Rainfall_Predict

Sofia Trogu

2023-06-02

```
library(corrplot)
```

```
## corrplot 0.92 loaded
```
```
library(ggplot2)
library(caret)
```

```
## Loading required package: lattice
```
```
library(magrittr)
library(gridExtra)
```

Download the Rain Dataset

```
file_path <- "/Users/Sofia/Desktop/Rain_Australia/weatherAUS.csv"
rain <- read.csv(file_path)
print(rain)
```

```
##              Date   Location MinTemp MaxTemp Rainfall Evaporation Sunshine
## 1      2008-12-01    Albury     13.4    22.9      0.6          NA       NA
## 2      2008-12-02    Albury      7.4    25.1      0.0          NA       NA
## 3      2008-12-03    Albury     12.9    25.7      0.0          NA       NA
## 4      2008-12-04    Albury      9.2    28.0      0.0          NA       NA
## 5      2008-12-05    Albury     17.5    32.3      1.0          NA       NA
## 6      2008-12-06    Albury     14.6    29.7      0.2          NA       NA
## 7      2008-12-07    Albury     14.3    25.0      0.0          NA       NA
## 8      2008-12-08    Albury      7.7    26.7      0.0          NA       NA
## 9      2008-12-09    Albury      9.7    31.9      0.0          NA       NA
## 10     2008-12-10    Albury     13.1    30.1      1.4          NA       NA
## 11     2008-12-11    Albury     13.4    30.4      0.0          NA       NA
## 12     2008-12-12    Albury     15.9    21.7      2.2          NA       NA
## 13     2008-12-13    Albury     15.9    18.6     15.6          NA       NA
## 14     2008-12-14    Albury     12.6    21.0      3.6          NA       NA
## 15     2008-12-15    Albury      8.4    24.6      0.0          NA       NA
## 16     2008-12-16    Albury      9.8    27.7       NA          NA       NA
## 17     2008-12-17    Albury     14.1    20.9      0.0          NA       NA
## 18     2008-12-18    Albury     13.5    22.9     16.8          NA       NA
## 19     2008-12-19    Albury     11.2    22.5     10.6          NA       NA
## 20     2008-12-20    Albury      9.8    25.6      0.0          NA       NA
## 21     2008-12-21    Albury     11.5    29.3      0.0          NA       NA
## 22     2008-12-22    Albury     17.1    33.0      0.0          NA       NA
## 23     2008-12-23    Albury     20.5    31.8      0.0          NA       NA
## 24     2008-12-24    Albury     15.3    30.9      0.0          NA       NA
## 25     2008-12-25    Albury     12.6    32.4      0.0          NA       NA
```

```
## 26   2008-12-26      Albury   16.2   33.9    0.0      NA      NA
## 27   2008-12-27      Albury   16.9   33.0    0.0      NA      NA
## 28   2008-12-28      Albury   20.1   32.7    0.0      NA      NA
## 29   2008-12-29      Albury   19.7   27.2    0.0      NA      NA
## 30   2008-12-30      Albury   12.5   24.2    1.2      NA      NA
## 31   2008-12-31      Albury   12.0   24.4    0.8      NA      NA
## 32   2009-01-01      Albury   11.3   26.5    0.0      NA      NA
## 33   2009-01-02      Albury    9.6   23.9    0.0      NA      NA
## 34   2009-01-03      Albury   10.5   28.8    0.0      NA      NA
## 35   2009-01-04      Albury   12.3   34.6    0.0      NA      NA
## 36   2009-01-05      Albury   12.9   35.8    0.0      NA      NA
## 37   2009-01-06      Albury   13.7   37.9    0.0      NA      NA
## 38   2009-01-07      Albury   16.1   38.9    0.0      NA      NA
## 39   2009-01-08      Albury   14.0   28.3    0.0      NA      NA
## 40   2009-01-09      Albury   12.5   28.4    0.0      NA      NA
## 41   2009-01-10      Albury   17.0   30.8    0.0      NA      NA
## 42   2009-01-11      Albury   16.9   32.0    0.0      NA      NA
## 43   2009-01-12      Albury   17.3   34.7    0.0      NA      NA
## 44   2009-01-13      Albury   17.2   37.7    0.0      NA      NA
## 45   2009-01-14      Albury   17.4   43.0    0.0      NA      NA
## 46   2009-01-15      Albury   19.8   32.7    0.0      NA      NA
## 47   2009-01-16      Albury   14.9   26.7    0.0      NA      NA
## 48   2009-01-17      Albury   10.5   28.4    0.0      NA      NA
## 49   2009-01-18      Albury   11.3   32.2    0.0      NA      NA
## 50   2009-01-19      Albury   13.9   36.6    0.0      NA      NA
## 51   2009-01-20      Albury   18.6   39.9    0.0      NA      NA
## 52   2009-01-21      Albury   19.3   38.1    0.8      NA      NA
## 53   2009-01-22      Albury   24.4   34.0    0.6      NA      NA
## 54   2009-01-23      Albury   18.8   35.2    6.4      NA      NA
## 55   2009-01-24      Albury   20.8   30.6    0.0      NA      NA
## 56   2009-01-25      Albury   14.0   34.3    0.0      NA      NA
## 57   2009-01-26      Albury   15.7   38.4    0.0      NA      NA
## 58   2009-01-27      Albury   18.5   38.2    0.0      NA      NA
## 59   2009-01-28      Albury   20.4   40.7    0.0      NA      NA
## 60   2009-01-29      Albury   21.8   41.5    0.0      NA      NA
## 61   2009-01-30      Albury   22.3   42.9    0.0      NA      NA
## 62   2009-01-31      Albury   22.0   42.7    0.0      NA      NA
## 63   2009-02-01      Albury   28.0   43.1    0.0      NA      NA
## 64   2009-02-02      Albury   24.4   38.3    0.2      NA      NA
## 65   2009-02-03      Albury   21.5   37.7    0.0      NA      NA
## 66   2009-02-04      Albury   21.7   36.9    0.0      NA      NA
## 67   2009-02-05      Albury   21.5   41.2    0.0      NA      NA
## 68   2009-02-06      Albury   23.5   42.2    0.0      NA      NA
## 69   2009-02-07      Albury   22.3   44.8    0.0      NA      NA
## 70   2009-02-08      Albury   28.3   40.2    0.0      NA      NA
## 71   2009-02-09      Albury   18.4   31.2    0.4      NA      NA
## 72   2009-02-10      Albury   14.9   27.3    0.0      NA      NA
## 73   2009-02-11      Albury   13.5   26.7    0.0      NA      NA
## 74   2009-02-12      Albury   16.1   21.6    0.0      NA      NA
## 75   2009-02-13      Albury   14.6   29.0    3.0      NA      NA
## 76   2009-02-14      Albury   12.4   29.2    0.0      NA      NA
## 77   2009-02-15      Albury   13.3   31.3    0.0      NA      NA
## 78   2009-02-16      Albury   17.2   31.1    0.0      NA      NA
## 79   2009-02-17      Albury   12.5   28.8    0.0      NA      NA
```

```
## 80   2009-02-18      Albury   18.0   32.0    0.0      NA     NA
## 81   2009-02-19      Albury   16.2   34.0    0.0      NA     NA
## 82   2009-02-20      Albury   18.7   29.1    0.0      NA     NA
## 83   2009-02-21      Albury   13.7   31.7    0.0      NA     NA
## 84   2009-02-22      Albury   15.5   33.2    0.0      NA     NA
## 85   2009-02-23      Albury   14.3   34.0    0.0      NA     NA
## 86   2009-02-24      Albury   12.9   29.6    0.0      NA     NA
## 87   2009-02-25      Albury    8.9   31.9    0.0      NA     NA
## 88   2009-02-26      Albury   15.0   32.7    0.0      NA     NA
## 89   2009-02-27      Albury   15.4   32.6    0.0      NA     NA
## 90   2009-02-28      Albury   16.0   34.5    0.0      NA     NA
## 91   2009-03-01      Albury   12.8   30.3    0.0      NA     NA
## 92   2009-03-02      Albury   13.2   31.9    0.0      NA     NA
## 93   2009-03-03      Albury   18.0   31.1    0.0      NA     NA
## 94   2009-03-04      Albury   13.8   22.1    0.2      NA     NA
## 95   2009-03-05      Albury   11.5   22.0    0.0      NA     NA
## 96   2009-03-06      Albury    7.6   24.0    0.0      NA     NA
## 97   2009-03-07      Albury    8.3   27.9    0.0      NA     NA
## 98   2009-03-08      Albury   11.0   30.2    0.0      NA     NA
## 99   2009-03-09      Albury   13.8   31.8    0.0      NA     NA
## 100  2009-03-10      Albury   15.5   32.0    0.0      NA     NA
## 101  2009-03-11      Albury   18.4   30.5    1.2      NA     NA
## 102  2009-03-12      Albury   20.9   25.7    0.0      NA     NA
## 103  2009-03-13      Albury   17.1   25.8    5.8      NA     NA
## 104  2009-03-14      Albury   16.4   27.0    3.0      NA     NA
## 105  2009-03-15      Albury   10.0   19.7   11.6      NA     NA
## 106  2009-03-16      Albury    8.8   21.9    0.0      NA     NA
## 107  2009-03-17      Albury    8.4   25.3    0.0      NA     NA
## 108  2009-03-18      Albury    9.3   28.0    0.0      NA     NA
## 109  2009-03-19      Albury   11.3   30.1    0.0      NA     NA
## 110  2009-03-20      Albury   11.5   33.5    0.0      NA     NA
## 111  2009-03-21      Albury   13.8   33.6    0.0      NA     NA
## 112  2009-03-22      Albury   14.6   30.0    0.0      NA     NA
## 113  2009-03-23      Albury   14.4   31.6    0.0      NA     NA
## 114  2009-03-24      Albury   10.8   31.9    0.0      NA     NA
## 115  2009-03-25      Albury   15.4   22.3    0.4      NA     NA
## 116  2009-03-26      Albury   13.3   29.8    1.8      NA     NA
## 117  2009-03-27      Albury   10.1   27.6    0.0      NA     NA
## 118  2009-03-28      Albury    9.1   28.9    0.0      NA     NA
## 119  2009-03-29      Albury   10.4   31.2    0.0      NA     NA
## 120  2009-03-30      Albury   13.4   30.4    0.0      NA     NA
## 121  2009-03-31      Albury   12.3   29.9    0.0      NA     NA
## 122  2009-04-01      Albury   12.2   30.6    0.0      NA     NA
## 123  2009-04-02      Albury   14.3   32.1    0.0      NA     NA
## 124  2009-04-03      Albury   18.4   28.1    8.6      NA     NA
## 125  2009-04-04      Albury   10.7   21.4   12.6      NA     NA
## 126  2009-04-05      Albury    7.8   21.7    0.0      NA     NA
## 127  2009-04-06      Albury    8.1   21.4    0.0      NA     NA
## 128  2009-04-07      Albury    7.5   22.5    0.0      NA     NA
## 129  2009-04-08      Albury    8.2   24.0    0.0      NA     NA
## 130  2009-04-09      Albury    8.1   25.7    0.0      NA     NA
## 131  2009-04-10      Albury   11.6   26.7    0.0      NA     NA
## 132  2009-04-11      Albury   13.0   24.9    8.4      NA     NA
## 133  2009-04-12      Albury   13.5   24.2    6.2      NA     NA
```

```
## 134 2009-04-13    Albury     9.9   25.4    0.0      NA      NA
## 135 2009-04-14    Albury    12.2   25.0    0.0      NA      NA
## 136 2009-04-15    Albury    10.7   21.9    0.0      NA      NA
## 137 2009-04-16    Albury     3.5   20.0    0.0      NA      NA
## 138 2009-04-17    Albury     6.6   21.6    0.0      NA      NA
## 139 2009-04-18    Albury     7.0   23.4    0.0      NA      NA
## 140 2009-04-19    Albury    11.2   23.9    0.0      NA      NA
## 141 2009-04-20    Albury     7.4   22.0    0.0      NA      NA
## 142 2009-04-21    Albury     5.7   21.4    0.0      NA      NA
## 143 2009-04-22    Albury     6.2   22.7    0.0      NA      NA
## 144 2009-04-23    Albury     6.0   22.9    0.0      NA      NA
## 145 2009-04-24    Albury    10.6   16.2    0.0      NA      NA
## 146 2009-04-25    Albury    12.9   15.8   20.0      NA      NA
## 147 2009-04-26    Albury     8.6   12.9   21.0      NA      NA
## 148 2009-04-27    Albury     4.5   11.5    3.2      NA      NA
## 149 2009-04-28    Albury     7.6   14.5    4.8      NA      NA
## 150 2009-04-29    Albury     5.4   12.2    0.0      NA      NA
## 151 2009-04-30    Albury     2.1   16.5    0.0      NA      NA
## 152 2009-05-01    Albury     1.8   17.0    0.0      NA      NA
## 153 2009-05-02    Albury     7.2   19.2    0.0      NA      NA
## 154 2009-05-03    Albury     4.6   18.9    0.0      NA      NA
## 155 2009-05-04    Albury     4.2   19.1    0.0      NA      NA
## 156 2009-05-05    Albury     5.2   18.8    0.0      NA      NA
## 157 2009-05-06    Albury     4.1   19.3    0.0      NA      NA
## 158 2009-05-07    Albury     3.2   18.4    0.0      NA      NA
## 159 2009-05-08    Albury     4.3   19.0    0.0      NA      NA
## 160 2009-05-09    Albury     3.7   20.5    0.0      NA      NA
## 161 2009-05-10    Albury     5.4   19.5    0.0      NA      NA
## 162 2009-05-11    Albury     4.3   17.7    0.0      NA      NA
## 163 2009-05-12    Albury     3.6   18.5    0.0      NA      NA
## 164 2009-05-13    Albury     3.6   15.1    0.0      NA      NA
## 165 2009-05-14    Albury     6.9   16.3    0.0      NA      NA
## 166 2009-05-15    Albury    10.3   16.6    0.0      NA      NA
## 167 2009-05-16    Albury    12.4   16.4    1.8      NA      NA
## 168 2009-05-17    Albury     3.0   15.6    0.0      NA      NA
## 169 2009-05-18    Albury     2.6   19.7    0.0      NA      NA
## 170 2009-05-19    Albury     3.7   19.1    0.0      NA      NA
## 171 2009-05-20    Albury     5.1   18.6    0.0      NA      NA
## 172 2009-05-21    Albury     4.4   19.8    0.0      NA      NA
## 173 2009-05-22    Albury     4.7   19.8    0.0      NA      NA
## 174 2009-05-23    Albury     6.2   22.9    0.0      NA      NA
## 175 2009-05-24    Albury     6.7   21.1    0.0      NA      NA
## 176 2009-05-25    Albury     9.3   20.3    0.0      NA      NA
## 177 2009-05-26    Albury    11.6   18.1    4.2      NA      NA
## 178 2009-05-27    Albury     8.0   16.2    0.8      NA      NA
## 179 2009-05-28    Albury     2.6   15.7    0.0      NA      NA
## 180 2009-05-29    Albury     2.2   16.5    0.0      NA      NA
## 181 2009-05-30    Albury     2.2   16.8    0.0      NA      NA
## 182 2009-05-31    Albury     1.7   17.1    0.0      NA      NA
## 183 2009-06-01    Albury     8.0   14.3    1.2      NA      NA
## 184 2009-06-02    Albury     8.4   13.4    1.4      NA      NA
## 185 2009-06-03    Albury    10.6   14.3    4.8      NA      NA
## 186 2009-06-04    Albury     8.9   17.4    8.0      NA      NA
## 187 2009-06-05    Albury     2.8   16.1    0.0      NA      NA
```

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## 188   2009-06-06      Albury      1.7    10.5     0.2        NA      NA
## 189   2009-06-07      Albury      4.7    11.6    14.4        NA      NA
## 190   2009-06-08      Albury      9.0    12.0     4.6        NA      NA
## 191   2009-06-09      Albury      6.3     8.8     2.0        NA      NA
## 192   2009-06-10      Albury      3.0    10.5     5.6        NA      NA
## 193   2009-06-11      Albury     -2.0     9.6     0.0        NA      NA
## 194   2009-06-12      Albury     -1.3     8.2     0.0        NA      NA
## 195   2009-06-13      Albury      1.8    12.4     0.0        NA      NA
## 196   2009-06-14      Albury      2.0    15.8     0.0        NA      NA
## 197   2009-06-15      Albury      0.5    14.9     0.4        NA      NA
## 198   2009-06-16      Albury      1.2    17.7     0.0        NA      NA
## 199   2009-06-17      Albury      0.6    15.9     0.0        NA      NA
## 200   2009-06-18      Albury      0.5    14.7     0.0        NA      NA
## 201   2009-06-19      Albury      0.5    15.3     0.0        NA      NA
## 202   2009-06-20      Albury      0.9    17.3     0.0        NA      NA
## 203   2009-06-21      Albury      7.0    17.0     1.6        NA      NA
## 204   2009-06-22      Albury      5.0    14.9     5.6        NA      NA
## 205   2009-06-23      Albury      3.9    15.5     0.0        NA      NA
## 206   2009-06-24      Albury      7.7    14.1     6.0        NA      NA
## 207   2009-06-25      Albury      4.7    12.2     0.0        NA      NA
## 208   2009-06-26      Albury      6.9    13.7     4.4        NA      NA
## 209   2009-06-27      Albury      8.4    11.9     0.0        NA      NA
## 210   2009-06-28      Albury      9.3    12.3     5.4        NA      NA
## 211   2009-06-29      Albury      8.2    15.7     3.6        NA      NA
## 212   2009-06-30      Albury      9.1    16.1     2.0        NA      NA
## 213   2009-07-01      Albury      8.3    13.3     8.4        NA      NA
## 214   2009-07-02      Albury      8.8    11.6     5.0        NA      NA
## 215   2009-07-03      Albury      7.6    12.0     7.8        NA      NA
## 216   2009-07-04      Albury      5.7    13.2     0.0        NA      NA
## 217   2009-07-05      Albury      3.4    12.4     0.0        NA      NA
## 218   2009-07-06      Albury      0.0    12.1     0.0        NA      NA
## 219   2009-07-07      Albury     -1.5    12.5     0.0        NA      NA
## 220   2009-07-08      Albury     -1.7    13.8     0.0        NA      NA
## 221   2009-07-09      Albury     -0.4    15.0     0.2        NA      NA
## 222   2009-07-10      Albury      0.1    13.5     0.0        NA      NA
## 223   2009-07-11      Albury      4.8    13.3     0.6        NA      NA
## 224   2009-07-12      Albury      8.1    16.5     0.6        NA      NA
## 225   2009-07-13      Albury      5.9    13.1     1.0        NA      NA
## 226   2009-07-14      Albury      6.9    11.0     6.8        NA      NA
## 227   2009-07-15      Albury      2.9    12.6     1.8        NA      NA
## 228   2009-07-16      Albury     -0.6    13.4     0.0        NA      NA
## 229   2009-07-17      Albury     -0.3    14.4     0.2        NA      NA
## 230   2009-07-18      Albury     -1.0    12.0     0.0        NA      NA
## 231   2009-07-19      Albury      3.2    14.1     0.6        NA      NA
## 232   2009-07-20      Albury      3.6    16.5     0.2        NA      NA
## 233   2009-07-21      Albury      0.8    17.7     0.0        NA      NA
## 234   2009-07-22      Albury      6.6    12.3     0.0        NA      NA
## 235   2009-07-23      Albury      6.0    13.5     9.8        NA      NA
## 236   2009-07-24      Albury     -0.1    12.9     0.0        NA      NA
## 237   2009-07-25      Albury     -0.3    12.2     0.0        NA      NA
## 238   2009-07-26      Albury      2.1     9.8     0.0        NA      NA
## 239   2009-07-27      Albury      1.3     8.8     0.0        NA      NA
## 240   2009-07-28      Albury      4.2    12.7     3.8        NA      NA
## 241   2009-07-29      Albury      8.3    13.2     2.4        NA      NA
```

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## 242   2009-07-30      Albury     3.3    12.1    0.2     NA    NA
## 243   2009-07-31      Albury     6.5    14.5    5.2     NA    NA
## 244   2009-08-01      Albury     7.4    13.9    0.2     NA    NA
## 245   2009-08-02      Albury     7.5    14.1    0.8     NA    NA
## 246   2009-08-03      Albury     8.3    13.8    0.8     NA    NA
## 247   2009-08-04      Albury     3.2    14.7    0.0     NA    NA
## 248   2009-08-05      Albury     5.7    13.8    5.4     NA    NA
## 249   2009-08-06      Albury     5.1    17.1    0.4     NA    NA
## 250   2009-08-07      Albury     8.0    13.9    0.8     NA    NA
## 251   2009-08-08      Albury    -0.8    12.9    4.2     NA    NA
## 252   2009-08-09      Albury    -1.0    12.2    0.0     NA    NA
## 253   2009-08-10      Albury     1.9    14.8    0.2     NA    NA
## 254   2009-08-11      Albury     5.9    17.7    0.4     NA    NA
## 255   2009-08-12      Albury     6.9    14.3    4.8     NA    NA
## 256   2009-08-13      Albury     7.7    11.6    0.2     NA    NA
## 257   2009-08-14      Albury     6.8    15.2    1.2     NA    NA
## 258   2009-08-15      Albury     2.7    17.5    0.2     NA    NA
## 259   2009-08-16      Albury     5.1    15.5    1.6     NA    NA
## 260   2009-08-17      Albury     4.2    13.6    3.2     NA    NA
## 261   2009-08-18      Albury     0.6    15.6    0.0     NA    NA
## 262   2009-08-19      Albury     1.6    16.4    0.0     NA    NA
## 263   2009-08-20      Albury     5.5    18.4    0.0     NA    NA
## 264   2009-08-21      Albury     7.3    14.8    1.0     NA    NA
## 265   2009-08-22      Albury     0.2    14.1    6.6     NA    NA
## 266   2009-08-23      Albury     5.8    18.9    3.8     NA    NA
## 267   2009-08-24      Albury     8.9    17.1    1.2     NA    NA
## 268   2009-08-25      Albury     7.1    12.8    2.0     NA    NA
## 269   2009-08-26      Albury     4.2    14.4    3.6     NA    NA
## 270   2009-08-27      Albury     1.1    16.7    0.4     NA    NA
## 271   2009-08-28      Albury     1.1    18.6    0.0     NA    NA
## 272   2009-08-29      Albury     7.2    17.9    4.2     NA    NA
## 273   2009-08-30      Albury     6.3    11.1    13.4    NA    NA
## 274   2009-08-31      Albury     6.7    14.2    1.4     NA    NA
## 275   2009-09-01      Albury     5.1    14.2    3.0     NA    NA
## 276   2009-09-02      Albury     1.0    16.8    0.0     NA    NA
## 277   2009-09-03      Albury     6.1    20.7    0.0     NA    NA
## 278   2009-09-04      Albury     6.3    16.9    1.4     NA    NA
## 279   2009-09-05      Albury     2.1    15.0    0.0     NA    NA
## 280   2009-09-06      Albury     1.6    16.6    0.0     NA    NA
## 281   2009-09-07      Albury     8.3    17.6    0.0     NA    NA
## 282   2009-09-08      Albury     5.7    16.5    0.0     NA    NA
## 283   2009-09-09      Albury     7.5    14.3    0.0     NA    NA
## 284   2009-09-10      Albury     2.6      NA    0.0     NA    NA
## 285   2009-09-11      Albury      NA    18.8     NA     NA    NA
## 286   2009-09-12      Albury     6.5    24.7    0.0     NA    NA
## 287   2009-09-13      Albury    13.2    25.1    0.0     NA    NA
## 288   2009-09-14      Albury     4.3    17.8    0.0     NA    NA
## 289   2009-09-15      Albury     1.6    17.2    0.0     NA    NA
## 290   2009-09-16      Albury     2.8    21.1    0.0     NA    NA
## 291   2009-09-17      Albury     6.3    19.0    0.0     NA    NA
## 292   2009-09-18      Albury     7.4    20.4    10.2    NA    NA
## 293   2009-09-19      Albury     5.4    20.6    0.0     NA    NA
## 294   2009-09-20      Albury     8.0    18.9    0.4     NA    NA
## 295   2009-09-21      Albury     3.7    19.0    0.2     NA    NA
```

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## 296   2009-09-22     Albury    11.5    20.2     8.4      NA      NA
## 297   2009-09-23     Albury     9.3    16.8    28.8      NA      NA
## 298   2009-09-24     Albury     8.2    18.2     1.4      NA      NA
## 299   2009-09-25     Albury     5.3    20.6     0.0      NA      NA
## 300   2009-09-26     Albury     6.8    12.2     6.0      NA      NA
## 301   2009-09-27     Albury     4.5    12.9     1.6      NA      NA
## 302   2009-09-28     Albury     5.5    17.9     0.0      NA      NA
## 303   2009-09-29     Albury     1.7    17.0     0.0      NA      NA
## 304   2009-09-30     Albury     4.0    21.4     0.0      NA      NA
## 305   2009-10-01     Albury     8.9    21.1     0.0      NA      NA
## 306   2009-10-02     Albury    11.7    22.0     0.0      NA      NA
## 307   2009-10-03     Albury     8.5    13.5     3.2      NA      NA
## 308   2009-10-04     Albury     9.6    16.2     1.8      NA      NA
## 309   2009-10-05     Albury     8.3    19.7     0.2      NA      NA
## 310   2009-10-06     Albury     5.2    16.2     0.0      NA      NA
## 311   2009-10-07     Albury     3.8    15.9     3.6      NA      NA
## 312   2009-10-08     Albury     1.2    16.3     0.0      NA      NA
## 313   2009-10-09     Albury     3.2    18.2     0.0      NA      NA
## 314   2009-10-10     Albury     4.6    19.0     0.0      NA      NA
## 315   2009-10-11     Albury     6.4    18.7     0.0      NA      NA
## 316   2009-10-12     Albury     5.8    23.3     0.0      NA      NA
## 317   2009-10-13     Albury     6.6    17.7     2.0      NA      NA
## 318   2009-10-14     Albury     9.5    15.1     7.0      NA      NA
## 319   2009-10-15     Albury     9.7    15.7     1.4      NA      NA
## 320   2009-10-16     Albury     4.1    16.6     6.8      NA      NA
## 321   2009-10-17     Albury     4.6    19.2     0.0      NA      NA
## 322   2009-10-18     Albury     5.1    20.3     0.0      NA      NA
## 323   2009-10-19     Albury     5.1    22.7     0.0      NA      NA
## 324   2009-10-20     Albury     6.9    26.6     0.0      NA      NA
## 325   2009-10-21     Albury     8.8    27.1     0.0      NA      NA
## 326   2009-10-22     Albury     9.1    27.1     0.0      NA      NA
## 327   2009-10-23     Albury     8.1    23.9     0.0      NA      NA
## 328   2009-10-24     Albury     7.4    25.4     0.0      NA      NA
## 329   2009-10-25     Albury    10.6    23.1     0.0      NA      NA
## 330   2009-10-26     Albury    10.8    22.0     0.0      NA      NA
## 331   2009-10-27     Albury     5.9    24.1     0.0      NA      NA
## 332   2009-10-28     Albury    11.3    26.8     0.0      NA      NA
## 333   2009-10-29     Albury    14.5    26.9     0.0      NA      NA
## 334   2009-10-30     Albury    13.7    29.1     0.0      NA      NA
## 335   2009-10-31     Albury    15.6    30.8     0.0      NA      NA
## 336   2009-11-01     Albury    17.8    34.0     0.0      NA      NA
## 337   2009-11-02     Albury    18.7    32.4     0.0      NA      NA
## 338   2009-11-03     Albury    18.7    24.3     0.0      NA      NA
## 339   2009-11-04     Albury    10.0    23.2     0.0      NA      NA
## 340   2009-11-05     Albury     6.6    25.3     0.0      NA      NA
## 341   2009-11-06     Albury    10.8    27.9     0.0      NA      NA
## 342   2009-11-07     Albury    11.3    29.8     0.0      NA      NA
## 343   2009-11-08     Albury    13.5    31.8     0.0      NA      NA
## 344   2009-11-09     Albury    15.4    33.4     0.0      NA      NA
## 345   2009-11-10     Albury    15.9    35.2     0.0      NA      NA
## 346   2009-11-11     Albury    17.1    36.0     0.0      NA      NA
## 347   2009-11-12     Albury    16.7    35.1     0.0      NA      NA
## 348   2009-11-13     Albury    18.1    32.8     0.0      NA      NA
## 349   2009-11-14     Albury    13.4    35.4     0.0      NA      NA
```

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## 350   2009-11-15       Albury   17.2   36.3    0.0    NA    NA
## 351   2009-11-16       Albury   15.3   35.1    0.0    NA    NA
## 352   2009-11-17       Albury   12.1   30.5    0.0    NA    NA
## 353   2009-11-18       Albury   11.4   33.5    0.0    NA    NA
## 354   2009-11-19       Albury   18.6   39.7    0.0    NA    NA
## 355   2009-11-20       Albury   15.3   38.2    0.0    NA    NA
## 356   2009-11-21       Albury   19.3   21.0   10.6    NA    NA
## 357   2009-11-22       Albury   18.3   28.3   25.8    NA    NA
## 358   2009-11-23       Albury   11.9   23.6    0.4    NA    NA
## 359   2009-11-24       Albury   12.8   25.8    0.0    NA    NA
## 360   2009-11-25       Albury   17.2   32.9    0.0    NA    NA
## 361   2009-11-26       Albury   21.0   34.5    0.0    NA    NA
## 362   2009-11-27       Albury   15.9   26.2   10.2    NA    NA
## 363   2009-11-28       Albury   17.1   26.4    0.0    NA    NA
## 364   2009-11-29       Albury   12.8   22.3    9.4    NA    NA
## 365   2009-11-30       Albury   13.2   23.9    2.4    NA    NA
## 366   2009-12-01       Albury   12.3   23.6    0.0    NA    NA
## 367   2009-12-02       Albury   10.6   27.0    0.0    NA    NA
## 368   2009-12-03       Albury   11.4   31.5    0.0    NA    NA
## 369   2009-12-04       Albury   12.3   27.5    0.0    NA    NA
## 370   2009-12-05       Albury   10.7   26.7    0.0    NA    NA
## 371   2009-12-06       Albury   11.1   30.7    0.0    NA    NA
## 372   2009-12-07       Albury   13.4   31.9    0.0    NA    NA
## 373   2009-12-08       Albury   18.2   24.9    0.0    NA    NA
## 374   2009-12-09       Albury    9.2   25.4    1.2    NA    NA
## 375   2009-12-10       Albury   14.2   27.4    0.0    NA    NA
## 376   2009-12-11       Albury    9.2   22.6    1.0    NA    NA
## 377   2009-12-12       Albury    9.0   26.5    0.0    NA    NA
## 378   2009-12-13       Albury   11.8   29.6    0.0    NA    NA
## 379   2009-12-14       Albury   13.6   32.0    0.0    NA    NA
## 380   2009-12-15       Albury   13.1   34.7    0.0    NA    NA
## 381   2009-12-16       Albury   14.6   38.6    0.0    NA    NA
## 382   2009-12-17       Albury   14.5   40.3    0.0    NA    NA
## 383   2009-12-18       Albury   12.2   26.4    3.0    NA    NA
## 384   2009-12-19       Albury   11.1   29.2    0.0    NA    NA
## 385   2009-12-20       Albury   12.0   31.3    0.0    NA    NA
## 386   2009-12-21       Albury   12.7   33.7    0.0    NA    NA
## 387   2009-12-22       Albury   15.1   36.6    0.0    NA    NA
## 388   2009-12-23       Albury   18.1   38.2    0.0    NA    NA
## 389   2009-12-24       Albury   22.9   34.6    0.0    NA    NA
## 390   2009-12-25       Albury   18.8   28.3    9.8    NA    NA
## 391   2009-12-26       Albury   17.1   31.3    0.0    NA    NA
## 392   2009-12-27       Albury   17.6   27.3    0.0    NA    NA
## 393   2009-12-28       Albury   17.8   35.9    0.0    NA    NA
## 394   2009-12-29       Albury   18.7   35.9    0.0    NA    NA
## 395   2009-12-30       Albury   19.8   36.8    0.0    NA    NA
## 396   2009-12-31       Albury   21.1   33.2    0.0    NA    NA
## 397   2010-01-01       Albury   19.4   31.9    5.0    NA    NA
## 398   2010-01-02       Albury   18.6   29.1   12.4    NA    NA
## 399   2010-01-03       Albury   12.2   29.7    0.0    NA    NA
## 400   2010-01-04       Albury   14.8   32.8    0.0    NA    NA
## 401   2010-01-05       Albury   15.0   35.8    0.0    NA    NA
## 402   2010-01-06       Albury   16.3   33.8    0.0    NA    NA
## 403   2010-01-07       Albury   15.0   33.0    0.0    NA    NA
```

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## 404   2010-01-08      Albury   17.4   36.4    0.0    NA   NA
## 405   2010-01-09      Albury   19.6   39.8    0.0    NA   NA
## 406   2010-01-10      Albury   20.6   42.2    0.0    NA   NA
## 407   2010-01-11      Albury   21.0   42.2    0.0    NA   NA
## 408   2010-01-12      Albury   24.5   42.4    0.2    NA   NA
## 409   2010-01-13      Albury   22.6   28.4    0.4    NA   NA
## 410   2010-01-14      Albury   15.7   31.7    3.0    NA   NA
## 411   2010-01-15      Albury   17.2   36.3    0.0    NA   NA
## 412   2010-01-16      Albury   21.8   36.6    0.0    NA   NA
## 413   2010-01-17      Albury   16.8   25.6    0.0    NA   NA
## 414   2010-01-18      Albury   10.5   22.6    0.0    NA   NA
## 415   2010-01-19      Albury    8.7   25.2    0.0    NA   NA
## 416   2010-01-20      Albury   11.0   32.9    0.0    NA   NA
## 417   2010-01-21      Albury   15.4   37.3    0.0    NA   NA
## 418   2010-01-22      Albury   19.2   41.8    0.0    NA   NA
## 419   2010-01-23      Albury   24.7   35.4    0.0    NA   NA
## 420   2010-01-24      Albury   14.4   33.7    0.0    NA   NA
## 421   2010-01-25      Albury   14.3   35.8    0.0    NA   NA
## 422   2010-01-26      Albury   15.1   35.9    0.0    NA   NA
## 423   2010-01-27      Albury   17.7   36.4    0.0    NA   NA
## 424   2010-01-28      Albury   15.2   34.4    0.0    NA   NA
## 425   2010-01-29      Albury   16.0   35.2    0.0    NA   NA
## 426   2010-01-30      Albury   18.9   36.5    0.0    NA   NA
## 427   2010-01-31      Albury   21.7   36.3    0.0    NA   NA
## 428   2010-02-01      Albury   21.0   38.2    0.0    NA   NA
## 429   2010-02-02      Albury   17.8   34.3    8.6    NA   NA
## 430   2010-02-03      Albury   17.9   35.6    0.0    NA   NA
## 431   2010-02-04      Albury   23.5   32.0    0.0    NA   NA
## 432   2010-02-05      Albury   19.2   26.1   52.2    NA   NA
## 433   2010-02-06      Albury   19.5   30.3    5.6    NA   NA
## 434   2010-02-07      Albury   20.3   33.9    0.0    NA   NA
## 435   2010-02-08      Albury   23.0   34.0    0.0    NA   NA
## 436   2010-02-09      Albury   22.1   35.1    0.0    NA   NA
## 437   2010-02-10      Albury   21.7   35.6     NA    NA   NA
## 438   2010-02-11      Albury   21.5   35.0    0.0    NA   NA
## 439   2010-02-12      Albury   22.5   29.1     NA    NA   NA
## 440   2010-02-13      Albury   20.8   27.1    0.0    NA   NA
## 441   2010-02-14      Albury   20.5   30.3    0.0    NA   NA
## 442   2010-02-15      Albury   17.8   26.8    0.0    NA   NA
## 443   2010-02-16      Albury   17.6   29.0    0.0    NA   NA
## 444   2010-02-17      Albury   15.5   30.6    0.0    NA   NA
## 445   2010-02-18      Albury     NA   31.2     NA    NA   NA
## 446   2010-02-19      Albury   16.4   30.3    0.0    NA   NA
## 447   2010-02-20      Albury   15.7   31.8    0.0    NA   NA
## 448   2010-02-21      Albury   19.6   34.7    0.6    NA   NA
## 449   2010-02-22      Albury   20.2   26.4    3.6    NA   NA
## 450   2010-02-23      Albury   12.5   26.1    0.2    NA   NA
## 451   2010-02-24      Albury   12.8   28.5    0.0    NA   NA
## 452   2010-02-25      Albury   15.0   31.0    0.0    NA   NA
## 453   2010-02-26      Albury   17.2     NA    0.0    NA   NA
## 454   2010-02-27      Albury     NA   26.3     NA    NA   NA
## 455   2010-02-28      Albury   18.2   29.3    1.4    NA   NA
## 456   2010-03-01      Albury   14.4     NA    0.0    NA   NA
## 457   2010-03-02      Albury   11.2   28.5     NA    NA   NA
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## 458   2010-03-03      Albury   12.5   31.2    0.0      NA     NA
## 459   2010-03-04      Albury   15.1     NA    0.0      NA     NA
## 460   2010-03-05      Albury     NA   22.3    0.0      NA     NA
## 461   2010-03-06      Albury   18.8   30.3   20.6      NA     NA
## 462   2010-03-07      Albury   18.3   22.9    5.8      NA     NA
## 463   2010-03-08      Albury   18.1   25.5   66.0      NA     NA
## 464   2010-03-09      Albury   15.7   22.4    6.2      NA     NA
## 465   2010-03-10      Albury    8.8     NA    0.0      NA     NA
## 466   2010-03-11      Albury   12.3   24.4     NA      NA     NA
## 467   2010-03-12      Albury   10.6   25.0    0.0      NA     NA
## 468   2010-03-13      Albury   11.5   25.7    0.0      NA     NA
## 469   2010-03-14      Albury   12.2   26.3    0.0      NA     NA
## 470   2010-03-15      Albury   13.2   26.6    0.0      NA     NA
## 471   2010-03-16      Albury   12.5   28.6    0.0      NA     NA
## 472   2010-03-17      Albury   13.3   29.6    0.0      NA     NA
## 473   2010-03-18      Albury   15.1   30.4    0.0      NA     NA
## 474   2010-03-19      Albury   14.9   31.4    0.0      NA     NA
## 475   2010-03-20      Albury   16.7   31.9    0.0      NA     NA
## 476   2010-03-21      Albury   16.8   25.6    0.0      NA     NA
## 477   2010-03-22      Albury    9.1   25.3    0.0      NA     NA
## 478   2010-03-23      Albury    8.3   27.0    0.0      NA     NA
## 479   2010-03-24      Albury   10.5   28.8    0.0      NA     NA
## 480   2010-03-25      Albury   11.6   29.6    0.0      NA     NA
## 481   2010-03-26      Albury   12.6   30.0    0.0      NA     NA
## 482   2010-03-27      Albury   15.6   30.2    0.0      NA     NA
## 483   2010-03-28      Albury   17.2   28.7    0.0      NA     NA
## 484   2010-03-29      Albury   18.2   26.3   11.0      NA     NA
## 485   2010-03-30      Albury   16.5   26.9    0.4      NA     NA
## 486   2010-03-31      Albury   13.4   26.1    0.0      NA     NA
## 487   2010-04-01      Albury   11.6   25.8    0.0      NA     NA
## 488   2010-04-02      Albury   10.0   25.1    0.0      NA     NA
## 489   2010-04-03      Albury   12.4   24.8    0.0      NA     NA
## 490   2010-04-04      Albury   12.5   24.8    0.0      NA     NA
## 491   2010-04-05      Albury   10.3   25.3    0.0      NA     NA
## 492   2010-04-06      Albury   10.6   24.7    0.0      NA     NA
## 493   2010-04-07      Albury   15.7   23.4    3.0      NA     NA
## 494   2010-04-08      Albury   13.5   23.1    3.2      NA     NA
## 495   2010-04-09      Albury   10.1   21.9    0.0      NA     NA
## 496   2010-04-10      Albury   14.1   18.6    0.2      NA     NA
## 497   2010-04-11      Albury   14.2   18.7    7.0      NA     NA
## 498   2010-04-12      Albury    5.6   17.4    0.0      NA     NA
## 499   2010-04-13      Albury    4.6   19.9    0.0      NA     NA
## 500   2010-04-14      Albury    5.1   21.9    0.0      NA     NA
## 501   2010-04-15      Albury    6.1   23.5    0.0      NA     NA
## 502   2010-04-16      Albury    7.7   24.7    0.0      NA     NA
## 503   2010-04-17      Albury    8.5   25.4    0.0      NA     NA
## 504   2010-04-18      Albury   10.1   25.1    0.0      NA     NA
## 505   2010-04-19      Albury   11.2   25.9    0.0      NA     NA
## 506   2010-04-20      Albury   11.8   25.2    0.0      NA     NA
## 507   2010-04-21      Albury   12.3   27.5    0.0      NA     NA
## 508   2010-04-22      Albury   11.4   27.3    0.0      NA     NA
## 509   2010-04-23      Albury   11.3   29.0    0.0      NA     NA
## 510   2010-04-24      Albury   15.4   19.8    3.6      NA     NA
## 511   2010-04-25      Albury   10.8   18.5   17.0      NA     NA
```

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## 512 2010-04-26     Albury     5.1   17.9    0.0      NA   NA
## 513 2010-04-27     Albury     7.1   16.1    0.0      NA   NA
## 514 2010-04-28     Albury     9.7   17.3    1.6      NA   NA
## 515 2010-04-29     Albury    10.5   17.7    0.4      NA   NA
## 516 2010-04-30     Albury     5.6   19.1    0.0      NA   NA
## 517 2010-05-01     Albury     5.9   21.1    0.2      NA   NA
## 518 2010-05-02     Albury     4.8   20.7    0.0      NA   NA
## 519 2010-05-03     Albury     6.8   23.0    0.0      NA   NA
## 520 2010-05-04     Albury     8.0   25.3    0.2      NA   NA
## 521 2010-05-05     Albury     8.9   14.5    3.0      NA   NA
## 522 2010-05-06     Albury     7.1   15.3    0.0      NA   NA
## 523 2010-05-07     Albury     5.7   17.5    0.0      NA   NA
## 524 2010-05-08     Albury     9.6   19.3    0.0      NA   NA
## 525 2010-05-09     Albury     5.7   19.5    0.0      NA   NA
## 526 2010-05-10     Albury     5.0   19.8    0.0      NA   NA
## 527 2010-05-11     Albury     3.0   15.6    0.0      NA   NA
## 528 2010-05-12     Albury     1.3   14.9    0.0      NA   NA
## 529 2010-05-13     Albury     1.0   17.1    0.0      NA   NA
## 530 2010-05-14     Albury     3.1   17.7    0.2      NA   NA
## 531 2010-05-15     Albury     2.2   18.4    0.0      NA   NA
## 532 2010-05-16     Albury     1.7   17.5    0.0      NA   NA
## 533 2010-05-17     Albury     4.5   17.0    0.0      NA   NA
## 534 2010-05-18     Albury     1.6   19.7    0.0      NA   NA
## 535 2010-05-19     Albury     1.4   18.5    0.0      NA   NA
## 536 2010-05-20     Albury     2.1   16.5    0.0      NA   NA
## 537 2010-05-21     Albury     1.7   17.9    0.0      NA   NA
## 538 2010-05-22     Albury     1.1   17.1    0.0      NA   NA
## 539 2010-05-23     Albury     0.9   18.1    0.0      NA   NA
## 540 2010-05-24     Albury     5.2   16.3    0.0      NA   NA
## 541 2010-05-25     Albury    10.2   14.9   10.4      NA   NA
## 542 2010-05-26     Albury     8.4   19.0   13.4      NA   NA
## 543 2010-05-27     Albury     5.7   16.6    0.2      NA   NA
## 544 2010-05-28     Albury     6.4   17.0    0.0      NA   NA
## 545 2010-05-29     Albury     9.4   15.0   28.0      NA   NA
## 546 2010-05-30     Albury     8.8   20.2    5.8      NA   NA
## 547 2010-05-31     Albury    10.7   19.1    0.0      NA   NA
## 548 2010-06-01     Albury     4.2   16.6    0.0      NA   NA
## 549 2010-06-02     Albury     4.3   17.7    0.0      NA   NA
## 550 2010-06-03     Albury     3.4   17.7    0.0      NA   NA
## 551 2010-06-04     Albury     3.1   18.4    0.0      NA   NA
## 552 2010-06-05     Albury     1.7   10.2    0.0      NA   NA
## 553 2010-06-06     Albury     5.0   15.8    0.0      NA   NA
## 554 2010-06-07     Albury     0.4   14.0    0.0      NA   NA
## 555 2010-06-08     Albury     3.1   12.2    0.0      NA   NA
## 556 2010-06-09     Albury     5.3    8.4    0.0      NA   NA
## 557 2010-06-10     Albury     4.9   12.9    2.4      NA   NA
## 558 2010-06-11     Albury     7.2   13.2    0.0      NA   NA
## 559 2010-06-12     Albury     0.0   13.3    0.0      NA   NA
## 560 2010-06-13     Albury    -1.0   13.1    0.0      NA   NA
## 561 2010-06-14     Albury    -2.0   13.2    0.0      NA   NA
## 562 2010-06-15     Albury    -0.3   12.8    0.0      NA   NA
## 563 2010-06-16     Albury     1.5   15.5    0.0      NA   NA
## 564 2010-06-17     Albury     7.4   16.2   11.6      NA   NA
## 565 2010-06-18     Albury     3.0   12.2    2.2      NA   NA
```

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## 566   2010-06-19      Albury    6.9    15.2    1.8    NA    NA
## 567   2010-06-20      Albury    3.6    13.1    0.0    NA    NA
## 568   2010-06-21      Albury    5.0    12.5    0.4    NA    NA
## 569   2010-06-22      Albury    3.0    14.8    0.0    NA    NA
## 570   2010-06-23      Albury    3.5    16.5    0.0    NA    NA
## 571   2010-06-24      Albury    3.4    17.0    0.0    NA    NA
## 572   2010-06-25      Albury    7.0    16.1    0.0    NA    NA
## 573   2010-06-26      Albury    6.2    12.1   10.2    NA    NA
## 574   2010-06-27      Albury    0.6    11.9    0.2    NA    NA
## 575   2010-06-28      Albury   -0.6     8.3    0.0    NA    NA
## 576   2010-06-29      Albury    2.3     9.4    0.0    NA    NA
## 577   2010-06-30      Albury    5.1     9.8    0.2    NA    NA
## 578   2010-07-01      Albury    3.2    11.9    1.2    NA    NA
## 579   2010-07-02      Albury    0.2    10.9    0.2    NA    NA
## 580   2010-07-03      Albury    1.0    10.3    0.0    NA    NA
## 581   2010-07-04      Albury    1.5    10.8    0.0    NA    NA
## 582   2010-07-05      Albury    1.8    12.1    0.2    NA    NA
## 583   2010-07-06      Albury    2.3    13.9    5.6    NA    NA
## 584   2010-07-07      Albury    1.5    13.5    0.0    NA    NA
## 585   2010-07-08      Albury    2.1    14.8    0.4    NA    NA
## 586   2010-07-09      Albury    0.0    14.6    0.0    NA    NA
## 587   2010-07-10      Albury    1.5    16.1    0.0    NA    NA
## 588   2010-07-11      Albury    5.0    15.4   13.4    NA    NA
## 589   2010-07-12      Albury    3.5    15.3    0.2    NA    NA
## 590   2010-07-13      Albury    3.5    16.3    0.0    NA    NA
## 591   2010-07-14      Albury    6.2    10.0   21.4    NA    NA
## 592   2010-07-15      Albury    3.4    12.2   11.0    NA    NA
## 593   2010-07-16      Albury    0.6    13.1    0.0    NA    NA
## 594   2010-07-17      Albury   -0.4    11.5    0.0    NA    NA
## 595   2010-07-18      Albury    0.7    12.8    0.0    NA    NA
## 596   2010-07-19      Albury    5.0    13.5    1.6    NA    NA
## 597   2010-07-20      Albury    0.5    11.6    0.2    NA    NA
## 598   2010-07-21      Albury    0.6    12.9    0.0    NA    NA
## 599   2010-07-22      Albury   -0.5    13.8    0.0    NA    NA
## 600   2010-07-23      Albury    0.1    15.7    0.0    NA    NA
## 601   2010-07-24      Albury    1.0    14.6    0.0    NA    NA
## 602   2010-07-25      Albury    2.5    14.3    0.2    NA    NA
## 603   2010-07-26      Albury    1.9    14.9    0.2    NA    NA
## 604   2010-07-27      Albury   -1.2    15.0    0.2    NA    NA
## 605   2010-07-28      Albury    2.1    12.6    0.0    NA    NA
## 606   2010-07-29      Albury    5.8    14.8    6.2    NA    NA
## 607   2010-07-30      Albury    8.9    14.9    0.0    NA    NA
## 608   2010-07-31      Albury    7.5    12.3    2.2    NA    NA
## 609   2010-08-01      Albury    7.5    10.1    4.2    NA    NA
## 610   2010-08-02      Albury    5.4    14.7   18.6    NA    NA
## 611   2010-08-03      Albury    1.2    15.7    0.0    NA    NA
## 612   2010-08-04      Albury    1.2     9.6    0.0    NA    NA
## 613   2010-08-05      Albury     NA    11.8     NA    NA    NA
## 614   2010-08-06      Albury    0.7    12.6    0.2    NA    NA
## 615   2010-08-07      Albury   -0.6    13.1    0.2    NA    NA
## 616   2010-08-08      Albury   -1.3    12.6    0.0    NA    NA
## 617   2010-08-09      Albury    0.3    15.5    0.0    NA    NA
## 618   2010-08-10      Albury    4.4    16.0    7.2    NA    NA
## 619   2010-08-11      Albury    7.2    10.4    8.2    NA    NA
```

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## 620   2010-08-12      Albury     4.5   14.9   10.8    NA   NA
## 621   2010-08-13      Albury     1.6   15.0    0.0    NA   NA
## 622   2010-08-14      Albury     3.2   13.0    0.0    NA   NA
## 623   2010-08-15      Albury     7.2   12.1    1.8    NA   NA
## 624   2010-08-16      Albury     6.4   11.8   10.2    NA   NA
## 625   2010-08-17      Albury    -1.0   12.1    3.8    NA   NA
## 626   2010-08-18      Albury     1.3   11.8    0.2    NA   NA
## 627   2010-08-19      Albury     5.0   15.1   15.4    NA   NA
## 628   2010-08-20      Albury     4.5   11.7    2.0    NA   NA
## 629   2010-08-21      Albury     6.3   12.9    0.0    NA   NA
## 630   2010-08-22      Albury     2.1   15.3    0.2    NA   NA
## 631   2010-08-23      Albury     4.1   12.8    0.2    NA   NA
## 632   2010-08-24      Albury     6.4   13.3    1.8    NA   NA
## 633   2010-08-25      Albury     4.2   10.7    1.8    NA   NA
## 634   2010-08-26      Albury     5.4   11.8    9.6    NA   NA
## 635   2010-08-27      Albury     6.8   13.4    4.0    NA   NA
## 636   2010-08-28      Albury     0.9   14.4    0.0    NA   NA
## 637   2010-08-29      Albury     1.9   15.2    0.0    NA   NA
## 638   2010-08-30      Albury     2.3   15.4    0.0    NA   NA
## 639   2010-08-31      Albury     2.9   14.2    0.0    NA   NA
## 640   2010-09-01      Albury     7.1   15.1    0.0    NA   NA
## 641   2010-09-02      Albury    10.0   16.8    0.8    NA   NA
## 642   2010-09-03      Albury     7.1   17.6    0.0    NA   NA
## 643   2010-09-04      Albury    10.1   17.7   21.8    NA   NA
## 644   2010-09-05      Albury     9.8   14.2   20.8    NA   NA
## 645   2010-09-06      Albury     6.8   12.8    2.4    NA   NA
## 646   2010-09-07      Albury     2.3   15.1    1.2    NA   NA
## 647   2010-09-08      Albury     1.7   15.9    0.0    NA   NA
## 648   2010-09-09      Albury     7.2   14.7    0.0    NA   NA
## 649   2010-09-10      Albury     8.1   14.0   24.8    NA   NA
## 650   2010-09-11      Albury     2.6   15.9    3.2    NA   NA
## 651   2010-09-12      Albury     4.5   16.3    0.0    NA   NA
## 652   2010-09-13      Albury     6.0   18.7    0.4    NA   NA
## 653   2010-09-14      Albury     5.8   19.0    0.0    NA   NA
## 654   2010-09-15      Albury     5.5   13.6    0.0    NA   NA
## 655   2010-09-16      Albury     7.5   13.4    0.0    NA   NA
## 656   2010-09-17      Albury     4.3   14.3    0.2    NA   NA
## 657   2010-09-18      Albury     3.3   13.9    0.0    NA   NA
## 658   2010-09-19      Albury     2.4   16.4    0.0    NA   NA
## 659   2010-09-20      Albury     2.8   18.7    0.0    NA   NA
## 660   2010-09-21      Albury     5.0   19.6    0.0    NA   NA
## 661   2010-09-22      Albury     8.6   20.1    0.0    NA   NA
## 662   2010-09-23      Albury     5.7   19.9    0.0    NA   NA
## 663   2010-09-24      Albury     3.7   19.1    0.0    NA   NA
## 664   2010-09-25      Albury     5.6   19.7    0.0    NA   NA
## 665   2010-09-26      Albury     5.4   20.6    0.0    NA   NA
## 666   2010-09-27      Albury     6.5   20.0    0.0    NA   NA
## 667   2010-09-28      Albury     5.4   14.6    0.0    NA   NA
## 668   2010-09-29      Albury     3.7   14.3    0.0    NA   NA
## 669   2010-09-30      Albury    -0.1   14.6    0.0    NA   NA
## 670   2010-10-01      Albury     4.1   17.4    0.0    NA   NA
## 671   2010-10-02      Albury     4.8   21.1    0.0    NA   NA
## 672   2010-10-03      Albury     7.4   23.0    0.0    NA   NA
## 673   2010-10-04      Albury     8.2   23.2    0.0    NA   NA
```

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## 674   2010-10-05      Albury   10.1    25.9     0.0      NA    NA
## 675   2010-10-06      Albury   11.1    24.9     0.0      NA    NA
## 676   2010-10-07      Albury    7.3    15.9    10.0      NA    NA
## 677   2010-10-08      Albury    4.2    19.0     0.0      NA    NA
## 678   2010-10-09      Albury    5.4    20.8     0.0      NA    NA
## 679   2010-10-10      Albury    8.2    23.2     0.0      NA    NA
## 680   2010-10-11      Albury    7.6    23.7     0.0      NA    NA
## 681   2010-10-12      Albury   14.5    19.9     0.8      NA    NA
## 682   2010-10-13      Albury   14.7    18.0    11.4      NA    NA
## 683   2010-10-14      Albury   12.7    19.1    19.0      NA    NA
## 684   2010-10-15      Albury   13.8    18.6    22.2      NA    NA
## 685   2010-10-16      Albury    4.8    12.8    32.8      NA    NA
## 686   2010-10-17      Albury    6.3    15.4     0.0      NA    NA
## 687   2010-10-18      Albury    9.2    17.4     0.0      NA    NA
## 688   2010-10-19      Albury    4.8    19.0     0.0      NA    NA
## 689   2010-10-20      Albury    5.7    21.8     0.0      NA    NA
## 690   2010-10-21      Albury    8.0    23.3     0.0      NA    NA
## 691   2010-10-22      Albury    9.5    25.8     0.0      NA    NA
## 692   2010-10-23      Albury   14.8    19.0     0.4      NA    NA
## 693   2010-10-24      Albury    8.2    22.2     2.4      NA    NA
## 694   2010-10-25      Albury   10.9    22.2     0.0      NA    NA
## 695   2010-10-26      Albury    8.8    23.5     0.0      NA    NA
## 696   2010-10-27      Albury   10.2    22.3     1.6      NA    NA
## 697   2010-10-28      Albury    8.8    23.6     0.0      NA    NA
## 698   2010-10-29      Albury   10.3    25.6     0.0      NA    NA
## 699   2010-10-30      Albury   16.0    19.5     3.4      NA    NA
## 700   2010-10-31      Albury   13.8    18.7    50.8      NA    NA
## 701   2010-11-01      Albury   10.2    18.9     1.2      NA    NA
## 702   2010-11-02      Albury    7.1    20.3     0.0      NA    NA
## 703   2010-11-03      Albury   10.7    18.0     0.0      NA    NA
## 704   2010-11-04      Albury   10.1    18.8     0.0      NA    NA
## 705   2010-11-05      Albury   11.1    21.0     0.0      NA    NA
## 706   2010-11-06      Albury    7.5    22.9     0.0      NA    NA
## 707   2010-11-07      Albury    9.3    24.5     0.0      NA    NA
## 708   2010-11-08      Albury   14.7    24.7     2.2      NA    NA
## 709   2010-11-09      Albury   11.6    27.7     0.0      NA    NA
## 710   2010-11-10      Albury   15.5    29.0     0.0      NA    NA
## 711   2010-11-11      Albury   15.2    30.5     0.6      NA    NA
## 712   2010-11-12      Albury   17.5    31.3     0.0      NA    NA
## 713   2010-11-13      Albury   21.1    26.9     0.0      NA    NA
## 714   2010-11-14      Albury   19.2    22.6    52.6      NA    NA
## 715   2010-11-15      Albury   15.9    23.1     2.4      NA    NA
## 716   2010-11-16      Albury   11.4    20.8     0.0      NA    NA
## 717   2010-11-17      Albury    8.8    23.3     0.0      NA    NA
## 718   2010-11-18      Albury    9.1    24.8     0.0      NA    NA
## 719   2010-11-19      Albury   12.1    25.5     0.0      NA    NA
## 720   2010-11-20      Albury   12.0    27.3     0.0      NA    NA
## 721   2010-11-21      Albury   12.7    29.7     0.0      NA    NA
## 722   2010-11-22      Albury   14.7    29.9     0.0      NA    NA
## 723   2010-11-23      Albury   14.8    29.4     0.0      NA    NA
## 724   2010-11-24      Albury   18.1    30.1     0.0      NA    NA
## 725   2010-11-25      Albury   18.9    27.6     0.0      NA    NA
## 726   2010-11-26      Albury   17.9    24.2     4.0      NA    NA
## 727   2010-11-27      Albury   14.8    27.6    19.2      NA    NA
```

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## 728   2010-11-28        Albury     17.8    21.4    18.8      NA      NA
## 729   2010-11-29        Albury     13.6    22.6    14.8      NA      NA
## 730   2010-11-30        Albury     14.4    23.3     1.6      NA      NA
## 731   2010-12-01        Albury     16.7    23.9    12.0      NA      NA
## 732   2010-12-02        Albury     16.1    26.6     0.6      NA      NA
## 733   2010-12-03        Albury     15.7    27.3    18.4      NA      NA
## 734   2010-12-04        Albury     17.3    29.9     1.2      NA      NA
## 735   2010-12-05        Albury     16.6    31.6     0.0      NA      NA
## 736   2010-12-06        Albury     18.9    30.4     0.0      NA      NA
## 737   2010-12-07        Albury     21.3    29.8     0.0      NA      NA
## 738   2010-12-08        Albury     20.3    29.7     3.2      NA      NA
## 739   2010-12-09        Albury     18.0    26.7    25.6      NA      NA
## 740   2010-12-10        Albury     16.7    22.5     0.0      NA      NA
## 741   2010-12-11        Albury     11.2    24.3     0.0      NA      NA
## 742   2010-12-12        Albury     15.0    22.2     0.0      NA      NA
## 743   2010-12-13        Albury     10.5    26.2     0.0      NA      NA
## 744   2010-12-14        Albury     13.7    28.8     0.0      NA      NA
## 745   2010-12-15        Albury     16.1    31.1     0.0      NA      NA
## 746   2010-12-16        Albury     15.1    25.6     0.4      NA      NA
## 747   2010-12-17        Albury     10.3    25.9     0.0      NA      NA
## 748   2010-12-18        Albury     14.0    20.8     1.0      NA      NA
## 749   2010-12-19        Albury     10.4    18.0     3.0      NA      NA
## 750   2010-12-20        Albury      8.6    20.5     6.2      NA      NA
## 751   2010-12-21        Albury      9.9    21.2     1.6      NA      NA
## 752   2010-12-22        Albury      9.4    25.9     0.0      NA      NA
## 753   2010-12-23        Albury     12.3    29.2     0.0      NA      NA
## 754   2010-12-24        Albury     13.9    30.8     0.0      NA      NA
## 755   2010-12-25        Albury     19.3    29.1     0.0      NA      NA
## 756   2010-12-26        Albury     17.5    30.0     1.0      NA      NA
## 757   2010-12-27        Albury     11.3    22.2     0.0      NA      NA
## 758   2010-12-28        Albury      9.1    26.7     0.0      NA      NA
## 759   2010-12-29        Albury     13.5    31.0     0.0      NA      NA
## 760   2010-12-30        Albury     14.8    34.0     0.0      NA      NA
## 761   2010-12-31        Albury     15.7    38.1     0.0      NA      NA
## 762   2011-01-01        Albury     23.2    35.8     0.0      NA      NA
## 763   2011-01-02        Albury     20.1    31.1     0.6      NA      NA
## 764   2011-01-03        Albury     13.6    29.4     0.0      NA      NA
## 765   2011-01-04        Albury     13.9    29.2     0.0      NA      NA
## 766   2011-01-05        Albury     16.0    28.9     0.0      NA      NA
## 767   2011-01-06        Albury     16.5    31.6     0.0      NA      NA
## 768   2011-01-07        Albury     16.1    30.7     0.0      NA      NA
## 769   2011-01-08        Albury     17.8    32.0     0.0      NA      NA
## 770   2011-01-09        Albury     20.1    33.0     0.0      NA      NA
## 771   2011-01-10        Albury     20.1    32.0    35.0      NA      NA
## 772   2011-01-11        Albury     21.6    26.4     1.4      NA      NA
## 773   2011-01-12        Albury     21.5    28.9     5.0      NA      NA
## 774   2011-01-13        Albury     22.1    30.6    14.2      NA      NA
## 775   2011-01-14        Albury     24.0    25.5     2.4      NA      NA
## 776   2011-01-15        Albury     19.9    31.4    13.8      NA      NA
## 777   2011-01-16        Albury     18.5    33.7     0.0      NA      NA
## 778   2011-01-17        Albury     19.8    26.9     0.0      NA      NA
## 779   2011-01-18        Albury     12.9    27.2     0.0      NA      NA
## 780   2011-01-19        Albury     12.9    29.3     0.0      NA      NA
## 781   2011-01-20        Albury     16.1    31.9     0.0      NA      NA
```

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## 782   2011-01-21        Albury    17.8    32.5      0.0       NA      NA
## 783   2011-01-22        Albury    19.8    34.6      0.0       NA      NA
## 784   2011-01-23        Albury    20.7    31.4      0.0       NA      NA
## 785   2011-01-24        Albury    19.8    30.6      0.0       NA      NA
## 786   2011-01-25        Albury    14.9    32.0      0.0       NA      NA
## 787   2011-01-26        Albury    21.1    34.4      0.0       NA      NA
## 788   2011-01-27        Albury    14.3    31.6      0.0       NA      NA
## 789   2011-01-28        Albury    12.6    32.3      0.0       NA      NA
## 790   2011-01-29        Albury    14.5    32.0      0.0       NA      NA
## 791   2011-01-30        Albury    16.7    35.4      0.0       NA      NA
## 792   2011-01-31        Albury    19.9    38.2      0.0       NA      NA
## 793   2011-02-01        Albury    20.5    39.8      0.0       NA      NA
## 794   2011-02-02        Albury    21.9    33.7      0.0       NA      NA
## 795   2011-02-03        Albury    21.9    36.0      3.4       NA      NA
## 796   2011-02-04        Albury    22.5    28.2      2.6       NA      NA
## 797   2011-02-05        Albury    20.4    23.0     99.2       NA      NA
## 798   2011-02-06        Albury    14.7    21.5     51.0       NA      NA
## 799   2011-02-07        Albury    10.8    25.5      0.0       NA      NA
## 800   2011-02-08        Albury    13.4    27.3      0.0       NA      NA
## 801   2011-02-09        Albury    15.0    29.4      0.0       NA      NA
## 802   2011-02-10        Albury    17.0    29.7      0.0       NA      NA
## 803   2011-02-11        Albury    19.8    24.8     39.8       NA      NA
## 804   2011-02-12        Albury    18.7    28.5     28.2       NA      NA
## 805   2011-02-13        Albury    15.1    28.6      0.0       NA      NA
## 806   2011-02-14        Albury    14.5    29.2      0.0       NA      NA
## 807   2011-02-15        Albury    16.4    28.0      0.0       NA      NA
## 808   2011-02-16        Albury    18.9    22.0      0.2       NA      NA
## 809   2011-02-17        Albury    18.9    29.2      5.8       NA      NA
## 810   2011-02-18        Albury    19.3    30.7      0.0       NA      NA
## 811   2011-02-19        Albury    21.7    29.0     12.2       NA      NA
## 812   2011-02-20        Albury    16.7    25.7     12.8       NA      NA
## 813   2011-02-21        Albury    10.1    22.5      0.0       NA      NA
## 814   2011-02-22        Albury    12.3    25.2      0.0       NA      NA
## 815   2011-02-23        Albury    12.6    28.0      0.2       NA      NA
## 816   2011-02-24        Albury    13.9    29.2      0.0       NA      NA
## 817   2011-02-25        Albury    16.5    29.8      0.0       NA      NA
## 818   2011-02-26        Albury    15.6    30.9      0.0       NA      NA
## 819   2011-02-27        Albury    19.6    24.8      0.2       NA      NA
## 820   2011-02-28        Albury    17.9    30.0     11.8       NA      NA
## 821   2011-03-01        Albury    16.0    22.8      0.0       NA      NA
## 822   2011-03-02        Albury     8.8    23.4      0.0       NA      NA
## 823   2011-03-03        Albury     8.4    22.3      0.0       NA      NA
## 824   2011-03-04        Albury     8.6    22.1      0.0       NA      NA
## 825   2011-03-05        Albury    11.5    25.0      0.0       NA      NA
## 826   2011-03-06        Albury     9.6    25.3      0.0       NA      NA
## 827   2011-03-07        Albury    10.6    26.6      0.0       NA      NA
## 828   2011-03-08        Albury    11.4    28.7      0.0       NA      NA
## 829   2011-03-09        Albury    16.8    27.0      0.0       NA      NA
## 830   2011-03-10        Albury    18.7    20.8     13.4       NA      NA
## 831   2011-03-11        Albury    16.8    27.0     10.2       NA      NA
## 832   2011-03-12        Albury    17.2    28.2      0.6       NA      NA
## 833   2011-03-13        Albury    19.6    29.3      0.6       NA      NA
## 834   2011-03-14        Albury    18.2    26.9     19.8       NA      NA
## 835   2011-03-15        Albury    16.3    28.4      0.2       NA      NA
```

```
## 836   2011-03-16      Albury   17.1   28.2    0.4      NA      NA
## 837   2011-03-17      Albury   12.1   25.9    0.2      NA      NA
## 838   2011-03-18      Albury   12.8   26.3    0.0      NA      NA
## 839   2011-03-19      Albury   13.3   27.4    0.0      NA      NA
## 840   2011-03-20      Albury   13.9   28.1    0.0      NA      NA
## 841   2011-03-21      Albury   18.2   25.9    0.0      NA      NA
## 842   2011-03-22      Albury   18.6   26.8    0.0      NA      NA
## 843   2011-03-23      Albury   16.3   20.1    0.0      NA      NA
## 844   2011-03-24      Albury   13.9   22.0    8.0      NA      NA
## 845   2011-03-25      Albury   13.3   22.1    0.0      NA      NA
## 846   2011-03-26      Albury    9.6   24.2    0.0      NA      NA
## 847   2011-03-27      Albury    9.8   23.0    0.0      NA      NA
## 848   2011-03-28      Albury   10.2   24.7    0.0      NA      NA
## 849   2011-03-29      Albury   11.5   25.7    0.0      NA      NA
## 850   2011-03-30      Albury   12.3   25.8    0.0      NA      NA
## 851   2011-03-31      Albury    7.2   22.1    0.2      NA      NA
## 852   2011-05-01      Albury    8.7   20.4    0.0      NA      NA
## 853   2011-05-02      Albury   12.3   22.3    0.0      NA      NA
## 854   2011-05-03      Albury    9.0   21.9    0.0      NA      NA
## 855   2011-05-04      Albury    6.7   19.0    0.6      NA      NA
## 856   2011-05-05      Albury    4.4   18.1    0.2      NA      NA
## 857   2011-05-06      Albury    2.8   16.8    0.0      NA      NA
## 858   2011-05-07      Albury    3.4   15.9    0.0      NA      NA
## 859   2011-05-08      Albury    2.1   16.8    0.0      NA      NA
## 860   2011-05-09      Albury    3.8   16.1    0.0      NA      NA
## 861   2011-05-10      Albury    1.1   15.2    0.0      NA      NA
## 862   2011-05-11      Albury    3.0   11.0    3.6      NA      NA
## 863   2011-05-12      Albury    0.2   10.1    0.4      NA      NA
## 864   2011-05-13      Albury    3.8   14.1    5.0      NA      NA
## 865   2011-05-14      Albury    3.8   14.3    1.8      NA      NA
## 866   2011-05-15      Albury   -0.7   13.7    0.0      NA      NA
## 867   2011-05-16      Albury    0.8   11.2    0.0      NA      NA
## 868   2011-05-17      Albury    0.5   15.8    0.0      NA      NA
## 869   2011-05-18      Albury    2.3   17.9    0.0      NA      NA
## 870   2011-05-19      Albury    2.7   16.0    0.0      NA      NA
## 871   2011-05-20      Albury    4.5   18.6    0.0      NA      NA
## 872   2011-05-21      Albury    3.3   20.5    0.0      NA      NA
## 873   2011-05-22      Albury    5.8   22.0    0.0      NA      NA
## 874   2011-05-23      Albury   10.2   15.0   17.4      NA      NA
## 875   2011-05-24      Albury    8.9   15.6    3.6      NA      NA
## 876   2011-05-25      Albury    3.1   14.7    0.0      NA      NA
## 877   2011-05-26      Albury    1.3   14.9    0.0      NA      NA
## 878   2011-05-27      Albury    1.9   13.8    0.0      NA      NA
## 879   2011-05-28      Albury    2.6   13.9    0.0      NA      NA
## 880   2011-05-29      Albury    2.5   14.8    0.0      NA      NA
## 881   2011-05-30      Albury    3.6   15.9    0.0      NA      NA
## 882   2011-05-31      Albury    2.8   19.4    0.0      NA      NA
## 883   2011-06-01      Albury    3.1   19.8    0.0      NA      NA
## 884   2011-06-02      Albury    2.9   17.6    0.0      NA      NA
## 885   2011-06-03      Albury    4.3   18.3    0.0      NA      NA
## 886   2011-06-04      Albury    8.5   14.8    8.8      NA      NA
## 887   2011-06-05      Albury    2.2   12.0    0.0      NA      NA
## 888   2011-06-06      Albury    4.9   12.8    2.0      NA      NA
## 889   2011-06-07      Albury   -0.5    9.8    0.0      NA      NA
```

```
## 890   2011-06-08      Albury    1.5    10.2    2.6     NA     NA
## 891   2011-06-09      Albury    2.9    14.6    0.0     NA     NA
## 892   2011-06-10      Albury   -1.1    14.0    0.0     NA     NA
## 893   2011-06-11      Albury   -1.4    13.9    0.0     NA     NA
## 894   2011-06-12      Albury    1.0    16.1    0.2     NA     NA
## 895   2011-06-13      Albury   -0.3    15.9    0.0     NA     NA
## 896   2011-06-14      Albury    1.7    16.7    0.0     NA     NA
## 897   2011-06-15      Albury    0.5    16.9    0.0     NA     NA
## 898   2011-06-16      Albury    1.0    16.1    0.0     NA     NA
## 899   2011-06-17      Albury    3.0    12.6    1.0     NA     NA
## 900   2011-06-18      Albury    5.7    12.5    0.2     NA     NA
## 901   2011-06-19      Albury    3.3    11.8    0.0     NA     NA
## 902   2011-06-20      Albury    7.6    14.6    3.6     NA     NA
## 903   2011-06-21      Albury    6.6    11.6   10.6     NA     NA
## 904   2011-06-22      Albury    5.9    11.1    0.6     NA     NA
## 905   2011-06-23      Albury    6.2    14.2    3.4     NA     NA
## 906   2011-06-24      Albury    2.9    13.1    0.0     NA     NA
## 907   2011-06-25      Albury    5.5    15.5    0.4     NA     NA
## 908   2011-06-26      Albury    3.2    15.7    0.0     NA     NA
## 909   2011-06-27      Albury    0.9    16.4    0.0     NA     NA
## 910   2011-06-28      Albury   -0.2    15.2    0.0     NA     NA
## 911   2011-06-29      Albury    0.9    16.6    0.0     NA     NA
## 912   2011-06-30      Albury    0.3    15.2    0.0     NA     NA
## 913   2011-07-01      Albury    0.3    14.1    0.0     NA     NA
## 914   2011-07-02      Albury    0.2    15.2    0.0     NA     NA
## 915   2011-07-03      Albury    2.9    14.8    0.0     NA     NA
## 916   2011-07-04      Albury    6.3    14.8   15.4     NA     NA
## 917   2011-07-05      Albury    6.9    11.2    3.8     NA     NA
## 918   2011-07-06      Albury    7.0    10.8    1.2     NA     NA
## 919   2011-07-07      Albury    6.8    11.2    4.4     NA     NA
## 920   2011-07-08      Albury   -0.5     8.3    0.0     NA     NA
## 921   2011-07-09      Albury    4.3     9.2    4.2     NA     NA
## 922   2011-07-10      Albury    6.4    11.0    0.0     NA     NA
## 923   2011-07-11      Albury    4.7    11.8    6.6     NA     NA
## 924   2011-07-12      Albury    5.7    10.5    0.0     NA     NA
## 925   2011-07-13      Albury    7.1     9.8    0.0     NA     NA
## 926   2011-07-14      Albury   -0.3    12.6    4.0     NA     NA
## 927   2011-07-15      Albury   -1.6    12.1    0.0     NA     NA
## 928   2011-07-16      Albury    0.2    14.1    0.0     NA     NA
## 929   2011-07-17      Albury    5.3    11.1    0.0     NA     NA
## 930   2011-07-18      Albury    8.4    11.0    8.8     NA     NA
## 931   2011-07-19      Albury    0.4    14.5    1.8     NA     NA
## 932   2011-07-20      Albury    0.3    16.7    0.2     NA     NA
## 933   2011-07-21      Albury    3.5    17.2    0.0     NA     NA
## 934   2011-07-22      Albury    6.9    15.6    0.0     NA     NA
## 935   2011-07-23      Albury    0.1    14.6    0.0     NA     NA
## 936   2011-07-24      Albury    1.6     9.3    0.2     NA     NA
## 937   2011-07-25      Albury    5.5    13.2   16.2     NA     NA
## 938   2011-07-26      Albury    4.1    14.1    2.2     NA     NA
## 939   2011-07-27      Albury    0.5    14.5    0.0     NA     NA
## 940   2011-07-28      Albury    0.2    13.1    0.0     NA     NA
## 941   2011-07-29      Albury   -1.4    14.7    0.0     NA     NA
## 942   2011-07-30      Albury    0.6    16.1    0.2     NA     NA
## 943   2011-07-31      Albury    4.9    14.7    1.0     NA     NA
```

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## 944  2011-08-01    Albury     3.4   19.0    0.0    NA    NA
## 945  2011-08-02    Albury     6.5   20.6    0.0    NA    NA
## 946  2011-08-03    Albury     3.9   21.5    0.2    NA    NA
## 947  2011-08-04    Albury     7.1   22.9    0.0    NA    NA
## 948  2011-08-05    Albury     5.6   20.7    0.0    NA    NA
## 949  2011-08-06    Albury     9.9   12.9   14.6    NA    NA
## 950  2011-08-07    Albury     5.3   11.1    4.2    NA    NA
## 951  2011-08-08    Albury     7.1   12.3    8.2    NA    NA
## 952  2011-08-09    Albury     3.1   10.1    1.2    NA    NA
## 953  2011-08-10    Albury     6.3   10.9    3.6    NA    NA
## 954  2011-08-11    Albury     3.4   16.8    2.8    NA    NA
## 955  2011-08-12    Albury     1.6   16.3    0.0    NA    NA
## 956  2011-08-13    Albury     0.7   13.4    0.0    NA    NA
## 957  2011-08-14    Albury     4.3   17.3    0.0    NA    NA
## 958  2011-08-15    Albury     3.9   13.8    1.2    NA    NA
## 959  2011-08-16    Albury     9.0   19.4    0.2    NA    NA
## 960  2011-08-17    Albury     7.1   12.6    5.6    NA    NA
## 961  2011-08-18    Albury     7.4   10.8   30.8    NA    NA
## 962  2011-08-19    Albury     6.9   19.3    0.8    NA    NA
## 963  2011-08-20    Albury     3.2   17.3    0.0    NA    NA
## 964  2011-08-21    Albury     2.1   18.0    0.0    NA    NA
## 965  2011-08-22    Albury     1.8   17.7    0.0    NA    NA
## 966  2011-08-23    Albury     2.5   16.9    0.0    NA    NA
## 967  2011-08-24    Albury     2.4   17.5    0.0    NA    NA
## 968  2011-08-25    Albury     2.5   20.7    0.0    NA    NA
## 969  2011-08-26    Albury     1.9   16.6    0.0    NA    NA
## 970  2011-08-27    Albury     0.8   16.8    0.0    NA    NA
## 971  2011-08-28    Albury     0.4   16.2    0.0    NA    NA
## 972  2011-08-29    Albury     1.4   15.9    0.0    NA    NA
## 973  2011-08-30    Albury     0.6   15.7    0.0    NA    NA
## 974  2011-08-31    Albury     0.4   15.8    0.0    NA    NA
## 975  2011-09-01    Albury     2.6   18.3    0.0    NA    NA
## 976  2011-09-02    Albury     2.8   20.4    0.0    NA    NA
## 977  2011-09-03    Albury     2.6   19.6    0.0    NA    NA
## 978  2011-09-04    Albury     6.5   16.8    0.0    NA    NA
## 979  2011-09-05    Albury     4.8   21.4    3.2    NA    NA
## 980  2011-09-06    Albury    10.8   18.8    5.0    NA    NA
## 981  2011-09-07    Albury    -0.1   14.4    1.0    NA    NA
## 982  2011-09-08    Albury     0.4   15.9    0.0    NA    NA
## 983  2011-09-09    Albury     2.7   14.0    0.0    NA    NA
## 984  2011-09-10    Albury     4.0     NA    0.2    NA    NA
## 985  2011-09-11    Albury      NA     NA     NA    NA    NA
## 986  2011-09-12    Albury      NA     NA     NA    NA    NA
## 987  2011-09-13    Albury      NA   15.8     NA    NA    NA
## 988  2011-09-14    Albury     0.9   20.8     NA    NA    NA
## 989  2011-09-15    Albury     1.7   17.2    0.0    NA    NA
## 990  2011-09-16    Albury     4.4   20.8    0.0    NA    NA
## 991  2011-09-17    Albury     3.7   21.7    0.0    NA    NA
## 992  2011-09-18    Albury     5.5   23.9    0.0    NA    NA
## 993  2011-09-19    Albury     5.3   26.7    0.0    NA    NA
## 994  2011-09-20    Albury    10.1   13.6    1.0    NA    NA
## 995  2011-09-21    Albury     1.7   18.2    3.6    NA    NA
## 996  2011-09-22    Albury     4.4   22.1    0.0    NA    NA
## 997  2011-09-23    Albury    10.0   18.4    0.0    NA    NA
```

```
## 998  2011-09-24       Albury      1.9    18.3     0.0       NA      NA
## 999  2011-09-25       Albury      8.6    19.8     1.0       NA      NA
## 1000 2011-09-26       Albury      3.1    19.6     0.0       NA      NA
## 1001 2011-09-27       Albury      7.0    21.3     0.0       NA      NA
## 1002 2011-09-28       Albury     11.5    19.2     0.6       NA      NA
## 1003 2011-09-29       Albury     10.7    12.3    28.4       NA      NA
## 1004 2011-09-30       Albury      7.5    15.5     8.2       NA      NA
## 1005 2011-10-01       Albury      8.2    13.5     3.8       NA      NA
## 1006 2011-10-02       Albury      4.2    17.6     5.8       NA      NA
## 1007 2011-10-03       Albury      2.9    18.3     0.8       NA      NA
## 1008 2011-10-04       Albury      4.1    19.3     0.0       NA      NA
## 1009 2011-10-05       Albury      5.6    17.8     0.0       NA      NA
## 1010 2011-10-06       Albury     10.2    16.0     0.0       NA      NA
## 1011 2011-10-07       Albury     11.1    21.4     4.2       NA      NA
## 1012 2011-10-08       Albury      8.7    21.8     0.0       NA      NA
## 1013 2011-10-09       Albury     10.7    18.6     0.0       NA      NA
## 1014 2011-10-10       Albury      3.2    14.4     2.0       NA      NA
## 1015 2011-10-11       Albury      5.9    16.7      NA       NA      NA
## 1016 2011-10-12       Albury      2.6    20.3     0.0       NA      NA
## 1017 2011-10-13       Albury      5.3    23.2     0.0       NA      NA
## 1018 2011-10-14       Albury     10.0    24.3     0.0       NA      NA
## 1019 2011-10-15       Albury     10.3    25.5     0.0       NA      NA
## 1020 2011-10-16       Albury      9.1    18.7     0.0       NA      NA
## 1021 2011-10-17       Albury      4.3    20.3     0.0       NA      NA
## 1022 2011-10-18       Albury      5.2    23.7     0.0       NA      NA
## 1023 2011-10-19       Albury      5.7    25.7     0.0       NA      NA
## 1024 2011-10-20       Albury      8.3    28.0     0.0       NA      NA
## 1025 2011-10-21       Albury     11.3    24.7     0.0       NA      NA
## 1026 2011-10-22       Albury     13.3    25.9     0.0       NA      NA
## 1027 2011-10-23       Albury     11.7    30.9     0.0       NA      NA
## 1028 2011-10-24       Albury     18.0    28.4     0.0       NA      NA
## 1029 2011-10-25       Albury     11.9    20.6    12.2       NA      NA
## 1030 2011-10-26       Albury     11.7    23.3     0.0       NA      NA
## 1031 2011-10-27       Albury      8.8    23.8     0.0       NA      NA
## 1032 2011-10-28       Albury     12.4    25.9     0.0       NA      NA
## 1033 2011-10-29       Albury     16.7    25.0     1.2       NA      NA
## 1034 2011-10-30       Albury      9.9    20.1     0.0       NA      NA
## 1035 2011-10-31       Albury      6.4    23.1     0.0       NA      NA
## 1036 2011-11-01       Albury      9.3    24.8     0.0       NA      NA
## 1037 2011-11-02       Albury     11.4    22.2     0.0       NA      NA
## 1038 2011-11-03       Albury      9.3    22.3     0.0       NA      NA
## 1039 2011-11-04       Albury      8.1    26.6     0.0       NA      NA
## 1040 2011-11-05       Albury      9.8    29.6     0.0       NA      NA
## 1041 2011-11-06       Albury     13.8    32.9     0.0       NA      NA
## 1042 2011-11-07       Albury     15.8    28.5     5.4       NA      NA
## 1043 2011-11-08       Albury     16.7    30.1     0.0       NA      NA
## 1044 2011-11-09       Albury     15.7    31.2     0.0       NA      NA
## 1045 2011-11-10       Albury     13.9    22.8    34.8       NA      NA
## 1046 2011-11-11       Albury      9.6    25.3     0.0       NA      NA
## 1047 2011-11-12       Albury     12.5    27.0     0.0       NA      NA
## 1048 2011-11-13       Albury     13.0    28.3     0.0       NA      NA
## 1049 2011-11-14       Albury     16.1    28.3     0.0       NA      NA
## 1050 2011-11-15       Albury     11.9    29.3     0.0       NA      NA
## 1051 2011-11-16       Albury     16.0    22.0     0.0       NA      NA
```

```
## 1052 2011-11-17      Albury    12.8    27.5       0.2      NA      NA
## 1053 2011-11-18      Albury    15.1    31.9       0.0      NA      NA
## 1054 2011-11-19      Albury    19.9    29.6       0.0      NA      NA
## 1055 2011-11-20      Albury    17.4    22.8       0.0      NA      NA
## 1056 2011-11-21      Albury     8.1    23.5       0.0      NA      NA
## 1057 2011-11-22      Albury    11.9    22.7       2.6      NA      NA
## 1058 2011-11-23      Albury    10.0    24.4       0.0      NA      NA
## 1059 2011-11-24      Albury    10.8    26.0       0.0      NA      NA
## 1060 2011-11-25      Albury    15.0    20.0      11.0      NA      NA
## 1061 2011-11-26      Albury    15.0    25.0      44.0      NA      NA
## 1062 2011-11-27      Albury    15.0    27.0      14.0      NA      NA
## 1063 2011-11-28      Albury    12.0    31.5       0.0      NA      NA
## 1064 2011-11-29      Albury    18.4    35.9       0.0      NA      NA
## 1065 2011-11-30      Albury    19.2    21.6      16.6      NA      NA
## 1066 2011-12-01      Albury     7.2    22.9       2.8      NA      NA
## 1067 2011-12-02      Albury    10.6    23.6       0.0      NA      NA
## 1068 2011-12-03      Albury    10.2    27.1       0.0      NA      NA
## 1069 2011-12-04      Albury     9.7    22.9       0.0      NA      NA
## 1070 2011-12-05      Albury     9.6    22.5       0.0      NA      NA
## 1071 2011-12-06      Albury     8.5    25.0       0.0      NA      NA
## 1072 2011-12-07      Albury    12.6    26.6       0.0      NA      NA
## 1073 2011-12-08      Albury    15.0    29.0       0.0      NA      NA
## 1074 2011-12-09      Albury    13.6    29.1       0.0      NA      NA
## 1075 2011-12-10      Albury    17.8    25.1       0.0      NA      NA
## 1076 2011-12-11      Albury    15.8    28.3      12.2      NA      NA
## 1077 2011-12-12      Albury    10.9    26.7       0.0      NA      NA
## 1078 2011-12-13      Albury    12.6    24.6       0.0      NA      NA
## 1079 2011-12-14      Albury    11.0    25.0       0.0      NA      NA
## 1080 2011-12-15      Albury    11.7    27.7       0.0      NA      NA
## 1081 2011-12-16      Albury    14.2    28.9       0.0      NA      NA
## 1082 2011-12-17      Albury    14.0    30.7       0.0      NA      NA
## 1083 2011-12-18      Albury    19.3    25.6       0.0      NA      NA
## 1084 2011-12-19      Albury    18.7    27.8       3.6      NA      NA
## 1085 2011-12-20      Albury    13.4    29.9       0.0      NA      NA
## 1086 2011-12-21      Albury    18.6    28.5       0.0      NA      NA
## 1087 2011-12-22      Albury    16.4    29.6       0.6      NA      NA
## 1088 2011-12-23      Albury    15.2    31.3       0.0      NA      NA
## 1089 2011-12-24      Albury    16.0    33.1       0.0      NA      NA
## 1090 2011-12-25      Albury    17.4    26.6       5.2      NA      NA
## 1091 2011-12-26      Albury    17.0    29.4       9.0      NA      NA
## 1092 2011-12-27      Albury    15.0    29.0       0.0      NA      NA
## 1093 2011-12-28      Albury    15.2    29.4       0.0      NA      NA
## 1094 2011-12-29      Albury    13.8    29.7       0.0      NA      NA
## 1095 2011-12-30      Albury    15.0    30.4       0.0      NA      NA
## 1096 2011-12-31      Albury    15.8    31.8       0.0      NA      NA
## 1097 2012-01-01      Albury    15.7    34.9       0.0      NA      NA
## 1098 2012-01-02      Albury    17.8    36.0       0.0      NA      NA
## 1099 2012-01-03      Albury    19.7    38.9       0.0      NA      NA
## 1100 2012-01-04      Albury    20.5    32.5       0.0      NA      NA
## 1101 2012-01-05      Albury    13.3    30.6       0.4      NA      NA
## 1102 2012-01-06      Albury    12.6    29.2       0.0      NA      NA
## 1103 2012-01-07      Albury    11.7    33.4       0.0      NA      NA
## 1104 2012-01-08      Albury    19.1    26.1       5.6      NA      NA
## 1105 2012-01-09      Albury    12.7    24.6       3.8      NA      NA
```

```
## 1106 2012-01-10     Albury   10.8   24.8     0.0    NA   NA
## 1107 2012-01-11     Albury   12.0   19.5     0.4    NA   NA
## 1108 2012-01-12     Albury    6.2   25.0     1.2    NA   NA
## 1109 2012-01-13     Albury    9.9   28.3     0.0    NA   NA
## 1110 2012-01-14     Albury   13.3   29.4     0.0    NA   NA
## 1111 2012-01-15     Albury   15.1   31.0     0.0    NA   NA
## 1112 2012-01-16     Albury   16.5   31.6     0.0    NA   NA
## 1113 2012-01-17     Albury   18.9   33.4     0.0    NA   NA
## 1114 2012-01-18     Albury   16.1   30.7     0.0    NA   NA
## 1115 2012-01-19     Albury   17.8   36.1     0.4    NA   NA
## 1116 2012-01-20     Albury   20.1   36.2     0.0    NA   NA
## 1117 2012-01-21     Albury   18.5   35.3     0.0    NA   NA
## 1118 2012-01-22     Albury   20.9   33.0     0.0    NA   NA
## 1119 2012-01-23     Albury   14.0   32.1     0.0    NA   NA
## 1120 2012-01-24     Albury   16.3   32.8     0.0    NA   NA
## 1121 2012-01-25     Albury   17.8   35.5     0.0    NA   NA
## 1122 2012-01-26     Albury   17.5   36.4     0.0    NA   NA
## 1123 2012-01-27     Albury   19.9   35.4     0.0    NA   NA
## 1124 2012-01-28     Albury   19.9   34.5     0.0    NA   NA
## 1125 2012-01-29     Albury   20.0   36.0     0.0    NA   NA
## 1126 2012-01-30     Albury   20.8   29.1    26.8    NA   NA
## 1127 2012-01-31     Albury   15.1   27.9     9.0    NA   NA
## 1128 2012-02-01     Albury   14.9   28.5     0.0    NA   NA
## 1129 2012-02-02     Albury   15.2   29.4     0.0    NA   NA
## 1130 2012-02-03     Albury   17.0   29.8     0.0    NA   NA
## 1131 2012-02-04     Albury   15.5   32.5     0.0    NA   NA
## 1132 2012-02-05     Albury   16.0   33.5     0.0    NA   NA
## 1133 2012-02-06     Albury   11.1   25.6     1.4    NA   NA
## 1134 2012-02-07     Albury   10.9   28.1     0.0    NA   NA
## 1135 2012-02-08     Albury   12.0   28.9     0.0    NA   NA
## 1136 2012-02-09     Albury   14.8   24.6     0.0    NA   NA
## 1137 2012-02-10     Albury   13.8   27.4     3.6    NA   NA
## 1138 2012-02-11     Albury   11.5   27.8     0.0    NA   NA
## 1139 2012-02-12     Albury   12.0   29.4     3.2    NA   NA
## 1140 2012-02-13     Albury   13.5   29.7     0.0    NA   NA
## 1141 2012-02-14     Albury   14.7   31.4     0.0    NA   NA
## 1142 2012-02-15     Albury   15.0   31.9     0.0    NA   NA
## 1143 2012-02-16     Albury   16.9   28.3     0.4    NA   NA
## 1144 2012-02-17     Albury   17.6   31.3     0.0    NA   NA
## 1145 2012-02-18     Albury   15.9   31.2     0.0    NA   NA
## 1146 2012-02-19     Albury   19.6   28.0     0.0    NA   NA
## 1147 2012-02-20     Albury   16.1   21.4     0.0    NA   NA
## 1148 2012-02-21     Albury   13.5   28.9     1.4    NA   NA
## 1149 2012-02-22     Albury   14.5   30.5     0.0    NA   NA
## 1150 2012-02-23     Albury   13.7   32.4     0.0    NA   NA
## 1151 2012-02-24     Albury   14.2   34.5     0.0    NA   NA
## 1152 2012-02-25     Albury   15.2   36.1     0.0    NA   NA
## 1153 2012-02-26     Albury   17.6   25.5     1.4    NA   NA
## 1154 2012-02-27     Albury   18.5   28.0    10.6    NA   NA
## 1155 2012-02-28     Albury   18.8   26.6    38.4    NA   NA
## 1156 2012-02-29     Albury   19.5   24.8     0.6    NA   NA
## 1157 2012-03-01     Albury   17.1   20.9   104.2    NA   NA
## 1158 2012-03-02     Albury   17.0   25.8    36.6    NA   NA
## 1159 2012-03-03     Albury   18.8   19.6     0.0    NA   NA
```

```
## 1160 2012-03-04      Albury   16.7   24.8   66.0     NA     NA
## 1161 2012-03-05      Albury   11.8   25.1    0.0     NA     NA
## 1162 2012-03-06      Albury   12.4   26.2    0.0     NA     NA
## 1163 2012-03-07      Albury   15.8   23.2    0.0     NA     NA
## 1164 2012-03-08      Albury   15.1   24.1    0.0     NA     NA
## 1165 2012-03-09      Albury   12.1   27.1    0.4     NA     NA
## 1166 2012-03-10      Albury   10.8   25.9    0.0     NA     NA
## 1167 2012-03-11      Albury   10.0   25.8    0.0     NA     NA
## 1168 2012-03-12      Albury   13.1   27.8    0.0     NA     NA
## 1169 2012-03-13      Albury   13.7   29.9    0.0     NA     NA
## 1170 2012-03-14      Albury   15.5   29.3    0.0     NA     NA
## 1171 2012-03-15      Albury   17.2   30.0    9.6     NA     NA
## 1172 2012-03-16      Albury   19.2   20.4   19.2     NA     NA
## 1173 2012-03-17      Albury   12.6   24.4   17.4     NA     NA
## 1174 2012-03-18      Albury   10.4   25.5    0.0     NA     NA
## 1175 2012-03-19      Albury   11.6   26.3    0.0     NA     NA
## 1176 2012-03-20      Albury   12.4   28.4    0.0     NA     NA
## 1177 2012-03-21      Albury   16.5   27.7    0.0     NA     NA
## 1178 2012-03-22      Albury    8.2   22.1    0.0     NA     NA
## 1179 2012-03-23      Albury   11.0   18.3    0.0     NA     NA
## 1180 2012-03-24      Albury    8.9   19.7    0.4     NA     NA
## 1181 2012-03-25      Albury    6.2   21.0    0.0     NA     NA
## 1182 2012-03-26      Albury    7.7   23.0    0.0     NA     NA
## 1183 2012-03-27      Albury   10.6   22.0    0.0     NA     NA
## 1184 2012-03-28      Albury   13.5   23.4    0.0     NA     NA
## 1185 2012-03-29      Albury    9.4   25.4    1.4     NA     NA
## 1186 2012-03-30      Albury   11.0   26.5    0.0     NA     NA
## 1187 2012-03-31      Albury   10.2   27.6    0.0     NA     NA
## 1188 2012-04-01      Albury   12.6   26.3    0.0     NA     NA
## 1189 2012-04-02      Albury   11.1   25.9    0.0     NA     NA
## 1190 2012-04-03      Albury   12.9   29.9    0.0     NA     NA
## 1191 2012-04-04      Albury   13.1   28.1    0.0     NA     NA
## 1192 2012-04-05      Albury   12.7   28.5    0.0     NA     NA
## 1193 2012-04-06      Albury   14.5   28.6    0.0     NA     NA
## 1194 2012-04-07      Albury   10.1   20.4    0.0     NA     NA
## 1195 2012-04-08      Albury    5.4   19.1    0.0     NA     NA
## 1196 2012-04-09      Albury    5.0   18.6    0.0     NA     NA
## 1197 2012-04-10      Albury    1.0   17.5    0.0     NA     NA
## 1198 2012-04-11      Albury    3.0   20.1    0.0     NA     NA
## 1199 2012-04-12      Albury    4.3   21.7    0.0     NA     NA
## 1200 2012-04-13      Albury    4.8   22.7    0.0     NA     NA
## 1201 2012-04-14      Albury    6.7   19.8    0.0     NA     NA
## 1202 2012-04-15      Albury    9.4   25.4    0.0     NA     NA
## 1203 2012-04-16      Albury    8.2   26.2    0.0     NA     NA
## 1204 2012-04-17      Albury    9.9   24.9    0.0     NA     NA
## 1205 2012-04-18      Albury   13.7   26.2    0.0     NA     NA
## 1206 2012-04-19      Albury   16.9   21.4    0.8     NA     NA
## 1207 2012-04-20      Albury   14.6   22.7   34.2     NA     NA
## 1208 2012-04-21      Albury   11.2   25.4    0.0     NA     NA
## 1209 2012-04-22      Albury   14.0   23.0    1.4     NA     NA
## 1210 2012-04-23      Albury   12.2   22.5    8.2     NA     NA
## 1211 2012-04-24      Albury   10.0   14.2    0.8     NA     NA
## 1212 2012-04-25      Albury    7.3   17.0    1.0     NA     NA
## 1213 2012-04-26      Albury    5.0   17.0    0.0     NA     NA
```

```
## 1214 2012-04-27      Albury     5.5    19.6     0.0      NA    NA
## 1215 2012-04-28      Albury     5.4    19.6     0.0      NA    NA
## 1216 2012-04-29      Albury     4.6    18.4     0.0      NA    NA
## 1217 2012-04-30      Albury     4.4    19.9     0.0      NA    NA
## 1218 2012-05-01      Albury     6.8    20.7     0.0      NA    NA
## 1219 2012-05-02      Albury     7.6    16.3     0.0      NA    NA
## 1220 2012-05-03      Albury     2.0    14.7     1.6      NA    NA
## 1221 2012-05-04      Albury     3.5    15.7     0.0      NA    NA
## 1222 2012-05-05      Albury     3.2    15.5     0.0      NA    NA
## 1223 2012-05-06      Albury     4.1    13.3     0.0      NA    NA
## 1224 2012-05-07      Albury     4.0    14.5     0.0      NA    NA
## 1225 2012-05-08      Albury     5.5    20.3     0.0      NA    NA
## 1226 2012-05-09      Albury     7.2    17.0     0.0      NA    NA
## 1227 2012-05-10      Albury     7.5    21.4     0.4      NA    NA
## 1228 2012-05-11      Albury     6.2    19.5     0.0      NA    NA
## 1229 2012-05-12      Albury     1.0    14.7     0.0      NA    NA
## 1230 2012-05-13      Albury     6.4    14.8     0.0      NA    NA
## 1231 2012-05-14      Albury    -0.4    15.5     0.0      NA    NA
## 1232 2012-05-15      Albury     0.4    17.5     0.0      NA    NA
## 1233 2012-05-16      Albury     3.2    17.0     0.0      NA    NA
## 1234 2012-05-17      Albury     2.3    16.7     0.0      NA    NA
## 1235 2012-05-18      Albury     2.3    15.3     0.0      NA    NA
## 1236 2012-05-19      Albury     2.6    17.8     0.0      NA    NA
## 1237 2012-05-20      Albury     1.9    17.2     0.0      NA    NA
## 1238 2012-05-21      Albury     0.9    15.0     0.0      NA    NA
## 1239 2012-05-22      Albury     1.9    15.6     0.0      NA    NA
## 1240 2012-05-23      Albury     4.2    19.9     0.0      NA    NA
## 1241 2012-05-24      Albury     7.8    17.0     0.0      NA    NA
## 1242 2012-05-25      Albury     5.5     9.4    29.4      NA    NA
## 1243 2012-05-26      Albury     6.7    13.2     6.0      NA    NA
## 1244 2012-05-27      Albury     5.7    15.4     0.4      NA    NA
## 1245 2012-05-28      Albury     1.9    15.9     0.2      NA    NA
## 1246 2012-05-29      Albury     1.7    17.4     0.0      NA    NA
## 1247 2012-05-30      Albury     2.1    18.2     0.0      NA    NA
## 1248 2012-05-31      Albury     1.1    16.1     0.0      NA    NA
## 1249 2012-06-01      Albury     3.5    16.3     0.0      NA    NA
## 1250 2012-06-02      Albury     2.2    14.6     0.0      NA    NA
## 1251 2012-06-03      Albury     5.7    13.7     3.6      NA    NA
## 1252 2012-06-04      Albury     4.8    14.5     0.0      NA    NA
## 1253 2012-06-05      Albury     6.2    16.0     6.0      NA    NA
## 1254 2012-06-06      Albury    -1.0    15.1     0.0      NA    NA
## 1255 2012-06-07      Albury     0.1    14.3     0.0      NA    NA
## 1256 2012-06-08      Albury    -0.8    13.9     0.2      NA    NA
## 1257 2012-06-09      Albury     0.0    14.8     0.0      NA    NA
## 1258 2012-06-10      Albury     0.2    15.6     0.0      NA    NA
## 1259 2012-06-11      Albury    -0.3    15.9     0.0      NA    NA
## 1260 2012-06-12      Albury     0.4    16.4     0.2      NA    NA
## 1261 2012-06-13      Albury     0.2    15.2     0.0      NA    NA
## 1262 2012-06-14      Albury     2.3    16.7     0.0      NA    NA
## 1263 2012-06-15      Albury     7.3    15.6     0.0      NA    NA
## 1264 2012-06-16      Albury     1.4    10.3     0.0      NA    NA
## 1265 2012-06-17      Albury     4.4    11.6     0.0      NA    NA
## 1266 2012-06-18      Albury     1.3    12.7     0.0      NA    NA
## 1267 2012-06-19      Albury     5.6    14.2     2.8      NA    NA
```

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## 1268 2012-06-20       Albury    -1.3   11.7    0.0     NA    NA
## 1269 2012-06-21       Albury     3.0   13.8    0.6     NA    NA
## 1270 2012-06-22       Albury     7.5    9.7    5.2     NA    NA
## 1271 2012-06-23       Albury    -1.7   10.6    0.8     NA    NA
## 1272 2012-06-24       Albury     0.2   11.3    0.4     NA    NA
## 1273 2012-06-25       Albury     3.1   13.3    1.4     NA    NA
## 1274 2012-06-26       Albury     2.4   14.3    1.0     NA    NA
## 1275 2012-06-27       Albury     1.8   13.7    0.0     NA    NA
## 1276 2012-06-28       Albury     1.2   12.3    0.0     NA    NA
## 1277 2012-06-29       Albury     5.5   15.5    3.8     NA    NA
## 1278 2012-06-30       Albury     0.6   11.7    4.6     NA    NA
## 1279 2012-07-01       Albury     3.7    9.6    3.8     NA    NA
## 1280 2012-07-02       Albury     6.4   12.3    4.6     NA    NA
## 1281 2012-07-03       Albury     0.3   12.6    0.0     NA    NA
## 1282 2012-07-04       Albury    -0.2   13.9    0.2     NA    NA
## 1283 2012-07-05       Albury    -1.0   14.2    0.2     NA    NA
## 1284 2012-07-06       Albury    -2.0   12.9    0.0     NA    NA
## 1285 2012-07-07       Albury    -2.5   13.3    0.0     NA    NA
## 1286 2012-07-08       Albury    -1.6   13.7    0.2     NA    NA
## 1287 2012-07-09       Albury     0.2   15.1    0.0     NA    NA
## 1288 2012-07-10       Albury     5.2   11.9    2.4     NA    NA
## 1289 2012-07-11       Albury     9.0   14.0   27.2     NA    NA
## 1290 2012-07-12       Albury     3.8   12.6    0.0     NA    NA
## 1291 2012-07-13       Albury     7.1   15.8   15.4     NA    NA
## 1292 2012-07-14       Albury     9.8   14.5   14.2     NA    NA
## 1293 2012-07-15       Albury     6.4   11.3    9.4     NA    NA
## 1294 2012-07-16       Albury     7.2   12.4    2.8     NA    NA
## 1295 2012-07-17       Albury     8.7   15.4    0.4     NA    NA
## 1296 2012-07-18       Albury     7.7   15.3    0.0     NA    NA
## 1297 2012-07-19       Albury    -0.8   12.7    0.6     NA    NA
## 1298 2012-07-20       Albury     2.3   15.3    0.0     NA    NA
## 1299 2012-07-21       Albury     1.4   15.3    0.0     NA    NA
## 1300 2012-07-22       Albury     0.0   15.7    0.2     NA    NA
## 1301 2012-07-23       Albury    -0.1   16.1    0.0     NA    NA
## 1302 2012-07-24       Albury     0.4   13.6    0.0     NA    NA
## 1303 2012-07-25       Albury     2.9   14.6    0.0     NA    NA
## 1304 2012-07-26       Albury     7.0   14.8    2.4     NA    NA
## 1305 2012-07-27       Albury     6.7   11.5    6.2     NA    NA
## 1306 2012-07-28       Albury     4.1   13.2    4.0     NA    NA
## 1307 2012-07-29       Albury     1.1   13.7    1.8     NA    NA
## 1308 2012-07-30       Albury    -0.6   13.1    0.0     NA    NA
## 1309 2012-07-31       Albury    -1.3   13.9    0.0     NA    NA
## 1310 2012-08-01       Albury    -0.5   13.7    0.2     NA    NA
## 1311 2012-08-02       Albury    -1.8   12.1    0.0     NA    NA
## 1312 2012-08-03       Albury     2.5   14.9    0.0     NA    NA
## 1313 2012-08-04       Albury     1.5   14.9    0.0     NA    NA
## 1314 2012-08-05       Albury     3.0   16.6    2.0     NA    NA
## 1315 2012-08-06       Albury     4.1   11.9    1.4     NA    NA
## 1316 2012-08-07       Albury     2.6   13.4    0.0     NA    NA
## 1317 2012-08-08       Albury    -0.5   16.3    0.0     NA    NA
## 1318 2012-08-09       Albury     5.7   11.8   11.2     NA    NA
## 1319 2012-08-10       Albury    -0.5   15.4    1.0     NA    NA
## 1320 2012-08-11       Albury    -0.7   16.6    0.0     NA    NA
## 1321 2012-08-12       Albury     0.6   16.5    0.0     NA    NA
```

```
## 1322 2012-08-13       Albury    -0.1   15.4     0.0      NA      NA
## 1323 2012-08-14       Albury     1.9   16.0     0.0      NA      NA
## 1324 2012-08-15       Albury     2.1   13.0     1.2      NA      NA
## 1325 2012-08-16       Albury     6.2   14.7     0.6      NA      NA
## 1326 2012-08-17       Albury     6.4   11.7    13.4      NA      NA
## 1327 2012-08-18       Albury     3.0   14.9     6.6      NA      NA
## 1328 2012-08-19       Albury     0.6   13.3     0.0      NA      NA
## 1329 2012-08-20       Albury     2.1   12.4     0.0      NA      NA
## 1330 2012-08-21       Albury     2.1   16.4     0.0      NA      NA
## 1331 2012-08-22       Albury     6.2   19.4     0.0      NA      NA
## 1332 2012-08-23       Albury     8.2   13.6     1.0      NA      NA
## 1333 2012-08-24       Albury     5.3   11.4     9.4      NA      NA
## 1334 2012-08-25       Albury     6.1   10.7     2.0      NA      NA
## 1335 2012-08-26       Albury     7.0   14.2     0.8      NA      NA
## 1336 2012-08-27       Albury    -0.2   14.3     0.0      NA      NA
## 1337 2012-08-28       Albury     1.2   15.3     0.0      NA      NA
## 1338 2012-08-29       Albury     2.9   17.6     0.0      NA      NA
## 1339 2012-08-30       Albury     6.2   12.8     0.6      NA      NA
## 1340 2012-08-31       Albury     3.4   13.4     1.0      NA      NA
## 1341 2012-09-01       Albury    -1.3   15.0     0.4      NA      NA
## 1342 2012-09-02       Albury     0.0   16.2     0.0      NA      NA
## 1343 2012-09-03       Albury     0.6   18.7     0.0      NA      NA
## 1344 2012-09-04       Albury     4.3   21.2     0.0      NA      NA
## 1345 2012-09-05       Albury     2.7   22.1     0.0      NA      NA
## 1346 2012-09-06       Albury     7.7   17.2     0.2      NA      NA
## 1347 2012-09-07       Albury     6.8   13.8     2.6      NA      NA
## 1348 2012-09-08       Albury     7.5   15.2     3.4      NA      NA
## 1349 2012-09-09       Albury     6.8   17.3     0.0      NA      NA
## 1350 2012-09-10       Albury     3.5   19.1     0.0      NA      NA
## 1351 2012-09-11       Albury     2.7   18.8     0.0      NA      NA
## 1352 2012-09-12       Albury     2.6   20.9     0.0      NA      NA
## 1353 2012-09-13       Albury     9.1   15.5     1.6      NA      NA
## 1354 2012-09-14       Albury     0.8   13.7     0.0      NA      NA
## 1355 2012-09-15       Albury     2.4   17.5     0.0      NA      NA
## 1356 2012-09-16       Albury     3.0   17.6     0.0      NA      NA
## 1357 2012-09-17       Albury     4.7   17.9     0.0      NA      NA
## 1358 2012-09-18       Albury     5.0   16.5     0.0      NA      NA
## 1359 2012-09-19       Albury     8.4   19.2    13.2      NA      NA
## 1360 2012-09-20       Albury    10.4   22.1     0.4      NA      NA
## 1361 2012-09-21       Albury    11.9   19.4     0.0      NA      NA
## 1362 2012-09-22       Albury     5.1   19.9     0.2      NA      NA
## 1363 2012-09-23       Albury     4.2   20.7     0.0      NA      NA
## 1364 2012-09-24       Albury     5.3   15.0     0.0      NA      NA
## 1365 2012-09-25       Albury     0.8   17.7     0.0      NA      NA
## 1366 2012-09-26       Albury     2.5   22.0     0.0      NA      NA
## 1367 2012-09-27       Albury     7.6   25.7     0.0      NA      NA
## 1368 2012-09-28       Albury    14.3   24.3     0.0      NA      NA
## 1369 2012-09-29       Albury     8.1   14.0     4.2      NA      NA
## 1370 2012-09-30       Albury     2.6   15.3     0.2      NA      NA
## 1371 2012-10-01       Albury     1.8   19.1     0.0      NA      NA
## 1372 2012-10-02       Albury     4.6   22.2     0.0      NA      NA
## 1373 2012-10-03       Albury     5.2   24.8     0.0      NA      NA
## 1374 2012-10-04       Albury     5.6   28.7     0.0      NA      NA
## 1375 2012-10-05       Albury     7.5   24.3     0.0      NA      NA
```

```
## 1376 2012-10-06      Albury   11.7    13.1      NA      NA      NA
## 1377 2012-10-07      Albury    2.7    17.1    33.4      NA      NA
## 1378 2012-10-08      Albury    3.5    16.8     0.0      NA      NA
## 1379 2012-10-09      Albury    3.5    18.3     0.0      NA      NA
## 1380 2012-10-10      Albury    5.6    16.2     0.0      NA      NA
## 1381 2012-10-11      Albury    7.4    11.6     0.8      NA      NA
## 1382 2012-10-12      Albury    5.0    17.9     7.6      NA      NA
## 1383 2012-10-13      Albury    4.0    18.6     0.0      NA      NA
## 1384 2012-10-14      Albury    4.7    21.0     0.0      NA      NA
## 1385 2012-10-15      Albury    6.4    25.7     0.0      NA      NA
## 1386 2012-10-16      Albury    8.7    19.0     0.0      NA      NA
## 1387 2012-10-17      Albury    5.2    19.0     2.2      NA      NA
## 1388 2012-10-18      Albury    5.5    22.6     0.0      NA      NA
## 1389 2012-10-19      Albury    8.5    27.2     0.0      NA      NA
## 1390 2012-10-20      Albury    8.8    24.9     0.0      NA      NA
## 1391 2012-10-21      Albury    7.9    20.7     0.0      NA      NA
## 1392 2012-10-22      Albury    5.8    19.0     0.0      NA      NA
## 1393 2012-10-23      Albury    4.4    20.7     0.0      NA      NA
## 1394 2012-10-24      Albury    5.4    23.6     0.0      NA      NA
## 1395 2012-10-25      Albury   12.7    23.8     0.0      NA      NA
## 1396 2012-10-26      Albury    7.1    18.5     0.0      NA      NA
## 1397 2012-10-27      Albury    6.3    20.4     0.0      NA      NA
## 1398 2012-10-28      Albury    6.2    23.7     0.0      NA      NA
## 1399 2012-10-29      Albury    9.0    27.0     0.0      NA      NA
## 1400 2012-10-30      Albury   11.0    28.8     0.0      NA      NA
## 1401 2012-10-31      Albury   10.8    31.2     0.0      NA      NA
## 1402 2012-11-01      Albury   17.3    20.6     0.0      NA      NA
## 1403 2012-11-02      Albury    6.4    22.4     0.0      NA      NA
## 1404 2012-11-03      Albury    9.2    24.5     0.0      NA      NA
## 1405 2012-11-04      Albury    9.2    28.5     0.0      NA      NA
## 1406 2012-11-05      Albury   11.6    27.3     0.0      NA      NA
## 1407 2012-11-06      Albury   17.8    29.7     0.4      NA      NA
## 1408 2012-11-07      Albury   18.4    20.0    10.6      NA      NA
## 1409 2012-11-08      Albury   16.1    26.1    24.6      NA      NA
## 1410 2012-11-09      Albury   10.3    21.8     1.6      NA      NA
## 1411 2012-11-10      Albury    6.5    22.9     0.0      NA      NA
## 1412 2012-11-11      Albury    8.3    24.5     0.0      NA      NA
## 1413 2012-11-12      Albury    9.3    31.6     0.0      NA      NA
## 1414 2012-11-13      Albury    9.1    24.6     0.0      NA      NA
## 1415 2012-11-14      Albury    9.9    24.6     0.0      NA      NA
## 1416 2012-11-15      Albury   10.0    26.2     0.0      NA      NA
## 1417 2012-11-16      Albury   13.1    24.1     0.0      NA      NA
## 1418 2012-11-17      Albury    9.0    24.2     0.0      NA      NA
## 1419 2012-11-18      Albury    7.2    21.4     0.0      NA      NA
## 1420 2012-11-19      Albury    5.8    25.3     0.0      NA      NA
## 1421 2012-11-20      Albury    8.3    26.9     0.0      NA      NA
## 1422 2012-11-21      Albury   12.3    32.4     0.0      NA      NA
## 1423 2012-11-22      Albury   10.9    27.4     0.0      NA      NA
## 1424 2012-11-23      Albury   11.1    29.0     0.0      NA      NA
## 1425 2012-11-24      Albury   12.4    32.7     0.0      NA      NA
## 1426 2012-11-25      Albury   15.3    36.7     0.0      NA      NA
## 1427 2012-11-26      Albury   16.6    31.9     0.0      NA      NA
## 1428 2012-11-27      Albury   15.9    28.1     0.2      NA      NA
## 1429 2012-11-28      Albury   16.8    32.5     0.4      NA      NA
```

```
## 1430 2012-11-29     Albury    17.8   37.4    0.0     NA     NA
## 1431 2012-11-30     Albury    23.0   34.4    0.0     NA     NA
## 1432 2013-01-01     Albury    12.1   34.5    0.0     NA     NA
## 1433 2013-01-02     Albury    13.8   33.6    0.0     NA     NA
## 1434 2013-01-03     Albury    15.8   36.9    0.0     NA     NA
## 1435 2013-01-04     Albury    18.6   40.7    0.0     NA     NA
## 1436 2013-01-05     Albury    19.8   43.4    0.0     NA     NA
## 1437 2013-01-06     Albury    20.9   42.0   12.6     NA     NA
## 1438 2013-01-07     Albury    21.9   40.4    0.0     NA     NA
## 1439 2013-01-08     Albury    21.9   39.2    0.0     NA     NA
## 1440 2013-01-09     Albury    13.3   25.1    0.0     NA     NA
## 1441 2013-01-10     Albury    11.2   32.2    0.0     NA     NA
## 1442 2013-01-11     Albury    14.5   38.8    0.0     NA     NA
## 1443 2013-01-12     Albury    17.0   28.8    0.0     NA     NA
## 1444 2013-01-13     Albury    18.1   22.3    0.0     NA     NA
## 1445 2013-01-14     Albury     8.9   27.1    3.2     NA     NA
## 1446 2013-01-15     Albury    11.2   31.4    0.0     NA     NA
## 1447 2013-01-16     Albury    13.6   36.1    0.0     NA     NA
## 1448 2013-01-17     Albury    15.5   39.9    0.0     NA     NA
## 1449 2013-01-18     Albury    18.9   43.1    0.0     NA     NA
## 1450 2013-01-19     Albury    18.1   32.2    0.8     NA     NA
## 1451 2013-01-20     Albury    16.4   34.6    0.0     NA     NA
## 1452 2013-01-21     Albury    19.2   36.8    0.0     NA     NA
## 1453 2013-01-22     Albury    16.6   36.5    0.2     NA     NA
## 1454 2013-01-23     Albury    15.7   34.0    0.0     NA     NA
## 1455 2013-01-24     Albury    15.9   37.0    0.0     NA     NA
## 1456 2013-01-25     Albury    21.2   35.2    0.0     NA     NA
## 1457 2013-01-26     Albury    21.6   36.5    0.0     NA     NA
## 1458 2013-01-27     Albury    15.3   32.9    0.0     NA     NA
## 1459 2013-01-28     Albury    18.4   34.7    0.0     NA     NA
## 1460 2013-01-29     Albury    20.4   32.1    0.0     NA     NA
## 1461 2013-01-30     Albury     9.9   29.9    0.0     NA     NA
## 1462 2013-01-31     Albury    11.5   33.9    0.0     NA     NA
## 1463 2013-03-01     Albury    16.9   26.6    0.4     NA     NA
## 1464 2013-03-02     Albury    14.3   29.2    0.0     NA     NA
## 1465 2013-03-03     Albury    12.0   31.8    0.0     NA     NA
## 1466 2013-03-04     Albury    12.8   31.0    0.0     NA     NA
## 1467 2013-03-05     Albury    13.5   30.9    0.0     NA     NA
## 1468 2013-03-06     Albury    14.4   31.3    0.0     NA     NA
## 1469 2013-03-07     Albury    16.6   33.8    0.0     NA     NA
## 1470 2013-03-08     Albury    17.9   34.9    0.0     NA     NA
## 1471 2013-03-09     Albury    18.6   33.0    0.0     NA     NA
## 1472 2013-03-10     Albury    19.7   35.1    0.0     NA     NA
## 1473 2013-03-11     Albury    20.1   35.7    0.0     NA     NA
## 1474 2013-03-12     Albury    19.4   33.7    0.0     NA     NA
## 1475 2013-03-13     Albury    17.7   33.9    0.0     NA     NA
## 1476 2013-03-14     Albury    15.5   30.7    0.0     NA     NA
## 1477 2013-03-15     Albury    13.8   31.7    0.0     NA     NA
## 1478 2013-03-16     Albury    12.0   27.5    0.0     NA     NA
## 1479 2013-03-17     Albury    11.1   23.0    0.2     NA     NA
## 1480 2013-03-18     Albury     7.1   24.1    0.0     NA     NA
## 1481 2013-03-19     Albury     9.1   26.3    0.0     NA     NA
## 1482 2013-03-20     Albury     9.9   28.6    0.0     NA     NA
## 1483 2013-03-21     Albury    14.9   20.2    2.6     NA     NA
```

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## 1484 2013-03-22    Albury   10.1   23.3   17.4      NA      NA
## 1485 2013-03-23    Albury    9.0   24.2    0.0      NA      NA
## 1486 2013-03-24    Albury    9.5   28.3    0.0      NA      NA
## 1487 2013-03-25    Albury   10.3   27.7    0.0      NA      NA
## 1488 2013-03-26    Albury   14.9   31.3    0.0      NA      NA
## 1489 2013-03-27    Albury   13.8   35.1    0.0      NA      NA
## 1490 2013-03-28    Albury   18.3   22.2   10.4      NA      NA
## 1491 2013-03-29    Albury    6.6   20.4   19.8      NA      NA
## 1492 2013-03-30    Albury    7.0   21.5    0.2      NA      NA
## 1493 2013-03-31    Albury   10.9   23.0    0.0      NA      NA
## 1494 2013-04-01    Albury    8.4   22.9    0.0      NA      NA
## 1495 2013-04-02    Albury    8.5   23.8    0.0      NA      NA
## 1496 2013-04-03    Albury    8.6   22.5    0.0      NA      NA
## 1497 2013-04-04    Albury    8.9   24.3    0.0      NA      NA
## 1498 2013-04-05    Albury   10.3   25.3    0.0      NA      NA
## 1499 2013-04-06    Albury   11.2   25.7    0.0      NA      NA
## 1500 2013-04-07    Albury   10.0   26.7    0.0      NA      NA
## 1501 2013-04-08    Albury   11.5   26.0    0.0      NA      NA
## 1502 2013-04-09    Albury   10.7   26.6    0.0      NA      NA
## 1503 2013-04-10    Albury   10.3   27.1    0.0      NA      NA
## 1504 2013-04-11    Albury   10.3   27.6    0.0      NA      NA
## 1505 2013-04-12    Albury   11.4   28.2    0.0      NA      NA
## 1506 2013-04-13    Albury   10.4   26.7    0.0      NA      NA
## 1507 2013-04-14    Albury   14.4   24.8    0.0      NA      NA
## 1508 2013-04-15    Albury   14.5   23.6    0.8      NA      NA
## 1509 2013-04-16    Albury    8.3   23.8    0.0      NA      NA
## 1510 2013-04-17    Albury    8.9   22.2    0.0      NA      NA
## 1511 2013-04-18    Albury    8.6   23.9    0.0      NA      NA
## 1512 2013-04-19    Albury    5.1   17.8    0.0      NA      NA
## 1513 2013-04-20    Albury    2.6   20.3    0.0      NA      NA
## 1514 2013-04-21    Albury    4.0   21.1    0.0      NA      NA
## 1515 2013-04-22    Albury   10.6   14.6    7.0      NA      NA
## 1516 2013-04-23    Albury   10.9   20.0    1.6      NA      NA
## 1517 2013-04-24    Albury    6.0   16.9    0.0      NA      NA
## 1518 2013-04-25    Albury    5.7   20.5    0.0      NA      NA
## 1519 2013-04-26    Albury    6.0   21.4    0.0      NA      NA
## 1520 2013-04-27    Albury    5.6   23.1    0.0      NA      NA
## 1521 2013-04-28    Albury    7.9   26.5    0.0      NA      NA
## 1522 2013-04-29    Albury    7.9   15.8    0.2      NA      NA
## 1523 2013-04-30    Albury    8.6   20.4    2.6      NA      NA
## 1524 2013-05-01    Albury    9.3   17.9    0.2      NA      NA
## 1525 2013-05-02    Albury    2.5   18.6    0.0      NA      NA
## 1526 2013-05-03    Albury    1.7   20.6    0.0      NA      NA
## 1527 2013-05-04    Albury    6.6   19.7    0.4      NA      NA
## 1528 2013-05-05    Albury    1.6   17.9    0.0      NA      NA
## 1529 2013-05-06    Albury    2.5   18.6    0.0      NA      NA
## 1530 2013-05-07    Albury    3.9     NA    0.0      NA      NA
## 1531 2013-05-08    Albury    7.7   21.9     NA      NA      NA
## 1532 2013-05-09    Albury    4.7   22.3     NA      NA      NA
## 1533 2013-05-10    Albury    6.2   23.2     NA      NA      NA
## 1534 2013-05-11    Albury    5.7   23.4    0.0      NA      NA
## 1535 2013-05-12    Albury    5.0   24.2    0.0      NA      NA
## 1536 2013-05-13    Albury   11.3   15.7    9.8      NA      NA
## 1537 2013-05-14    Albury    1.9   11.6    4.6      NA      NA
```

```
## 1538 2013-05-15        Albury     6.1   13.7    7.4      NA     NA
## 1539 2013-05-16        Albury     9.1   14.0    1.4      NA     NA
## 1540 2013-05-17        Albury     3.5   14.9    1.6      NA     NA
## 1541 2013-05-18        Albury     1.4   13.1    0.0      NA     NA
## 1542 2013-05-19        Albury     0.6   15.0    0.2      NA     NA
## 1543 2013-05-20        Albury     2.9   14.6    1.4      NA     NA
## 1544 2013-05-21        Albury     5.3   14.9    1.0      NA     NA
## 1545 2013-05-22        Albury     2.8   13.5    0.0      NA     NA
## 1546 2013-05-23        Albury     5.4   17.2    0.0      NA     NA
## 1547 2013-05-24        Albury     1.4   17.4    0.0      NA     NA
## 1548 2013-05-25        Albury    -0.2   16.3    0.0      NA     NA
## 1549 2013-05-26        Albury     1.3   12.8    0.2      NA     NA
## 1550 2013-05-27        Albury     1.1   16.6    0.0      NA     NA
## 1551 2013-05-28        Albury     2.7   18.0    0.2      NA     NA
## 1552 2013-05-29        Albury     4.2   19.3    0.0      NA     NA
## 1553 2013-05-30        Albury     7.8   15.2    0.6      NA     NA
## 1554 2013-05-31        Albury    11.2   17.6   16.0      NA     NA
## 1555 2013-06-01        Albury    10.3   15.4   19.4      NA     NA
## 1556 2013-06-02        Albury    11.4   17.3   53.4      NA     NA
## 1557 2013-06-03        Albury     0.6   14.3    0.2      NA     NA
## 1558 2013-06-04        Albury     1.9   14.5    0.0      NA     NA
## 1559 2013-06-05        Albury     3.5   13.6    0.0      NA     NA
## 1560 2013-06-06        Albury     5.8   15.0    0.4      NA     NA
## 1561 2013-06-07        Albury     8.5   16.9    1.2      NA     NA
## 1562 2013-06-08        Albury     1.7   14.6    1.0      NA     NA
## 1563 2013-06-09        Albury     0.6   13.8    0.2      NA     NA
## 1564 2013-06-10        Albury     3.1   13.8    0.0      NA     NA
## 1565 2013-06-11        Albury     3.4   15.6    0.0      NA     NA
## 1566 2013-06-12        Albury     4.9   11.8   15.0      NA     NA
## 1567 2013-06-13        Albury    10.0   13.4   16.8      NA     NA
## 1568 2013-06-14        Albury     4.3   12.2    3.6      NA     NA
## 1569 2013-06-15        Albury     1.2   15.4    0.2      NA     NA
## 1570 2013-06-16        Albury    -0.2   14.3    0.0      NA     NA
## 1571 2013-06-17        Albury     0.3   10.4    0.2      NA     NA
## 1572 2013-06-18        Albury     3.1   15.5    0.6      NA     NA
## 1573 2013-06-19        Albury     0.8   14.5    0.0      NA     NA
## 1574 2013-06-20        Albury     0.0   14.1    0.0      NA     NA
## 1575 2013-06-21        Albury    -0.5   13.2    0.2      NA     NA
## 1576 2013-06-22        Albury    -1.3   13.9    0.0      NA     NA
## 1577 2013-06-23        Albury    -0.4   14.1    0.0      NA     NA
## 1578 2013-06-24        Albury     2.0   13.1    0.0      NA     NA
## 1579 2013-06-25        Albury     7.8   17.0    1.0      NA     NA
## 1580 2013-06-26        Albury     0.9   16.8    0.0      NA     NA
## 1581 2013-06-27        Albury    -0.1   14.1    0.0      NA     NA
## 1582 2013-06-28        Albury     2.0   16.0    0.0      NA     NA
## 1583 2013-06-29        Albury     4.3   18.4    0.0      NA     NA
## 1584 2013-06-30        Albury     1.4   15.7    0.0      NA     NA
## 1585 2013-07-01        Albury     2.0   12.9    0.0      NA     NA
## 1586 2013-07-02        Albury     7.4   16.0    0.6      NA     NA
## 1587 2013-07-03        Albury     3.1   14.8    0.0      NA     NA
## 1588 2013-07-04        Albury     1.9   15.4    0.2      NA     NA
## 1589 2013-07-05        Albury     8.4   12.2    0.0      NA     NA
## 1590 2013-07-06        Albury     4.8   13.3    1.6      NA     NA
## 1591 2013-07-07        Albury     6.1   13.0    2.2      NA     NA
```

```
## 1592 2013-07-08      Albury     4.6    13.9      2.6      NA     NA
## 1593 2013-07-09      Albury    -0.5    12.6      0.0      NA     NA
## 1594 2013-07-10      Albury     3.2    14.9      0.2      NA     NA
## 1595 2013-07-11      Albury     1.7    15.1      0.0      NA     NA
## 1596 2013-07-12      Albury     1.5    15.8      0.0      NA     NA
## 1597 2013-07-13      Albury     5.0    14.8      0.0      NA     NA
## 1598 2013-07-14      Albury     8.0    14.0      5.0      NA     NA
## 1599 2013-07-15      Albury    11.1    14.6      5.0      NA     NA
## 1600 2013-07-16      Albury    10.1    15.5      2.4      NA     NA
## 1601 2013-07-17      Albury    11.1    18.0      2.0      NA     NA
## 1602 2013-07-18      Albury    12.1    20.5      0.0      NA     NA
## 1603 2013-07-19      Albury    13.5    17.3     33.6      NA     NA
## 1604 2013-07-20      Albury     8.3    11.9      4.4      NA     NA
## 1605 2013-07-21      Albury     4.5    11.2      7.2      NA     NA
## 1606 2013-07-22      Albury     4.4    11.7      0.0      NA     NA
## 1607 2013-07-23      Albury     3.4    12.4      0.6      NA     NA
## 1608 2013-07-24      Albury     1.9    14.7      0.0      NA     NA
## 1609 2013-07-25      Albury     0.8    11.3      0.0      NA     NA
## 1610 2013-07-26      Albury     3.5    12.8      0.0      NA     NA
## 1611 2013-07-27      Albury     0.3    13.9      0.0      NA     NA
## 1612 2013-07-28      Albury     3.0    16.1      0.2      NA     NA
## 1613 2013-07-29      Albury     6.2    17.7      5.0      NA     NA
## 1614 2013-07-30      Albury     5.7    13.2      0.2      NA     NA
## 1615 2013-07-31      Albury     5.0    14.5      0.0      NA     NA
## 1616 2013-08-01      Albury     2.8    14.3      0.0      NA     NA
## 1617 2013-08-02      Albury     7.0    15.9      0.0      NA     NA
## 1618 2013-08-03      Albury     4.7    10.4      1.2      NA     NA
## 1619 2013-08-04      Albury     6.3    13.1      1.0      NA     NA
## 1620 2013-08-05      Albury     7.4    13.3      1.6      NA     NA
## 1621 2013-08-06      Albury     8.0    13.6      2.8      NA     NA
## 1622 2013-08-07      Albury     3.4    11.5      0.4      NA     NA
## 1623 2013-08-08      Albury     5.9    15.9      8.2      NA     NA
## 1624 2013-08-09      Albury     2.6    11.2      0.0      NA     NA
## 1625 2013-08-10      Albury     5.7    16.6      2.8      NA     NA
## 1626 2013-08-11      Albury     2.9    15.6      0.0      NA     NA
## 1627 2013-08-12      Albury     5.8    14.9     17.2      NA     NA
## 1628 2013-08-13      Albury     4.6    14.5      1.2      NA     NA
## 1629 2013-08-14      Albury     7.4    18.4      0.0      NA     NA
## 1630 2013-08-15      Albury     1.8    14.1      6.6      NA     NA
## 1631 2013-08-16      Albury     2.1    16.2      0.0      NA     NA
## 1632 2013-08-17      Albury     6.4    14.4      3.8      NA     NA
## 1633 2013-08-18      Albury     4.7    18.3      0.6      NA     NA
## 1634 2013-08-19      Albury     6.6    11.3      6.0      NA     NA
## 1635 2013-08-20      Albury     1.5    10.7      9.8      NA     NA
## 1636 2013-08-21      Albury     2.2    11.0      0.2      NA     NA
## 1637 2013-08-22      Albury     6.4    11.9      4.2      NA     NA
## 1638 2013-08-23      Albury     8.6    12.3      8.8      NA     NA
## 1639 2013-08-24      Albury     6.0    15.0      4.2      NA     NA
## 1640 2013-08-25      Albury     8.1    16.2      0.0      NA     NA
## 1641 2013-08-26      Albury     9.5    17.1      0.0      NA     NA
## 1642 2013-08-27      Albury     8.1    17.8      0.4      NA     NA
## 1643 2013-08-28      Albury     5.4    20.8      0.0      NA     NA
## 1644 2013-08-29      Albury     9.8    20.0      2.8      NA     NA
## 1645 2013-08-30      Albury    10.2    18.5      3.6      NA     NA
```

```
## 1646 2013-08-31       Albury    6.1   20.7     0.2       NA     NA
## 1647 2013-09-01       Albury    5.3   22.2     0.0       NA     NA
## 1648 2013-09-02       Albury    7.0   23.8     0.0       NA     NA
## 1649 2013-09-03       Albury    8.0   23.3     0.0       NA     NA
## 1650 2013-09-04       Albury    7.5   23.7     0.0       NA     NA
## 1651 2013-09-05       Albury   11.9   22.6     0.0       NA     NA
## 1652 2013-09-06       Albury   13.6   20.9     0.0       NA     NA
## 1653 2013-09-07       Albury   10.1   19.8     0.0       NA     NA
## 1654 2013-09-08       Albury    4.8   18.8     0.2       NA     NA
## 1655 2013-09-09       Albury    7.9   23.4     0.0       NA     NA
## 1656 2013-09-10       Albury   12.5   17.5     0.0       NA     NA
## 1657 2013-09-11       Albury    6.2   16.0     0.4       NA     NA
## 1658 2013-09-12       Albury    2.4   15.4     0.0       NA     NA
## 1659 2013-09-13       Albury    2.6   14.7     0.0       NA     NA
## 1660 2013-09-14       Albury    6.4   19.3     0.8       NA     NA
## 1661 2013-09-15       Albury    3.7   20.3     0.2       NA     NA
## 1662 2013-09-16       Albury    7.7   13.6     3.2       NA     NA
## 1663 2013-09-17       Albury   10.8   18.4    37.4       NA     NA
## 1664 2013-09-18       Albury   11.2   18.7     0.2       NA     NA
## 1665 2013-09-19       Albury    7.7   14.0     1.2       NA     NA
## 1666 2013-09-20       Albury    7.3   14.9     2.0       NA     NA
## 1667 2013-09-21       Albury    5.2   17.6     0.4       NA     NA
## 1668 2013-09-22       Albury    5.8   20.4     0.2       NA     NA
## 1669 2013-09-23       Albury    6.1   23.9     0.2       NA     NA
## 1670 2013-09-24       Albury   14.2   22.3     0.0       NA     NA
## 1671 2013-09-25       Albury   10.6   24.0     0.2       NA     NA
## 1672 2013-09-26       Albury   10.3   16.7     0.8       NA     NA
## 1673 2013-09-27       Albury    2.6   18.5     3.6       NA     NA
## 1674 2013-09-28       Albury    7.4   16.9     0.0       NA     NA
## 1675 2013-09-29       Albury    3.7   20.0     0.0       NA     NA
## 1676 2013-09-30       Albury    7.0   26.4     0.0       NA     NA
## 1677 2013-10-01       Albury   15.8   17.2     1.6       NA     NA
## 1678 2013-10-02       Albury    3.7   19.7     4.0       NA     NA
## 1679 2013-10-03       Albury    6.8   16.5     1.0       NA     NA
## 1680 2013-10-04       Albury    3.2   18.9     0.0       NA     NA
## 1681 2013-10-05       Albury    5.5   21.7     0.0       NA     NA
## 1682 2013-10-06       Albury    6.2   22.9     0.0       NA     NA
## 1683 2013-10-07       Albury    4.9   20.1     0.0       NA     NA
## 1684 2013-10-08       Albury    5.6   20.6     0.0       NA     NA
## 1685 2013-10-09       Albury    5.6   24.3     0.0       NA     NA
## 1686 2013-10-10       Albury   11.1   26.0     0.0       NA     NA
## 1687 2013-10-11       Albury     NA   18.5      NA       NA     NA
## 1688 2013-10-12       Albury    5.2   23.1     0.0       NA     NA
## 1689 2013-10-13       Albury    6.8   24.7     0.0       NA     NA
## 1690 2013-10-14       Albury    4.6   15.5     2.2       NA     NA
## 1691 2013-10-15       Albury    2.5   20.1     0.0       NA     NA
## 1692 2013-10-16       Albury    3.8   25.5     0.0       NA     NA
## 1693 2013-10-17       Albury   11.2   17.7     0.0       NA     NA
## 1694 2013-10-18       Albury    0.8   18.9     0.0       NA     NA
## 1695 2013-10-19       Albury    3.6   24.7     0.0       NA     NA
## 1696 2013-10-20       Albury    7.4   29.7     0.0       NA     NA
## 1697 2013-10-21       Albury   10.8   27.6     0.0       NA     NA
## 1698 2013-10-22       Albury   16.0   26.2     2.8       NA     NA
## 1699 2013-10-23       Albury   13.3   18.2     2.6       NA     NA
```

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## 1700 2013-10-24        Albury      7.9    16.5     0.4      NA     NA
## 1701 2013-10-25        Albury      2.1    17.5     0.0      NA     NA
## 1702 2013-10-26        Albury      5.0    19.7     0.0      NA     NA
## 1703 2013-10-27        Albury      5.3    21.3     0.0      NA     NA
## 1704 2013-10-28        Albury     10.6    24.6     0.0      NA     NA
## 1705 2013-10-29        Albury      9.4    22.6     0.0      NA     NA
## 1706 2013-10-30        Albury      6.0    23.5     0.0      NA     NA
## 1707 2013-10-31        Albury      6.3    25.2     0.0      NA     NA
## 1708 2013-11-01        Albury      7.6    27.9     0.0      NA     NA
## 1709 2013-11-02        Albury      8.6    27.9     0.0      NA     NA
## 1710 2013-11-03        Albury     10.1    21.1     0.0      NA     NA
## 1711 2013-11-04        Albury      3.1    20.3     0.0      NA     NA
## 1712 2013-11-05        Albury      6.3    25.6     0.0      NA     NA
## 1713 2013-11-06        Albury      6.9    29.6     0.0      NA     NA
## 1714 2013-11-07        Albury      8.9    34.3     0.0      NA     NA
## 1715 2013-11-08        Albury     17.7    30.9     0.0      NA     NA
## 1716 2013-11-09        Albury      9.3    21.9     0.0      NA     NA
## 1717 2013-11-10        Albury     10.5    21.3     0.0      NA     NA
## 1718 2013-11-11        Albury     10.6    17.1     5.8      NA     NA
## 1719 2013-11-12        Albury     12.1    18.6     4.4      NA     NA
## 1720 2013-11-13        Albury     10.1    17.2     0.4      NA     NA
## 1721 2013-11-14        Albury      8.2    21.5     0.0      NA     NA
## 1722 2013-11-15        Albury      5.1    25.1     0.0      NA     NA
## 1723 2013-11-16        Albury     12.4    26.0     0.0      NA     NA
## 1724 2013-11-17        Albury      9.1    27.2     0.0      NA     NA
## 1725 2013-11-18        Albury      9.5    28.4     0.0      NA     NA
## 1726 2013-11-19        Albury     10.2    31.1     0.0      NA     NA
## 1727 2013-11-20        Albury     11.3    33.7     0.0      NA     NA
## 1728 2013-11-21        Albury     16.8    27.2     0.0      NA     NA
## 1729 2013-11-22        Albury     10.6    27.1     0.0      NA     NA
## 1730 2013-11-23        Albury      8.1    23.7     0.0      NA     NA
## 1731 2013-11-24        Albury      8.6    26.1     0.0      NA     NA
## 1732 2013-11-25        Albury     11.5    26.7     0.0      NA     NA
## 1733 2013-11-26        Albury      8.2    29.7     0.0      NA     NA
## 1734 2013-11-27        Albury     10.5    32.6     0.0      NA     NA
## 1735 2013-11-28        Albury     14.2    35.4     0.0      NA     NA
## 1736 2013-11-29        Albury     13.1    25.6     0.0      NA     NA
## 1737 2013-11-30        Albury      9.0    27.5     0.0      NA     NA
## 1738 2013-12-01        Albury      9.9    30.4     0.0      NA     NA
## 1739 2013-12-02        Albury     15.6    34.4     0.0      NA     NA
## 1740 2013-12-03        Albury     15.1    37.1     0.0      NA     NA
## 1741 2013-12-04        Albury     21.5    23.7     0.0      NA     NA
## 1742 2013-12-05        Albury     10.1    17.5    29.4      NA     NA
## 1743 2013-12-06        Albury      5.8    20.4     3.2      NA     NA
## 1744 2013-12-07        Albury      7.7    26.1     0.0      NA     NA
## 1745 2013-12-08        Albury     10.2    32.1     0.0      NA     NA
## 1746 2013-12-09        Albury     18.1    30.4     0.0      NA     NA
## 1747 2013-12-10        Albury     12.1    22.4     0.0      NA     NA
## 1748 2013-12-11        Albury     10.9    24.5     0.0      NA     NA
## 1749 2013-12-12        Albury      9.9    27.6     0.0      NA     NA
## 1750 2013-12-13        Albury     11.2    30.2     0.0      NA     NA
## 1751 2013-12-14        Albury     14.4    29.5     0.0      NA     NA
## 1752 2013-12-15        Albury     12.8    31.1     0.0      NA     NA
## 1753 2013-12-16        Albury     15.8    32.9     0.0      NA     NA
```

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## 1754 2013-12-17        Albury    16.9    34.0     0.0      NA     NA
## 1755 2013-12-18        Albury    18.8    37.6     0.0      NA     NA
## 1756 2013-12-19        Albury    19.2    39.7     0.0      NA     NA
## 1757 2013-12-20        Albury    22.2    40.7     0.2      NA     NA
## 1758 2013-12-21        Albury    23.7    40.5     0.0      NA     NA
## 1759 2013-12-22        Albury    25.2    36.4     0.0      NA     NA
## 1760 2013-12-23        Albury    18.3    23.9     5.2      NA     NA
## 1761 2013-12-24        Albury    11.6    29.1    13.0      NA     NA
## 1762 2013-12-25        Albury    15.7    29.1     0.0      NA     NA
## 1763 2013-12-26        Albury    14.9    30.8     0.0      NA     NA
## 1764 2013-12-27        Albury    14.0    32.5     1.4      NA     NA
## 1765 2013-12-28        Albury    14.4    37.1     0.0      NA     NA
## 1766 2013-12-29        Albury    16.1    30.9     0.0      NA     NA
## 1767 2013-12-30        Albury    11.7    30.9     0.0      NA     NA
## 1768 2013-12-31        Albury    10.4    31.4     0.0      NA     NA
## 1769 2014-01-01        Albury    12.0    27.4     0.0      NA     NA
## 1770 2014-01-02        Albury    16.7    27.7     0.0      NA     NA
## 1771 2014-01-03        Albury    18.9    30.6     0.2      NA     NA
## 1772 2014-01-04        Albury    13.1    25.6     0.0      NA     NA
## 1773 2014-01-05        Albury     8.4    29.4     0.0      NA     NA
## 1774 2014-01-06        Albury    12.1    23.7     0.0      NA     NA
## 1775 2014-01-07        Albury     9.8    27.5     0.0      NA     NA
## 1776 2014-01-08        Albury    14.2    30.4     0.0      NA     NA
## 1777 2014-01-09        Albury    16.9    29.0     0.0      NA     NA
## 1778 2014-01-10        Albury    14.4    33.6     1.4      NA     NA
## 1779 2014-01-11        Albury    16.5    36.5     0.0      NA     NA
## 1780 2014-01-12        Albury    18.8    38.9     0.0      NA     NA
## 1781 2014-01-13        Albury    17.1    39.0     0.0      NA     NA
## 1782 2014-01-14        Albury    18.6    41.2     0.0      NA     NA
## 1783 2014-01-15        Albury    21.0    41.8     0.0      NA     NA
## 1784 2014-01-16        Albury    23.0    43.6     0.0      NA     NA
## 1785 2014-01-17        Albury    21.7    42.6     0.0      NA     NA
## 1786 2014-01-18        Albury    22.0    41.2     0.0      NA     NA
## 1787 2014-01-19        Albury    21.3    37.9     0.0      NA     NA
## 1788 2014-01-20        Albury    19.0    34.2     0.0      NA     NA
## 1789 2014-01-21        Albury    17.9    33.2     0.0      NA     NA
## 1790 2014-01-22        Albury    15.8    33.3     0.0      NA     NA
## 1791 2014-01-23        Albury    16.2    34.5     0.0      NA     NA
## 1792 2014-01-24        Albury    20.1    23.4     2.8      NA     NA
## 1793 2014-01-25        Albury    13.3    25.9    31.0      NA     NA
## 1794 2014-01-26        Albury    12.4    29.4     0.0      NA     NA
## 1795 2014-01-27        Albury    14.8    32.7     0.0      NA     NA
## 1796 2014-01-28        Albury    16.4    36.6     0.0      NA     NA
## 1797 2014-01-29        Albury    18.8    40.6     0.0      NA     NA
## 1798 2014-01-30        Albury    20.6    39.7     0.0      NA     NA
## 1799 2014-01-31        Albury    21.8    41.7     0.0      NA     NA
## 1800 2014-02-01        Albury    23.2    41.6     0.0      NA     NA
## 1801 2014-02-02        Albury    20.7    41.1     0.0      NA     NA
## 1802 2014-02-03        Albury    20.5    40.5     0.0      NA     NA
## 1803 2014-02-04        Albury    21.0    31.9     1.2      NA     NA
## 1804 2014-02-05        Albury    16.7    30.9     0.0      NA     NA
## 1805 2014-02-06        Albury    16.6    33.7     0.0      NA     NA
## 1806 2014-02-07        Albury    16.7    36.8     0.0      NA     NA
## 1807 2014-02-08        Albury    18.4    40.1     0.0      NA     NA
```

```
## 1808 2014-02-09    Albury   18.8   42.0    0.0     NA   NA
## 1809 2014-02-10    Albury   18.6   36.8    0.0     NA   NA
## 1810 2014-02-11    Albury   13.9   36.9    0.0     NA   NA
## 1811 2014-02-12    Albury   17.0   36.2    0.0     NA   NA
## 1812 2014-02-13    Albury   21.8   31.2    0.0     NA   NA
## 1813 2014-02-14    Albury   21.3   30.6    0.0     NA   NA
## 1814 2014-02-15    Albury   19.2   23.1   21.8     NA   NA
## 1815 2014-02-16    Albury   20.0   31.4    7.0     NA   NA
## 1816 2014-02-17    Albury   13.0   29.9    0.0     NA   NA
## 1817 2014-02-18    Albury   15.3   33.4    0.0     NA   NA
## 1818 2014-02-19    Albury   18.1   32.3    0.0     NA   NA
## 1819 2014-02-20    Albury   11.6   22.8    1.6     NA   NA
## 1820 2014-02-21    Albury    8.4   26.8    0.0     NA   NA
## 1821 2014-02-22    Albury   10.6   29.8    0.0     NA   NA
## 1822 2014-02-23    Albury   13.1   31.4    0.0     NA   NA
## 1823 2014-02-24    Albury   14.5   33.0    0.0     NA   NA
## 1824 2014-02-25    Albury   14.8   34.6    0.0     NA   NA
## 1825 2014-02-26    Albury   17.5   31.4    0.0     NA   NA
## 1826 2014-02-27    Albury   10.8   30.6    0.0     NA   NA
## 1827 2014-02-28    Albury   16.4   27.7    0.0     NA   NA
## 1828 2014-03-01    Albury   17.0   27.2    8.8     NA   NA
## 1829 2014-03-02    Albury   15.8   30.0    0.0     NA   NA
## 1830 2014-03-03    Albury   15.9   32.3    0.0     NA   NA
## 1831 2014-03-04    Albury   15.9   32.2    0.0     NA   NA
## 1832 2014-03-05    Albury   19.7   31.5    0.2     NA   NA
## 1833 2014-03-06    Albury   16.1   32.6    0.2     NA   NA
## 1834 2014-03-07    Albury   10.2   29.1    0.0     NA   NA
## 1835 2014-03-08    Albury   13.3   32.5    0.0     NA   NA
## 1836 2014-03-09    Albury   14.0   31.5    0.0     NA   NA
## 1837 2014-03-10    Albury   14.9   34.5    0.0     NA   NA
## 1838 2014-03-11    Albury   18.6   34.3    0.0     NA   NA
## 1839 2014-03-12    Albury   19.0   30.1    2.8     NA   NA
## 1840 2014-03-13    Albury   12.1   29.1    0.0     NA   NA
## 1841 2014-03-14    Albury   14.4   31.9    0.0     NA   NA
## 1842 2014-03-15    Albury   12.6   31.0    0.0     NA   NA
## 1843 2014-03-16    Albury   13.0   20.0    2.6     NA   NA
## 1844 2014-03-17    Albury    9.4   25.1    0.0     NA   NA
## 1845 2014-03-18    Albury   12.8   27.8    0.0     NA   NA
## 1846 2014-03-19    Albury    9.9   29.5    0.0     NA   NA
## 1847 2014-03-20    Albury   10.3   32.5    0.0     NA   NA
## 1848 2014-03-21    Albury   16.0   30.8    0.0     NA   NA
## 1849 2014-03-22    Albury   14.0   25.5    4.4     NA   NA
## 1850 2014-03-23    Albury    8.6   23.2    0.0     NA   NA
## 1851 2014-03-24    Albury   10.6   20.7    0.0     NA   NA
## 1852 2014-03-25    Albury   13.8   27.3    2.4     NA   NA
## 1853 2014-03-26    Albury   14.4   21.9    0.0     NA   NA
## 1854 2014-03-27    Albury   17.4   26.2   16.6     NA   NA
## 1855 2014-03-28    Albury   17.6   25.8    0.4     NA   NA
## 1856 2014-03-29    Albury   14.6   26.7    0.0     NA   NA
## 1857 2014-03-30    Albury   13.8   19.7    0.4     NA   NA
## 1858 2014-03-31    Albury   11.6   26.7    9.2     NA   NA
## 1859 2014-04-01    Albury   14.6   28.3    0.0     NA   NA
## 1860 2014-04-02    Albury   13.8   28.5    0.0     NA   NA
## 1861 2014-04-03    Albury   17.6   21.6    1.6     NA   NA
```

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## 1862 2014-04-04        Albury    14.9    19.6     9.0        NA    NA
## 1863 2014-04-05        Albury    14.5    23.3    16.8        NA    NA
## 1864 2014-04-06        Albury    11.5    25.2     0.0        NA    NA
## 1865 2014-04-07        Albury    12.8    24.9     0.0        NA    NA
## 1866 2014-04-08        Albury    12.4    25.0     0.0        NA    NA
## 1867 2014-04-09        Albury    15.8    18.2     5.0        NA    NA
## 1868 2014-04-10        Albury    15.7    17.6    12.4        NA    NA
## 1869 2014-04-11        Albury    16.4    24.0    66.2        NA    NA
## 1870 2014-04-12        Albury    10.9    23.8     0.4        NA    NA
## 1871 2014-04-13        Albury    12.1    23.9     0.0        NA    NA
## 1872 2014-04-14        Albury    13.0    21.0     0.0        NA    NA
## 1873 2014-04-15        Albury     8.2    22.4     0.0        NA    NA
## 1874 2014-04-16        Albury     8.7    21.8     0.0        NA    NA
## 1875 2014-04-17        Albury     7.0    22.4     0.0        NA    NA
## 1876 2014-04-18        Albury     7.9    21.5     0.0        NA    NA
## 1877 2014-04-19        Albury     4.3    18.1     0.4        NA    NA
## 1878 2014-04-20        Albury     3.8    16.4     0.0        NA    NA
## 1879 2014-04-21        Albury     4.0    17.4     0.0        NA    NA
## 1880 2014-04-22        Albury     8.2    22.2     0.0        NA    NA
## 1881 2014-04-23        Albury    12.3    22.5     1.6        NA    NA
## 1882 2014-04-24        Albury     9.2    20.9     0.0        NA    NA
## 1883 2014-04-25        Albury     5.3    22.5     0.0        NA    NA
## 1884 2014-04-26        Albury    11.1    22.8     0.0        NA    NA
## 1885 2014-04-27        Albury     5.3    21.1     0.0        NA    NA
## 1886 2014-04-28        Albury     7.8    22.9     0.0        NA    NA
## 1887 2014-04-29        Albury    10.4    22.6     0.0        NA    NA
## 1888 2014-04-30        Albury    10.5    18.1    15.0        NA    NA
## 1889 2014-05-01        Albury     5.5    17.3     0.0        NA    NA
## 1890 2014-05-02        Albury     5.1    14.5     0.0        NA    NA
## 1891 2014-05-03        Albury     8.4    12.0     3.8        NA    NA
## 1892 2014-05-04        Albury     7.9    15.1     0.4        NA    NA
## 1893 2014-05-05        Albury     9.1    15.0     0.0        NA    NA
## 1894 2014-05-06        Albury     9.6    16.4     0.2        NA    NA
## 1895 2014-05-07        Albury     3.2    16.3     0.0        NA    NA
## 1896 2014-05-08        Albury     2.3    16.6     0.0        NA    NA
## 1897 2014-05-09        Albury     3.3    17.8     0.0        NA    NA
## 1898 2014-05-10        Albury     8.9    13.9     2.6        NA    NA
## 1899 2014-05-11        Albury     8.1    18.0    11.4        NA    NA
## 1900 2014-05-12        Albury     6.1    19.3     0.0        NA    NA
## 1901 2014-05-13        Albury     4.9    18.1     0.2        NA    NA
## 1902 2014-05-14        Albury     4.9    18.8     0.0        NA    NA
## 1903 2014-05-15        Albury     6.1    18.5     0.0        NA    NA
## 1904 2014-05-16        Albury     6.6    20.2     0.0        NA    NA
## 1905 2014-05-17        Albury     6.5    19.5     0.0        NA    NA
## 1906 2014-05-18        Albury     9.2    18.7     0.0        NA    NA
## 1907 2014-05-19        Albury     7.8    19.6     0.0        NA    NA
## 1908 2014-05-20        Albury    10.1    20.5     4.2        NA    NA
## 1909 2014-05-21        Albury     9.4    20.3     0.0        NA    NA
## 1910 2014-05-22        Albury     8.5    18.9     0.2        NA    NA
## 1911 2014-05-23        Albury     8.1    20.4     0.2        NA    NA
## 1912 2014-05-24        Albury    11.0    19.1     1.4        NA    NA
## 1913 2014-05-25        Albury     7.7    18.8     0.0        NA    NA
## 1914 2014-05-26        Albury     8.8    22.2     0.2        NA    NA
## 1915 2014-05-27        Albury    12.4    17.5     0.6        NA    NA
```

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## 1916 2014-05-28        Albury     10.6    14.0     36.4        NA      NA
## 1917 2014-05-29        Albury      8.8    17.5      0.4        NA      NA
## 1918 2014-05-30        Albury      6.7    18.5      0.0        NA      NA
## 1919 2014-05-31        Albury      5.5    18.7      0.0        NA      NA
## 1920 2014-06-01        Albury     10.0    14.0      8.2        NA      NA
## 1921 2014-06-02        Albury     10.1    15.8      2.2        NA      NA
## 1922 2014-06-03        Albury     11.4    13.8      0.6        NA      NA
## 1923 2014-06-04        Albury     11.0    14.6      1.4        NA      NA
## 1924 2014-06-05        Albury      6.3    15.6       NA        NA      NA
## 1925 2014-06-06        Albury      4.7    16.0      0.2        NA      NA
## 1926 2014-06-07        Albury      2.6    16.0      0.0        NA      NA
## 1927 2014-06-08        Albury      1.0    14.9      0.0        NA      NA
## 1928 2014-06-09        Albury      1.2    18.0      0.0        NA      NA
## 1929 2014-06-10        Albury      2.5    16.8      0.0        NA      NA
## 1930 2014-06-11        Albury      1.7    14.9      0.0        NA      NA
## 1931 2014-06-12        Albury      3.8    16.6      0.0        NA      NA
## 1932 2014-06-13        Albury      7.9    12.2      3.6        NA      NA
## 1933 2014-06-14        Albury      8.2    15.2     17.4        NA      NA
## 1934 2014-06-15        Albury      6.6    16.4      1.0        NA      NA
## 1935 2014-06-16        Albury      1.7    11.7      0.0        NA      NA
## 1936 2014-06-17        Albury      5.7    13.8      6.8        NA      NA
## 1937 2014-06-18        Albury      4.2    11.3      0.0        NA      NA
## 1938 2014-06-19        Albury      5.4    11.2      0.0        NA      NA
## 1939 2014-06-20        Albury      3.2    16.5      0.0        NA      NA
## 1940 2014-06-21        Albury      6.9    15.1      0.4        NA      NA
## 1941 2014-06-22        Albury      3.6    14.4      0.2        NA      NA
## 1942 2014-06-23        Albury      5.8    12.2      0.0        NA      NA
## 1943 2014-06-24        Albury      5.7    12.2      8.6        NA      NA
## 1944 2014-06-25        Albury      5.8    13.2      7.6        NA      NA
## 1945 2014-06-26        Albury      9.2    14.6      1.4        NA      NA
## 1946 2014-06-27        Albury      8.4    14.4      0.4        NA      NA
## 1947 2014-06-28        Albury      9.0    12.4      1.4        NA      NA
## 1948 2014-06-29        Albury      6.4    10.7      5.0        NA      NA
## 1949 2014-06-30        Albury      2.0    10.1      1.2        NA      NA
## 1950 2014-07-01        Albury      4.9    11.1      1.0        NA      NA
## 1951 2014-07-02        Albury      5.5    12.2      0.0        NA      NA
## 1952 2014-07-03        Albury      4.7    13.9      0.0        NA      NA
## 1953 2014-07-04        Albury      3.6    13.9      0.2        NA      NA
## 1954 2014-07-05        Albury      4.1    11.1      1.8        NA      NA
## 1955 2014-07-06        Albury      7.2     9.6      0.0        NA      NA
## 1956 2014-07-07        Albury      4.8    10.7      0.0        NA      NA
## 1957 2014-07-08        Albury      6.1    13.3      0.0        NA      NA
## 1958 2014-07-09        Albury      5.0    11.6      3.8        NA      NA
## 1959 2014-07-10        Albury      6.7    10.5      9.8        NA      NA
## 1960 2014-07-11        Albury      7.1    11.3      0.4        NA      NA
## 1961 2014-07-12        Albury      7.4    12.3      4.4        NA      NA
## 1962 2014-07-13        Albury     -0.5    11.8      0.0        NA      NA
## 1963 2014-07-14        Albury     -0.9    12.6      0.2        NA      NA
## 1964 2014-07-15        Albury      3.5    11.3      0.2        NA      NA
## 1965 2014-07-16        Albury      6.0    14.2      7.8        NA      NA
## 1966 2014-07-17        Albury      8.1    12.4      2.0        NA      NA
## 1967 2014-07-18        Albury      3.4    13.2      6.6        NA      NA
## 1968 2014-07-19        Albury     -1.7    15.1      0.0        NA      NA
## 1969 2014-07-20        Albury     -2.1    13.7      0.0        NA      NA
```

```
## 1970 2014-07-21      Albury      0.3   13.2    0.0     NA   NA
## 1971 2014-07-22      Albury     -1.3   13.8    0.2     NA   NA
## 1972 2014-07-23      Albury     -1.5   14.6    0.0     NA   NA
## 1973 2014-07-24      Albury      1.0   12.4    0.0     NA   NA
## 1974 2014-07-25      Albury      2.2   17.8    1.8     NA   NA
## 1975 2014-07-26      Albury      4.2   13.6    0.2     NA   NA
## 1976 2014-07-27      Albury      6.7   12.7    0.0     NA   NA
## 1977 2014-07-28      Albury      2.7   15.0    0.2     NA   NA
## 1978 2014-07-29      Albury      3.0   16.9    0.0     NA   NA
## 1979 2014-07-30      Albury      7.9   15.4    0.0     NA   NA
## 1980 2014-07-31      Albury      8.9   19.7    0.4     NA   NA
## 1981 2014-08-01      Albury      4.7    8.7    1.0     NA   NA
## 1982 2014-08-02      Albury     -1.1   11.5    2.2     NA   NA
## 1983 2014-08-03      Albury     -1.7   12.7    0.2     NA   NA
## 1984 2014-08-04      Albury     -1.8   14.0    0.0     NA   NA
## 1985 2014-08-05      Albury     -2.8   13.5    0.0     NA   NA
## 1986 2014-08-06      Albury      0.1   10.5    0.2     NA   NA
## 1987 2014-08-07      Albury      3.6   14.6    0.0     NA   NA
## 1988 2014-08-08      Albury      2.0   13.8    0.0     NA   NA
## 1989 2014-08-09      Albury      1.7   14.2    0.0     NA   NA
## 1990 2014-08-10      Albury      5.5   14.6    0.0     NA   NA
## 1991 2014-08-11      Albury     -1.3   12.0    0.2     NA   NA
## 1992 2014-08-12      Albury     -1.7   14.1    0.0     NA   NA
## 1993 2014-08-13      Albury     -1.5   14.6    0.0     NA   NA
## 1994 2014-08-14      Albury     -0.7   16.2    0.0     NA   NA
## 1995 2014-08-15      Albury      0.3   17.0    0.0     NA   NA
## 1996 2014-08-16      Albury      0.9   15.3    0.0     NA   NA
## 1997 2014-08-17      Albury      6.6   11.6    0.0     NA   NA
## 1998 2014-08-18      Albury      7.6   18.3    6.6     NA   NA
## 1999 2014-08-19      Albury      4.0   18.7    0.0     NA   NA
## 2000 2014-08-20      Albury      2.0   16.3    0.0     NA   NA
## 2001 2014-08-21      Albury      2.3   17.5    0.0     NA   NA
## 2002 2014-08-22      Albury      2.6   18.5    0.0     NA   NA
## 2003 2014-08-23      Albury      2.9   19.8    0.0     NA   NA
## 2004 2014-08-24      Albury      3.8   17.8    0.0     NA   NA
## 2005 2014-08-25      Albury      2.0   17.3    0.0     NA   NA
## 2006 2014-08-26      Albury      4.7   20.2    0.0     NA   NA
## 2007 2014-08-27      Albury      3.5   19.1    0.0     NA   NA
## 2008 2014-08-28      Albury      2.3   18.7    0.0     NA   NA
## 2009 2014-08-29      Albury      2.5   19.3    0.0     NA   NA
## 2010 2014-08-30      Albury      2.3   18.8    0.0     NA   NA
## 2011 2014-08-31      Albury      2.8   19.6    0.0     NA   NA
## 2012 2014-09-01      Albury      4.6   20.5    0.0     NA   NA
## 2013 2014-09-02      Albury      6.6   15.6    1.0     NA   NA
## 2014 2014-09-03      Albury     -0.6   15.4    0.6     NA   NA
## 2015 2014-09-04      Albury      0.2   16.3    0.0     NA   NA
## 2016 2014-09-05      Albury      2.3   18.0    0.0     NA   NA
## 2017 2014-09-06      Albury      3.3   18.8    0.0     NA   NA
## 2018 2014-09-07      Albury      2.2   20.3    0.0     NA   NA
## 2019 2014-09-08      Albury      3.7   20.3    0.0     NA   NA
## 2020 2014-09-09      Albury     11.7   18.4    0.2     NA   NA
## 2021 2014-09-10      Albury      7.7   16.5   12.4     NA   NA
## 2022 2014-09-11      Albury     10.1   17.8    0.0     NA   NA
## 2023 2014-09-12      Albury      1.7   17.4    0.0     NA   NA
```

```
## 2024 2014-09-13        Albury    2.6   19.3    0.0        NA    NA
## 2025 2014-09-14        Albury    3.2   20.1    0.0        NA    NA
## 2026 2014-09-15        Albury    4.8   20.7    0.0        NA    NA
## 2027 2014-09-16        Albury    7.8   19.0    0.0        NA    NA
## 2028 2014-09-17        Albury    6.8   16.1    0.2        NA    NA
## 2029 2014-09-18        Albury    3.8   15.0    0.0        NA    NA
## 2030 2014-09-19        Albury    1.1   16.6    0.0        NA    NA
## 2031 2014-09-20        Albury    2.9   18.9    0.0        NA    NA
## 2032 2014-09-21        Albury    3.4     NA    0.0        NA    NA
## 2033 2014-09-22        Albury     NA     NA     NA        NA    NA
## 2034 2014-09-23        Albury     NA   24.1     NA        NA    NA
## 2035 2014-09-24        Albury    7.8   19.8     NA        NA    NA
## 2036 2014-09-25        Albury   12.7   21.8   41.0        NA    NA
## 2037 2014-09-26        Albury    6.8   17.8    0.6        NA    NA
## 2038 2014-09-27        Albury    5.3   20.6    0.0        NA    NA
## 2039 2014-09-28        Albury    7.3   24.1    0.0        NA    NA
## 2040 2014-09-29        Albury   11.3   21.9    0.0        NA    NA
## 2041 2014-09-30        Albury    7.3   24.3    0.0        NA    NA
## 2042 2014-10-01        Albury    5.3   16.3    0.0        NA    NA
## 2043 2014-10-02        Albury    3.8   18.4    0.0        NA    NA
## 2044 2014-10-03        Albury    4.9   22.8     NA        NA    NA
## 2045 2014-10-04        Albury    5.8   23.5    0.0        NA    NA
## 2046 2014-10-05        Albury    8.6   28.3    0.0        NA    NA
## 2047 2014-10-06        Albury   12.9   29.9    0.0        NA    NA
## 2048 2014-10-07        Albury   11.7   18.6    9.6        NA    NA
## 2049 2014-10-08        Albury    5.1   18.6    0.0        NA    NA
## 2050 2014-10-09        Albury    5.7   21.5    0.0        NA    NA
## 2051 2014-10-10        Albury    7.6   23.6    0.0        NA    NA
## 2052 2014-10-11        Albury    7.1   27.4    0.0        NA    NA
## 2053 2014-10-12        Albury    8.2   30.3    0.0        NA    NA
## 2054 2014-10-13        Albury   14.8   19.3    3.4        NA    NA
## 2055 2014-10-14        Albury    7.3   18.1    3.2        NA    NA
## 2056 2014-10-15        Albury    2.9   19.5    0.2        NA    NA
## 2057 2014-10-16        Albury    3.5   19.3    0.2        NA    NA
## 2058 2014-10-17        Albury    5.1   20.3    0.0        NA    NA
## 2059 2014-10-18        Albury    5.3   23.1    0.0        NA    NA
## 2060 2014-10-19        Albury    8.2   26.8    0.0        NA    NA
## 2061 2014-10-20        Albury   10.7   26.9    0.0        NA    NA
## 2062 2014-10-21        Albury    9.5   26.3    0.0        NA    NA
## 2063 2014-10-22        Albury   10.8   29.0    0.0        NA    NA
## 2064 2014-10-23        Albury   14.5   32.1    0.0        NA    NA
## 2065 2014-10-24        Albury   16.9   32.9    0.0        NA    NA
## 2066 2014-10-25        Albury   11.9   32.4    0.0        NA    NA
## 2067 2014-10-26        Albury   11.8   29.1    0.0        NA    NA
## 2068 2014-10-27        Albury   14.3   22.0    0.2        NA    NA
## 2069 2014-10-28        Albury    6.4   19.9    1.0        NA    NA
## 2070 2014-10-29        Albury    7.6   24.4    0.0        NA    NA
## 2071 2014-10-30        Albury    8.9   29.0    1.8        NA    NA
## 2072 2014-10-31        Albury    9.1   33.8    0.0        NA    NA
## 2073 2014-11-01        Albury   15.2   21.7    0.0        NA    NA
## 2074 2014-11-02        Albury    5.5   19.1    5.0        NA    NA
## 2075 2014-11-03        Albury    5.8   24.4    0.0        NA    NA
## 2076 2014-11-04        Albury    9.6   27.9    0.0        NA    NA
## 2077 2014-11-05        Albury   12.0   26.0    0.0        NA    NA
```

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## 2078 2014-11-06        Albury      7.8   25.8     0.0       NA     NA
## 2079 2014-11-07        Albury      9.2   29.9     0.0       NA     NA
## 2080 2014-11-08        Albury     11.1   34.0     0.0       NA     NA
## 2081 2014-11-09        Albury     13.6   30.7     0.0       NA     NA
## 2082 2014-11-10        Albury     10.0   29.3     0.0       NA     NA
## 2083 2014-11-11        Albury      9.4   29.3     0.0       NA     NA
## 2084 2014-11-12        Albury      9.9   30.5     0.0       NA     NA
## 2085 2014-11-13        Albury     12.7   33.2     0.0       NA     NA
## 2086 2014-11-14        Albury     14.2   37.9     0.0       NA     NA
## 2087 2014-11-15        Albury     17.5   24.3     0.0       NA     NA
## 2088 2014-11-16        Albury     14.6   21.1    24.4       NA     NA
## 2089 2014-11-17        Albury      8.3   22.4     0.2       NA     NA
## 2090 2014-11-18        Albury      9.4   26.6     0.0       NA     NA
## 2091 2014-11-19        Albury     10.4   29.7     0.0       NA     NA
## 2092 2014-11-20        Albury     11.8   34.6     0.0       NA     NA
## 2093 2014-11-21        Albury     18.5   29.5     0.0       NA     NA
## 2094 2014-11-22        Albury     12.6   33.2     0.0       NA     NA
## 2095 2014-11-23        Albury     17.3   36.2     0.6       NA     NA
## 2096 2014-11-24        Albury     19.8   26.6     0.0       NA     NA
## 2097 2014-11-25        Albury     10.1   22.8    27.0       NA     NA
## 2098 2014-11-26        Albury      9.7   26.0     0.2       NA     NA
## 2099 2014-11-27        Albury     12.8   28.3     0.0       NA     NA
## 2100 2014-11-28        Albury     12.5   29.8     0.0       NA     NA
## 2101 2014-11-29        Albury     14.7   32.3     0.0       NA     NA
## 2102 2014-11-30        Albury     20.6   32.7     0.0       NA     NA
## 2103 2014-12-01        Albury     20.5   32.4     0.0       NA     NA
## 2104 2014-12-02        Albury     15.5   33.2    13.2       NA     NA
## 2105 2014-12-03        Albury     14.8   25.8     0.0       NA     NA
## 2106 2014-12-04        Albury     17.5   30.2    13.4       NA     NA
## 2107 2014-12-05        Albury     17.2   28.9     0.0       NA     NA
## 2108 2014-12-06        Albury     16.0   26.3     0.8       NA     NA
## 2109 2014-12-07        Albury     15.7   23.7     4.4       NA     NA
## 2110 2014-12-08        Albury     13.9   27.7     1.4       NA     NA
## 2111 2014-12-09        Albury     13.9   31.2     0.0       NA     NA
## 2112 2014-12-10        Albury     15.0   29.7     0.0       NA     NA
## 2113 2014-12-11        Albury     15.8   27.4     1.4       NA     NA
## 2114 2014-12-12        Albury     12.9   27.5     0.0       NA     NA
## 2115 2014-12-13        Albury     13.0   29.1     0.0       NA     NA
## 2116 2014-12-14        Albury     13.1   29.1     0.0       NA     NA
## 2117 2014-12-15        Albury     14.2   35.6     0.0       NA     NA
## 2118 2014-12-16        Albury     20.3   34.9     0.4       NA     NA
## 2119 2014-12-17        Albury     11.7   26.4     0.0       NA     NA
## 2120 2014-12-18        Albury     10.5   29.3     0.0       NA     NA
## 2121 2014-12-19        Albury     10.2   25.0     0.0       NA     NA
## 2122 2014-12-20        Albury     11.1   30.0     0.0       NA     NA
## 2123 2014-12-21        Albury     14.1   33.6     0.0       NA     NA
## 2124 2014-12-22        Albury     17.5   35.5     0.0       NA     NA
## 2125 2014-12-23        Albury     21.2   33.4     0.6       NA     NA
## 2126 2014-12-24        Albury     18.0   33.7     0.4       NA     NA
## 2127 2014-12-25        Albury     14.4   32.2     0.0       NA     NA
## 2128 2014-12-26        Albury     15.1   25.7     0.0       NA     NA
## 2129 2014-12-27        Albury      9.9   28.9     0.0       NA     NA
## 2130 2014-12-28        Albury     16.2   31.7     0.0       NA     NA
## 2131 2014-12-29        Albury     17.7   33.7     0.0       NA     NA
```

```
## 2132 2014-12-30      Albury      12.0    27.0     1.4       NA    NA
## 2133 2014-12-31      Albury      10.1    30.6     0.0       NA    NA
## 2134 2015-01-01      Albury      11.4    33.5     0.0       NA    NA
## 2135 2015-01-02      Albury      15.5    39.6     0.0       NA    NA
## 2136 2015-01-03      Albury      17.1    38.3     0.0       NA    NA
## 2137 2015-01-04      Albury      26.0    33.1     0.0       NA    NA
## 2138 2015-01-05      Albury      19.0    35.2     0.0       NA    NA
## 2139 2015-01-06      Albury      20.5    36.1     0.0       NA    NA
## 2140 2015-01-07      Albury      20.3    36.5     0.0       NA    NA
## 2141 2015-01-08      Albury      20.7    34.1     0.0       NA    NA
## 2142 2015-01-09      Albury      20.4    26.4     5.4       NA    NA
## 2143 2015-01-10      Albury      19.7    21.7     7.0       NA    NA
## 2144 2015-01-11      Albury      18.4    30.6    12.6       NA    NA
## 2145 2015-01-12      Albury      17.6    33.1     0.2       NA    NA
## 2146 2015-01-13      Albury      18.1    27.0     0.0       NA    NA
## 2147 2015-01-14      Albury      17.9    28.1    46.8       NA    NA
## 2148 2015-01-15      Albury      13.5    28.3     0.4       NA    NA
## 2149 2015-01-16      Albury      11.4    28.4     0.0       NA    NA
## 2150 2015-01-17      Albury      15.8    27.6     0.0       NA    NA
## 2151 2015-01-18      Albury      12.1    28.0     0.0       NA    NA
## 2152 2015-01-19      Albury      14.7    28.6     0.0       NA    NA
## 2153 2015-01-20      Albury      14.4    31.1     0.0       NA    NA
## 2154 2015-01-21      Albury      18.1    28.8     8.4       NA    NA
## 2155 2015-01-22      Albury      17.7    33.7     0.0       NA    NA
## 2156 2015-01-23      Albury      20.2    36.0     0.0       NA    NA
## 2157 2015-01-24      Albury      20.1    30.8    15.8       NA    NA
## 2158 2015-01-25      Albury      18.0    26.9     0.2       NA    NA
## 2159 2015-01-26      Albury      11.5    26.0     0.0       NA    NA
## 2160 2015-01-27      Albury      15.4    28.9     0.0       NA    NA
## 2161 2015-01-28      Albury      16.6    27.5     0.0       NA    NA
## 2162 2015-01-29      Albury      14.0    25.0     0.0       NA    NA
## 2163 2015-01-30      Albury       9.2    24.0     0.0       NA    NA
## 2164 2015-01-31      Albury      10.5    26.8     0.0       NA    NA
## 2165 2015-02-01      Albury      13.8    28.5     0.0       NA    NA
## 2166 2015-02-02      Albury      16.9    29.0     0.0       NA    NA
## 2167 2015-02-03      Albury      13.6    29.8     0.0       NA    NA
## 2168 2015-02-04      Albury      15.2    29.5     0.0       NA    NA
## 2169 2015-02-05      Albury      15.0    31.4     0.0       NA    NA
## 2170 2015-02-06      Albury      15.7    33.1     0.0       NA    NA
## 2171 2015-02-07      Albury      16.9    33.5     0.0       NA    NA
## 2172 2015-02-08      Albury      19.6    38.8     0.2       NA    NA
## 2173 2015-02-09      Albury      20.4    36.1     0.0       NA    NA
## 2174 2015-02-10      Albury      18.3    34.0     0.0       NA    NA
## 2175 2015-02-11      Albury      20.3    35.8     0.0       NA    NA
## 2176 2015-02-12      Albury      17.8    31.9     9.8       NA    NA
## 2177 2015-02-13      Albury      18.3    32.0     0.0       NA    NA
## 2178 2015-02-14      Albury      19.3    24.7     0.2       NA    NA
## 2179 2015-02-15      Albury      16.9    30.9    10.6       NA    NA
## 2180 2015-02-16      Albury      19.7    34.9     0.0       NA    NA
## 2181 2015-02-17      Albury      20.5    33.9     0.0       NA    NA
## 2182 2015-02-18      Albury      19.7    28.2     0.0       NA    NA
## 2183 2015-02-19      Albury      18.0    33.1     6.0       NA    NA
## 2184 2015-02-20      Albury      19.0    33.3     0.2       NA    NA
## 2185 2015-02-21      Albury      18.4    34.6     0.0       NA    NA
```

```
## 2186 2015-02-22      Albury   19.0   34.5    0.0     NA   NA
## 2187 2015-02-23      Albury   18.4   35.9    0.0     NA   NA
## 2188 2015-02-24      Albury   17.5   29.5    8.0     NA   NA
## 2189 2015-02-25      Albury   17.6   30.3    0.2     NA   NA
## 2190 2015-02-26      Albury   18.0   29.8    0.0     NA   NA
## 2191 2015-02-27      Albury   14.5   31.5    0.0     NA   NA
## 2192 2015-02-28      Albury   18.1   35.1    0.0     NA   NA
## 2193 2015-03-01      Albury   19.3   28.6    1.4     NA   NA
## 2194 2015-03-02      Albury   12.1   28.6    0.2     NA   NA
## 2195 2015-03-03      Albury   16.5   32.0    0.0     NA   NA
## 2196 2015-03-04      Albury   12.7   30.4    0.0     NA   NA
## 2197 2015-03-05      Albury   15.1   23.4    0.0     NA   NA
## 2198 2015-03-06      Albury   11.2   22.3    0.0     NA   NA
## 2199 2015-03-07      Albury   10.0   25.2    0.0     NA   NA
## 2200 2015-03-08      Albury   11.3   30.3    0.0     NA   NA
## 2201 2015-03-09      Albury   10.9   29.5    0.0     NA   NA
## 2202 2015-03-10      Albury   12.6   30.0    0.0     NA   NA
## 2203 2015-03-11      Albury    9.3   31.7    0.0     NA   NA
## 2204 2015-03-12      Albury   11.8   28.9    0.0     NA   NA
## 2205 2015-03-13      Albury   14.5   27.6    0.0     NA   NA
## 2206 2015-03-14      Albury   10.2   29.0    0.0     NA   NA
## 2207 2015-03-15      Albury   12.7   28.3    0.0     NA   NA
## 2208 2015-03-16      Albury   10.0   27.9    0.0     NA   NA
## 2209 2015-03-17      Albury   14.5   29.6    0.0     NA   NA
## 2210 2015-03-18      Albury   16.6   28.3    2.8     NA   NA
## 2211 2015-03-19      Albury   12.7   33.6    0.0     NA   NA
## 2212 2015-03-20      Albury   16.6   26.8    0.0     NA   NA
## 2213 2015-03-21      Albury   13.2   27.3    0.0     NA   NA
## 2214 2015-03-22      Albury   10.8   30.7    0.0     NA   NA
## 2215 2015-03-23      Albury   16.4   31.9    0.0     NA   NA
## 2216 2015-03-24      Albury   14.5   25.1    0.4     NA   NA
## 2217 2015-03-25      Albury    7.9   24.6    0.0     NA   NA
## 2218 2015-03-26      Albury    7.8   19.4    0.0     NA   NA
## 2219 2015-03-27      Albury   10.3   20.9    0.0     NA   NA
## 2220 2015-03-28      Albury    5.5   23.9    0.0     NA   NA
## 2221 2015-03-29      Albury    5.8   25.8    0.0     NA   NA
## 2222 2015-03-30      Albury    8.6   28.2    0.0     NA   NA
## 2223 2015-03-31      Albury    9.0   29.4    0.0     NA   NA
## 2224 2015-04-01      Albury   10.4   29.1    0.0     NA   NA
## 2225 2015-04-02      Albury   15.1   26.4    0.0     NA   NA
## 2226 2015-04-03      Albury    8.7   26.8    0.0     NA   NA
## 2227 2015-04-04      Albury   11.5   23.8    0.0     NA   NA
## 2228 2015-04-05      Albury   15.5   24.3    0.6     NA   NA
## 2229 2015-04-06      Albury   10.8   21.1    0.0     NA   NA
## 2230 2015-04-07      Albury   11.8   19.9    8.8     NA   NA
## 2231 2015-04-08      Albury   10.9   22.3    4.0     NA   NA
## 2232 2015-04-09      Albury    7.3   22.1    0.0     NA   NA
## 2233 2015-04-10      Albury    7.6   24.2    0.0     NA   NA
## 2234 2015-04-11      Albury    8.2   23.7    0.0     NA   NA
## 2235 2015-04-12      Albury   11.8   26.5    0.0     NA   NA
## 2236 2015-04-13      Albury    8.3   25.5    0.0     NA   NA
## 2237 2015-04-14      Albury   10.3   21.8    0.0     NA   NA
## 2238 2015-04-15      Albury   12.7   24.2    3.0     NA   NA
## 2239 2015-04-16      Albury   10.7   26.6    1.4     NA   NA
```

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## 2240 2015-04-17       Albury    15.1   17.7     0.2        NA    NA
## 2241 2015-04-18       Albury    15.2   19.9    35.8        NA    NA
## 2242 2015-04-19       Albury     9.9   17.4    15.8        NA    NA
## 2243 2015-04-20       Albury     6.9   18.2     0.2        NA    NA
## 2244 2015-04-21       Albury    10.4   19.4     0.0        NA    NA
## 2245 2015-04-22       Albury     5.9   23.1     0.0        NA    NA
## 2246 2015-04-23       Albury    12.7   24.0     0.2        NA    NA
## 2247 2015-04-24       Albury    15.2   20.0     3.6        NA    NA
## 2248 2015-04-25       Albury    10.0   16.0     7.0        NA    NA
## 2249 2015-04-26       Albury     7.1   19.7     2.6        NA    NA
## 2250 2015-04-27       Albury     5.8   17.8     0.2        NA    NA
## 2251 2015-04-28       Albury     3.6   18.5     0.0        NA    NA
## 2252 2015-04-29       Albury     4.4   19.6     0.0        NA    NA
## 2253 2015-04-30       Albury     4.7   20.9     0.0        NA    NA
## 2254 2015-05-01       Albury     6.4   22.5     0.0        NA    NA
## 2255 2015-05-02       Albury     7.7   20.7     0.0        NA    NA
## 2256 2015-05-03       Albury     7.5   23.7     0.0        NA    NA
## 2257 2015-05-04       Albury     5.0   22.3     0.0        NA    NA
## 2258 2015-05-05       Albury     5.5   20.5     0.0        NA    NA
## 2259 2015-05-06       Albury     2.7   15.5     0.0        NA    NA
## 2260 2015-05-07       Albury     6.7   14.7     0.2        NA    NA
## 2261 2015-05-08       Albury     6.1   13.8     0.0        NA    NA
## 2262 2015-05-09       Albury     9.9   15.4     0.8        NA    NA
## 2263 2015-05-10       Albury    10.4   14.3     2.8        NA    NA
## 2264 2015-05-11       Albury     9.9   18.0     9.2        NA    NA
## 2265 2015-05-12       Albury    11.2   17.2     0.8        NA    NA
## 2266 2015-05-13       Albury     4.5   13.5     0.6        NA    NA
## 2267 2015-05-14       Albury     2.6   15.8     0.0        NA    NA
## 2268 2015-05-15       Albury     2.3   17.8     0.0        NA    NA
## 2269 2015-05-16       Albury     3.2   18.9     0.0        NA    NA
## 2270 2015-05-17       Albury     2.4   18.0     0.2        NA    NA
## 2271 2015-05-18       Albury     2.3   19.2     0.0        NA    NA
## 2272 2015-05-19       Albury     6.7   17.4     3.4        NA    NA
## 2273 2015-05-20       Albury    10.3   17.6    12.8        NA    NA
## 2274 2015-05-21       Albury     6.1   15.0     0.0        NA    NA
## 2275 2015-05-22       Albury     8.0   16.9     0.0        NA    NA
## 2276 2015-05-23       Albury     1.4   16.6     0.0        NA    NA
## 2277 2015-05-24       Albury    -0.2   13.9     0.0        NA    NA
## 2278 2015-05-25       Albury     2.6   15.2     0.0        NA    NA
## 2279 2015-05-26       Albury     2.0   13.8     0.0        NA    NA
## 2280 2015-05-27       Albury     5.7   14.7     0.2        NA    NA
## 2281 2015-05-28       Albury     7.4   18.7     3.2        NA    NA
## 2282 2015-05-29       Albury     9.1   15.8    11.2        NA    NA
## 2283 2015-05-30       Albury     5.0   15.4     0.0        NA    NA
## 2284 2015-05-31       Albury     8.4   14.5     0.0        NA    NA
## 2285 2015-06-01       Albury     3.8   11.5     2.4        NA    NA
## 2286 2015-06-02       Albury    -1.4   12.5     0.0        NA    NA
## 2287 2015-06-03       Albury    -1.2   12.6     0.0        NA    NA
## 2288 2015-06-04       Albury    -1.2    9.9     0.2        NA    NA
## 2289 2015-06-05       Albury     2.6   13.3     6.4        NA    NA
## 2290 2015-06-06       Albury     0.8   13.2     0.2        NA    NA
## 2291 2015-06-07       Albury     2.3   10.9     0.0        NA    NA
## 2292 2015-06-08       Albury     1.0   16.7     0.2        NA    NA
## 2293 2015-06-09       Albury     4.3   15.0     0.0        NA    NA
```

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## 2294 2015-06-10      Albury    -1.0   13.4    0.0     NA      NA
## 2295 2015-06-11      Albury     0.7   15.2    0.0     NA      NA
## 2296 2015-06-12      Albury    -0.8   15.2    0.2     NA      NA
## 2297 2015-06-13      Albury     0.3   15.3    0.0     NA      NA
## 2298 2015-06-14      Albury     2.4   15.7    0.0     NA      NA
## 2299 2015-06-15      Albury     1.8   14.0    0.2     NA      NA
## 2300 2015-06-16      Albury     5.9   14.4   14.6     NA      NA
## 2301 2015-06-17      Albury    11.3   12.6   11.6     NA      NA
## 2302 2015-06-18      Albury     9.9   11.1   22.4     NA      NA
## 2303 2015-06-19      Albury     5.8   13.7   16.4     NA      NA
## 2304 2015-06-20      Albury    -0.9   12.2    0.2     NA      NA
## 2305 2015-06-21      Albury    -1.5   12.1    0.0     NA      NA
## 2306 2015-06-22      Albury    -1.2   11.3    0.0     NA      NA
## 2307 2015-06-23      Albury     1.4   16.8    0.0     NA      NA
## 2308 2015-06-24      Albury     7.0   14.0    7.2     NA      NA
## 2309 2015-06-25      Albury     8.2   13.4    1.0     NA      NA
## 2310 2015-06-26      Albury     1.8   14.3    0.2     NA      NA
## 2311 2015-06-27      Albury     2.3   13.2    0.0     NA      NA
## 2312 2015-06-28      Albury     5.6   12.4    0.2     NA      NA
## 2313 2015-06-29      Albury     0.4   15.0    0.0     NA      NA
## 2314 2015-06-30      Albury     1.0    8.6    0.0     NA      NA
## 2315 2015-07-01      Albury     2.9   10.6    0.0     NA      NA
## 2316 2015-07-02      Albury     4.6   12.1    0.8     NA      NA
## 2317 2015-07-03      Albury    -2.1   11.0    0.8     NA      NA
## 2318 2015-07-04      Albury     1.1   11.6    0.0     NA      NA
## 2319 2015-07-05      Albury     0.7   11.8    0.0     NA      NA
## 2320 2015-07-06      Albury     3.6   10.0    0.0     NA      NA
## 2321 2015-07-07      Albury     4.8   14.8    0.0     NA      NA
## 2322 2015-07-08      Albury     0.1   14.8    0.0     NA      NA
## 2323 2015-07-09      Albury    -0.5   13.2    0.0     NA      NA
## 2324 2015-07-10      Albury     3.3   14.2    1.8     NA      NA
## 2325 2015-07-11      Albury     8.0   13.9    2.4     NA      NA
## 2326 2015-07-12      Albury     5.1   11.3    5.4     NA      NA
## 2327 2015-07-13      Albury     5.9   13.7    2.8     NA      NA
## 2328 2015-07-14      Albury     5.0    9.1    0.0     NA      NA
## 2329 2015-07-15      Albury     4.4    6.8   10.0     NA      NA
## 2330 2015-07-16      Albury     2.9   11.9    4.4     NA      NA
## 2331 2015-07-17      Albury    -1.4   11.5    0.2     NA      NA
## 2332 2015-07-18      Albury    -1.6   12.4    0.0     NA      NA
## 2333 2015-07-19      Albury    -1.5   13.0    0.0     NA      NA
## 2334 2015-07-20      Albury    -1.6   13.7    0.0     NA      NA
## 2335 2015-07-21      Albury    -0.3   15.9    0.0     NA      NA
## 2336 2015-07-22      Albury     4.5   13.5    3.0     NA      NA
## 2337 2015-07-23      Albury     7.5   16.9    2.8     NA      NA
## 2338 2015-07-24      Albury     2.2   12.8    0.2     NA      NA
## 2339 2015-07-25      Albury     6.5   13.6    5.8     NA      NA
## 2340 2015-07-26      Albury     8.2   11.8    3.0     NA      NA
## 2341 2015-07-27      Albury     0.7    9.5    0.0     NA      NA
## 2342 2015-07-28      Albury     1.4   13.8    0.0     NA      NA
## 2343 2015-07-29      Albury     1.0   12.2    0.0     NA      NA
## 2344 2015-07-30      Albury     3.3   12.5    0.0     NA      NA
## 2345 2015-07-31      Albury     7.2   13.8    0.2     NA      NA
## 2346 2015-08-01      Albury     3.8   10.3    1.2     NA      NA
## 2347 2015-08-02      Albury     7.2   11.9   27.2     NA      NA
```

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## 2348 2015-08-03     Albury    7.5    11.7     2.6      NA    NA
## 2349 2015-08-04     Albury   -2.4     8.6     1.4      NA    NA
## 2350 2015-08-05     Albury    2.2    11.5     4.2      NA    NA
## 2351 2015-08-06     Albury    2.0    10.9     1.4      NA    NA
## 2352 2015-08-07     Albury    5.0    12.6     1.4      NA    NA
## 2353 2015-08-08     Albury    1.3    14.0     0.0      NA    NA
## 2354 2015-08-09     Albury    0.8    11.0     0.0      NA    NA
## 2355 2015-08-10     Albury    3.8    15.1     0.0      NA    NA
## 2356 2015-08-11     Albury    3.0    14.2     1.8      NA    NA
## 2357 2015-08-12     Albury    1.8     9.0     0.0      NA    NA
## 2358 2015-08-13     Albury    1.7    12.3     5.4      NA    NA
## 2359 2015-08-14     Albury    4.2    12.8     0.0      NA    NA
## 2360 2015-08-15     Albury    2.1    17.0     0.0      NA    NA
## 2361 2015-08-16     Albury    1.7    15.9     0.2      NA    NA
## 2362 2015-08-17     Albury    5.5    14.2     0.0      NA    NA
## 2363 2015-08-18     Albury   -0.9    12.7     0.0      NA    NA
## 2364 2015-08-19     Albury   -0.1    13.0     0.0      NA    NA
## 2365 2015-08-20     Albury    0.4    16.8     0.2      NA    NA
## 2366 2015-08-21     Albury    2.0    16.4     0.0      NA    NA
## 2367 2015-08-22     Albury    7.9    20.7     1.4      NA    NA
## 2368 2015-08-23     Albury    8.9    17.7     0.8      NA    NA
## 2369 2015-08-24     Albury    7.5    13.5     0.0      NA    NA
## 2370 2015-08-25     Albury    8.8    11.7    15.2      NA    NA
## 2371 2015-08-26     Albury    5.8    15.0    15.2      NA    NA
## 2372 2015-08-27     Albury    9.8    15.8    10.6      NA    NA
## 2373 2015-08-28     Albury    4.2    16.2     0.0      NA    NA
## 2374 2015-08-29     Albury    1.2    13.7     0.0      NA    NA
## 2375 2015-08-30     Albury    1.5    15.5     0.2      NA    NA
## 2376 2015-08-31     Albury    2.2    15.0     0.0      NA    NA
## 2377 2015-09-01     Albury    1.1    14.9     0.0      NA    NA
## 2378 2015-09-02     Albury    1.9    17.6     0.0      NA    NA
## 2379 2015-09-03     Albury    7.5    17.9    23.0      NA    NA
## 2380 2015-09-04     Albury    3.4    17.5     1.2      NA    NA
## 2381 2015-09-05     Albury    3.2    17.6     0.0      NA    NA
## 2382 2015-09-06     Albury    5.2    16.4     0.0      NA    NA
## 2383 2015-09-07     Albury    8.2    13.6     1.6      NA    NA
## 2384 2015-09-08     Albury    6.1    14.9     1.0      NA    NA
## 2385 2015-09-09     Albury    0.7    17.5     0.2      NA    NA
## 2386 2015-09-10     Albury    4.9    19.0     0.2      NA    NA
## 2387 2015-09-11     Albury    3.9    19.4     0.0      NA    NA
## 2388 2015-09-12     Albury    6.0    21.1     0.0      NA    NA
## 2389 2015-09-13     Albury    6.6    23.2     0.0      NA    NA
## 2390 2015-09-14     Albury    7.3    24.1     0.0      NA    NA
## 2391 2015-09-15     Albury   13.3    18.0     0.0      NA    NA
## 2392 2015-09-16     Albury    2.5    16.7     0.0      NA    NA
## 2393 2015-09-17     Albury    3.7    17.9     0.0      NA    NA
## 2394 2015-09-18     Albury    3.6    19.2     0.0      NA    NA
## 2395 2015-09-19     Albury    6.1    20.4     0.0      NA    NA
## 2396 2015-09-20     Albury    5.6    21.5     0.0      NA    NA
## 2397 2015-09-21     Albury    6.4    20.9     0.0      NA    NA
## 2398 2015-09-22     Albury    6.2    16.3     0.2      NA    NA
## 2399 2015-09-23     Albury   -0.2    14.9     0.0      NA    NA
## 2400 2015-09-24     Albury    1.7    16.9     0.0      NA    NA
## 2401 2015-09-25     Albury    2.9    19.0     0.0      NA    NA
```

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## 2402 2015-09-26        Albury    4.5   20.1     0.0        NA      NA
## 2403 2015-09-27        Albury    4.3   21.3     0.0        NA      NA
## 2404 2015-09-28        Albury    4.8   22.6     0.0        NA      NA
## 2405 2015-09-29        Albury    6.8   20.1     0.0        NA      NA
## 2406 2015-09-30        Albury    3.1   19.7     0.0        NA      NA
## 2407 2015-10-01        Albury    3.7   21.1     0.0        NA      NA
## 2408 2015-10-02        Albury    4.8   24.6     0.0        NA      NA
## 2409 2015-10-03        Albury    6.9   27.1     0.0        NA      NA
## 2410 2015-10-04        Albury    9.6   29.4     0.0        NA      NA
## 2411 2015-10-05        Albury   10.1   31.0     0.0        NA      NA
## 2412 2015-10-06        Albury   10.0   34.1     0.0        NA      NA
## 2413 2015-10-07        Albury   12.0   24.3     0.0        NA      NA
## 2414 2015-10-08        Albury   10.2   23.1     0.0        NA      NA
## 2415 2015-10-09        Albury   10.3   27.8     0.0        NA      NA
## 2416 2015-10-10        Albury   13.2   29.7     0.0        NA      NA
## 2417 2015-10-11        Albury   15.4   22.1     0.4        NA      NA
## 2418 2015-10-12        Albury   10.7   24.4     1.8        NA      NA
## 2419 2015-10-13        Albury    8.7   24.2     0.0        NA      NA
## 2420 2015-10-14        Albury   10.0   27.1     0.4        NA      NA
## 2421 2015-10-15        Albury   10.5   32.4     0.0        NA      NA
## 2422 2015-10-16        Albury   13.1   29.6     0.0        NA      NA
## 2423 2015-10-17        Albury   16.0   29.0     0.0        NA      NA
## 2424 2015-10-18        Albury    8.6   27.5     0.0        NA      NA
## 2425 2015-10-19        Albury    8.3   29.2     0.0        NA      NA
## 2426 2015-10-20        Albury   11.3   31.8     0.0        NA      NA
## 2427 2015-10-21        Albury   16.6   24.7     1.6        NA      NA
## 2428 2015-10-22        Albury   13.3   25.2     0.8        NA      NA
## 2429 2015-10-23        Albury   14.1   24.6     0.2        NA      NA
## 2430 2015-10-24        Albury   10.3   26.6     0.0        NA      NA
## 2431 2015-10-25        Albury   10.0   30.5     0.0        NA      NA
## 2432 2015-10-26        Albury   17.4   25.9     0.0        NA      NA
## 2433 2015-10-27        Albury   13.6   25.3     0.0        NA      NA
## 2434 2015-10-28        Albury    6.2   25.5     0.0        NA      NA
## 2435 2015-10-29        Albury    9.3   27.9     0.0        NA      NA
## 2436 2015-10-30        Albury    9.7   28.1     0.0        NA      NA
## 2437 2015-10-31        Albury   17.1   21.7     5.4        NA      NA
## 2438 2015-11-01        Albury   15.0   27.3    15.2        NA      NA
## 2439 2015-11-02        Albury   15.9   27.1    22.8        NA      NA
## 2440 2015-11-03        Albury   12.3   26.8     0.2        NA      NA
## 2441 2015-11-04        Albury   14.7   28.7     0.0        NA      NA
## 2442 2015-11-05        Albury   16.6   21.6     6.6        NA      NA
## 2443 2015-11-06        Albury   15.2   25.1     4.2        NA      NA
## 2444 2015-11-07        Albury   12.1   23.4     1.8        NA      NA
## 2445 2015-11-08        Albury    9.2   25.7     0.0        NA      NA
## 2446 2015-11-09        Albury   12.0   29.6     0.0        NA      NA
## 2447 2015-11-10        Albury   15.8   32.3     0.0        NA      NA
## 2448 2015-11-11        Albury   17.8   28.3     0.0        NA      NA
## 2449 2015-11-12        Albury   17.9   28.2    10.6        NA      NA
## 2450 2015-11-13        Albury   15.9   27.5     4.8        NA      NA
## 2451 2015-11-14        Albury   13.8   26.2     0.0        NA      NA
## 2452 2015-11-15        Albury   12.4   25.9     0.0        NA      NA
## 2453 2015-11-16        Albury   11.6   26.7     0.0        NA      NA
## 2454 2015-11-17        Albury   12.3   31.0     0.0        NA      NA
## 2455 2015-11-18        Albury   13.3   33.5     0.0        NA      NA
```

```
## 2456 2015-11-19      Albury   18.1   37.2    0.0      NA      NA
## 2457 2015-11-20      Albury   17.8   34.3    0.0      NA      NA
## 2458 2015-11-21      Albury   12.4   26.6    0.0      NA      NA
## 2459 2015-11-22      Albury    9.6   28.3    0.0      NA      NA
## 2460 2015-11-23      Albury    9.9   26.7    0.0      NA      NA
## 2461 2015-11-24      Albury   10.2   28.7    0.0      NA      NA
## 2462 2015-11-25      Albury   10.0   33.8    0.0      NA      NA
## 2463 2015-11-26      Albury   17.9   21.3    0.0      NA      NA
## 2464 2015-11-27      Albury    5.7   21.8    0.0      NA      NA
## 2465 2015-11-28      Albury    8.1   28.3    0.0      NA      NA
## 2466 2015-11-29      Albury   12.2   27.0    0.0      NA      NA
## 2467 2015-11-30      Albury   10.0   31.6    0.0      NA      NA
## 2468 2015-12-01      Albury   17.7   30.1    0.0      NA      NA
## 2469 2015-12-02      Albury    9.9   22.5    0.2      NA      NA
## 2470 2015-12-03      Albury    9.6   29.3    0.0      NA      NA
## 2471 2015-12-04      Albury   13.4   32.0    0.0      NA      NA
## 2472 2015-12-05      Albury   14.4   34.1    0.0      NA      NA
## 2473 2015-12-06      Albury   17.9   36.5    0.0      NA      NA
## 2474 2015-12-07      Albury   21.6   33.6    0.0      NA      NA
## 2475 2015-12-08      Albury   21.1   30.7    0.8      NA      NA
## 2476 2015-12-09      Albury   19.7   30.7   10.2      NA      NA
## 2477 2015-12-10      Albury   14.2   31.5    0.0      NA      NA
## 2478 2015-12-11      Albury   15.3   27.0    0.0      NA      NA
## 2479 2015-12-12      Albury    8.9   24.6    0.0      NA      NA
## 2480 2015-12-13      Albury    9.4   27.9    0.0      NA      NA
## 2481 2015-12-14      Albury   11.3   34.8    0.0      NA      NA
## 2482 2015-12-15      Albury   15.6   33.2    0.0      NA      NA
## 2483 2015-12-16      Albury   15.5   34.3    0.0      NA      NA
## 2484 2015-12-17      Albury   16.7   34.1    0.0      NA      NA
## 2485 2015-12-18      Albury   16.5   37.1    0.0      NA      NA
## 2486 2015-12-19      Albury   20.8   40.0    0.0      NA      NA
## 2487 2015-12-20      Albury   19.7   41.5    0.0      NA      NA
## 2488 2015-12-21      Albury   18.0   25.3   10.0      NA      NA
## 2489 2015-12-22      Albury   17.0   30.3    0.0      NA      NA
## 2490 2015-12-23      Albury   17.7   30.0    0.0      NA      NA
## 2491 2015-12-24      Albury   15.3   31.6    0.0      NA      NA
## 2492 2015-12-25      Albury   17.7   32.0    0.0      NA      NA
## 2493 2015-12-26      Albury   18.8   23.1    3.2      NA      NA
## 2494 2015-12-27      Albury   10.2   25.0    9.8      NA      NA
## 2495 2015-12-28      Albury   12.8   28.2    0.0      NA      NA
## 2496 2015-12-29      Albury   13.2   32.3    0.0      NA      NA
## 2497 2015-12-30      Albury   15.7   34.3    0.0      NA      NA
## 2498 2015-12-31      Albury   17.3   36.6    0.0      NA      NA
## 2499 2016-01-01      Albury   20.4   37.6    0.0      NA      NA
## 2500 2016-01-02      Albury   20.9   33.6    0.4      NA      NA
## 2501 2016-01-03      Albury   18.4   23.1    2.2      NA      NA
## 2502 2016-01-04      Albury   17.3   23.7   15.6      NA      NA
## 2503 2016-01-05      Albury   15.5   22.9    6.8      NA      NA
## 2504 2016-01-06      Albury   17.0   28.1    0.2      NA      NA
## 2505 2016-01-07      Albury   16.4   28.0    0.0      NA      NA
## 2506 2016-01-08      Albury   14.3   31.7    0.0      NA      NA
## 2507 2016-01-09      Albury   16.7   35.0    0.0      NA      NA
## 2508 2016-01-10      Albury   17.8   37.0    0.0      NA      NA
## 2509 2016-01-11      Albury   17.7   39.2    0.0      NA      NA
```

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## 2510 2016-01-12      Albury   20.6   38.9    0.0     NA    NA
## 2511 2016-01-13      Albury   20.2   43.0    0.0     NA    NA
## 2512 2016-01-14      Albury   26.8   30.2    0.0     NA    NA
## 2513 2016-01-15      Albury   10.4   25.2    0.0     NA    NA
## 2514 2016-01-16      Albury   10.7   29.4    0.0     NA    NA
## 2515 2016-01-17      Albury   14.5   30.6    0.0     NA    NA
## 2516 2016-01-18      Albury   14.4   33.5    0.0     NA    NA
## 2517 2016-01-19      Albury   16.1   40.0    0.0     NA    NA
## 2518 2016-01-20      Albury   23.4   33.9    0.0     NA    NA
## 2519 2016-01-21      Albury   20.4   38.0    0.0     NA    NA
## 2520 2016-01-22      Albury   22.8   28.1    0.0     NA    NA
## 2521 2016-01-23      Albury   17.0   31.3   12.6     NA    NA
## 2522 2016-01-24      Albury   16.6   33.2    0.0     NA    NA
## 2523 2016-01-25      Albury   18.1   32.8    0.0     NA    NA
## 2524 2016-01-26      Albury   18.7   34.2    0.0     NA    NA
## 2525 2016-01-27      Albury   18.5   25.7   19.4     NA    NA
## 2526 2016-01-28      Albury   17.7   31.7    4.2     NA    NA
## 2527 2016-01-29      Albury   17.1   24.2    0.0     NA    NA
## 2528 2016-01-30      Albury   10.0   28.1    0.0     NA    NA
## 2529 2016-01-31      Albury   13.8   24.2    7.0     NA    NA
## 2530 2016-02-01      Albury   13.0   26.1   28.6     NA    NA
## 2531 2016-02-02      Albury   14.4   29.7    0.2     NA    NA
## 2532 2016-02-03      Albury   19.8   25.8    0.0     NA    NA
## 2533 2016-02-04      Albury   16.5   29.8    0.4     NA    NA
## 2534 2016-02-05      Albury   14.2   29.9    0.0     NA    NA
## 2535 2016-02-06      Albury   14.6   30.3    0.0     NA    NA
## 2536 2016-02-07      Albury   15.2   32.8    0.0     NA    NA
## 2537 2016-02-08      Albury   18.0   35.2    0.0     NA    NA
## 2538 2016-02-09      Albury   18.8   35.0    0.0     NA    NA
## 2539 2016-02-10      Albury   15.7   35.0    0.0     NA    NA
## 2540 2016-02-11      Albury   17.3   35.2    0.0     NA    NA
## 2541 2016-02-12      Albury   17.3   34.9    0.0     NA    NA
## 2542 2016-02-13      Albury   16.9   37.7    0.0     NA    NA
## 2543 2016-02-14      Albury   22.3   30.3    0.0     NA    NA
## 2544 2016-02-15      Albury   13.8   28.9    0.0     NA    NA
## 2545 2016-02-16      Albury   15.2   26.3    0.0     NA    NA
## 2546 2016-02-17      Albury   10.5   26.7    0.0     NA    NA
## 2547 2016-02-18      Albury   12.7   30.5    0.0     NA    NA
## 2548 2016-02-19      Albury   13.9   32.9    0.0     NA    NA
## 2549 2016-02-20      Albury   15.2   31.2    0.0     NA    NA
## 2550 2016-02-21      Albury   13.6   34.4    0.0     NA    NA
## 2551 2016-02-22      Albury   15.2   35.4    0.0     NA    NA
## 2552 2016-02-23      Albury   20.1   39.5    0.0     NA    NA
## 2553 2016-02-24      Albury   22.5   40.9    0.0     NA    NA
## 2554 2016-02-25      Albury   22.4   36.4    0.0     NA    NA
## 2555 2016-02-26      Albury   14.9   31.2    0.2     NA    NA
## 2556 2016-02-27      Albury   14.7   33.1    0.0     NA    NA
## 2557 2016-02-28      Albury   16.2   33.4    0.0     NA    NA
## 2558 2016-02-29      Albury   15.4   32.3    0.0     NA    NA
## 2559 2016-03-01      Albury   14.7   35.1    0.0     NA    NA
## 2560 2016-03-02      Albury   16.8   37.2    0.0     NA    NA
## 2561 2016-03-03      Albury   16.7   35.0    0.0     NA    NA
## 2562 2016-03-04      Albury   15.9   37.0    0.0     NA    NA
## 2563 2016-03-05      Albury   20.3   38.5    0.0     NA    NA
```

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## 2564 2016-03-06      Albury   20.5   37.1    0.0     NA   NA
## 2565 2016-03-07      Albury   17.4   38.5    0.2     NA   NA
## 2566 2016-03-08      Albury   20.1   38.3    0.0     NA   NA
## 2567 2016-03-09      Albury   18.7   38.3    0.0     NA   NA
## 2568 2016-03-10      Albury   24.6   36.8    0.0     NA   NA
## 2569 2016-03-11      Albury   20.0   32.3    0.6     NA   NA
## 2570 2016-03-12      Albury   20.0   34.0    6.6     NA   NA
## 2571 2016-03-13      Albury   19.4   35.2    0.2     NA   NA
## 2572 2016-03-14      Albury   18.0   35.1    0.0     NA   NA
## 2573 2016-03-15      Albury   20.4   31.8    0.0     NA   NA
## 2574 2016-03-16      Albury   19.2   30.8    0.0     NA   NA
## 2575 2016-03-17      Albury   16.0   31.1    0.4     NA   NA
## 2576 2016-03-18      Albury   19.8   21.1   10.4     NA   NA
## 2577 2016-03-19      Albury    9.5   21.1   10.4     NA   NA
## 2578 2016-03-20      Albury   12.7   24.2    0.0     NA   NA
## 2579 2016-03-21      Albury   12.4   25.2    0.0     NA   NA
## 2580 2016-03-22      Albury   11.0   26.5    0.0     NA   NA
## 2581 2016-03-23      Albury   10.0   27.1    0.0     NA   NA
## 2582 2016-03-24      Albury   14.2   25.1    0.0     NA   NA
## 2583 2016-03-25      Albury   15.5   28.4    0.2     NA   NA
## 2584 2016-03-26      Albury    8.9   26.4    0.0     NA   NA
## 2585 2016-03-27      Albury   10.0   27.4    0.0     NA   NA
## 2586 2016-03-28      Albury   11.7   27.8    0.0     NA   NA
## 2587 2016-03-29      Albury   13.8   26.2    0.0     NA   NA
## 2588 2016-03-30      Albury   11.8   20.4    0.8     NA   NA
## 2589 2016-03-31      Albury    9.5   25.5    0.0     NA   NA
## 2590 2016-04-01      Albury    9.2   27.0    0.0     NA   NA
## 2591 2016-04-02      Albury    8.6   30.0    0.0     NA   NA
## 2592 2016-04-03      Albury    7.6   26.5    0.0     NA   NA
## 2593 2016-04-04      Albury    9.7   28.8    0.0     NA   NA
## 2594 2016-04-05      Albury   10.5   31.8    0.0     NA   NA
## 2595 2016-04-06      Albury    7.9   26.4    0.0     NA   NA
## 2596 2016-04-07      Albury    5.3   22.5    0.0     NA   NA
## 2597 2016-04-08      Albury   11.4   19.7    0.0     NA   NA
## 2598 2016-04-09      Albury    4.8   23.1    0.4     NA   NA
## 2599 2016-04-10      Albury    6.1   24.0    0.0     NA   NA
## 2600 2016-04-11      Albury    8.7   24.9    0.0     NA   NA
## 2601 2016-04-12      Albury    8.4   24.7    0.0     NA   NA
## 2602 2016-04-13      Albury    8.9   27.2    0.0     NA   NA
## 2603 2016-04-14      Albury   10.0   28.7    0.0     NA   NA
## 2604 2016-04-15      Albury   11.0   27.6    0.0     NA   NA
## 2605 2016-04-16      Albury   12.9   28.5    0.0     NA   NA
## 2606 2016-04-17      Albury   11.7   25.4    0.0     NA   NA
## 2607 2016-04-18      Albury   10.6   25.7    3.8     NA   NA
## 2608 2016-04-19      Albury    9.5   26.1    0.0     NA   NA
## 2609 2016-04-20      Albury    8.8   27.0    0.0     NA   NA
## 2610 2016-04-21      Albury    9.8   22.4    0.0     NA   NA
## 2611 2016-04-22      Albury   12.8   23.6    3.6     NA   NA
## 2612 2016-04-23      Albury    9.4   22.7    0.0     NA   NA
## 2613 2016-04-24      Albury    7.1   24.9    0.0     NA   NA
## 2614 2016-04-25      Albury    6.7   24.3    0.0     NA   NA
## 2615 2016-04-26      Albury    6.1   25.4    0.0     NA   NA
## 2616 2016-04-27      Albury    6.4   26.6    0.0     NA   NA
## 2617 2016-04-28      Albury   11.7   28.5    0.0     NA   NA
```

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## 2618 2016-04-29      Albury    12.1    26.9     0.0      NA    NA
## 2619 2016-04-30      Albury    16.8    23.4     8.6      NA    NA
## 2620 2016-05-01      Albury    13.2    20.0     4.0      NA    NA
## 2621 2016-05-02      Albury     3.8    16.9     0.0      NA    NA
## 2622 2016-05-03      Albury     6.6    22.2     0.0      NA    NA
## 2623 2016-05-04      Albury    11.0    17.5     2.4      NA    NA
## 2624 2016-05-05      Albury    10.5    20.3     0.0      NA    NA
## 2625 2016-05-06      Albury     6.7    25.2     0.0      NA    NA
## 2626 2016-05-07      Albury     7.9    24.0     0.0      NA    NA
## 2627 2016-05-08      Albury    13.9    18.2    13.2      NA    NA
## 2628 2016-05-09      Albury    14.7    18.3    46.0      NA    NA
## 2629 2016-05-10      Albury    13.4    17.3    13.4      NA    NA
## 2630 2016-05-11      Albury     9.3    15.8     2.2      NA    NA
## 2631 2016-05-12      Albury    10.8    17.2     2.0      NA    NA
## 2632 2016-05-13      Albury    13.6    20.2     0.2      NA    NA
## 2633 2016-05-14      Albury     8.7    20.3     0.0      NA    NA
## 2634 2016-05-15      Albury     9.5    22.1     0.0      NA    NA
## 2635 2016-05-16      Albury     6.3    20.4     0.0      NA    NA
## 2636 2016-05-17      Albury     9.1    18.3     4.8      NA    NA
## 2637 2016-05-18      Albury     8.0    17.3     0.0      NA    NA
## 2638 2016-05-19      Albury     8.3    17.3     0.0      NA    NA
## 2639 2016-05-20      Albury    12.1    18.5     0.0      NA    NA
## 2640 2016-05-21      Albury     4.7    17.9     0.0      NA    NA
## 2641 2016-05-22      Albury     5.3    21.8     0.0      NA    NA
## 2642 2016-05-23      Albury    10.4    15.8     3.0      NA    NA
## 2643 2016-05-24      Albury     8.2    16.2     0.0      NA    NA
## 2644 2016-05-25      Albury     2.5    14.8     0.0      NA    NA
## 2645 2016-05-26      Albury     6.9    14.1    15.2      NA    NA
## 2646 2016-05-27      Albury     4.8    14.0     1.2      NA    NA
## 2647 2016-05-28      Albury     3.8    14.4     0.0      NA    NA
## 2648 2016-05-29      Albury     0.5    14.1     0.2      NA    NA
## 2649 2016-05-30      Albury     3.6    14.1     0.0      NA    NA
## 2650 2016-05-31      Albury     1.8    15.9     0.0      NA    NA
## 2651 2016-06-01      Albury     3.2    17.3     0.0      NA    NA
## 2652 2016-06-02      Albury     3.3    18.1     0.0      NA    NA
## 2653 2016-06-03      Albury     4.7    13.6     0.0      NA    NA
## 2654 2016-06-04      Albury     9.8    14.9    11.6      NA    NA
## 2655 2016-06-05      Albury    10.8    14.6    11.6      NA    NA
## 2656 2016-06-06      Albury     7.2    12.3     1.2      NA    NA
## 2657 2016-06-07      Albury     9.0    12.6     3.6      NA    NA
## 2658 2016-06-08      Albury     9.8    14.6     1.8      NA    NA
## 2659 2016-06-09      Albury    11.4    15.7     7.2      NA    NA
## 2660 2016-06-10      Albury    10.5    13.8     3.0      NA    NA
## 2661 2016-06-11      Albury     9.6    13.0     1.2      NA    NA
## 2662 2016-06-12      Albury     0.4    12.7     0.0      NA    NA
## 2663 2016-06-13      Albury    -0.6    13.8     0.2      NA    NA
## 2664 2016-06-14      Albury     0.9    15.2     0.0      NA    NA
## 2665 2016-06-15      Albury     0.9    11.4     0.2      NA    NA
## 2666 2016-06-16      Albury     0.0    12.9     0.0      NA    NA
## 2667 2016-06-17      Albury     4.1    15.9     7.6      NA    NA
## 2668 2016-06-18      Albury     9.0    17.6     0.2      NA    NA
## 2669 2016-06-19      Albury     8.1    14.3     0.2      NA    NA
## 2670 2016-06-20      Albury    10.0    16.6    14.4      NA    NA
## 2671 2016-06-21      Albury     8.8    11.6     1.4      NA    NA
```

```
## 2672 2016-06-22        Albury     9.1   13.7   12.6       NA       NA
## 2673 2016-06-23        Albury     9.0   13.2    0.2       NA       NA
## 2674 2016-06-24        Albury     6.6    8.2    4.0       NA       NA
## 2675 2016-06-25        Albury    -0.8   10.5    2.6       NA       NA
## 2676 2016-06-26        Albury    -1.3    7.5    0.0       NA       NA
## 2677 2016-06-27        Albury     2.1   10.6    0.2       NA       NA
## 2678 2016-06-28        Albury     2.5   11.8    0.2       NA       NA
## 2679 2016-06-29        Albury     6.2   13.5    0.8       NA       NA
## 2680 2016-06-30        Albury     3.0   11.2    0.0       NA       NA
## 2681 2016-07-01        Albury     5.2   11.4   11.4       NA       NA
## 2682 2016-07-02        Albury     7.2   12.5    0.4       NA       NA
## 2683 2016-07-03        Albury     7.9   12.7    0.2       NA       NA
## 2684 2016-07-04        Albury     8.2   11.7    0.2       NA       NA
## 2685 2016-07-05        Albury     6.7   10.6    1.0       NA       NA
## 2686 2016-07-06        Albury     7.2   15.4    7.6       NA       NA
## 2687 2016-07-07        Albury     4.0   16.5    0.0       NA       NA
## 2688 2016-07-08        Albury     6.5   11.8    0.2       NA       NA
## 2689 2016-07-09        Albury     7.0   15.8    2.0       NA       NA
## 2690 2016-07-10        Albury     6.2   14.0    0.0       NA       NA
## 2691 2016-07-11        Albury     9.1   16.2   16.6       NA       NA
## 2692 2016-07-12        Albury     8.6   12.9    0.4       NA       NA
## 2693 2016-07-13        Albury     3.6    9.5    9.6       NA       NA
## 2694 2016-07-14        Albury    -0.3   10.8    0.2       NA       NA
## 2695 2016-07-15        Albury     4.4   12.8    0.0       NA       NA
## 2696 2016-07-16        Albury    -0.4   14.0    0.2       NA       NA
## 2697 2016-07-17        Albury     0.4   16.5    0.0       NA       NA
## 2698 2016-07-18        Albury     2.1   13.4    0.0       NA       NA
## 2699 2016-07-19        Albury     7.3   15.2    5.0       NA       NA
## 2700 2016-07-20        Albury     8.5   17.3    0.0       NA       NA
## 2701 2016-07-21        Albury     6.2   16.8    0.4       NA       NA
## 2702 2016-07-22        Albury     9.9   18.2    6.8       NA       NA
## 2703 2016-07-23        Albury     7.1   10.8   24.2       NA       NA
## 2704 2016-07-24        Albury    -0.2   10.1    0.6       NA       NA
## 2705 2016-07-25        Albury     4.7   11.5   12.0       NA       NA
## 2706 2016-07-26        Albury     4.5   11.3    4.0       NA       NA
## 2707 2016-07-27        Albury     6.9   12.6   10.6       NA       NA
## 2708 2016-07-28        Albury     5.9   10.8    0.0       NA       NA
## 2709 2016-07-29        Albury     7.7   12.2    0.8       NA       NA
## 2710 2016-07-30        Albury     8.3   12.1    0.2       NA       NA
## 2711 2016-07-31        Albury     8.0   14.3    2.2       NA       NA
## 2712 2016-08-01        Albury     9.6   11.8    3.8       NA       NA
## 2713 2016-08-02        Albury     8.3   13.7   21.0       NA       NA
## 2714 2016-08-03        Albury    -0.2   15.4    0.0       NA       NA
## 2715 2016-08-04        Albury     1.4   15.1    0.2       NA       NA
## 2716 2016-08-05        Albury     0.5   15.3    0.0       NA       NA
## 2717 2016-08-06        Albury     1.2   13.0    0.0       NA       NA
## 2718 2016-08-07        Albury     0.7   15.6    0.2       NA       NA
## 2719 2016-08-08        Albury     1.4   15.1    0.0       NA       NA
## 2720 2016-08-09        Albury     1.8   17.2    0.0       NA       NA
## 2721 2016-08-10        Albury     7.4   15.0    2.6       NA       NA
## 2722 2016-08-11        Albury     4.7   13.4    0.2       NA       NA
## 2723 2016-08-12        Albury     0.7   11.6    0.0       NA       NA
## 2724 2016-08-13        Albury     4.7   15.4    0.6       NA       NA
## 2725 2016-08-14        Albury     4.7   16.6    0.2       NA       NA
```

```
## 2726 2016-08-15       Albury     2.2   16.8     0.0        NA    NA
## 2727 2016-08-16       Albury     1.7   18.5     0.0        NA    NA
## 2728 2016-08-17       Albury     6.0   18.0     0.0        NA    NA
## 2729 2016-08-18       Albury     4.0   19.6     0.0        NA    NA
## 2730 2016-08-19       Albury     9.3   16.4     0.0        NA    NA
## 2731 2016-08-20       Albury     5.3   12.0    11.0        NA    NA
## 2732 2016-08-21       Albury     5.4   15.4     1.0        NA    NA
## 2733 2016-08-22       Albury     8.4   13.9     0.2        NA    NA
## 2734 2016-08-23       Albury     4.2   15.7    11.0        NA    NA
## 2735 2016-08-24       Albury     2.6   12.2     0.0        NA    NA
## 2736 2016-08-25       Albury     3.3   14.1     0.2        NA    NA
## 2737 2016-08-26       Albury     0.2   13.6     0.0        NA    NA
## 2738 2016-08-27       Albury     0.7   13.5     0.2        NA    NA
## 2739 2016-08-28       Albury     2.1   16.9     0.0        NA    NA
## 2740 2016-08-29       Albury     3.4   18.2     0.0        NA    NA
## 2741 2016-08-30       Albury     7.8   15.3     0.0        NA    NA
## 2742 2016-08-31       Albury    10.6   18.4    22.0        NA    NA
## 2743 2016-09-01       Albury     8.5   16.7     0.4        NA    NA
## 2744 2016-09-02       Albury     6.1   13.9     0.2        NA    NA
## 2745 2016-09-03       Albury     9.6   16.6    33.6        NA    NA
## 2746 2016-09-04       Albury     7.7   15.1     0.6        NA    NA
## 2747 2016-09-05       Albury     4.4   15.9     0.0        NA    NA
## 2748 2016-09-06       Albury     4.4   18.1     0.0        NA    NA
## 2749 2016-09-07       Albury     5.5   20.5     0.0        NA    NA
## 2750 2016-09-08       Albury     8.1   20.3     0.0        NA    NA
## 2751 2016-09-09       Albury    12.6   17.8     4.0        NA    NA
## 2752 2016-09-10       Albury    11.2   17.7    17.0        NA    NA
## 2753 2016-09-11       Albury     3.7   14.9     0.2        NA    NA
## 2754 2016-09-12       Albury     5.1   17.8     0.0        NA    NA
## 2755 2016-09-13       Albury     6.9   19.7     0.0        NA    NA
## 2756 2016-09-14       Albury    12.4   16.2     8.6        NA    NA
## 2757 2016-09-15       Albury     8.3   13.6    10.8        NA    NA
## 2758 2016-09-16       Albury     9.4   16.1     0.4        NA    NA
## 2759 2016-09-17       Albury     4.4   18.2     0.6        NA    NA
## 2760 2016-09-18       Albury     7.1   13.8     1.2        NA    NA
## 2761 2016-09-19       Albury     7.4   15.9     7.4        NA    NA
## 2762 2016-09-20       Albury     5.3   14.9     0.0        NA    NA
## 2763 2016-09-21       Albury     9.8   16.2    12.8        NA    NA
## 2764 2016-09-22       Albury     9.3   18.8     0.0        NA    NA
## 2765 2016-09-23       Albury     4.9   20.5     0.0        NA    NA
## 2766 2016-09-24       Albury     8.3   20.5     0.0        NA    NA
## 2767 2016-09-25       Albury    11.0   17.5     3.0        NA    NA
## 2768 2016-09-26       Albury     4.8   15.9     0.0        NA    NA
## 2769 2016-09-27       Albury     7.1   15.2     2.8        NA    NA
## 2770 2016-09-28       Albury     5.3   17.9     1.8        NA    NA
## 2771 2016-09-29       Albury    11.1   14.8    20.6        NA    NA
## 2772 2016-09-30       Albury     8.4   13.7    16.2        NA    NA
## 2773 2016-10-01       Albury     9.2   14.9     9.0        NA    NA
## 2774 2016-10-02       Albury     5.9   21.7     0.8        NA    NA
## 2775 2016-10-03       Albury    10.8   15.1    12.4        NA    NA
## 2776 2016-10-04       Albury     8.3   15.0     8.6        NA    NA
## 2777 2016-10-05       Albury     3.5   15.7     7.8        NA    NA
## 2778 2016-10-06       Albury     7.0   21.6     0.0        NA    NA
## 2779 2016-10-07       Albury     9.0   23.8     0.0        NA    NA
```

```
## 2780 2016-10-08      Albury   11.8   22.1    0.0      NA    NA
## 2781 2016-10-09      Albury    8.3   20.9    0.0      NA    NA
## 2782 2016-10-10      Albury    9.6   14.8    6.6      NA    NA
## 2783 2016-10-11      Albury    5.7   14.8    0.6      NA    NA
## 2784 2016-10-12      Albury    5.3   16.7    0.2      NA    NA
## 2785 2016-10-13      Albury    6.9   18.5    0.2      NA    NA
## 2786 2016-10-14      Albury    4.2   20.7    0.0      NA    NA
## 2787 2016-10-15      Albury    5.7   22.4    0.0      NA    NA
## 2788 2016-10-16      Albury   11.8   24.9    0.0      NA    NA
## 2789 2016-10-17      Albury    9.7   17.6    9.6      NA    NA
## 2790 2016-10-18      Albury   10.1   16.4    0.8      NA    NA
## 2791 2016-10-19      Albury    4.7   16.2    2.6      NA    NA
## 2792 2016-10-20      Albury    3.6   19.4    0.2      NA    NA
## 2793 2016-10-21      Albury    7.4   23.7    0.0      NA    NA
## 2794 2016-10-22      Albury    6.4   16.2    1.0      NA    NA
## 2795 2016-10-23      Albury    3.3   17.6    0.0      NA    NA
## 2796 2016-10-24      Albury    3.6   19.0    0.0      NA    NA
## 2797 2016-10-25      Albury    5.3   22.9    0.0      NA    NA
## 2798 2016-10-26      Albury   12.7   24.6    0.0      NA    NA
## 2799 2016-10-27      Albury    8.2   22.2    0.0      NA    NA
## 2800 2016-10-28      Albury    7.5   23.3    0.0      NA    NA
## 2801 2016-10-29      Albury    9.3   25.7    0.0      NA    NA
## 2802 2016-10-30      Albury   14.7   24.3    0.0      NA    NA
## 2803 2016-10-31      Albury    5.1   17.0    1.0      NA    NA
## 2804 2016-11-01      Albury    7.1   18.6    0.0      NA    NA
## 2805 2016-11-02      Albury    7.6   19.7    0.0      NA    NA
## 2806 2016-11-03      Albury    6.9   23.0    0.0      NA    NA
## 2807 2016-11-04      Albury    7.6   28.2    0.0      NA    NA
## 2808 2016-11-05      Albury    9.6   18.4    0.0      NA    NA
## 2809 2016-11-06      Albury    7.9   20.9    0.0      NA    NA
## 2810 2016-11-07      Albury    8.8   29.4    0.0      NA    NA
## 2811 2016-11-08      Albury   11.6   24.9    0.0      NA    NA
## 2812 2016-11-09      Albury    9.7   25.9    0.0      NA    NA
## 2813 2016-11-10      Albury    9.9   24.4    0.0      NA    NA
## 2814 2016-11-11      Albury    7.7   26.9    0.0      NA    NA
## 2815 2016-11-12      Albury   14.1   27.1    8.0      NA    NA
## 2816 2016-11-13      Albury   11.7   16.0    1.8      NA    NA
## 2817 2016-11-14      Albury   11.3   20.9   18.8      NA    NA
## 2818 2016-11-15      Albury    6.9   22.9    0.8      NA    NA
## 2819 2016-11-16      Albury    8.9   26.3    0.0      NA    NA
## 2820 2016-11-17      Albury   11.0   29.3    0.0      NA    NA
## 2821 2016-11-18      Albury   14.0   29.9    0.0      NA    NA
## 2822 2016-11-19      Albury   14.8   31.5    0.0      NA    NA
## 2823 2016-11-20      Albury   14.6   32.0    0.0      NA    NA
## 2824 2016-11-21      Albury   19.2   36.2    0.8      NA    NA
## 2825 2016-11-22      Albury   21.6   26.6    0.0      NA    NA
## 2826 2016-11-23      Albury   14.3   21.6   19.2      NA    NA
## 2827 2016-11-24      Albury    5.9   21.6    0.2      NA    NA
## 2828 2016-11-25      Albury    8.2   22.0    0.0      NA    NA
## 2829 2016-11-26      Albury    7.3   24.5    0.0      NA    NA
## 2830 2016-11-27      Albury    9.3   28.1    0.0      NA    NA
## 2831 2016-11-28      Albury   11.4   29.2    0.0      NA    NA
## 2832 2016-11-29      Albury   10.8   29.4    0.0      NA    NA
## 2833 2016-11-30      Albury   12.9   32.2    0.0      NA    NA
```

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## 2834 2016-12-01      Albury    13.7    30.2     0.0      NA    NA
## 2835 2016-12-02      Albury    12.8    30.8     0.0      NA    NA
## 2836 2016-12-03      Albury    13.8    31.2     0.0      NA    NA
## 2837 2016-12-04      Albury    12.8    32.8     0.0      NA    NA
## 2838 2016-12-05      Albury    19.3    32.8     0.0      NA    NA
## 2839 2016-12-06      Albury    19.8    26.1     0.0      NA    NA
## 2840 2016-12-07      Albury    10.0    29.6     0.0      NA    NA
## 2841 2016-12-08      Albury    11.5    29.7     0.0      NA    NA
## 2842 2016-12-09      Albury     9.9    21.0     1.0      NA    NA
## 2843 2016-12-10      Albury     7.5    26.9     0.0      NA    NA
## 2844 2016-12-11      Albury    10.7    29.8     0.0      NA    NA
## 2845 2016-12-12      Albury    11.7    33.0     0.0      NA    NA
## 2846 2016-12-13      Albury    13.4    37.2     0.0      NA    NA
## 2847 2016-12-14      Albury    20.4    26.9     0.4      NA    NA
## 2848 2016-12-15      Albury    13.8    29.8     0.0      NA    NA
## 2849 2016-12-16      Albury    16.0    22.7     5.2      NA    NA
## 2850 2016-12-17      Albury    17.3    28.5     0.0      NA    NA
## 2851 2016-12-18      Albury     9.0    26.3     0.0      NA    NA
## 2852 2016-12-19      Albury    10.3    29.5     0.0      NA    NA
## 2853 2016-12-20      Albury    13.1    29.6     0.0      NA    NA
## 2854 2016-12-21      Albury     9.7    28.3     1.2      NA    NA
## 2855 2016-12-22      Albury    14.1    31.4     0.0      NA    NA
## 2856 2016-12-23      Albury    15.4    35.3     0.0      NA    NA
## 2857 2016-12-24      Albury    17.5    34.0     0.0      NA    NA
## 2858 2016-12-25      Albury    15.9    35.6     1.6      NA    NA
## 2859 2016-12-26      Albury    17.6    36.5     0.0      NA    NA
## 2860 2016-12-27      Albury    20.9    31.5     2.0      NA    NA
## 2861 2016-12-28      Albury    21.9    35.6     0.0      NA    NA
## 2862 2016-12-29      Albury    22.0    27.7     3.8      NA    NA
## 2863 2016-12-30      Albury    22.8    32.1     3.2      NA    NA
## 2864 2016-12-31      Albury    15.9    33.1     4.4      NA    NA
## 2865 2017-01-01      Albury    15.5    31.6     0.0      NA    NA
## 2866 2017-01-02      Albury    14.9    32.0     0.0      NA    NA
## 2867 2017-01-03      Albury    13.7    32.0     0.0      NA    NA
## 2868 2017-01-04      Albury    16.2    33.0     0.0      NA    NA
## 2869 2017-01-05      Albury    18.0    33.5     0.0      NA    NA
## 2870 2017-01-06      Albury    17.1    35.4     0.0      NA    NA
## 2871 2017-01-07      Albury    17.9    35.4     0.0      NA    NA
## 2872 2017-01-08      Albury    19.1    36.0     0.0      NA    NA
## 2873 2017-01-09      Albury    21.3    30.7     0.0      NA    NA
## 2874 2017-01-10      Albury    19.8    31.0    10.6      NA    NA
## 2875 2017-01-11      Albury    20.1    34.2     0.0      NA    NA
## 2876 2017-01-12      Albury    14.5    35.0     0.0      NA    NA
## 2877 2017-01-13      Albury    16.7    32.0     0.0      NA    NA
## 2878 2017-01-14      Albury    16.9    25.4    14.2      NA    NA
## 2879 2017-01-15      Albury    11.5    31.6     0.0      NA    NA
## 2880 2017-01-16      Albury    13.3    34.8     0.0      NA    NA
## 2881 2017-01-17      Albury    16.0    40.9     0.0      NA    NA
## 2882 2017-01-18      Albury    16.7    30.4     0.0      NA    NA
## 2883 2017-01-19      Albury    14.9    33.3     0.0      NA    NA
## 2884 2017-01-20      Albury    18.6    28.1    18.0      NA    NA
## 2885 2017-01-21      Albury    11.4    30.1     2.6      NA    NA
## 2886 2017-01-22      Albury    14.6    32.9     0.0      NA    NA
## 2887 2017-01-23      Albury    19.2    39.3     0.0      NA    NA
```

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## 2888 2017-01-24      Albury   23.2   32.6    0.0       NA      NA
## 2889 2017-01-25      Albury   16.3   32.4    0.0       NA      NA
## 2890 2017-01-26      Albury   15.8   34.2    0.0       NA      NA
## 2891 2017-01-27      Albury   17.4   35.9    0.0       NA      NA
## 2892 2017-01-28      Albury   17.5   36.9    0.0       NA      NA
## 2893 2017-01-29      Albury   16.8   38.5    0.0       NA      NA
## 2894 2017-01-30      Albury   16.4   42.5    0.0       NA      NA
## 2895 2017-01-31      Albury   23.5   32.1    0.0       NA      NA
## 2896 2017-02-01      Albury   15.7   27.8    0.0       NA      NA
## 2897 2017-02-02      Albury   11.9   28.1    0.0       NA      NA
## 2898 2017-02-03      Albury   12.0   33.6    0.0       NA      NA
## 2899 2017-02-04      Albury   14.5   34.3    0.0       NA      NA
## 2900 2017-02-05      Albury   18.9   32.6    0.0       NA      NA
## 2901 2017-02-06      Albury   20.9   23.8    3.4       NA      NA
## 2902 2017-02-07      Albury   18.9   33.1    5.2       NA      NA
## 2903 2017-02-08      Albury   20.0   35.8    0.0       NA      NA
## 2904 2017-02-09      Albury   20.5   40.3    0.0       NA      NA
## 2905 2017-02-10      Albury   23.0   43.7    0.0       NA      NA
## 2906 2017-02-11      Albury   23.9   40.7    0.0       NA      NA
## 2907 2017-02-12      Albury   20.0   21.2    1.4       NA      NA
## 2908 2017-02-13      Albury   10.0   25.6    1.0       NA      NA
## 2909 2017-02-14      Albury   11.5   28.6    0.0       NA      NA
## 2910 2017-02-15      Albury   11.9   32.9    0.0       NA      NA
## 2911 2017-02-16      Albury   13.4   37.8    0.0       NA      NA
## 2912 2017-02-17      Albury   17.5   32.0    0.0       NA      NA
## 2913 2017-02-18      Albury   13.9   25.1    1.0       NA      NA
## 2914 2017-02-19      Albury    7.6   22.4    0.0       NA      NA
## 2915 2017-02-20      Albury    7.5   22.1     NA       NA      NA
## 2916 2017-02-21      Albury    8.4   27.1    0.0       NA      NA
## 2917 2017-02-22      Albury   10.6   34.7    0.0       NA      NA
## 2918 2017-02-23      Albury   14.5   35.9    0.0       NA      NA
## 2919 2017-02-24      Albury   15.1   33.6    0.0       NA      NA
## 2920 2017-02-25      Albury   15.4   30.3    0.0       NA      NA
## 2921 2017-02-26      Albury   14.7   30.9    0.0       NA      NA
## 2922 2017-02-27      Albury   14.1   32.2    0.0       NA      NA
## 2923 2017-02-28      Albury   15.3   33.6    0.0       NA      NA
## 2924 2017-03-01      Albury   16.7   34.3    0.0       NA      NA
## 2925 2017-03-02      Albury   17.7   34.5    0.0       NA      NA
## 2926 2017-03-03      Albury   18.5   32.1    0.0       NA      NA
## 2927 2017-03-04      Albury   18.9   31.2    0.0       NA      NA
## 2928 2017-03-05      Albury   19.2   32.4    0.0       NA      NA
## 2929 2017-03-06      Albury   15.4   29.9    0.0       NA      NA
## 2930 2017-03-07      Albury   16.8   29.9    0.0       NA      NA
## 2931 2017-03-08      Albury   12.4   29.5    0.0       NA      NA
## 2932 2017-03-09      Albury   11.9   30.3    0.0       NA      NA
## 2933 2017-03-10      Albury   11.0   32.7    0.0       NA      NA
## 2934 2017-03-11      Albury   14.3   32.5    0.0       NA      NA
## 2935 2017-03-12      Albury   18.6   36.0    0.0       NA      NA
## 2936 2017-03-13      Albury   16.0   30.9     NA       NA      NA
## 2937 2017-03-14      Albury   15.4   33.9    0.0       NA      NA
## 2938 2017-03-15      Albury   16.7   33.8    0.0       NA      NA
## 2939 2017-03-16      Albury   20.9   31.5    0.0       NA      NA
## 2940 2017-03-17      Albury   19.3   31.2    0.0       NA      NA
## 2941 2017-03-18      Albury   13.6   32.6    0.0       NA      NA
```

```
## 2942 2017-03-19       Albury   15.3   34.9    0.0      NA      NA
## 2943 2017-03-20       Albury   20.0   33.1    0.0      NA      NA
## 2944 2017-03-21       Albury   20.1   25.2     NA      NA      NA
## 2945 2017-03-22       Albury   19.6   26.6     NA      NA      NA
## 2946 2017-03-23       Albury   19.4   23.7     NA      NA      NA
## 2947 2017-03-24       Albury   14.2   27.8    0.0      NA      NA
## 2948 2017-03-25       Albury   17.6   24.4    0.0      NA      NA
## 2949 2017-03-26       Albury   15.6   30.3    0.2      NA      NA
## 2950 2017-03-27       Albury   17.5   34.7    0.0      NA      NA
## 2951 2017-03-28       Albury   12.3   26.0    3.2      NA      NA
## 2952 2017-03-29       Albury   10.5   28.0    0.2      NA      NA
## 2953 2017-03-30       Albury   11.7   21.3    0.0      NA      NA
## 2954 2017-03-31       Albury    6.5   21.4    0.0      NA      NA
## 2955 2017-04-01       Albury    6.0   22.1    0.0      NA      NA
## 2956 2017-04-02       Albury    7.6   22.8    0.0      NA      NA
## 2957 2017-04-03       Albury   12.1   23.9    0.0      NA      NA
## 2958 2017-04-04       Albury    8.6   23.9    0.0      NA      NA
## 2959 2017-04-05       Albury    9.1   24.2    0.0      NA      NA
## 2960 2017-04-06       Albury    9.3   24.8    0.0      NA      NA
## 2961 2017-04-07       Albury    8.7   25.4    0.0      NA      NA
## 2962 2017-04-08       Albury    9.1   24.2    0.0      NA      NA
## 2963 2017-04-09       Albury   14.1   19.9    1.8      NA      NA
## 2964 2017-04-10       Albury    7.8   17.4   10.8      NA      NA
## 2965 2017-04-11       Albury    5.9   21.3    0.2      NA      NA
## 2966 2017-04-12       Albury    8.1   23.9    0.0      NA      NA
## 2967 2017-04-13       Albury    8.4   24.1    0.0      NA      NA
## 2968 2017-04-14       Albury    7.8   24.2    0.0      NA      NA
## 2969 2017-04-15       Albury    5.7   21.2    0.0      NA      NA
## 2970 2017-04-16       Albury    6.4   21.4    0.0      NA      NA
## 2971 2017-04-17       Albury    8.6   24.8    0.0      NA      NA
## 2972 2017-04-18       Albury   11.0   26.9    0.0      NA      NA
## 2973 2017-04-19       Albury    9.6   24.6    0.0      NA      NA
## 2974 2017-04-20       Albury    9.7   26.3    0.0      NA      NA
## 2975 2017-04-21       Albury   14.5   17.6    1.0      NA      NA
## 2976 2017-04-22       Albury   14.8   19.7   17.2      NA      NA
## 2977 2017-04-23       Albury   11.2   23.8    0.6      NA      NA
## 2978 2017-04-24       Albury   11.0   23.3    0.0      NA      NA
## 2979 2017-04-25       Albury   15.4   20.4    9.6      NA      NA
## 2980 2017-04-26       Albury   10.0   15.7   31.2      NA      NA
## 2981 2017-04-27       Albury    2.4   16.7    0.2      NA      NA
## 2982 2017-04-28       Albury    3.5   17.3    0.0      NA      NA
## 2983 2017-04-29       Albury    6.3   19.8    0.0      NA      NA
## 2984 2017-04-30       Albury    6.8   19.9    0.0      NA      NA
## 2985 2017-05-01       Albury    7.1   19.1    0.0      NA      NA
## 2986 2017-05-02       Albury    9.7   16.4    0.0      NA      NA
## 2987 2017-05-03       Albury    2.4   17.9    0.0      NA      NA
## 2988 2017-05-04       Albury    3.5   18.8    0.0      NA      NA
## 2989 2017-05-05       Albury    4.5   18.7    0.0      NA      NA
## 2990 2017-05-06       Albury    6.9   21.1    0.0      NA      NA
## 2991 2017-05-07       Albury    4.1   16.1    0.0      NA      NA
## 2992 2017-05-08       Albury    1.7   16.8    0.0      NA      NA
## 2993 2017-05-09       Albury    2.7   18.1    0.0      NA      NA
## 2994 2017-05-10       Albury    3.1   19.8    0.0      NA      NA
## 2995 2017-05-11       Albury    3.9   19.9    0.0      NA      NA
```

```
## 2996 2017-05-12        Albury    4.2   16.4    0.0      NA      NA
## 2997 2017-05-13        Albury    4.6   19.4    0.0      NA      NA
## 2998 2017-05-14        Albury    7.7   18.2    0.0      NA      NA
## 2999 2017-05-15        Albury    4.7   19.6    0.0      NA      NA
## 3000 2017-05-16        Albury    4.0   18.8    0.0      NA      NA
## 3001 2017-05-17        Albury    4.4   17.6    0.0      NA      NA
## 3002 2017-05-18        Albury    6.7   22.6    0.0      NA      NA
## 3003 2017-05-19        Albury    9.8   15.3    0.0      NA      NA
## 3004 2017-05-20        Albury   11.2   19.2   18.6      NA      NA
## 3005 2017-05-21        Albury    6.8   18.4    0.2      NA      NA
## 3006 2017-05-22        Albury    5.9   17.4    0.2      NA      NA
## 3007 2017-05-23        Albury    4.4   19.6    0.0      NA      NA
## 3008 2017-05-24        Albury    9.9   15.8    6.2      NA      NA
## 3009 2017-05-25        Albury    4.2   14.0    0.2      NA      NA
## 3010 2017-05-26        Albury    8.7   15.6    0.0      NA      NA
## 3011 2017-05-27        Albury    6.1   17.6    0.0      NA      NA
## 3012 2017-05-28        Albury    9.0   14.3    7.0      NA      NA
## 3013 2017-05-29        Albury    2.8   12.4    7.4      NA      NA
## 3014 2017-05-30        Albury    6.0    9.4    0.4      NA      NA
## 3015 2017-05-31        Albury   -0.4   13.3    5.2      NA      NA
## 3016 2017-06-01        Albury   -1.1   14.5    0.0      NA      NA
## 3017 2017-06-02        Albury   -0.8   14.1    0.2      NA      NA
## 3018 2017-06-03        Albury   -0.5   15.3    0.0      NA      NA
## 3019 2017-06-04        Albury   -0.9   14.5    0.0      NA      NA
## 3020 2017-06-05        Albury    1.2   12.5    0.2      NA      NA
## 3021 2017-06-06        Albury    3.6   14.5    4.2      NA      NA
## 3022 2017-06-07        Albury   -0.6   15.8    0.0      NA      NA
## 3023 2017-06-08        Albury    0.7   15.6    0.0      NA      NA
## 3024 2017-06-09        Albury    1.1   15.2    0.0      NA      NA
## 3025 2017-06-10        Albury    1.9   16.7    0.0      NA      NA
## 3026 2017-06-11        Albury    1.4   16.6    0.0      NA      NA
## 3027 2017-06-12        Albury    1.9   15.1    0.2      NA      NA
## 3028 2017-06-13        Albury    3.3   15.9    0.2      NA      NA
## 3029 2017-06-14        Albury    1.6   15.3    0.2      NA      NA
## 3030 2017-06-15        Albury    2.1   14.7    0.0      NA      NA
## 3031 2017-06-16        Albury    3.2   12.9    0.2      NA      NA
## 3032 2017-06-17        Albury    3.6   15.5    0.0      NA      NA
## 3033 2017-06-18        Albury    1.0   17.0    0.0      NA      NA
## 3034 2017-06-19        Albury   -0.2   14.7    0.0      NA      NA
## 3035 2017-06-20        Albury    1.2   14.9    0.2      NA      NA
## 3036 2017-06-21        Albury    1.2   15.2    0.4      NA      NA
## 3037 2017-06-22        Albury    0.8   13.4    0.0      NA      NA
## 3038 2017-06-23        Albury    1.1   11.9    0.0      NA      NA
## 3039 2017-06-24        Albury    1.1   14.1    0.2      NA      NA
## 3040 2017-06-25        Albury    3.9   10.9    0.0      NA      NA
## 3041 2009-01-01 BadgerysCreek   13.3   34.2    0.0      NA      NA
## 3042 2009-01-02 BadgerysCreek   14.7   26.1    0.0      NA      NA
## 3043 2009-01-03 BadgerysCreek   13.6   22.3    0.0      NA      NA
## 3044 2009-01-04 BadgerysCreek   17.7   31.2    0.0      NA      NA
## 3045 2009-01-05 BadgerysCreek   15.5   38.8    0.0      NA      NA
## 3046 2009-01-06 BadgerysCreek   14.0   39.3    0.0      NA      NA
## 3047 2009-01-07 BadgerysCreek   15.3   40.3    0.0      NA      NA
## 3048 2009-01-08 BadgerysCreek   18.9   22.3    0.0      NA      NA
## 3049 2009-01-09 BadgerysCreek   14.8   22.4    0.4      NA      NA
```

```
## 3050 2009-01-10 BadgerysCreek    11.9   26.0    0.2      NA   NA
## 3051 2009-01-11 BadgerysCreek    12.6   30.2    0.0      NA   NA
## 3052 2009-01-12 BadgerysCreek    15.3   29.4    4.0      NA   NA
## 3053 2009-01-13 BadgerysCreek    18.4   32.7    0.0      NA   NA
## 3054 2009-01-14 BadgerysCreek    15.9   39.9    0.0      NA   NA
## 3055 2009-01-15 BadgerysCreek    18.0   42.9    0.0      NA   NA
## 3056 2009-01-16 BadgerysCreek    14.6   34.5    0.4      NA   NA
## 3057 2009-01-17 BadgerysCreek    15.5   23.7    0.0      NA   NA
## 3058 2009-01-18 BadgerysCreek    10.3   28.7    0.0      NA   NA
## 3059 2009-01-19 BadgerysCreek    11.3   33.5    0.0      NA   NA
## 3060 2009-01-20 BadgerysCreek    14.6   39.2    0.0      NA   NA
## 3061 2009-01-21 BadgerysCreek    20.5   38.4    0.4      NA   NA
## 3062 2009-01-22 BadgerysCreek    19.6   33.7   19.4      NA   NA
## 3063 2009-01-23 BadgerysCreek    20.3   36.1    0.2      NA   NA
## 3064 2009-01-24 BadgerysCreek    20.8   40.7    0.0      NA   NA
## 3065 2009-01-25 BadgerysCreek    18.7   28.4    0.0      NA   NA
## 3066 2009-01-26 BadgerysCreek    19.7   31.0    0.0      NA   NA
## 3067 2009-01-27 BadgerysCreek    19.3   28.0    3.6      NA   NA
## 3068 2009-01-28 BadgerysCreek    16.3   35.7    0.0      NA   NA
## 3069 2009-01-29 BadgerysCreek    16.1   35.4    0.0      NA   NA
## 3070 2009-01-30 BadgerysCreek    17.4   34.6    0.0      NA   NA
## 3071 2009-01-31 BadgerysCreek    15.9   36.6    0.0      NA   NA
## 3072 2009-02-01 BadgerysCreek    18.3   31.3    0.0      NA   NA
## 3073 2009-02-02 BadgerysCreek    19.5   35.1    0.0      NA   NA
## 3074 2009-02-03 BadgerysCreek    19.5   33.4    0.0      NA   NA
## 3075 2009-02-04 BadgerysCreek    20.6   32.6    0.0      NA   NA
## 3076 2009-02-05 BadgerysCreek    18.9   39.7    0.0      NA   NA
## 3077 2009-02-06 BadgerysCreek    20.4   40.1    0.0      NA   NA
## 3078 2009-02-07 BadgerysCreek    19.2   42.0    0.8      NA   NA
## 3079 2009-02-08 BadgerysCreek    17.0   40.0    0.0      NA   NA
## 3080 2009-02-09 BadgerysCreek    20.6   23.3    0.0      NA   NA
## 3081 2009-02-10 BadgerysCreek    16.6   19.4    2.0      NA   NA
## 3082 2009-02-11 BadgerysCreek    15.5   22.1    4.6      NA   NA
## 3083 2009-02-12 BadgerysCreek    14.3   20.3    4.2      NA   NA
## 3084 2009-02-13 BadgerysCreek    14.3   21.1    1.0      NA   NA
## 3085 2009-02-14 BadgerysCreek    14.6   18.1   21.2      NA   NA
## 3086 2009-02-15 BadgerysCreek    15.0   21.9   36.0      NA   NA
## 3087 2009-02-16 BadgerysCreek    16.2   25.0   23.4      NA   NA
## 3088 2009-02-17 BadgerysCreek    15.8   22.3    0.8      NA   NA
## 3089 2009-02-18 BadgerysCreek    17.0   27.4    9.8      NA   NA
## 3090 2009-02-19 BadgerysCreek    16.6   31.2    0.0      NA   NA
## 3091 2009-02-20 BadgerysCreek    17.4   31.3    0.2      NA   NA
## 3092 2009-02-21 BadgerysCreek    20.2   26.7    1.0      NA   NA
## 3093 2009-02-22 BadgerysCreek    17.8   26.1    0.2      NA   NA
## 3094 2009-02-23 BadgerysCreek    17.4   30.3    0.0      NA   NA
## 3095 2009-02-24 BadgerysCreek    16.6   31.5    4.2      NA   NA
## 3096 2009-02-25 BadgerysCreek    19.5   28.5    0.2      NA   NA
## 3097 2009-02-26 BadgerysCreek    16.5   25.7    0.0      NA   NA
## 3098 2009-02-27 BadgerysCreek    12.9   25.8    0.0      NA   NA
## 3099 2009-02-28 BadgerysCreek    12.7   32.0    0.0      NA   NA
## 3100 2009-03-01 BadgerysCreek    17.6   28.4    0.0      NA   NA
## 3101 2009-03-02 BadgerysCreek    18.1   27.9    0.0      NA   NA
## 3102 2009-03-03 BadgerysCreek    16.2   27.6    0.0      NA   NA
## 3103 2009-03-04 BadgerysCreek    19.7   24.6    0.0      NA   NA
```

```
## 3104 2009-03-05 BadgerysCreek     9.4   25.8    0.0     NA     NA
## 3105 2009-03-06 BadgerysCreek     8.6   25.4    0.0     NA     NA
## 3106 2009-03-07 BadgerysCreek    13.1   28.8    0.0     NA     NA
## 3107 2009-03-08 BadgerysCreek    17.4   25.1    0.0     NA     NA
## 3108 2009-03-09 BadgerysCreek    16.0   24.1   12.4     NA     NA
## 3109 2009-03-10 BadgerysCreek    16.9   25.9    0.8     NA     NA
## 3110 2009-03-11 BadgerysCreek    14.4   22.9    0.2     NA     NA
## 3111 2009-03-12 BadgerysCreek    14.6   26.1    4.8     NA     NA
## 3112 2009-03-13 BadgerysCreek    16.4   27.2    0.0     NA     NA
## 3113 2009-03-14 BadgerysCreek    15.1   28.8    0.0     NA     NA
## 3114 2009-03-15 BadgerysCreek    15.1   30.4   24.6     NA     NA
## 3115 2009-03-16 BadgerysCreek    11.9   27.0    0.0     NA     NA
## 3116 2009-03-17 BadgerysCreek     9.4   25.8    0.0     NA     NA
## 3117 2009-03-18 BadgerysCreek    14.5   26.1    0.0     NA     NA
## 3118 2009-03-19 BadgerysCreek    11.8   30.0    0.0     NA     NA
## 3119 2009-03-20 BadgerysCreek    14.7   29.7    0.0     NA     NA
## 3120 2009-03-21 BadgerysCreek    14.7   26.5    0.0     NA     NA
## 3121 2009-03-22 BadgerysCreek    12.0   28.0    0.0     NA     NA
## 3122 2009-03-23 BadgerysCreek    13.7   29.3    0.0     NA     NA
## 3123 2009-03-24 BadgerysCreek    15.6   32.4    0.0     NA     NA
## 3124 2009-03-25 BadgerysCreek    15.0   33.1    0.0     NA     NA
## 3125 2009-03-26 BadgerysCreek    17.0   31.3   24.8     NA     NA
## 3126 2009-03-27 BadgerysCreek    18.4   23.4    3.8     NA     NA
## 3127 2009-03-28 BadgerysCreek    12.6   25.0    0.2     NA     NA
## 3128 2009-03-29 BadgerysCreek    11.3   26.4    0.0     NA     NA
## 3129 2009-03-30 BadgerysCreek    15.0   26.2    0.0     NA     NA
## 3130 2009-03-31 BadgerysCreek    17.6   21.4    3.2     NA     NA
## 3131 2009-04-01 BadgerysCreek    17.6   22.9   32.0     NA     NA
## 3132 2009-04-02 BadgerysCreek    18.6   24.9   15.4     NA     NA
## 3133 2009-04-03 BadgerysCreek    18.1   26.8    4.0     NA     NA
## 3134 2009-04-04 BadgerysCreek    17.2   20.2    1.8     NA     NA
## 3135 2009-04-05 BadgerysCreek    15.5   23.7    0.0     NA     NA
## 3136 2009-04-06 BadgerysCreek    11.7   21.3    0.2     NA     NA
## 3137 2009-04-07 BadgerysCreek    13.1   22.1    0.0     NA     NA
## 3138 2009-04-08 BadgerysCreek     9.3   23.4    0.0     NA     NA
## 3139 2009-04-09 BadgerysCreek    10.3   23.5    0.0     NA     NA
## 3140 2009-04-10 BadgerysCreek    10.7   24.8    0.0     NA     NA
## 3141 2009-04-11 BadgerysCreek    14.5   24.2    0.0     NA     NA
## 3142 2009-04-12 BadgerysCreek    16.5   24.0    0.8     NA     NA
## 3143 2009-04-13 BadgerysCreek    17.7   22.3    0.2     NA     NA
## 3144 2009-04-14 BadgerysCreek    14.9   27.3   13.0     NA     NA
## 3145 2009-04-15 BadgerysCreek    11.3   28.3    0.4     NA     NA
## 3146 2009-04-16 BadgerysCreek     8.9   23.9    0.0     NA     NA
## 3147 2009-04-17 BadgerysCreek     7.2   23.4    0.0     NA     NA
## 3148 2009-04-18 BadgerysCreek    11.7   23.2    0.0     NA     NA
## 3149 2009-04-19 BadgerysCreek    14.0   19.9    0.0     NA     NA
## 3150 2009-04-20 BadgerysCreek    13.0   18.6    3.2     NA     NA
## 3151 2009-04-21 BadgerysCreek    13.2   20.4    2.4     NA     NA
## 3152 2009-04-22 BadgerysCreek    13.7   21.9    8.4     NA     NA
## 3153 2009-04-23 BadgerysCreek    13.6   21.1    1.6     NA     NA
## 3154 2009-04-24 BadgerysCreek     7.9   22.6    0.2     NA     NA
## 3155 2009-04-25 BadgerysCreek    12.8   22.5    0.4     NA     NA
## 3156 2009-04-26 BadgerysCreek    12.7   18.9    0.0     NA     NA
## 3157 2009-04-27 BadgerysCreek     4.8   17.7    0.0     NA     NA
```

```
## 3158 2009-04-28 BadgerysCreek     4.8   21.1    0.0      NA      NA
## 3159 2009-04-29 BadgerysCreek     4.6   17.8    0.0      NA      NA
## 3160 2009-04-30 BadgerysCreek     6.7   19.0    0.0      NA      NA
## 3161 2009-05-01 BadgerysCreek     4.2   21.4    0.0      NA      NA
## 3162 2009-05-02 BadgerysCreek     4.8   22.1    0.0      NA      NA
## 3163 2009-05-03 BadgerysCreek     8.5   21.9    0.0      NA      NA
## 3164 2009-05-04 BadgerysCreek     6.3   23.3    0.0      NA      NA
## 3165 2009-05-05 BadgerysCreek     9.9   20.8    0.0      NA      NA
## 3166 2009-05-06 BadgerysCreek     7.1   22.2    0.0      NA      NA
## 3167 2009-05-07 BadgerysCreek     6.3   22.9    0.0      NA      NA
## 3168 2009-05-08 BadgerysCreek     8.5   20.8    0.0      NA      NA
## 3169 2009-05-09 BadgerysCreek     6.7   22.2    0.0      NA      NA
## 3170 2009-05-10 BadgerysCreek     9.4   19.1    0.0      NA      NA
## 3171 2009-05-11 BadgerysCreek     7.9   20.9    0.4      NA      NA
## 3172 2009-05-12 BadgerysCreek     3.7   20.7    0.4      NA      NA
## 3173 2009-05-13 BadgerysCreek     3.4   21.0    0.0      NA      NA
## 3174 2009-05-14 BadgerysCreek     2.6   20.3    0.0      NA      NA
## 3175 2009-05-15 BadgerysCreek     4.4   21.0    0.0      NA      NA
## 3176 2009-05-16 BadgerysCreek    12.2   22.0    0.0      NA      NA
## 3177 2009-05-17 BadgerysCreek     2.8   20.9    0.0      NA      NA
## 3178 2009-05-18 BadgerysCreek     5.7   20.9    0.0      NA      NA
## 3179 2009-05-19 BadgerysCreek    11.4   21.4    1.0      NA      NA
## 3180 2009-05-20 BadgerysCreek    12.9   19.2   17.2      NA      NA
## 3181 2009-05-21 BadgerysCreek    12.8   19.0   46.4      NA      NA
## 3182 2009-05-22 BadgerysCreek    13.7   18.6    5.0      NA      NA
## 3183 2009-05-23 BadgerysCreek    14.2   20.6   15.8      NA      NA
## 3184 2009-05-24 BadgerysCreek    12.6   21.1    1.6      NA      NA
## 3185 2009-05-25 BadgerysCreek     9.5   19.3    0.2      NA      NA
## 3186 2009-05-26 BadgerysCreek     7.6   21.8    0.0      NA      NA
## 3187 2009-05-27 BadgerysCreek    10.1   15.6    0.0      NA      NA
## 3188 2009-05-28 BadgerysCreek     9.0   17.9   14.2      NA      NA
## 3189 2009-05-29 BadgerysCreek     8.3   17.4    0.0      NA      NA
## 3190 2009-05-30 BadgerysCreek     8.0   17.8    0.0      NA      NA
## 3191 2009-05-31 BadgerysCreek     9.8   19.0   11.4      NA      NA
## 3192 2009-06-01 BadgerysCreek    10.1   16.3    0.4      NA      NA
## 3193 2009-06-02 BadgerysCreek    10.5   18.7    0.0      NA      NA
## 3194 2009-06-03 BadgerysCreek    12.3   19.0    8.6      NA      NA
## 3195 2009-06-04 BadgerysCreek     8.5   17.6    0.2      NA      NA
## 3196 2009-06-05 BadgerysCreek    10.2   19.5    0.0      NA      NA
## 3197 2009-06-06 BadgerysCreek     3.4   18.8    0.2      NA      NA
## 3198 2009-06-07 BadgerysCreek     7.0   19.0    1.2      NA      NA
## 3199 2009-06-08 BadgerysCreek     4.1   18.8    0.0      NA      NA
## 3200 2009-06-09 BadgerysCreek     4.3   16.8    0.0      NA      NA
## 3201 2009-06-10 BadgerysCreek     7.4   13.4    0.0      NA      NA
## 3202 2009-06-11 BadgerysCreek     0.0   15.3    0.0      NA      NA
## 3203 2009-06-12 BadgerysCreek      NA   16.9     NA      NA      NA
## 3204 2009-06-13 BadgerysCreek     1.9   17.0    0.0      NA      NA
## 3205 2009-06-14 BadgerysCreek     4.2   13.3    0.0      NA      NA
## 3206 2009-06-15 BadgerysCreek     2.1   19.5    0.2      NA      NA
## 3207 2009-06-16 BadgerysCreek     3.8   17.4    0.0      NA      NA
## 3208 2009-06-17 BadgerysCreek     8.8   16.6    0.0      NA      NA
## 3209 2009-06-18 BadgerysCreek     7.3   16.4    0.6      NA      NA
## 3210 2009-06-19 BadgerysCreek     8.0   18.5    2.8      NA      NA
## 3211 2009-06-20 BadgerysCreek     7.8   16.4    1.4      NA      NA
```

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## 3212 2009-06-21 BadgerysCreek   10.0   16.6   1.4     NA     NA
## 3213 2009-06-22 BadgerysCreek     NA   19.3    NA     NA     NA
## 3214 2009-06-23 BadgerysCreek    4.5   19.8   0.0     NA     NA
## 3215 2009-06-24 BadgerysCreek    1.6   17.1   0.2     NA     NA
## 3216 2009-06-25 BadgerysCreek    2.6   16.0   0.6     NA     NA
## 3217 2009-06-26 BadgerysCreek    4.0   18.3   0.0     NA     NA
## 3218 2009-06-27 BadgerysCreek    5.8   15.8   0.2     NA     NA
## 3219 2009-06-28 BadgerysCreek    8.1   18.9   0.0     NA     NA
## 3220 2009-06-29 BadgerysCreek    3.7   20.6   0.0     NA     NA
## 3221 2009-06-30 BadgerysCreek    7.6   18.1   0.0     NA     NA
## 3222 2009-07-01 BadgerysCreek    8.4   20.4   0.0     NA     NA
## 3223 2009-07-02 BadgerysCreek    5.0   18.2   0.0     NA     NA
## 3224 2009-07-03 BadgerysCreek    7.5   15.3   0.0     NA     NA
## 3225 2009-07-04 BadgerysCreek    4.1   16.5   0.0     NA     NA
## 3226 2009-07-05 BadgerysCreek    5.9   16.7   0.0     NA     NA
## 3227 2009-07-06 BadgerysCreek    0.0   15.9   0.0     NA     NA
## 3228 2009-07-07 BadgerysCreek    3.3   14.5   0.0     NA     NA
## 3229 2009-07-08 BadgerysCreek    5.5   15.6   1.2     NA     NA
## 3230 2009-07-09 BadgerysCreek    6.0   17.0   5.6     NA     NA
## 3231 2009-07-10 BadgerysCreek    7.1   18.0   1.8     NA     NA
## 3232 2009-07-11 BadgerysCreek    5.4   16.1   0.0     NA     NA
## 3233 2009-07-12 BadgerysCreek    6.1   18.3   0.2     NA     NA
## 3234 2009-07-13 BadgerysCreek    7.9   17.8   0.0     NA     NA
## 3235 2009-07-14 BadgerysCreek    4.6   16.0   0.0     NA     NA
## 3236 2009-07-15 BadgerysCreek   -0.3   16.3   0.0     NA     NA
## 3237 2009-07-16 BadgerysCreek    4.2   16.5   0.2     NA     NA
## 3238 2009-07-17 BadgerysCreek    7.7   16.3   4.0     NA     NA
## 3239 2009-07-18 BadgerysCreek    1.1   17.9   0.0     NA     NA
## 3240 2009-07-19 BadgerysCreek   -0.3   19.5   0.0     NA     NA
## 3241 2009-07-20 BadgerysCreek    0.4   19.8   0.2     NA     NA
## 3242 2009-07-21 BadgerysCreek    0.9   22.6   0.0     NA     NA
## 3243 2009-07-22 BadgerysCreek    5.3   25.4   0.0     NA     NA
## 3244 2009-07-23 BadgerysCreek    7.6   17.0   1.6     NA     NA
## 3245 2009-07-24 BadgerysCreek    4.0   17.0   0.0     NA     NA
## 3246 2009-07-25 BadgerysCreek   -1.3   17.9   0.2     NA     NA
## 3247 2009-07-26 BadgerysCreek    2.8   12.3   0.0     NA     NA
## 3248 2009-07-27 BadgerysCreek    2.8   18.4   5.2     NA     NA
## 3249 2009-07-28 BadgerysCreek    0.9   18.1   0.0     NA     NA
## 3250 2009-07-29 BadgerysCreek    0.4   18.8   0.0     NA     NA
## 3251 2009-07-30 BadgerysCreek    1.2   19.3   0.0     NA     NA
## 3252 2009-07-31 BadgerysCreek    2.2   19.3   0.0     NA     NA
## 3253 2009-08-01 BadgerysCreek    1.8   19.0   0.0     NA     NA
## 3254 2009-08-02 BadgerysCreek    0.0   19.1   0.0     NA     NA
## 3255 2009-08-03 BadgerysCreek    1.4   20.1   0.0     NA     NA
## 3256 2009-08-04 BadgerysCreek    5.9   18.6   0.0     NA     NA
## 3257 2009-08-05 BadgerysCreek    0.5   19.5   0.0     NA     NA
## 3258 2009-08-06 BadgerysCreek    1.7   19.7   0.0     NA     NA
## 3259 2009-08-07 BadgerysCreek    1.7   23.4   0.0     NA     NA
## 3260 2009-08-08 BadgerysCreek    1.6   17.3   0.0     NA     NA
## 3261 2009-08-09 BadgerysCreek   -0.9   18.1   0.0     NA     NA
## 3262 2009-08-10 BadgerysCreek   -0.1   17.2   0.0     NA     NA
## 3263 2009-08-11 BadgerysCreek    4.5   17.7   0.0     NA     NA
## 3264 2009-08-12 BadgerysCreek    2.3   19.9   3.0     NA     NA
## 3265 2009-08-13 BadgerysCreek    1.3   20.3   0.0     NA     NA
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## 3266 2009-08-14 BadgerysCreek    3.9   21.7    0.0       NA      NA
## 3267 2009-08-15 BadgerysCreek    1.4   22.4    0.0       NA      NA
## 3268 2009-08-16 BadgerysCreek    0.0   25.8    0.2       NA      NA
## 3269 2009-08-17 BadgerysCreek   10.1   21.7    0.0       NA      NA
## 3270 2009-08-18 BadgerysCreek    3.7   19.3    0.0       NA      NA
## 3271 2009-08-19 BadgerysCreek    0.9   20.0    0.0       NA      NA
## 3272 2009-08-20 BadgerysCreek    3.8   21.9    0.0       NA      NA
## 3273 2009-08-21 BadgerysCreek    3.3   27.1    0.0       NA      NA
## 3274 2009-08-22 BadgerysCreek    8.4   20.2    0.0       NA      NA
## 3275 2009-08-23 BadgerysCreek    5.2   25.1    0.0       NA      NA
## 3276 2009-08-24 BadgerysCreek   10.1   23.5    0.0       NA      NA
## 3277 2009-08-25 BadgerysCreek   10.1   19.1    0.4       NA      NA
## 3278 2009-08-26 BadgerysCreek   10.2   20.8    0.0       NA      NA
## 3279 2009-08-27 BadgerysCreek    3.5   24.1    0.0       NA      NA
## 3280 2009-08-28 BadgerysCreek    1.2   24.4    0.0       NA      NA
## 3281 2009-08-29 BadgerysCreek   10.2   26.8    0.0       NA      NA
## 3282 2009-08-30 BadgerysCreek   11.8   18.5    0.2       NA      NA
## 3283 2009-08-31 BadgerysCreek    4.0   20.5    0.0       NA      NA
## 3284 2009-09-01 BadgerysCreek    3.7   22.0    0.0       NA      NA
## 3285 2009-09-02 BadgerysCreek    3.8   20.9    0.0       NA      NA
## 3286 2009-09-03 BadgerysCreek    6.2   17.4    0.0       NA      NA
## 3287 2009-09-04 BadgerysCreek    9.5   24.9    7.6       NA      NA
## 3288 2009-09-05 BadgerysCreek    9.8   21.4    0.0       NA      NA
## 3289 2009-09-06 BadgerysCreek    3.5   21.2    0.0       NA      NA
## 3290 2009-09-07 BadgerysCreek    7.6   21.3    0.0       NA      NA
## 3291 2009-09-08 BadgerysCreek    5.6   20.1    5.0       NA      NA
## 3292 2009-09-09 BadgerysCreek    4.1   20.5    0.2       NA      NA
## 3293 2009-09-10 BadgerysCreek    2.6   22.3    0.0       NA      NA
## 3294 2009-09-11 BadgerysCreek    2.5   23.2    0.0       NA      NA
## 3295 2009-09-12 BadgerysCreek    2.7   29.4    0.0       NA      NA
## 3296 2009-09-13 BadgerysCreek    4.4   30.6    0.0       NA      NA
## 3297 2009-09-14 BadgerysCreek    9.6   21.0    0.0       NA      NA
## 3298 2009-09-15 BadgerysCreek   13.1   23.3    0.0       NA      NA
## 3299 2009-09-16 BadgerysCreek   10.0   21.5    0.0       NA      NA
## 3300 2009-09-17 BadgerysCreek   12.4   32.7    0.0       NA      NA
## 3301 2009-09-18 BadgerysCreek   12.6   24.7    0.2       NA      NA
## 3302 2009-09-19 BadgerysCreek    9.2   25.0    0.0       NA      NA
## 3303 2009-09-20 BadgerysCreek    7.2   28.7    0.0       NA      NA
## 3304 2009-09-21 BadgerysCreek    9.3   24.3    1.0       NA      NA
## 3305 2009-09-22 BadgerysCreek   11.2   31.1    0.2       NA      NA
## 3306 2009-09-23 BadgerysCreek   15.1   21.1   12.6       NA      NA
## 3307 2009-09-24 BadgerysCreek   12.7   23.1    0.2       NA      NA
## 3308 2009-09-25 BadgerysCreek    4.3   26.5    0.0       NA      NA
## 3309 2009-09-26 BadgerysCreek   14.1   18.8    0.0       NA      NA
## 3310 2009-09-27 BadgerysCreek    7.1   16.8    0.0       NA      NA
## 3311 2009-09-28 BadgerysCreek    5.1   20.9    0.0       NA      NA
## 3312 2009-09-29 BadgerysCreek    4.3   23.2    0.0       NA      NA
## 3313 2009-09-30 BadgerysCreek    4.7   27.6    0.0       NA      NA
## 3314 2009-10-01 BadgerysCreek    6.5   32.3    0.0       NA      NA
## 3315 2009-10-02 BadgerysCreek   10.7   20.8    0.0       NA      NA
## 3316 2009-10-03 BadgerysCreek   13.3   15.4    4.2       NA      NA
## 3317 2009-10-04 BadgerysCreek   10.5   17.1    7.0       NA      NA
## 3318 2009-10-05 BadgerysCreek     NA   21.0     NA       NA      NA
## 3319 2009-10-06 BadgerysCreek    8.0   21.0   13.6       NA      NA
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```
## 3320 2009-10-07 BadgerysCreek    4.5   19.2    0.2    NA    NA
## 3321 2009-10-08 BadgerysCreek    9.6   19.5    0.4    NA    NA
## 3322 2009-10-09 BadgerysCreek    6.8   17.7    0.0    NA    NA
## 3323 2009-10-10 BadgerysCreek    7.0   19.0    0.8    NA    NA
## 3324 2009-10-11 BadgerysCreek    9.3   19.5    0.2    NA    NA
## 3325 2009-10-12 BadgerysCreek    5.8   22.6    0.0    NA    NA
## 3326 2009-10-13 BadgerysCreek   13.0   24.0    0.0    NA    NA
## 3327 2009-10-14 BadgerysCreek   11.9   21.7    0.0    NA    NA
## 3328 2009-10-15 BadgerysCreek    7.6   22.2    1.8    NA    NA
## 3329 2009-10-16 BadgerysCreek    5.0   21.4    0.0    NA    NA
## 3330 2009-10-17 BadgerysCreek    5.7   23.0    0.0    NA    NA
## 3331 2009-10-18 BadgerysCreek    8.9   22.8    0.0    NA    NA
## 3332 2009-10-19 BadgerysCreek    7.1   24.6    0.0    NA    NA
## 3333 2009-10-20 BadgerysCreek    8.5   31.4    0.0    NA    NA
## 3334 2009-10-21 BadgerysCreek    9.2   34.7    0.0    NA    NA
## 3335 2009-10-22 BadgerysCreek   16.0   24.0    0.0    NA    NA
## 3336 2009-10-23 BadgerysCreek   15.4   32.4    0.0    NA    NA
## 3337 2009-10-24 BadgerysCreek   13.3   25.9    0.0    NA    NA
## 3338 2009-10-25 BadgerysCreek   14.9   19.5    0.0    NA    NA
## 3339 2009-10-26 BadgerysCreek   12.3   16.7   14.6    NA    NA
## 3340 2009-10-27 BadgerysCreek     NA   17.3     NA    NA    NA
## 3341 2009-10-28 BadgerysCreek     NA   26.1     NA    NA    NA
## 3342 2009-10-29 BadgerysCreek   15.6   23.8    0.2    NA    NA
## 3343 2009-10-30 BadgerysCreek   13.7   28.1    0.0    NA    NA
## 3344 2009-10-31 BadgerysCreek   15.6   26.2    0.0    NA    NA
## 3345 2009-11-01 BadgerysCreek   11.7   30.5    0.0    NA    NA
## 3346 2009-11-02 BadgerysCreek   14.8   29.9    0.0    NA    NA
## 3347 2009-11-03 BadgerysCreek   17.1   38.7    0.0    NA    NA
## 3348 2009-11-04 BadgerysCreek   17.5   20.3    0.0    NA    NA
## 3349 2009-11-05 BadgerysCreek   14.4   21.8    0.2    NA    NA
## 3350 2009-11-06 BadgerysCreek   14.5   21.2    3.0    NA    NA
## 3351 2009-11-07 BadgerysCreek   15.6   25.6    2.4    NA    NA
## 3352 2009-11-08 BadgerysCreek   13.3   21.8    0.2    NA    NA
## 3353 2009-11-09 BadgerysCreek   16.1   28.7    0.8    NA    NA
## 3354 2009-11-10 BadgerysCreek   11.3   30.3    0.0    NA    NA
## 3355 2009-11-11 BadgerysCreek   11.4   28.2    0.0    NA    NA
## 3356 2009-11-12 BadgerysCreek   11.5   37.0    0.0    NA    NA
## 3357 2009-11-13 BadgerysCreek   17.6   22.3    0.0    NA    NA
## 3358 2009-11-14 BadgerysCreek    9.7   32.4    0.0    NA    NA
## 3359 2009-11-15 BadgerysCreek   13.2   29.0    0.0    NA    NA
## 3360 2009-11-16 BadgerysCreek   17.8   37.3    0.0    NA    NA
## 3361 2009-11-17 BadgerysCreek   18.3   23.9    0.0    NA    NA
## 3362 2009-11-18 BadgerysCreek   15.4   30.1    0.0    NA    NA
## 3363 2009-11-19 BadgerysCreek   14.4   36.7    0.0    NA    NA
## 3364 2009-11-20 BadgerysCreek   17.5   41.9    0.0    NA    NA
## 3365 2009-11-21 BadgerysCreek   21.8   35.3    0.4    NA    NA
## 3366 2009-11-22 BadgerysCreek   17.9   41.6    0.0    NA    NA
## 3367 2009-11-23 BadgerysCreek   17.6   20.8    1.6    NA    NA
## 3368 2009-11-24 BadgerysCreek   14.7   22.7    5.8    NA    NA
## 3369 2009-11-25 BadgerysCreek   16.2   31.9    0.0    NA    NA
## 3370 2009-11-26 BadgerysCreek   17.1   33.3    0.0    NA    NA
## 3371 2009-11-27 BadgerysCreek   17.9   34.5    2.8    NA    NA
## 3372 2009-11-28 BadgerysCreek   15.6   39.8    0.0    NA    NA
## 3373 2009-11-29 BadgerysCreek   16.2   31.2    0.0    NA    NA
```

```
## 3374 2009-11-30 BadgerysCreek   13.2   23.0    0.0    NA   NA
## 3375 2009-12-01 BadgerysCreek   12.9   23.4    4.6    NA   NA
## 3376 2009-12-02 BadgerysCreek   12.9   23.6    0.6    NA   NA
## 3377 2009-12-03 BadgerysCreek   10.1   30.5    0.2    NA   NA
## 3378 2009-12-04 BadgerysCreek   12.9   27.3    0.0    NA   NA
## 3379 2009-12-05 BadgerysCreek   14.1   30.7    0.0    NA   NA
## 3380 2009-12-06 BadgerysCreek   14.9   30.2    0.0    NA   NA
## 3381 2009-12-07 BadgerysCreek   17.2   39.4    0.0    NA   NA
## 3382 2009-12-08 BadgerysCreek   16.5   36.3    0.0    NA   NA
## 3383 2009-12-09 BadgerysCreek   16.5   26.1    0.6    NA   NA
## 3384 2009-12-10 BadgerysCreek   19.2   32.5    0.0    NA   NA
## 3385 2009-12-11 BadgerysCreek   17.0   29.9    0.0    NA   NA
## 3386 2009-12-12 BadgerysCreek     NA   32.6     NA    NA   NA
## 3387 2009-12-13 BadgerysCreek   15.3   30.8    0.0    NA   NA
## 3388 2009-12-14 BadgerysCreek   17.9   21.8    0.0    NA   NA
## 3389 2009-12-15 BadgerysCreek   15.5   27.4    0.0    NA   NA
## 3390 2009-12-16 BadgerysCreek   20.8   34.8    0.2    NA   NA
## 3391 2009-12-17 BadgerysCreek   17.7   42.5    0.0    NA   NA
## 3392 2009-12-18 BadgerysCreek   18.8   21.0    4.2    NA   NA
## 3393 2009-12-19 BadgerysCreek   15.0   31.6    4.2    NA   NA
## 3394 2009-12-20 BadgerysCreek   17.4   23.1    0.2    NA   NA
## 3395 2009-12-21 BadgerysCreek   16.6   30.4    0.0    NA   NA
## 3396 2009-12-22 BadgerysCreek   16.1   36.8    0.2    NA   NA
## 3397 2009-12-23 BadgerysCreek   16.1   37.3    0.2    NA   NA
## 3398 2009-12-24 BadgerysCreek   17.4   38.4    0.0    NA   NA
## 3399 2009-12-25 BadgerysCreek   19.4   28.7    0.0    NA   NA
## 3400 2009-12-26 BadgerysCreek   16.3   20.4   10.4    NA   NA
## 3401 2009-12-27 BadgerysCreek   17.0   22.8    1.0    NA   NA
## 3402 2009-12-28 BadgerysCreek   19.0   26.2   23.4    NA   NA
## 3403 2009-12-29 BadgerysCreek   17.2   28.1    1.6    NA   NA
## 3404 2009-12-30 BadgerysCreek   15.4   27.2    0.0    NA   NA
## 3405 2009-12-31 BadgerysCreek   17.2   28.2    0.0    NA   NA
## 3406 2010-01-01 BadgerysCreek   19.6   29.1    0.0    NA   NA
## 3407 2010-01-02 BadgerysCreek   20.3   30.3    0.0    NA   NA
## 3408 2010-01-03 BadgerysCreek   17.8   20.1    7.2    NA   NA
## 3409 2010-01-04 BadgerysCreek   16.5   24.0    0.8    NA   NA
## 3410 2010-01-05 BadgerysCreek   15.4   34.0    0.0    NA   NA
## 3411 2010-01-06 BadgerysCreek   20.0   31.0    0.0    NA   NA
## 3412 2010-01-07 BadgerysCreek   19.4   24.1    0.0    NA   NA
## 3413 2010-01-08 BadgerysCreek   17.9   29.8     NA    NA   NA
## 3414 2010-01-09 BadgerysCreek     NA   38.6     NA    NA   NA
## 3415 2010-01-10 BadgerysCreek   19.9   35.5    0.0    NA   NA
## 3416 2010-01-11 BadgerysCreek   19.3   30.7    0.0    NA   NA
## 3417 2010-01-12 BadgerysCreek   20.8   40.1    0.0    NA   NA
## 3418 2010-01-13 BadgerysCreek   21.6   33.2    0.0    NA   NA
## 3419 2010-01-14 BadgerysCreek   17.9   23.9   15.4    NA   NA
## 3420 2010-01-15 BadgerysCreek   18.7   27.2    0.0    NA   NA
## 3421 2010-01-16 BadgerysCreek   20.5   29.5    0.0    NA   NA
## 3422 2010-01-17 BadgerysCreek   16.2   29.4    6.4    NA   NA
## 3423 2010-01-18 BadgerysCreek   12.0   25.0    0.2    NA   NA
## 3424 2010-01-19 BadgerysCreek   10.0   29.0    0.0    NA   NA
## 3425 2010-01-20 BadgerysCreek   11.7   36.8    0.0    NA   NA
## 3426 2010-01-21 BadgerysCreek   15.8   39.7    0.0    NA   NA
## 3427 2010-01-22 BadgerysCreek   17.1   40.6    0.0    NA   NA
```

```
## 3428 2010-01-23 BadgerysCreek    18.9    43.0     0.4      NA      NA
## 3429 2010-01-24 BadgerysCreek    17.0    25.3     1.4      NA      NA
## 3430 2010-01-25 BadgerysCreek    17.1    30.8      NA      NA      NA
## 3431 2010-01-26 BadgerysCreek    21.1    37.3     0.0      NA      NA
## 3432 2010-01-27 BadgerysCreek    22.8    29.6     0.0      NA      NA
## 3433 2010-01-28 BadgerysCreek    19.5    29.7     3.0      NA      NA
## 3434 2010-01-29 BadgerysCreek    16.6    30.9     5.6      NA      NA
## 3435 2010-01-30 BadgerysCreek    19.6    28.2      NA      NA      NA
## 3436 2010-01-31 BadgerysCreek    19.0    29.8     0.4      NA      NA
## 3437 2010-02-01 BadgerysCreek    17.5    31.6     0.6      NA      NA
## 3438 2010-02-02 BadgerysCreek    19.0    27.7     1.4      NA      NA
## 3439 2010-02-03 BadgerysCreek    20.0    28.0    19.8      NA      NA
## 3440 2010-02-04 BadgerysCreek    21.3    27.5      NA      NA      NA
## 3441 2010-02-05 BadgerysCreek    22.0    29.1    13.8      NA      NA
## 3442 2010-02-06 BadgerysCreek    19.5    25.2    21.8      NA      NA
## 3443 2010-02-07 BadgerysCreek    19.0    26.7    25.6      NA      NA
## 3444 2010-02-08 BadgerysCreek    20.7    26.8     7.0      NA      NA
## 3445 2010-02-09 BadgerysCreek    20.0    29.9     1.2      NA      NA
## 3446 2010-02-10 BadgerysCreek    17.9    32.4     0.2      NA      NA
## 3447 2010-02-11 BadgerysCreek    19.3    33.1     0.0      NA      NA
## 3448 2010-02-12 BadgerysCreek    19.6    36.6      NA      NA      NA
## 3449 2010-02-13 BadgerysCreek    20.9    25.0      NA      NA      NA
## 3450 2010-02-14 BadgerysCreek    21.3    26.7    20.8      NA      NA
## 3451 2010-02-15 BadgerysCreek    19.9    32.7     3.6      NA      NA
## 3452 2010-02-16 BadgerysCreek    18.3    25.9     0.2      NA      NA
## 3453 2010-02-17 BadgerysCreek    15.2    27.1     0.0      NA      NA
## 3454 2010-02-18 BadgerysCreek    15.5    25.3      NA      NA      NA
## 3455 2010-02-19 BadgerysCreek    15.0    25.7     0.0      NA      NA
## 3456 2010-02-20 BadgerysCreek    15.1    29.7     0.0      NA      NA
## 3457 2010-02-21 BadgerysCreek    16.2    33.7     0.0      NA      NA
## 3458 2010-02-22 BadgerysCreek    18.3    35.8     0.0      NA      NA
## 3459 2010-02-23 BadgerysCreek    20.5    29.7      NA      NA      NA
## 3460 2010-02-24 BadgerysCreek    18.3    24.9     0.0      NA      NA
## 3461 2010-02-25 BadgerysCreek    14.6    25.3     0.0      NA      NA
## 3462 2010-02-26 BadgerysCreek    13.2    25.8     0.0      NA      NA
## 3463 2010-02-27 BadgerysCreek    13.8    31.6     0.0      NA      NA
## 3464 2010-02-28 BadgerysCreek    17.4    28.9      NA      NA      NA
## 3465 2010-03-01 BadgerysCreek    16.8    19.5    12.8      NA      NA
## 3466 2010-03-02 BadgerysCreek    14.2    21.4     1.8      NA      NA
## 3467 2010-03-03 BadgerysCreek    13.0    24.5     0.0      NA      NA
## 3468 2010-03-04 BadgerysCreek    14.1    25.7     0.0      NA      NA
## 3469 2010-03-05 BadgerysCreek    17.5    24.1     0.0      NA      NA
## 3470 2010-03-06 BadgerysCreek    19.6    30.3    11.2      NA      NA
## 3471 2010-03-07 BadgerysCreek    20.5    28.0     0.0      NA      NA
## 3472 2010-03-08 BadgerysCreek    19.8    30.8     0.0      NA      NA
## 3473 2010-03-09 BadgerysCreek    14.9    28.7      NA      NA      NA
## 3474 2010-03-10 BadgerysCreek    14.1    21.0      NA      NA      NA
## 3475 2010-03-11 BadgerysCreek    14.0    23.6     0.0      NA      NA
## 3476 2010-03-12 BadgerysCreek    14.5    24.3     0.0      NA      NA
## 3477 2010-03-13 BadgerysCreek    13.2    23.1     0.0      NA      NA
## 3478 2010-03-14 BadgerysCreek    15.0    25.6     1.6      NA      NA
## 3479 2010-03-15 BadgerysCreek    14.8    27.3     0.0      NA      NA
## 3480 2010-03-16 BadgerysCreek    12.6    28.2     0.0      NA      NA
## 3481 2010-03-17 BadgerysCreek    10.0    28.8     0.0      NA      NA
```

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## 3482 2010-03-18 BadgerysCreek    10.7   29.5    0.0    NA    NA
## 3483 2010-03-19 BadgerysCreek    12.2   33.0    0.0    NA    NA
## 3484 2010-03-20 BadgerysCreek    14.2   33.6     NA    NA    NA
## 3485 2010-03-21 BadgerysCreek    15.7   35.1    0.0    NA    NA
## 3486 2010-03-22 BadgerysCreek    17.9   26.7    0.0    NA    NA
## 3487 2010-03-23 BadgerysCreek    14.3   30.7    0.0    NA    NA
## 3488 2010-03-24 BadgerysCreek    14.2   26.9    0.0    NA    NA
## 3489 2010-03-25 BadgerysCreek    16.2   29.0    0.0    NA    NA
## 3490 2010-03-26 BadgerysCreek    15.0   35.1    0.0    NA    NA
## 3491 2010-03-27 BadgerysCreek    19.1   29.7    0.0    NA    NA
## 3492 2010-03-28 BadgerysCreek    17.2   31.8    0.0    NA    NA
## 3493 2010-03-29 BadgerysCreek    19.1   24.3    0.8    NA    NA
## 3494 2010-03-30 BadgerysCreek     NA    21.3    7.0    NA    NA
## 3495 2010-03-31 BadgerysCreek    16.6   22.6   21.0    NA    NA
## 3496 2010-04-01 BadgerysCreek    14.1   27.1    0.0    NA    NA
## 3497 2010-04-02 BadgerysCreek    13.0   24.8    0.2    NA    NA
## 3498 2010-04-03 BadgerysCreek    12.4   24.2    0.0    NA    NA
## 3499 2010-04-04 BadgerysCreek    11.9   22.7    0.4    NA    NA
## 3500 2010-04-05 BadgerysCreek    12.6   21.8    0.2    NA    NA
## 3501 2010-04-06 BadgerysCreek    14.1   23.8    0.0    NA    NA
## 3502 2010-04-07 BadgerysCreek    17.0   24.4    9.8    NA    NA
## 3503 2010-04-08 BadgerysCreek    17.5   27.3    1.6    NA    NA
## 3504 2010-04-09 BadgerysCreek    11.9   25.2    0.0    NA    NA
## 3505 2010-04-10 BadgerysCreek    12.8   26.7    0.0    NA    NA
## 3506 2010-04-11 BadgerysCreek    14.2   27.8    0.0    NA    NA
## 3507 2010-04-12 BadgerysCreek    10.2   23.6    0.0    NA    NA
## 3508 2010-04-13 BadgerysCreek     6.1   23.0    0.0    NA    NA
## 3509 2010-04-14 BadgerysCreek     6.1   25.1    0.0    NA    NA
## 3510 2010-04-15 BadgerysCreek     9.9   25.4    0.0    NA    NA
## 3511 2010-04-16 BadgerysCreek    12.6   23.6    0.0    NA    NA
## 3512 2010-04-17 BadgerysCreek    12.5   26.4    0.0    NA    NA
## 3513 2010-04-18 BadgerysCreek    12.5   26.1    0.0    NA    NA
## 3514 2010-04-19 BadgerysCreek    14.1   26.0    0.0    NA    NA
## 3515 2010-04-20 BadgerysCreek    13.0   26.6    0.0    NA    NA
## 3516 2010-04-21 BadgerysCreek    11.2   27.5    0.2    NA    NA
## 3517 2010-04-22 BadgerysCreek    11.1   29.7    0.0    NA    NA
## 3518 2010-04-23 BadgerysCreek    11.3   30.4    0.2    NA    NA
## 3519 2010-04-24 BadgerysCreek    13.9   27.7     NA    NA    NA
## 3520 2010-04-25 BadgerysCreek    15.7   23.7    2.0    NA    NA
## 3521 2010-04-26 BadgerysCreek     7.1   23.0    0.0    NA    NA
## 3522 2010-04-27 BadgerysCreek     4.2   18.4    0.0    NA    NA
## 3523 2010-04-28 BadgerysCreek     4.5   24.8    0.0    NA    NA
## 3524 2010-04-29 BadgerysCreek     5.7   24.7    0.0    NA    NA
## 3525 2010-04-30 BadgerysCreek     6.5    NA     0.0    NA    NA
## 3526 2010-05-01 BadgerysCreek     NA     NA      NA    NA    NA
## 3527 2010-05-02 BadgerysCreek     NA     NA      NA    NA    NA
## 3528 2010-05-03 BadgerysCreek     NA    24.0     NA    NA    NA
## 3529 2010-05-04 BadgerysCreek    11.4   25.5    0.0    NA    NA
## 3530 2010-05-05 BadgerysCreek     8.2   19.5    0.4    NA    NA
## 3531 2010-05-06 BadgerysCreek     3.4   20.7     NA    NA    NA
## 3532 2010-05-07 BadgerysCreek     4.4   22.9     NA    NA    NA
## 3533 2010-05-08 BadgerysCreek     4.0   24.1    0.0    NA    NA
## 3534 2010-05-09 BadgerysCreek     5.7   24.6     NA    NA    NA
## 3535 2010-05-10 BadgerysCreek     7.0   24.6    0.0    NA    NA
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## 3536 2010-05-11 BadgerysCreek     3.7   25.5    0.0      NA      NA
## 3537 2010-05-12 BadgerysCreek     6.1   19.2    0.0      NA      NA
## 3538 2010-05-13 BadgerysCreek     2.0   21.6    0.0      NA      NA
## 3539 2010-05-14 BadgerysCreek     4.0   20.3    0.0      NA      NA
## 3540 2010-05-15 BadgerysCreek     5.7   22.1    0.0      NA      NA
## 3541 2010-05-16 BadgerysCreek     4.2   22.4     NA      NA      NA
## 3542 2010-05-17 BadgerysCreek     8.8   17.3    0.0      NA      NA
## 3543 2010-05-18 BadgerysCreek    10.6   18.1    0.0      NA      NA
## 3544 2010-05-19 BadgerysCreek     9.1   20.8     NA      NA      NA
## 3545 2010-05-20 BadgerysCreek     3.9   20.1    0.4      NA      NA
## 3546 2010-05-21 BadgerysCreek     7.6   20.9    0.0      NA      NA
## 3547 2010-05-22 BadgerysCreek     8.8   19.4    0.2      NA      NA
## 3548 2010-05-23 BadgerysCreek     5.8   18.6    0.0      NA      NA
## 3549 2010-05-24 BadgerysCreek     5.4   19.9    0.0      NA      NA
## 3550 2010-05-25 BadgerysCreek    11.2     NA    3.6      NA      NA
## 3551 2010-05-26 BadgerysCreek    10.3   14.9     NA      NA      NA
## 3552 2010-05-27 BadgerysCreek    11.4   18.6   42.0      NA      NA
## 3553 2010-05-28 BadgerysCreek     9.8   20.4    1.0      NA      NA
## 3554 2010-05-29 BadgerysCreek    11.9   16.4     NA      NA      NA
## 3555 2010-05-30 BadgerysCreek     8.3   19.7    6.2      NA      NA
## 3556 2010-05-31 BadgerysCreek    10.7   17.8    7.6      NA      NA
## 3557 2010-06-01 BadgerysCreek    10.7   18.8    5.0      NA      NA
## 3558 2010-06-02 BadgerysCreek     7.5   19.9    0.0      NA      NA
## 3559 2010-06-03 BadgerysCreek    10.7   19.1   12.4      NA      NA
## 3560 2010-06-04 BadgerysCreek    13.4   16.9   36.0      NA      NA
## 3561 2010-06-05 BadgerysCreek    11.5   20.4    5.2      NA      NA
## 3562 2010-06-06 BadgerysCreek     7.0   18.1    0.0      NA      NA
## 3563 2010-06-07 BadgerysCreek     6.9   17.3    0.0      NA      NA
## 3564 2010-06-08 BadgerysCreek     4.8   17.6    0.0      NA      NA
## 3565 2010-06-09 BadgerysCreek     2.3   16.2    0.0      NA      NA
## 3566 2010-06-10 BadgerysCreek     7.2   15.5    0.0      NA      NA
## 3567 2010-06-11 BadgerysCreek    -0.1   17.0    0.0      NA      NA
## 3568 2010-06-12 BadgerysCreek     1.9   16.2    0.0      NA      NA
## 3569 2010-06-13 BadgerysCreek     3.2   17.5    0.0      NA      NA
## 3570 2010-06-14 BadgerysCreek     3.6   18.0    0.0      NA      NA
## 3571 2010-06-15 BadgerysCreek     3.2   18.3    0.0      NA      NA
## 3572 2010-06-16 BadgerysCreek     2.7   18.8    0.2      NA      NA
## 3573 2010-06-17 BadgerysCreek     7.0   19.0    0.0      NA      NA
## 3574 2010-06-18 BadgerysCreek     2.7   18.2    0.0      NA      NA
## 3575 2010-06-19 BadgerysCreek     1.4   18.9    0.0      NA      NA
## 3576 2010-06-20 BadgerysCreek     2.1   19.3    0.0      NA      NA
## 3577 2010-06-21 BadgerysCreek     5.5   17.8    0.0      NA      NA
## 3578 2010-06-22 BadgerysCreek    10.8   16.5     NA      NA      NA
## 3579 2010-06-23 BadgerysCreek     8.4   15.2    0.0      NA      NA
## 3580 2010-06-24 BadgerysCreek     8.6   17.8    3.6      NA      NA
## 3581 2010-06-25 BadgerysCreek     7.9   18.1    0.0      NA      NA
## 3582 2010-06-26 BadgerysCreek     9.8   19.2    0.4      NA      NA
## 3583 2010-06-27 BadgerysCreek     2.0   15.9    0.0      NA      NA
## 3584 2010-06-28 BadgerysCreek     1.5   15.5    0.2      NA      NA
## 3585 2010-06-29 BadgerysCreek    -1.2   15.0    0.0      NA      NA
## 3586 2010-06-30 BadgerysCreek    -3.0   16.1     NA      NA      NA
## 3587 2010-07-01 BadgerysCreek    -1.0   16.4    0.2      NA      NA
## 3588 2010-07-02 BadgerysCreek     2.2   12.1    0.0      NA      NA
## 3589 2010-07-03 BadgerysCreek     3.7   15.6    1.6      NA      NA
```

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## 3590 2010-07-04 BadgerysCreek    4.3   18.0    0.0    NA   NA
## 3591 2010-07-05 BadgerysCreek    4.9   14.5    0.0    NA   NA
## 3592 2010-07-06 BadgerysCreek    9.0   16.7    1.6    NA   NA
## 3593 2010-07-07 BadgerysCreek    8.0   17.5    1.0    NA   NA
## 3594 2010-07-08 BadgerysCreek    5.6   16.4    0.0    NA   NA
## 3595 2010-07-09 BadgerysCreek    6.9   17.5    1.6    NA   NA
## 3596 2010-07-10 BadgerysCreek    4.6   17.3    0.0    NA   NA
## 3597 2010-07-11 BadgerysCreek    8.9   15.2     NA    NA   NA
## 3598 2010-07-12 BadgerysCreek    4.7   18.2    0.6    NA   NA
## 3599 2010-07-13 BadgerysCreek    8.4   16.9    0.0    NA   NA
## 3600 2010-07-14 BadgerysCreek   11.6   17.3    0.6    NA   NA
## 3601 2010-07-15 BadgerysCreek    6.4   16.6    0.0    NA   NA
## 3602 2010-07-16 BadgerysCreek    2.3   16.7    0.0    NA   NA
## 3603 2010-07-17 BadgerysCreek    1.3   17.5    0.0    NA   NA
## 3604 2010-07-18 BadgerysCreek   -0.6   18.0    0.0    NA   NA
## 3605 2010-07-19 BadgerysCreek    3.8   15.7    0.0    NA   NA
## 3606 2010-07-20 BadgerysCreek    4.4   16.5    0.6    NA   NA
## 3607 2010-07-21 BadgerysCreek    5.2   16.6    0.2    NA   NA
## 3608 2010-07-22 BadgerysCreek    2.9   17.1    0.0    NA   NA
## 3609 2010-07-23 BadgerysCreek    4.7   18.1    0.0    NA   NA
## 3610 2010-07-24 BadgerysCreek    4.6   18.7    0.0    NA   NA
## 3611 2010-07-25 BadgerysCreek    8.4   17.1    3.4    NA   NA
## 3612 2010-07-26 BadgerysCreek    7.0   17.0   24.8    NA   NA
## 3613 2010-07-27 BadgerysCreek    7.2   16.8    0.0    NA   NA
## 3614 2010-07-28 BadgerysCreek   10.0   12.6    2.0    NA   NA
## 3615 2010-07-29 BadgerysCreek    9.0   13.4   21.0    NA   NA
## 3616 2010-07-30 BadgerysCreek    8.9   19.8    7.2    NA   NA
## 3617 2010-07-31 BadgerysCreek   10.5   20.1    5.2    NA   NA
## 3618 2010-08-01 BadgerysCreek    4.0   19.9    0.0    NA   NA
## 3619 2010-08-02 BadgerysCreek    5.0   14.9    0.0    NA   NA
## 3620 2010-08-03 BadgerysCreek   10.2   17.5    7.4    NA   NA
## 3621 2010-08-04 BadgerysCreek    5.1   18.0    0.0    NA   NA
## 3622 2010-08-05 BadgerysCreek    2.9   16.6    0.0    NA   NA
## 3623 2010-08-06 BadgerysCreek    4.3   16.3    0.0    NA   NA
## 3624 2010-08-07 BadgerysCreek    3.3   16.4    0.0    NA   NA
## 3625 2010-08-08 BadgerysCreek    1.2   17.0    0.0    NA   NA
## 3626 2010-08-09 BadgerysCreek    2.7   18.0    0.0    NA   NA
## 3627 2010-08-10 BadgerysCreek    6.1   12.5    6.6    NA   NA
## 3628 2010-08-11 BadgerysCreek    6.9   16.5    6.2    NA   NA
## 3629 2010-08-12 BadgerysCreek    9.1   16.0    0.0    NA   NA
## 3630 2010-08-13 BadgerysCreek    8.2   18.8    0.0    NA   NA
## 3631 2010-08-14 BadgerysCreek    2.9   20.5     NA    NA   NA
## 3632 2010-08-15 BadgerysCreek    6.5   19.6    0.0    NA   NA
## 3633 2010-08-16 BadgerysCreek    7.8   17.8    0.0    NA   NA
## 3634 2010-08-17 BadgerysCreek    2.6   17.6    0.0    NA   NA
## 3635 2010-08-18 BadgerysCreek    0.5   19.9    0.0    NA   NA
## 3636 2010-08-19 BadgerysCreek    7.3   23.4     NA    NA   NA
## 3637 2010-08-20 BadgerysCreek    4.5   18.0    0.0    NA   NA
## 3638 2010-08-21 BadgerysCreek    2.5   16.5    0.0    NA   NA
## 3639 2010-08-22 BadgerysCreek    2.3   18.2    0.0    NA   NA
## 3640 2010-08-23 BadgerysCreek    8.1   14.2    0.0    NA   NA
## 3641 2010-08-24 BadgerysCreek    6.0   18.7     NA    NA   NA
## 3642 2010-08-25 BadgerysCreek    6.9   16.6    0.0    NA   NA
## 3643 2010-08-26 BadgerysCreek    8.4   17.2    0.0    NA   NA
```

```
## 3644 2010-08-27 BadgerysCreek   5.1  18.6   0.0   NA   NA
## 3645 2010-08-28 BadgerysCreek   4.4  18.1   0.0   NA   NA
## 3646 2010-08-29 BadgerysCreek   2.6  19.0   0.0   NA   NA
## 3647 2010-08-30 BadgerysCreek   7.9  19.8   0.0   NA   NA
## 3648 2010-08-31 BadgerysCreek   8.6  21.8   0.0   NA   NA
## 3649 2010-09-01 BadgerysCreek   7.9  25.0   0.0   NA   NA
## 3650 2010-09-02 BadgerysCreek  13.0  18.6   0.0   NA   NA
## 3651 2010-09-03 BadgerysCreek  10.8  15.2   4.0   NA   NA
## 3652 2010-09-04 BadgerysCreek  11.3  19.9  16.4   NA   NA
## 3653 2010-09-05 BadgerysCreek  13.3  20.3   0.2   NA   NA
## 3654 2010-09-06 BadgerysCreek   6.7  20.4   0.0   NA   NA
## 3655 2010-09-07 BadgerysCreek   4.3  17.8   0.0   NA   NA
## 3656 2010-09-08 BadgerysCreek   3.6  18.9   0.0   NA   NA
## 3657 2010-09-09 BadgerysCreek   5.1  16.3   0.0   NA   NA
## 3658 2010-09-10 BadgerysCreek   8.6  23.6   3.0   NA   NA
## 3659 2010-09-11 BadgerysCreek   5.2  21.7   0.0   NA   NA
## 3660 2010-09-12 BadgerysCreek   3.4  20.7   0.0   NA   NA
## 3661 2010-09-13 BadgerysCreek  10.0  23.1   0.0   NA   NA
## 3662 2010-09-14 BadgerysCreek  10.8  16.6   0.0   NA   NA
## 3663 2010-09-15 BadgerysCreek   9.7  21.8  16.8   NA   NA
## 3664 2010-09-16 BadgerysCreek   8.6  20.1   0.0   NA   NA
## 3665 2010-09-17 BadgerysCreek   3.1  19.1   0.0   NA   NA
## 3666 2010-09-18 BadgerysCreek   3.7  22.0   0.0   NA   NA
## 3667 2010-09-19 BadgerysCreek   5.3  18.7   0.0   NA   NA
## 3668 2010-09-20 BadgerysCreek   6.0  20.6   0.0   NA   NA
## 3669 2010-09-21 BadgerysCreek   6.3  24.6   0.2   NA   NA
## 3670 2010-09-22 BadgerysCreek  11.8  21.9   0.0   NA   NA
## 3671 2010-09-23 BadgerysCreek  13.5  20.2   0.2   NA   NA
## 3672 2010-09-24 BadgerysCreek   8.3  25.2   0.0   NA   NA
## 3673 2010-09-25 BadgerysCreek   5.5  25.9   0.0   NA   NA
## 3674 2010-09-26 BadgerysCreek   7.1  25.2   0.0   NA   NA
## 3675 2010-09-27 BadgerysCreek   7.4  26.9   0.0   NA   NA
## 3676 2010-09-28 BadgerysCreek   8.5  26.3   0.2   NA   NA
## 3677 2010-09-29 BadgerysCreek   9.9  19.0   0.0   NA   NA
## 3678 2010-09-30 BadgerysCreek   3.8  18.9   0.8   NA   NA
## 3679 2010-10-01 BadgerysCreek   5.4  18.8   0.0   NA   NA
## 3680 2010-10-02 BadgerysCreek  10.1  19.5   0.0   NA   NA
## 3681 2010-10-03 BadgerysCreek  12.4  19.2  18.6   NA   NA
## 3682 2010-10-04 BadgerysCreek  13.8  20.5  28.6   NA   NA
## 3683 2010-10-05 BadgerysCreek  15.6  24.5   2.2   NA   NA
## 3684 2010-10-06 BadgerysCreek  15.3  22.6   0.2   NA   NA
## 3685 2010-10-07 BadgerysCreek  14.0  23.6   0.0   NA   NA
## 3686 2010-10-08 BadgerysCreek  11.9  21.4   0.0   NA   NA
## 3687 2010-10-09 BadgerysCreek  13.6  18.0   0.0   NA   NA
## 3688 2010-10-10 BadgerysCreek  11.5  20.8   0.6   NA   NA
## 3689 2010-10-11 BadgerysCreek  12.8  21.2   0.6   NA   NA
## 3690 2010-10-12 BadgerysCreek  11.5  24.1   0.4   NA   NA
## 3691 2010-10-13 BadgerysCreek  12.6  25.7   0.0   NA   NA
## 3692 2010-10-14 BadgerysCreek  14.7  28.6  10.4   NA   NA
## 3693 2010-10-15 BadgerysCreek  14.7  24.2   0.2   NA   NA
## 3694 2010-10-16 BadgerysCreek   9.9  15.4    NA   NA   NA
## 3695 2010-10-17 BadgerysCreek   5.4  22.8   0.0   NA   NA
## 3696 2010-10-18 BadgerysCreek   5.9  23.8   0.2   NA   NA
## 3697 2010-10-19 BadgerysCreek   7.2  16.1   0.0   NA   NA
```

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## 3698 2010-10-20 BadgerysCreek   10.2   22.9    0.0    NA    NA
## 3699 2010-10-21 BadgerysCreek    9.3   24.4    0.2    NA    NA
## 3700 2010-10-22 BadgerysCreek   11.1   26.8    0.0    NA    NA
## 3701 2010-10-23 BadgerysCreek   10.5   28.5    2.2    NA    NA
## 3702 2010-10-24 BadgerysCreek   11.8   16.9    4.0    NA    NA
## 3703 2010-10-25 BadgerysCreek   11.6   20.9    7.0    NA    NA
## 3704 2010-10-26 BadgerysCreek    8.5   26.2    0.0    NA    NA
## 3705 2010-10-27 BadgerysCreek    8.1   24.8    0.0    NA    NA
## 3706 2010-10-28 BadgerysCreek   13.4   19.5   17.2    NA    NA
## 3707 2010-10-29 BadgerysCreek   11.7   20.4    0.4    NA    NA
## 3708 2010-10-30 BadgerysCreek   11.4   29.5    0.2    NA    NA
## 3709 2010-10-31 BadgerysCreek   17.1   30.0    0.0    NA    NA
## 3710 2010-11-01 BadgerysCreek   14.4   21.2    0.0    NA    NA
## 3711 2010-11-02 BadgerysCreek   10.9   20.3   33.8    NA    NA
## 3712 2010-11-03 BadgerysCreek    7.6   24.4    0.0    NA    NA
## 3713 2010-11-04 BadgerysCreek   12.4   18.1    2.0    NA    NA
## 3714 2010-11-05 BadgerysCreek   11.3   18.7    1.4    NA    NA
## 3715 2010-11-06 BadgerysCreek   11.8   17.3    2.2    NA    NA
## 3716 2010-11-07 BadgerysCreek   10.4   24.1    5.8    NA    NA
## 3717 2010-11-08 BadgerysCreek   12.6   30.2    0.0    NA    NA
## 3718 2010-11-09 BadgerysCreek   15.1   24.0   12.2    NA    NA
## 3719 2010-11-10 BadgerysCreek   16.7   28.2    0.2    NA    NA
## 3720 2010-11-11 BadgerysCreek   16.2   28.9   11.4    NA    NA
## 3721 2010-11-12 BadgerysCreek   14.9   31.6    0.2    NA    NA
## 3722 2010-11-13 BadgerysCreek   15.9   32.0    0.0    NA    NA
## 3723 2010-11-14 BadgerysCreek   19.9   32.4    0.0    NA    NA
## 3724 2010-11-15 BadgerysCreek   20.4   21.1    0.0    NA    NA
## 3725 2010-11-16 BadgerysCreek   17.6   25.3   25.4    NA    NA
## 3726 2010-11-17 BadgerysCreek   16.0   22.1    0.0    NA    NA
## 3727 2010-11-18 BadgerysCreek   13.0   26.8    0.0    NA    NA
## 3728 2010-11-19 BadgerysCreek   14.7   18.1    1.6    NA    NA
## 3729 2010-11-20 BadgerysCreek   10.2   23.8    0.0    NA    NA
## 3730 2010-11-21 BadgerysCreek    9.8   25.6    0.0    NA    NA
## 3731 2010-11-22 BadgerysCreek   11.8   25.4    0.0    NA    NA
## 3732 2010-11-23 BadgerysCreek   12.0   26.7    0.0    NA    NA
## 3733 2010-11-24 BadgerysCreek   12.7   28.9    0.0    NA    NA
## 3734 2010-11-25 BadgerysCreek   14.5   31.3    0.0    NA    NA
## 3735 2010-11-26 BadgerysCreek   14.5   30.1    0.0    NA    NA
## 3736 2010-11-27 BadgerysCreek   15.8   30.9    0.0    NA    NA
## 3737 2010-11-28 BadgerysCreek   16.0   22.5    0.2    NA    NA
## 3738 2010-11-29 BadgerysCreek   15.5   19.5   11.4    NA    NA
## 3739 2010-11-30 BadgerysCreek   15.6   22.4   11.4    NA    NA
## 3740 2010-12-01 BadgerysCreek   16.5   20.4   28.8    NA    NA
## 3741 2010-12-02 BadgerysCreek   17.7   25.2   14.0    NA    NA
## 3742 2010-12-03 BadgerysCreek   18.2   26.3    0.8    NA    NA
## 3743 2010-12-04 BadgerysCreek   18.1   25.2    1.2    NA    NA
## 3744 2010-12-05 BadgerysCreek   18.7   26.4    0.4    NA    NA
## 3745 2010-12-06 BadgerysCreek   17.7   25.6    0.8    NA    NA
## 3746 2010-12-07 BadgerysCreek   16.9   28.2   28.4    NA    NA
## 3747 2010-12-08 BadgerysCreek   16.3   31.1    0.0    NA    NA
## 3748 2010-12-09 BadgerysCreek   21.5   31.2    2.0    NA    NA
## 3749 2010-12-10 BadgerysCreek   20.4   31.2    2.6    NA    NA
## 3750 2010-12-11 BadgerysCreek   13.5   29.7    0.0    NA    NA
## 3751 2010-12-12 BadgerysCreek   12.7   30.3    0.0    NA    NA
```

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## 3752 2010-12-13 BadgerysCreek     14.2   27.1    0.0    NA    NA
## 3753 2010-12-14 BadgerysCreek     17.0   26.9    0.0    NA    NA
## 3754 2010-12-15 BadgerysCreek     16.9   30.3    0.0    NA    NA
## 3755 2010-12-16 BadgerysCreek     18.5   27.5    0.0    NA    NA
## 3756 2010-12-17 BadgerysCreek     16.5   25.5   22.0    NA    NA
## 3757 2010-12-18 BadgerysCreek     16.0   24.7    0.0    NA    NA
## 3758 2010-12-19 BadgerysCreek     12.4   25.5    0.4    NA    NA
## 3759 2010-12-20 BadgerysCreek     11.4   21.3    2.4    NA    NA
## 3760 2010-12-21 BadgerysCreek     11.0   26.7    0.0    NA    NA
## 3761 2010-12-22 BadgerysCreek     10.6   25.6    0.0    NA    NA
## 3762 2010-12-23 BadgerysCreek     14.3   31.7     NA    NA    NA
## 3763 2010-12-24 BadgerysCreek     16.8   22.7    0.0    NA    NA
## 3764 2010-12-25 BadgerysCreek     13.4   31.4    0.0    NA    NA
## 3765 2010-12-26 BadgerysCreek     19.4   30.2    4.8    NA    NA
## 3766 2010-12-27 BadgerysCreek     16.6   19.8   21.0    NA    NA
## 3767 2010-12-28 BadgerysCreek     12.5   20.5    1.4    NA    NA
## 3768 2010-12-29 BadgerysCreek     13.3   29.4    0.2    NA    NA
## 3769 2010-12-30 BadgerysCreek     15.7   29.2    0.0    NA    NA
## 3770 2010-12-31 BadgerysCreek     16.8   34.1    0.0    NA    NA
## 3771 2011-01-01 BadgerysCreek     16.8   37.4    0.0    NA    NA
## 3772 2011-01-02 BadgerysCreek     17.1   30.8    0.0    NA    NA
## 3773 2011-01-03 BadgerysCreek     16.9   20.5    0.8    NA    NA
## 3774 2011-01-04 BadgerysCreek     16.1   22.3    4.2    NA    NA
## 3775 2011-01-05 BadgerysCreek     16.9   27.0    0.0    NA    NA
## 3776 2011-01-06 BadgerysCreek     16.6   26.6    0.0    NA    NA
## 3777 2011-01-07 BadgerysCreek     16.1   26.9    0.0    NA    NA
## 3778 2011-01-08 BadgerysCreek     19.1   29.0    9.0    NA    NA
## 3779 2011-01-09 BadgerysCreek     20.4   29.0    2.2    NA    NA
## 3780 2011-01-10 BadgerysCreek     20.6   28.2    7.0    NA    NA
## 3781 2011-01-11 BadgerysCreek     20.1   24.4    2.8    NA    NA
## 3782 2011-01-12 BadgerysCreek     21.1   29.3    4.6    NA    NA
## 3783 2011-01-13 BadgerysCreek     22.4   28.7    1.0    NA    NA
## 3784 2011-01-14 BadgerysCreek     18.2   30.3    0.0    NA    NA
## 3785 2011-01-15 BadgerysCreek     20.6   30.0    4.6    NA    NA
## 3786 2011-01-16 BadgerysCreek     18.7   30.6    0.0    NA    NA
## 3787 2011-01-17 BadgerysCreek     17.6   32.7    0.0    NA    NA
## 3788 2011-01-18 BadgerysCreek     17.4   27.8    0.0    NA    NA
## 3789 2011-01-19 BadgerysCreek     18.3   28.2    0.0    NA    NA
## 3790 2011-01-20 BadgerysCreek     18.8   29.8    0.8    NA    NA
## 3791 2011-01-21 BadgerysCreek     15.7   32.0    0.0    NA    NA
## 3792 2011-01-22 BadgerysCreek     16.7   31.6    0.0    NA    NA
## 3793 2011-01-23 BadgerysCreek     17.6   32.4    0.0    NA    NA
## 3794 2011-01-24 BadgerysCreek     16.6   33.7    1.2    NA    NA
## 3795 2011-01-25 BadgerysCreek     20.5   36.1    0.0    NA    NA
## 3796 2011-01-26 BadgerysCreek     19.5   36.8    0.0    NA    NA
## 3797 2011-01-27 BadgerysCreek     22.5   35.9    0.0    NA    NA
## 3798 2011-01-28 BadgerysCreek     19.0   27.4    0.0    NA    NA
## 3799 2011-01-29 BadgerysCreek     14.0   27.6    0.0    NA    NA
## 3800 2011-01-30 BadgerysCreek     12.1   36.7    0.0    NA    NA
## 3801 2011-01-31 BadgerysCreek     17.0   40.4    0.0    NA    NA
## 3802 2011-02-01 BadgerysCreek     18.4   41.5    0.0    NA    NA
## 3803 2011-02-02 BadgerysCreek     23.1   38.4    0.0    NA    NA
## 3804 2011-02-03 BadgerysCreek     23.9   38.7    0.0    NA    NA
## 3805 2011-02-04 BadgerysCreek     22.1   38.6    0.0    NA    NA
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## 3806 2011-02-05 BadgerysCreek    21.8    41.4     0.0       NA     NA
## 3807 2011-02-06 BadgerysCreek    21.8    33.9     0.0       NA     NA
## 3808 2011-02-07 BadgerysCreek    16.6    24.1     0.0       NA     NA
## 3809 2011-02-08 BadgerysCreek    14.2    27.4     0.0       NA     NA
## 3810 2011-02-09 BadgerysCreek    14.8    25.5     0.0       NA     NA
## 3811 2011-02-10 BadgerysCreek    14.9    30.5     0.0       NA     NA
## 3812 2011-02-11 BadgerysCreek    16.3    38.2     0.0       NA     NA
## 3813 2011-02-12 BadgerysCreek    21.6    22.7     0.2       NA     NA
## 3814 2011-02-13 BadgerysCreek    18.2    22.8    19.8       NA     NA
## 3815 2011-02-14 BadgerysCreek    17.8    23.5     0.0       NA     NA
## 3816 2011-02-15 BadgerysCreek    14.6    24.1     0.0       NA     NA
## 3817 2011-02-16 BadgerysCreek    17.8    28.1     1.0       NA     NA
## 3818 2011-02-17 BadgerysCreek    19.4    31.8     1.4       NA     NA
## 3819 2011-02-18 BadgerysCreek    19.7    28.2     4.4       NA     NA
## 3820 2011-02-19 BadgerysCreek    20.2    37.9     0.2       NA     NA
## 3821 2011-02-20 BadgerysCreek    23.6    36.7     0.0       NA     NA
## 3822 2011-02-21 BadgerysCreek    18.4    28.6     0.0       NA     NA
## 3823 2011-02-22 BadgerysCreek    15.6    24.5     0.2       NA     NA
## 3824 2011-02-23 BadgerysCreek    12.5    27.5     0.0       NA     NA
## 3825 2011-02-24 BadgerysCreek    12.5    31.0     0.0       NA     NA
## 3826 2011-02-25 BadgerysCreek    12.8    32.0     0.0       NA     NA
## 3827 2011-02-26 BadgerysCreek    16.7    34.1     0.0       NA     NA
## 3828 2011-02-27 BadgerysCreek    16.6    29.5     0.0       NA     NA
## 3829 2011-02-28 BadgerysCreek    20.4    30.2     0.4       NA     NA
## 3830 2011-03-01 BadgerysCreek    18.7    36.6     0.6       NA     NA
## 3831 2011-03-02 BadgerysCreek    16.4    22.1     0.0       NA     NA
## 3832 2011-03-03 BadgerysCreek    12.9    32.6     0.0       NA     NA
## 3833 2011-03-04 BadgerysCreek    16.6    32.9     0.0       NA     NA
## 3834 2011-03-05 BadgerysCreek    15.4    22.6     0.2       NA     NA
## 3835 2011-03-06 BadgerysCreek    13.9    25.3     0.2       NA     NA
## 3836 2011-03-07 BadgerysCreek    12.0    26.4     0.0       NA     NA
## 3837 2011-03-08 BadgerysCreek    12.1    32.1     0.0       NA     NA
## 3838 2011-03-09 BadgerysCreek    16.4    31.8     0.0       NA     NA
## 3839 2011-03-10 BadgerysCreek    17.1    29.6     0.0       NA     NA
## 3840 2011-03-11 BadgerysCreek    18.4    28.7     0.0       NA     NA
## 3841 2011-03-12 BadgerysCreek    16.7    31.7     0.8       NA     NA
## 3842 2011-03-13 BadgerysCreek    17.3    34.8     0.0       NA     NA
## 3843 2011-03-14 BadgerysCreek    17.1    27.3     0.0       NA     NA
## 3844 2011-03-15 BadgerysCreek    16.6    27.4     0.2       NA     NA
## 3845 2011-03-16 BadgerysCreek    15.2    30.3     0.8       NA     NA
## 3846 2011-03-17 BadgerysCreek    18.1    25.8    16.6       NA     NA
## 3847 2011-03-18 BadgerysCreek    18.1    25.9     0.2       NA     NA
## 3848 2011-03-19 BadgerysCreek    17.4    21.3     3.0       NA     NA
## 3849 2011-03-20 BadgerysCreek    17.8    23.7    25.8       NA     NA
## 3850 2011-03-21 BadgerysCreek    18.7    26.1    17.2       NA     NA
## 3851 2011-03-22 BadgerysCreek    19.2    32.0    13.2       NA     NA
## 3852 2011-03-23 BadgerysCreek    16.9    30.8     0.2       NA     NA
## 3853 2011-03-24 BadgerysCreek    13.1    26.7     0.2       NA     NA
## 3854 2011-03-25 BadgerysCreek    12.7    26.2     0.0       NA     NA
## 3855 2011-03-26 BadgerysCreek    14.0    22.6     0.0       NA     NA
## 3856 2011-03-27 BadgerysCreek    13.2    21.7     0.0       NA     NA
## 3857 2011-03-28 BadgerysCreek    13.7    24.3     1.2       NA     NA
## 3858 2011-03-29 BadgerysCreek    14.2    27.9     0.0       NA     NA
## 3859 2011-03-30 BadgerysCreek    13.4    29.3     0.0       NA     NA
```

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## 3860 2011-03-31 BadgerysCreek   16.7   20.7    2.6      NA     NA
## 3861 2011-05-01 BadgerysCreek   11.7   22.9    8.2      NA     NA
## 3862 2011-05-02 BadgerysCreek    9.3   19.2    0.0      NA     NA
## 3863 2011-05-03 BadgerysCreek   11.0   19.4    0.2      NA     NA
## 3864 2011-05-04 BadgerysCreek   10.6   22.4    0.0      NA     NA
## 3865 2011-05-05 BadgerysCreek    8.6   19.9    0.2      NA     NA
## 3866 2011-05-06 BadgerysCreek    7.3   19.1    0.0      NA     NA
## 3867 2011-05-07 BadgerysCreek    5.7   20.5    0.0      NA     NA
## 3868 2011-05-08 BadgerysCreek    2.4   21.2    0.0      NA     NA
## 3869 2011-05-09 BadgerysCreek    6.0   18.2    0.0      NA     NA
## 3870 2011-05-10 BadgerysCreek    7.9   18.6    0.0      NA     NA
## 3871 2011-05-11 BadgerysCreek    0.0   16.3    0.0      NA     NA
## 3872 2011-05-12 BadgerysCreek    3.1   16.8    0.0      NA     NA
## 3873 2011-05-13 BadgerysCreek    1.7   21.2    0.0      NA     NA
## 3874 2011-05-14 BadgerysCreek    8.4   16.5    0.2      NA     NA
## 3875 2011-05-15 BadgerysCreek    0.7   19.5    0.0      NA     NA
## 3876 2011-05-16 BadgerysCreek   -0.1   20.6    0.0      NA     NA
## 3877 2011-05-17 BadgerysCreek    2.2   19.6    0.0      NA     NA
## 3878 2011-05-18 BadgerysCreek    2.9   20.4    0.0      NA     NA
## 3879 2011-05-19 BadgerysCreek    5.1   21.3    0.0      NA     NA
## 3880 2011-05-20 BadgerysCreek    5.0   22.6    0.0      NA     NA
## 3881 2011-05-21 BadgerysCreek    5.7   24.1    0.0      NA     NA
## 3882 2011-05-22 BadgerysCreek    5.9   22.6    0.0      NA     NA
## 3883 2011-05-23 BadgerysCreek   10.8   22.6    3.0      NA     NA
## 3884 2011-05-24 BadgerysCreek    6.5   19.3    0.0      NA     NA
## 3885 2011-05-25 BadgerysCreek    9.5   16.7    1.2      NA     NA
## 3886 2011-05-26 BadgerysCreek    9.4   20.4    0.0      NA     NA
## 3887 2011-05-27 BadgerysCreek    3.2   17.6    0.0      NA     NA
## 3888 2011-05-28 BadgerysCreek    2.9   19.0    0.0      NA     NA
## 3889 2011-05-29 BadgerysCreek    7.3   18.6    0.0      NA     NA
## 3890 2011-05-30 BadgerysCreek   10.6   15.8    4.4      NA     NA
## 3891 2011-05-31 BadgerysCreek   12.4   18.2   34.8      NA     NA
## 3892 2011-06-01 BadgerysCreek   12.3   18.8   32.8      NA     NA
## 3893 2011-06-02 BadgerysCreek   12.0   20.3    3.2      NA     NA
## 3894 2011-06-03 BadgerysCreek    6.8   20.7    0.0      NA     NA
## 3895 2011-06-04 BadgerysCreek    6.2   17.9    0.0      NA     NA
## 3896 2011-06-05 BadgerysCreek    5.0   17.4    0.0      NA     NA
## 3897 2011-06-06 BadgerysCreek    2.9   17.6    0.0      NA     NA
## 3898 2011-06-07 BadgerysCreek    0.8   14.4    0.0      NA     NA
## 3899 2011-06-08 BadgerysCreek    3.2   13.5    0.0      NA     NA
## 3900 2011-06-09 BadgerysCreek    3.8   16.6    0.4      NA     NA
## 3901 2011-06-10 BadgerysCreek    6.7   16.6    0.0      NA     NA
## 3902 2011-06-11 BadgerysCreek    6.6   16.1    0.0      NA     NA
## 3903 2011-06-12 BadgerysCreek    9.8   16.1    0.8      NA     NA
## 3904 2011-06-13 BadgerysCreek    9.4   13.9    0.0      NA     NA
## 3905 2011-06-14 BadgerysCreek   10.7   15.3    8.8      NA     NA
## 3906 2011-06-15 BadgerysCreek   10.8   16.8    7.8      NA     NA
## 3907 2011-06-16 BadgerysCreek   11.0   17.5    7.2      NA     NA
## 3908 2011-06-17 BadgerysCreek    3.1   17.6    0.0      NA     NA
## 3909 2011-06-18 BadgerysCreek    6.0   17.5    0.0      NA     NA
## 3910 2011-06-19 BadgerysCreek    1.9   18.7    0.0      NA     NA
## 3911 2011-06-20 BadgerysCreek    1.8   19.1    0.0      NA     NA
## 3912 2011-06-21 BadgerysCreek    6.6   20.5    0.0      NA     NA
## 3913 2011-06-22 BadgerysCreek    2.9   15.8    0.0      NA     NA
```

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## 3914 2011-06-23 BadgerysCreek    2.4   19.4    0.0    NA    NA
## 3915 2011-06-24 BadgerysCreek    0.8   17.7    0.0    NA    NA
## 3916 2011-06-25 BadgerysCreek    2.3   18.6    0.0    NA    NA
## 3917 2011-06-26 BadgerysCreek   -0.4   19.4    0.2    NA    NA
## 3918 2011-06-27 BadgerysCreek    0.5   19.0    0.2    NA    NA
## 3919 2011-06-28 BadgerysCreek    6.7   18.7    0.0    NA    NA
## 3920 2011-06-29 BadgerysCreek    9.2   16.3    0.0    NA    NA
## 3921 2011-06-30 BadgerysCreek    8.9   16.3    2.8    NA    NA
## 3922 2011-07-01 BadgerysCreek    9.1   18.3    0.2    NA    NA
## 3923 2011-07-02 BadgerysCreek    8.9   18.1    0.6    NA    NA
## 3924 2011-07-03 BadgerysCreek    1.9   19.5    0.0    NA    NA
## 3925 2011-07-04 BadgerysCreek    6.8   20.6    0.0    NA    NA
## 3926 2011-07-05 BadgerysCreek   11.5   16.6    0.0    NA    NA
## 3927 2011-07-06 BadgerysCreek    5.6   16.9    0.0    NA    NA
## 3928 2011-07-07 BadgerysCreek   10.9   16.4    0.0    NA    NA
## 3929 2011-07-08 BadgerysCreek   -1.4   17.2    0.0    NA    NA
## 3930 2011-07-09 BadgerysCreek    1.9   16.6    0.0    NA    NA
## 3931 2011-07-10 BadgerysCreek   -0.6   16.1    0.0    NA    NA
## 3932 2011-07-11 BadgerysCreek    4.3   17.3    0.0    NA    NA
## 3933 2011-07-12 BadgerysCreek   -1.7   17.9    0.0    NA    NA
## 3934 2011-07-13 BadgerysCreek    4.7   11.3    0.0    NA    NA
## 3935 2011-07-14 BadgerysCreek    3.0   14.8    0.0    NA    NA
## 3936 2011-07-15 BadgerysCreek    1.1   15.7    0.0    NA    NA
## 3937 2011-07-16 BadgerysCreek    7.6   15.1    0.8    NA    NA
## 3938 2011-07-17 BadgerysCreek    8.1   16.8    0.2    NA    NA
## 3939 2011-07-18 BadgerysCreek    3.0   19.0    0.0    NA    NA
## 3940 2011-07-19 BadgerysCreek    0.7   14.2    0.4    NA    NA
## 3941 2011-07-20 BadgerysCreek    2.3   17.8    7.4    NA    NA
## 3942 2011-07-21 BadgerysCreek   10.4   12.7    1.0    NA    NA
## 3943 2011-07-22 BadgerysCreek   10.1   13.6   28.4    NA    NA
## 3944 2011-07-23 BadgerysCreek    7.7   15.9    7.4    NA    NA
## 3945 2011-07-24 BadgerysCreek    3.7   14.3    0.0    NA    NA
## 3946 2011-07-25 BadgerysCreek    3.7   18.5    0.2    NA    NA
## 3947 2011-07-26 BadgerysCreek    0.6   18.2    0.0    NA    NA
## 3948 2011-07-27 BadgerysCreek    3.6   17.0    0.0    NA    NA
## 3949 2011-07-28 BadgerysCreek    1.1   18.3    0.2    NA    NA
## 3950 2011-07-29 BadgerysCreek    0.5   19.3    0.0    NA    NA
## 3951 2011-07-30 BadgerysCreek    0.5   19.2    0.2    NA    NA
## 3952 2011-07-31 BadgerysCreek    0.4   19.0    0.0    NA    NA
## 3953 2011-08-01 BadgerysCreek    3.7   21.9    0.0    NA    NA
## 3954 2011-08-02 BadgerysCreek    1.7   22.7    0.0    NA    NA
## 3955 2011-08-03 BadgerysCreek    7.2   24.2    0.0    NA    NA
## 3956 2011-08-04 BadgerysCreek    4.8   25.3    0.0    NA    NA
## 3957 2011-08-05 BadgerysCreek    4.2   24.3     NA    NA    NA
## 3958 2011-08-06 BadgerysCreek    3.8   21.6    0.0    NA    NA
## 3959 2011-08-07 BadgerysCreek    9.0   19.1    1.0    NA    NA
## 3960 2011-08-08 BadgerysCreek    2.7   17.4    5.0    NA    NA
## 3961 2011-08-09 BadgerysCreek    2.5   16.4    0.0    NA    NA
## 3962 2011-08-10 BadgerysCreek    0.3   17.8    0.0    NA    NA
## 3963 2011-08-11 BadgerysCreek    0.2   17.8    0.0    NA    NA
## 3964 2011-08-12 BadgerysCreek    5.8   17.7    2.4    NA    NA
## 3965 2011-08-13 BadgerysCreek    1.5   18.3    0.2    NA    NA
## 3966 2011-08-14 BadgerysCreek    7.8   17.8    0.0    NA    NA
## 3967 2011-08-15 BadgerysCreek    4.2   18.8    0.2    NA    NA
```

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## 3968 2011-08-16 BadgerysCreek    6.0  18.9   0.0     NA    NA
## 3969 2011-08-17 BadgerysCreek    5.9  13.2   0.0     NA    NA
## 3970 2011-08-18 BadgerysCreek    8.2  17.5  12.8     NA    NA
## 3971 2011-08-19 BadgerysCreek    2.9  15.5   0.6     NA    NA
## 3972 2011-08-20 BadgerysCreek    9.9  19.0  20.4     NA    NA
## 3973 2011-08-21 BadgerysCreek    8.4  17.7   1.0     NA    NA
## 3974 2011-08-22 BadgerysCreek    7.8  17.6   0.2     NA    NA
## 3975 2011-08-23 BadgerysCreek    9.1  17.6   0.0     NA    NA
## 3976 2011-08-24 BadgerysCreek    7.8  19.5   0.2     NA    NA
## 3977 2011-08-25 BadgerysCreek    2.8  21.7   0.0     NA    NA
## 3978 2011-08-26 BadgerysCreek    3.3  21.8   0.2     NA    NA
## 3979 2011-08-27 BadgerysCreek    8.0  19.1   0.2     NA    NA
## 3980 2011-08-28 BadgerysCreek    5.4  20.7   0.0     NA    NA
## 3981 2011-08-29 BadgerysCreek    5.0  22.5   0.2     NA    NA
## 3982 2011-08-30 BadgerysCreek    8.9  18.5   0.0     NA    NA
## 3983 2011-08-31 BadgerysCreek    7.4  21.0   0.0     NA    NA
## 3984 2011-09-01 BadgerysCreek   10.8  21.5   0.0     NA    NA
## 3985 2011-09-02 BadgerysCreek    9.5  17.4   0.0     NA    NA
## 3986 2011-09-03 BadgerysCreek    4.6  20.2   0.0     NA    NA
## 3987 2011-09-04 BadgerysCreek    4.2  23.0   0.0     NA    NA
## 3988 2011-09-05 BadgerysCreek    9.3  24.2   0.0     NA    NA
## 3989 2011-09-06 BadgerysCreek    6.3  26.1   0.6     NA    NA
## 3990 2011-09-07 BadgerysCreek    9.4  20.7   1.8     NA    NA
## 3991 2011-09-08 BadgerysCreek    8.6  18.0   0.0     NA    NA
## 3992 2011-09-09 BadgerysCreek   10.8  16.2   7.2     NA    NA
## 3993 2011-09-10 BadgerysCreek    5.7  17.0   2.0     NA    NA
## 3994 2011-09-11 BadgerysCreek    5.5  19.1   0.2     NA    NA
## 3995 2011-09-12 BadgerysCreek    6.1  19.1   0.0     NA    NA
## 3996 2011-09-13 BadgerysCreek    1.2  23.4   0.0     NA    NA
## 3997 2011-09-14 BadgerysCreek    3.6  25.7   0.0     NA    NA
## 3998 2011-09-15 BadgerysCreek   10.0  22.4   0.0     NA    NA
## 3999 2011-09-16 BadgerysCreek    4.6  28.7   0.0     NA    NA
## 4000 2011-09-17 BadgerysCreek    7.8  27.8   0.0     NA    NA
## 4001 2011-09-18 BadgerysCreek    6.1  29.9   0.2     NA    NA
## 4002 2011-09-19 BadgerysCreek   13.4  26.0   0.0     NA    NA
## 4003 2011-09-20 BadgerysCreek    8.8  26.6   0.0     NA    NA
## 4004 2011-09-21 BadgerysCreek    5.6  24.6   0.0     NA    NA
## 4005 2011-09-22 BadgerysCreek    5.6  24.1   0.0     NA    NA
## 4006 2011-09-23 BadgerysCreek    4.7  31.0   0.0     NA    NA
## 4007 2011-09-24 BadgerysCreek   12.8  18.1   0.2     NA    NA
## 4008 2011-09-25 BadgerysCreek   11.2  16.1  22.2     NA    NA
## 4009 2011-09-26 BadgerysCreek    9.6  19.1  22.6     NA    NA
## 4010 2011-09-27 BadgerysCreek    6.4  20.9   0.2     NA    NA
## 4011 2011-09-28 BadgerysCreek    7.5  16.2   0.2     NA    NA
## 4012 2011-09-29 BadgerysCreek   14.2  20.6  10.8     NA    NA
## 4013 2011-09-30 BadgerysCreek   10.1  19.6   0.2     NA    NA
## 4014 2011-10-01 BadgerysCreek    5.1  18.6   0.0     NA    NA
## 4015 2011-10-02 BadgerysCreek    9.5  16.3   4.6     NA    NA
## 4016 2011-10-03 BadgerysCreek    7.7  19.1  10.8     NA    NA
## 4017 2011-10-04 BadgerysCreek    6.9  18.3   0.2     NA    NA
## 4018 2011-10-05 BadgerysCreek    7.3  18.9   0.0     NA    NA
## 4019 2011-10-06 BadgerysCreek   10.0  19.2   0.0     NA    NA
## 4020 2011-10-07 BadgerysCreek   12.3  21.9   1.6     NA    NA
## 4021 2011-10-08 BadgerysCreek   14.7  21.3   5.4     NA    NA
```

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## 4022 2011-10-09 BadgerysCreek     9.8    22.6     3.8     NA     NA
## 4023 2011-10-10 BadgerysCreek     6.7    23.3     0.0     NA     NA
## 4024 2011-10-11 BadgerysCreek     8.9    22.0     0.0     NA     NA
## 4025 2011-10-12 BadgerysCreek     4.9    21.4     0.0     NA     NA
## 4026 2011-10-13 BadgerysCreek    12.6    21.2     0.0     NA     NA
## 4027 2011-10-14 BadgerysCreek    12.9    17.8     0.0     NA     NA
## 4028 2011-10-15 BadgerysCreek    14.4    25.9     0.0     NA     NA
## 4029 2011-10-16 BadgerysCreek    13.2    26.5     0.0     NA     NA
## 4030 2011-10-17 BadgerysCreek     5.5    20.6     0.0     NA     NA
## 4031 2011-10-18 BadgerysCreek    11.4    22.0     0.0     NA     NA
## 4032 2011-10-19 BadgerysCreek     6.8    24.9     0.0     NA     NA
## 4033 2011-10-20 BadgerysCreek     6.8    28.3     0.0     NA     NA
## 4034 2011-10-21 BadgerysCreek    10.2    30.7     0.0     NA     NA
## 4035 2011-10-22 BadgerysCreek    10.5    29.8     0.0     NA     NA
## 4036 2011-10-23 BadgerysCreek    12.9    29.9     0.0     NA     NA
## 4037 2011-10-24 BadgerysCreek    12.9    33.5     0.0     NA     NA
## 4038 2011-10-25 BadgerysCreek    17.7    19.3     0.8     NA     NA
## 4039 2011-10-26 BadgerysCreek    11.5    16.9    12.0     NA     NA
## 4040 2011-10-27 BadgerysCreek    10.9    18.3     1.4     NA     NA
## 4041 2011-10-28 BadgerysCreek    12.5    24.4     0.0     NA     NA
## 4042 2011-10-29 BadgerysCreek    13.7    28.1     0.0     NA     NA
## 4043 2011-10-30 BadgerysCreek    15.4    27.5     1.8     NA     NA
## 4044 2011-10-31 BadgerysCreek     9.8    22.6     0.2     NA     NA
## 4045 2011-11-01 BadgerysCreek    13.7    22.4     0.0     NA     NA
## 4046 2011-11-02 BadgerysCreek    10.4    25.2      NA     NA     NA
## 4047 2011-11-03 BadgerysCreek    13.4    18.3     4.4     NA     NA
## 4048 2011-11-04 BadgerysCreek    12.9    23.1     5.6     NA     NA
## 4049 2011-11-05 BadgerysCreek    12.8    28.4     0.2     NA     NA
## 4050 2011-11-06 BadgerysCreek    12.9    33.8     0.0     NA     NA
## 4051 2011-11-07 BadgerysCreek    18.3    31.4     0.0     NA     NA
## 4052 2011-11-08 BadgerysCreek    17.4    34.6      NA     NA     NA
## 4053 2011-11-09 BadgerysCreek    17.1    32.9     9.0     NA     NA
## 4054 2011-11-10 BadgerysCreek    19.9    28.6     0.0     NA     NA
## 4055 2011-11-11 BadgerysCreek    14.4    25.8     0.0     NA     NA
## 4056 2011-11-12 BadgerysCreek    15.7    29.1     0.0     NA     NA
## 4057 2011-11-13 BadgerysCreek    14.6    26.9     0.0     NA     NA
## 4058 2011-11-14 BadgerysCreek    14.9    37.2     0.0     NA     NA
## 4059 2011-11-15 BadgerysCreek    14.2    29.7     0.0     NA     NA
## 4060 2011-11-16 BadgerysCreek    12.8    24.4     0.0     NA     NA
## 4061 2011-11-17 BadgerysCreek    14.7    20.3    11.0     NA     NA
## 4062 2011-11-18 BadgerysCreek    16.0    27.4     5.2     NA     NA
## 4063 2011-11-19 BadgerysCreek    17.9    34.7     0.0     NA     NA
## 4064 2011-11-20 BadgerysCreek    18.4    34.8     0.0     NA     NA
## 4065 2011-11-21 BadgerysCreek    11.4    24.7     0.8     NA     NA
## 4066 2011-11-22 BadgerysCreek    17.1    19.9     4.2     NA     NA
## 4067 2011-11-23 BadgerysCreek    13.6    16.3    31.0     NA     NA
## 4068 2011-11-24 BadgerysCreek    13.7    17.5    14.0     NA     NA
## 4069 2011-11-25 BadgerysCreek    13.4    19.6     7.8     NA     NA
## 4070 2011-11-26 BadgerysCreek    14.7    29.5    43.2     NA     NA
## 4071 2011-11-27 BadgerysCreek    15.7    29.3     3.2     NA     NA
## 4072 2011-11-28 BadgerysCreek    13.2    31.4     0.0     NA     NA
## 4073 2011-11-29 BadgerysCreek    15.4    31.2     0.0     NA     NA
## 4074 2011-11-30 BadgerysCreek    19.8    30.4     0.0     NA     NA
## 4075 2011-12-01 BadgerysCreek    13.4    21.4     2.0     NA     NA
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## 4076 2011-12-02 BadgerysCreek    11.6    20.3     0.2      NA     NA
## 4077 2011-12-03 BadgerysCreek     9.3    24.6     0.0      NA     NA
## 4078 2011-12-04 BadgerysCreek    10.3    22.2     0.0      NA     NA
## 4079 2011-12-05 BadgerysCreek     8.7    19.9     6.4      NA     NA
## 4080 2011-12-06 BadgerysCreek    11.3    18.1     0.2      NA     NA
## 4081 2011-12-07 BadgerysCreek     9.1    21.6     0.0      NA     NA
## 4082 2011-12-08 BadgerysCreek    14.6    20.9    15.8      NA     NA
## 4083 2011-12-09 BadgerysCreek    13.5    24.1    11.2      NA     NA
## 4084 2011-12-10 BadgerysCreek    15.2    24.9     0.0      NA     NA
## 4085 2011-12-11 BadgerysCreek    14.5    28.1     0.0      NA     NA
## 4086 2011-12-12 BadgerysCreek    15.9    19.7    15.2      NA     NA
## 4087 2011-12-13 BadgerysCreek    15.7    22.9     3.4      NA     NA
## 4088 2011-12-14 BadgerysCreek    11.7    22.1     3.0      NA     NA
## 4089 2011-12-15 BadgerysCreek    14.3    23.4     0.0      NA     NA
## 4090 2011-12-16 BadgerysCreek    10.7    20.5     0.0      NA     NA
## 4091 2011-12-17 BadgerysCreek    14.7    23.4     0.0      NA     NA
## 4092 2011-12-18 BadgerysCreek    12.2    24.4     0.0      NA     NA
## 4093 2011-12-19 BadgerysCreek    16.2    24.0     1.8      NA     NA
## 4094 2011-12-20 BadgerysCreek    16.8    24.4    32.8      NA     NA
## 4095 2011-12-21 BadgerysCreek    17.0    24.8     0.0      NA     NA
## 4096 2011-12-22 BadgerysCreek    16.4    22.1     0.6      NA     NA
## 4097 2011-12-23 BadgerysCreek    17.3    26.6     5.8      NA     NA
## 4098 2011-12-24 BadgerysCreek    17.3    28.6     0.2      NA     NA
## 4099 2011-12-25 BadgerysCreek    16.0    29.4     0.2      NA     NA
## 4100 2011-12-26 BadgerysCreek    17.1    28.0     0.0      NA     NA
## 4101 2011-12-27 BadgerysCreek    18.6    23.8     0.8      NA     NA
## 4102 2011-12-28 BadgerysCreek    16.3    25.7     0.0      NA     NA
## 4103 2011-12-29 BadgerysCreek    14.1    25.2     0.0      NA     NA
## 4104 2011-12-30 BadgerysCreek    13.2    24.5     0.0      NA     NA
## 4105 2011-12-31 BadgerysCreek    12.0    24.9     0.0      NA     NA
## 4106 2012-01-01 BadgerysCreek    11.7    30.3     0.2      NA     NA
## 4107 2012-01-02 BadgerysCreek    13.6    29.9     0.0      NA     NA
## 4108 2012-01-03 BadgerysCreek    15.5    33.0     0.0      NA     NA
## 4109 2012-01-04 BadgerysCreek    17.9    35.0     0.0      NA     NA
## 4110 2012-01-05 BadgerysCreek    18.0    27.4     0.0      NA     NA
## 4111 2012-01-06 BadgerysCreek    17.8    21.9     1.8      NA     NA
## 4112 2012-01-07 BadgerysCreek    11.4    28.2     0.0      NA     NA
## 4113 2012-01-08 BadgerysCreek    17.0    31.4     0.0      NA     NA
## 4114 2012-01-09 BadgerysCreek    19.1    30.6     6.4      NA     NA
## 4115 2012-01-10 BadgerysCreek    14.6    29.5     0.2      NA     NA
## 4116 2012-01-11 BadgerysCreek    16.7    26.7     0.0      NA     NA
## 4117 2012-01-12 BadgerysCreek     8.9    24.1     0.0      NA     NA
## 4118 2012-01-13 BadgerysCreek     9.5    29.2     0.0      NA     NA
## 4119 2012-01-14 BadgerysCreek    17.0    21.6     0.8      NA     NA
## 4120 2012-01-15 BadgerysCreek    16.9    24.6    13.0      NA     NA
## 4121 2012-01-16 BadgerysCreek    16.8    25.6    10.6      NA     NA
## 4122 2012-01-17 BadgerysCreek    15.7    27.7     2.2      NA     NA
## 4123 2012-01-18 BadgerysCreek    17.3    30.8     0.2      NA     NA
## 4124 2012-01-19 BadgerysCreek    17.8    28.2     0.0      NA     NA
## 4125 2012-01-20 BadgerysCreek    18.4    27.8     0.0      NA     NA
## 4126 2012-01-21 BadgerysCreek    19.3    25.4     0.0      NA     NA
## 4127 2012-01-22 BadgerysCreek    17.3    25.8     4.2      NA     NA
## 4128 2012-01-23 BadgerysCreek    15.7    25.5     1.4      NA     NA
## 4129 2012-01-24 BadgerysCreek    15.3    24.0     1.0      NA     NA
```

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## 4130 2012-01-25 BadgerysCreek    18.9    24.2     6.8      NA      NA
## 4131 2012-01-26 BadgerysCreek    19.5    27.3    61.4      NA      NA
## 4132 2012-01-27 BadgerysCreek    19.2    23.9     8.0      NA      NA
## 4133 2012-01-28 BadgerysCreek    18.0    27.3      NA      NA      NA
## 4134 2012-01-29 BadgerysCreek    17.2    28.5     0.0      NA      NA
## 4135 2012-01-30 BadgerysCreek    20.9    32.8     1.6      NA      NA
## 4136 2012-01-31 BadgerysCreek    21.4    29.5     0.0      NA      NA
## 4137 2012-02-01 BadgerysCreek    15.8    19.0     4.0      NA      NA
## 4138 2012-02-02 BadgerysCreek    15.9    18.3     8.8      NA      NA
## 4139 2012-02-03 BadgerysCreek    15.6    20.3    20.4      NA      NA
## 4140 2012-02-04 BadgerysCreek    16.9    27.8    14.4      NA      NA
## 4141 2012-02-05 BadgerysCreek    15.4    30.9     0.0      NA      NA
## 4142 2012-02-06 BadgerysCreek    17.3    27.6     0.0      NA      NA
## 4143 2012-02-07 BadgerysCreek    17.4    21.1     0.0      NA      NA
## 4144 2012-02-08 BadgerysCreek    17.7    23.1     0.6      NA      NA
## 4145 2012-02-09 BadgerysCreek    17.1    24.7     1.0      NA      NA
## 4146 2012-02-10 BadgerysCreek    16.6    26.3    48.2      NA      NA
## 4147 2012-02-11 BadgerysCreek    16.8    25.4     7.0      NA      NA
## 4148 2012-02-12 BadgerysCreek    13.2    27.0     6.6      NA      NA
## 4149 2012-02-13 BadgerysCreek    16.4    26.2     0.2      NA      NA
## 4150 2012-02-14 BadgerysCreek    16.2    26.3     5.2      NA      NA
## 4151 2012-02-15 BadgerysCreek    15.0    27.1     0.2      NA      NA
## 4152 2012-02-16 BadgerysCreek    14.2    28.6     0.0      NA      NA
## 4153 2012-02-17 BadgerysCreek    14.8    29.4     0.0      NA      NA
## 4154 2012-02-18 BadgerysCreek    16.4    28.9     7.2      NA      NA
## 4155 2012-02-19 BadgerysCreek    17.5    29.6     0.0      NA      NA
## 4156 2012-02-20 BadgerysCreek    17.5    28.8    48.6      NA      NA
## 4157 2012-02-21 BadgerysCreek    17.5    26.6    14.6      NA      NA
## 4158 2012-02-22 BadgerysCreek    14.7    26.6     0.0      NA      NA
## 4159 2012-02-23 BadgerysCreek    14.0    30.1     0.0      NA      NA
## 4160 2012-02-24 BadgerysCreek    15.7    30.9     0.0      NA      NA
## 4161 2012-02-25 BadgerysCreek    14.4    29.2     0.0      NA      NA
## 4162 2012-02-26 BadgerysCreek    19.2    26.7     0.0      NA      NA
## 4163 2012-02-27 BadgerysCreek    20.4    32.1     0.0      NA      NA
## 4164 2012-02-28 BadgerysCreek    21.7    30.3     0.0      NA      NA
## 4165 2012-02-29 BadgerysCreek    19.7    20.9     6.2      NA      NA
## 4166 2012-03-01 BadgerysCreek    18.3    27.3    38.4      NA      NA
## 4167 2012-03-02 BadgerysCreek    16.8    18.9    10.0      NA      NA
## 4168 2012-03-03 BadgerysCreek    15.8    20.4    18.2      NA      NA
## 4169 2012-03-04 BadgerysCreek    16.8    28.2     1.8      NA      NA
## 4170 2012-03-05 BadgerysCreek    17.0    27.1     7.8      NA      NA
## 4171 2012-03-06 BadgerysCreek    16.9    24.3     0.0      NA      NA
## 4172 2012-03-07 BadgerysCreek    13.7    21.4     0.2      NA      NA
## 4173 2012-03-08 BadgerysCreek    14.0    21.0    67.8      NA      NA
## 4174 2012-03-09 BadgerysCreek    11.7    27.2     5.4      NA      NA
## 4175 2012-03-10 BadgerysCreek    12.9    27.1     0.0      NA      NA
## 4176 2012-03-11 BadgerysCreek    14.7    26.8     0.0      NA      NA
## 4177 2012-03-12 BadgerysCreek    15.9    25.4     0.0      NA      NA
## 4178 2012-03-13 BadgerysCreek    13.9    27.5     0.0      NA      NA
## 4179 2012-03-14 BadgerysCreek    14.6    27.5     0.0      NA      NA
## 4180 2012-03-15 BadgerysCreek    18.4    28.6     0.0      NA      NA
## 4181 2012-03-16 BadgerysCreek    19.3    29.6     0.0      NA      NA
## 4182 2012-03-17 BadgerysCreek    18.6    21.0    39.2      NA      NA
## 4183 2012-03-18 BadgerysCreek    14.6    23.3     2.0      NA      NA
```

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## 4184 2012-03-19 BadgerysCreek    14.9    23.4     0.4      NA      NA
## 4185 2012-03-20 BadgerysCreek    15.6    24.9     1.8      NA      NA
## 4186 2012-03-21 BadgerysCreek    17.6    27.0     0.0      NA      NA
## 4187 2012-03-22 BadgerysCreek    16.6    18.9     0.0      NA      NA
## 4188 2012-03-23 BadgerysCreek    14.2    24.6     3.6      NA      NA
## 4189 2012-03-24 BadgerysCreek     8.1    23.9     0.0      NA      NA
## 4190 2012-03-25 BadgerysCreek    10.5    22.2     0.0      NA      NA
## 4191 2012-03-26 BadgerysCreek    13.2    25.0     0.0      NA      NA
## 4192 2012-03-27 BadgerysCreek    15.2    26.9     0.0      NA      NA
## 4193 2012-03-28 BadgerysCreek    16.9    23.7     0.0      NA      NA
## 4194 2012-03-29 BadgerysCreek    13.8    27.4     1.2      NA      NA
## 4195 2012-03-30 BadgerysCreek    12.9    26.1     0.2      NA      NA
## 4196 2012-03-31 BadgerysCreek    11.9    27.8     0.0      NA      NA
## 4197 2012-04-01 BadgerysCreek    11.7    28.0     0.0      NA      NA
## 4198 2012-04-02 BadgerysCreek    14.4    26.6     6.0      NA      NA
## 4199 2012-04-03 BadgerysCreek    12.5    28.7     0.2      NA      NA
## 4200 2012-04-04 BadgerysCreek    14.6    27.7     0.0      NA      NA
## 4201 2012-04-05 BadgerysCreek    15.4    27.4     0.0      NA      NA
## 4202 2012-04-06 BadgerysCreek    14.4    25.9     0.0      NA      NA
## 4203 2012-04-07 BadgerysCreek    13.4    28.5     0.0      NA      NA
## 4204 2012-04-08 BadgerysCreek    16.8    23.4     0.0      NA      NA
## 4205 2012-04-09 BadgerysCreek     8.4    23.7     0.0      NA      NA
## 4206 2012-04-10 BadgerysCreek     7.4    18.5     0.6      NA      NA
## 4207 2012-04-11 BadgerysCreek     8.2    20.7     0.2      NA      NA
## 4208 2012-04-12 BadgerysCreek    11.6    22.8     0.0      NA      NA
## 4209 2012-04-13 BadgerysCreek     7.2    25.3     0.2      NA      NA
## 4210 2012-04-14 BadgerysCreek    10.0    25.8     0.0      NA      NA
## 4211 2012-04-15 BadgerysCreek    12.6    26.3     0.0      NA      NA
## 4212 2012-04-16 BadgerysCreek    11.7    25.0     0.0      NA      NA
## 4213 2012-04-17 BadgerysCreek    14.1    20.9     0.0      NA      NA
## 4214 2012-04-18 BadgerysCreek    16.0    19.4    31.8      NA      NA
## 4215 2012-04-19 BadgerysCreek    16.9    25.2    82.4      NA      NA
## 4216 2012-04-20 BadgerysCreek    14.1    26.6     0.6      NA      NA
## 4217 2012-04-21 BadgerysCreek    15.3    25.7     0.0      NA      NA
## 4218 2012-04-22 BadgerysCreek    12.7    19.8     1.2      NA      NA
## 4219 2012-04-23 BadgerysCreek    14.9    18.3     1.6      NA      NA
## 4220 2012-04-24 BadgerysCreek    13.1    23.1     4.2      NA      NA
## 4221 2012-04-25 BadgerysCreek     5.8    19.3     0.4      NA      NA
## 4222 2012-04-26 BadgerysCreek    10.0    21.1     0.0      NA      NA
## 4223 2012-04-27 BadgerysCreek     9.1    22.4     0.0      NA      NA
## 4224 2012-04-28 BadgerysCreek    10.4    22.9     0.0      NA      NA
## 4225 2012-04-29 BadgerysCreek     9.3    18.3     0.0      NA      NA
## 4226 2012-04-30 BadgerysCreek     8.4    20.4     0.0      NA      NA
## 4227 2012-05-01 BadgerysCreek     7.6    22.2     0.0      NA      NA
## 4228 2012-05-02 BadgerysCreek     7.1    23.9     0.0      NA      NA
## 4229 2012-05-03 BadgerysCreek    10.1    22.0     1.0      NA      NA
## 4230 2012-05-04 BadgerysCreek     8.1    20.4     0.0      NA      NA
## 4231 2012-05-05 BadgerysCreek     7.5    21.1     0.0      NA      NA
## 4232 2012-05-06 BadgerysCreek     3.9    20.3     0.0      NA      NA
## 4233 2012-05-07 BadgerysCreek     5.7    18.6     0.0      NA      NA
## 4234 2012-05-08 BadgerysCreek     4.5    23.5     0.0      NA      NA
## 4235 2012-05-09 BadgerysCreek     4.8    25.0     0.0      NA      NA
## 4236 2012-05-10 BadgerysCreek     7.3    27.1     0.0      NA      NA
## 4237 2012-05-11 BadgerysCreek     9.3    27.0     0.0      NA      NA
```

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## 4238 2012-05-12 BadgerysCreek    8.5   19.6    0.0    NA    NA
## 4239 2012-05-13 BadgerysCreek    8.1   17.4    0.0    NA    NA
## 4240 2012-05-14 BadgerysCreek    2.8   17.3    0.0    NA    NA
## 4241 2012-05-15 BadgerysCreek    4.0   19.1    0.0    NA    NA
## 4242 2012-05-16 BadgerysCreek    5.9   20.1    0.0    NA    NA
## 4243 2012-05-17 BadgerysCreek    4.1   19.9    0.2    NA    NA
## 4244 2012-05-18 BadgerysCreek    4.2   21.5    0.0    NA    NA
## 4245 2012-05-19 BadgerysCreek    2.4   21.4    0.2    NA    NA
## 4246 2012-05-20 BadgerysCreek    6.0   19.2    0.0    NA    NA
## 4247 2012-05-21 BadgerysCreek    6.1   19.9    0.0    NA    NA
## 4248 2012-05-22 BadgerysCreek    2.1   20.4    0.2    NA    NA
## 4249 2012-05-23 BadgerysCreek    1.0   20.8    0.0    NA    NA
## 4250 2012-05-24 BadgerysCreek    1.5   12.6    0.0    NA    NA
## 4251 2012-05-25 BadgerysCreek    8.4   17.6   11.4    NA    NA
## 4252 2012-05-26 BadgerysCreek    3.1   17.0    0.0    NA    NA
## 4253 2012-05-27 BadgerysCreek    3.7   18.1    0.0    NA    NA
## 4254 2012-05-28 BadgerysCreek    6.1   18.4    0.0    NA    NA
## 4255 2012-05-29 BadgerysCreek    8.4   18.4    0.0    NA    NA
## 4256 2012-05-30 BadgerysCreek    6.6   19.3    0.0    NA    NA
## 4257 2012-05-31 BadgerysCreek    7.7   20.1    0.0    NA    NA
## 4258 2012-06-01 BadgerysCreek    9.0   18.3    0.0    NA    NA
## 4259 2012-06-02 BadgerysCreek   11.7   16.8    0.6    NA    NA
## 4260 2012-06-03 BadgerysCreek   12.7   15.3   16.0    NA    NA
## 4261 2012-06-04 BadgerysCreek    9.3   19.5    0.2    NA    NA
## 4262 2012-06-05 BadgerysCreek    5.6   14.2    0.0    NA    NA
## 4263 2012-06-06 BadgerysCreek    9.3   13.7   13.2    NA    NA
## 4264 2012-06-07 BadgerysCreek    6.1   16.9    0.2    NA    NA
## 4265 2012-06-08 BadgerysCreek    1.3   16.9    0.2    NA    NA
## 4266 2012-06-09 BadgerysCreek    1.8   17.2    0.0    NA    NA
## 4267 2012-06-10 BadgerysCreek    4.8   15.8    0.2    NA    NA
## 4268 2012-06-11 BadgerysCreek   10.0   13.2   11.6    NA    NA
## 4269 2012-06-12 BadgerysCreek   10.3   18.4   30.8    NA    NA
## 4270 2012-06-13 BadgerysCreek    9.3   17.3    4.6    NA    NA
## 4271 2012-06-14 BadgerysCreek    8.5   18.2    0.8    NA    NA
## 4272 2012-06-15 BadgerysCreek    6.7   20.4    0.0    NA    NA
## 4273 2012-06-16 BadgerysCreek    5.8   11.9    0.2    NA    NA
## 4274 2012-06-17 BadgerysCreek    4.9   17.2    6.8    NA    NA
## 4275 2012-06-18 BadgerysCreek    2.8   17.8    0.0    NA    NA
## 4276 2012-06-19 BadgerysCreek    2.2   18.4    0.0    NA    NA
## 4277 2012-06-20 BadgerysCreek    1.4   15.8    0.0    NA    NA
## 4278 2012-06-21 BadgerysCreek    0.3   17.4    0.0    NA    NA
## 4279 2012-06-22 BadgerysCreek    4.3   16.2    0.0    NA    NA
## 4280 2012-06-23 BadgerysCreek    2.2   16.1    0.0    NA    NA
## 4281 2012-06-24 BadgerysCreek    0.4   17.4    0.0    NA    NA
## 4282 2012-06-25 BadgerysCreek   -0.3   18.8    0.0    NA    NA
## 4283 2012-06-26 BadgerysCreek    4.4   13.3    0.0    NA    NA
## 4284 2012-06-27 BadgerysCreek    6.4   16.1    0.8    NA    NA
## 4285 2012-06-28 BadgerysCreek    5.6   17.4    0.0    NA    NA
## 4286 2012-06-29 BadgerysCreek    7.6   19.8    0.0    NA    NA
## 4287 2012-06-30 BadgerysCreek    2.3   18.7    0.0    NA    NA
## 4288 2012-07-01 BadgerysCreek    2.8   15.6    0.0    NA    NA
## 4289 2012-07-02 BadgerysCreek   -0.2   15.3    0.0    NA    NA
## 4290 2012-07-03 BadgerysCreek    1.0   15.5    0.0    NA    NA
## 4291 2012-07-04 BadgerysCreek    4.6   15.8    0.0    NA    NA
```

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## 4292 2012-07-05 BadgerysCreek    5.5   15.3   0.0   NA   NA
## 4293 2012-07-06 BadgerysCreek    8.1   16.1   1.2   NA   NA
## 4294 2012-07-07 BadgerysCreek    4.3   16.8   0.0   NA   NA
## 4295 2012-07-08 BadgerysCreek    5.9   18.2   0.0   NA   NA
## 4296 2012-07-09 BadgerysCreek    2.1   17.7   0.0   NA   NA
## 4297 2012-07-10 BadgerysCreek    3.3   13.8   0.0   NA   NA
## 4298 2012-07-11 BadgerysCreek    6.7   19.6   8.0   NA   NA
## 4299 2012-07-12 BadgerysCreek    6.3   13.6   0.2   NA   NA
## 4300 2012-07-13 BadgerysCreek    7.3   21.9   2.0   NA   NA
## 4301 2012-07-14 BadgerysCreek    4.5   18.9   0.0   NA   NA
## 4302 2012-07-15 BadgerysCreek    2.4   17.3   0.0   NA   NA
## 4303 2012-07-16 BadgerysCreek    2.8   20.0   0.0   NA   NA
## 4304 2012-07-17 BadgerysCreek    1.4   19.9   0.0   NA   NA
## 4305 2012-07-18 BadgerysCreek    2.0   18.5   0.0   NA   NA
## 4306 2012-07-19 BadgerysCreek    3.8   15.7   0.0   NA   NA
## 4307 2012-07-20 BadgerysCreek    1.9   16.8   0.0   NA   NA
## 4308 2012-07-21 BadgerysCreek    5.7   16.5   0.0   NA   NA
## 4309 2012-07-22 BadgerysCreek    6.4   17.6   0.0   NA   NA
## 4310 2012-07-23 BadgerysCreek    8.5   15.6   3.6   NA   NA
## 4311 2012-07-24 BadgerysCreek    8.9   15.3   2.0   NA   NA
## 4312 2012-07-25 BadgerysCreek    4.5   17.8   0.2   NA   NA
## 4313 2012-07-26 BadgerysCreek    5.3   18.4   0.0   NA   NA
## 4314 2012-07-27 BadgerysCreek    2.3   17.1   0.6   NA   NA
## 4315 2012-07-28 BadgerysCreek    2.6   16.8   0.0   NA   NA
## 4316 2012-07-29 BadgerysCreek    2.6   16.8   0.0   NA   NA
## 4317 2012-07-30 BadgerysCreek    4.4   15.7   0.0   NA   NA
## 4318 2012-07-31 BadgerysCreek    2.4   15.2   0.0   NA   NA
## 4319 2012-08-01 BadgerysCreek    3.2   15.8   0.0   NA   NA
## 4320 2012-08-02 BadgerysCreek    2.9   16.9   0.0   NA   NA
## 4321 2012-08-03 BadgerysCreek    1.8   18.0   0.0   NA   NA
## 4322 2012-08-04 BadgerysCreek   -0.9   19.9   0.0   NA   NA
## 4323 2012-08-05 BadgerysCreek   -0.6   21.9   0.0   NA   NA
## 4324 2012-08-06 BadgerysCreek    6.3   17.9   0.0   NA   NA
## 4325 2012-08-07 BadgerysCreek   -0.7   18.0   0.0   NA   NA
## 4326 2012-08-08 BadgerysCreek   -1.1   21.0   0.0   NA   NA
## 4327 2012-08-09 BadgerysCreek    4.7   18.9   0.0   NA   NA
## 4328 2012-08-10 BadgerysCreek    5.4   17.7   0.0   NA   NA
## 4329 2012-08-11 BadgerysCreek    7.2   17.6   0.0   NA   NA
## 4330 2012-08-12 BadgerysCreek    9.5   16.0   0.0   NA   NA
## 4331 2012-08-13 BadgerysCreek    5.7   18.5   0.0   NA   NA
## 4332 2012-08-14 BadgerysCreek    0.5   19.5   0.0   NA   NA
## 4333 2012-08-15 BadgerysCreek    0.9   23.8   0.0   NA   NA
## 4334 2012-08-16 BadgerysCreek    4.9   19.7   0.0   NA   NA
## 4335 2012-08-17 BadgerysCreek    1.1   21.0   0.0   NA   NA
## 4336 2012-08-18 BadgerysCreek    6.2   17.8   0.0   NA   NA
## 4337 2012-08-19 BadgerysCreek    5.7   19.9   0.0   NA   NA
## 4338 2012-08-20 BadgerysCreek    0.8   18.6   0.0   NA   NA
## 4339 2012-08-21 BadgerysCreek    4.1   21.1   0.0   NA   NA
## 4340 2012-08-22 BadgerysCreek    4.0   24.9   0.0   NA   NA
## 4341 2012-08-23 BadgerysCreek    7.8   28.8   0.0   NA   NA
## 4342 2012-08-24 BadgerysCreek    9.6   18.9   3.0   NA   NA
## 4343 2012-08-25 BadgerysCreek    4.1   19.7   0.0   NA   NA
## 4344 2012-08-26 BadgerysCreek    2.8   19.6   0.2   NA   NA
## 4345 2012-08-27 BadgerysCreek    0.6   19.1   0.0   NA   NA
```

```
## 4346 2012-08-28 BadgerysCreek      1.0   20.0      NA      NA      NA
## 4347 2012-08-29 BadgerysCreek      2.0   21.5      NA      NA      NA
##      WindGustDir WindGustSpeed WindDir9am WindDir3pm WindSpeed9am WindSpeed3pm
## 1            W            44          W        WNW           20           24
## 2          WNW            44        NNW        WSW            4           22
## 3          WSW            46          W        WSW           19           26
## 4           NE            24         SE          E           11            9
## 5            W            41        ENE         NW            7           20
## 6          WNW            56          W          W           19           24
## 7            W            50         SW          W           20           24
## 8            W            35        SSE          W            6           17
## 9          NNW            80         SE         NW            7           28
## 10           W            28          S        SSE           15           11
## 11           N            30        SSE        ESE           17            6
## 12         NNE            31         NE        ENE           15           13
## 13           W            61        NNW        NNW           28           28
## 14          SW            44          W        SSW           24           20
## 15        <NA>            NA          S        WNW            4           30
## 16         WNW            50       <NA>        WNW           NA           22
## 17         ENE            22        SSW          E           11            9
## 18           W            63          N        WNW            6           20
## 19         SSE            43        WSW         SW           24           17
## 20         SSE            26         SE        NNW           17            6
## 21           S            24         SE         SE            9            9
## 22          NE            43         NE          N           17           22
## 23         WNW            41          W          W           19           20
## 24           N            33        ESE         NW            6           13
## 25           W            43          E          W            4           19
## 26         WSW            35         SE        WSW            9           13
## 27         WSW            57       <NA>          W            0           26
## 28         WNW            48          N        WNW           13           30
## 29         WNW            46         NW        WSW           19           30
## 30         WNW            50        WSW         SW           11           22
## 31           W            39        WNW        WNW           17           17
## 32         WNW            56          W        WNW           19           31
## 33           W            41        WSW        SSW           19           11
## 34         SSE            26        SSE          E           11            7
## 35         WNW            37        SSE         NW            6           17
## 36         WNW            41        ENE         NW            6           26
## 37           W            52         SE        WNW            4           26
## 38           W            57          E          W            6           30
## 39           W            48          W        WSW           17           24
## 40          NE            37        SSE          S           20            9
## 41          NE            37        NNE          E           15           11
## 42           S            31        SSE          N           13           17
## 43          SW            35         SE        WSW            7           15
## 44         NNW            35         SE         NW            7           17
## 45          NW            39        SSE        SSW            7           17
## 46         WNW            44          W          W           20           28
## 47          SW            56        WSW         SW           20           31
## 48          SE            33         SE         SW           19           11
## 49         WNW            28        ENE        SSW           17           15
## 50         WNW            39        SSE        NNE            2           15
## 51         NNW            61        SSE        WNW            9           20
```

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```
## 52      NNW       61      NE     WSW      15      17
## 53       NW       98       N     NNW      26      48
## 54      WNW       52       S      NW       6      28
## 55        W       54       W       W      30      28
## 56      WSW       24     ESE     SSE       7      13
## 57        S       33     SSE     WSW       7       7
## 58      NNE       31      SE     NNW       9      17
## 59        N       37       E     NNE       7      13
## 60       SW       24     ESE       S       6      11
## 61      NNE       28     ESE      SE       9      11
## 62      ESE       48     ESE      SW       4       4
## 63       SW       83      SE       E      15       9
## 64       SW       56      NE      NW      19       7
## 65     <NA>       NA       N    <NA>      13       9
## 66     <NA>       NA    <NA>    <NA>      11      11
## 67      WSW       35     SSE       S       7      19
## 68        W       37      SE       W       6      15
## 69      NNW       59      SE      NW       9      33
## 70       NW       52       N       W       9      22
## 71       SE       37      SW     WSW       7      11
## 72      SSE       41     SSE      SE      20      13
## 73      SSE       46     SSE       E      19      11
## 74       SE       46     SSE      NE      11      15
## 75      SSE       41      SE     SSE      26      24
## 76       NE       39       S    <NA>       7       0
## 77      NNE       41     SSE     SSW       7      15
## 78        E       35      SE     ESE      17      11
## 79        N       31     SSE     ENE       7      11
## 80       NW       31     ENE      SW       4      13
## 81      WSW       48      SE     WSW       4      22
## 82      SSW       41     NNW     SSE       7      17
## 83      SSE       28     SSE       S       2       9
## 84       NW       31       S     WNW      11      15
## 85       NW       70      SE      NW       6      22
## 86      WNW       46      SW     WNW       7      24
## 87      WNW       43    <NA>     WSW       0      17
## 88      ESE       26     ESE       S      15       2
## 89        W       24    <NA>       S       0       6
## 90      WSW       44       E    <NA>       6      NA
## 91        W       30       W     WSW       4      13
## 92      NNW       35       S     ENE       6       9
## 93      WNW       52      NE     NNE      15      26
## 94      WNW       57       W     WNW      26      33
## 95       SW       50     WSW       W      19      33
## 96      WSW       30    <NA>     WNW       0      13
## 97        W       37       S       W       4      20
## 98      SSE       24       E     SSE       7      11
## 99      NNE       24     SSE      NE       6      17
## 100      NE       50     ESE       E       2       4
## 101      NE       44      NE       N      15      19
## 102       W       37     ENE       S      11       9
## 103     ENE       31    <NA>       S       0      13
## 104      SW       69       E       N       9      22
## 105     WNW       39       W      NW      11      17
```

```
## 106      W    39    S     WNW     2    20
## 107    WNW    35    SSE   WSW     9    17
## 108     NW    52    SSE   NW      6    11
## 109    WSW    24    S     SW      6     7
## 110    SSE    22    NE    N       7     7
## 111    NNW    28  <NA>    NNE     0    11
## 112     NE    37    E     NNE     4    19
## 113     NW    37  <NA>    WNW     0    24
## 114      S    48    SSE   WNW     6    20
## 115    ENE    30    SSE   SSE    11     9
## 116    WSW    33  <NA>    WNW     0    20
## 117    WNW    43  <NA>    W       0    11
## 118    NNW    24    N     N       2    17
## 119      S    22  <NA>    SE      0     6
## 120    ENE    22  <NA>    SE      0     9
## 121    WSW    26    S     SSW     2    13
## 122     SE    22  <NA>    ENE     0     6
## 123     NE    28  <NA>    ENE     0    11
## 124      W    98    E     NNE     7    17
## 125      W    43  <NA>    WSW     0    13
## 126    WSW    31    E     NW      6    19
## 127      W    35    SSE   WSW    13    19
## 128     SE    28    S     S       7     7
## 129    SSE    17    SSE   SSE     7    13
## 130    ENE    22    ESE   S       9    13
## 131      W    48    SE    NE      6    11
## 132      W    46    S     E       6    11
## 133    WSW    20  <NA>    SE      0     6
## 134    NNE    19    ENE   SSW     4     7
## 135    WNW    30  <NA>    W       0    15
## 136      W    63    NW    W      26    31
## 137      W    31  <NA>    WNW     0    13
## 138    WNW    26    ENE   W       6    11
## 139      W    24    SSE   W       2    17
## 140     SE    31    SE    SE     13    15
## 141    SSE    28    SE    SE      2     7
## 142    ESE    17    ENE   SSE     6     7
## 143    ESE    17  <NA>    SW      0     7
## 144     NE    33  <NA>    NE      0    20
## 145    WNW    39    ESE   NNE     7     4
## 146      W    70    WNW   NNW    19    15
## 147    NNW    63    NW    WNW    26    31
## 148     NW    26    N     NNW     9    13
## 149    WNW    35    W     W      15    20
## 150    SSE    19    SE    SSE     9     7
## 151     SW    19  <NA>    SW      0     7
## 152     SW    19  <NA>    WSW     0     7
## 153     SW    22    ENE   W       7     6
## 154      S    15    N     SSE     4     7
## 155      W    19    ENE   WSW     6    13
## 156    ESE    15  <NA>    SE      0     7
## 157     SW    20    ENE   WNW     6     7
## 158     SW    20    SE    WNW     6    11
## 159      W    15  <NA>    W       0     9
```

```
## 160          W          17      <NA>      WSW        0        7
## 161         SE          17      <NA>       SE         0        7
## 162        ESE          15       NNW        S         6        7
## 163          W          26       ENE       WNW        4       17
## 164        WNW          28        SE        W          4       17
## 165        WNW          35       WNW       WNW        17       19
## 166        WNW          54        NW        NW        13       19
## 167          W          52        W        WSW        22       24
## 168          W          20        E         E          6        9
## 169          E          13      <NA>       ENE        0        4
## 170        SSE          19      <NA>       SSE        0       11
## 171          E          13       SSE       ENE        2        9
## 172         SE          20      <NA>       SE         0        7
## 173         SE          24        S         SE        4       19
## 174          E          30        NE        SE        6        9
## 175         SE          20      <NA>       SE         0       11
## 176         NE          31        SE        NE        9       22
## 177          E          19        E        SSE        2        6
## 178          W          20      <NA>       WSW        0       11
## 179        SSE          13      <NA>        S         0        2
## 180        ESE          33      <NA>       SE         0       19
## 181         SE          26      <NA>       SE         0       15
## 182         NW          44      <NA>       SE         0        9
## 183         SE          13      <NA>      <NA>        0        0
## 184         SE          13      <NA>       ESE        0        7
## 185         SE          13       ENE       SE         6        9
## 186        ENE          13        NW        E          2        4
## 187          W          20       NNE        W          4       11
## 188        ESE          11        E        <NA>        4        0
## 189        NNW          30       NNW       NNW        6       17
## 190        WNW          33       WNW       WNW        9       26
## 191          W          43       NNW       WNW        13       13
## 192        WNW          37        W        WSW        15       22
## 193         SE          13      <NA>       ESE        0        6
## 194        ESE          15        E        SSE        6        6
## 195        ENE          28        E         NE        4       15
## 196        NNE          24      <NA>       NE         0       11
## 197        ESE          13       NNE      <NA>        2        0
## 198         SE          17      <NA>       ESE        0        6
## 199        WSW          13      <NA>        W         0        2
## 200          N          11        N        <NA>        6        0
## 201        ESE          13        NE        SE        6        6
## 202        NNE          28        NE        NE        4       17
## 203        ENE          46        NW        ENE        4       20
## 204         SE          19        SE        ENE        4        6
## 205          W          35       ENE       SSE        11        7
## 206        ESE          41        ESE       SE        7        9
## 207        NNW          24        ESE       N          2       13
## 208         SE          46        ESE      ESE        7        9
## 209        SSE          22        SE        SE        7        6
## 210          W          22       WSW       NNW        9       11
## 211         NE          26        NE        NNE        9       15
## 212         NW          72        NE        NE        11       19
## 213         NW          52        N         NW        20       22
```

```
## 214     WNW        54       NW     WNW        19        19
## 215       W        61        W     WSW        17        22
## 216     WNW        39      WNW     WNW        15        24
## 217       W        31        W       W         9        15
## 218     ENE        19      NNE     WSW         7         7
## 219       E        19     <NA>     ENE         0         7
## 220       E        17     <NA>     ESE         0         7
## 221     ESE        13     <NA>      SE         0         7
## 222       E        13     <NA>     SSE         0         9
## 223      NE        24     <NA>      NE         0        13
## 224     NNW        33      SSE     NNW         7        19
## 225     WNW        41        N     NNW        13        11
## 226       W        30        N     SSW         9         9
## 227     WSW        22      ENE    <NA>         4         0
## 228     WNW        24     <NA>     WSW         0         9
## 229       N        17      NNE      SW         4         6
## 230       N        20     <NA>       N         0        11
## 231     NNE        24      ESE      NE         7        11
## 232      NW        39     <NA>       N         0        19
## 233       N        43      ENE     ENE         4        17
## 234       W        44      ENE     NNW         7        20
## 235     WNW        26        W       W        13        17
## 236      NW        22     <NA>     NNW         0        15
## 237      NE        20     <NA>      NE         0         9
## 238     SSE        13     <NA>       E         0         2
## 239       N        20      ENE     NNW         6         9
## 240     WNW        31       NW     WNW        11        11
## 241     WNW        24       NW     WSW        11         9
## 242     NNW        22     <NA>     WNW         0         9
## 243       W        35        W     WSW        19        22
## 244       W        30     <NA>     WNW         0        15
## 245     NNW        30       SW     NNW         2        17
## 246     NNW        37        W     WNW        20        15
## 247     SSE        17     <NA>     ENE         0         4
## 248     NNE        19      ENE       S         7         7
## 249       N        35     <NA>      NE         0        19
## 250     WNW        57      WNW     WSW        35        33
## 251     WNW        24        E     WSW         6         6
## 252     ESE        15        S       E         2         7
## 253      SE        20      SSE      SE         4        11
## 254     NNE        43        E     NNW        19        22
## 255       W        24      SSE      NW         6        13
## 256      NW        22       NW       N         6        13
## 257     WSW        22     <NA>     WNW         0        13
## 258     NNE        24       SE      NE         7        13
## 259       W        39       NE     ENE        11        11
## 260     WNW        37        W     WNW        20        19
## 261     WNW        15     <NA>       S         0         6
## 262       E        17       NE       S         7         7
## 263       N        22      ESE       N         6        13
## 264     WNW        59      NNE     WSW        26        30
## 265      NE        26       SE     NNE         9        13
## 266     NNE        26      ENE     NNE         7        11
## 267     WNW        63      NNW      NW        26        22
```

```
## 268          W      85        W      NW     15     20
## 269         NW      43      NNW      NW     13     30
## 270          N      30      ENE       N     11     19
## 271        NNW      24      ESE       E      7     11
## 272          W      59       NE       W     20     19
## 273        WNW      56        W       W     26     20
## 274         NW      39       NW      NW     19     22
## 275        WNW      24      WNW       W      7     15
## 276        ESE      24      ESE       E      9      9
## 277         NE      43       SE      NE      4     24
## 278         NW      35      ESE     WNW      6     13
## 279        WNW      30      ESE      NW      4     11
## 280         NE      37       SE      NE      9     20
## 281          W      41      ENE       W      9     30
## 282          W      46        W     WSW      7     30
## 283          W      35        W     WNW     17     22
## 284       <NA>      NA        E     WNW      6     13
## 285          N      31       SE     NNE      7     19
## 286         NE      39       SE      NE      6     22
## 287        NNE      35        E     WNW      9     11
## 288         SW      24       NE     NNW      2      6
## 289          S      20      ESE       S      6      7
## 290          E      17        E     ESE      7      9
## 291        WNW      24        E      NW      6      2
## 292        WNW      46     <NA>    <NA>      0      0
## 293        NNW      22       NE     WNW      6     11
## 294          W      33     <NA>       W      0     20
## 295         NE      43      ESE     ENE      9     15
## 296        NNE      50      NNW       N     17     13
## 297          W      56        W     WSW     26     30
## 298         NW      41      WNW      NW      9     24
## 299        NNW      44      NNE       N     22     13
## 300        WNW      56      WNW       W     37     24
## 301          W      61      WNW       W     35     37
## 302          W      43        W       W     17     24
## 303         NW      19        E     WNW      6     11
## 304        NNW      35        E     NNE      7     17
## 305        SSW      28        N       S      6      9
## 306         SE      30        S     SSW      4     11
## 307        SSE      31      ESE     ESE     17     11
## 308        NNE      20     <NA>      SE      0      9
## 309          W      35     <NA>      SW      0     20
## 310         SE      37      ENE     SSE      6     15
## 311          S      35     <NA>     SSW      0     15
## 312        ESE      39        E      SE      6     13
## 313        SSE      33      ESE       S     11      9
## 314         SE      22       SE       S     17      9
## 315          W      48       SE     NNE      7     17
## 316          W      59      SSE      NE      9     20
## 317          N      50        N      NW     17     30
## 318          W      65      WNW       W     26     30
## 319        WNW      50       NW     WSW     15     22
## 320          W      39        W     WNW     15     19
## 321        WSW      28       SE       W      6     13
```

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```
## 322      NW    24   SSW   ESE     6    9
## 323      NE    19   WSW    NW     4    6
## 324     NNW    30    SE     S     7   17
## 325     SSE    20   ESE   SSE     7   15
## 326     WSW    24    SE   SSE     9   13
## 327     WNW    35   ENE    SW     2   13
## 328     WSW    30     E     W     9   13
## 329      SE    63   WSW   WSW     2   13
## 330      SE    35    SE   SSE    20   15
## 331     ENE    26     S   NNE     7    9
## 332       W    19    SE    SE     4    9
## 333     NNW    31    SE     N     9   20
## 334     WSW    22    SE     S    11   11
## 335     SSE    20     E    SE    11   11
## 336     WNW    33    SE    SE     9   17
## 337       S    20    SE    SE     9    9
## 338       W    46     W     W    24   20
## 339     WNW    39   WSW   WNW     7   19
## 340      NE    44    SE    SE     7   26
## 341     SSE    28    SE     S    11   15
## 342       S    22    SE     S     6   15
## 343     SSE    28    SE     E     4    9
## 344     WSW    37   ESE   SSE     7   13
## 345      SW    33    SE    SW     7   11
## 346     ESE    26   SSE    SE     4   13
## 347     WSW    43     E    SW     2   28
## 348      SE    31    SE   SSE    19   17
## 349       W    46   SSE   SSW    13   11
## 350       W    35   ENE     W     6   22
## 351       W    54   SSE     S     4   13
## 352     SSE    30   SSE   SSE    19    9
## 353       N    24     S     W     9    9
## 354      NW    37   NNE   WNW    17   22
## 355      NW    78   SSE   WNW     4   13
## 356      NE    37    NE   SSE     9    9
## 357     NNW    61  <NA>     W     0   46
## 358       W    24   WSW     S     7    9
## 359     WNW    30   SSE     S     7    7
## 360      SE    24     S     S     4    7
## 361       N    78    SE   WNW    13   39
## 362       N    24    NE  <NA>    11    0
## 363       W    52   WNW    NW    24   24
## 364     WNW    46   WSW   WNW     6   19
## 365      SE    50   SSE    SE     9   24
## 366       E    37    SE    SE    24   22
## 367     WNW    39   SSE   WSW     7    9
## 368       W    50     S   NNW     6   17
## 369     WSW    44    SW    SW    11   20
## 370       W    37    SE   WSW     2   24
## 371       W    28    NE     W     4   13
## 372       W    39   ENE    NW     6   28
## 373      SW    54   WSW    SW    13   28
## 374     WNW    30   SSW    NW     6   15
## 375       W    52    SE     W     6   19
```

```
## 376   SW     41   WSW    SW     19   20
## 377   WSW    39   ENE    SW      4   15
## 378   SW     43   SSE    WSW     2   24
## 379   SSE    28   SSE    SSE    13   15
## 380   SSW    28   SE     S       7   19
## 381   NNW    39   SSE    NNE     9   20
## 382   NW    107   S      WNW     9   50
## 383   W      41   NW     W      11   17
## 384   WSW    37   SSE    WSW     2   20
## 385   NNW    31   SSE    ESE     7    7
## 386   NW     39   ESE    NW      6   22
## 387   WSW    39   ENE    SW     11   19
## 388   E      37   SE     N      11   11
## 389   NNE    63   N      NNW    31   20
## 390   SE     31   <NA>   NNE     0    6
## 391   N      33   SSE    NW     17    7
## 392   ENE    24   S      NE     11   15
## 393   SE     33   SW     WSW     6   11
## 394   SSE    31   ENE    NE      4    9
## 395   N      33   S      NE      4   15
## 396   N      44   ENE    NE     15   20
## 397   NNE    39   NW     WNW     9    9
## 398   W      56   S      W       6   28
## 399   W      30   SSW    SW      9   19
## 400   SW     30   ENE    NNW    11    9
## 401   W      46   E      NW      4   17
## 402   WNW    41   ENE    W       2   26
## 403   SSE    28   NE     <NA>    9   NA
## 404   N      30   SE     WNW     6   13
## 405   W      41   ESE    W       7   22
## 406   WSW    41   E      SW      9   15
## 407   NE     30   SE     NNW    11    9
## 408   NNW    74   S      NNW     7   33
## 409   SW     44   WSW    WNW    13   11
## 410   SSW    35   SSE    SSE    15   19
## 411   NNW    33   SE     NE     11   13
## 412   W      46   N      W      22   30
## 413   WNW    57   W      W      20   35
## 414   SW     52   W      WSW    22   30
## 415   W      50   W      WSW     6   30
## 416   W      48   SSE    WNW     2   19
## 417   W      56   SE     WNW     2   22
## 418   NNW    69   SE     NNW     7   31
## 419   WSW    43   WNW    W      20   19
## 420   SSW    28   SSE    WNW     6   15
## 421   WNW    35   E      WSW     6   17
## 422   WSW    39   <NA>   WSW     0   17
## 423   W      43   S      WSW     7   15
## 424   NW     35   SE     WNW     2   22
## 425   SSE    35   SE     NNE     2    7
## 426   NE     46   SSE    NW     15    9
## 427   NE     44   ENE    E      22   15
## 428   E      67   S      SSE     4   15
## 429   ENE    39   SSE    NE      7    9
```

```
## 430      E    57   SSE   ESE    15    17
## 431    NNW    44   ENE  <NA>    19    NA
## 432     SE    33     S   SSW     9    13
## 433     SE    43    SE    SE    20    22
## 434     SE    37    SE     E    19     6
## 435    NNW    37   ESE   ESE     7    11
## 436   <NA>    NA   ENE    SW     6    11
## 437    SSW    46  <NA>     S    NA    15
## 438   <NA>    NA   SSE     E     9     7
## 439     SW    24  <NA>   NNW    NA    11
## 440     NE    24     E    NE     9    11
## 441     SE    41   SSE    SE     7    20
## 442    ESE    52   SSW    SE     7    28
## 443     SE    31   SSE     E    19    13
## 444   <NA>    NA    SE   SSW     6    11
## 445    ESE    31   SSE   SSW     7     7
## 446    NNE    26     E   WNW     9     9
## 447     NW    57    SE     N     7    19
## 448    SSW    59    SE    SE     6    24
## 449      E    46   ENE    NW     4     9
## 450      W    31     W   SSE    15    11
## 451     SE    24    SE    SE     9    11
## 452    NNW    22   ESE   ESE     2     7
## 453   <NA>    NA    NE     E    13     9
## 454     NE    26    SE     E     9    13
## 455      W    39  <NA>     W     0    20
## 456   <NA>    NA    SE   SSE    19    20
## 457    SSE    28    SE   ESE     9    15
## 458    ENE    19  <NA>   ENE     0     4
## 459   <NA>    NA    SE     S     7    11
## 460     NE    37    NE    NE    24    17
## 461    WSW    39     W     N     9     7
## 462     SE    39    NW     E    15    13
## 463     NW    56     N   NNW    11    37
## 464     NW    46   WNW   WNW    20    17
## 465   <NA>    NA   SSE   SSE     9    11
## 466    SSE    28    SE    SE    13    11
## 467    NNE    20     S     W     4     4
## 468     SE    24  <NA>     E     0     9
## 469     SE    24   SSE   SSE     6     7
## 470      E    22  <NA>   SSW     0    11
## 471    ENE    46  <NA>   SSW     0     4
## 472    SSW    19     N     W     2     4
## 473    SSE    48    SE     W     2     9
## 474      W    33   SSE   WNW     4    15
## 475      W    35   SSE    SW     6    19
## 476      W    44  <NA>   WSW     0    24
## 477    WNW    30   SSE   WNW     6    13
## 478    WNW    31     S   WNW     6    19
## 479      S    22  <NA>     W     0     6
## 480    NNW    24     E   NNW     4     6
## 481    WNW    24  <NA>   WNW     0    11
## 482      E    20  <NA>     S     0     9
## 483      W    39   ENE     N     4    13
```

```
## 484       WNW         26          W       WNW          7          20
## 485       SSW         28       <NA>       WSW          0          11
## 486       SSE         28        SSE        NE          9           9
## 487       WNW         26        ESE        NW          2           9
## 488        SE         20       <NA>         S          0           6
## 489        NE         26       <NA>        NE          0          11
## 490        SE         20         SE         N         13           7
## 491        SE         17        SSE       ENE          2           9
## 492        NE         33       <NA>       ENE          0          20
## 493         N         30        NNE       WNW         17           9
## 494        NW         46        WNW       WSW         13          20
## 495         E         22         SE       SSE          4           7
## 496       WNW         22         NE        NE          6          11
## 497       WNW         57         NW         W         17          35
## 498        SW         41          W        SW         19          24
## 499        SW         19        SSW         W          4          11
## 500       SSE         19          E       SSW          9           7
## 501        SE         17       <NA>         S          0           6
## 502       SSE         19          S       SSE          6          11
## 503       ESE         17        ENE       SSE          7          11
## 504       SSW         17       <NA>         S          0           9
## 505       ESE         17       <NA>       SSE          0           9
## 506       ENE         26        SSE         E          2          13
## 507        NW         20        ENE       SSW          6           7
## 508       WSW         17       <NA>       SSW          0           9
## 509       NNW         35        ESE       NNW          7          15
## 510       NNW         46        NNE       NNW         11          28
## 511         W         37        WSW         W         11          20
## 512       SSE         15          E         S          4           9
## 513       ENE         17       <NA>       ENE          0           7
## 514        NW         30         NE       WNW          6          17
## 515         W         28        WSW       WSW          7          11
## 516       ESE         13       <NA>       ESE          0           2
## 517         N         22       <NA>        NE          0           9
## 518       SSW         15         NE       ESE          7           9
## 519       NNW         30       <NA>        NE          0          11
## 520       WNW         61        WSW         N          7          26
## 521         W         39         NW         W         17          22
## 522         W         35         NW         W         11           9
## 523         W         20          S       WNW          2           6
## 524       SSE         13       <NA>      <NA>          0           0
## 525       ENE         17          E       SSE          7           4
## 526       ENE         17          S        NE          2           9
## 527       WSW         43        WNW       WSW          9          20
## 528         W         28        ESE         W          7          13
## 529         W         30       <NA>         W          0          20
## 530        SE         15          E        SE          7           7
## 531        SE         13       <NA>       ENE          0           2
## 532       ESE         13       <NA>        SW          0           4
## 533       ESE         48          S       SSE          7           7
## 534       WNW         17        NNW       WNW          7           9
## 535         W         28       <NA>        NW          0           7
## 536         N         13       <NA>       WSW          0           4
## 537       SSE         15       <NA>       SSE          0           9
```

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```
## 538       ESE       22      <NA>      SSE        0       7
## 539       NNW       24       ESE      NNW        4      13
## 540       ESE       20       ESE      ESE        9       9
## 541         E       26         E      SSE        7       7
## 542       SSE       30        SE      SSE       11       6
## 543       SSE       11      <NA>      SSE        0       9
## 544       ENE       22      <NA>       NE        0      13
## 545         N       26         E       SE        9      11
## 546        SE       46       SSW      SSE       11      31
## 547       SSE       48       SSE       SE       19      15
## 548        SE       13      <NA>       SE        0       7
## 549         W       13      <NA>      SSW        0       4
## 550       SSE       17      <NA>       SE        0       7
## 551         W       19      <NA>        W        0      11
## 552        SW       17       ESE      WSW        7      11
## 553        SW       13        SE      ENE        7       7
## 554         S       17      <NA>        S        0       9
## 555       WNW       19       SSE      WNW        2      11
## 556       WNW       37       NNW      WNW       11      13
## 557         W       44       WSW      WSW       15      19
## 558         W       28       WSW      WSW        6      13
## 559         W       22      <NA>        S        0       4
## 560       ESE       11       NNW      SSE        6       9
## 561       ESE       17      <NA>        E        0       6
## 562       SSE       11        SE      ESE        2       9
## 563       NNW       52         E        E        4       9
## 564         W       94       NNW      WNW       30      30
## 565         W       24        NW        W        7      13
## 566       WNW       35       WNW       NW       17      20
## 567        NW       39      <NA>      SSW        0       2
## 568         W       17         S        W        9       9
## 569        SE       15      <NA>       SE        0       7
## 570         E       20      <NA>        E        0       7
## 571       ENE       24         E        E        4      17
## 572       NNE       31         E       SE        9       2
## 573       WNW       35       WNW        N        4       4
## 574         W       22        SW       NW        2      11
## 575       NNW       52        SE      WSW        7       9
## 576         N       20       ENE        N        9      13
## 577         N       24       SSE      NNW        6       9
## 578       NNE       13      <NA>       SW        0       6
## 579       ESE       19         S      SSE        2       7
## 580       NNW       11      <NA>       SW        0       2
## 581         E       13       SSE      <NA>       4       0
## 582        SE       22       SSE      <NA>       7       0
## 583       SSE       35       WNW        W        7      15
## 584       NNE       50      <NA>      WNW        0       7
## 585       ESE       13      <NA>       NE        0       6
## 586       ENE       15      <NA>      ESE        0       7
## 587         N       46       NNW      NNE        6      28
## 588         N       28         W       NW        4      11
## 589        SE       13         E      <NA>       9       0
## 590       WNW       59        NW        E        7      13
## 591        NW       57        NW       NW       24      19
```

```
## 592    WNW    43    W      W      13    15
## 593    ENE    48    NNE    NNW    2     2
## 594    E      15    ESE    <NA>   6     0
## 595    ENE    24    NE     N      9     13
## 596    NW     20    S      S      4     4
## 597    WNW    19    SSE    WNW    7     11
## 598    W      17    <NA>   SSW    0     7
## 599    SW     19    <NA>   SW     0     11
## 600    W      17    E      W      7     9
## 601    W      22    ENE    W      6     13
## 602    W      20    S      N      4     2
## 603    WSW    19    <NA>   W      0     9
## 604    SSE    15    <NA>   ESE    0     7
## 605    ESE    15    N      ESE    4     6
## 606    NW     20    <NA>   WSW    0     9
## 607    NNE    30    ENE    N      2     13
## 608    W      30    WSW    NW     4     19
## 609    WNW    41    N      WSW    20    11
## 610    W      39    W      WSW    15    19
## 611    WNW    28    <NA>   WNW    0     15
## 612    <NA>   NA    <NA>   N      0     7
## 613    WSW    28    N      WNW    2     19
## 614    NW     22    SE     WNW    6     13
## 615    ESE    15    <NA>   SW     0     9
## 616    SSE    15    <NA>   ESE    0     9
## 617    E      31    NW     NE     6     15
## 618    NNW    41    E      N      9     15
## 619    NNE    33    NE     N      11    13
## 620    SW     50    W      WSW    19    28
## 621    W      20    <NA>   SW     0     9
## 622    ENE    41    NE     NE     15    24
## 623    WNW    46    NNE    N      11    13
## 624    W      56    N      W      17    24
## 625    E      15    <NA>   NE     0     9
## 626    ENE    31    <NA>   NE     0     20
## 627    NW     57    NNW    NW     15    30
## 628    W      46    WNW    WNW    20    30
## 629    WNW    39    WNW    W      17    19
## 630    N      26    E      NW     7     15
## 631    NW     17    SSE    WNW    6     7
## 632    WNW    67    NW     NNW    19    22
## 633    WNW    65    WNW    NNW    13    24
## 634    NW     50    NNW    WNW    20    15
## 635    NW     43    WNW    WSW    20    20
## 636    WSW    22    ENE    W      6     4
## 637    WSW    15    W      NW     2     6
## 638    WNW    20    <NA>   NW     0     9
## 639    N      20    S      NE     6     13
## 640    NW     17    SSW    SW     7     6
## 641    SSE    33    <NA>   W      0     9
## 642    SE     26    SSE    E      17    17
## 643    N      70    NE     N      24    24
## 644    NNW    72    NW     W      22    19
## 645    NW     50    NW     W      11    13
```

```
## 646          SW     52     SE    WSW       7     11
## 647         NNE     24    ESE    ENE       7     13
## 648         ENE     39     SE    ENE       7     11
## 649           W     50    WNW      W      28     22
## 650         WNW     35      S    WNW       7     13
## 651           N     22    ESE     NW       9      6
## 652           W     31      E    WNW       7     17
## 653         WSW     46     SE     SE      19      7
## 654         WSW     43      W    WNW      20     24
## 655         WSW     54      W      W      20     28
## 656          SW     39      W    WSW      13     20
## 657           W     31    WNW      W      11     19
## 658           W     30      E      W       2     17
## 659           W     24    SSE      W       6      9
## 660           W     24      E    WNW       2     15
## 661           W     26      W     SE       2      6
## 662           W     28   <NA>      W       0     17
## 663          NE     33      E    WNW       2     17
## 664          NW     28      S    NNW       7     17
## 665         WSW     24   <NA>    WNW       0     13
## 666         WNW     43     NW    WNW       4     22
## 667           W     39    WNW    WNW      11     22
## 668           W     39      W      W      19     26
## 669         NNW     28      E    WNW       9     17
## 670          NE     20     NW     NE       7     11
## 671          NE     37     SE     NE      13     15
## 672          NE     35    SSE    NNE       2     20
## 673          NE     35    WNW    NNW       6     15
## 674          NE     24    ESE     SE       7      9
## 675           W     69    ESE      N      11     20
## 676         WSW     46      W    WSW      20     26
## 677           W     30     SE    WNW       2     15
## 678           N     17    SSW    ESE       2      4
## 679          NE     39      W     NE       6     19
## 680           E     37     SE    NNE      15     19
## 681         NNE     31    ESE    ENE       7     19
## 682         WSW     30    NNE      E      11     11
## 683           W     24    NNW      W       4      6
## 684         WNW     63    NNW     NE      28      4
## 685           W     52    WSW      W      20     28
## 686         WNW     35    WNW     NW      15     17
## 687           W     39     NW    WNW       2     20
## 688         WNW     22      W    WSW       6     11
## 689          SE     20   <NA>    SSE       0     11
## 690           N     20   <NA>    SSW       0     11
## 691         NNE     30      E      N       6     17
## 692           W     28      W     NW       6     15
## 693         SSE     26     SE      S      19      9
## 694         WNW     22    SSE    WNW       4     11
## 695         WNW     33     SE     NW       7     20
## 696         WNW     35      S      W      11     17
## 697          NE     26    SSE    NNE       7      7
## 698          NE     39      E    ENE       7     24
## 699          NE     33     SE    ENE       7     19
```

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```
## 700    NNW    52    N       NNW    17     22
## 701    W      35    W       W       6     19
## 702    SW     44    WSW     WSW    11     24
## 703    WNW    35    W       WNW     9     26
## 704    SSE    33    SE      E      13     15
## 705    ENE    44    SE      SE     19     13
## 706    ENE    31    SE      NNE    15      6
## 707    W      54    SE      N       9     19
## 708    NW     31    N       WSW    11     20
## 709    SSW    46    SE      S       7     11
## 710    WSW    46    E       NNW     7     17
## 711    N      28    SSE     NNE     9     13
## 712    NNE    41    NE      NE     20     26
## 713    ENE    61    E       ENE    13     24
## 714    N      26    WNW     WNW    15     15
## 715    W      37    W       W      19     19
## 716    W      33    W       WSW    11     19
## 717    W      43    E       W       4     17
## 718    W      37    ENE     WNW     6     22
## 719    SE     26    SSE     S      17     11
## 720    NE     26    E       SSE     7      9
## 721    N      22    E       W      11      9
## 722    ENE    26    SE      NNE     7      7
## 723    N      31    ENE     NNE    22     17
## 724    N      35    NNE     NNE    20     11
## 725    W      44    ENE     WSW     7     15
## 726    WSW    39    NNW     ENE    13      9
## 727    N      44    SE      N       9      6
## 728    NNE    44    NNW     NW     17     17
## 729    SSE    43    SE      SE     20     22
## 730    SE     35    SE      NE     22     13
## 731    SE     24    SE      SE     11      9
## 732    NW     50    ESE     S       9     11
## 733    NNE    41    SE      S      13     15
## 734    WSW    44    SSW     WNW     2     17
## 735    SSE    28    SSE     SE      4     13
## 736    ENE    43    SE      NE     11     19
## 737    NNE    43    NE      NE     24     26
## 738    NNW    61    NNE     NNE    22     35
## 739    W      39    W       WNW    11     20
## 740    WNW    46    WNW     W      13     26
## 741    WNW    43    W       WNW    17     24
## 742    NW     46    W       WNW    24     24
## 743    WNW    33    ESE     SW      7     11
## 744    ENE    24    SE      NE      6      7
## 745    NNE    35    ENE     NNW    15     11
## 746    W      43    W       WSW    20     26
## 747    NW     46    NE      W       6     26
## 748    WNW    76    NNW     W      19     35
## 749    W      61    ENE     NNW     9     13
## 750    WSW    52    W       WSW    20     22
## 751    WSW    41    WSW     W      15     19
## 752    SW     28    ESE     SE      6     11
## 753    SW     41    <NA>    WSW     0     20
```

## 754	NE	31	SE	ENE	15	9
## 755	SSE	35	NE	N	15	24
## 756	SW	43	E	W	6	30
## 757	W	57	W	W	13	31
## 758	SSE	37	SE	ENE	17	11
## 759	NW	30	N	SW	19	13
## 760	SW	41	ESE	WSW	9	24
## 761	N	46	ESE	N	2	9
## 762	ENE	26	S	WSW	13	9
## 763	W	35	SW	WSW	2	15
## 764	WNW	35	SSE	WNW	19	11
## 765	SSE	24	SE	SE	11	11
## 766	SSE	31	ENE	SW	4	9
## 767	NNE	30	SE	N	19	13
## 768	NNE	26	NNE	SW	17	6
## 769	ENE	31	<NA>	E	0	11
## 770	ENE	61	SE	SSE	17	22
## 771	ENE	37	SSE	ENE	19	11
## 772	NE	37	SE	NNE	13	15
## 773	NE	44	NE	NW	19	11
## 774	NE	41	ESE	ENE	6	28
## 775	NE	52	NE	NNE	33	22
## 776	WSW	24	SE	SSE	4	11
## 777	WSW	31	S	NW	2	13
## 778	WSW	48	WNW	W	19	24
## 779	W	28	S	S	6	9
## 780	NE	28	E	SE	4	9
## 781	E	22	SSE	NNE	13	13
## 782	N	37	SE	NNW	9	6
## 783	NE	43	ESE	N	13	13
## 784	ENE	39	E	S	11	7
## 785	WSW	35	<NA>	W	0	15
## 786	SW	28	S	W	4	15
## 787	SW	39	S	SSW	9	20
## 788	WSW	39	<NA>	WSW	0	19
## 789	E	28	SE	SSE	13	9
## 790	NW	35	ENE	NNW	7	9
## 791	SSE	28	SE	ESE	9	17
## 792	S	24	SSE	S	7	17
## 793	NW	61	E	NW	6	28
## 794	NNE	41	NNE	N	17	20
## 795	WNW	31	<NA>	W	0	7
## 796	WNW	81	S	SE	4	9
## 797	NW	28	NE	NW	11	4
## 798	WSW	43	WNW	W	19	22
## 799	SSE	26	SSE	WNW	15	7
## 800	SE	22	ESE	SE	7	11
## 801	NNE	20	S	E	6	9
## 802	N	28	SSE	ENE	9	17
## 803	SW	54	NE	NNW	15	9
## 804	WNW	28	W	WNW	7	19
## 805	SSE	24	SSE	S	11	7
## 806	ENE	20	E	E	6	9
## 807	ESE	24	ESE	N	7	9

```
## 808    ENE    31    <NA>    NE    0    13
## 809    ESE    30    <NA>    SSE   0    4
## 810    ESE    52    SE      E     13   15
## 811    NNE    59    N       NW    17   20
## 812    WNW    43    WSW     WNW   13   26
## 813    W      41    WSW     W     19   20
## 814    SW     69    SSE     SSW   15   9
## 815    WSW    28    ESE     W     7    11
## 816    WSW    28    NE      WSW   2    13
## 817    WNW    24    S       NNW   2    7
## 818    W      33    SSE     N     6    7
## 819    WNW    20    SSW     NE    6    7
## 820    SE     20    SSE     ESE   7    11
## 821    WSW    44    W       WSW   22   30
## 822    WNW    24    S       WNW   11   11
## 823    WSW    37    ESE     WSW   4    22
## 824    W      33    ENE     W     6    20
## 825    SE     30    SSE     E     19   13
## 826    E      22    <NA>    S     0    9
## 827    SE     31    ESE     NNE   4    9
## 828    NE     30    E       NNE   6    17
## 829    NNE    30    <NA>    NNW   0    15
## 830    N      22    ENE     ENE   9    13
## 831    E      30    <NA>    SE    0    13
## 832    ENE    37    <NA>    NNE   0    19
## 833    SW     54    <NA>    NE    0    13
## 834    SSE    19    S       SE    7    7
## 835    E      24    SE      NE    7    11
## 836    SW     30    E       W     6    19
## 837    WNW    22    SSW     SSE   7    7
## 838    SE     20    SSE     SSE   9    11
## 839    NNE    24    SSE     ENE   13   15
## 840    SE     57    SE      ENE   13   9
## 841    E      30    SSE     NE    4    15
## 842    WNW    37    <NA>    WNW   0    13
## 843    W      37    NNW     WNW   15   22
## 844    WNW    44    NNW     WNW   13   19
## 845    WNW    43    W       WSW   17   17
## 846    SSE    26    NNW     SE    2    4
## 847    S      19    <NA>    S     0    7
## 848    E      20    S       ENE   2    11
## 849    NE     26    <NA>    ENE   0    11
## 850    SW     33    ESE     NW    9    6
## 851    SSE    24    <NA>    SE    0    7
## 852    NE     15    <NA>    S     0    9
## 853    WNW    24    <NA>    SSW   0    7
## 854    SSE    28    <NA>    <NA>  0    0
## 855    W      28    <NA>    NW    0    19
## 856    SE     24    <NA>    E     0    6
## 857    SSW    13    <NA>    SSE   0    7
## 858    SE     17    <NA>    ESE   0    9
## 859    WNW    24    <NA>    WNW   0    17
## 860    SSE    44    ESE     SSE   7    24
## 861    NW     26    <NA>    NW    0    17
```

```
## 862      W     54   WNW   WNW    22   26
## 863    WSW     24   SSW    NE     4    4
## 864      W     35   WNW   WNW    11   20
## 865      W     35     W   WSW    20   19
## 866      W     15  <NA>   WSW     0    9
## 867      W     20    SE     W     4    7
## 868      E     15  <NA>   ESE     0    4
## 869      E     20     E   ENE     7    7
## 870      S     13  <NA>   SSE     0    6
## 871     SE     15  <NA>   ESE     0    7
## 872    ESE     19  <NA>   ESE     0    9
## 873    ENE     46  <NA>    NE     0   20
## 874    WNW     44   NNE   WNW    19   20
## 875    WNW     26   WSW   WNW    15    7
## 876     SE     30     S    SE    11   17
## 877    WSW     26  <NA>   WSW     0   20
## 878      W     17    NE   WSW     2   11
## 879    WSW     15  <NA>   WSW     0   11
## 880    SSE     11   WSW  <NA>     4    0
## 881    SSE     26  <NA>   ESE     0   11
## 882     SE     22  <NA>    SE     0    9
## 883     NE     17  <NA>    NE     0   11
## 884      N     15   NNW   SSE     7    9
## 885     NW     20   ENE    NW     6   11
## 886      W     24     W   WNW     9   11
## 887      N     28  <NA>     N     0   15
## 888    WSW     26     W   WNW     9   15
## 889     SW     52     S    NW     4   13
## 890    WNW     37   WNW     W    13   22
## 891    WSW     33     W   SSW    13   17
## 892    SSE     20  <NA>   SSE     0   13
## 893    SSE     26  <NA>   SSE     0   17
## 894     SE     28  <NA>   SSE     0   17
## 895    SSE     20  <NA>   ESE     0   11
## 896    SSE     35   NNE   SSE     7   19
## 897      S     15     E     S     2    7
## 898    ESE     46  <NA>     E     0    6
## 899    WNW     35    NW     W    11   15
## 900     NW     28   WNW   WNW    13   11
## 901     NW     20  <NA>   NNE     0    7
## 902      N     46   NNE   NNE     6   19
## 903    NNW     65    NW   WNW    11   28
## 904     NW     43   WNW    NW    19   19
## 905      W     43     W     W    19   17
## 906    WNW     15    NE     S     6    7
## 907     SE     13   SSE     S     7    6
## 908     NE     24    NE   NNW     6   13
## 909    NNE     13  <NA>  <NA>     0    0
## 910    SSE     15  <NA>   ESE     0    7
## 911    ENE     17  <NA>   ESE     0    6
## 912     SE     20  <NA>    SE     0    9
## 913      E     13    SE    SE     2    4
## 914      N     20     E    SE     4    9
## 915     SE     48   ESE     S     6    7
```

```
## 916        W     69      N       NW        7     35
## 917      WNW     59     NW      WNW       26     28
## 918       NW     61     NW      NNW       17     19
## 919      WNW     52    WNW        W       15     24
## 920      WNW     28   <NA>        W        0     15
## 921      WNW     28    WNW      WNW       13     19
## 922      WNW     46    NNW      WNW       19     28
## 923        W     30    WNW        W       15     19
## 924       NW     28   <NA>       NW        0     19
## 925        W     30    WNW      WNW       15     17
## 926       SW     15      S      ENE        6      2
## 927        E     17   <NA>        E        0      7
## 928       SE     20   <NA>        E        0      9
## 929        W     31     SE      SSE        7      9
## 930      WNW     33      W        N       17      7
## 931      WSW     13     NW     <NA>        4      0
## 932       SE     33     SE       SE        2     19
## 933       SE     26     NW        S        4     11
## 934      SSE     33     SE      SSE       17     15
## 935        W     19   <NA>        W        0     11
## 936        E     19   <NA>        E        0     11
## 937       NW     26     SE       NW        9     11
## 938      WNW     28     NE        S        2     11
## 939      NNW     15   <NA>       NW        0      7
## 940       SE     41    ESE        S        6      6
## 941        E     17     NW      ESE        2      9
## 942       SE     19    WNW      SSE        2     13
## 943        E     20    NNE      ENE        2     15
## 944       NE     20   <NA>      NNE        0     11
## 945      ENE     26   <NA>       NE        0     13
## 946      NNE     28   <NA>       NE        0     15
## 947      NNE     35    ESE        N        7     24
## 948      ESE     44     SE      NNE        7     24
## 949      WSW     30     SE      ESE        7      6
## 950      WNW     28    WNW      SSW        9      7
## 951      WSW     24      S        W        6     13
## 952        W     24    ENE      WNW        2     13
## 953      WNW     19      N        W        4     13
## 954      SSE     37     SE       SE        4     22
## 955       SW     24    SSE        W        4     15
## 956      ESE     13   <NA>        E        0      7
## 957      SSE     22   <NA>      NNW        0      4
## 958      ENE     15     SE      ESE        6      7
## 959       NE     24   <NA>      NNE        0     13
## 960       NE     44     SE       NE        4     28
## 961      WNW     35    WNW      WNW       19     15
## 962       SE     28    SSE       SE       11     19
## 963       SE     22     SE      SSE        7      9
## 964       SW     20    ESE       SW        6     11
## 965      WSW     22    NNE       NW        6      7
## 966        S     17      E      NNE        7      9
## 967      ENE     17    ESE       SE       11      6
## 968        N     31    SSE        N        7     19
## 969      WNW     24      S        W        6     13
```

```
## 970          WSW          31          ESE           W           2          17
## 971          WSW          24          <NA>         WNW          0           7
## 972            W          26           W           WNW          2          19
## 973          WNW          20          <NA>         NNW          0           7
## 974          WNW          26           SE          WSW          6          19
## 975            S          15           E            S           6           4
## 976          ESE          17           SE           E           7           7
## 977           NE          30          ESE          ENE          4          20
## 978          ENE          31          ENE           E           9          11
## 979            N          31          <NA>         NNE          0          22
## 980            W          56           N            W          24          33
## 981           NW          30          <NA>         WSW          0          17
## 982          WNW          22          SSE          NW           7          11
## 983            S          57           W           WSW         20          30
## 984          <NA>         NA           W           WSW         20          30
## 985          <NA>         NA          <NA>         <NA>         NA          NA
## 986          <NA>         NA          <NA>         <NA>         NA          NA
## 987          <NA>         NA          <NA>         NNW          NA           9
## 988            W          33          ESE          WSW          9          15
## 989            W          31           E           NW           4          15
## 990          WSW          24          SSE           S           6           7
## 991           NE          26           E           NE           7          20
## 992          NNW          19           SE          WSW          4          11
## 993          WNW          57           SE          NE           9          22
## 994            W          61          WNW           W          31          22
## 995            W          30          <NA>         WNW          0          17
## 996          ENE          30           E            N           9          13
## 997            W          35           W           WNW         17          22
## 998           SE          37          ESE          NW          11          11
## 999          SSE          43           S            E          15           9
## 1000         ENE          20          ESE          NNE          6           9
## 1001         ENE          35          ESE          NE           7          20
## 1002         WNW          83          ESE          ENE          9          19
## 1003          NW          59          WNW          WNW         30          20
## 1004          NW          48           NW          NNW         20          20
## 1005         ENE          26           SE          SW           9          11
## 1006         SSE          35           S            S          13          17
## 1007         WSW          22          SSE           E           9           9
## 1008         SSW          24          ESE           S           6           4
## 1009         ENE          19           SE          SSE          4          13
## 1010          SW          13           S            S           9           4
## 1011           W          41           S           WSW          7           7
## 1012         WSW          33           SE           W           4          24
## 1013         WSW          46           W           WNW         13          28
## 1014         <NA>         NA          NNW           W           4          24
## 1015         WNW          39          WNW          WSW         13          22
## 1016           W          24           S            S           6          11
## 1017         NNE          28          ESE          NNE          6           7
## 1018          NE          28          ESE          NE          11          13
## 1019           W          43           E            W           4          19
## 1020           W          50          WSW           W          24          33
## 1021           W          22           S           ESE         11           7
## 1022         NNW          22           SE          WNW          7           7
## 1023         WSW          20          SSE          SSE          4          11
```

```
## 1024        NE    31    SE    NNW      6    13
## 1025       WSW    35   ENE      S      6    11
## 1026       ENE    22    SW      S      2    11
## 1027        NE    24   SSE    WNW      2    11
## 1028         W    43   NNW     SW     17    13
## 1029        SE    39    SE    SSE     15    20
## 1030         N    28     E     SE      7     9
## 1031         E    28    SE    ENE      9    15
## 1032       ENE    31   ESE     NE     11    19
## 1033         W    44     N     NW      9    20
## 1034         W    50   WNW      W     17    28
## 1035        SW    30    SE      W     19    13
## 1036       WSW    41   ESE    WNW      9    15
## 1037         W    46     W    WSW     11    28
## 1038        SW    39    SW    WNW      9    20
## 1039        SW    24   ESE    ESE      9    11
## 1040        SW    35   ESE     SE     11    17
## 1041        NW    50   ESE    NNW      7    15
## 1042         E    30   ENE      E      4    17
## 1043       WNW    39   SSE    WSW      7    13
## 1044       WNW    78   SSE    NNW      4    24
## 1045         W    61   WNW      W     24    22
## 1046       ENE    35   ESE      N      7    13
## 1047         W    33   ENE    WSW      6    19
## 1048         W    31    SE    NNE      6     6
## 1049         W    46   NNW      W     19    30
## 1050       WNW    37   SSE      W      2    19
## 1051       WSW    43   SSE    SSW     15     7
## 1052         S    20   SSE    SSE      2    11
## 1053       NNW    31     E    NNW      9    11
## 1054       WSW    33   SSE    SSE     13    19
## 1055         W    44   WNW    WNW     28    24
## 1056         W    33   ENE    WSW      4    19
## 1057         N    31     S    NNW      2     7
## 1058        SE    37    SE     SE     19    17
## 1059      <NA>    NA    SE   <NA>     19    NA
## 1060      <NA>    NA   SSE   <NA>     11    NA
## 1061      <NA>    NA    NE   <NA>     13    NA
## 1062      <NA>    NA     W   <NA>     15    NA
## 1063       NNE    35     E     NW     11    11
## 1064         W    59     E      N      9    22
## 1065       WSW    48   WNW    WNW     26    15
## 1066       WSW    31    SE    WSW      7    11
## 1067        SE    39    SE     NW     20     6
## 1068         W    24   NNE    WNW      9     7
## 1069        SE    48   SSE     SE     28    15
## 1070       ESE    43    SE     SE     24    20
## 1071        NW    43     E      S     11     9
## 1072         W    28   NNE    SSW     17    13
## 1073       SSE    46   ESE     NE      9     6
## 1074       ENE    33    SE    ENE     11    13
## 1075         N    37   SSE    ESE      7     9
## 1076         W    37   SSE     SW      9    19
## 1077         W    35     E      W      2    11
```

```
## 1078        SE    43     S    SSW    15    13
## 1079         S    28   SSE     SE    19    13
## 1080        SE    22    SE    SSE    11     9
## 1081        SE    35   ESE    ENE     7    11
## 1082        SE    30   SSE      N    11    11
## 1083       NNE    43    NE     NE    17    28
## 1084       NNE    44     N    WNW    15    19
## 1085        SE    24    SE    ENE    13     7
## 1086       ENE    39    SE      E    13    13
## 1087       ESE    30    SE     SE    13     9
## 1088         S    44   SSE     SE     7     6
## 1089        SE    54    SE    SSE     2    13
## 1090        SW    52    SE      N     9     9
## 1091        SE    48    NE     SW     6    24
## 1092        SW    26   SSE    ENE     9     6
## 1093       WNW    26    SE    WSW    15    13
## 1094       SSE    22   SSE    SSE    11    11
## 1095       SSE    22    SE    SSE    13    11
## 1096       WSW    31     E      W     6    24
## 1097       SSW    30   SSE    SSW     6     7
## 1098       SSW    24   ESE      S     9    15
## 1099        NW    43    SE      W     7    15
## 1100         W    35     W      W     7     9
## 1101         W    35    SE     SW     6    17
## 1102       SSE    31    SE    SSW    20    13
## 1103       NNE    31   ENE     NE    15     9
## 1104       NNW    39   NNE    WSW    11    13
## 1105         W    43   WNW      W    20    28
## 1106        NW    50     W      W    17    30
## 1107        SW    69     W    WSW    22    39
## 1108         S    39   ESE      N     4     9
## 1109       WNW    31   SSE    WSW     7    19
## 1110        SE    31   SSE    ESE    19    15
## 1111       NNE    41    SE    SSE    15     9
## 1112       ENE    39   ENE     NE    19    20
## 1113       NNW    30    NE    ENE    17    11
## 1114        SW    31   ESE    ESE     9    15
## 1115       WSW    28    SE     NW    11    11
## 1116       WSW    35   ESE      W     9    19
## 1117       ENE    48    SE      S    11    11
## 1118       NNE    33    SE      S    15    11
## 1119         N    33    SE     SE    13     7
## 1120         N    26   SSE    WSW    11     7
## 1121       ENE    31   SSE    ESE     6    11
## 1122         E    28    SE    WSW     9     7
## 1123       NNE    39    SE      E    17     9
## 1124        NE    31   SSE      S     6     6
## 1125       ENE    43    NE    ENE    19    19
## 1126       WNW    48   NNW    NNW    24    28
## 1127        SE    43   WSW      W    17    19
## 1128        SE    35    SE      S    19    11
## 1129       NNE    52    SE    NNE    22     7
## 1130       SSW    31   SSE    WSW    15    20
## 1131       WNW    28   SSE     SW     6    15
```

```
## 1132    NNW    87    SE      N      7    24
## 1133      W    31     W    WNW     17    15
## 1134      W    35    SSE     SE      9    11
## 1135    NNW    28    NE      N      9    15
## 1136    ENE    26     S     ESE      6    11
## 1137      W    43    ESE    WNW      9    30
## 1138      S    35    SSE    WNW      9    11
## 1139      W    35     E     ENE      7     7
## 1140     SE    24    SE      S     11    11
## 1141     NE    26    SSE     SE     15    11
## 1142    ENE    28    SE      N      7     6
## 1143     SE    30    ENE    SSE      7    13
## 1144    NNW    31    SSW     SE      6    17
## 1145    ESE    28    ENE     S      6     6
## 1146     NE    26    ESE    SSE     11    15
## 1147     SE    39    SSE    WSW      4    13
## 1148      S    31    SE     NNW     11     7
## 1149     NE    44    SSE     W     11     7
## 1150    WNW    31   <NA>     SW      0    17
## 1151     SE    28   <NA>    ENE      0    11
## 1152      N    31   <NA>    NNE      0    11
## 1153     NE    37    SE      S      6     7
## 1154    NNE    31    NNE    NE     13    11
## 1155    NNE    48    NNE    SSW      4     2
## 1156    SSE    24    SSE     SE      7    11
## 1157     SE    57     N     SE      7    20
## 1158     SE    48    SE      SE     13    24
## 1159    NNE    52    SE     ESE      7    15
## 1160    WSW    35    WNW    WNW      9    20
## 1161    WNW    33   <NA>     W      0    22
## 1162     SE    43   <NA>    ESE      0     9
## 1163     SE    52    SE      SE     22    30
## 1164      S    37    SW      SW     11    13
## 1165    WSW    37   <NA>    WNW      0    24
## 1166      W    28   <NA>    WNW      0    13
## 1167    WNW    30    ENE     NW      7    11
## 1168     NW    24     S     WNW      6    11
## 1169     NW    31    ESE    NNE      7    19
## 1170    NNW    31   <NA>     SE      0    13
## 1171    NNE    41    ESE    NNE      2    24
## 1172     SW    46    NNW    WNW      9    17
## 1173    WNW    30    SSW     W      6    11
## 1174    SSE    28     S     ESE      9     6
## 1175    NNE    30    SE     SSE      7     9
## 1176     NE    30    ESE    NNE      7    15
## 1177    WNW    50    ENE    WNW     11    28
## 1178    WNW    28     S      W      4     7
## 1179      W    54    NW      W     15    31
## 1180    WSW    37     W      W     17    22
## 1181    SSW    24    SSE    WNW      2    13
## 1182    NNW    24     S      NW      4    17
## 1183      S    13    SSE     N      4     6
## 1184      N    26     E     ESE      6    13
## 1185    ESE    20    SSE    ESE      6     7
```

```
## 1186         E    22      E  NNE     6      9
## 1187        NE    28  <NA>   NE     0     17
## 1188       WSW    28  <NA>  WNW     0     15
## 1189       NNE    24  <NA>  NNW     0      9
## 1190       NNE    30    ESE    N     9     13
## 1191        SE    17    ESE  SSE     4      4
## 1192       ESE    19      E  SSW     2      7
## 1193       WNW    57    ESE  NNE     7     17
## 1194         W    43     SW  WNW    20     19
## 1195       WSW    35  <NA>    W     0     22
## 1196         W    56      W  WSW    11     30
## 1197       WSW    22    SSE  WNW     6      9
## 1198       SSW    20    WSW  ENE     4      6
## 1199       WNW    22    SSE  WSW     4     13
## 1200         S    15  <NA>    S     0      7
## 1201        SE    15  <NA>   SE     0      9
## 1202       ENE    17      S  NNE     4      7
## 1203        SW    19    ENE  SSW     6     11
## 1204       SSE    24  <NA>  SSE     0     19
## 1205       ESE    30    SSE  SSE    17     15
## 1206        NE    24    ESE    E     2     17
## 1207        SW    19    SSE    E     7      2
## 1208       NNE    43     SE   SE     7      6
## 1209        NE    43    NNE  NNE     7     20
## 1210       WSW    39  <NA>  NNW     0     19
## 1211       WNW    35      W    W    17     15
## 1212       WNW    39      W    W    26     22
## 1213        NW    19    WSW   NW     6     11
## 1214         W    19    WNW  WNW     4      7
## 1215         W    26  <NA>  WNW     0     17
## 1216       SSE    26    ENE  SSE     4     11
## 1217       ENE    30     SE   NE     6     11
## 1218         E    24  <NA>    E     0     15
## 1219         W    30     NE  WNW    17     22
## 1220         W    30      W  WNW    19     20
## 1221         W    28    SSE    W     2     19
## 1222       WNW    28  <NA>    W     0     11
## 1223       WSW    17    ENE  ENE     7     13
## 1224       ESE    20    WSW    E     4     11
## 1225        NE    28  <NA>   NE     0     13
## 1226       WSW    26      S   SE     4      7
## 1227         S    13  <NA>    S     0      7
## 1228         W    33  <NA>  WNW     0     19
## 1229         W    35      E   SW     6     19
## 1230         W    43      W  WSW    24     20
## 1231       ENE    17     NE  NNW     2      4
## 1232       WSW    17      N   NW     2      6
## 1233         E    17  <NA>  ENE     0      9
## 1234       ESE    13  <NA>  ESE     0      7
## 1235        NE    13      E    E     6      7
## 1236        NE    17  <NA>   SE     0      7
## 1237         N    17  <NA>    N     0      9
## 1238         W    13  <NA>  <NA>     0      0
## 1239       ENE    22  <NA>  NNE     0      9
```

```
## 1240    NNE    33    E      NNE     4    20
## 1241    ENE    24    E      S       4    11
## 1242    W      59    NNW    NNW    19    22
## 1243    WNW    35    WNW    WNW    13    13
## 1244    W      20    S      W       2    13
## 1245    SE     17    S      WSW     4    11
## 1246    W      15    <NA>   W       0     9
## 1247    SSW    11    S      <NA>    4     0
## 1248    E      13    NW     SE      6     4
## 1249    ESE    11    SSE    E       4     2
## 1250    NE     11    <NA>   <NA>    0     0
## 1251    SSE    31    SE     SSE     9     9
## 1252    W      35    WSW    W       9    19
## 1253    SE     65    S      SE     20    28
## 1254    WNW    20    <NA>   WSW     0    11
## 1255    SSW    17    <NA>   S       0     4
## 1256    WSW    13    S      NNW     4     4
## 1257    NE     11    S      SE      2     6
## 1258    S      13    <NA>   SSW     0     6
## 1259    SSE    15    <NA>   SSE     0     7
## 1260    NNW    11    <NA>   SE      0     7
## 1261    SE     13    ENE    ESE     2     7
## 1262    ENE    43    E      NE      6    17
## 1263    NE     28    ENE    W       2     9
## 1264    SE     20    NNW    E       4     6
## 1265    W      26    NW     NNW     9    13
## 1266    W      22    <NA>   WNW     0    11
## 1267    W      28    NW     W      17    15
## 1268    NE     20    <NA>   NE      0    13
## 1269    N      35    NE     NNE     9    17
## 1270    NNW    44    NNW    WNW    15    15
## 1271    NNW    24    SE     NW      4    17
## 1272    W      24    NNW    WNW     9     9
## 1273    W      28    NE     W       9    20
## 1274    SE     22    <NA>   SE      0     7
## 1275    SE     15    <NA>   SE      0     7
## 1276    ENE    15    <NA>   SE      0     7
## 1277    WNW    35    <NA>   N       0    19
## 1278    NW     39    <NA>   NNW     0    19
## 1279    NW     26    N      WNW     7     9
## 1280    WNW    28    W      W      15    17
## 1281    W      24    W      WNW     6    15
## 1282    WNW    17    SW     S       6     6
## 1283    SE     17    <NA>   E       0     7
## 1284    ESE    13    <NA>   SSE     0     2
## 1285    SSE    17    <NA>   SE      0     7
## 1286    NE     17    <NA>   SE      0     7
## 1287    E      24    <NA>   SE      0     9
## 1288    ENE    44    SSE    NE      7    22
## 1289    NNW    39    N      NNE    15    15
## 1290    NNE    28    <NA>   SE      0    11
## 1291    NW     24    NNE    WNW     6    13
## 1292    WNW    48    N      NW     11    19
## 1293    NW     33    W      WNW    17    17
```

```
## 1294      N    22   NNE     N     7   15
## 1295    NNW    19  <NA>   NNW     0    9
## 1296    WSW    39    SW    NW     4   19
## 1297      W    24  <NA>     W     0   17
## 1298      W    31  <NA>   WSW     0   17
## 1299     SW    15     E   SSW     2    7
## 1300    WSW    19  <NA>   WNW     0   11
## 1301      W    13  <NA>   WNW     0    4
## 1302      E    15  <NA>    SE     0    7
## 1303     NE    28  <NA>    NE     0   13
## 1304      N    37     N   NNW    11   15
## 1305    NNE    17   ENE    NE     9    9
## 1306      W    28   WNW   WNW     6   15
## 1307      W    33  <NA>   WSW     0   20
## 1308    SSE    13     E    SE     4    6
## 1309    SSE    20  <NA>   ENE     0    9
## 1310    WNW    20  <NA>     W     0    9
## 1311    NNW    17  <NA>    SW     0    2
## 1312      N    24  <NA>     N     0   13
## 1313    WNW    28  <NA>     W     0    9
## 1314    WNW    54    NE   WNW    11   19
## 1315    WNW    50     W     W    17   17
## 1316    WNW    30  <NA>    NW     0   19
## 1317      W    35  <NA>   NNE     0   15
## 1318     SW    65     W   WSW    22   19
## 1319     SW    46  <NA>    SW     0   28
## 1320     SE    24  <NA>   ESE     0    9
## 1321      W    20   ENE     W     2    9
## 1322    NNW    20     S    SE     4   11
## 1323    NNW    33  <NA>   NNW     0   15
## 1324    WNW    26   ESE     W     6   11
## 1325     NW    33  <NA>    NW     0   17
## 1326     NW    50   NNW    NW    19   31
## 1327    WSW    37  <NA>     W     0   20
## 1328      W    30    NE   WNW     2   15
## 1329     SE    17     N     S     2    6
## 1330      N    33    SE    NE     7   19
## 1331    ENE    35     E   ENE     9   19
## 1332     NW    43   WNW   WSW    24    2
## 1333    WNW    46   NNW    NW    15   20
## 1334    WNW    28    NW    NW     6   13
## 1335    WSW    31   WNW     W    15   19
## 1336     SE    19     E     S     7    7
## 1337     SE    20   SSE   ENE     2   11
## 1338    WNW    48    SE     N     9   17
## 1339      W    56   WNW     W    26   26
## 1340    WNW    39   WNW   WSW    17   26
## 1341    SSW    26    SW   WSW     2    9
## 1342    WSW    24   ESE   WSW     7   19
## 1343      E    19  <NA>   ESE     0    7
## 1344      N    22   ENE     N     6   13
## 1345      N    83     N    NE    22   19
## 1346    NNW    44   NNW     N    20   22
## 1347      W    67   WNW   WNW    35   33
```

```
## 1348    WNW    46     W      WNW    22    24
## 1349      W    30    WSW       W    11    15
## 1350      W    22      E       NW     7     7
## 1351     SE    15    ENE       SE     4     6
## 1352      N    28     SE        N     4    13
## 1353      W    57      W      WSW    22    33
## 1354      W    31    ESE      WNW     6    20
## 1355     SE    19    ESE        E     7     7
## 1356    WSW    26      E      WNW     7    17
## 1357     NE    20      E       NW     6     9
## 1358    NNW    33     SW       SE    11    13
## 1359     NE    43      N       NE     6     7
## 1360      W    39     SE        E     9    26
## 1361      W    39     NW        W    15    22
## 1362     NW    19     SE      SSE     9     7
## 1363    WNW    48    ESE      WNW    11    30
## 1364      W    43      W        W    19    26
## 1365    ESE    19   <NA>       SE     0     9
## 1366     SE    44     SE      NNE     6    19
## 1367    NNE    54    ENE       NE     6    15
## 1368      N    67      N        W    30    26
## 1369    WNW    50      W        W    26    28
## 1370      W    35    WNW        W    15    19
## 1371      W    43     SE        W     7    26
## 1372    SSW    19      E      WSW     6     9
## 1373    SSW    28      E      WNW     9    11
## 1374   <NA>    NA    ENE      WNW     7    28
## 1375   <NA>    NA    ENE      WNW     4    22
## 1376   <NA>    NA    SSW      WSW     9    17
## 1377    WSW    31     SW        W     6    17
## 1378    WNW    28      S      NNW     6     9
## 1379    WSW    31   <NA>      WNW     0    15
## 1380     NW    30    WNW       NW     9    15
## 1381    SSE    28    SSE        S     9    13
## 1382      W    46    SSE      WSW     7    19
## 1383    WNW    41      E        W     6    19
## 1384     SW    37     SE       NW     7     6
## 1385    ENE    30     SE      NNE     9    15
## 1386      W    35     SE       NE     6    11
## 1387    WNW    33      W      WNW    13    22
## 1388    WNW    26      E        N     4     7
## 1389      E    24    ESE      ENE     7    17
## 1390     NW    41   <NA>        W     0    24
## 1391    WSW    48      W      WSW     6    26
## 1392    WSW    35      S      ESE    11    15
## 1393    ESE    24     SE       SE     7    11
## 1394    ESE    22     SE      SSE     6    11
## 1395      W    44      N        W    19    30
## 1396    WSW    46    WSW        W    15    30
## 1397    WSW    46      W      NNW    15    15
## 1398    SSW    20    ESE       NW     7     9
## 1399    ENE    28    SSE      SSE     7     7
## 1400    SSW    31    ESE       SW     6    22
## 1401      S    24    ESE      SSE     9    19
```

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```
## 1402   WNW   54     W    WSW   22   33
## 1403   WSW   28   SSE    ESE    9    7
## 1404   NNE   31    SE    NNW    9   19
## 1405    NE   31    SE     NW   11   11
## 1406     S   28  <NA>      S    0   13
## 1407   NNE   39     S      N   11   22
## 1408   NNW   24    NE    WNW   11   13
## 1409   WNW   35   NNW     NW    7   11
## 1410   WNW   44     W      W   19   22
## 1411   SSE   30   SSE     SE   15   17
## 1412   ESE   28   ESE     NE    7    7
## 1413   WNW   44    SE      N    7   19
## 1414     S   24   ESE      S    7    6
## 1415   NNW   24     E     SE    6    9
## 1416   WNW   37     E    WNW    4   20
## 1417   WNW   39     S    WNW   11   22
## 1418     N   28   SSE    SSE   11   13
## 1419   WSW   52     W     SW    9   28
## 1420   SSE   41    SW     SE    7   20
## 1421     E   24   SSE    ESE    6   15
## 1422     W   54    NE     NW   13   28
## 1423     W   24    SE      W   13   17
## 1424   SSE   24   SSE    SSE    7   13
## 1425   NNE   31   ESE     NE    7    9
## 1426   NNW   41     E    WNW    9   20
## 1427     W   43    SE    WNW    6   20
## 1428    SW   33   SSE    ESE    9    7
## 1429   SSE   30   SSE      E   13   11
## 1430   NNE   35     E      E   19   17
## 1431    NW   43   ENE    WSW    9   13
## 1432     W   44    SE      W    4   22
## 1433   SSE   28   SSW    ESE    9   11
## 1434     E   22     S    SSW    7   11
## 1435   ENE   44   ESE      N    7   24
## 1436    NW   81     S    ESE    7   11
## 1437   SSE   39   ENE     SW    4   15
## 1438   NNW   41     E    ENE   11   24
## 1439   WNW   78    NW    WSW   31   22
## 1440   WSW   52   WSW     NW   20   22
## 1441   NNE   31    SE    SSE    9   11
## 1442   NNW   37    SE    NNW    7   19
## 1443     W   37     W      W   19   24
## 1444    SW   33   WSW      W    7   15
## 1445   SSE   39   ESE    SSE   17   22
## 1446   WNW   30    NE    WSW   11   13
## 1447    NW   35     S    SSW    6    9
## 1448     W   35   SSE      S    6    9
## 1449     W   65   ESE      W    7   30
## 1450     W   28    SE     SW   11   13
## 1451   ENE   22     S      S   13   11
## 1452     N   50    NE      N   17   22
## 1453   WSW   52     S      W    7   26
## 1454    SE   30    SE    SSE   15   13
## 1455   NNW   46   ESE     NE    9   15
```

```
## 1456     NNE     43      NE      ENE     19       7
## 1457     ENE     46       S      WNW     11      11
## 1458     WNW     31     WSW       SW     15      15
## 1459     ENE     54     SSE      WNW      7       9
## 1460       W     50      SE        W     19      17
## 1461       N     33     ENE        S      7      11
## 1462     WNW     48      NE        N      6      24
## 1463      SE     50      SE       SE     26      28
## 1464     ESE     41      SE      SSE     17      24
## 1465     ENE     37     ESE       NE     13      17
## 1466     ENE     24     ENE      ESE      2      15
## 1467     ENE     31      SE       NE      6      19
## 1468       E     28     ESE      ESE      7      15
## 1469     SSE     30       E      ESE      4       9
## 1470     ESE     37       E      ENE      7      13
## 1471       S     30     SSE      ENE      6       9
## 1472      SE     24       S      WNW      4       7
## 1473       N     26     ESE      SSE      4      13
## 1474      NE     35     SSE      NNW      7      13
## 1475       W     35     NNE       NW     22      17
## 1476     NNW     31     WSW        W      7      17
## 1477     ESE     22     SSE      SSE      9      11
## 1478      SW     46      SE        W      4      26
## 1479       W     35     SSW      WSW     13      15
## 1480     SSE     33      SE      ESE      6      15
## 1481       E     26    <NA>      SSE      0       9
## 1482     WSW     46     SSE      ENE      2      20
## 1483       N     67     NNE       NE      7      26
## 1484     NNW     33    <NA>       NW      0      13
## 1485       W     28     SSW      WNW      4       9
## 1486       W     41       S        W      7      22
## 1487      NW     31    <NA>        W      0      13
## 1488       N     33    <NA>      NNW      0      13
## 1489     WNW     61     SSE      NNE      2      22
## 1490      NW     46       N        W     24      20
## 1491     WSW     31       E       SW      7      13
## 1492     WSW     28       S      WSW      7      13
## 1493     WNW     30     NNW      WSW      7      15
## 1494     WNW     30     ESE        W      6      19
## 1495     WNW     30     SSE      WSW      6      17
## 1496      SE     35     SSE       SE     15      15
## 1497      SE     22     SSE      SSE      7      11
## 1498      SE     19    <NA>        S      0       9
## 1499     SSE     20     SSE      WNW      6      11
## 1500       S     43       S        W      6      11
## 1501     ESE     17       E        S      2       9
## 1502      SW     19     SSW        S      4      11
## 1503     WNW     24       E      SSW      6       6
## 1504     WNW     24      SE        W      7      15
## 1505     NNE     28       E        N      7       2
## 1506       N     28      SE      NNW      7      15
## 1507     SSE     17     SSE      SSE      7       9
## 1508       W     30     ESE        W      2      19
## 1509     SSE     22       E       SW      7       9
```

```
## 1510      SW      17      NE      SE       2      7
## 1511     WSW      39     SSE       W       6     22
## 1512      SE      48     SSW      SE      11     22
## 1513      SE      35     SSW      SE       2     17
## 1514       N      46     ESE       N       6      9
## 1515     WNW      26     NNW       W      11     11
## 1516     WSW      30     NNW     WSW       7     20
## 1517     WSW      30       S     WSW       2     13
## 1518     WSW      31       E       W       2     15
## 1519       W      26    <NA>       W       0     13
## 1520       N      24     NNE     NNW       7     11
## 1521     WNW      28     ENE       W       6     17
## 1522       W      17    <NA>      NW       0      2
## 1523     WSW      19     SSE      SW       6      9
## 1524     WSW      33       S     WSW       6     19
## 1525     SSE      24      SE      SE       9      9
## 1526      NE      22     ENE     NNW       7      6
## 1527       W      28     SSE       W       4     19
## 1528     SSE      17     SSE       E       7      9
## 1529      SE      22       E      SE       4     13
## 1530    <NA>      NA    <NA>    <NA>       0     NA
## 1531    <NA>      NA    <NA>     ESE       0      7
## 1532    <NA>      NA      SE      SE       2      9
## 1533      SE      13    <NA>     SSE       0      9
## 1534      SE      24    <NA>     SSE       0     13
## 1535     NNE      46    <NA>     NNE       0     15
## 1536       W      41       N       W      15     22
## 1537       N      22    <NA>     NNW       0     15
## 1538     WNW      39      NE      NW      11     15
## 1539      SW      50      NW       W      19     17
## 1540     WNW      31       W     WNW      11      9
## 1541       W      31     WSW       W       2     15
## 1542     WNW      28       S       W       4     19
## 1543       E      20     ENE       E       2     15
## 1544     SSE      15       S     ESE       9      4
## 1545     NNW      15     NNW    <NA>       4      0
## 1546      SE      33     SSE     SSE      17     20
## 1547     WNW      22       S     WNW       7      7
## 1548       W      22    <NA>     WNW       0     11
## 1549     NNE       9    <NA>       S       0      6
## 1550      SE      17     NNE      SE       7      9
## 1551      SE      15    <NA>      SE       0     11
## 1552       N      22    <NA>     SSE       0      7
## 1553     ENE      26     SSE     ENE      11      9
## 1554      NE      30      NE      NE       6     13
## 1555       N      35     NNW       N      19      7
## 1556     SSW      31     SSE     SSW      13     17
## 1557      SW      22    <NA>      NW       0     11
## 1558       S      11     ENE      SE       6      4
## 1559       E      59    <NA>     ENE      NA     13
## 1560       N      22      SE       N       2     13
## 1561     WNW      39       N     WNW      19     20
## 1562      SE      13       E      NE       2      9
## 1563     WNW      13    <NA>     ESE       0      7
```

```
## 1564       NNW            13      <NA>      ESE         0         7
## 1565        E             20      SSW        E          2        15
## 1566       SE             28      SE        ESE        13         6
## 1567       WNW            28      N          W          7        13
## 1568       NW             11      <NA>      SE          0         6
## 1569       WNW            17      NW         E          4         7
## 1570       WNW            17      <NA>      WNW         0         9
## 1571        S             11      <NA>      SW          0         2
## 1572       SSW            15      WNW       WSW         2        11
## 1573       SSE            24      <NA>       S          0         7
## 1574       WSW            15      SE        SW          4         7
## 1575       SE             13      <NA>      SE          0         9
## 1576       SSE            15      ESE        S          6         7
## 1577       SE             19      NNW       SSE         9         7
## 1578       SSE            26      <NA>      SSW         0         7
## 1579       SSE            39      SSE       SSE        19        17
## 1580       SE             48      <NA>      ESE         0         6
## 1581        E             11      SE        ENE         6         7
## 1582        N             13      <NA>      SE          0         6
## 1583       WNW            17      <NA>      SSE         0         2
## 1584        W             19      <NA>       W          0        13
## 1585       ENE            20      <NA>      NNE         0         9
## 1586       WNW            26      NE        WNW         2        17
## 1587        E             15      <NA>       E          0        11
## 1588        N             48      ENE        N          9        19
## 1589       WNW            72      WNW       WNW        30        20
## 1590       NNW            35      NNW        NW        11        20
## 1591       WNW            39      N          E         11         7
## 1592        W             26      NNE        W          6        17
## 1593       SE             17      <NA>      SSW         0         6
## 1594       ESE            15      <NA>       S          0         6
## 1595       SE             15      <NA>       E          0         7
## 1596       SE             19      NNW       ESE         4         7
## 1597       ENE            17      <NA>      ESE         0         7
## 1598        N             33      ESE       ENE         9         7
## 1599       NNE            37      N          N         11         9
## 1600        E             20      ENE       SE          7         6
## 1601       NE             24      ENE       ENE         7        13
## 1602       NNE            57      NE         NE        17        22
## 1603       NNE            52      NNW       NNW        26        26
## 1604       NNW            52      N         WNW         9        19
## 1605       NW             35      N         NNW        11        15
## 1606        N             31      N         NNW         9         9
## 1607       WNW            30      W         WNW         7        17
## 1608        W             17      SE         W          7         6
## 1609       SE             13      SE        ENE         9         7
## 1610       SE             17      S         ESE         7        11
## 1611       ENE            19      <NA>      SE          0         9
## 1612       NE             35      <NA>       NE         0        24
## 1613       NNE            52      NE        NNE         9        19
## 1614        W             24      <NA>      WNW         0        17
## 1615       ESE            17      <NA>      SSW         0         4
## 1616       ESE            13      E          E          4         9
## 1617       WNW            52      <NA>      NNW         0        24
```

```
## 1618    NNW    43    WNW     NNE    13    17
## 1619    WNW    48    NW      WNW    15    19
## 1620    N      26    NNW     N      13    15
## 1621    WNW    37    NW      WNW    24    20
## 1622    NE     28    N       N       7    11
## 1623    ENE    37    WSW     E       9     6
## 1624    NNW    20    ENE     N       9    11
## 1625    WNW    22    <NA>    WSW     0    13
## 1626    NE     20    S       NNE     9    13
## 1627    W      69    NW      W      31    44
## 1628    NW     41    WNW     NW     17    15
## 1629    W      56    N       NW     13    20
## 1630    W      20    W       WNW    11    11
## 1631    N      57    ESE     NE      9    26
## 1632    N      44    WSW     NW      9    15
## 1633    NNW    50    NE      NNW    13    33
## 1634    SW     52    W       WNW    17    20
## 1635    WNW    35    W       WNW    17    22
## 1636    WNW    28    WSW     WNW    11    11
## 1637    WNW    44    NW      W      15    17
## 1638    WNW    44    NW      WNW    22    19
## 1639    W      22    ENE     <NA>    9     0
## 1640    W      24    E       WNW     7    15
## 1641    WNW    28    S       W       2     9
## 1642    ENE    17    NNE     ESE     2     7
## 1643    ENE    20    ENE     SE      9    11
## 1644    WNW    57    E       NE     11    26
## 1645    NW     30    NW      WNW    15    13
## 1646    ESE    20    E       SSE     7     6
## 1647    ENE    17    ESE     S       7     9
## 1648    E      15    <NA>    E       0     7
## 1649    ESE    15    N       S       2     6
## 1650    WSW    54    ESE     NNE     7    17
## 1651    NNE    28    E       NNE     4    11
## 1652    W      22    ESE     SW      7     7
## 1653    WSW    33    <NA>    W       0    22
## 1654    WNW    30    E       W       6    15
## 1655    W      52    E       NNE     7    17
## 1656    WNW    50    NNW     WNW    15    24
## 1657    WNW    35    WNW     WNW    15    26
## 1658    W      46    <NA>    WNW     0    24
## 1659    S      26    S       SSE     7    15
## 1660    WNW    28    ENE     W       4    15
## 1661    NNE    50    SE      E      13     7
## 1662    SE     30    SE      ESE     7     9
## 1663    WNW    35    SE      W       7    22
## 1664    WNW    70    WNW     NW     11    11
## 1665    NW     39    W       WNW    20    20
## 1666    W      43    WNW     W      22    19
## 1667    WSW    26    N       W       4    13
## 1668    E      30    SE      NE     11    13
## 1669    NE     31    SE      ENE     7    17
## 1670    WNW    39    SSW     WNW     4    22
## 1671    WNW    31    E       NW      6    13
```

```
## 1672      W    70    WNW      W    35    35
## 1673    ENE    22      E    NNE     9    13
## 1674    WNW    59    WNW      W    30    31
## 1675    NNW    26    SSE      N     4    13
## 1676    NNE    50      E    NNE     6    28
## 1677    WNW    72      N    WNW    17    30
## 1678    WNW    80    NNE    NNW    22    28
## 1679      W    43    WSW      W    24    28
## 1680     SW    20    SSE    WNW     7     9
## 1681    NNW    28     SE    NNE     9    13
## 1682      W    41   <NA>    NNW     0    17
## 1683     NW    31    ESE    WNW     6    13
## 1684    WNW    31    ENE     NW     4    19
## 1685    NNE    28     SE      N     9    15
## 1686    ENE    28    ENE      S     7    11
## 1687      W    37      W    WNW    17    17
## 1688      N    28      E      N     6     9
## 1689      W    61   <NA>      W     0    35
## 1690    WNW    44    WNW    WSW    15    24
## 1691    NNE    30    ESE      S     2     6
## 1692      N    50    ESE    NNW     6    35
## 1693    WNW    69    WNW    WNW    26    46
## 1694      E    22     SE    NNW     6    11
## 1695      E    28      E    ENE    11    13
## 1696    ENE    33    SSE    ENE     6    19
## 1697    WSW    33    SSE      E     7     9
## 1698     NW    52   <NA>    ENE     0    24
## 1699     NW    46     NW    WNW    17    20
## 1700      W    56    WSW    WSW    26    22
## 1701    WNW    35    WNW    WNW     7    26
## 1702    WNW    37      W    WSW    11    19
## 1703    NNW    22    SSE    WSW     6    13
## 1704    ENE    30    ESE    SSE     9    17
## 1705    SSE    46     SE    SSE    24    17
## 1706      W    31    SSE     NW     9    11
## 1707      W    28    ESE      W     4    19
## 1708      N    30     SE     NE     7     9
## 1709      W    26    ESE    SSE     6    11
## 1710    WSW    67    WNW    WSW    30    35
## 1711      W    30    SSE     SE    13    15
## 1712     SE    33      S     SW     7     9
## 1713    NNW    31    SSE     NW     7    13
## 1714    SSE    22    SSE    WNW     4     4
## 1715      W    48    ESE      N     2    30
## 1716    WSW    43    WSW    WNW    22    26
## 1717    ESE    43    SSE     SE    20    24
## 1718     SE    46     SE    SSE    17    26
## 1719      W    46    SSE      W    11    26
## 1720    NNW    31    WNW    WNW    13    22
## 1721     SW    35      W    WNW     9    15
## 1722    WSW    35    SSW     SW     7    11
## 1723     NE    54    SSE     SE    20    11
## 1724    ESE    24    ESE    SSE     9    13
## 1725     NW    31    ESE    WSW     4    15
```

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```
## 1726        W      22       E       E       6       7
## 1727       NW      59      SE       N       7      13
## 1728      WSW      31     NNE      NW       2      11
## 1729        W      46     WSW     WNW       7      22
## 1730        W      33       W      NW       7      17
## 1731       SE      50     WSW      SW       9      19
## 1732      ESE      48     SSE      SE      24      24
## 1733      WSW      33     ESE       W       4      17
## 1734        W      31       S       S       9      15
## 1735      NNW      76     SSE     WNW       7      33
## 1736      WNW      33     SSE     SSW      17      17
## 1737      WNW      26     SSE       E      17       7
## 1738        E      33     ENE     WNW      20      13
## 1739       NE      28      NE      NE      13      11
## 1740        W      44     SSE      NW       9      30
## 1741       NW      54       S       S       9       7
## 1742      WSW      56     WNW       W      20      28
## 1743      WNW      43     WSW     WSW      11      22
## 1744      ENE      44      SE     WNW       7      13
## 1745        N      31      SE      NW       9      13
## 1746      WSW      50       E       W       6      22
## 1747        W      44     WNW       W      19      30
## 1748        W      43       W       W      20      19
## 1749        W      35     SSE       W       2      24
## 1750        W      37      SE     WNW       6      22
## 1751       NW      33     WSW     WSW       6      19
## 1752       SW      41     SSE      NW      13      11
## 1753      SSW      43      SE     NNE       7       7
## 1754        N      30       E     ESE       7       9
## 1755      ENE      28      SE     ESE      15      13
## 1756      NNW      37       N     NNW      20      11
## 1757       SW      46     SSE      NW       7      17
## 1758      WNW      54     SSE      NW      19      33
## 1759       SW      39     ENE     WSW      15      22
## 1760       NW      37     WNW      NW      20      19
## 1761      SSE      20       E      SW       6       9
## 1762      NNE      28       E       N       2       9
## 1763       SW      52     ESE     NNE       7      11
## 1764      SSE      24     SSE      SE       7       7
## 1765        W      39      SE      NW       6      15
## 1766      WNW      35      SE       S      15      13
## 1767      WNW      41     NNE     WNW      11       9
## 1768      WSW      43     SSE     WSW       7      22
## 1769      WNW      43     SSE     ENE      11      20
## 1770        W      31     WNW     WNW       6      20
## 1771      WSW      44     ENE       W       6      15
## 1772        W      46     WSW       W      24      19
## 1773      WNW      65      SE      NW       6      30
## 1774      WSW      56     WSW      SW      28      24
## 1775      SSE      41       S     SSE      17      13
## 1776       SE      33     SSE      SE      20      11
## 1777       NE      31      NE      NE      17      15
## 1778      NNE      28    <NA>     ESE       0      13
## 1779      WSW      30       E       W       7      13
```

```
## 1780    SSE    30    SSE      W     15     7
## 1781    ESE    46     NE    NNE     11     7
## 1782    NNW    33     SE    NNE      7     9
## 1783    SSE    28    SSE    SSW      7    11
## 1784      N    35      E    SSW      9    13
## 1785     NE    33    SSE     NE     11    19
## 1786    WSW    39    ESE      W     11    30
## 1787     NW    37      S      W      6    19
## 1788    SSE    52    SSE     SE      9    11
## 1789     SW    41     NE    WSW      7    19
## 1790    ESE    39    SSE    SSE     20    19
## 1791    NNE    31     NE      S     17    11
## 1792     NE    41     NW     NW     20    15
## 1793    ESE    35      S     SE     11    19
## 1794    SSE    28    SSE     SE     11     9
## 1795    NNE    28    ENE    WNW      9     9
## 1796      N    31      S     NE      7    11
## 1797    NNW    39      E    NNW      7    13
## 1798      N    35     SE     NE      9    15
## 1799      W    44    SSE      W      9    13
## 1800      W    39    SSE     NW      7    11
## 1801    NNE    28    SSE      S      7    15
## 1802      W    57     NE      N     15    13
## 1803     SE    48    SSE    SSE     28    24
## 1804    NNE    33    SSE      S     11    11
## 1805     NE    31    NNE      S     19     9
## 1806    SSW    37     SE     NE      7     9
## 1807      N    33      E     NW      7    17
## 1808    NNW    63    ESE      N      7    24
## 1809      W    28    SSE    WSW     15    15
## 1810     SW    30     SE      W      9    19
## 1811     SE    19    SSE    SSE      6    11
## 1812      S    22     NW    SSE     11    13
## 1813    WSW    28     SE    WSW      9    13
## 1814      E    20    ENE      E     13    13
## 1815      W    43      W    WSW     11    26
## 1816     SE    31    SSE      S      9     7
## 1817      N    35     SE    NNE      6    17
## 1818    WNW    83      E      W      6    30
## 1819      W    46    WNW      W     13    24
## 1820    WNW    35      W    WSW     15     7
## 1821     SW    24      S      W      7    15
## 1822      S    20    ESE     SW      6     9
## 1823      S    24   <NA>    SSE      0    11
## 1824    WNW    54    SSE      N      2    20
## 1825    WSW    41   <NA>    NNW      0    19
## 1826     SW    33    SSE    SSE      4    13
## 1827    NNE    31    SSE    NNE     15    17
## 1828     NE    50   <NA>    WNW      0     7
## 1829     NE    20      S      S     11     9
## 1830     SE    19    SSE     SE      6     9
## 1831    SSE    41     SE      E      6     4
## 1832      N    28     NE    ENE     13     7
## 1833    WNW    41    ENE    NNW      2    19
```

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```
## 1834    SSW    30    <NA>    WNW     0    17
## 1835     NE    61    <NA>    NNW     0    15
## 1836    ENE    24      SE    NNE     7    13
## 1837      E    28     ESE    SSE     7    11
## 1838    WNW    50    <NA>    NNW     0    19
## 1839     NW    31     SSE    WNW     6    19
## 1840    SSW    20    <NA>    SSE     0    11
## 1841    NNW    37    <NA>    NNW     0    24
## 1842    NNW    63     SSE     NW     6    24
## 1843    WNW    48     WNW      W    24    26
## 1844     NW    37      SE     NW     7    13
## 1845    WNW    31       S      W     4    19
## 1846    SSW    28    <NA>     SE     0    13
## 1847     SE    24    <NA>      S     0     9
## 1848    NNW    72     ENE    NNW    13    35
## 1849      W    24    <NA>      W     0    15
## 1850      W    35    <NA>     NW     0    15
## 1851     NE    24       S    NNE     7     9
## 1852     SE    31     SSE    SSE     9    20
## 1853     SE    24       W    SSE     2     9
## 1854     SE    28     ENE      N     9    15
## 1855      W    20      SE     SE     6     7
## 1856    WNW    19      SE      W     6    11
## 1857    SSE    22      SE    ESE     6     9
## 1858    SSE    19      SW    SSE     2     7
## 1859    SSE    19    <NA>     SE     0    11
## 1860      E    24     WNW    ESE     2     9
## 1861    WSW    17    <NA>     SE     0     9
## 1862     SE    48     SSE     SE    11     9
## 1863    SSE    30       S    SSE     9     9
## 1864    ESE    19      SE      S     9     6
## 1865      E    30       S    ENE     6     7
## 1866    ENE    22      SE    ESE     6     9
## 1867     SE    20     SSE      S     9     7
## 1868      E    20     ESE      E    11    13
## 1869    SSW    30       S      W     7    15
## 1870    SSW    44       S    SSE     6    17
## 1871    SSE    28     SSE    WSW    11    15
## 1872     SE    30     ESE     SE    17    15
## 1873    SSE    50       S      S     6    11
## 1874    WNW    22       S      W     4    13
## 1875    WNW    24     ENE      W     4     9
## 1876      W    37    <NA>      W     0    19
## 1877    SSW    30     SSE      W     7    13
## 1878     SW    24    <NA>     SW     0    17
## 1879     SW    17       E    SSE     7     9
## 1880     NE    28     ESE     NE     2    19
## 1881     NE    31     ESE      N     6    13
## 1882    WNW    33    <NA>    WNW     0    17
## 1883    NNW    22       S    NNE     2    11
## 1884      W    41    <NA>    WNW     0    24
## 1885    NNE    19       E    NNE     2    11
## 1886    SSE    20      SE     NE     6     9
## 1887      W    52    <NA>    NNE     0    13
```

```
## 1888       WNW         28         WNW          W         17         11
## 1889       NNW         24        <NA>          NW          0          6
## 1890       NNW         26          SE         NNE          6         11
## 1891         W         30           W         WNW          6         19
## 1892         W         39           W           W         24         22
## 1893         W         30           W         WNW         17         11
## 1894       NNW         24           W           W          7         13
## 1895        SE         33           S         SSE          9         11
## 1896       SSE         28         SSE          SE          7         11
## 1897       SSE         17        <NA>         ESE          0          7
## 1898       NNE         22          NE         NNE          4         13
## 1899       WNW         26           W         WNW          7         17
## 1900       ESE         13         ESE          SE          2          9
## 1901       SSE         15          SW          SE          6          9
## 1902       SSE         20        <NA>          SE          0          9
## 1903       SSE         15         SSE          SE          2         11
## 1904         E         15         ENE          SE          6          7
## 1905         E         11        <NA>         ENE          0          7
## 1906        SE         11          SE          SE          4          6
## 1907         W         33        <NA>         SSE          0         13
## 1908         N         19           E         NNE          6         13
## 1909        NE         15        <NA>          SW          0          7
## 1910        SE         19           W          SE          2         13
## 1911       WNW         19          NE         WNW          6          7
## 1912        NW         22          SW          NW          2         13
## 1913         E         15        <NA>          SE          0         11
## 1914       ENE         19          NE          SE          6          7
## 1915       NNE         63           N          NE         13         20
## 1916       WNW         26          NW          NW         13         15
## 1917       SSE         13           S         SSW          6          2
## 1918        SE         15        <NA>         ESE          0          6
## 1919        NE         22          NE         ESE          4          7
## 1920       ESE         24         ENE         SSE          9          6
## 1921        NW         26         ENE         WNW          7         11
## 1922        NW         30          NW          NW         15         15
## 1923      <NA>         NA          NE         WNW          6         11
## 1924        SE         17        <NA>           E          0          7
## 1925        SE         20        <NA>         SSE          0          9
## 1926       WNW         17        <NA>         WNW          0         11
## 1927       SSE         30           N         SSE          2         13
## 1928         S         19           S           S          7         11
## 1929       SSE         11         ESE         ESE          2          4
## 1930       SSE         13        <NA>          SE          0          9
## 1931       ENE         24        <NA>         ENE          0         15
## 1932       ENE         20        <NA>           E          0          9
## 1933       WSW         19         SSW         SSW          7         11
## 1934         W         35         ENE         WSW          4         17
## 1935       WNW         43        <NA>           N          0          9
## 1936         W         22          NW        <NA>         11          0
## 1937        SE         13         SSE        <NA>          7          0
## 1938        SE         17         SSE         SSE          7          6
## 1939       NNW         24        <NA>         NNW          0         13
## 1940         N         17           W           N          2          9
## 1941       ENE         15         SSE          SE          6          7
```

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```
## 1942       NNE       52       NNE        N        20        28
## 1943       WNW       67       NNW       WNW       24        35
## 1944         W       48       WNW       WNW       20        22
## 1945        NW       48       NW        WNW       17        20
## 1946       NNE       33       NNE       NNE       13        20
## 1947        NW       44        N        NNW       17        24
## 1948       NNW       56       NW        WNW       22        20
## 1949         W       28       SW         W         6        17
## 1950       WNW       48       NW        WNW        9        11
## 1951       WSW       20        E         W         6         7
## 1952       ENE       13      <NA>       NE         0         2
## 1953       NNE       22        E         N         7        15
## 1954        NW       39       NW        WNW       17        11
## 1955       WNW       33       NW         W        13        19
## 1956       WNW       19        W        NW         6         6
## 1957        NE       30      <NA>       NE         0        17
## 1958       NNE       43       NNE        N        11        13
## 1959       WNW       35       WNW       WNW       19        17
## 1960       WNW       28        W        NW         9        13
## 1961       WSW       39       NW         W         9        28
## 1962        NW       22       NNW       WNW        2        13
## 1963       NNW       13       NNW       ESE        2         9
## 1964        NE       24       SE        NE         6        13
## 1965       NNW       20        N        NNW        9        15
## 1966       WSW       50       WNW        W        26        22
## 1967         W       39       WNW       WSW       20        26
## 1968       WSW       20       SSE       WNW        4         7
## 1969        SE       13      <NA>       NW         0         6
## 1970         S       15       NNE        E         2         6
## 1971       SSE       13      <NA>       SE         0         6
## 1972        SE       13      <NA>        E         0         6
## 1973         E       20      <NA>       SE         0        11
## 1974       SSW       46      <NA>       NNW        0        11
## 1975        NW       20        S        WNW        4         9
## 1976       NNE       15       NNW       NE         7         6
## 1977       NNE       24      <NA>       NE         0        17
## 1978       NNW       41      <NA>       NNW        0        22
## 1979       WNW       43       NW        NNW       24        17
## 1980       NNW       56        N        NNW       11        30
## 1981       WNW       54       NW         W        13        19
## 1982         W       24        E        NW         4         7
## 1983        SE       15      <NA>       ESE        0         9
## 1984       NNW       13      <NA>       SSW        0         6
## 1985       WNW       24       ESE        W         6        13
## 1986       ESE       11        S         S         2         2
## 1987        NW       26      <NA>       WNW        0        11
## 1988       SSE       13       ENE        E         6         7
## 1989       NNW       17       ENE       SSE        4         4
## 1990         W       39       SW        WSW        2        24
## 1991         W       20       SSE       SW         6         2
## 1992        SE       22       SE        SSE        9         7
## 1993       SSE       24        S         S         6        11
## 1994        SE       13      <NA>       SE         0         4
## 1995        SE       19       ESE       ESE        6         6
```

```
## 1996      E     15    NE   SSE    4    6
## 1997    SSW     22    SE   SSW    9   13
## 1998    SSE     30     S   SSE    6   20
## 1999     SW     52 <NA>   SSW    0    7
## 2000    SSW     15 <NA>     S    0    9
## 2001      E     52     E   SSE    2    7
## 2002    SSE     15    SE   SSE    4    7
## 2003     NE     22   ESE     E    4   11
## 2004    NNW     26    SW    NW    6   13
## 2005     SE     13   ENE   ESE    4    9
## 2006     SE     30    SE     E   17   15
## 2007      E     15 <NA>    SE    0    9
## 2008    WSW     22 <NA>     W    0    6
## 2009    WSW     17   ENE   WSW    6    9
## 2010    WSW     20 <NA>     W    0   15
## 2011     SE     19   ENE   ESE    4   13
## 2012    WSW     43     E    NW    9   17
## 2013    SSW     61     W    SW   17   35
## 2014      W     24   ESE     W    6   13
## 2015    WSW     24    SE   SSW    2    9
## 2016     SE     26   ESE   SSE    6    9
## 2017    SSE     19 <NA>   SSE    0    9
## 2018      E     24   ESE     E    9   11
## 2019     NE     37   ESE    NE    6   22
## 2020    WNW     78   NNE    NE   20   17
## 2021    WNW     35   WNW    NW   11   13
## 2022      W     54   WNW     W   20   28
## 2023      W     22    SE     N    2    7
## 2024    NNE     17   SSE   NNE    7    7
## 2025      W     33   ENE     W    9   19
## 2026    ESE     28    SE    NE    7   17
## 2027      W     37   NNW     N   13   11
## 2028      W     48   WNW   WNW    9   28
## 2029      W     35     W     W   15   22
## 2030    WNW     28 <NA>     W    0   17
## 2031    SSE     26   SSE   SSE    7    9
## 2032   <NA>     NA   ESE   SSE    9   11
## 2033   <NA>     NA <NA> <NA>    NA   NA
## 2034   <NA>     NA <NA>    SE   NA   11
## 2035      E     30   ENE     E    7   20
## 2036      W     30   SSE    NE   17    7
## 2037     NW     28     E    NE    9    6
## 2038      W     26   ESE   WNW    9   17
## 2039    NNE     33    SE    NE    6   20
## 2040    NNE     30   NNE     N    9   17
## 2041    WSW     72    SE    NW    4   30
## 2042    WSW     41     W   WSW   17   28
## 2043      W     39     E     W    6   28
## 2044   <NA>     NA    SE   ESE    4    9
## 2045      N     24     E    NW    6   11
## 2046    WNW     31    NE   SSE    2   11
## 2047      N     72    SE    NW    6   15
## 2048      W     65     W   WNW   17   24
## 2049    WSW     43   SSE     W    2   26
```

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```
## 2050       WNW        24        ESE       NNW         7          6
## 2051       E          19        <NA>      SE          0         11
## 2052       SSE        20        SE        SSE         7         15
## 2053       NNE        48        SSE       NNW         6         22
## 2054       W          48        W         WSW        13         33
## 2055       ESE        41        WSW       S          11         17
## 2056       SE         22        W         N           4          2
## 2057       WNW        39        E         WNW         2         26
## 2058       E          28        SSE       NE         13         13
## 2059       SE         39        SE        NE          9          9
## 2060       SE         41        <NA>      SE          0         15
## 2061       SE         31        SE        SSE        19         11
## 2062       ENE        26        SE        NE          9          7
## 2063       N          30        SE        NE          9         11
## 2064       NE         31        S         ESE         2         15
## 2065       W          46        NE        W          15         26
## 2066       E          20        E         E           4         13
## 2067       W          39        N         WNW         2         22
## 2068       W          67        S         WSW         7         30
## 2069       W          41        WNW       WSW        15         22
## 2070       W          28        WSW       WNW        11         13
## 2071       W          35        E         WSW         6         20
## 2072       NW         39        SE        NNW         7          7
## 2073       W          59        WNW       W          22         35
## 2074       W          43        WSW       WSW        17         26
## 2075       SSE        24        S         S           9         11
## 2076       W          41        S         ENE         9          6
## 2077       WNW        41        S         W           6         24
## 2078       WNW        30        SE        W           9         13
## 2079       S          20        SE        ESE         7         11
## 2080       ENE        37        ESE       NNW         6         11
## 2081       WNW        37        SE        W           9         24
## 2082       W          41        SSE       W           7         19
## 2083       NW         24        SE        SW          9         11
## 2084       NW         28        ESE       SSE         9          9
## 2085       WNW        24        E         W           6          9
## 2086       SW         52        S         SW          6         31
## 2087       W          37        WSW       W           6         15
## 2088       W          52        W         W          28         33
## 2089       W          33        W         WNW        17         20
## 2090       NW         31        SE        WNW         6         15
## 2091       W          30        E         WSW         7         11
## 2092       WSW        56        SSE       NNW         6         22
## 2093       W          41        W         WNW        17         26
## 2094       W          35        ESE       W           9         15
## 2095       NW         41        S         WNW         9         26
## 2096       WSW        69        NNW       NE         11         17
## 2097       WSW        44        W         W          17         24
## 2098       WSW        35        SE        NW          4         17
## 2099       SSE        26        SSE       NNE        17          9
## 2100       SSE        24        SSE       SSW         7          9
## 2101       NE         30        SE        ENE        11          9
## 2102       NE         44        NE        E          20         17
## 2103       NNW        57        ENE       SSE        20          6
```

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```
## 2104      W      39      SSE       W       7      20
## 2105     WSW     31       NW      ENE      4      13
## 2106     ENE     37      ESE       S       7      13
## 2107      SE     37       NE      SSW     11      15
## 2108      NE     43        S      ENE      9      11
## 2109      SE     31      SSE       NE     17      13
## 2110      W      37      ENE       NW      6      22
## 2111      SW     31      ESE       S       9       7
## 2112     SSE     33        S      SSE      7      20
## 2113     SSE     54      SSE       E      17      33
## 2114      SE     35      SSE      SSE     22      17
## 2115     SSE     50       NE       W      15       9
## 2116     SSE     28      SSE      SSE      7      11
## 2117     NNW     39       SE      WSW      9       9
## 2118      NW     65        N      WNW     24      31
## 2119      SW     43      WSW       SW      9      11
## 2120     WSW     54      ESE       W       7      26
## 2121      W      41        S      WSW      7      22
## 2122      S      26       SE       W       6      13
## 2123      NE     28      ESE      WSW      7      19
## 2124     NNW     43      ESE       SE     11      11
## 2125     ENE     41       NE       NW     13      26
## 2126     WSW     57      ENE      WSW      7      22
## 2127     WNW     41      SSE       N       2      20
## 2128      W      43      WSW       W      24      15
## 2129      NE     39        S      ENE     11       9
## 2130     ENE     28       SE      ENE     11      13
## 2131      NW     85      NNE       NW     19      44
## 2132      W      46      WNW      WSW     20      26
## 2133      W      30       SE      WNW      6      17
## 2134     WSW     30      ESE       W       7      11
## 2135      NE     56      ESE      ESE      9       9
## 2136     NNE     48       NE       N      20      20
## 2137     NNE     41      ESE       W       7       7
## 2138      E      33      SSE       SE      7       9
## 2139      NE     39      ESE       SW      9      13
## 2140     NNE     31       SE      NNE      9      19
## 2141      N      44      ENE       SW     13      26
## 2142     SSE     30      ESE       S       9      20
## 2143     SSE     24      SSE      SSE      7      13
## 2144      NE     28      ESE       E       9      11
## 2145     NNE     39       SE       SE     13       7
## 2146     NNE     39      ENE      NNE     20      13
## 2147     WSW     50      WNW       W      15      22
## 2148     WNW     43      WSW       NW      9      20
## 2149      NW     41        W        W       7      20
## 2150     WNW     48        W      WNW     19      20
## 2151     WSW     37       SE      WSW      4      11
## 2152     SSE     28      SSE       S      20       9
## 2153      NW     59        E      NNE     17      19
## 2154      SE     35      SSE      ESE      6      11
## 2155      NE     24       SE      NNE      7       9
## 2156      SW     63        E        N      13      13
## 2157     WNW     28     <NA>      NNW      0      13
```

```
## 2158     NW   46   WNW     W     19    22
## 2159    SSE   26   SSE    ENE     9     9
## 2160     SE   43    SE     SW    19     9
## 2161    SSE   50    SE     SE    22    24
## 2162     SE   46    SE    ESE    15    15
## 2163    ESE   33   SSW    SSE     9    19
## 2164    WSW   31   SSW    WNW     6     2
## 2165     SE   43   SSE     S     11    11
## 2166    SSE   33    SE    SSE    20    20
## 2167    WSW   33   ESE     W      7    11
## 2168     SE   37   SSE    ESE    19    13
## 2169     SE   28   SSE     SE    19    11
## 2170     SW   33   ENE    WSW    13    13
## 2171    WNW   43    NE    SSW    13    17
## 2172     NW   41     E      S      4     9
## 2173     NE   31    SE    NNW    19    17
## 2174    ENE   30   ESE     E      6    15
## 2175     SE   81   SSE     N      9    13
## 2176      E   56   SSE    SSE     4    15
## 2177     SE   31    SE     E      7     6
## 2178    NNE   31   ENE     E      9     9
## 2179     SW   24    SE     S     11     9
## 2180    NNE   41     S      N      6     9
## 2181    NNE   37    SE     NW     9    20
## 2182     NE   50   SSE     SE     9    17
## 2183      N   35     E      N      7    20
## 2184      S   30   ESE    SSW     7    11
## 2185    NNE   31   SSE     SE     2     7
## 2186     NE   33   ESE    SSE     7    13
## 2187      W   50   SSE     NE     6     9
## 2188     NW   39   SSE     S      9    11
## 2189     SE   24   SSE    NNE     7     9
## 2190    WNW   24   SSE    ESE     9    11
## 2191     SW   28   SSE    WSW     9    20
## 2192     NW   37   SSE    WNW     9    20
## 2193    WNW   39     W      W     19    26
## 2194    SSE   43    SE     S     15    11
## 2195    WNW   30   SSE    WSW     6    15
## 2196    WNW   37    SE     W      6    22
## 2197      W   54     W    WSW    28    28
## 2198    WNW   43   WSW    WNW    15     7
## 2199      W   30    SE     NW     2    15
## 2200    WNW   33  <NA>     W      0    19
## 2201      W   37  <NA>     W      0    15
## 2202    NNW   33   ESE    WSW     6    17
## 2203      W   39    SE    WNW     7    19
## 2204      W   39  <NA>     W      0    24
## 2205     SE   57   SSE     S     17    11
## 2206    WNW   30   ESE    SSW     7    11
## 2207     SE   37   SSE    SSE    11    20
## 2208     SE   26   SSE    NNE     9     9
## 2209    ENE   33   ENE     N      4    19
## 2210      W   41    SW     W      9    22
## 2211      N   37   SSW     N      2    15
```

```
## 2212      WNW      43      WNW        W      24      22
## 2213      SSE      28      SSE      SSE      13      11
## 2214      NNW      50      SSE      NNW       6      15
## 2215      WSW      46      SSE       NW       9      20
## 2216      WNW      37      NNW      WNW      11      24
## 2217        N      52      ENE      NNE       6       6
## 2218      WNW      46       NW        W      13      22
## 2219       SW      41      WNW      WSW      19      19
## 2220      SSE      20        S      NNW       6       7
## 2221        W      24     <NA>      WNW       0       9
## 2222      WNW      26       NE      WSW       7      11
## 2223       SE      22       SE       SW       2      11
## 2224        N      33     <NA>      NNE       0      17
## 2225      WNW      37       NE      WNW       6      26
## 2226      SSE      26      SSE      ENE      13      11
## 2227        E      30      SSE      NNE       6      11
## 2228      WSW      28     <NA>        W       0      11
## 2229        S      26        E       SE       6       9
## 2230       SW      37        S        W       6      19
## 2231      SSE      37        W        E      15       9
## 2232      ESE      31        S       SE       7      15
## 2233        S      24      SSE       SW       9       9
## 2234        W      19       SE      WSW       4       4
## 2235        W      31        E       NW       2      17
## 2236      SSW      20       SE        W      11       9
## 2237      SSE      24        E      SSE       6      19
## 2238      ENE      39      ENE       SE       9      13
## 2239       NW      30        E       NW       6      20
## 2240      ENE      19      ENE       SE       9       6
## 2241      WNW      35      NNE      WNW       9      13
## 2242      SSE      35        W      ESE      20      17
## 2243      SSE      54        S       SE      19      28
## 2244       SE      48      SSE        S      30      30
## 2245      SSE      44        W      SSE       9      22
## 2246       SE      30        N        S       6       9
## 2247        N      26        N       NW       7      17
## 2248      SSE      26        S       SE       7      15
## 2249        W      37       NE      WNW       4      24
## 2250      WSW      28      ESE      NNW       9       7
## 2251      SSE      22     <NA>       NE       0       6
## 2252       SE      33      SSE      ESE       9       6
## 2253       SE      22     <NA>       SE       0      13
## 2254      ESE      19     <NA>      SSE       0       9
## 2255        S      11     <NA>      SSE       0       7
## 2256        W      22        N        W       2      13
## 2257      WNW      17      NNE        N       2      11
## 2258       NW      65      SSE      WNW       6      35
## 2259      WNW      41        W      WNW      13      19
## 2260        W      35      WNW      WNW      19      19
## 2261        W      28      NNW       NW       9      11
## 2262       NW      39       NW      WNW      15      24
## 2263      WNW      72       NW      WNW      19      30
## 2264        W      50      WNW        W      26      28
## 2265        W      44       NW      NNW      20      24
```

```
## 2266        W      43         W     WSW       19       31
## 2267        W      26         W       W       13       17
## 2268      SSE      15        SE     SSE        2        6
## 2269        E      44      <NA>       E        0        2
## 2270        E      20       ESE      SE        7        6
## 2271       NE      13      <NA>     ESE        0        4
## 2272        W      57        NE     SSW        2       13
## 2273      WNW      26         N      NW       11       17
## 2274        W      17       ENE       W        4        9
## 2275       SE      35         S      SE       13       13
## 2276      NNW      13       WSW      NW        4        4
## 2277       SE      13      <NA>     ESE        0        9
## 2278      ESE      15      <NA>      SE        0        7
## 2279      ESE      13      <NA>     ESE        0        2
## 2280      ENE      20      <NA>     ENE        0       17
## 2281      NNE      33         E     NNE       15       20
## 2282      WNW      30      <NA>     WSW        0       13
## 2283      WNW      31       SSE      NW        2       19
## 2284       NW      33        NE      NW        6       17
## 2285        W      44         W       W       19       22
## 2286      SSW      15         E     NNE        4        2
## 2287        E      17      <NA>     ESE        0        6
## 2288      NNE      17       ENE     ESE        4       11
## 2289      SSE      17       SSE     SSE        9        9
## 2290      NNW      17       SSW       N        6        4
## 2291        E      15       ESE     ESE        7        7
## 2292        N      44      <NA>       N        0       17
## 2293        W      37       WNW     WSW       19       19
## 2294       SE      22      <NA>      SE        0        9
## 2295      ESE      41      <NA>       E        0        9
## 2296       SE      13      <NA>      SE        0        6
## 2297        N      11      <NA>     ESE        0        7
## 2298        E      15      <NA>       E        0        9
## 2299      ESE      17      <NA>     ESE        0        6
## 2300      ESE      19       ESE       N        6        6
## 2301        W      20         S     WSW        2        6
## 2302      SSE      15      <NA>    <NA>        0        0
## 2303      SSE      22         S       S       11        7
## 2304       SE      20         S     ESE        4        6
## 2305      ENE      15       ENE     ESE        2        6
## 2306        E      13      <NA>     ESE        0        7
## 2307        N      28      <NA>     ENE        0       15
## 2308      ESE      15        NE     SSE        2       11
## 2309      SSE      17       WSW     NNE       11        7
## 2310      ENE      11         N       E        7        6
## 2311        W      19      <NA>      SE        0        6
## 2312        N      20      <NA>     ENE        0        7
## 2313        E      15       SSE     SSE        7        6
## 2314      WSW      15       ESE     WSW        9        7
## 2315        W      19       ENE     NNW        6        6
## 2316      WSW      50         N      SW        7       28
## 2317       NW      20      <NA>     NNW        0       13
## 2318        W      24      <NA>       W        0       13
## 2319      SSE      13      <NA>      NW        0        6
```

```
## 2320    WSW    17    <NA>    WSW     0     9
## 2321    SSE    20     SE     ESE     9     4
## 2322     E     13     SE      E      6     6
## 2323     SE    17    <NA>     SE      0    11
## 2324     NE    24     SE     NNE     6    13
## 2325    NNE    43    NNE      N     13    19
## 2326     W     30    ESE      W      6    17
## 2327     W     50    WSW      W     24    30
## 2328     W     33    WNW     NW     11    17
## 2329     NE    30     S      SSE    13    11
## 2330     SW    19    SSW     WSW     6    11
## 2331     W     31    WNW     WSW     6    20
## 2332    NNW    52    <NA>    SSE      0     7
## 2333     SE    13    ESE     SE      4     9
## 2334     E     15    <NA>     E      0     7
## 2335    NNE    28    <NA>     NE      0    19
## 2336    NNE    48    NNE      N     20    19
## 2337    ENE    13    NNE    ENE      2     2
## 2338    NNW    39    <NA>     N      0    13
## 2339     NW    35    NNW     NNW    17    24
## 2340     W     54    WNW      W     17    33
## 2341    WNW    26     W      WNW    11    15
## 2342    WNW    26    <NA>    WSW      0    13
## 2343     E     17     E      ENE     9     2
## 2344    NNW    30    ESE     NNW     6    19
## 2345     N     22    <NA>     N      0    11
## 2346     NW    17     E      <NA>    9     0
## 2347    WNW    35     W      WSW    13    20
## 2348    WSW    52    WNW     WSW    26    26
## 2349     W     30    ENE     WNW     6    19
## 2350     W     46    WNW      W     24    22
## 2351     SW    20    WSW     WNW    13    13
## 2352    WNW    52    ENE      W      9     9
## 2353    NNW    44     SE     WNW     2     9
## 2354    ENE    13    ESE      E      4     9
## 2355    NNE    31     SE     NNW     9    19
## 2356    NNW    30    SSE     NNW     6    15
## 2357     N     28     SE     ENE     6     9
## 2358    WSW    33    WSW      W     15    15
## 2359    ENE    13    ENE     NE      6     7
## 2360     E     17     NE      S      2     4
## 2361     W     30     SE     WNW     6    19
## 2362    WSW    43    WNW     WNW    17    19
## 2363     SW    17    <NA>     W      0     7
## 2364     NE    19    <NA>    SSW      0     9
## 2365    ESE    19    <NA>    NNE      0     9
## 2366    NNE    37     E      NE      7    11
## 2367     N     24    ESE     NNW     2    11
## 2368    ENE    15    SSE     NNE     2     9
## 2369    SSE    35     SE     SE     13    19
## 2370    SSE    35    SSW      S      9    11
## 2371     S     19    SSE     SSW     7     9
## 2372     W     44     W       W     11    31
## 2373    WNW    24    <NA>     W      0    15
```

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```
## 2374      W         30      W       WSW       6      17
## 2375      W         19    <NA>      WSW       0       9
## 2376      W         24    <NA>       NW       0      15
## 2377    NNW         24      E       WNW       7       9
## 2378    ENE         31    ESE        E        7      17
## 2379     SW         35    WNW        S        2      22
## 2380    WNW         24     SE       WNW       6      13
## 2381    WNW         22    NNE        W        6      11
## 2382      N         33     SW        N        6      22
## 2383    WSW         50      W       WNW      15      28
## 2384    WSW         43    NNW        W       11      20
## 2385      W         41     NE       WSW       6      26
## 2386    ESE         28      S        E        7       7
## 2387    NNE         30    ESE       NNW       7      19
## 2388      W         20     SE        W        4      11
## 2389     NE         20      E        NE       7       9
## 2390    NNE         33      E        N        7      20
## 2391      W         54      W        W       28      28
## 2392    WNW         35      S       WNW       2      17
## 2393    WSW         35    SSE       WSW       4      24
## 2394     SE         24     SE       SSE       9       9
## 2395     NE         24     SE       NNE       7      11
## 2396    ENE         22      E        NE       7      11
## 2397      W         35    <NA>       NW       0      17
## 2398     SW         41    WSW       SW       20      20
## 2399     SE         43    SSE       ESE       6      11
## 2400     SE         39    SSE       ESE       9      20
## 2401     SE         33      W        SE       2      17
## 2402     SE         22     SE        W       17       9
## 2403      W         28      E        W        6      15
## 2404    NNW         37      E       NNW       7      15
## 2405    WNW         37    NNW        W       11      20
## 2406      E         20    SSE       NE        7       9
## 2407    WNW         30    ESE        W        2      13
## 2408    SSW         20      E        SW       6       9
## 2409    ESE         26     SE        NW       6      11
## 2410     NW         26     NE       NNW       4      17
## 2411      N         26    <NA>      NNE       0      13
## 2412    NNW         48    SSE       NNW       7      31
## 2413    SSE         30    SSE        SE       4      17
## 2414      E         17      S       SSE       7      11
## 2415    SSE         22    ENE       SSE       4       9
## 2416      N         35     SE       WNW      11      15
## 2417     SE         37      S       NNE       7      11
## 2418    WNW         37      S        W        6      15
## 2419     NE         39     SE        SE      19      13
## 2420    NNE         22    ESE       ESE       7      11
## 2421    NNW         39     SE       NNE       7      11
## 2422    SSE         22    SSE        S        2      15
## 2423    WSW         33     SE        W        6      20
## 2424     NW         22      S        SE       6      11
## 2425    SSE         22    SSE       SSE       4      13
## 2426     NW         54      E       NNW       2       7
## 2427    NNW         43      E        N        7      26
```

```
## 2428        ESE      33        SSE        ESE         17        17
## 2429        N        33        SE         NE          13         9
## 2430        W        30        SE         ESE          7         9
## 2431        ENE      28        ESE        N            7         6
## 2432        SE       48        W          W           19        22
## 2433        SE       48        SE         SE          26        17
## 2434        NE       19        ENE        SSW          6        11
## 2435        SE       22        ESE        SSE          9        15
## 2436        ENE      28        SE         E            9        17
## 2437        ENE      28        SE         NE          15        19
## 2438        WSW      57        ENE        NE          13        19
## 2439        WNW      44        NNW        W           11        24
## 2440        WSW      41        SE         NW          13        15
## 2441        N        35        SE         NNE         15        22
## 2442        NE       39        NE         NNE         19        17
## 2443        WSW      39        W          W            6        17
## 2444        W        37        W          WSW         19        20
## 2445        W        22        S          SSW         11         7
## 2446        W        30        SE         SE           6        11
## 2447        W        39        ESE        WNW          7        17
## 2448        NNE      31        SE         NNE          6        20
## 2449        S        50        E          NW           7        22
## 2450        SW       35        SSE        SW           7        24
## 2451        SE       39        SE         SSW         17        13
## 2452        SE       31        SE         E           22        20
## 2453        SW       24        ENE        SW           7        11
## 2454        NNE      35        SSE        WSW          9         7
## 2455        SW       41        SE         W            7        20
## 2456        W        44        SE         WNW          4        13
## 2457        SW       56        NE         SW           6        24
## 2458        WSW      33        W          SE          13         9
## 2459        NNE      30        NE         WNW         13        11
## 2460        W        41        WSW        W            9        20
## 2461        NW       35        <NA>       SSW          0        13
## 2462        N        52        SE         NNW          7        31
## 2463        W        63        W          W           37        28
## 2464        WSW      37        SSE        WSW          7        17
## 2465        W        30        E          NNW          9         7
## 2466        W        37        E          W            6        19
## 2467        W        31        SSE        NNW          7        13
## 2468        WNW      43        SW         W           15        26
## 2469        WSW      48        WSW        W           13        19
## 2470        SSW      24        SSE        SW          13         9
## 2471        NNW      24        WNW        NNE          7        11
## 2472        SE       26        E          SSE          7         9
## 2473        SW       33        SE         S            7        17
## 2474        E        31        SE         SE           7        13
## 2475        N        52        WSW        N           11        24
## 2476        WNW      35        NW         W           15        19
## 2477        W        46        NE         W            4        31
## 2478        W        57        WNW        W           20        33
## 2479        SW       31        W          WSW         15        15
## 2480        WSW      26        SE         SE           6        11
## 2481        ESE      43        ESE        SSW          6         9
```

```
## 2482      WNW      24      NNW      ESE       6      11
## 2483       SE      30       SE      SSE      22      15
## 2484      ENE      28       NE      SSE      19      15
## 2485      SSE      26       SE        W       9       9
## 2486      WNW      35       SE       NW       6      11
## 2487      NNW      63        N       NW      28      41
## 2488      WNW      33        W       NW      13       9
## 2489        N      43       SE       SW      17      11
## 2490      ESE      44      SSE       NW       7       6
## 2491        N      28       NE      ESE      15      13
## 2492       NE      37       NE       NE      24      13
## 2493        W      52        N      WNW      20      24
## 2494      SSE      35       SE      ESE      19      13
## 2495        S      30      SSE      WSW       9      13
## 2496      SSW      31      NNE        W       7      11
## 2497      ESE      26      SSE       NW       7       7
## 2498       SE      26        E      SSW       7      13
## 2499      ENE      54     <NA>      ESE       0       7
## 2500      SSE      50      SSE       SE       9      17
## 2501      ENE      48      ESE      ENE      11      39
## 2502      SSE      39       SE      SSE       9      17
## 2503      ENE      31       SE      SSE       6       9
## 2504       SE      39      SSE      ENE       9      11
## 2505       SE      35       SE      ESE      20      20
## 2506      NNW      24      SSE      ENE      11       6
## 2507      WNW      28        E      SSE      11       9
## 2508      SSW      41      ESE      WNW       9      17
## 2509      WNW      56       SE        W       9       7
## 2510      WSW      56      ESE        W       6      24
## 2511      WNW      72       SE        N      15      24
## 2512      WNW      50       NE       SW       9      24
## 2513       SE      46        S       SE      19      20
## 2514        N      35      SSE        S      13       9
## 2515       NE      24      NNE      SSE      13       4
## 2516        E      28       SE        E       9      15
## 2517       NW      50      ESE       NW       7      19
## 2518       NE      39      NNW       SE      13       7
## 2519      WNW      56       SE      WNW       9      35
## 2520      NNW      39      SSE        W       9       2
## 2521        W      41      SSE        W       9      20
## 2522       SW      30      SSE      SSW      15      17
## 2523       SE      39       SE      SSW      11      11
## 2524       SE      31       SE      SSE      19      11
## 2525        W      37      ESE        E       9      17
## 2526      WNW      35     <NA>       NE       0      13
## 2527        W      48       SE      WNW       7      24
## 2528        W      52      SSE      SSW      11       9
## 2529      WNW      48      NNE      NNW      17      26
## 2530      SSE      28      SSE       SW      17      13
## 2531      NNE      22        E       NW       7       7
## 2532      SSE      31       SW        E       6      13
## 2533      SSE      46       SE       SE      22      20
## 2534       SE      30       SE       SE      15      11
## 2535      NNE      22        S        E       7      13
```

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```
## 2536      W    28   SSE   WSW    4   15
## 2537    SSW    37    NE   WSW    2    9
## 2538     NE    28     E   NNE    9   11
## 2539      W    33    SE   WSW    9   20
## 2540      E    28    SE    SE    6    9
## 2541    WNW    26    SE    NW    7   11
## 2542      W    30   SSE     N    2    7
## 2543    WNW    44    NW   WSW   15   20
## 2544    WSW    41   SSE   WSW    4   19
## 2545      W    43   WSW     W   20   26
## 2546      W    39     W     W   11   15
## 2547    WSW    28   SSE   WSW    9   13
## 2548    WSW    44   ESE    NW    7   20
## 2549    WNW    30     S   WSW    6   17
## 2550    NNW    33   SSE    NW    9   11
## 2551    ESE    31   SSE    SW    4   13
## 2552      N    41   ESE   NNW   11   20
## 2553    NNW    54    SE   NNW    7   30
## 2554     NW    43    SW   WSW    7   15
## 2555    WNW    33  <NA>     W    0   19
## 2556     SW    30    SE   SSW    7   13
## 2557      W    31   ESE   WSW    7   15
## 2558    SSW    24   ESE     S    6   15
## 2559     NW    37    SE   WNW    7   13
## 2560      W    31     E   WNW    4   11
## 2561    NNW    50   ESE     E    9    7
## 2562      N    26     E     S    7    7
## 2563    NNE    28    SE    SW    4    9
## 2564    NNE    46    NE   SSE    6   11
## 2565    NNE    24   ESE     S    6    9
## 2566     NE    30   ESE   NNW    7   11
## 2567    WSW    39    SE   WNW    9   20
## 2568      N    41    SE    SE    4    9
## 2569      W    46     E    NE    9   20
## 2570      S    28   ESE     E    7    7
## 2571      W    30   SSE     W    4   13
## 2572    SSW    37    SE    SW    7   22
## 2573     SE    33    SE   SSE   17   15
## 2574     SE    24    SE   ENE    7   11
## 2575     SE    26    SE   SSE    6   11
## 2576      W    74     N     W   22   37
## 2577     SE    46     W   WSW   13   13
## 2578    SSE    31    SE     S   20   17
## 2579    SSE    35    SE    SE   19   19
## 2580     SW    31     S     E    6    9
## 2581     SW    30  <NA>     W    0   13
## 2582    SSE    20  <NA>   SSE    0   13
## 2583      W    35  <NA>     W    0   22
## 2584    WSW    30  <NA>   WSW    0   11
## 2585     NE    28     E   NNW    2    9
## 2586     NW    30  <NA>   WNW    0   15
## 2587     NW    35  <NA>     W    0   11
## 2588    NNE    33  <NA>    SE    0   15
## 2589     SE    19    SE     S    4   11
```

```
## 2590       N     28   <NA>    N      0    17
## 2591       W     41   <NA>    W      0    19
## 2592      SE     22    ESE  WNW      6     6
## 2593      SE     20     SE    S     11     9
## 2594       N     35    ENE  NNW      9    22
## 2595     WNW     39   <NA>  WNW      0    15
## 2596       E     22    SSE  SSW      7    11
## 2597       W     17   <NA>  WSW      0     9
## 2598     WSW     24    ENE  WSW      6    19
## 2599       W     39     SE    W      6    17
## 2600     WNW     31    NNE    W      4    17
## 2601      SW     22    ENE  SSW      2     9
## 2602       N     24   <NA>  ENE      0     9
## 2603     NNW     24    SSE    N      4    11
## 2604     ESE     17     SE  ESE      7     9
## 2605      NE     31     SW   SW      7     7
## 2606      NE     30   <NA>   SE      0    15
## 2607     NNE     28    ESE   NE      9    11
## 2608     ENE     20   <NA>  SSE      0     7
## 2609      SE     19   <NA>   SE      0     7
## 2610     ESE     19     NE  SSE      4     9
## 2611      SE     31     SE   SE      7    13
## 2612     ESE     28    ESE   SE     20    13
## 2613      SE     20   <NA>    W      0     7
## 2614      SE     15    ENE   SE      2     9
## 2615       E     17   <NA>    S      0     9
## 2616       N     39      E    N      6    17
## 2617       N     28   <NA>  NNW      0    13
## 2618      NW     59    SSE  ESE      2     7
## 2619       N     30    NNE    N      2    19
## 2620       N     63    WNW    W     30    28
## 2621       N     26     SE  NNW      7    15
## 2622     NNW     52     SE  WNW      6    35
## 2623       W     37    WNW  NNW      9     9
## 2624     SSW     19     SE   SE      7     9
## 2625     NNE     22   <NA>  NNW      0     9
## 2626     ESE     15    ENE  SSE      6     9
## 2627      NE     41    ENE  NNE     13    26
## 2628     WNW     54     NE  WNW     17     4
## 2629     NNW     54     NW    W     22    22
## 2630     WNW     43    WNW  WNW     13    24
## 2631     NNW     44    WNW    W     17    19
## 2632       W     24     NW   NW     15     6
## 2633      NE     48   <NA>    N      0    11
## 2634      NW     30      E    W      4    20
## 2635      NE     26   <NA>    N      0    13
## 2636     WNW     33    WNW  WNW     15     7
## 2637      NW     24      E    W      4    11
## 2638     WNW     39   <NA>  WNW      0    17
## 2639       W     35      W    W      9    15
## 2640      SE     13   <NA>  ESE      0     7
## 2641       E     20    ENE    E      2    13
## 2642     WNW     59      W  WSW     28    26
## 2643       W     33      W  WSW      9    20
```

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```
## 2644      NE    19   <NA>    NE    0   11
## 2645       W    31    NNE   WNW    7   15
## 2646       W    35     SW   WSW    7   15
## 2647       W    31   <NA>   WSW    0   17
## 2648       W    24    ESE    SW    6    9
## 2649     ENE    15     SE  <NA>    2    0
## 2650      SE    19   <NA>    SE    0   13
## 2651     ESE    15    WNW   ESE    4    9
## 2652       E    13   <NA>     E    0    6
## 2653     ESE    28     SE  <NA>    7    0
## 2654      SE    30     SE    SE   13   15
## 2655       W    35     NW     W    6    9
## 2656       W    31    WNW    NW   11   17
## 2657     WNW    37    WNW    NW   17   15
## 2658     NNE    35    NNW   NNE    9   17
## 2659       N    48    NNW   WNW   17   13
## 2660     WNW    28    WNW   WNW   15   19
## 2661     WSW    35    WNW     W   13   20
## 2662      SE    15   <NA>    SE    0    7
## 2663       E    17   <NA>    SE    0    6
## 2664       E    13    NNE     W    6    4
## 2665       E    15    SSE     E    7    6
## 2666     ESE    17   <NA>   ESE    0   11
## 2667     NNW    24      N   WNW   13    9
## 2668     ESE    15   <NA>    NE    0    7
## 2669     SSE    44    NNW     S    2    9
## 2670     SSE    35      W   WSW    7   22
## 2671     NNW    41     NW   NNW    9   24
## 2672     WNW    43    WNW   WNW   24   20
## 2673       W    63    NNW     N   13   17
## 2674       W    48    WNW     W   28   26
## 2675       W    30      E     W    7   20
## 2676     ENE    15   <NA>    SE    0    4
## 2677     WNW    28   <NA>   WSW    0   20
## 2678       W    17      E   WSW    7    6
## 2679     ENE    15     NE   ENE    9    9
## 2680       W    59      N     N   15   13
## 2681      NW    26    WSW     W    9    7
## 2682     WSW    17   <NA>     W    0   11
## 2683       W    20    ENE     W    6   13
## 2684       E    19   <NA>   ENE    0   13
## 2685     WNW    19   <NA>   SSE    0    7
## 2686     WSW    43      W   WSW   19   20
## 2687      SE    30   <NA>   ESE    0   11
## 2688       S    17      S     E    2    2
## 2689      NE    13   <NA>   NNE    0    9
## 2690      NE    28   <NA>   NNE    0   15
## 2691       N    44      N     N   22   19
## 2692      NW    69      N    NW   19   37
## 2693     WNW    54    WNW   WNW   24   19
## 2694       W    26   <NA>   WNW    0   13
## 2695       W    20     NE   ESE    4    6
## 2696       E    17   <NA>   SSE    0    7
## 2697     ENE    17      N    SE    6    6
```

```
## 2698      E    13   <NA>    SE     0     2
## 2699    NNW    17      S    NE     7     7
## 2700    ESE    13    NNE     E     6     7
## 2701      W    15      W   NNE    11     7
## 2702    NNW    56    NNW     W    31    22
## 2703    WNW    63      W    SW    24    28
## 2704    WNW    28     NE     N     9    13
## 2705    NNW    56    WNW   WNW    15    19
## 2706    WNW    39     NW   NNW    15    20
## 2707     NW    39    WNW   WNW    17    24
## 2708      W    22    WNW   WNW     9    11
## 2709      W    28     NW    NW    11    15
## 2710    NNW    20    ESE   NNW     9     9
## 2711      N    22      E    NE     7     9
## 2712      N    33   <NA>     N     0    22
## 2713     SE    35      S    SE     7    20
## 2714     SE    30     SW     E     4    11
## 2715     SE    30    SSE    SE     9     7
## 2716     SW    17   <NA>     W     0     9
## 2717    NNE    17   <NA>    SE     0     7
## 2718    ESE    13   <NA>    SE     0     7
## 2719      E    13    SSE     E     4     7
## 2720      N    43      E   NNE     6    24
## 2721      N    39    NNW    NW    11    15
## 2722     NW    37      W   WNW    13    17
## 2723     NW    19   <NA>   WNW     0    13
## 2724    WSW    22    ENE     W     6    19
## 2725      W    22      E     W     6    11
## 2726    ENE    19   <NA>   ESE     0    11
## 2727    NNE    24   <NA>   NNE     0    13
## 2728     NE    22   <NA>   NNE     0    15
## 2729    NNE    28    SSE   NNE     2    15
## 2730    NNE    52    NNE   NNW    30    24
## 2731    WNW    43    WNW    NW    15    20
## 2732     NW    33    NNW    NW    11    17
## 2733     SE    31    ESE   WSW    11    19
## 2734      W    24     SE   NNW    11    13
## 2735    WSW    13     SE    SW     6     9
## 2736     SW    41    NNE   WSW     7    26
## 2737    WNW    30    ESE     W     7    19
## 2738     NW    22     SE    NW     4    11
## 2739      N    24      E    NW     4    13
## 2740    NNE    26   <NA>     N     0     9
## 2741      N    37      N    SE     7     9
## 2742      N    43      W     W    15    20
## 2743    NNE    17   <NA>    NW     0    11
## 2744    SSE    37      S     E     6     7
## 2745    WNW    48      W     W    15    31
## 2746     NW    26    WSW   WNW    20    13
## 2747      W    24    ESE   WSW     4    13
## 2748     NE    15      E   ESE     7     7
## 2749      E    22   <NA>   ESE     0     7
## 2750    NNE    33    ESE   NNE     7    17
## 2751      N    50    NNE    NE    20    20
```

```
## 2752      W    43      W      W    24    26
## 2753      W    22    ENE    NNW     6    13
## 2754    WNW    22   <NA>    WSW     0     7
## 2755     NE    31     SE    NNE     9    19
## 2756      N    46     NW     NW    30    22
## 2757    NNW    39      W     NW    17    22
## 2758      W    31    NNW    WNW     2    17
## 2759    NNE    26     NE     NE     2    15
## 2760    SSE    24     SE    SSE     6    13
## 2761    WNW    24    SSE     NW     2    13
## 2762    ENE    26    ENE     NE    13    13
## 2763     NE    31    ESE    ENE    11     9
## 2764      W    39      W      W    24    28
## 2765     SE    20      S    ESE     7     7
## 2766      N    31    ESE    WNW     7    17
## 2767      W    39   <NA>      W     0    28
## 2768      W    33    SSW    WNW     7    17
## 2769      W    37    WNW      W    17    22
## 2770     NE    31    ENE     NE     7    19
## 2771    WNW    56    NNW      N     9    24
## 2772    WNW    48      S    WNW     2    31
## 2773    WNW    46    WNW     NW    17    20
## 2774    NNE    46     SE      N     9    26
## 2775     NW    59     NW     NW    24    35
## 2776    WSW    67    NNW     NW    20    33
## 2777    WNW    39    NNE      W     6    22
## 2778      N    30    NNE     NW     6    15
## 2779      N    30     SE    NNW     6    15
## 2780      W    28     SW      E    13     7
## 2781    ENE    44    ESE     NE     7    24
## 2782    WNW    43    NNW     NW     9    20
## 2783     SW    39      W    WSW    15    22
## 2784    WSW    43    WSW      W     6    26
## 2785     SE    33     SE    SSW    17     9
## 2786    WSW    39    ESE     SW     9     9
## 2787    NNW    35     SE    NNE     9    17
## 2788      N    63      N      N    22    22
## 2789      W    39      W      W    19    22
## 2790    NNW    46    NNW    WSW    13    22
## 2791    WNW    37      W      W    13    17
## 2792      N    28    ESE      N     9    11
## 2793    WSW    46     SE    NNE     9    15
## 2794    WSW    57    WSW    WSW    19    31
## 2795      W    33    ESE    WNW     6    11
## 2796    SSW    28    SSE    WSW    11    13
## 2797     NW    30    ENE    NNW     7    15
## 2798    NNW    37    ENE      N    15    13
## 2799      W    28    NNW    SSE     2     7
## 2800     NE    24    SSE    ESE    11    11
## 2801      N    22    SSE      N     6    13
## 2802      W    69      N      N    28    20
## 2803      W    52      W    WNW    15    17
## 2804     NW    33    NNW      W     7    17
## 2805    WNW    37    WSW    WNW    13    20
```

```
## 2806      NW      39      E       W        9      15
## 2807      W       52      ENE     WNW      6      28
## 2808      W       61      W       W       30      31
## 2809      W       39      W       WSW     20      17
## 2810     NNW      50      SSE     NNW      4      31
## 2811      NW      37      NE      WNW      6      22
## 2812     WNW      31      ESE     W        9      15
## 2813      W       48      ENE     WSW      2      26
## 2814      E       24      ESE     NNW      9       6
## 2815     WNW      54     <NA>     W        0      26
## 2816     WNW      56      WNW     WNW     19      22
## 2817     WSW      46      W       WSW     22      20
## 2818     WSW      33      S       WSW      9      15
## 2819     SSE      19      SSE     SE       4       9
## 2820      N       35      SE      NNW     11      13
## 2821     SSE      22      SE      ESE      7      13
## 2822     WSW      35      S       W        7      17
## 2823      NW      72      ESE     SE       7      15
## 2824      N       54      S       N       11      20
## 2825     WSW      37      WSW     WSW     11      11
## 2826     WSW      50      WNW     WSW      9      28
## 2827     WSW      39      W       W        9      22
## 2828      W       41      SW      WSW     15      19
## 2829     WSW      35      S       W        9      20
## 2830     NNW      22      ESE     NNE      7      19
## 2831     WSW      33      ENE     SW       9      15
## 2832      NW      33      SE      SW       6      13
## 2833     WNW      43      SE      NW       9      22
## 2834      SW      35      E       WSW      4      15
## 2835     WNW      39      SSW     WSW      4      24
## 2836      W       37      E       W        7      20
## 2837     NNW      33      ESE     SE      11      11
## 2838     WSW      44      E       WSW      6      28
## 2839      NW      31      NNW     WNW      9      20
## 2840      SW      43      ENE     SE       7      11
## 2841     WNW      63      SSE     W        6      39
## 2842      W       46      WSW     SW      28      28
## 2843      S       30      SSE     SSW      6      13
## 2844     SSW      31      SSE     S        9      15
## 2845      W       31      SSE     SSW      7      15
## 2846     NNW      52      ESE     W        9      30
## 2847      W       35      ENE     W        6      20
## 2848     NNE      33      SE      E       17      11
## 2849     NNE      22      SSE     NE       7      11
## 2850      W       56      NNE     W        6      31
## 2851      W       35      SSW     ESE     15      13
## 2852      NE      37      E       NW      11      13
## 2853     WSW      39      ESE     SSE      6       7
## 2854     ESE      44      NW      WSW      6      20
## 2855      SE      22      SE      SSE     13      11
## 2856     ENE      33      NE      NNW     19      11
## 2857      NE      48      NE      WNW     20      11
## 2858     ENE      33      SSE     N        7      17
## 2859      SW      48      NNE     N       11      19
```

```
## 2860      SE    37      SE      SE    17    22
## 2861      NW    50     NNE      NW    20    28
## 2862       E    28      SE       E     6    15
## 2863       W    65       N      NW    20    28
## 2864       W    35      SE     WSW     6    15
## 2865     WSW    39       E       W     9    24
## 2866      SE    35     SSW     WNW     9     9
## 2867      SE    24     SSE       W    13     6
## 2868     NNW    26      SE      NE    13     9
## 2869     SSE    35     ENE       N    11     7
## 2870       E    30     ESE     SSE     9    13
## 2871       N    28     ENE     ESE    11    13
## 2872      SE    24     SSE     SSE     6    13
## 2873     WSW    33     ESE    <NA>     6     0
## 2874      SW    20       N     SSE     6     9
## 2875       W    39     ENE     WSW     2    19
## 2876       S    20      SE     SSE     6     9
## 2877     WSW    44     ESE     SSE     6     7
## 2878      SW    41       W      SW    20    26
## 2879     WNW    26     SSE      SW    13    13
## 2880       S    22     ESE     ESE     7    11
## 2881       W    39     SSE     WSW     6    19
## 2882     WNW    39     WSW     WSW    11    26
## 2883     SSE    24     SSE      SE    20    13
## 2884     WSW    54     ENE     WSW    13    26
## 2885      SE    24       S       S    11    11
## 2886      SE    28      SE     SSE    11    15
## 2887       N    46    <NA>     WNW     0    28
## 2888     WSW    50       W     WNW    20    24
## 2889      NW    28     ESE     WNW     9    15
## 2890     WSW    26      SE      SW     9     9
## 2891      SE    28      SE     NNE     9     7
## 2892     WNW    39      SE       W     7    17
## 2893     WNW    39     ESE       W     7    20
## 2894     WSW    72     SSE       W     2    33
## 2895     WNW    35     WNW     WNW    17    20
## 2896     SSW    39     SSE      SW     7    19
## 2897       W    52    <NA>     WSW     0    17
## 2898       S    30     SSE       S     9     9
## 2899       S    26     SSW      SE     2    11
## 2900     WSW    52     SSE     SSE     6    15
## 2901     SSE    15    <NA>       S     0     4
## 2902      SE    30      SE       S    20    11
## 2903     NNE    39     ESE     NNE    17    19
## 2904     NNE    33     SSE      NW     9    15
## 2905     WSW    44     SSE       W     7    30
## 2906     WNW    39     ENE       N     6     7
## 2907      SW    50       W       W    19    26
## 2908     WSW    43       W      SW    19    24
## 2909     SSE    24       S      SE    11    11
## 2910       N    31     ESE     NNE     7    19
## 2911       W    52       E     WNW     2    26
## 2912      NW    37      SE     NNW     6    13
## 2913       W    44     WSW     WNW    15    26
```

```
## 2914       W    67   ENE   WNW    6   20
## 2915       W    37   WNW    SW   13   15
## 2916     NNW    30     S   NNW    6   13
## 2917       N    39    SE     N    6   19
## 2918     WSW    37    SE   WSW    6   24
## 2919     WSW    52   SSE     W    9   22
## 2920      SE    31    SE     S   20   11
## 2921      NE    31    SE   SSE   13   13
## 2922     NNE    48   SSE    SE    2   13
## 2923     SSE    50    SE   SSE    9   13
## 2924       W    24   SSE   ESE    6    6
## 2925      SE    35    SE   WSW    7   15
## 2926      SE    54    SE    SE   11   30
## 2927       E    39  <NA>   ENE    0   24
## 2928      SE    33     S     E    9    9
## 2929      SE    37   ESE   SSE   20   19
## 2930      SE    28    SE   ESE   20   11
## 2931      NW    22  <NA>     W    0    9
## 2932       W    33   SSE   WNW    6   19
## 2933     WSW    33  <NA>   WSW    0   19
## 2934      SE    22     S   ENE    2    9
## 2935     WSW    69   ENE    NW    7   30
## 2936     ENE    46    SE     S   13    9
## 2937     ENE    41    SE   ESE    4   20
## 2938     ENE    44   ESE   NNE    9   24
## 2939     NNE    35   ENE     W    9   17
## 2940      SE    35    SE   SSE   20   20
## 2941     ESE    24   SSE     E   11    7
## 2942      SE    24   SSE   SSE    6   15
## 2943     WNW    37   ESE    NE    4   13
## 2944     NNE    33    SE    SE   11    6
## 2945      SE    31    SE   ENE    7   11
## 2946      SE    39    SE   SSE   15   24
## 2947     ESE    22    SE    SE   13    9
## 2948     SSE    26    NE    SE    2   15
## 2949      SE    19    SE    SE    6    9
## 2950     WSW    81     S     N    4   19
## 2951      SW    30  <NA>    SE    0    7
## 2952       N    28  <NA>     N    0   17
## 2953       W    39     W     S   15   19
## 2954     SSE    22   SSE   WSW    9    7
## 2955     WSW    44  <NA>     W    0   20
## 2956      SE    28   SSE   SSE   15    9
## 2957      SE    31    SE   SSW   19   11
## 2958     SSE    19   SSE   ESE    7   11
## 2959     SSE    19  <NA>     S    0    7
## 2960       E    17     E   ESE    4    7
## 2961       N    26  <NA>   NNE    0   13
## 2962       N    31   SSE   SSE    9   13
## 2963       W    56   NNE   WSW   17   26
## 2964      NW    39     W   SSE   19   11
## 2965     ESE    28   SSE    SE    9   17
## 2966      SE    22    SE    NE    9    4
## 2967     WNW    20   SSE    NW    2    7
```

```
## 2968   WNW   31   <NA>   W     0    19
## 2969   WNW   33    E     W     2     9
## 2970    SE   19    E    ESE    7    11
## 2971   SSE   20   SSE   SSE    6    15
## 2972   ENE   22    NE   SSE    2    15
## 2973    SE   17   ESE   SSE    7     9
## 2974   ENE   26   ESE    SE    6     6
## 2975    N    17    SE   NNE    9    11
## 2976   ENE   19    E    SSE    4    13
## 2977    SE   13   ENE    SE    7     7
## 2978   ESE   17   ENE    SE    2     9
## 2979   WNW   35   NNE   WNW    9    17
## 2980    SW   43   WSW   WSW   24    28
## 2981    SW   31    E     SW    4    17
## 2982   WNW   24   <NA>  WNW    0    15
## 2983    W    24    E    WNW    6     9
## 2984   ENE   17    E    NNW    6     4
## 2985   WSW   17    NE   SSW    6     7
## 2986   WNW   41    W     W    20    24
## 2987   SSE   20   ESE    E     2     7
## 2988   ESE   17    S     S     2     6
## 2989    SE   19   ESE    SE    7    13
## 2990   WSW   43   <NA>   NW    0    22
## 2991   WSW   35    W    WSW   11    20
## 2992   NNE   17   SSE   ESE    9     7
## 2993   ESE   15    SW   NNW    2     6
## 2994    W    17    E    SSW    2     4
## 2995   WSW   15   <NA>   NW    0     6
## 2996   ESE   17    N    SSE    2     9
## 2997    NE   28    SE    SE    6     9
## 2998    SE   20   ESE   ESE    6     9
## 2999   ESE   17   WSW   ENE    4     7
## 3000   NNE   13   <NA>   SE    0     6
## 3001    E    15   <NA>   SE    0     7
## 3002   ESE   20   <NA>   SE    0    11
## 3003   ENE   31   SSE    SE    9    13
## 3004   NNW   19    S    NNW    2     9
## 3005    SE   13   <NA>  NNE    0     7
## 3006    NE   50    SW   ESE    2     9
## 3007    W    24   <NA>  ESE    0    11
## 3008    NW   35   WNW    W    19    19
## 3009    W    20   <NA>   NW    0    11
## 3010    NE   15    NE   ESE    7     9
## 3011   ENE   19   ENE   NNE    6    11
## 3012    W    44    N    NNW   11    20
## 3013   WNW   31   WNW    NW    7    15
## 3014   SSW   24    NE   ENE    7     7
## 3015    E    13   <NA>  ESE    0     7
## 3016    W    15   <NA>  SSE    0     6
## 3017   WSW   17   <NA>   SW    0     7
## 3018    E    13   <NA>   E     0     9
## 3019   WSW   17   <NA>   W     0     9
## 3020    W    20    SE    W     4    15
## 3021   SSW   33    E    WSW    9    19
```

```
## 3022    SSE    20    WNW     SSE     6    13
## 3023     W     22     SE     SSW     2     9
## 3024    NE     13    <NA>    <NA>    0     0
## 3025    NW     13     NE      E      6     2
## 3026    ENE    13     NE     NE      4     6
## 3027     W     17    SSE      W      6     9
## 3028    SE     17    <NA>    ESE     0     6
## 3029    SE     17    <NA>     SE     0    11
## 3030     E     17    <NA>    ESE     0     9
## 3031    ENE    15     S       SE     6     7
## 3032     S     11    NNE     <NA>    2     0
## 3033     W     17    SSW      E      2     6
## 3034    ENE    11    <NA>    SSE     0     6
## 3035    ESE    11     SW      SE     4     2
## 3036    ENE    15    <NA>    NNE     0     2
## 3037     W     17     S      <NA>    6     0
## 3038    SE     44    SSE     SSE     9     2
## 3039    WSW    28     SW      W      4    15
## 3040    NNW    28     S      <NA>    6     0
## 3041     W     61    NNE     <NA>   11    NA
## 3042    SE     46     SE      SE     7    24
## 3043    NNE    30    ESE     NE      6    15
## 3044    NE     39    NNE      N      9    15
## 3045    SW     50    NNE      W      7    17
## 3046    ESE    35     N      ENE     6    15
## 3047     W     63     N      WNW     6    30
## 3048    SE     31    SSE      SE    11    19
## 3049     E     33    SSE      E     15    19
## 3050    ENE    37    SSW     ENE     4    13
## 3051     E     41     N       E      7    19
## 3052    ESE    37     SW     ESE     4    22
## 3053    NNE    39    NNE     ENE     7    17
## 3054    ENE    50    ENE     NE      6    13
## 3055    SE     50     E      WSW     7    17
## 3056    SE     50     SE     NNE     7    15
## 3057    ESE    33    SSE      E     15    15
## 3058     E     37    <NA>    NE      0     9
## 3059    NE     35    NNE     NNE     9    19
## 3060    ENE    43     W      NNE     4    20
## 3061     N     41    NNW     WSW    11    11
## 3062     N     56    NNE      N     17    28
## 3063    NE     43     E      ENE     6    24
## 3064     W     72    NNE      W      6    31
## 3065    SSW    33     E      NE      7    15
## 3066    SE     35     SW      E      7    19
## 3067     E     30     SW     ENE     7     9
## 3068    NE     35     NE      N      6    15
## 3069    SE     41    SSE      E      2    15
## 3070    NE     37     E      NE      7    11
## 3071    ESE    37    SSE     ENE     6    13
## 3072     E     39    SSE     ENE    15    22
## 3073    ESE    41     NE      E      2    13
## 3074    ESE    41    SSW      SE     7    26
## 3075     E     35    ESE     NNE     2    17
```

```
## 3076     ENE     35    <NA>    NE      0    19
## 3077     ENE     46      S     ESE     9    26
## 3078      NE     46    <NA>    NNE     0    30
## 3079      SE     43     WNW     NE      6    22
## 3080       S     30      S      SE     17    13
## 3081     SSW     46      W      SSE     2     9
## 3082       S     39     SSW     SE     13    11
## 3083       E     37      S      SE     20    17
## 3084     ESE     44     SW      SE     11    26
## 3085       S     30     SW     SSE     19    15
## 3086       S     41     SSW    SSE     15    17
## 3087      SE     48     SE     SSE     19    28
## 3088     ESE     28     SW      SE     15    17
## 3089      SW     33     WSW     S      24    15
## 3090      SE     31     NNW    NNE     11    19
## 3091     ESE     43      N      E       9    19
## 3092      SE     41    <NA>     SE      0    24
## 3093       E     28     SSW     E       4     9
## 3094     WSW     57     NE     ENE     11    20
## 3095       E     33    <NA>    ESE      0    24
## 3096     ESE     35    <NA>     E       0    22
## 3097      SE     35     SW      SE      9    11
## 3098     ESE     28     SW      E      11    13
## 3099     ESE     30    <NA>     N       0    17
## 3100     NNE     35    <NA>    NNE      0    17
## 3101       E     33    <NA>     N       0    19
## 3102      NE     30    <NA>     NE      0    19
## 3103      SW     57    <NA>    SSE      0     7
## 3104      SW     43     SW      S      22    17
## 3105       E     35     SW      NE      9     9
## 3106      SE     30     SW      E      11    13
## 3107     SSE     37     SSW    SSE     13    22
## 3108     ENE     26     SW     NNE     13     6
## 3109     ENE     35     SSW    ENE      4    22
## 3110       E     31      S      E       9    11
## 3111     ENE     33     SW     NNE      6    15
## 3112     WNW     24     SW     WSW      7    11
## 3113      NW     70    <NA>     N       0    15
## 3114     WNW     37    <NA>    NNE      0     9
## 3115      SW     30     SW     SSE      6     6
## 3116      NE     31    <NA>    NNE      0     7
## 3117       N     31    <NA>     E       0    17
## 3118       N     43    <NA>    ENE      0     9
## 3119      SE     31     WSW     E       7    11
## 3120     ENE     33     SSW     E       6    22
## 3121       N     35     NW      N       6    17
## 3122     NNE     28     SE      NE      6    17
## 3123       N     33     SW     NNE      2    19
## 3124      SW     80    <NA>     E       0    13
## 3125      SW     76    <NA>     NE      0     9
## 3126       S     31      S      SE     15    15
## 3127     ENE     26     SSW    ENE      2     9
## 3128       E     31      E      NE      7    11
## 3129      SE     39      S      SE      9    20
```

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```
## 3130    SE    41     SE     SE    19    19
## 3131    SE    50      E    ESE    20    19
## 3132     E    31     SE      E    11    20
## 3133   NNE    33     SW    NNE     4    22
## 3134    SW    31     SE    ESE    15    15
## 3135   NNE    31    WSW    NNE     7    17
## 3136     S    31      S    ESE    19    17
## 3137   ESE    30     SW    ESE    11    22
## 3138     E    28     SW     NE    13    13
## 3139   NNE    24    WSW     NE     2    15
## 3140    NE    20   <NA>    NNE     0     9
## 3141     N    15   <NA>     NE     0     9
## 3142     N    17    WNW    NNW     6    11
## 3143   ESE    30     SW    SSW     4     6
## 3144   SSE    28      N     SW     9     6
## 3145    NW    46      N    WNW     2    26
## 3146   SSW    26     SW      N     6     9
## 3147   ENE    28    SSW    ENE     7    17
## 3148    SW    28     SW     SE    17     6
## 3149     S    44     SW    SSW    20    20
## 3150   SSW    44     SW      S    24    15
## 3151     S    43      S      S    20    17
## 3152    SE    39     SW    SSE    17    20
## 3153    NE    19    WSW      N     9     7
## 3154     N    24   <NA>    ESE     0     4
## 3155     N    46    NNW    WNW    13    20
## 3156     W    57     NW      W    19    30
## 3157    SW    54      W     SW    15    24
## 3158     W    54    WNW    WSW    15    31
## 3159   ESE    22    WSW     SE    11    11
## 3160    SW    33     SW    SSE    20    17
## 3161   NNE    20     SW    NNE     4    13
## 3162   ESE    24     SW      E    15    13
## 3163   SSW    24     SW      E    17    13
## 3164    SW    19   <NA>   <NA>     0     0
## 3165     S    28     SW     SE    17     9
## 3166     N    24   <NA>      N     0     9
## 3167    SE    26   <NA>   <NA>     0     0
## 3168    SW    31     SW    ENE    19     9
## 3169    SE    22   <NA>    ESE     0     7
## 3170   SSW    35    SSW     SE    20    17
## 3171     E    20     SW    NNE    13     7
## 3172    SE    28     SW     SE     2    19
## 3173   WSW    33   <NA>      W     0    19
## 3174    SW    46      N      W    11    24
## 3175   WSW    50    NNW    WSW     9    28
## 3176     W    72    NNW    WSW    24    31
## 3177   ESE    24   <NA>    SSE     0    13
## 3178    NE    28     SW    NNE     9    17
## 3179   ESE    30     SW      E     4    17
## 3180   SSE    50     SE      S    13     9
## 3181   ESE    48     SE     SE    17    26
## 3182   ESE    48     SE    ESE    19    15
## 3183   ESE    39     SE    ESE    11    26
```

```
## 3184          ESE         26          SW         ESE          7          17
## 3185           NW         20         WSW          NW          7           9
## 3186           NE         17        <NA>           N          0           7
## 3187            W         17        <NA>          SW          0           7
## 3188           SE         26          SW          SE         13          17
## 3189            S         39         WSW         SSW         17          26
## 3190            S         41         SSW          SW         22          15
## 3191          ESE         30          SW         NNE         13          11
## 3192          SSE         15         WSW        <NA>          7           0
## 3193          SSW         15          SW        <NA>          9           0
## 3194            N         17        <NA>           N          0          11
## 3195          ENE         15        <NA>         ENE          0           9
## 3196          WSW         26         WSW         WSW         11          13
## 3197            W         28        <NA>         NNW          0           4
## 3198            W         41           N         WSW         11          17
## 3199          WNW         41          NW           W          6          13
## 3200           NW         39         NNW           W          9          15
## 3201            W         56         WSW           W         28          31
## 3202         <NA>         NA           W          SW         11          19
## 3203           SW         22        <NA>           N          0           7
## 3204          NNE         17        <NA>           N          0           7
## 3205           SE         19         WSW         ESE          6          11
## 3206           SW         26        <NA>          SW          0          13
## 3207          SSW         54          SW         SSW         28          19
## 3208           SW         26         SSW           S         15          13
## 3209           SE         24         SSW         ESE         13          13
## 3210          ESE         31          SW         ESE         15          20
## 3211            N         20          SW         ESE          9           7
## 3212          NNE         15        <NA>         NNE          0          11
## 3213           NE         15         WSW         ENE          6           7
## 3214          NNE         15        <NA>        <NA>          0           0
## 3215            N         26          NW           N         15          13
## 3216            W         24        <NA>           W          0           2
## 3217            N         19         NNE         ESE          7           2
## 3218          WSW         13          SW        <NA>          9           0
## 3219           SW         17        <NA>         NNW          0           7
## 3220          WNW         22        <NA>         WNW          0          13
## 3221          NNE         35        <NA>         NNE          0          11
## 3222            N         48         WNW         WNW         13          30
## 3223          WNW         46         ENE           W          4          22
## 3224          WSW         67         WSW         WSW         37          35
## 3225            W         41        <NA>         WSW          0          22
## 3226            W         35           N          SW          9           7
## 3227           SW         17        <NA>          SW          0          11
## 3228            S         28          SW         SSE         19          15
## 3229          ENE         31          SW         SSE         11           6
## 3230           SE         24          SW         SSW          9           9
## 3231          ESE         31         WSW          SE         15          20
## 3232          NNE         20         WSW           N          7          11
## 3233            N         22        <NA>          NE          0           7
## 3234          WNW         30           N        <NA>          7           0
## 3235          WNW         35         NNE           W          6          19
## 3236            N         19          SW         WNW          6           6
## 3237           SW         33         SSW         SSW          9          20
```

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```
## 3238    SSW    39    SW     SW      22    20
## 3239     NW    26  <NA>    ENE       0     7
## 3240    WSW    30  <NA>      W       0    13
## 3241     NE    20  <NA>      N       0    13
## 3242    NNE    35  <NA>     NW       0    20
## 3243      W    70     N    WNW      22    43
## 3244     SW    46   ESE     SW       9    22
## 3245    WSW    24    SW      N      15     4
## 3246    ENE    15    SW     NE       6     7
## 3247      N    15     N    NNW      11     2
## 3248      W    39  <NA>    WSW       0    19
## 3249     SW    35   NNE    WSW       9    20
## 3250     SW    37   NNE     SW       6    22
## 3251    WSW    37   NNE    WNW       2     7
## 3252      W    50  <NA>     SW       0    30
## 3253     SW    33   NNW     SW       9    22
## 3254     SW    19  <NA>    NNE       0     9
## 3255    WSW    52   NNE    WSW      13    20
## 3256      W    26  <NA>      W       0     9
## 3257      N    17  <NA>      E       0     9
## 3258      N    20  <NA>      N       0    13
## 3259     SW    80     N      W       7    17
## 3260     SW    35    SW    SSW      19     4
## 3261     SW    41  <NA>    NNE       0    11
## 3262    WSW    17  <NA>   <NA>       0     0
## 3263    NNE    30  <NA>     NE       0    15
## 3264    WNW    33  <NA>    WNW       0    17
## 3265    WSW    31  <NA>    WSW       0    15
## 3266    WSW    22  <NA>    WNW       0     4
## 3267    WSW    22     N     NE       7    11
## 3268     NW    50  <NA>      N       0    17
## 3269     SW    54    SW    WSW      24    28
## 3270    WSW    33   WSW     SE      11     7
## 3271     NE    33  <NA>     NE       0    15
## 3272     NW    30   NNE    ENE       9     9
## 3273     NW    70     N     NW      11    31
## 3274      W    37   WNW     NE       7    11
## 3275      E    30  <NA>      E       0    17
## 3276     NW    83     W    WNW      31    26
## 3277      W    83   WNW   <NA>      20    NA
## 3278    WNW    74   SSW     NW       9    31
## 3279    NNW    37    NE      N       9    13
## 3280      N    28    SW     NE       2    15
## 3281    WNW    70     N    NNW      15    35
## 3282    WSW    69    SW    SSW      28    26
## 3283     SW    41     N     SW      13    30
## 3284      W    37   NNE    ENE       4    11
## 3285     SE    31     W     SE       7    20
## 3286    NNE    24   ENE      S       2     7
## 3287    WNW    44   NNE     NW       7    26
## 3288     SW    43    SW   <NA>      22    NA
## 3289    ENE    31   WSW      N       6    19
## 3290      W    76     W    ENE       9    11
## 3291      W    35     N    NNW       9    22
```

```
## 3292   WSW   43   W       WSW    13   30
## 3293   WSW   26   <NA>    NNW     0    7
## 3294   NNE   24   NNW     NNE     4   11
## 3295   NNE   28   N       NE      6   17
## 3296   NW    50   N       WNW     9   28
## 3297   SE    39   SSE     ESE    26   15
## 3298   ESE   28   <NA>    NE      0   13
## 3299   E     20   WSW     E       9   11
## 3300   NNW   54   NNE     NNW    11   28
## 3301   W     48   SW      SSE    31   22
## 3302   N     26   NNE     NNE    13    9
## 3303   WSW   69   ENE     SSW     6   19
## 3304   N     35   SW      SE      4   19
## 3305   W     72   N       N      13   31
## 3306   NW    80   NW      WNW    35   20
## 3307   WSW   50   WSW     W      17   28
## 3308   NW    39   N       N      13   17
## 3309   NW    80   WNW     WNW    48   37
## 3310   WNW   72   WSW     W      28   28
## 3311   WSW   56   WSW     SW     30   28
## 3312   ESE   35   WSW     N       6    6
## 3313   NW    37   N       WNW     6   24
## 3314   NNW   44   <NA>    WNW     0   22
## 3315   ENE   31   SW      ESE     9   20
## 3316   SSW   41   SW      S      24   22
## 3317   E     24   S       ESE    11    6
## 3318   S     46   <NA>    ENE    NA    6
## 3319   SW    35   SW      NNE    17   22
## 3320   WSW   69   SW      WSW    15   37
## 3321   SW    57   SW      S      35   31
## 3322   S     54   SW      SSE    20   22
## 3323   E     35   SSW     SE     19   19
## 3324   N     35   W       N       9   20
## 3325   WNW   56   <NA>    S       0    4
## 3326   NW    74   WNW     NW     24   37
## 3327   WNW   70   WNW     W      22   31
## 3328   WSW   50   N       W       9   31
## 3329   W     59   WSW     WSW    33   28
## 3330   ENE   35   WSW     E      13   22
## 3331   ENE   35   SW      ENE    13   17
## 3332   ESE   35   <NA>    SE      0   20
## 3333   SSE   30   NNE     ESE     7   13
## 3334   E     39   <NA>    SE      0    7
## 3335   E     31   E       E       7   15
## 3336   SW    43   N       ENE     9   11
## 3337   E     37   SSE     ENE     6   20
## 3338   SSE   57   ENE     WSW     2    7
## 3339   SSE   50   S       SSE    13   20
## 3340   NNE   19   <NA>    N      NA    4
## 3341   E     31   NNE     SSE     9   11
## 3342   E     33   SW      ENE    11   15
## 3343   ENE   35   SSW     NE      2   13
## 3344   E     35   NE      ESE    13   20
## 3345   NNE   28   NNE     NNE    11   19
```

```
## 3346      ESE      35      NNE        E       9       22
## 3347       NW      85      NNE       NW      11       33
## 3348       SE      33        E      ESE      20       13
## 3349       SE      33        S      ESE      11       20
## 3350      SSW      28      SSE      SSW      11        7
## 3351        E      41      ESE        E       7       20
## 3352      ESE      24       SW      ESE      11       13
## 3353      ESE      37        N        N       7       11
## 3354       NE      35        W      ENE       4       13
## 3355        E      35       SW        E       7       22
## 3356      SSE      59      NNW        N       7       19
## 3357       SE      31      SSE      SSE      19       15
## 3358        E      31      NNE       NE      11       15
## 3359        E      35      SSW     <NA>      11       NA
## 3360      WSW      41      NNE        N      13       17
## 3361        S      37      ESE        E      11       26
## 3362        E      37        N      ENE      15       17
## 3363      SSW      30       NE        E       6       15
## 3364        N      48        N       NE       2       22
## 3365        E      33      WSW        E      17       17
## 3366       NW      70        N      NNW       9       35
## 3367      SSE      44       SE      SSE      19       15
## 3368       SW      20       SW        S      13        7
## 3369      ENE      33        N       NE       7       15
## 3370      SSW      44       SE        E       9       22
## 3371       NW      48      NNW      WNW      20       26
## 3372       NW      65       NE       NW       4       35
## 3373       NW      61       NW      WNW      17       31
## 3374        S      43      SSW        S      15       20
## 3375       SE      48        S      SSE      22       28
## 3376       SW      31      SSW       SE      19       15
## 3377        E      41      NNE      ENE      11       20
## 3378      SSE      37      ENE       SE       9       22
## 3379      ESE      43      ENE       SW       7        9
## 3380        E      48        E      ENE      13       22
## 3381        W      43        N       NW       9       13
## 3382      SSE      50       NW      NNE       6       20
## 3383        E      37       SE      ENE      13       19
## 3384      WNW      56      NNW      NNE      11       22
## 3385     <NA>      NA      WSW      SSW      26       22
## 3386      SSE      43     <NA>     <NA>      NA       NA
## 3387       SE      43      ESE      SSE       7       26
## 3388       SE      26        S       SE       9       15
## 3389       NE      37        N       NE       7       24
## 3390      ESE      35       NE      ENE      13       24
## 3391        N      57      ENE        N       6       41
## 3392       SW      54      NNE      ESE       7        9
## 3393      ESE      43        N        E      15       15
## 3394       NE      28        S      NNE      11       17
## 3395       NE      37      NNE        E      17       24
## 3396        E      43      ENE      ESE       2       20
## 3397        N      43       NE        N      11       17
## 3398      ENE      44      NNE        E      11       28
## 3399       SE      26        W      SSE      11        9
```

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```
## 3400       SW    20     SW       S     13      9
## 3401      NNE    17    SSW      NE      9     11
## 3402        E    31      W    <NA>      9     NA
## 3403      SSE    33      S      SE     15     20
## 3404      ENE    31      S       E     17     15
## 3405        N    35   <NA>     NNE      0     15
## 3406      NNW    43    NNE       N     11     20
## 3407       SE    41    NNE      NE      9      9
## 3408       SE    30    WSW     ESE      9     17
## 3409       NE    28      S      NE      6     17
## 3410       SW    43    NNE      NE      7     17
## 3411        E    35     NE       E     11     22
## 3412     <NA>    NA      S     ESE      7     17
## 3413     <NA>    NA   <NA>     ENE     NA     17
## 3414        E    33   <NA>     WSW     NA     17
## 3415      ESE    35      S    <NA>      6     NA
## 3416        E    37     NE      NE     11     22
## 3417      NNE    50      N     NNE     13     15
## 3418      SSE    48    ENE      SE     11     24
## 3419        S    26      S       E     11     17
## 3420        E    30    WSW       E      7     13
## 3421        W    63    NNE       N     15     17
## 3422       SE    35    ENE      SE     13     19
## 3423       SW    65    WSW      SW     22     33
## 3424       NW    59     SW     WSW     17     11
## 3425      NNW    44      N       N      7     11
## 3426      ESE    37      N     ENE      6      6
## 3427        N    59   <NA>       N      0     20
## 3428       SE    54     SE      NW     11     33
## 3429        E    31    SSW       N      9     11
## 3430        E    35     NE       E      2     13
## 3431      ESE    41    NNE    <NA>      9     NA
## 3432     <NA>    NA     SE       E     13     22
## 3433       NE    35   <NA>     ENE     NA     15
## 3434     <NA>    NA     SW       E      2     19
## 3435       NE    37   <NA>    <NA>     NA     NA
## 3436      NNE    54      E    <NA>      4     NA
## 3437        E    44   <NA>      NE      0     26
## 3438       SE    44    ESE      SE     17     22
## 3439     <NA>    NA    ESE     ENE     15     28
## 3440      ENE    43   <NA>     ENE     NA     24
## 3441       NE    41     NE      NW      2     13
## 3442      SSE    46    SSW    <NA>     15     NA
## 3443      SSW    39     SW     ENE     13      4
## 3444        E    28    ESE     WNW      9     19
## 3445      ENE    30    WSW     NNE      4     15
## 3446      ENE    28     SW       E      6      9
## 3447     <NA>    NA   <NA>     NNE      0     11
## 3448     <NA>    NA   <NA>      NW     NA     13
## 3449        S    19   <NA>     NNE     NA      7
## 3450       SW    39   <NA>       E      0     19
## 3451      WSW    52    NNW     ESE      6      4
## 3452       SW    41     SW       S     22     24
## 3453     <NA>    NA     SW     ENE     13     11
```

```
## 3454          E    39   <NA>    SE     NA    20
## 3455         NE    26    SSW    NE      6    17
## 3456          N    35   <NA>   NNE      0    19
## 3457        NNW    24     SW   NNE      7    11
## 3458       <NA>    NA      N    NW      7    17
## 3459         SE    37   <NA>   ESE     NA    22
## 3460          E    31    SSW   ENE      9    15
## 3461          E    35    SSW  <NA>      2    NA
## 3462         NE    30     SW     N     15    15
## 3463       <NA>    NA   <NA>     N      0     9
## 3464        SSW    50   <NA>   SSW     NA    22
## 3465          S    37     SW     S     19    19
## 3466         SE    31    SSW   ESE     15    20
## 3467        ENE    28      S   ESE     11    17
## 3468         NE    33    WSW   ENE      9    22
## 3469         NE    20    ENE  <NA>      9    NA
## 3470         NE    28      N   NNE      9     7
## 3471          N    48    ESE   NNE     11    30
## 3472          N    43    NNE     N     13    28
## 3473        WSW    35    NNW     W     17    19
## 3474          S    31     SW  <NA>     17    NA
## 3475         SE    35    SSW    SE     19    19
## 3476        ENE    35    SSE   ESE     13    17
## 3477        SSE    35     SW     S     15    17
## 3478          E    28     SW   ENE     11    13
## 3479          E    28     SW   NNE      7    13
## 3480        ENE    28     SW    NE      7    11
## 3481          E    22     SW    SE      7     7
## 3482          E    30     SW   ENE      4     6
## 3483       <NA>    NA   <NA>    SW      0     7
## 3484        ENE    30   <NA>   ENE     NA    11
## 3485        SSE    44   <NA>   WNW      0    19
## 3486        ENE    31      E    SE      7     6
## 3487       <NA>    NA     SW  <NA>      7    NA
## 3488        ENE    31    WSW     E     13    19
## 3489         NE    31   <NA>    NE      0    17
## 3490         NW    31    NNW   NNW      6    15
## 3491         SW    28     SW    SE     15    13
## 3492        ENE    26   <NA>   NNE      0    15
## 3493       <NA>    NA   <NA>  <NA>      0    NA
## 3494         SW    22   <NA>   WSW      0     7
## 3495          S    39     SW   SSW     15    22
## 3496        WSW    30     SW    NW     17     9
## 3497        ESE    28     SW     E     11    13
## 3498         SE    39     SW   ENE     13     9
## 3499        ESE    37     SW    SE     17    26
## 3500        ESE    22     SW   ESE      2    15
## 3501        NNE    26    WSW   NNW      7     6
## 3502          N    24      N     N      9    17
## 3503          W    52     SW   WSW     19    26
## 3504         SE    30    WSW   ESE     17    20
## 3505        NNE    22   <NA>   NNE      0    15
## 3506         SW    44    NNE   WNW     11    24
## 3507         SW    44    WSW    SW     22    30
```

```
## 3508            E          26        SW          E         15         11
## 3509          NNE          20        SW          N          7         11
## 3510            E          30        SW         SE         11          9
## 3511          WSW          50        SW          E          9         11
## 3512            E          28       WSW        ESE          4         17
## 3513          ENE          24       WSW         NE          7          9
## 3514         <NA>          NA         S          N          6          7
## 3515          ESE          26        SW          N          4          7
## 3516          NNE          26       WSW         NE          4          7
## 3517           NE          20        SW        NNW          6          7
## 3518         <NA>          NA        NW         SW          7          7
## 3519          SSW          41      <NA>         SW         NA         26
## 3520          SSE          39       WNW       <NA>         13         NA
## 3521           SW          31        SW        WSW         17          4
## 3522            N          19       NNE        WNW          7          6
## 3523            W          35       NNE        WSW          4         22
## 3524          WNW          33       WSW          W         11         24
## 3525         <NA>          NA       WSW       <NA>          7         NA
## 3526         <NA>          NA      <NA>       <NA>         NA         NA
## 3527         <NA>          NA      <NA>       <NA>         NA         NA
## 3528          ENE          24      <NA>          E         NA         15
## 3529          NNE          33      <NA>          N          0         15
## 3530         <NA>          NA       WNW        WSW          9         30
## 3531         <NA>          NA      <NA>       <NA>         NA         NA
## 3532          WSW          28      <NA>       <NA>         NA         NA
## 3533         <NA>          NA         W        ENE          2          7
## 3534          NNE          24      <NA>        NNE         NA         15
## 3535            N          24        SW        NNE          4          9
## 3536           SW          52      <NA>          W          0         28
## 3537            W          46        SW          S         24         19
## 3538           SW          43         N         SW          2         19
## 3539          SSW          37       WSW         SW         13         19
## 3540         <NA>          NA       SSW          S         19          9
## 3541          NNW          20      <NA>        NNW         NA         13
## 3542           SW          15        SW       <NA>          6          0
## 3543         <NA>          NA        SW          S         13         11
## 3544          ESE          28        SW          E         17         13
## 3545          NNE          17        SW          N          9          9
## 3546           SE          28        SW         SE         11         17
## 3547           SW          35        SW         SE         19         13
## 3548          WSW          22        SW          E         15          9
## 3549          NNE          22      <NA>          N          0         15
## 3550         <NA>          NA      <NA>         NE          0          7
## 3551           SW          35      <NA>        SSW         NA          9
## 3552          SSW          30         S        SSW         15         13
## 3553         <NA>          NA      <NA>        NNE          0         15
## 3554          NNE          28      <NA>        NNE         NA         11
## 3555          NNE          20         N        ESE          7          4
## 3556          SSW          46        SW        SSW         24         22
## 3557           SW          26        SW          S         17         11
## 3558            S          20       WSW        SSE          7         11
## 3559            S          37       SSW         SW         22         22
## 3560            S          41        SW         SE         19          9
## 3561          SSW          31        SW        WSW         22         20
```

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```
## 3562      S     48     SW     SSW     17     19
## 3563     SW     31     SW     SSE     19     15
## 3564    ENE     22    WSW      NE      7      9
## 3565      W     54   <NA>       W      0     26
## 3566      W     50    WSW      SW     20     22
## 3567     SW     35      N     WSW      4     24
## 3568    SSW     31    WSW       S      7     17
## 3569     SW     28    WSW     WSW     20      4
## 3570    WSW     17   <NA>     NNE      0      6
## 3571      N     22   <NA>       N      0     11
## 3572      N     24   <NA>       N      0      7
## 3573     NW     59      N      NW     15     19
## 3574      W     33   <NA>     NNW      0      2
## 3575      W     54    NNE     WSW      7     20
## 3576    WSW     35   <NA>      SW      0      9
## 3577     SE     26   <NA>     SSE      0      9
## 3578      S     31    SSW     SSE     13     20
## 3579    WSW     19     NE     SSW      6      9
## 3580    NNE     26   <NA>     NNE      0     15
## 3581      N     30   <NA>       N      0      9
## 3582    NNE     35    NNW     SSW     11     20
## 3583    WSW     28     SW       W     17     15
## 3584    WSW     19   <NA>    <NA>      0      0
## 3585   <NA>     NA   <NA>       N      0      4
## 3586    WNW     22   <NA>    <NA>      0      0
## 3587    WNW     19   <NA>       S      0      6
## 3588      W     15   <NA>    <NA>      0      0
## 3589     SW     43    WSW       S     26     17
## 3590     SW     28     SW       W     19      7
## 3591    WSW     20    SSW    <NA>      9      0
## 3592     SW     35    WNW      SW      6     17
## 3593    WSW     30    WSW       S     20     19
## 3594     SW     48     SW     SSE     20     17
## 3595    ESE     28     SW      SE      9     11
## 3596      N     20   <NA>       N      0      9
## 3597     SW     17    NNW      SW      7      6
## 3598    SSW     22     SW    <NA>      6      0
## 3599    NNE     26   <NA>       N      0     15
## 3600      W     57     NW     WNW     19     30
## 3601    WSW     50    WSW     WSW     20     24
## 3602     SW     37    WSW     WSW     20     11
## 3603    NNE     22     SW     NNE      9     13
## 3604      N     19   <NA>     NNE      0     13
## 3605    SSE     17   <NA>     SSE      0      9
## 3606     SW     30     SW      SE     20     19
## 3607    SSW     28    SSW     WSW     15     15
## 3608     SW     37    WSW     SSE     20     11
## 3609      S     30     SW    <NA>     15     NA
## 3610      E     22     SW       E     11      6
## 3611    WSW     39     SW       E     13     15
## 3612    ENE     46     SW       E     15      7
## 3613     SW     17   <NA>      NE      0      2
## 3614     SE     15   <NA>    <NA>      0     NA
## 3615    WSW     28   <NA>      NE      0      6
```

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```
## 3616   WNW   35   <NA>   NNE    0    9
## 3617     W   50   <NA>   WNW    0   33
## 3618   WNW   59      N   WNW    7   37
## 3619   WSW   67    WSW   WSW    9   30
## 3620   SSW   56    SSW   SSW   33   22
## 3621     W   26    WNW   WNW    2   15
## 3622   WSW   44    NNE   <NA>   9   NA
## 3623     S   33    WSW   WSW   19   17
## 3624     W   31     SW     N   20    7
## 3625   NNE   24   <NA>   NNE    0   11
## 3626   ESE   48    WSW     N    6   19
## 3627   WSW   20      N    SSE    7    6
## 3628    NW   67    NNW    NW   11   37
## 3629   WSW   57    WSW   WSW   31   26
## 3630  <NA>   NA    WSW   WSW   26   11
## 3631   NNW   26   <NA>    NW   NA   11
## 3632   WNW   61      N   WNW   11   28
## 3633     W   44      W   WNW   28   20
## 3634    SW   28   <NA>    NE    0   13
## 3635  <NA>   NA   <NA>   NNE    0   20
## 3636   WNW   61   <NA>   WNW   NA   35
## 3637     W   35    NNW     W    4   19
## 3638   WSW   48   <NA>    SW    0   26
## 3639   WSW   24      N    NNE    7    7
## 3640  <NA>   NA      N    NNE    7    9
## 3641   SSW   43   <NA>   WSW   NA   24
## 3642   WNW   46    WSW   WNW    4   22
## 3643   WNW   57     NW    NW   19   31
## 3644   WSW   48      N   WNW   13   30
## 3645    SW   30    WSW    SE    9    9
## 3646     E   31   <NA>   NNE    0   11
## 3647     E   33   <NA>   NNE    0    7
## 3648     N   30   <NA>     N    0    6
## 3649     W   57   <NA>    NW    0   19
## 3650     S   24     SW    ESE    9   11
## 3651   SSW   24     SW   <NA>   13    0
## 3652   WNW   63   <NA>   NNE    0   24
## 3653   WNW   65     NW     W   26   33
## 3654     W   50     NW     W    6   22
## 3655   SSW   35    SSW    SSE   17   19
## 3656   ESE   26     SW     N   11    6
## 3657     N   28   <NA>   NNW    0    7
## 3658     W   65   <NA>     W    0   31
## 3659    SW   37    WSW     S   19    4
## 3660    NE   31     NW    NE    4   13
## 3661    SW   48   <NA>   WSW    0   22
## 3662   WSW   28      E    SE    6   11
## 3663   WNW   48     SW     W   26   30
## 3664     W   52     NW   WSW   13   28
## 3665   WSW   26    WSW    NNE   13    9
## 3666    SW   39      N    SSW   11   22
## 3667   NNE   24     SW    NNE    7   17
## 3668     W   33    SSW    ESE    9    9
## 3669    SE   41    NNW    ENE    2   24
```

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```
## 3670      N     30      NW      ENE      13     11
## 3671      E     31      SE       E       13     17
## 3672    NNE     20       N       N       11      6
## 3673     SW     26       W      SW        2     17
## 3674     SE     48       N      NE        9     11
## 3675    WNW     46       N       W        7     24
## 3676     SW     43     NNW     WNW       11     26
## 3677     SW     43      SW      SE       20     20
## 3678     NE     39       W       E        6     13
## 3679    ENE     24     WSW      NE        7     13
## 3680    ENE     61     ENE     ESE        6     19
## 3681    ESE     48      SE       E        7     17
## 3682    ENE     33     ESE     ENE        7     17
## 3683      N     46       N       E        6      6
## 3684    ENE     30    <NA>     ENE        0     13
## 3685     SW     46       N     ESE        9     24
## 3686    ESE     35    <NA>     ESE        0     17
## 3687    ENE     24     SSE     NNW        4      9
## 3688      E     44       E       E        7     26
## 3689     NE     43     ESE      NE        9     26
## 3690    NNE     30       N       E        9     13
## 3691    NNE     57     SSW       E        4      6
## 3692      N     26       N       S       17      9
## 3693   <NA>     NA     NNE       N       22     41
## 3694      W     78       W       W       39     41
## 3695     SW     41     WNW     ENE       11      9
## 3696     SW     44     WSW      SW       20     11
## 3697    ESE     20       W       E        7     11
## 3698      E     30     NNW     ENE        2     13
## 3699     NE     31    <NA>     NNE        0     13
## 3700     NW     44     WSW       N        4     24
## 3701    WSW     48    <NA>       W        0     24
## 3702      S     35      SW     SSW       17     19
## 3703      S     43     SSW     SSE       19     13
## 3704    NNE     28    <NA>     NNE        0     17
## 3705    ESE     41    <NA>       E        0     17
## 3706     SE     22      SW       E       11     11
## 3707     NE     24      SW     ESE        6     11
## 3708    ENE     39       N     ENE        6     19
## 3709    WNW     37      NE     NNW        4     17
## 3710      W     46      SW      SE       13     19
## 3711     SW     50     WSW     WSW       26     26
## 3712    ESE     39       W     SSW        7     15
## 3713      S     31     SSW       S       11     17
## 3714    SSE     41      SW      SE       15     20
## 3715    SSE     31      SW       E       11     15
## 3716      N     31       N      NE        9     13
## 3717     SW     59     ENE      NE        2     20
## 3718     NE     26     ESE       E       15     13
## 3719    WSW     63     NNE     SSW        6     37
## 3720     SW     37       N     NNE        7     15
## 3721      E     39    <NA>     NNE        0      4
## 3722     NE     46     NNE     WNW        7      9
## 3723      N     39     NNE       N       11     26
```

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```
## 3724       SW    31     SSW      N       17      9
## 3725       NE    39     ENE     NE        7     22
## 3726      ENE    26       S     NE       13     17
## 3727        S    35       S    NNE        6      7
## 3728      SSW    50       S    SSE       24     13
## 3729      ESE    30    <NA>     NE        0     15
## 3730      ESE    35      NW      E        6     20
## 3731      ESE    37      NW      E        2     19
## 3732        N    35     NNE     NE       11     17
## 3733        E    33     NNE     NE        7      9
## 3734      NNE    35       W    NNE        4      9
## 3735        E    33      NE      E        6     20
## 3736      ENE    43       S    ENE        4     28
## 3737        N    28      NE    NNE        7     11
## 3738        S    31      SW      S       13     20
## 3739      ESE    31      SW      E        4     11
## 3740        E    37       E     NE       15     13
## 3741        E    31      NE    ENE       13     20
## 3742      ESE    39    <NA>     SE        0     13
## 3743        E    30      SE    NNE        4      7
## 3744      ENE    31     SSW     NE        6      4
## 3745        N    43     ENE     SW        2     11
## 3746       NE    41      NE      E       15     24
## 3747      ENE    37      NE    NNE       13     19
## 3748        N    46      NW      N        2     17
## 3749       SW    31     SSE      N        7      9
## 3750        N    37     SSW    NNW        4     22
## 3751      WNW    46       N     NW       11     26
## 3752      ESE    43     SSE      E        9     19
## 3753        E    31     SSW      E       15     15
## 3754      ESE    30     NNW      N       13      9
## 3755      NNW    44       N    ENE        9     17
## 3756      WNW    35     NNW     NW        6     11
## 3757        W    54       N     SW       11     41
## 3758       SW    44    <NA>    NNE        0     15
## 3759        W    67       W      W       33     41
## 3760      WSW    46     WNW      W        9     20
## 3761     <NA>    NA       S      E        9     19
## 3762      SSE    46      SW    NNE        7      6
## 3763        S    24      SE    <NA>      13      0
## 3764        N    31     NNE      N       11      9
## 3765      SSW    63     WNW    NNE       11      9
## 3766        E    33     SSW     SE        6     13
## 3767      ENE    26      SW    ESE       11     13
## 3768      ENE    30       N      N        9     11
## 3769       NE    31      SE    ENE        7     19
## 3770        E    31      SE    ENE        9      6
## 3771        E    28       N    ENE        2      7
## 3772      SSW    39      NW    ENE        6     19
## 3773        S    39      SW    ESE        7     13
## 3774       SE    20     SSW    SSE        9     13
## 3775      ESE    33    <NA>     NE        0     15
## 3776      SSW    39       S    SSE       15     20
## 3777        E    35     SSW    WSW        9      7
```

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```
## 3778      S    43   <NA>    E      0   19
## 3779    WSW    48    SSE  ESE      2   19
## 3780    ENE    46    ENE    E     19   19
## 3781    ENE    41     NE  ENE      6   13
## 3782    ENE    35     NE   NE      4   15
## 3783      E    41    ENE  ENE     13   24
## 3784    NNE    39    NNE    N     15   20
## 3785    ESE    30   <NA>    N      0    9
## 3786    NNE    31     SW  NNE      6   19
## 3787     SE    39   <NA>  ESE      0   20
## 3788     SE    37    SSW    E      6   22
## 3789    SSW    48     SE  ENE      6   11
## 3790    ENE    39      E    E      9   20
## 3791      N    33     SW    N      4   13
## 3792      E    37     NE  <NA>     6   NA
## 3793    ENE    33    NNE  <NA>    13   NA
## 3794      N    44     NE    N      6   22
## 3795      S    33     SW   NE      9    9
## 3796     SW    50     SW    E      6    7
## 3797    ESE    39    NNE   NE      7    7
## 3798      S    31      S    E     13   15
## 3799    ENE    39    SSE  ENE      6   15
## 3800    ENE    30   <NA>    N      0   11
## 3801      E    31    NNW   NE      6   11
## 3802     NW    44    SSW    W      4   19
## 3803    ENE    37      E    E     11   22
## 3804    WNW    50      W    W      7   22
## 3805     SE    37    NNE    E      9   26
## 3806     NW    56    NNE    N      9   35
## 3807    SSE    52    WSW  SSE     15   33
## 3808      E    28    SSW    E     11    9
## 3809    ESE    33    WSW  ESE      7   20
## 3810    ENE    31    SSW  SSE     11   15
## 3811      E    33   <NA>    E      0   17
## 3812     SW    44      N  WNW      6   17
## 3813      S    37      S  SSE     20   11
## 3814    SSE    35     SW  SSE      4   17
## 3815      E    30    SSW    E     13   15
## 3816    ESE    24      S  ESE     11   17
## 3817     NE    20     SW    N      9   13
## 3818      N    30      W  WNW      7   11
## 3819      E    28     SW   SE      6    7
## 3820    NNW    43    NNE  NNW     11   24
## 3821      W    35    WSW    W      7   17
## 3822     SE    39      S   SE      2   24
## 3823    ESE    41     SW  ESE     17   26
## 3824      E    35     SW  SSE     13   13
## 3825    ENE    28     SW  ENE      6   19
## 3826     NE    35    NNE  NNE      9   13
## 3827    ESE    41   <NA>  SSW      0   11
## 3828      E    26    WNW    N      6   13
## 3829    SSE    28     NE   SE      9   17
## 3830    WSW    54     NW  WSW     15   31
## 3831    NNE    26      S   NE      9   11
```

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```
## 3832       W        35    <NA>     WSW        0      17
## 3833       E        41       W     SSE        4      19
## 3834     SSE        37       S     SSE       15      22
## 3835      SE        33      SE       E       13      19
## 3836     ENE        31     WSW      SE       11       7
## 3837       E        35    <NA>     NNW        0       9
## 3838      NW        30    <NA>       W        0      13
## 3839     WSW        35    <NA>      SW        0      19
## 3840     ENE        31    <NA>     ENE        0      19
## 3841      NW        26     WSW     WSW        7       6
## 3842     WNW        33      SW      NE        7      11
## 3843       S        43     SSE     SSE        2      20
## 3844      SW        24      SW       E       15       6
## 3845       S        39       N      SE        7      19
## 3846      SE        28       S     ESE        9      17
## 3847     SSE        39     SSW     SSE       17      24
## 3848     SSW        30      SW     SSE       13      15
## 3849       E        48       S     SSE        9      11
## 3850     WSW        43     SSE     ENE        7       4
## 3851     ESE        24    <NA>      NE        0      11
## 3852      SW        43    <NA>     WNW        0      26
## 3853       W        52       N     WNW       13      28
## 3854       W        39     WSW     SSW       19      24
## 3855       S        43      SW       S       24      19
## 3856       S        30     WSW     SSW       11       7
## 3857       E        26     WSW     ENE       13      15
## 3858      NE        33      SW     NNE        6      19
## 3859     WSW        54     NNW    <NA>        6       0
## 3860       S        26     SSW      SE       13      15
## 3861      SW        20      SW       N       13       4
## 3862       W        11    <NA>     WSW        0       2
## 3863     SSW        22      SW       S       11      13
## 3864       E        30      SW       S       19       9
## 3865      SW        31      SW      SE       17      11
## 3866      SW        26      SW     WSW       19       6
## 3867     NNE        19      SW       N        7       7
## 3868       W        15     NNW     NNW        4       2
## 3869     SSW        39      SW       S       15      22
## 3870      SW        43      SW      SW       26      13
## 3871       W        46    <NA>     WNW        0      28
## 3872       W        41     WSW     WSW       22      26
## 3873     WSW        46     NNE     WNW        4      19
## 3874      SW        52     WSW      SW       11      26
## 3875     WSW        20     WSW       N        6       6
## 3876     SSE        15    <NA>      NE        0       4
## 3877     ESE        20      SW      NE       11       4
## 3878      NE        17       N     ENE        4       9
## 3879     NNE        26      NW       N        2      13
## 3880     ENE        15       E     ENE        2       7
## 3881      NE        17    <NA>     NNE        0       9
## 3882       N        20    <NA>     NNE        0      11
## 3883     WNW        56       N      NW       17      26
## 3884      SW        31     NNW      SE        2      11
## 3885       S        50      SW     SSW       20      20
```

```
## 3886      SW      35      SW      WSW      11      15
## 3887      SW      28     WSW       S        6       7
## 3888       S      17      SW      SE        7      11
## 3889      SW      20     WSW     WNW       15       6
## 3890     SSW      39      SW     SSW       19      17
## 3891      SE      30     SSE      SE       15      15
## 3892      SE      33     SSW     SSE        9      17
## 3893      SE      26      SW     SSE       11      13
## 3894     NNW      13     NNE      NW        4       4
## 3895      SW      17      NE     <NA>       2       0
## 3896      SW      26     WNW     WSW        4       7
## 3897      SW      26       W      SW        4      19
## 3898     WNW      33      NW     WNW        2      19
## 3899     WSW      54       W     WSW       13      31
## 3900     WSW      46     WSW     WSW       17      26
## 3901     WSW      43      SW      SW       19      15
## 3902       S      39      SW     SSE       19      13
## 3903       S      46      SW       S       15      19
## 3904     SSE      31      SW       E       13       9
## 3905     SSW      41     SSW       S       19      17
## 3906     SSE      48     SSW       S       15      17
## 3907       S      24      SW     SSW       15      11
## 3908     WSW      59       N       W        4      26
## 3909     WSW      54     WNW     WSW        7      19
## 3910      SW      20     <NA>     WNW       0       6
## 3911     WNW      37     NNE     WNW        4      24
## 3912     WSW      63       N      SW       17      37
## 3913       W      52      SE     WSW        4      19
## 3914     WSW      37     NNW     WSW        4      22
## 3915       W      22     NNE      SW        2       7
## 3916     NNE      17       W      NE        2       9
## 3917     NNE      11     <NA>     NNE       0       6
## 3918      SW      22      SE       E        2       9
## 3919     SSW      24      SW       E       11       9
## 3920     SSW      35     SSW     SSW       15       9
## 3921      SE      22     WSW      SE        6       7
## 3922      SW      22      SW     SSE       11      11
## 3923     NNE      22     NNW      NE        2      13
## 3924     NNE      31       W     NNE        2      22
## 3925      NW      48       N      NW       17      31
## 3926     WNW      63       W       W       20      31
## 3927     WNW      57     NNW     WNW       11      39
## 3928       W      61       W     WSW       31      31
## 3929     <NA>     NA       N     NNW        4       6
## 3930     WSW      37     NNW      SW        4      22
## 3931     WNW      46       W     WNW       26      26
## 3932       W      35       W     SSW        7      11
## 3933       N      19       N       N        6       9
## 3934     WSW      28     WSW      SW        9       7
## 3935       S      41     SSE     SSW        4      17
## 3936       S      28     WSW     ESE       13      11
## 3937     NNW      17      SW     NNE        6      11
## 3938       N      20      SW     NNE        9      13
## 3939       W      31      NE     NNE        2       4
```

```
## 3940   <NA>    NA    <NA>     W      0    19
## 3941   SSW     56     SW     SSW    24    31
## 3942    SW     39     SW      SW    17    20
## 3943   SSW     37    SSW     SSW    20    13
## 3944    SW     39     SW     SSW    19     9
## 3945   WSW     19    WSW     WSW     7     9
## 3946    SW     24     NW       W     2     9
## 3947   WSW     37    <NA>    WSW     0    11
## 3948    SW     28     SW     ESE    17     2
## 3949     N     13    <NA>    NNE     0     6
## 3950     N     11    <NA>      N     0     4
## 3951   NNE     15    <NA>    NNE     0     7
## 3952   WSW     11    NNE     NNE     2     6
## 3953   NNE     19     SW       N     4    11
## 3954    NE     13    <NA>    ENE     0     6
## 3955   NNE     17    <NA>    NNE     0    11
## 3956   <NA>    NA    <NA>    NNE     0     9
## 3957   NNW     28      N     WNW     6    13
## 3958   WSW     33    WSW     WSW     2     9
## 3959   WNW     46     NE     NNW     6    11
## 3960     W     30    WNW     SSW     2     9
## 3961   WSW     28     SW     WSW     4    13
## 3962   WSW     35      N       W     9    20
## 3963   WSW     26    <NA>      W     0    15
## 3964    SW     35     SW     SSE    17    11
## 3965   ENE     19     SE     ENE     2     4
## 3966   SSE     26    SSW      SE     6    15
## 3967     E     19    <NA>    ESE     0    11
## 3968   ENE     20    NNE     ENE     2    11
## 3969     N     17      W     NNE     2    11
## 3970   WNW     41    NNE     WNW     7    20
## 3971   SSW     50    WSW       S    15    30
## 3972   ESE     37      S      SE    11    20
## 3973    SE     31      S     SSE    13    17
## 3974    SE     30    WSW      SE    11    15
## 3975     E     13     SW      NE     6     4
## 3976     N     26    NNE       N     6     9
## 3977   NNE     17    NNW     NNE     4     7
## 3978     E     24    WSW     ENE    13    13
## 3979   NNE     15    NNE       N     4     6
## 3980   NNE     22     SW      NE     7     7
## 3981    SW     24     NE     WSW     6     9
## 3982   ESE     26    WSW       E     9    15
## 3983   ESE     26     SW     NNE     2     6
## 3984   ESE     31    SSW     ESE     4    20
## 3985    SW     28    SSW     ESE    17    11
## 3986     N     31      N       N     4    15
## 3987    NE     26     SW     NNE     2     9
## 3988   ENE     22      S       E     2     9
## 3989     W     56    WSW     WNW     2    20
## 3990   ENE     30    WSW     NNE     6     7
## 3991     E     22     SW       E     9    13
## 3992   WSW     30    NNW       E     6     2
## 3993    SW     61     SW     WSW    28    24
```

```
## 3994        W     41     WSW       W     22     22
## 3995      SSW     33      SW     ENE     19      6
## 3996       NW     37       N     NNE      2      7
## 3997      WSW     43     NNE     WSW      4     26
## 3998      ENE     26     ESE     ESE      7     17
## 3999       SW     54      NE       S      2      6
## 4000       NE     20       W      NE      2      9
## 4001      ESE     41     NNE     SSE      2     17
## 4002        N     35     NNE      NE     20     15
## 4003        W     69     NNW       W     24     39
## 4004       SW     30     NNW     NNE      7     11
## 4005      NNE     26       W     NNE      4     13
## 4006       SW     50      NE     WSW      4     31
## 4007      ENE     24      SW     ESE      4     11
## 4008        S     37      SW      SW     15      7
## 4009       SE     30       S     ESE     13     17
## 4010        N     35     NNE      NE      4     13
## 4011      NNE     31       N     NNE      2     11
## 4012        W     65     NNE      NW     13     19
## 4013        W     59       W       W     26     20
## 4014      SSW     30     NNW       N      2     13
## 4015        S     48     SSW     SSE     17     26
## 4016       SW     33      SW       S     13     13
## 4017      SSW     30      SW     ESE     19      7
## 4018      NNE     22      SW     ENE      7      6
## 4019      NNE     22     WSW     NNE      6     15
## 4020        N     20     WNW       N      2     13
## 4021       SE     22    <NA>       S      0      9
## 4022      WSW     44     NNW     WSW      7     22
## 4023      WSW     30       W     NNW      2      4
## 4024      WSW     33      SW     WNW     15     11
## 4025       SE     33      SW       E      9     19
## 4026      ENE     28     SSE      NE      7     11
## 4027       NE     19     WSW     ENE      4      4
## 4028        E     24     WSW      SE      7     15
## 4029      WSW     37     WSW      SW      9     19
## 4030      ENE     30      SW       E      6      7
## 4031      ENE     28     ESE     ENE      2      9
## 4032        E     28     ESE      NE      2      9
## 4033        E     26     SSW     NNE      4     13
## 4034      ENE     28      NW     NNE      2      9
## 4035        E     24       N      NE      6     13
## 4036      ENE     24       W      NE      2     11
## 4037      WNW     48       N       W      9     28
## 4038        S     33     ESE       S      6     15
## 4039       SE     30      SW     SSE     11     13
## 4040      ENE     22     SSW      SW      7      7
## 4041      NNE     28      NE       N      4     13
## 4042        N     24      SW      NE      4      9
## 4043      WSW     46      SE       W      2     26
## 4044        E     31     SSW       E      7     17
## 4045     <NA>     NA     ENE    <NA>      6     NA
## 4046      ESE     35     ESE       E      2     20
## 4047       SE     26     SSE     ESE      6      9
```

```
## 4048      E       30     ESE       E       4      13
## 4049    NNE       30       N     NNE      13      13
## 4050     NW       30     NNE     NNE       2      20
## 4051   <NA>       NA       E      SE       6      22
## 4052    WNW       67      SW     NNE       4      13
## 4053     NE       24     NNW     NNE       6       9
## 4054    WSW       59      NW     WSW       6      35
## 4055      E       41       N       E       7      22
## 4056      E       35    <NA>      NE       0       7
## 4057     NE       33      SW     ENE       2      11
## 4058     NW       63     NNE     WNW       2      37
## 4059    ENE       33     NNE     NNE       6      11
## 4060    SSE       43      SE       S      13      15
## 4061     SE       13    <NA>     ESE       0       6
## 4062    NNE       24     NNE      NE      11      13
## 4063    NNE       31    <NA>       N       0       7
## 4064      W       57     ENE     WNW       7      37
## 4065    NNE       28       W      NE       2      17
## 4066     SW       33    <NA>     SSW       0      24
## 4067    SSE       30      SW     SSE      11      15
## 4068     SE       28     SSW     ESE       9      11
## 4069    ESE       26      SW       E      11      15
## 4070    WNW       43       W       N       9       9
## 4071    WSW       48     WSW     WSW      20      17
## 4072    ENE       31     NNE     NNE      11      19
## 4073      E       26      NW     ENE       2      11
## 4074    WNW       48     NNE      NW       4      24
## 4075      S       39       S     ESE      19      11
## 4076    SSW       35       S     SSE      19      13
## 4077    ENE       26       N       E       4       9
## 4078      S       37       S      SE      11      15
## 4079     SW       33       S     SSE      17      17
## 4080     SE       24     SSW       E       7       7
## 4081    ESE       22     SSW     ENE       6      11
## 4082    NNE       28     NNW      SW       2       7
## 4083      E       28     SSE       E       4      17
## 4084    ENE       24     SSE     ESE       2      11
## 4085    WNW       39      SE       N       6      13
## 4086      S       33      SW      SE       7       9
## 4087    SSW       28      SW     ENE      19      13
## 4088    ESE       26     SSW      SE      11       9
## 4089    ESE       28      SE     ENE       6       9
## 4090     SE       20       W     ESE       7      11
## 4091      E       31       E     ENE       9       7
## 4092    ENE       26    <NA>     NNE       0      11
## 4093    ENE       28    <NA>       N       0       6
## 4094      E       24     SSW      SE      11      11
## 4095    ESE       20      SW       E       2       9
## 4096     NE       20      SW     NNE      11      11
## 4097    ENE       26      SW       E       6      13
## 4098    ENE       30      SW     ENE       7      11
## 4099      E       31     SSE     ENE       2      11
## 4100      W       30     WNW     NNE       6       9
## 4101      S       31       S      SE      15      19
```

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## 4102     S    35     S     SE    22    11
## 4103    SE    30   SSE     SE     7    19
## 4104    SE    28     S     SE     7    17
## 4105   ENE    28     S     NE     4    15
## 4106     E    30  <NA>     SE     0     6
## 4107   ENE    28     N     NE     2    11
## 4108   ESE    28     N     NE     6    13
## 4109   SSE    63  <NA>     SW     0    15
## 4110    NE    31   SSW     NE     6    19
## 4111   SSE    31     S     SE    13    15
## 4112   ENE    31   NNW    NNE     4    11
## 4113     S    26   SSE     NE     6     4
## 4114    NW    33   SSW    WNW    20    11
## 4115    SW    30     W    WSW    11    13
## 4116   WSW    67   WNW      W    11    35
## 4117   ENE    30   SSW     NE    20    11
## 4118   ENE    31   NNE     NE     2    11
## 4119   SSE    26     S    ESE     7    11
## 4120     E    35   SSE    ESE     9    17
## 4121     N    48    SW      E     2     7
## 4122   ENE    35     N      E     7    13
## 4123   ENE    26   NNW     NE     2     9
## 4124     E    31    SW      E     7    11
## 4125     E    28  <NA>      E     0    19
## 4126    SE    24   WSW    ESE     7    13
## 4127   SSE    39    SW     SE    11    19
## 4128     E    35    SE    ESE     9    17
## 4129   ENE    22    SW     NE     6     4
## 4130   ENE    28  <NA>    ENE     0     6
## 4131     E    41     S    ENE     9    11
## 4132    SE    37   SSW      E     9    11
## 4133     E    26   ENE    ESE    11    15
## 4134   ENE    30    SE    ENE     6    24
## 4135   NNE    48     N      N    20    24
## 4136   ESE    37    SW      E    19    19
## 4137     S    39   SSW    ESE    15     7
## 4138   SSW    19    SW     SE     6     7
## 4139    SW    24   WSW    NNE     7     4
## 4140   ENE    26   WSW    ENE     4     9
## 4141     E    30   NNW     NE     6     9
## 4142   SSE    31   SSE     SE     9    15
## 4143   SSE    20   SSW    SSE     7     7
## 4144     E    24    SW      E     9     9
## 4145   NNE    31   SSE    WSW     6     9
## 4146     S    28   SSE      N     7     9
## 4147     W    63    SW    SSW     9     7
## 4148   WSW    41    SW    WSW     9    15
## 4149    SE    30   ESE    ESE     6    15
## 4150     E    31   SSE      E     9    20
## 4151     E    24   WSW    ESE     7    15
## 4152    NE    28   NNE    NNE     4    11
## 4153   WSW    39   ESE     SW     2    26
## 4154   ESE    26   SSW      E     9    11
## 4155   SSW    65   WNW    NNE     2     9
```

```
## 4156    SE    31      S    ESE    13    11
## 4157     S    39    WSW    SSW    11    19
## 4158    SW    20     SW      S     9     6
## 4159     N    20   <NA>    NNE     0     7
## 4160   ENE    30    SSE     NE     2     4
## 4161     E    30   <NA>     NE     0     9
## 4162     N    17      N      N     2     6
## 4163    NE    17   <NA>     SE     0     2
## 4164   WSW    31      N      W     6     9
## 4165     S    22     SW     SW     9    13
## 4166     S    33    NNE      N     7     6
## 4167     S    39     SW      S    11     9
## 4168   ENE    28    WSW    ENE     6    17
## 4169   NNE    24    NNE    ENE    13     6
## 4170    SW    35     SW    ESE    13    13
## 4171   SSE    31     SW     SE    11    13
## 4172   SSW    37     SW     SW    13    15
## 4173   WSW    52    WSW    WSW    24    20
## 4174    SW    33     NW    WSW     6    24
## 4175   ESE    35   <NA>    ESE     0    19
## 4176   ENE    26   <NA>     NE     0     9
## 4177     E    28     SE    ENE     4    19
## 4178   ENE    26     SW    NNE     4    11
## 4179     E    30    ESE      E     6     9
## 4180     E    28   <NA>     NE     0     7
## 4181    NW    78   <NA>    NNE     0     6
## 4182    SW    28    SSW     SE     4    11
## 4183     S    33     SW      S    17    15
## 4184     E    41      S    SSE     9    17
## 4185   ENE    22     SW      E     9     7
## 4186   NNE    30      N    NNE    11    13
## 4187   SSE    35    SSW   <NA>     9     0
## 4188   WSW    41    NNE     SW     4    11
## 4189    SW    37      W      W    13    17
## 4190   ESE    24     SW    ESE    11     9
## 4191   ENE    26     SW    ENE     6    15
## 4192     E    24      E    ENE     4    11
## 4193   ENE    20    WSW    NNE     4     7
## 4194   SSE    39     SW    ENE     6     6
## 4195     E    19     SW    NNE     9     7
## 4196   NNE    19     SE     NE     6     4
## 4197   WSW    39      N      E     2    11
## 4198   ENE    22     SW     NE     7     6
## 4199   NNE    17   <NA>     NE     0     6
## 4200   ENE    28   <NA>      E     0    13
## 4201   NNE    41      N      E     7     9
## 4202   NNE    28      N     NE     7    13
## 4203    SE    33     SW     SE     4    22
## 4204   WSW    35      N    NNE     4    11
## 4205    SW    41     SW    WSW    15    20
## 4206    SW    43     SW      S    24    19
## 4207     S    41     SW      S    22    17
## 4208   SSW    22     SW    ESE    15     4
## 4209   NNE    15    WSW     NE     4     6
```

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```
## 4210       ENE         17       <NA>        <NA>           0            0
## 4211        SW         17        WSW         ESE           7            2
## 4212        SE         26         SW         SSE          15           17
## 4213         S         37         SW          S           11           19
## 4214         E         33        NNW         SSE           2            2
## 4215         E         24       <NA>          NE           0            4
## 4216       ENE         13         NW         NNE           2            9
## 4217       ENE         20        WSW          E           11            7
## 4218       WSW         11         NE         WSW           6            6
## 4219       NNE         19        NNE          N           11           11
## 4220       WNW         50        SSW          W            2           20
## 4221       WSW         61         W          WSW          15           26
## 4222        SW         30        WSW         SSE          13            4
## 4223       ESE         19        NNE          SE           6            6
## 4224        NE         19         NE         NNE           7           11
## 4225         S         37        SSW          SE          19           15
## 4226       WSW         19         SW          E           11            9
## 4227       NNE         28       <NA>         NNE           0            9
## 4228         W         22       <NA>          W            0            9
## 4229       SSW         17         SW         SSW           7            6
## 4230        SW         26         SW          S            9            7
## 4231       WSW         26         SW          SW          19           11
## 4232        SW         24         W          ENE           2            6
## 4233         S         17         SW         SSW           2            6
## 4234        SW         13        ENE          S            4            2
## 4235         N         17        NNW         NNE           4            6
## 4236         E         20        ESE          NE           2            4
## 4237        NW         35        NNW          N            2            9
## 4238        SW         35         SW         WSW          13           15
## 4239       WSW         59         W           W           26           31
## 4240        SW         35         SW         SSW           9           11
## 4241        SW         30         SW         WSW           6           11
## 4242        SW         26         SW          E           13            4
## 4243       NNE         13        WSW          NE           2            4
## 4244        SW         11       <NA>         NNE           0            7
## 4245       SSW         24       <NA>          SW           0           11
## 4246         E         22         SW         ESE          11           13
## 4247         N         19       <NA>         NNE           0           11
## 4248         W         24         N          WSW           7            9
## 4249         N         22       <NA>         NNE           0           11
## 4250         N         15        WSW        <NA>           6            0
## 4251       WNW         57        NNW         WNW           6           33
## 4252       WSW         54         NW         WSW          15            9
## 4253       SSW         30        SSW         SSW           4            4
## 4254         S         22        WSW          SE          11            4
## 4255       SSW         22         SW         ESE          13            7
## 4256       SSW         20         SW         WSW          11            6
## 4257        SW         19         W          NNE           4            4
## 4258       NNE         13        WSW         NNE           4            6
## 4259       ENE         13        WSW         ESE           7            6
## 4260       WSW         15         SW          SE           6            2
## 4261       WSW         30        WNW          W            6           13
## 4262       SSW         52        SSW         WSW           2           17
## 4263       SSW         39        SSW         SSW          19           15
```

```
## 4264      SW     26      SW       S      13       7
## 4265      SW     15      NW      WNW      2       2
## 4266     WSW     17       N       E       4       6
## 4267     WSW     20      SW       W      11       6
## 4268     SSW     20      SW      SW      11       9
## 4269      SE     35       S      SSE      7       9
## 4270      SW     24      SW      ESE     13      15
## 4271     NNE     20      NW      NE       4      11
## 4272     NNE     15     WNW      NE       4       6
## 4273     WNW     20      SE       S       4       7
## 4274       W     52       N       W       9      35
## 4275     WSW     24      NE      WSW      6      15
## 4276       W     46     NNW      WSW      4      19
## 4277       N     13      SW      NNE      4       7
## 4278     NNE     26    <NA>      NNE      0       9
## 4279     WNW     57     WNW      NW      19      19
## 4280     WSW     30      NE      SW       2      11
## 4281       W     28       N      SSW      4      17
## 4282      SW     31       N      WSW      2      11
## 4283     SSW     20      SW      SSW      7       6
## 4284     ESE     17      SW      ESE      9      11
## 4285       S     15     WSW     <NA>      9       0
## 4286      NE     13    <NA>       N       0       4
## 4287     WSW     22    <NA>      WNW      0       9
## 4288       W     41    <NA>      WSW      0      20
## 4289     WSW     43       N      WSW      7      26
## 4290      SW     31    <NA>      WSW      0      17
## 4291     SSW     39      SW       S      22      13
## 4292     SSW     39      SW      SSW     20      15
## 4293     SSW     30      SW      SSW     17      11
## 4294     SSW     19      SW      ESE     11       2
## 4295      NE     19      SW       N       4       7
## 4296       N     20    <NA>      NNE      0      13
## 4297      NE      9       N     <NA>      4       0
## 4298     WNW     31     NNE      NW       9      15
## 4299       N     20    <NA>      NNE      0       4
## 4300     NNE     28     NNW      NNE      6      19
## 4301     WNW     41      NW      WNW      4      20
## 4302     WSW     41    <NA>      WSW      0      24
## 4303       W     20       N      SE       7       6
## 4304       W     22    <NA>      ENE      0       2
## 4305     WSW     22      SW      SW       4       9
## 4306     SSE     37      SW      SSE     17       9
## 4307      SW     26     SSW      SSW     11      11
## 4308      SW     30     SSW      SSW     17      15
## 4309     SSE     37      SW      SSW     19      13
## 4310       S     31      SW      SSE     13       9
## 4311     WSW     17      SW       E       7       7
## 4312     NNE     22     NNE       N       4       9
## 4313      NW     41      NW      NNE      4      15
## 4314     WSW     35    <NA>       W       0      24
## 4315     WSW     37     ENE      WSW      2      17
## 4316     WSW     28       S      SSW      7      15
## 4317      SW     37      SW      SW      17      17
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## 4318          SW          37          SW          S          22          11
## 4319           S          37         WSW        SSW           9          13
## 4320         WSW          31          SW          S          15          13
## 4321         WSW          26          NW         NW           4          11
## 4322         WSW          31        <NA>        WSW           0          20
## 4323          NW          43           S        WNW           2          30
## 4324         WSW          50         WSW        WSW          13          24
## 4325         NNE          15         NNE          N          11           7
## 4326           N          20         NNE          W          11           4
## 4327         WSW          57           N        WSW           4          30
## 4328         SSW          72          SW          S          28          31
## 4329         SSW          52          SW          S          22          20
## 4330          SW          37         SSW          S          19          17
## 4331          SW          26         WSW          E           9           4
## 4332           W          19          SW          N           4          11
## 4333           W          31        <NA>          W           0          20
## 4334          SW          28           W          N           7          11
## 4335           W          70           N        WNW          17          31
## 4336           W          50          SW        WSW           6          26
## 4337          SW          30         WSW         NW          11           6
## 4338         NNW          17           N        SSW           6           2
## 4339         WNW          30           N         NE           4           9
## 4340         NNE          37        <NA>        NNE           0          19
## 4341         NNW          76         WNW         NW          17          31
## 4342          NW          56          NW        WNW          24          24
## 4343         WSW          30          SW          S           6           7
## 4344          SW          37          SW        SSW          19          13
## 4345        <NA>          NA           W         NE           2          15
## 4346        <NA>          NA         WNW          N           2           9
## 4347           N          33        <NA>        NNE           0          17
##      Humidity9am Humidity3pm Pressure9am Pressure3pm Cloud9am Cloud3pm Temp9am
## 1             71          22      1007.7      1007.1        8       NA    16.9
## 2             44          25      1010.6      1007.8       NA       NA    17.2
## 3             38          30      1007.6      1008.7       NA        2    21.0
## 4             45          16      1017.6      1012.8       NA       NA    18.1
## 5             82          33      1010.8      1006.0        7        8    17.8
## 6             55          23      1009.2      1005.4       NA       NA    20.6
## 7             49          19      1009.6      1008.2        1       NA    18.1
## 8             48          19      1013.4      1010.1       NA       NA    16.3
## 9             42           9      1008.9      1003.6       NA       NA    18.3
## 10            58          27      1007.0      1005.7       NA       NA    20.1
## 11            48          22      1011.8      1008.7       NA       NA    20.4
## 12            89          91      1010.5      1004.2        8        8    15.9
## 13            76          93       994.3       993.0        8        8    17.4
## 14            65          43      1001.2      1001.8       NA        7    15.8
## 15            57          32      1009.7      1008.7       NA       NA    15.9
## 16            50          28      1013.4      1010.3        0       NA    17.3
## 17            69          82      1012.2      1010.4        8        1    17.2
## 18            80          65      1005.8      1002.2        8        1    18.0
## 19            47          32      1009.4      1009.7       NA        2    15.5
## 20            45          26      1019.2      1017.1       NA       NA    15.8
## 21            56          28      1019.3      1014.8       NA       NA    19.1
## 22            38          28      1013.6      1008.1       NA        1    24.5
## 23            54          24      1007.8      1005.7       NA       NA    23.8
```

## 24	55	23	1011.0	1008.2	5	NA	20.9
## 25	49	17	1012.9	1010.1	NA	NA	21.5
## 26	45	19	1010.9	1007.6	NA	1	23.2
## 27	41	28	1006.8	1003.6	NA	1	26.6
## 28	56	15	1005.2	1001.7	NA	NA	24.6
## 29	49	22	1004.8	1004.2	NA	NA	21.6
## 30	78	70	1005.6	1003.4	8	8	12.5
## 31	48	28	1006.1	1005.1	1	NA	16.9
## 32	46	26	1004.5	1003.2	NA	NA	19.7
## 33	44	22	1014.4	1013.1	NA	NA	14.9
## 34	43	22	1018.7	1014.8	NA	NA	17.1
## 35	41	12	1015.1	1010.3	NA	NA	20.7
## 36	41	9	1012.6	1009.2	NA	NA	22.4
## 37	33	8	1010.9	1006.7	NA	NA	23.1
## 38	34	12	1007.0	1002.7	NA	NA	25.2
## 39	43	15	1011.9	1010.9	NA	NA	17.9
## 40	38	16	1017.8	1013.7	NA	NA	17.2
## 41	36	24	1013.4	1008.1	NA	NA	20.2
## 42	52	31	1009.9	1006.8	NA	NA	22.8
## 43	48	16	1014.1	1012.1	NA	NA	24.2
## 44	51	19	1015.7	1010.9	NA	NA	24.3
## 45	40	8	1011.6	1006.9	NA	NA	25.6
## 46	34	28	1008.4	1009.2	NA	NA	27.6
## 47	46	20	1014.1	1012.7	NA	NA	18.0
## 48	35	16	1019.7	1017.4	NA	NA	16.0
## 49	34	17	1019.7	1016.2	NA	NA	20.9
## 50	39	10	1015.8	1010.6	NA	NA	22.0
## 51	36	21	1010.1	1004.8	NA	NA	26.8
## 52	48	17	1009.6	1005.9	NA	NA	27.3
## 53	60	39	1005.3	997.8	4	1	26.1
## 54	43	28	1007.9	1003.9	NA	NA	22.8
## 55	41	21	1005.4	1007.6	NA	NA	23.3
## 56	44	10	1016.5	1014.6	NA	NA	21.2
## 57	48	12	1017.7	1014.6	NA	NA	23.4
## 58	48	25	1017.8	1014.1	NA	NA	25.8
## 59	45	15	1014.9	1011.6	NA	NA	28.2
## 60	38	13	1015.7	1011.8	NA	NA	29.0
## 61	37	11	1014.6	1010.2	NA	NA	29.2
## 62	33	11	1014.2	1010.5	NA	NA	29.9
## 63	27	9	1012.5	1008.7	NA	NA	32.4
## 64	32	21	1011.7	1007.4	NA	NA	28.8
## 65	51	21	1009.2	1005.7	NA	NA	27.2
## 66	53	26	1008.8	1004.7	NA	NA	25.5
## 67	48	15	1005.9	1002.6	NA	NA	26.5
## 68	39	8	1008.0	1005.0	NA	NA	28.7
## 69	36	11	1008.2	1003.8	NA	NA	29.6
## 70	20	19	1007.0	1006.5	NA	5	34.5
## 71	66	31	1009.3	1007.8	7	8	18.7
## 72	50	30	1011.6	1008.5	NA	1	17.4
## 73	45	24	1012.8	1011.1	NA	NA	16.7
## 74	58	69	1017.0	1017.3	2	8	17.0
## 75	41	21	1023.3	1019.7	NA	NA	18.0
## 76	37	18	1022.5	1016.4	NA	NA	18.3
## 77	50	23	1016.2	1012.8	NA	NA	19.2

```
## 78          43      22      1017.7    1013.8    NA      NA      21.4
## 79          46      17      1017.2    1013.5    NA      NA      18.0
## 80          44      22      1012.4    1007.5    NA      NA      22.1
## 81          53      16      1007.8    1004.5    NA      NA      21.0
## 82          45      39      1010.1    1010.8    NA      NA      21.5
## 83          63      19      1012.5    1010.4    NA      NA      19.3
## 84          49      23      1015.6    1012.4    NA      NA      20.9
## 85          48      10      1013.0    1009.2    NA      NA      20.7
## 86          54      14      1014.0    1012.7    6       7       18.7
## 87          49      16      1016.6    1013.4    7       7       15.0
## 88          43      19      1017.8    1015.0    NA      NA      20.7
## 89          53      25      1016.2    1012.6    NA      NA      20.0
## 90          44      14      1007.5    1004.6    NA      NA      22.2
## 91          53      27      1010.5    1008.7    NA      NA      17.3
## 92          53      25      1014.1    1011.6    NA      NA      18.0
## 93          58      35      1014.7    1009.0    5       NA      23.0
## 94          57      26      1014.5    1013.1    NA      NA      15.6
## 95          60      33      1013.7    1011.8    NA      NA      13.9
## 96          52      23      1014.5    1012.0    NA      NA      12.6
## 97          58      22      1015.2    1012.4    NA      NA      13.3
## 98          54      20      1017.0    1014.7    NA      NA      17.6
## 99          49      28      1019.7    1015.9    NA      NA      18.6
## 100         51      25      1019.5    1016.2    NA      NA      20.1
## 101         57      23      1021.3    1018.0    NA      NA      21.5
## 102         52      90      1019.5    1018.9    NA      8       22.2
## 103         82      68      1017.4    1014.7    8       NA      19.0
## 104         82      74      1012.7    1008.0    NA      4       19.9
## 105         62      41      1013.4    1012.0    NA      8       12.7
## 106         78      34      1013.3    1011.6    NA      6       12.2
## 107         78      34      1015.6    1013.2    NA      NA      12.1
## 108         76      19      1017.4    1013.9    NA      NA      14.7
## 109         56      15      1016.3    1013.6    NA      NA      14.7
## 110         50      13      1016.5    1013.6    NA      NA      17.4
## 111         47      17      1017.0    1013.1    NA      2       18.8
## 112         56      30      1014.8    1012.7    3       1       18.1
## 113         63      25      1013.7    1011.8    NA      NA      18.8
## 114         62      20      1016.5    1014.4    NA      NA      15.4
## 115         69      78      1017.4    1019.2    8       8       18.3
## 116         87      26      1019.1    1017.2    NA      6       16.2
## 117         63      30      1023.0    1020.7    NA      NA      16.5
## 118         60      26      1023.8    1020.6    NA      NA      14.0
## 119         60      18      1022.4    1019.1    NA      NA      16.0
## 120         57      16      1023.0    1019.5    NA      NA      17.2
## 121         61      25      1023.2    1019.5    NA      NA      17.1
## 122         59      22      1022.6    1019.4    NA      NA      16.6
## 123         59      30      1022.6    1018.4    NA      NA      18.4
## 124         92      49      1018.8    1012.9    8       6       19.0
## 125         60      33      1019.8    1019.3    NA      NA      13.9
## 126         72      37      1020.4    1016.5    NA      NA      12.9
## 127         58      20      1021.8    1019.6    NA      NA      13.8
## 128         55      27      1026.7    1023.5    NA      NA      13.3
## 129         60      30      1027.1    1023.4    NA      NA      13.8
## 130         67      27      1024.2    1019.6    NA      NA      15.1
## 131         59      42      1021.5    1017.7    8       7       16.4
```

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## 132        75        47        1024.4        1020.3        8         6        18.0
## 133        88        52        1024.1        1020.8        8        NA        15.4
## 134        65        35        1023.0        1018.7       NA        NA        16.1
## 135        68        39        1016.3        1011.6        6        NA        16.2
## 136        44        27        1008.2        1009.8        2        NA        20.5
## 137        65        30        1016.3        1012.8       NA        NA         9.6
## 138        59        39        1018.5        1016.8        5         1        12.6
## 139        73        37        1022.8        1019.3       NA        NA        12.4
## 140        54        33        1022.7        1019.6       NA        NA        18.0
## 141        58        29        1023.6        1020.0       NA        NA        14.1
## 142        68        39        1025.2        1020.9       NA        NA        12.2
## 143        73        33        1026.0        1021.6       NA        NA        11.2
## 144        68        34        1021.3        1015.7       NA        NA        12.9
## 145        74        86        1008.9        1002.4        8         8        14.9
## 146        83        89        1004.8        1000.9        8         8        13.3
## 147        77        62        1004.0        1003.3        8         8         9.5
## 148        82        79        1013.8        1013.5        8         8         7.6
## 149        83        48        1018.0        1018.3        8         1        10.1
## 150        62        46        1023.1        1020.9       NA         8         8.2
## 151        70        38        1023.4        1021.5       NA        NA         7.9
## 152        77        44        1026.0        1023.2       NA        NA         7.2
## 153        81        49        1026.9        1024.0        8         4        10.1
## 154        75        51        1028.7        1025.9       NA        NA        10.6
## 155        86        44        1029.8        1027.3       NA        NA         9.6
## 156        71        47        1031.4        1028.1       NA        NA        10.3
## 157        82        49        1028.5        1024.6       NA        NA        10.0
## 158        86        49        1026.2        1023.6       NA        NA         8.3
## 159        68        36        1028.8        1025.8       NA        NA        11.0
## 160        78        45        1026.0        1021.8       NA        NA         9.4
## 161        69        40        1025.1        1022.3       NA        NA        11.7
## 162        89        53        1025.6        1022.2        8        NA         8.5
## 163        81        49        1022.3        1018.5       NA        NA         9.1
## 164        86        61        1018.4        1015.7       NA         8         7.5
## 165        77        59        1015.3        1013.1        8         8        10.3
## 166        82        63        1015.0        1011.0        8         7        12.9
## 167        82        54        1011.8        1013.4        8         8        13.0
## 168        83        61        1022.5        1019.3        4        NA         7.0
## 169        82        34        1024.7        1021.2       NA        NA         8.8
## 170        87        51        1023.6        1019.9       NA        NA         7.4
## 171        75        57        1022.8        1020.5        7         7        12.4
## 172        81        48        1025.2        1022.3       NA        NA         9.4
## 173        75        43        1025.2        1021.4       NA        NA        10.1
## 174        71        37        1022.2        1019.4       NA        NA        11.9
## 175        69        43        1025.0        1022.1       NA        NA        12.5
## 176        77        50        1024.6        1019.7        2         8        11.6
## 177        97        74        1021.4        1019.2        8         3        13.6
## 178        99        58        1021.7        1019.3        8        NA        10.1
## 179        91        48        1023.4        1021.6       NA        NA         7.1
## 180        67        44        1025.6        1024.0       NA        NA        10.2
## 181        65        44        1030.3        1028.5       NA        NA         9.6
## 182        73        46        1034.1        1029.9       NA        NA         8.0
## 183        88        75        1031.9        1029.2        8         8         9.2
## 184        78        75        1029.3        1026.2        8         8        10.6
## 185        85        97        1023.5        1020.4        8         8        12.4
```

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## 186           99           58      1021.0      1017.5        8        7     11.3
## 187           86           57      1017.9      1015.1       NA       NA      7.6
## 188           99           91      1015.2      1011.1        8        8      4.7
## 189           93           80      1007.5      1006.3        8        8     10.0
## 190           88           79      1009.6      1008.7        8        8     10.3
## 191           92           95      1011.1      1008.3        8        8      6.8
## 192           77           56      1017.6      1018.4       NA        4      4.9
## 193           84           72      1025.1      1023.0       NA        1      2.2
## 194           99           72      1025.7      1022.2        8        7      1.9
## 195           86           60      1018.3      1013.0       NA        4      5.9
## 196           82           49      1011.8      1009.3       NA       NA      6.5
## 197           99           63      1013.9      1012.8       NA       NA      5.4
## 198           83           49      1022.3      1022.2       NA       NA      6.6
## 199           94           52      1029.7      1027.7       NA       NA      5.6
## 200           99           63      1031.6      1028.6        8       NA      4.7
## 201           93           56      1030.8      1027.1       NA       NA      5.4
## 202           85           56      1025.7      1020.6        7        8      7.0
## 203           99           71      1021.9      1018.6        1        1      8.3
## 204           99           78      1020.7      1018.6        1        8      9.1
## 205           99           70      1020.2      1016.4        8        6      8.3
## 206           81           65      1014.9      1012.7        8        5      9.6
## 207           99           75      1015.5      1012.7        7        8      6.9
## 208           99           73      1011.6      1008.1        7       NA      8.4
## 209           79           81      1007.8      1005.5        8        8     10.3
## 210           98           76      1007.5      1006.6        7        8      9.8
## 211           91           69      1011.4      1009.4        8        8     10.1
## 212           78           73      1007.6      1001.0        8        8     13.5
## 213           85           68      1006.5      1005.2        8        5      9.5
## 214           88           74      1009.4      1006.8        8        4      8.8
## 215           82           62      1008.6      1009.6        8        1      7.8
## 216           91           76      1016.3      1014.9        8        8      7.9
## 217           80           56      1019.9      1019.0       NA       NA      7.0
## 218           99           65      1022.4      1020.4        8       NA      2.3
## 219           91           46      1026.0      1024.6       NA       NA      2.4
## 220           84           54      1030.4      1028.1       NA       NA      3.3
## 221           84           54      1032.0      1028.6       NA       NA      3.8
## 222           93           62      1028.7      1023.8       NA       NA      4.8
## 223           96           63      1020.5      1015.6        7        1      8.1
## 224           77           53      1010.4      1007.7        2        6     11.6
## 225           82           73      1007.6      1005.5        8        8      9.0
## 226           94           75      1006.6      1005.8        8        8      7.5
## 227           99           57      1010.5      1009.9        8       NA      5.9
## 228           95           57      1015.6      1014.5       NA       NA      3.8
## 229           88           52      1022.4      1020.6       NA       NA      4.5
## 230           98           64      1023.0      1019.5        7        5      3.2
## 231           94           65      1021.6      1019.8        8        8      7.8
## 232           95           53      1023.1      1018.4        8       NA      7.1
## 233           87           46      1019.7      1013.4       NA       NA      6.6
## 234           74           81      1009.5      1006.2        7        8     11.3
## 235           83           58      1015.1      1018.4        7        7      8.5
## 236           87           58      1027.3      1025.4       NA        2      3.7
## 237           95           61      1026.8      1022.7       NA       NA      2.5
## 238           85           74      1018.0      1013.7        5       NA      4.4
## 239           99           91      1019.9      1019.9        8        8      4.2
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## 240          89          71          1024.0          1023.1          8          8          8.8
## 241          98          81          1026.0          1025.4          8          8          9.3
## 242          99          76          1025.8          1022.7          7          7          6.5
## 243          81          61          1021.3          1021.5          5          8         11.6
## 244          99          70          1026.8          1025.3          7          3          8.9
## 245          94          65          1027.9          1024.8          1          6         10.5
## 246          79          49          1023.1          1022.9         NA         NA          9.9
## 247          91          53          1021.7          1018.9          1         NA          5.7
## 248          98          76          1022.2          1020.2          8          8          8.9
## 249          99          58          1021.9          1016.7          7         NA          8.0
## 250          79          47          1012.8          1015.6          8          8          9.8
## 251          78          50          1026.4          1023.0         NA         NA          4.4
## 252          91          48          1021.6          1018.5         NA         NA          2.0
## 253          72          60          1018.6          1014.7         NA         NA          5.9
## 254          62          59          1009.0          1008.6          1          1         14.8
## 255          99          74          1011.5          1010.0          8          8          9.1
## 256          94          87          1015.7          1015.3          8          7          9.4
## 257          99          61          1021.1          1019.1          8         NA          9.0
## 258          99          57          1021.2          1016.8          8         NA          6.7
## 259          79          70          1012.2          1006.4          8          8         11.0
## 260          73          57          1018.2          1019.7          1         NA          9.8
## 261          85          58          1029.8          1027.2         NA          2          6.0
## 262          99          61          1027.7          1022.5          8          1          5.5
## 263          78          51          1019.7          1014.3         NA         NA         11.1
## 264          72          85          1004.0          1001.7          3          8         13.3
## 265          90          57          1012.0          1009.6         NA         NA          5.8
## 266          94          67          1011.5          1007.1          3          3         10.8
## 267          68          52          1004.1          1001.0         NA         NA         13.2
## 268          75          53          1009.6          1008.2          3         NA          7.7
## 269          83          56          1016.1          1014.4         NA          8          6.9
## 270          72          49          1018.5          1014.6         NA         NA          8.9
## 271          87          51          1016.9          1013.3         NA         NA          7.2
## 272          81          80          1002.6           996.9          1          8         13.0
## 273          77          57          1014.2          1015.2          8          8          6.7
## 274          90          72          1018.9          1016.8          7          5          9.7
## 275          96          58          1023.2          1021.7          8          1          9.7
## 276          82          45          1024.9          1020.2         NA         NA          7.0
## 277          80          54          1016.6          1010.8         NA         NA         10.2
## 278          85          58          1014.4          1012.3          1         NA         12.5
## 279          81          54          1019.5          1017.9         NA          6          8.6
## 280          79          47          1018.4          1011.4         NA         NA          8.3
## 281          73          53          1005.0          1002.7         NA         NA         13.9
## 282          90          59          1009.9          1009.0          5          4          9.4
## 283          82          67          1012.8          1011.3          8          8          9.5
## 284          71          55          1017.8          1017.6         NA          6          9.7
## 285          83          46          1022.2          1018.2         NA         NA          8.7
## 286          70          39          1020.0          1015.4         NA         NA         13.2
## 287          44          25          1017.0          1012.2         NA         NA         17.3
## 288          60          29          1022.6          1019.9         NA         NA         10.9
## 289          68          44          1022.5          1019.1         NA         NA          8.1
## 290          74          39          1022.2          1016.8         NA         NA         11.2
## 291          76          73          1013.8          1011.9         NA          7         12.9
## 292          75          54          1021.2          1018.6         NA         NA         12.9
## 293          98          46          1018.8          1015.0          8          8         10.2
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## 294          79          50     1014.6      1013.7       8          NA     14.3
## 295          73          50     1014.5      1008.2      NA          NA     11.5
## 296          77          55     1002.6       999.2       8           1     15.5
## 297          82          54      997.8      1003.8       5           8     13.1
## 298          72          55     1015.1      1011.8      NA           4     12.6
## 299          60          57     1009.3      1002.9       2           7     15.2
## 300          79          72     1005.2      1003.9       7           6      7.9
## 301          78          72     1009.8      1008.4       5           8      6.7
## 302          79          56     1012.3      1009.9      NA           1      9.2
## 303          73          49     1015.6      1013.4      NA          NA      9.4
## 304          75          36     1018.0      1013.4      NA          NA     11.3
## 305          76          61     1012.4      1008.8      NA          NA     12.9
## 306          68          55     1009.6      1004.9      NA          NA     16.1
## 307          87          75     1014.0      1015.1       7           7      9.6
## 308          85          75     1020.6      1019.4      NA           1     12.6
## 309          85          47     1020.7      1018.6       4          NA     12.5
## 310          85          77     1020.2      1018.3       2           2      8.8
## 311          90          42     1018.7      1018.5      NA          NA      7.1
## 312          65          43     1024.0      1023.2      NA          NA      7.8
## 313          63          39     1027.7      1025.7      NA          NA     11.8
## 314          55          36     1029.5      1025.7      NA          NA     11.2
## 315          68          50     1022.6      1016.9      NA          NA     11.3
## 316          88          64     1007.9       999.4      NA           1     11.0
## 317          70          71     1001.9       997.6       7           6     10.8
## 318          88          60     1000.5      1002.7       8           1     10.3
## 319          79          84     1008.5      1007.8       8           8     11.1
## 320          77          56     1016.0      1016.2      NA           4      8.8
## 321          83          46     1022.7      1021.6      NA           1     10.9
## 322          72          50     1026.9      1024.7      NA           8     12.1
## 323          78          38     1026.6      1023.7      NA          NA     12.2
## 324          71          31     1022.9      1018.4      NA          NA     13.4
## 325          73          44     1018.9      1017.4      NA          NA     15.4
## 326          67          38     1020.8      1018.4      NA          NA     15.6
## 327          70          26     1019.6      1017.6      NA          NA     14.8
## 328          68          28     1019.5      1016.2      NA          NA     14.7
## 329          68          34     1014.7      1013.0      NA          NA     14.4
## 330          52          38     1023.8      1022.0      NA          NA     14.7
## 331          64          43     1027.5      1023.1      NA          NA     12.9
## 332          67          41     1025.4      1020.9      NA          NA     17.9
## 333          65          50     1023.4      1020.6      NA          NA     19.1
## 334          75          46     1022.8      1019.5      NA          NA     19.1
## 335          65          38     1022.3      1019.0      NA          NA     21.4
## 336          66          35     1021.6      1017.3      NA          NA     23.1
## 337          66          47     1018.8      1014.6      NA          NA     23.9
## 338          46          39     1009.8      1011.9      NA          NA     24.2
## 339          59          27     1017.1      1015.8      NA          NA     15.0
## 340          67          28     1020.5      1017.3      NA          NA     14.0
## 341          55          32     1025.0      1021.8      NA          NA     17.5
## 342          57          27     1028.5      1025.3      NA          NA     19.2
## 343          55          29     1029.1      1024.8      NA          NA     21.0
## 344          48          29     1025.4      1020.6      NA          NA     22.1
## 345          49          23     1021.0      1017.2      NA          NA     23.3
## 346          43          18     1021.4      1017.8      NA          NA     24.5
## 347          49          18     1018.9      1014.8      NA          NA     24.7
```

```
## 348          42          22          1017.2      1013.9      NA          NA          23.2
## 349          55          25          1015.6      1011.2      NA          NA          21.7
## 350          57          16          1009.8      1006.5      NA          NA          23.9
## 351          46          20          1007.0      1002.6      NA          NA          24.1
## 352          38          18          1008.0      1005.9      NA          NA          19.5
## 353          53          18          1010.0      1007.1      NA          NA          21.0
## 354          29          11          1006.8      1004.6      NA          NA          27.8
## 355          45          21          1007.6      1002.3      NA           1          24.7
## 356          95          91          1010.8      1009.0       8           8          19.7
## 357          98          67          1003.7      1003.5       8           8          19.2
## 358          63          37          1020.7      1020.6      NA          NA          14.4
## 359          60          40          1024.6      1021.6      NA           1          18.1
## 360          60          36          1020.8      1016.0      NA          NA          22.0
## 361          48          70          1012.2      1008.4       1           4          28.2
## 362          82          56          1010.7      1008.6       7           5          17.6
## 363          48          27          1006.5      1002.7       2           1          18.8
## 364          94          54          1000.5      1000.9       8           4          13.5
## 365          82          35          1010.3      1009.3       3           1          15.9
## 366          43          31          1018.4      1016.9      NA          NA          16.6
## 367          48          29          1022.0      1018.9      NA          NA          16.8
## 368          57          16          1019.2      1014.3      NA          NA          20.3
## 369          42           7          1015.9      1014.4      NA          NA          19.5
## 370          44          22          1015.1      1012.9      NA          NA          17.6
## 371          58          23          1015.9      1012.4      NA          NA          18.9
## 372          47          19          1012.3      1009.0      NA          NA          21.2
## 373          58          45          1006.9      1006.0       7           5          21.0
## 374          64          24          1011.6      1009.2      NA          NA          15.7
## 375          52          26          1008.9      1004.7       7           7          19.7
## 376          62          30          1016.9      1016.3       6           3          12.8
## 377          52          31          1019.2      1016.1      NA           4          17.0
## 378          52          27          1017.6      1015.0      NA          NA          19.5
## 379          48          25          1018.7      1015.8      NA          NA          21.8
## 380          51          22          1019.4      1015.4      NA          NA          22.1
## 381          45           8          1017.0      1012.3      NA          NA          23.8
## 382          40          28          1008.9      1005.7      NA           2          24.2
## 383          60          19          1015.0      1014.1      NA          NA          16.0
## 384          45          23          1016.2      1014.2      NA          NA          19.1
## 385          52          21          1018.1      1013.7      NA          NA          20.8
## 386          48          10          1013.5      1009.6      NA          NA          21.0
## 387          44          10          1010.9      1007.3      NA          NA          23.1
## 388          41          12          1012.4      1008.8      NA          NA          27.2
## 389          21          29          1006.5      1006.3      NA          NA          32.1
## 390          84          49          1009.8      1008.0       5           1          20.9
## 391          56          34          1014.7      1011.9       1          NA          20.0
## 392          61          74          1016.3      1013.9       1          NA          22.1
## 393          58          23          1015.2      1012.6      NA          NA          24.4
## 394          46          24          1020.0      1017.0      NA          NA          25.6
## 395          41          15          1022.0      1016.7      NA          NA          26.0
## 396          41          35          1016.8      1012.0      NA           1          28.1
## 397          70          40          1012.2      1008.5      NA           1          23.4
## 398          88          48          1007.8      1006.2       5          NA          20.6
## 399          57          32          1014.4      1012.5      NA          NA          18.0
## 400          55          24          1017.5      1013.6      NA          NA          21.3
## 401          46          13          1014.9      1011.5      NA          NA          23.3
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## 402      49       7    1014.1    1011.5    NA    NA    24.3
## 403      45      17    1014.9    1012.7    NA     1    22.8
## 404      50      19    1018.0    1014.6    NA    NA    24.6
## 405      48      19    1017.2    1013.1    NA     1    26.4
## 406      38       8    1015.4    1011.2    NA    NA    27.8
## 407      39      15    1013.8    1009.1    NA    NA    29.1
## 408      48      12    1007.7    1003.6     3    NA    29.4
## 409      56      79    1009.8    1012.0    NA     8    25.1
## 410      55      28    1016.1    1013.2     8    NA    20.9
## 411      51      20    1015.6    1011.4    NA    NA    24.2
## 412      50      11    1009.6    1004.1    NA    NA    27.7
## 413      51      24    1006.9    1005.5     4     1    18.0
## 414      44      30    1007.7    1007.0     2     8    14.4
## 415      47      27    1011.5    1009.7    NA    NA    15.0
## 416      52      15    1011.8    1008.8    NA    NA    18.5
## 417      39      18    1010.7    1008.1    NA    NA    22.4
## 418      40       9    1008.8    1003.7    NA    NA    26.0
## 419      43       9    1006.7    1006.5    NA    NA    25.0
## 420      50      22    1013.2    1009.7    NA    NA    21.5
## 421      47       8    1011.4    1008.1    NA    NA    22.8
## 422      35      10    1010.0    1008.5    NA    NA    22.9
## 423      45      14    1011.4    1007.9    NA    NA    24.2
## 424      51       8    1008.5    1005.2    NA    NA    23.1
## 425      46      14    1009.0    1007.7    NA    NA    23.1
## 426      48      22    1015.3    1012.0    NA    NA    23.5
## 427      39      16    1014.2    1009.7    NA    NA    26.6
## 428      46      19    1014.0    1009.9    NA    NA    25.2
## 429      61      24    1016.1    1011.7    NA    NA    22.9
## 430      36      23    1014.0    1008.5    NA     3    24.3
## 431      51      44    1010.8    1006.2     4    NA    26.3
## 432      83      70    1009.9    1009.4     4     8    22.1
## 433      55      38    1016.4    1015.7    NA    NA    22.6
## 434      53      32    1020.8    1017.5    NA    NA    23.2
## 435      66      32    1020.8    1017.8     7     7    25.9
## 436      58      37    1020.9    1017.8    NA     1    26.9
## 437      64      28    1018.8    1014.7    NA     4    25.2
## 438      76      35    1015.8    1010.3    NA     8    24.2
## 439      81      67    1008.5    1007.8    NA     7    23.4
## 440      82      59    1009.9    1007.9     8     1    21.2
## 441      80      43    1006.8    1003.9     8     8    21.7
## 442      76      44    1008.6    1008.8     8    NA    19.7
## 443      48      34    1014.7    1013.3    NA    NA    20.6
## 444      66      30    1015.9    1013.8    NA    NA    19.4
## 445      33      24    1020.4    1019.1    NA    NA    21.0
## 446      54      34    1023.6    1019.6    NA    NA    20.8
## 447      70      35    1018.9    1014.3     1     2    19.6
## 448      71      59    1015.3    1011.2     3     8    23.8
## 449      83      70    1014.6    1011.9     8     8    21.3
## 450      56      34    1017.3    1016.7    NA    NA    15.2
## 451      57      35    1020.3    1018.4    NA    NA    17.9
## 452      61      33    1023.9    1021.3    NA    NA    19.5
## 453      54      28    1024.6    1020.7    NA    NA    20.6
## 454      70      62    1019.4    1018.3     2     2    20.8
## 455      84      45    1016.7    1013.6     8    NA    19.9
```

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## 456        50        35        1018.5        1016.2        6        NA        17.1
## 457        58        23        1019.3        1015.4        NA       NA        16.6
## 458        61        26        1018.6        1014.2        NA       NA        17.8
## 459        70        35        1014.2        1009.8        NA       NA        20.1
## 460        74        93        1008.8        1006.6        8        8         20.9
## 461        87        48        1010.0        1009.0        8        1         22.3
## 462        89        82        1013.3        1008.8        8        7         19.0
## 463        79        38        1008.7        1007.5        NA       1         19.8
## 464        90        67        1014.4        1015.9        8        8         16.3
## 465        69        35        1023.7        1023.0        NA       1         12.5
## 466        56        40        1031.4        1030.2        NA       NA        15.2
## 467        72        40        1036.3        1033.6        NA       NA        14.2
## 468        80        44        1035.2        1031.4        NA       NA        15.0
## 469        75        37        1030.0        1026.0        NA       NA        15.6
## 470        72        38        1025.5        1022.3        NA       1         16.2
## 471        73        28        1023.8        1021.0        NA       NA        16.1
## 472        76        35        1025.6        1023.3        NA       NA        17.6
## 473        73        36        1025.4        1022.2        NA       NA        18.9
## 474        79        31        1020.4        1017.3        NA       1         17.7
## 475        77        36        1020.2        1017.9        8        NA        19.4
## 476        78        46        1018.7        1017.7        2        NA        20.2
## 477        69        36        1020.8        1018.8        NA       NA        13.0
## 478        79        23        1021.2        1018.6        NA       NA        12.1
## 479        81        31        1022.0        1019.5        NA       NA        13.3
## 480        75        32        1021.8        1018.0        NA       NA        15.4
## 481        80        32        1019.2        1016.4        NA       NA        15.8
## 482        73        32        1019.8        1017.0        NA       NA        18.3
## 483        79        41        1016.4        1011.8        NA       NA        19.4
## 484        94        61        1015.8        1014.9        7        5         18.2
## 485        91        44        1019.6        1017.6        NA       NA        17.5
## 486        71        42        1021.2        1018.1        NA       1         16.5
## 487        82        44        1020.0        1017.4        NA       2         14.6
## 488        78        42        1019.8        1017.4        NA       NA        15.3
## 489        71        41        1020.7        1018.4        NA       5         15.5
## 490        58        37        1022.1        1018.2        7        NA        18.3
## 491        76        38        1020.7        1016.3        1        NA        15.5
## 492        75        40        1017.9        1013.3        NA       NA        15.7
## 493        87        69        1012.8        1010.5        8        3         19.2
## 494        84        53        1016.7        1015.3        1        1         17.5
## 495        73        55        1016.1        1011.3        NA       2         15.7
## 496        84        79        1011.6        1009.0        8        8         16.7
## 497        86        43        1010.1        1010.2        8        2         15.9
## 498        71        54        1018.1        1017.3        NA       8         11.0
## 499        82        49        1023.8        1021.1        NA       NA        10.1
## 500        81        49        1023.6        1020.1        NA       NA        12.5
## 501        79        40        1022.6        1020.7        NA       NA        13.3
## 502        79        45        1026.5        1023.0        NA       NA        13.6
## 503        74        38        1027.8        1024.4        NA       NA        15.8
## 504        67        47        1027.1        1023.2        4        NA        16.8
## 505        81        46        1025.7        1021.9        2        3         14.6
## 506        79        49        1024.6        1020.1        1        1         16.4
## 507        74        44        1022.8        1019.5        NA       NA        18.5
## 508        74        40        1023.6        1019.4        NA       NA        17.8
## 509        89        34        1020.5        1014.0        1        NA        15.4
```

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## 510      95      86      1013.4      1008.7      8      8      17.1
## 511      72      40      1016.2      1017.6     NA     NA      14.4
## 512      78      49      1026.5      1023.0     NA     NA      10.4
## 513      84      58      1020.9      1018.0      6      7       9.7
## 514      84      50      1022.0      1019.6      1      1      12.4
## 515      79      69      1021.9      1020.4      5      8      14.3
## 516      99      53      1026.8      1024.4      8     NA       9.4
## 517      84      46      1027.9      1024.1     NA     NA      11.7
## 518      97      47      1026.7      1024.3      6     NA      10.0
## 519      83      39      1027.1      1021.9     NA     NA      12.7
## 520      92      29      1017.8      1011.2      8      4      11.9
## 521      84      51      1016.1      1015.5      8     NA       9.3
## 522      78      68      1022.3      1021.6      8      8      10.8
## 523      89      56      1024.7      1021.7      8      6      10.2
## 524      84      59      1023.7      1021.1      6      1      13.0
## 525      99      54      1023.4      1019.6      8      1       9.2
## 526      99      47      1020.8      1015.2      7     NA       8.1
## 527      77      47      1012.5      1014.8     NA     NA      10.7
## 528      81      48      1022.8      1021.5     NA     NA       6.0
## 529      79      55      1024.1      1019.9     NA     NA       6.4
## 530      99      46      1021.2      1017.1      8     NA       5.7
## 531      83      44      1019.9      1017.3     NA     NA       8.1
## 532      84      51      1021.6      1018.9     NA     NA       8.2
## 533      92      50      1021.1      1017.9     NA     NA       9.2
## 534      90      38      1020.9      1018.7     NA     NA       7.4
## 535      86      39      1024.1      1021.3     NA     NA       6.6
## 536      88      44      1023.8      1020.4     NA     NA       6.8
## 537      92      42      1022.3      1019.3      1     NA       7.6
## 538      76      45      1023.3      1020.5     NA      3       6.3
## 539      76      35      1023.5      1019.2     NA     NA       6.6
## 540      74      73      1017.6      1013.3     NA      2      10.3
## 541      88      99      1008.7      1005.0      7      7      13.5
## 542      71      50      1008.9      1010.1      3     NA      14.9
## 543      92      59      1019.6      1018.0      8      8       9.7
## 544      96      63      1019.4      1014.3      8      6       9.4
## 545      99      89      1005.7      1002.8      8      8      12.1
## 546      99      47      1004.7      1004.8      8      1      10.8
## 547      54      48      1015.2      1014.8     NA     NA      15.0
## 548      89      58      1020.7      1018.5     NA     NA       8.3
## 549      93      60      1022.3      1020.6     NA     NA       8.6
## 550      79      50      1026.5      1023.5     NA     NA       8.9
## 551      82      53      1023.6      1019.4     NA     NA       8.7
## 552      99      84      1018.7      1015.8      8     NA       5.1
## 553      97      61      1020.6      1020.4      8     NA       6.2
## 554      80      50      1026.7      1024.3     NA      2       4.2
## 555      89      49      1023.7      1019.5      7      7       5.3
## 556      81      92      1012.9      1011.1      7      8       7.8
## 557      85      57      1021.2      1021.1     NA      6       7.2
## 558      82      66      1023.0      1019.7      7      7       9.2
## 559      95      51      1025.4      1024.3      5     NA       3.3
## 560      83      47      1031.8      1030.7     NA     NA       4.1
## 561      85      50      1035.2      1032.0     NA      6       2.2
## 562      92      65      1032.3      1028.3      6      1       3.4
## 563      91      73      1027.4      1022.1      1      7       7.4
```

```
## 564         82         65      1010.0      1010.4        8      NA     13.0
## 565         88         70      1019.6      1018.0        7       2      6.9
## 566         95         66      1019.4      1019.6        8      NA     10.3
## 567         98         86      1027.2      1026.7        8       8      7.7
## 568         99         83      1034.5      1033.8        8      NA      7.4
## 569         94         61      1037.3      1035.2       NA      NA      6.1
## 570         89         52      1036.9      1032.9       NA       8      7.2
## 571         85         56      1030.1      1024.7        3       1      8.3
## 572         83         95      1021.9      1018.6        8       8     12.1
## 573         86         71      1020.5      1020.5        7       8      7.6
## 574         99         54      1024.3      1021.8        1       2      2.8
## 575         99         70      1022.7      1020.3        8       7      2.3
## 576         71         57      1021.2      1019.4        8       8      6.5
## 577         81         78      1020.7      1019.6        8       8      6.3
## 578         99         67      1025.2      1024.3        7       7      5.5
## 579         99         70      1027.6      1024.0        8       4      3.2
## 580         99         76      1030.5      1029.8        8      NA      3.7
## 581         99         77      1032.5      1029.0        8      NA      3.1
## 582         99         70      1027.5      1022.8        8       3      2.4
## 583         94         56      1020.9      1019.2       NA      NA      6.7
## 584         99         64      1026.9      1025.1        7      NA      3.0
## 585         99         50      1029.5      1026.6        5      NA      4.1
## 586         90         57      1030.9      1027.1       NA      NA      4.8
## 587         96         61      1024.1      1019.5       NA       8      5.0
## 588         99         62      1020.6      1019.6        8       1     11.8
## 589         99         62      1024.3      1021.0        8      NA      5.9
## 590         98         93      1016.8      1008.9        8       8      6.2
## 591         82         91      1009.2      1008.7        8       8      8.5
## 592         85         63      1020.2      1022.0       NA       6      6.9
## 593         99         56      1028.7      1026.3        8       2      2.9
## 594         99         69      1029.2      1025.9        8       4      2.8
## 595         96         59      1023.1      1018.7       NA       1      5.2
## 596         99         61      1018.8      1017.8        8       8      7.7
## 597         99         62      1025.4      1024.0        8       1      3.1
## 598         99         58      1029.3      1027.1        8      NA      2.9
## 599         89         51      1032.7      1030.7        7       1      4.0
## 600         99         61      1035.5      1032.0        8      NA      4.1
## 601         99         60      1032.1      1028.9        8      NA      4.5
## 602         99         58      1031.7      1029.1        8      NA      4.5
## 603         99         52      1035.9      1034.1        2      NA      3.7
## 604         85         52      1036.1      1031.5       NA      NA      4.0
## 605         80         67      1027.8      1022.3       NA       8      5.8
## 606         99         80      1018.5      1014.9        8       8     10.3
## 607         91         86      1015.5      1013.5        8       8     11.1
## 608        100         85      1013.7      1015.6        8       8     11.1
## 609         86         93      1016.3      1014.6        8       8      9.3
## 610         85         56      1019.5      1018.7        4       8      7.8
## 611         86         51      1023.2      1020.1       NA      NA      6.4
## 612         94         71      1019.8      1017.0        8       8      5.5
## 613         97         65      1019.5      1018.3        7       4      6.7
## 614         99         59      1024.5      1022.8        8       1      3.2
## 615         83         54      1026.9      1023.3       NA       8      4.6
## 616         86         58      1022.2      1018.8       NA       8      4.3
## 617         79         47      1022.4      1019.0       NA      NA      6.0
```

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## 618          86          77          1013.9          1008.7          8          8          9.7
## 619          96          85          1006.2          1000.1          8          8          7.7
## 620          91          45          1005.7          1008.0          8          NA          9.2
## 621          99          56          1016.7          1013.5          8          1          6.5
## 622          85          67          1014.4          1006.9          7          NA          8.9
## 623          83          94          1004.5          1004.4          8          8          10.7
## 624          94          65          1013.8          1013.8          8          6          7.7
## 625          87          55          1024.1          1020.4          NA          1          4.5
## 626          92          86          1016.9          1006.3          4          8          5.0
## 627          85          56          1008.2          1007.8          8          6          11.6
## 628          82          58          1015.7          1014.8          4          5          6.4
## 629          86          68          1018.7          1017.8          8          3          7.0
## 630          87          49          1024.0          1020.5          NA          6          7.6
## 631          91          61          1017.7          1012.6          8          8          6.4
## 632          90          55          1013.2          1010.3          8          8          9.4
## 633          87          65          1010.9          1005.5          8          8          5.4
## 634          84          70          1003.1          1001.0          8          8          7.3
## 635          75          55          1009.5          1012.2          NA          NA          9.0
## 636          99          58          1024.4          1024.0          8          3          4.1
## 637          85          57          1029.6          1027.2          5          7          7.1
## 638          84          51          1028.9          1025.2          NA          NA          7.4
## 639          89          61          1024.8          1020.4          NA          6          7.2
## 640          86          71          1015.8          1014.9          7          8          11.2
## 641          92          68          1016.5          1016.0          7          5          10.9
## 642          65          55          1022.1          1017.5          NA          NA          10.2
## 643          96          87          1004.7           999.0          8          8          15.1
## 644          81          67          1011.7          1013.8          8          7          10.6
## 645          89          64          1019.7          1018.7          8          6          9.5
## 646          83          49          1026.2          1024.3          NA          1          8.0
## 647          74          51          1026.9          1022.6          NA          7          8.8
## 648          76          90          1015.6          1009.7          8          8          11.1
## 649          91          86          1004.5          1006.0          8          8          10.9
## 650          88          54          1020.2          1019.2          NA          8          8.4
## 651          84          51          1022.5          1017.5          NA          8          10.2
## 652          88          47          1017.1          1014.8          NA          1          11.4
## 653          76          50          1014.7          1010.3          NA          NA          12.2
## 654          68          58          1015.2          1015.6          NA          7          9.5
## 655          64          49          1019.2          1017.0          6          3          10.2
## 656          76          54          1024.0          1021.9          NA          5          8.8
## 657          67          60          1021.8          1018.8          6          8          9.8
## 658          90          55          1022.7          1020.8          8          2          9.0
## 659          79          54          1026.1          1023.3          NA          NA          10.0
## 660          81          64          1025.2          1022.6          NA          NA          11.9
## 661          70          48          1025.8          1021.7          5          8          14.7
## 662          76          52          1024.4          1021.9          1          NA          12.1
## 663          96          61          1023.9          1020.7          8          2          9.0
## 664          84          52          1018.6          1015.1          NA          1          12.1
## 665          75          43          1020.5          1017.3          NA          NA          13.2
## 666          83          50          1014.1          1011.2          NA          NA          11.9
## 667          65          49          1016.0          1015.1          NA          NA          10.4
## 668          66          43          1021.4          1020.5          NA          NA          9.4
## 669          59          45          1026.3          1023.7          NA          NA          9.5
## 670          71          42          1027.5          1024.6          NA          NA          9.9
## 671          61          47          1028.2          1025.1          NA          NA          13.7
```

```
## 672          72          45          1028.4          1025.0          NA          NA          13.4
## 673          85          52          1024.6          1020.4          NA          NA          13.2
## 674          78          52          1021.9          1019.5          NA           1          16.3
## 675          80          52          1019.8          1014.4          NA          NA          17.4
## 676          64          42          1020.0          1020.7          NA          NA          10.0
## 677          59          49          1025.3          1023.0          NA          NA          10.9
## 678          83          49          1025.7          1023.6           1          NA           9.9
## 679          71          42          1029.4          1028.1          NA          NA          14.8
## 680          60          45          1030.9          1027.2          NA          NA          15.4
## 681          91          66          1027.7          1023.9           8           8          14.7
## 682          92          94          1017.9          1013.7          NA           8          16.2
## 683          92          69          1013.6          1010.3           7          NA          14.0
## 684          93          90           989.8           982.9           8           8          18.5
## 685          72          61          1004.6          1008.3           8          NA           6.4
## 686          77          56          1016.1          1016.3           7           8           9.5
## 687          74          50          1019.9          1019.4           7           1          12.5
## 688          78          49          1026.0          1024.8          NA           4          10.9
## 689          80          51          1028.7          1025.0          NA          NA          11.9
## 690          75          47          1024.5          1020.8          NA          NA          13.5
## 691          77          49          1020.9          1016.9          NA          NA          14.9
## 692          81          77          1016.8          1016.8           8           5          17.4
## 693          65          51          1020.6          1018.7           5          NA          14.2
## 694          77          47          1022.4          1018.5           4           1          14.6
## 695          80          35          1017.9          1015.6          NA          NA          14.8
## 696          81          46          1016.2          1015.4          NA           2          15.6
## 697          73          48          1019.8          1016.4          NA          NA          15.0
## 698          70          44          1017.2          1012.6          NA          NA          17.1
## 699          95          96          1010.7          1008.4           8           8          17.6
## 700          78          67          1011.3          1012.0           8           8          15.5
## 701          79          52          1016.5          1013.8           7           1          12.5
## 702          73          51          1016.3          1014.7          NA           8          12.1
## 703          63          49          1019.3          1018.2          NA           5          14.4
## 704          61          48          1020.8          1019.0           8           5          13.3
## 705          53          37          1023.0          1019.6           7          NA          15.0
## 706          59          42          1022.6          1018.6          NA          NA          14.4
## 707          73          46          1018.3          1013.8          NA           1          15.9
## 708          71          64          1013.8          1014.7           7           4          19.4
## 709          69          47          1024.3          1021.4          NA           1          18.4
## 710          76          45          1019.9          1015.0          NA           3          21.5
## 711          73          47          1014.3          1010.0          NA          NA          20.6
## 712          60          41          1012.5          1008.7           1          NA          24.4
## 713          63          78          1012.1          1011.0           7           3          24.4
## 714          93          73          1013.9          1013.2           8          NA          19.2
## 715          84          32          1014.3          1011.7           7          NA          16.7
## 716          56          42          1015.4          1013.8          NA           3          15.8
## 717          65          34          1017.5          1014.5          NA          NA          15.6
## 718          68          36          1015.7          1013.5          NA          NA          16.0
## 719          56          39          1020.9          1019.8          NA          NA          17.1
## 720          63          39          1026.0          1022.1          NA          NA          18.3
## 721          70          29          1022.1          1019.1           5          NA          20.0
## 722          59          36          1022.7          1019.5          NA          NA          22.0
## 723          49          34          1023.5          1020.5          NA           2          23.2
## 724          46          31          1021.8          1018.8          NA          NA          24.0
## 725          47          57          1018.2          1017.0           7          NA          23.9
```

```
## 726      92      68      1018.1      1015.5      8       8       18.5
## 727      77      66      1012.6      1008.5     NA       8       20.6
## 728      86      89      1007.6      1007.9     NA      NA       18.5
## 729      69      51      1013.6      1012.7      5       2       16.6
## 730      69      81      1015.0      1014.3     NA      NA       17.4
## 731      72      73      1014.1      1013.3     NA       8       19.6
## 732      70      90      1015.0      1013.3     NA       8       21.3
## 733      71      75      1014.6      1011.3     NA      NA       21.3
## 734      65      48      1012.6      1009.3      1       6       22.5
## 735      63      31      1011.5      1008.2     NA      NA       23.1
## 736      63      38      1012.7      1008.9      1      NA       23.3
## 737      50      44      1011.5      1008.8      1       8       25.5
## 738      82      55      1009.4      1005.0      8       7       21.4
## 739      85      50      1009.1      1007.2      8       8       20.5
## 740      59      38      1010.1      1008.7      8      NA       19.1
## 741      59      35      1009.2      1004.5     NA       1       15.6
## 742      54      33      1005.6      1006.3      2      NA       17.7
## 743      65      32      1014.3      1012.5     NA      NA       17.0
## 744      67      36      1015.0      1010.4     NA      NA       18.6
## 745      57      28      1008.7      1003.6     NA       5       24.3
## 746      72      21      1004.6      1003.8     NA      NA       17.6
## 747      62      31      1005.3      1002.1     NA       7       17.7
## 748      64      52      1002.4      1002.8     NA       7       16.9
## 749      71      55       998.8       994.3      8       8       15.0
## 750      79      50      1002.3      1004.3      7       8       10.8
## 751      68      48      1010.5      1011.5     NA       7       14.3
## 752      71      37      1018.4      1015.7     NA      NA       16.6
## 753      62      24      1018.1      1017.4     NA      NA       19.8
## 754      47      33      1022.3      1018.2     NA      NA       20.6
## 755      60      72      1014.6      1009.9     NA       8       23.2
## 756      75      35      1005.4      1000.5      2      NA       22.2
## 757      57      38      1006.7      1007.1     NA      NA       16.3
## 758      49      35      1016.8      1014.2     NA      NA       15.1
## 759      57      28      1015.6      1012.8     NA      NA       21.9
## 760      55      25      1015.8      1013.3     NA      NA       21.7
## 761      55      22      1014.3      1010.7     NA      NA       23.3
## 762      46      29      1011.1      1009.2     NA      NA       26.8
## 763      45      27      1010.9      1009.5     NA      NA       25.1
## 764      56      28      1011.8      1009.3     NA      NA       20.2
## 765      53      38      1011.6      1007.8     NA      NA       19.9
## 766      57      31      1006.2      1004.3     NA      NA       22.0
## 767      48      34      1010.3      1007.7     NA      NA       21.4
## 768      51      42      1012.7      1010.1     NA      NA       23.4
## 769      66      40      1012.0      1009.1     NA      NA       22.9
## 770      55      41      1013.8      1010.6     NA      NA       26.7
## 771      68      40      1013.6      1010.0     NA      NA       24.1
## 772      81      87      1011.7      1009.4      8       8       22.5
## 773      66      84      1006.9      1006.2      8      NA       25.5
## 774      86      59      1009.5      1006.5      8       8       24.4
## 775      61      90      1006.0      1006.0     NA       8       24.5
## 776      83      34      1009.4      1007.4      1      NA       22.3
## 777      71      46      1009.7      1005.1     NA      NA       23.8
## 778      70      36      1004.4      1003.3     NA      NA       21.6
## 779      64      43      1007.4      1005.9     NA      NA       17.9
```

```
## 780          70          36          1009.1      1007.8      NA      NA      19.1
## 781          63          38          1011.8      1009.4      NA      NA      21.4
## 782          60          40          1012.4      1009.9      NA      NA      24.9
## 783          60          37          1013.6      1010.3      NA      NA      25.3
## 784          53          41          1010.4      1006.1      NA      NA      24.6
## 785          68          29          1002.5      1001.5      NA      NA      22.2
## 786          60          30          1008.0      1006.6      NA      NA      21.1
## 787          63          40          1008.2      1009.6      NA      NA      25.1
## 788          60          30          1014.5      1013.7      NA      NA      19.8
## 789          56          20          1017.8      1015.9      NA      NA      20.6
## 790          59          32          1018.9      1017.2      NA      NA      21.5
## 791          68          31          1019.0      1015.6      NA      NA      23.0
## 792          56          25          1015.3      1011.4      NA      NA      25.3
## 793          57          16          1009.0      1005.2      NA      NA      27.2
## 794          77          49          1014.1      1011.1      NA      NA      25.4
## 795          74          50          1012.3      1011.6      NA       1      25.8
## 796          80          99          1012.7      1011.1      NA       8      24.8
## 797          97          95          1008.6      1007.3       5       8      22.5
## 798          81          45          1017.0      1019.6       8      NA      14.7
## 799          58          40          1023.6      1019.5      NA      NA      14.5
## 800          66          50          1018.7      1016.6      NA      NA      18.5
## 801          66          43          1022.0      1019.8      NA      NA      18.7
## 802          79          55          1020.1      1016.1       2      NA      19.8
## 803          98          94          1013.4      1011.5       8       8      20.4
## 804          88          57          1014.2      1012.9       8       4      19.6
## 805          73          50          1017.6      1016.5      NA      NA      20.6
## 806          57          45          1022.2      1019.9      NA      NA      19.4
## 807          69          40          1022.3      1018.6      NA      NA      20.5
## 808          80          85          1017.6      1016.1       8      NA      20.7
## 809          90          55          1012.9      1010.8       8       5      19.9
## 810          68          51          1013.7      1010.3       1       1      22.0
## 811          91          67          1005.2      1004.5      NA       8      22.1
## 812          80          50          1010.1      1009.7       8       5      19.4
## 813          62          40          1015.2      1015.2      NA      NA      13.6
## 814          53          43          1022.1      1020.5      NA      NA      15.0
## 815          66          43          1024.0      1020.0      NA      NA      16.8
## 816          76          43          1019.2      1015.5      NA      NA      18.9
## 817          75          36          1014.1      1011.5      NA      NA      19.2
## 818          70          36          1011.3      1008.6      NA      NA      19.6
## 819          87          87          1009.9      1009.0       8       8      20.4
## 820          85          55          1007.8      1003.7       4       7      20.4
## 821          82          40          1006.5      1009.1       1      NA      16.0
## 822          67          41          1015.8      1012.8      NA      NA      13.0
## 823          77          45          1012.9      1011.6      NA      NA      13.4
## 824          79          42          1014.3      1013.6      NA      NA      13.2
## 825          58          30          1020.6      1019.4      NA      NA      15.6
## 826          68          38          1025.8      1022.8      NA      NA      15.0
## 827          73          42          1023.9      1019.2      NA      NA      16.2
## 828          71          34          1017.5      1013.2      NA       2      16.8
## 829          61          57          1014.8      1013.0       2      NA      22.3
## 830          92          95          1012.3      1011.9       8       8      19.8
## 831          90          54          1015.4      1013.7       8      NA      19.0
## 832          88          56          1018.8      1017.1      NA       8      19.8
## 833          87          61          1019.8      1017.2       8      NA      21.8
```

```
## 834          96          61          1021.3          1019.2          7          NA          19.6
## 835          81          56          1020.3          1017.0          NA         NA          19.4
## 836          87          37          1017.3          1015.5          7          NA          19.8
## 837          84          51          1018.7          1016.0          7          NA          15.4
## 838          77          47          1015.4          1012.4          1          1           16.2
## 839          74          43          1013.9          1010.6          NA         5           17.4
## 840          71          46          1011.9          1008.4          NA         1           19.4
## 841          75          59          1005.4          1002.5          NA         NA          19.3
## 842          82          58          1001.4          1000.3          8          5           20.1
## 843          76          63          1005.7          1005.3          8          8           16.4
## 844          90          64          1003.7          1003.8          8          3           15.7
## 845          77          49          1011.8          1012.6          3          8           14.9
## 846          67          43          1020.8          1019.7          NA         NA          15.1
## 847          69          47          1025.3          1023.6          NA         1           13.9
## 848          81          45          1026.9          1023.8          NA         NA          14.2
## 849          86          52          1024.0          1020.2          8          8           14.8
## 850          87          55          1018.7          1015.6          5          8           15.6
## 851          83          47          1022.8          1021.5          NA         NA          11.6
## 852          81          66          1019.6          1016.3          4          8           12.8
## 853          90          57          1016.5          1014.3          NA         8           13.9
## 854          74          46          1016.6          1014.5          5          1           14.6
## 855          85          47          1019.6          1018.0          NA         NA          10.7
## 856          70          42          1024.3          1022.3          NA         NA          10.8
## 857          76          53          1025.4          1021.5          NA         NA          8.1
## 858          96          57          1020.7          1016.0          7          NA          6.2
## 859          94          39          1016.0          1013.5          8          NA          7.4
## 860          60          43          1017.9          1016.8          NA         NA          11.4
## 861          69          43          1019.3          1015.3          NA         NA          7.4
## 862          83          55          1010.6          1009.0          2          5           8.0
## 863          94          89          1015.3          1013.8          6          8           4.1
## 864          98          74          1015.0          1012.3          8          6           9.0
## 865          82          46          1020.7          1021.8          NA         7           6.8
## 866          95          57          1031.5          1029.9          8          5           3.3
## 867          99          74          1033.0          1030.5          8          8           4.2
## 868          85          54          1031.8          1028.1          NA         NA          5.4
## 869          99          48          1032.0          1029.2          1          NA          7.1
## 870          91          55          1031.5          1028.8          NA         NA          6.6
## 871          93          48          1028.7          1024.9          NA         NA          7.7
## 872          85          50          1025.4          1020.7          NA         NA          8.0
## 873          94          53          1017.0          1009.3          6          6           10.2
## 874          88          85          1002.9          1000.5          8          8           13.2
## 875          85          65          1007.8          1008.2          8          8           10.0
## 876          74          47          1017.3          1016.1          NA         NA          7.3
## 877          75          52          1020.5          1018.6          NA         NA          6.6
## 878          99          65          1021.9          1020.6          7          1           6.1
## 879          99          72          1025.4          1023.5          NA         NA          6.1
## 880          99          63          1026.5          1023.4          NA         NA          4.7
## 881          76          51          1025.9          1023.2          NA         NA          8.7
## 882          73          48          1024.8          1022.0          NA         NA          8.0
## 883          86          53          1028.0          1025.1          NA         NA          8.8
## 884          99          58          1027.8          1023.4          7          NA          7.7
## 885          97          57          1020.6          1016.4          8          NA          8.5
## 886          95          72          1016.3          1015.6          8          1           10.9
## 887          98          75          1018.7          1014.7          8          2           6.7
```

```
## 888       77      50      1017.9    1018.0    NA    NA    6.8
## 889       97      79      1019.3    1014.3    8     NA    3.1
## 890       89      63      1019.2    1017.3    8     8     3.0
## 891       89      51      1018.1    1016.2    7     NA    7.2
## 892       85      46      1021.3    1021.7    NA    NA    4.3
## 893       82      50      1028.7    1026.6    NA    NA    3.5
## 894       76      49      1029.1    1026.0    NA    NA    7.6
## 895       91      41      1027.3    1024.5    NA    NA    4.3
## 896       78      45      1025.3    1023.7    NA    NA    8.2
## 897       82      48      1027.0    1024.7    NA    NA    5.8
## 898       89      52      1023.6    1018.4    NA    NA    4.8
## 899       92      68      1010.6    1010.1    8     NA    7.5
## 900       91      85      1015.1    1014.5    8     8     7.9
## 901       99      92      1017.7    1015.2    8     8     7.6
## 902       86      67      1015.4    1010.8    7     8     10.4
## 903       93      58      1002.0    1003.9    8     2     6.8
## 904       93      69      1013.3    1013.6    8     8     6.3
## 905       85      70      1020.2    1020.9    8     NA    11.0
## 906       99      87      1028.3    1027.8    NA    NA    6.4
## 907       99      65      1031.0    1028.1    8     NA    8.0
## 908       99      55      1029.2    1025.1    8     NA    5.7
## 909       99      47      1030.5    1028.7    NA    NA    4.3
## 910       98      52      1035.7    1032.6    NA    NA    3.6
## 911       81      50      1037.4    1035.1    NA    NA    5.6
## 912       92      53      1038.9    1034.2    NA    NA    5.4
## 913       99      59      1033.6    1028.7    8     NA    3.9
## 914       99      63      1026.7    1020.9    7     NA    3.7
## 915       98      80      1018.7    1014.3    8     7     6.3
## 916       85      54      1013.2    1009.1    6     6     10.7
## 917       84      73      1010.1    1008.8    8     NA    7.8
## 918       94      87      1010.8    1007.7    8     8     7.9
## 919       85      54      1013.9    1018.3    2     1     7.5
## 920       93      64      1026.0    1024.7    NA    8     4.3
## 921       94      87      1022.2    1021.1    8     8     7.4
## 922       78      68      1017.7    1012.6    8     8     7.0
## 923       85      64      1022.2    1022.7    6     8     5.7
## 924       83      64      1025.4    1023.4    8     7     7.7
## 925       91      88      1021.6    1020.1    7     NA    7.2
## 926       99      65      1029.3    1029.7    8     NA    4.0
## 927       95      46      1036.6    1033.3    NA    NA    2.6
## 928       78      56      1031.3    1026.3    NA    5     5.3
## 929       86      95      1024.0    1021.2    8     8     8.4
## 930       92      85      1018.8    1018.3    8     8     8.6
## 931       99      66      1020.4    1017.8    NA    NA    3.4
## 932       99      54      1021.5    1020.2    1     5     3.6
## 933       75      46      1022.2    1020.0    NA    4     8.8
## 934       56      45      1023.5    1021.4    NA    NA    12.5
## 935       72      45      1024.7    1021.6    NA    NA    5.8
## 936       93      81      1021.0    1018.2    NA    8     5.5
## 937       99      80      1016.6    1015.8    8     NA    8.0
## 938       99      63      1022.3    1022.0    NA    NA    7.0
## 939       99      49      1030.1    1028.8    NA    NA    4.3
## 940       99      59      1031.0    1027.6    NA    NA    2.9
## 941       92      52      1028.9    1024.7    NA    NA    3.6
```

```
## 942          89          54          1024.6          1020.0          NA          NA          4.9
## 943          96          76          1021.7          1019.8          NA          NA          8.8
## 944          92          55          1021.6          1018.5          NA          NA          8.7
## 945          90          44          1022.2          1018.0          NA          NA          10.7
## 946          92          43          1022.2          1019.9          NA          NA          9.0
## 947          64          37          1024.0          1021.4          NA          NA          14.7
## 948          65          42          1023.0          1018.1          NA          NA          13.9
## 949          99          92          1019.4          1014.8           8          NA          10.3
## 950          96          84          1016.4          1013.2          NA          NA          7.6
## 951          95          76          1011.9          1009.5           7          NA          7.6
## 952          89          76          1010.2          1008.4          NA           7          6.3
## 953          89          83          1009.3          1006.9          NA          NA          8.9
## 954          84          50          1012.0          1012.3          NA          NA          7.4
## 955          74          43          1020.7          1019.5          NA          NA          6.9
## 956          91          65          1025.0          1023.1          NA          NA          5.8
## 957          88          50          1027.1          1024.0          NA          NA          8.2
## 958          86          73          1025.6          1021.7          NA          NA          9.3
## 959          80          45          1020.8          1016.2          NA          NA          11.8
## 960          95          91          1011.8          1005.7          NA          NA          10.4
## 961          90          91          1010.7          1010.2          NA          NA          7.5
## 962          88          49          1021.0          1020.7          NA          NA          8.2
## 963          62          32          1031.5          1030.4          NA          NA          11.2
## 964          79          46          1037.3          1034.6          NA          NA          8.9
## 965          79          47          1039.9          1036.0          NA          NA          8.8
## 966          99          56          1037.3          1032.6          NA          NA          6.4
## 967          99          56          1031.4          1026.7          NA          NA          6.6
## 968          99          48          1025.6          1020.6          NA          NA          7.2
## 969          99          36          1025.6          1023.2           8          NA          6.5
## 970          71          42          1023.7          1019.9          NA          NA          8.2
## 971          72          44          1022.8          1018.7          NA           2          7.3
## 972          80          59          1019.2          1018.2          NA           8          8.2
## 973          99          47          1024.3          1022.1          NA          NA          5.4
## 974          87          56          1025.4          1023.2          NA          NA          6.5
## 975          82          42          1025.6          1023.0          NA          NA          9.3
## 976          65          31          1028.4          1025.3          NA          NA          10.4
## 977          71          44          1028.4          1023.6          NA          NA          10.2
## 978          65          68          1024.2          1021.8          NA          NA          14.5
## 979          86          52          1024.5          1020.2           4          NA          10.8
## 980          55          71          1014.9          1014.1           3           8          16.7
## 981          78          44          1021.3          1020.2          NA          NA          7.3
## 982          74          38          1022.7          1018.6          NA          NA          7.8
## 983          70          47          1013.1          1010.6           8           8          8.4
## 984          79          47          1015.9          1013.8          NA          NA          9.3
## 985          NA          NA          NA          NA          NA          NA          NA
## 986          NA          NA          NA          NA          NA          NA          NA
## 987          NA          47          NA          1023.9          NA           5          NA
## 988          83          42          1021.7          1018.3          NA          NA          9.4
## 989          72          33          1023.3          1020.4          NA          NA          9.7
## 990          78          50          1017.8          1013.9          NA           3          9.8
## 991          78          52          1017.5          1011.8          NA          NA          12.0
## 992          52          36          1015.6          1015.2          NA          NA          14.7
## 993          70          36          1015.5          1007.0          NA          NA          14.8
## 994          73          70          1008.8          1011.2           8          NA          12.2
## 995          99          53          1022.6          1020.3           8           5          7.8
```

```
## 996       81      36      1023.4    1017.4    NA    NA    12.6
## 997       65      39      1017.9    1018.1    NA    NA    14.5
## 998       69      39      1020.3    1016.3    NA    NA    11.8
## 999       53      36      1022.2    1020.5    NA    NA    13.7
## 1000      65      37      1025.0    1019.7    NA    NA    11.7
## 1001      72      44      1019.9    1014.4     8    NA    13.3
## 1002      69      93      1008.7    1004.9     4     8    16.9
## 1003      84      89       996.3     996.2     3     8    11.2
## 1004      84      59      1006.1    1003.7     8     8    10.1
## 1005      85      80      1005.8    1007.1     8     8    10.5
## 1006      69      47      1018.4    1018.1    NA    NA    11.3
## 1007      67      40      1024.7    1022.1    NA    NA     9.4
## 1008      74      47      1024.9    1021.9    NA     1    10.5
## 1009      89      59      1020.5    1016.4    NA    NA    10.2
## 1010      87      80      1014.8    1012.6    NA     8    13.0
## 1011      88      53      1013.2    1010.1    NA    NA    13.3
## 1012      79      50      1012.2    1009.5    NA    NA    13.5
## 1013      89      57      1010.1    1007.4     8     5    12.6
## 1014      64      48      1010.6    1010.0    NA    NA    10.2
## 1015      83      47      1013.9    1012.7     7    NA     9.9
## 1016      81      31      1018.8    1016.8    NA    NA     8.9
## 1017      73      47      1021.2    1017.9    NA    NA    12.4
## 1018      74      54      1017.2    1012.3    NA    NA    15.8
## 1019      77      53      1009.9    1007.5    NA     8    17.1
## 1020      58      34      1017.9    1020.5    NA    NA    12.7
## 1021      64      29      1032.4    1030.9    NA    NA    10.2
## 1022      69      35      1033.4    1029.7    NA    NA    12.7
## 1023      63      42      1030.1    1026.1    NA    NA    14.1
## 1024      68      34      1026.8    1021.7    NA    NA    16.6
## 1025      77      47      1023.7    1022.7    NA     1    17.9
## 1026      85      48      1023.9    1020.8     7    NA    15.6
## 1027      66      27      1020.7    1015.4     1    NA    18.3
## 1028      46      49      1010.0    1006.3    NA    NA    23.8
## 1029      85      60      1010.8    1012.5     8     8    13.0
## 1030      57      46      1020.2    1018.3    NA    NA    16.2
## 1031      63      43      1022.5    1017.9    NA    NA    15.4
## 1032      80      56      1016.1    1011.5    NA    NA    16.7
## 1033      91      63      1010.4    1009.9    NA     8    18.4
## 1034      74      54      1015.2    1015.6     1    NA    13.1
## 1035      60      41      1022.8    1019.6    NA    NA    14.1
## 1036      62      39      1019.8    1015.2    NA    NA    15.7
## 1037      64      51      1013.9    1011.1    NA    NA    14.9
## 1038      61      29      1013.5    1012.4    NA    NA    14.5
## 1039      57      36      1018.4    1015.5    NA    NA    16.0
## 1040      72      36      1016.9    1012.5    NA    NA    18.5
## 1041      63      44      1011.2    1006.4    NA     7    21.7
## 1042      83      47      1013.1    1011.0     8    NA    21.4
## 1043      72      43      1009.9    1009.6    NA    NA    22.7
## 1044      85      51      1013.4    1008.8     8    NA    19.8
## 1045      87      38      1011.7    1015.5     8     1    15.9
## 1046      72      30      1023.5    1020.3    NA    NA    16.4
## 1047      65      32      1019.0    1016.0    NA    NA    18.8
## 1048      66      32      1015.7    1011.7    NA    NA    19.7
## 1049      49      31      1006.1    1008.3    NA    NA    25.2
```

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## 1050      65      29      1016.4      1014.5      NA      NA      18.9
## 1051      62      78      1018.3      1016.6       8       8      20.1
## 1052      89      52      1019.2      1015.4       8      NA      17.2
## 1053      66      36      1017.1      1013.0      NA       4      22.9
## 1054      72      62      1013.4      1008.4       8       7      21.9
## 1055      92      44      1011.4      1013.6       8      NA      17.5
## 1056      54      36      1018.1      1014.3      NA      NA      17.0
## 1057      76      39      1012.3      1009.8      NA      NA      14.7
## 1058      53      30      1017.9      1017.3      NA      NA      17.5
## 1059      44      NA      1024.5          NA      NA      NA      17.2
## 1060      99      NA      1020.1          NA       8      NA      15.0
## 1061      83      NA      1006.2          NA       3      NA      20.0
## 1062      76      NA      1009.4          NA       7      NA      16.6
## 1063      72      29      1016.0      1013.3      NA      NA      20.9
## 1064      68      22      1012.7      1007.1       1       1      22.5
## 1065      66      87      1006.8      1013.0      NA       8      21.1
## 1066      55      32      1021.7      1019.7      NA      NA      13.8
## 1067      49      38      1022.5      1018.7      NA      NA      15.6
## 1068      53      34      1019.2      1014.8      NA       3      18.0
## 1069      50      35      1015.8      1014.8      NA      NA      16.9
## 1070      46      35      1021.3      1017.0      NA      NA      15.2
## 1071      54      36      1018.9      1014.4      NA      NA      16.4
## 1072      49      38      1014.9      1010.4      NA      NA      18.3
## 1073      62      37      1012.6      1009.5      NA      NA      20.8
## 1074      62      32      1012.6      1009.3      NA      NA      20.7
## 1075      72      58      1009.7      1005.8       8       8      20.1
## 1076      94      55      1004.3      1000.7       7       6      18.3
## 1077      63      43      1006.5      1004.4      NA       2      18.3
## 1078      49      36      1009.1      1008.1      NA       2      19.0
## 1079      51      36      1015.2      1013.4      NA      NA      17.2
## 1080      54      35      1017.3      1014.3      NA      NA      19.4
## 1081      67      43      1018.6      1015.6       4      NA      20.0
## 1082      67      35      1019.8      1015.4      NA       1      21.2
## 1083      43      50      1014.2      1010.4      NA       8      22.6
## 1084      84      47      1007.2      1005.3       8       7      20.7
## 1085      60      37      1012.7      1011.3      NA      NA      20.9
## 1086      56      47      1015.3      1013.1      NA       1      21.7
## 1087      63      42      1015.9      1012.3      NA      NA      20.9
## 1088      72      33      1014.2      1010.9      NA      NA      21.2
## 1089      58      34      1013.3      1009.6      NA      NA      23.8
## 1090      68      93      1009.8      1007.9      NA      NA      22.1
## 1091      81      48      1005.6      1002.6      NA      NA      21.2
## 1092      69      45      1009.9      1008.0      NA      NA      19.9
## 1093      50      40      1012.7      1010.2      NA      NA      20.0
## 1094      49      28      1014.5      1012.5      NA      NA      20.8
## 1095      50      33      1018.1      1015.9      NA      NA      20.9
## 1096      54      36      1019.8      1015.9      NA      NA      22.6
## 1097      61      27      1016.5      1013.2      NA      NA      24.2
## 1098      57      30      1016.5      1012.9      NA      NA      25.5
## 1099      55      21      1015.7      1011.8      NA      NA      26.5
## 1100      60      41      1012.2      1011.7      NA      NA      24.5
## 1101      59      23      1014.9      1011.6      NA      NA      20.9
## 1102      43      21      1015.0      1012.3      NA      NA      18.9
## 1103      47      19      1011.7      1007.5      NA      NA      21.6
```

```
## 1104          91          85     1006.3     1002.1         NA     NA   20.0
## 1105          56          33     1010.1     1009.4         NA     NA   16.5
## 1106          57          30     1011.2     1008.7         NA      1   17.9
## 1107          85          34     1006.8     1008.6          8      3   13.5
## 1108          52          34     1017.9     1015.6         NA     NA   14.8
## 1109          62          31     1016.4     1013.3         NA     NA   16.6
## 1110          49          26     1015.2     1012.6         NA     NA   19.5
## 1111          52          37     1017.6     1014.5         NA      2   20.7
## 1112          48          30     1020.9     1017.1         NA      3   23.5
## 1113          41          30     1020.8     1016.6         NA     NA   24.3
## 1114          64          55     1016.6     1014.7          6      7   21.2
## 1115          59          26     1015.7     1012.8          1     NA   24.8
## 1116          58          23     1014.2     1010.2         NA     NA   25.3
## 1117          56          28     1013.4     1010.7         NA     NA   24.9
## 1118          49          29     1019.9     1017.6         NA     NA   24.5
## 1119          44          23     1020.9     1016.5         NA     NA   22.2
## 1120          55          30     1017.4     1012.9         NA     NA   21.1
## 1121          52          18     1013.2     1009.2         NA     NA   24.6
## 1122          38          24     1013.6     1010.0         NA     NA   24.4
## 1123          50          29     1015.6     1011.3          1      1   24.7
## 1124          56          29     1014.1     1008.7         NA     NA   24.9
## 1125          49          28     1008.7     1002.4         NA      1   26.4
## 1126          92          69      995.3      995.4          7      8   22.6
## 1127          61          33     1007.7     1008.2         NA      1   19.1
## 1128          52          38     1013.9     1010.3          1     NA   18.8
## 1129          55          32     1011.2     1006.8         NA     NA   20.1
## 1130          69          39     1006.9     1003.3         NA     NA   20.6
## 1131          63          32     1005.3     1002.0         NA      1   21.2
## 1132          61          29     1000.9      995.7         NA      1   22.2
## 1133          58          29     1005.5     1004.6         NA     NA   16.9
## 1134          63          29     1008.5     1006.5         NA     NA   16.9
## 1135          61          25     1011.2     1009.3         NA     NA   17.8
## 1136          61          57     1012.2     1010.0          4      2   19.6
## 1137          78          43     1010.8     1008.1         NA      8   18.7
## 1138          69          42     1011.7     1009.2         NA      8   16.6
## 1139          68          36     1014.6     1012.2         NA      8   18.0
## 1140          61          30     1016.8     1014.5         NA     NA   19.6
## 1141          60          34     1019.4     1016.4         NA      3   21.1
## 1142          65          31     1019.4     1015.6         NA      8   20.8
## 1143          83          63     1018.0     1017.2          8      8   18.4
## 1144          75          49     1015.7     1012.2          4      7   21.0
## 1145          68          40     1016.2     1013.9         NA     NA   22.0
## 1146          62          54     1015.4     1013.3          2     NA   23.3
## 1147          82          86     1013.2     1013.3          7      8   19.0
## 1148          72          36     1012.6     1010.6         NA      8   19.3
## 1149          65          37     1015.0     1012.7         NA      3   19.5
## 1150          73          29     1019.5     1017.6         NA     NA   18.4
## 1151          65          27     1022.2     1019.3         NA     NA   19.8
## 1152          65          15     1021.4     1017.4         NA     NA   21.5
## 1153          91         100     1018.3     1014.9          7      8   18.6
## 1154          88          67     1015.7     1013.2          8      8   21.9
## 1155         100          64     1012.0     1010.3          8     NA   19.5
## 1156          74          69     1013.0     1011.1         NA      8   20.5
## 1157          97          88     1002.0     1001.9          8      8   19.5
```

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## 1158          60          46        1010.9      1011.3         8          7       19.1
## 1159          62          92        1014.2      1011.1         8          8       19.3
## 1160         100          65        1009.3      1010.4         8          3       19.1
## 1161          85          44        1015.7      1014.8        NA         NA       16.3
## 1162          79          50        1019.0      1017.3         7          4       16.7
## 1163          49          42        1023.2      1020.2         1          7       17.7
## 1164          49          43        1015.8      1010.2        NA          8       18.3
## 1165          76          46        1011.1      1009.6        NA          4       16.7
## 1166          77          39        1014.3      1013.9        NA         NA       15.5
## 1167          87          41        1018.2      1015.9        NA         NA       14.9
## 1168          82          46        1018.7      1016.9        NA          8       16.7
## 1169          77          45        1019.2      1016.1        NA          8       18.4
## 1170          77          61        1018.0      1014.8        NA          8       19.6
## 1171          79          44        1014.4      1010.8        NA          2       20.8
## 1172          93          93        1010.5      1012.3         8          8       19.8
## 1173          98          50        1016.0      1014.9         2         NA       14.5
## 1174          68          46        1022.9      1020.9        NA         NA       15.9
## 1175          78          41        1024.3      1020.5        NA         NA       16.0
## 1176          74          47        1018.6      1013.1        NA          2       17.6
## 1177          66          61        1007.9      1004.2         4          8       20.9
## 1178          72          46        1008.7      1006.1         1         NA       12.6
## 1179          83          47        1006.9      1006.9         8          3       12.5
## 1180          79          54        1015.0      1015.4         7          5       11.1
## 1181          85          46        1022.4      1020.5        NA         NA       10.2
## 1182          90          45        1023.0      1020.6        NA          1       11.1
## 1183          86          57        1022.7      1020.6        NA         NA       13.5
## 1184          86          75        1021.1      1018.1         7          8       16.5
## 1185          87          43        1020.6      1017.4         8         NA       13.0
## 1186          81          44        1019.2      1016.0        NA          1       15.1
## 1187          82          40        1019.1      1015.6        NA         NA       15.5
## 1188          74          47        1017.8      1015.1        NA          8       19.2
## 1189          78          42        1017.6      1014.6        NA         NA       17.6
## 1190          75          41        1015.6      1012.0         7          2       18.4
## 1191          78          52        1016.3      1013.9        NA         NA       19.4
## 1192          78          51        1019.5      1016.4        NA         NA       19.6
## 1193          81          51        1018.1      1013.2        NA          5       20.1
## 1194          59          41        1020.8      1018.8        NA         NA       14.1
## 1195          83          45        1019.7      1016.0        NA          2       12.0
## 1196          81          58        1019.2      1018.2         8          8       12.0
## 1197          68          37        1030.2      1028.9        NA          2        8.9
## 1198          68          34        1034.1      1031.0        NA         NA       10.0
## 1199          79          35        1035.1      1031.1        NA         NA       11.3
## 1200          78          33        1033.0      1028.1        NA         NA       13.1
## 1201          82          63        1028.0      1023.9        NA          1       11.8
## 1202          81          38        1026.4      1022.3        NA          3       15.2
## 1203          79          36        1025.6      1022.3        NA          1       15.5
## 1204          71          38        1025.8      1022.0        NA         NA       17.4
## 1205          66          48        1022.1      1018.3         1         NA       19.7
## 1206          80          76        1018.4      1015.8         8          4       18.3
## 1207         100          62        1017.3      1014.7         8          1       15.7
## 1208          86          50        1016.5      1012.1        NA         NA       17.0
## 1209          95          57        1012.7      1008.7         8          8       16.4
## 1210          95          42        1011.0      1008.6         4          1       16.9
## 1211          84          79        1014.2      1013.5         8          8       10.3
```

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## 1212      81      63    1015.1    1013.6     4     7    9.8
## 1213      95      63    1021.9    1019.4     8    NA    9.5
## 1214     100      58    1023.0    1021.2     8     6    9.4
## 1215     100      56    1022.9    1019.2     8    NA   10.3
## 1216      97      47    1023.3    1020.7     5    NA   10.2
## 1217      79      50    1026.2    1022.8    NA     1   10.4
## 1218      93      56    1025.5    1021.3     7     7   11.3
## 1219      94      89    1021.7    1019.5     7     8   14.2
## 1220      80      53    1022.9    1020.8    NA     1    8.1
## 1221      87      56    1023.3    1020.4    NA     1    8.6
## 1222     100      65    1021.1    1017.1     8    NA    7.0
## 1223     100      71    1018.6    1017.8     8     8    6.9
## 1224      99      68    1021.1    1017.5     8     5    8.0
## 1225      91      49    1019.6    1016.0     8     1    9.0
## 1226      92      72    1021.1    1019.0     8     5   11.7
## 1227     100      56    1022.8    1019.5     5     7   12.5
## 1228      93      64    1019.5    1016.7    NA     8   10.9
## 1229      84      53    1020.2    1018.1    NA     8    8.2
## 1230      81      56    1015.9    1016.2     5     6    9.2
## 1231      81      46    1025.2    1024.3    NA    NA    5.4
## 1232      84      52    1027.0    1024.1    NA    NA    7.5
## 1233      94      58    1026.5    1023.7     8     2    7.6
## 1234     100      51    1026.3    1022.7     7    NA    5.7
## 1235      94      65    1025.9    1023.0    NA    NA    6.9
## 1236      97      59    1025.3    1022.5     8    NA    7.2
## 1237     100      50    1027.1    1024.1     8    NA    6.1
## 1238     100      59    1026.2    1022.9     8     5    5.0
## 1239      90      54    1025.3    1021.7     8     7    6.8
## 1240      78      38    1022.3    1017.4     7    NA   10.7
## 1241      82      96    1017.5    1015.2     2     8   10.9
## 1242      87      86    1011.4    1008.6     8     8    7.6
## 1243      95      79    1016.1    1015.3     7     8    7.9
## 1244     100      63    1023.5    1022.2     8     1    7.0
## 1245      97      57    1028.7    1027.1    NA    NA    6.1
## 1246      92      56    1033.8    1031.9    NA    NA    7.3
## 1247     100      57    1036.5    1032.5     8    NA    5.8
## 1248     100      63    1034.4    1030.9     7    NA    5.7
## 1249     100      56    1030.1    1025.9    NA    NA    7.9
## 1250      94      60    1023.9    1019.2    NA    NA    6.0
## 1251      84      72    1016.5    1012.6     7     8    9.7
## 1252     100      86    1008.4    1005.1     8     8    6.3
## 1253      63      52    1003.3    1008.5    NA    NA   14.3
## 1254      85      50    1020.9    1020.8    NA    NA    6.0
## 1255      80      52    1026.2    1024.0    NA    NA    4.7
## 1256      96      54    1027.5    1025.5    NA    NA    3.2
## 1257     100      64    1028.2    1025.2     7     5    3.0
## 1258     100      50    1027.5    1024.4     8     1    4.0
## 1259      84      52    1026.2    1022.2    NA    NA    5.7
## 1260      81      53    1023.5    1020.4    NA    NA    6.3
## 1261      85      60    1022.9    1019.7    NA    NA    6.3
## 1262      97      65    1018.2    1013.8     7     8    7.3
## 1263      83      59    1014.6    1013.5     3    NA   11.6
## 1264      98      86    1017.5    1015.0     8     7    5.5
## 1265      93      89    1020.9    1020.5     8     7    8.8
```

```
## 1266      96      75    1024.7    1023.5      NA       8    5.6
## 1267      87      53    1022.2    1021.0       1      NA   10.8
## 1268     100      64    1023.5    1018.8       8       7    3.0
## 1269      83      59    1013.4    1007.8       8       8   10.2
## 1270      91      90    1006.6    1009.0       8       8    8.4
## 1271     100      68    1025.1    1025.3       8       8    0.3
## 1272      98      89    1031.1    1029.9       8       8    8.0
## 1273     100      81    1031.0    1028.4       8       8    7.7
## 1274     100      67    1031.2    1028.6      NA       8    6.8
## 1275      93      67    1031.3    1027.7       8       8    6.1
## 1276     100      74    1025.5    1019.4       8       7    5.5
## 1277     100      68    1013.7    1008.8       7       8    9.9
## 1278     100      68    1013.6    1011.6       8       8    4.3
## 1279     100      91    1016.2    1014.7       8       8    6.5
## 1280      97      74    1020.2    1020.0       8      NA    7.5
## 1281     100      67    1024.7    1022.1       7      NA    4.2
## 1282     100      47    1029.3    1028.6       8      NA    3.0
## 1283      83      48    1035.2    1033.2      NA      NA    3.5
## 1284      87      53    1036.5    1032.9      NA      NA    3.7
## 1285      94      58    1034.4    1030.7      NA      NA    2.9
## 1286      91      59    1032.1    1027.8      NA      NA    4.1
## 1287      95      60    1029.0    1024.2       1       1    5.2
## 1288      95      97    1020.8    1015.6       7       8    9.1
## 1289      87      73    1019.1    1017.8       2       3   10.8
## 1290     100      90    1015.7    1010.6      NA       7    7.1
## 1291     100      81    1009.3    1008.5       7       8   12.5
## 1292      97      72    1012.1    1010.2       7       7   10.3
## 1293      89      64    1020.4    1021.6       7       8    7.2
## 1294      94      89    1028.6    1027.2       8       8   10.1
## 1295     100      66    1026.2    1022.8       8       8   10.2
## 1296      84      69    1020.7    1017.8       2       8   10.8
## 1297     100      58    1024.5    1023.2       8       3    2.3
## 1298      86      67    1028.7    1027.3       3       8    9.2
## 1299     100      53    1033.1    1030.3       8      NA    5.2
## 1300      92      54    1033.2    1030.0      NA      NA    5.6
## 1301     100      49    1032.3    1028.3       1       1    5.6
## 1302     100      66    1029.3    1025.5       8      NA    4.0
## 1303      94      64    1021.9    1016.8       8       8    7.0
## 1304      91      55    1013.0    1010.8       7      NA   10.4
## 1305      96      86    1013.2    1012.3       8       4    7.8
## 1306     100      71    1020.8    1020.1       8       8    5.9
## 1307     100      55    1025.9    1024.6      NA       6    5.7
## 1308     100      56    1029.0    1026.3       8      NA    3.6
## 1309      80      47    1029.1    1025.5      NA      NA    4.8
## 1310      76      50    1025.4    1022.5      NA       2    6.0
## 1311      87      65    1024.2    1020.3      NA      NA    4.9
## 1312      95      53    1018.7    1015.8       8       7    6.0
## 1313      99      62    1018.6    1015.9       7       8    5.8
## 1314      92      59    1014.2    1010.6       8       8    8.6
## 1315      86      60    1020.0    1020.7       5       6    6.1
## 1316      80      49    1025.8    1023.6      NA      NA    7.9
## 1317      87      54    1022.9    1016.5       1      NA    6.1
## 1318      87      82    1018.0    1017.7       1       8    8.7
## 1319      77      45    1024.4    1022.9      NA      NA    6.1
```

```
## 1320     87     47    1027.3    1024.9    NA    NA     4.9
## 1321     79     46    1028.4    1025.1    NA    NA     6.2
## 1322     89     61    1028.8    1024.2    NA     5     6.7
## 1323     95     54    1022.2    1016.9    NA     1     6.0
## 1324    100     67    1017.8    1015.0     8     2     6.2
## 1325     88     63    1015.0    1010.3     8     8     9.0
## 1326     95     69    1003.7    1001.3     7     8     6.8
## 1327     99     74    1011.0    1012.5     8     8     6.7
## 1328    100     62    1023.4    1022.0     8    NA     5.1
## 1329     89     55    1024.6    1020.4     8     2     6.4
## 1330     84     45    1020.1    1015.3     2     1     7.9
## 1331     74     50    1012.6    1005.7     5    NA    11.3
## 1332     79     96    1007.3    1004.1     8     7    11.8
## 1333     90     70    1013.7    1012.9     8     8     6.1
## 1334     86     63    1020.6    1019.6     8     8     7.0
## 1335     85     50    1020.7    1020.5     3     6    10.2
## 1336    100     59    1026.4    1023.2     8     1     4.6
## 1337     87     55    1024.9    1019.9    NA    NA     7.6
## 1338     72     48    1013.4    1007.7     8    NA    10.8
## 1339     85     53    1012.1    1014.3     8     6     8.6
## 1340     88     47    1019.1    1018.0     8     7     5.3
## 1341     76     44    1025.8    1023.1    NA    NA     6.2
## 1342     83     45    1025.7    1022.5    NA    NA     7.9
## 1343     75     48    1024.7    1021.5    NA    NA     8.3
## 1344     76     36    1023.5    1019.1    NA    NA    11.9
## 1345     39     43    1011.0    1000.8    NA     7    16.8
## 1346     69     57    1009.5    1008.1     7     8    12.4
## 1347     86     59    1006.8    1008.8     8     8     8.0
## 1348     86     63    1017.9    1017.4     8     8     9.6
## 1349     73     54    1025.3    1023.6    NA    NA    11.1
## 1350    100     53    1026.3    1021.7     7    NA     8.7
## 1351     94     44    1025.9    1022.0     1    NA     9.6
## 1352     80     37    1021.2    1015.2    NA    NA    11.3
## 1353     67     46    1010.4    1011.9    NA    NA    11.8
## 1354     77     61    1022.5    1020.6     8     8     7.7
## 1355     79     49    1026.0    1022.9    NA    NA    10.0
## 1356     88     56    1021.6    1018.2    NA    NA    10.5
## 1357     82     53    1019.8    1017.3     1     7    11.9
## 1358     85     68    1017.4    1013.4     8     4    11.2
## 1359     87     58    1017.8    1015.1     7     1    12.7
## 1360     87     50    1018.0    1010.6     7     6    14.0
## 1361     85     60    1015.5    1014.5     8     8    13.2
## 1362     90     51    1018.6    1013.6     1    NA    11.5
## 1363     79     45    1009.4    1008.3     1     3    13.0
## 1364     74     44    1015.8    1016.1    NA     5    11.0
## 1365     67     43    1022.8    1018.8    NA    NA     9.5
## 1366     74     36    1021.3    1016.4    NA    NA    11.5
## 1367     77     44    1014.5    1007.8     5     1    14.3
## 1368     45     62    1000.8    1001.6     5     7    23.2
## 1369     69     41    1010.5    1012.5     8     8     9.0
## 1370     75     49    1021.8    1021.7    NA     8     9.1
## 1371     70     45    1029.8    1026.9    NA    NA    10.8
## 1372     66     44    1033.0    1028.6    NA    NA    13.7
## 1373     75     36    1027.7    1022.7    NA    NA    14.8
```

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## 1374        70       22      1019.7      1013.3      NA      NA      16.2
## 1375        50       34      1015.5      1014.7      NA       1      19.5
## 1376        97      100      1016.8      1011.6      NA       8      12.0
## 1377        72       51      1018.2      1016.3      NA       2       8.7
## 1378        93       58      1016.0      1013.0       5       8       8.2
## 1379        80       47      1013.5      1010.8      NA       1       9.9
## 1380        69       47      1011.6      1009.7      NA       6      11.9
## 1381        89       85      1007.5      1008.0       8       8       8.8
## 1382        48       41      1015.5      1016.1      NA       4      11.4
## 1383        76       43      1022.1      1020.3      NA       7      10.2
## 1384        83       50      1025.7      1023.1      NA      NA      10.7
## 1385        79       40      1024.8      1020.0      NA      NA      13.0
## 1386        87       77      1016.0      1014.2       1       8      12.4
## 1387        69       45      1020.0      1018.7      NA      NA      10.4
## 1388        79       43      1020.5      1018.0      NA      NA      12.8
## 1389        78       35      1015.9      1010.6      NA      NA      14.9
## 1390        73       34      1011.7      1011.4      NA      NA      16.7
## 1391        72       35      1015.5      1014.3      NA      NA      15.3
## 1392        56       34      1020.6      1021.8      NA      NA      12.0
## 1393        64       41      1027.0      1023.7      NA      NA      10.6
## 1394        71       45      1022.9      1017.8      NA      NA      12.8
## 1395        40       45      1009.7      1009.5      NA       3      20.6
## 1396        72       41      1012.1      1010.7      NA       2      11.4
## 1397        64       38      1018.2      1017.8      NA      NA      11.5
## 1398        63       35      1023.9      1021.1      NA      NA      13.7
## 1399        72       31      1022.1      1017.9      NA       2      16.4
## 1400        64       40      1017.6      1013.4      NA       1      18.1
## 1401        70       38      1016.0      1012.2      NA      NA      19.0
## 1402        53       47      1007.0      1008.6       3       8      20.4
## 1403        64       43      1016.6      1014.5      NA      NA      11.8
## 1404        65       37      1018.2      1015.7      NA       7      15.4
## 1405        69       30      1018.1      1014.5      NA      NA      17.5
## 1406        68       51      1015.9      1013.3      NA       8      17.8
## 1407        73       42      1011.6      1010.0      NA       7      22.8
## 1408        95       93      1011.2      1008.9       8       8      19.4
## 1409        83       55      1012.8      1011.1       6       8      18.4
## 1410        68       37      1017.5      1017.1      NA      NA      16.0
## 1411        52       27      1023.8      1021.4      NA      NA      14.5
## 1412        67       35      1027.0      1022.7      NA      NA      15.2
## 1413        68       31      1021.7      1015.5      NA      NA      18.2
## 1414        63       37      1019.3      1016.9      NA      NA      16.8
## 1415        61       35      1017.8      1014.6      NA      NA      16.8
## 1416        67       25      1013.8      1011.8      NA      NA      17.1
## 1417        54       29      1011.6      1009.4      NA      NA      18.0
## 1418        57       44      1015.0      1011.4      NA       2      16.2
## 1419        50       35      1012.5      1011.0      NA      NA      17.4
## 1420        58       36      1018.0      1016.9      NA      NA      15.3
## 1421        56       34      1022.2      1018.1      NA      NA      17.3
## 1422        46       24      1015.0      1008.2      NA       1      21.2
## 1423        47       27      1016.0      1013.9      NA      NA      18.0
## 1424        61       28      1018.1      1014.4      NA      NA      18.9
## 1425        64       30      1015.6      1012.0      NA      NA      21.5
## 1426        55       16      1013.9      1011.2      NA      NA      23.8
## 1427        59       21      1014.4      1012.5      NA       1      22.3
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## 1428    71    52    1013.3    1013.4     7     3    19.5
## 1429    59    44    1014.3    1011.2    NA     1    23.9
## 1430    56    35    1012.4    1008.4     4    NA    27.5
## 1431    53    46    1010.4    1011.0    NA     5    29.5
## 1432    49    16    1012.8    1009.3    NA    NA    22.3
## 1433    48    17    1012.2    1010.9    NA    NA    21.4
## 1434    32    20    1015.8    1011.9    NA    NA    23.6
## 1435    44    12    1012.3    1008.1    NA    NA    27.8
## 1436    36    17    1012.4    1009.8    NA     1    30.7
## 1437    40    22    1017.6    1014.3    NA    NA    29.2
## 1438    47    22    1018.2    1012.4    NA    NA    29.7
## 1439    24    16    1002.4     997.2    NA    NA    34.5
## 1440    46    27    1002.4    1002.1    NA    NA    17.0
## 1441    48    24    1007.8    1006.0    NA    NA    20.1
## 1442    48    12    1007.6    1004.1    NA    NA    23.0
## 1443    42    32    1007.0    1010.2    NA    NA    23.2
## 1444    57    80    1011.7    1013.5     7     8    20.1
## 1445    46    29    1017.6    1015.5    NA    NA    16.1
## 1446    52    27    1018.1    1014.3    NA    NA    19.6
## 1447    51    12    1013.9    1010.3    NA    NA    21.8
## 1448    46    11    1009.4    1005.0    NA    NA    24.6
## 1449    38    12     999.9     998.5    NA    NA    27.0
## 1450    51    30    1010.2    1009.5    NA    NA    23.0
## 1451    51    32    1014.5    1010.5    NA    NA    23.3
## 1452    46    29    1012.1    1007.1    NA    NA    27.7
## 1453    63    11    1009.1    1006.7    NA    NA    24.2
## 1454    45    20    1013.4    1010.8    NA    NA    23.3
## 1455    56    23    1015.2    1010.4    NA    NA    24.1
## 1456    47    31    1009.7    1007.0    NA    NA    27.2
## 1457    50    33    1009.9    1004.5     1     6    25.8
## 1458    60    20    1008.5    1005.3    NA    NA    18.4
## 1459    61    36    1007.6    1003.9     5     2    23.1
## 1460    51    31    1005.5    1003.5    NA     2    23.7
## 1461    53    27    1013.5    1012.3    NA    NA    18.0
## 1462    45    13    1012.2    1006.1    NA    NA    19.5
## 1463    49    31    1016.3    1015.8    NA    NA    19.7
## 1464    46    28    1021.8    1019.0    NA    NA    18.9
## 1465    52    23    1021.7    1018.2    NA    NA    20.0
## 1466    64    23    1021.5    1017.6    NA    NA    18.2
## 1467    66    28    1021.0    1017.0    NA    NA    18.7
## 1468    65    34    1019.8    1016.1    NA    NA    20.2
## 1469    64    29    1018.5    1015.6    NA    NA    22.0
## 1470    65    24    1020.0    1016.1    NA    NA    23.7
## 1471    65    32    1019.8    1016.0    NA    NA    22.7
## 1472    65    24    1018.6    1015.5     1    NA    22.5
## 1473    56    32    1018.5    1015.5     5    NA    24.2
## 1474    66    32    1019.2    1014.3    NA    NA    23.2
## 1475    47    28    1012.3    1007.3    NA     7    24.3
## 1476    63    26    1011.3    1009.6    NA    NA    18.4
## 1477    64    31    1015.6    1013.0    NA    NA    19.1
## 1478    60    36    1013.1    1011.5    NA     2    18.0
## 1479    39    26    1018.3    1018.1    NA    NA    14.8
## 1480    55    28    1022.0    1019.6    NA    NA    13.0
## 1481    63    25    1023.8    1020.9    NA    NA    14.7
```

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## 1482     59     33     1023.5     1018.0     NA      6     15.3
## 1483     81     82     1015.7     1009.7      8      8     17.8
## 1484     73     45     1014.6     1012.9     NA      1     15.6
## 1485     79     38     1018.5     1016.2     NA      2     13.3
## 1486     82     29     1016.9     1013.1     NA     NA     13.7
## 1487     76     34     1019.0     1016.9     NA     NA     14.9
## 1488     70     29     1017.9     1014.1     NA     NA     18.3
## 1489     69     27     1015.7     1011.0     NA      1     18.4
## 1490     84     84     1013.1     1015.4      8      7     22.2
## 1491     68     38     1021.1     1018.5     NA     NA     11.2
## 1492     92     53     1017.9     1014.2      2      1     10.9
## 1493     72     60     1013.6     1013.4      8      8     15.9
## 1494     86     42     1019.3     1016.9     NA      1     11.8
## 1495     83     49     1018.6     1016.5     NA      4     12.1
## 1496     61     40     1021.5     1020.6     NA     NA     14.2
## 1497     72     38     1028.2     1025.8     NA     NA     13.1
## 1498     78     42     1030.1     1026.8     NA     NA     13.0
## 1499     80     40     1027.7     1023.2      6     NA     14.6
## 1500     74     37     1025.0     1021.1     NA     NA     15.7
## 1501     67     44     1026.0     1023.3     NA      8     17.5
## 1502     72     39     1027.3     1022.8      1      1     16.7
## 1503     72     38     1024.8     1020.6     NA      1     16.8
## 1504     76     34     1023.9     1021.0     NA     NA     17.0
## 1505     74     33     1025.2     1021.0     NA      4     18.0
## 1506     75     32     1019.9     1013.9     NA     NA     17.3
## 1507     80     53     1013.0     1009.1      7      8     17.4
## 1508     77     47     1010.6     1009.0     NA     NA     18.9
## 1509     63     43     1015.2     1012.9     NA     NA     16.6
## 1510     69     49     1016.9     1013.8     NA     NA     15.6
## 1511     73     37     1016.3     1014.0     NA      7     14.8
## 1512     50     41     1021.1     1020.0     NA     NA     12.4
## 1513     55     38     1019.6     1016.7     NA     NA     14.6
## 1514     70     35     1016.3     1010.7     NA      6     10.6
## 1515     90     79     1010.7     1010.3      8      8     11.7
## 1516     85     47     1014.2     1014.2      8     NA     13.5
## 1517     89     48     1020.8     1019.4      8      8      9.9
## 1518     83     48     1023.9     1021.4      7      3     10.2
## 1519     79     53     1024.8     1022.0      2      1     13.2
## 1520     90     44     1023.0     1017.6      1     NA     11.8
## 1521     66     28     1017.8     1015.2      5      7     16.7
## 1522     92     77     1024.2     1024.4      8      7     12.1
## 1523     77     62     1025.6     1021.9     NA      3     13.0
## 1524     83     50     1020.9     1019.3      7     NA     11.9
## 1525     74     38     1027.7     1025.4     NA     NA      8.6
## 1526     79     35     1027.4     1020.9     NA     NA      9.1
## 1527     81     38     1021.9     1020.4     NA     NA     12.4
## 1528     66     35     1025.8     1022.6     NA     NA      9.3
## 1529     66     37     1027.2     1023.2     NA     NA      9.3
## 1530     72     NA     1028.6        NA     NA     NA      9.8
## 1531     77     48     1030.7     1027.0      1     NA     11.7
## 1532     81     54     1031.7     1027.9     NA     NA     12.5
## 1533     86     38     1031.8     1027.9     NA     NA     12.4
## 1534     81     39     1030.5     1025.1     NA     NA     12.6
## 1535     82     38     1025.0     1019.2     NA      4     11.4
```

```
## 1536     96      65     1015.3     1013.6      8       8      14.0
## 1537    100      82     1015.8     1013.7      8       8       6.1
## 1538     97      79     1012.2     1010.0      8       8       9.6
## 1539     90      76     1010.7     1009.9      7       8       9.4
## 1540    100      71     1015.9     1014.4      7       5       7.8
## 1541    100      62     1018.0     1016.0      8       8       5.6
## 1542    100      63     1020.4     1018.0      8       7       5.0
## 1543     99      72     1020.3     1016.0      8       8       8.5
## 1544    100      55     1018.1     1015.8      8      NA       6.9
## 1545     98      79     1014.1     1011.7     NA       8       6.1
## 1546     59      45     1016.9     1017.6     NA      NA      13.5
## 1547     75      40     1024.2     1021.8     NA      NA       7.8
## 1548    100      57     1026.6     1024.8      8      NA       4.6
## 1549    100      81     1029.2     1026.0      8      NA       5.5
## 1550    100      53     1030.5     1028.2      8      NA       5.3
## 1551     79      62     1031.6     1027.7     NA       1       9.9
## 1552    100      57     1030.3     1026.1      7       1       7.8
## 1553     98      91     1026.6     1024.9      8       8      11.2
## 1554    100      82     1026.2     1022.7      7       8      13.9
## 1555     99      98     1015.9     1011.5      8       8      14.6
## 1556     68      48     1013.4     1015.3      4      NA      12.3
## 1557     84      70     1024.6     1023.0     NA       8       5.6
## 1558    100      69     1027.8     1025.3      8      NA       5.5
## 1559    100      71     1025.0     1022.2      5      NA       8.1
## 1560    100      65     1021.9     1019.6     NA       8       8.5
## 1561     95      64     1020.1     1021.5      8       8      12.0
## 1562    100      65     1031.3     1029.3      1      NA       7.2
## 1563    100      71     1028.2     1024.6     NA       1       5.3
## 1564    100      80     1021.1     1019.6     NA       8       7.8
## 1565    100      67     1022.1     1017.8      8      NA       6.4
## 1566    100     100     1011.4     1008.4      8       8      10.0
## 1567     NA      93     1007.1     1005.5      8       8       NA
## 1568    100      90     1009.0     1009.4      8       8       7.2
## 1569     93      51     1016.8     1016.7     NA       1       5.7
## 1570     83      51     1018.7     1015.5     NA      NA       4.8
## 1571    100      83     1014.1     1011.9      8       7       4.5
## 1572    100      63     1016.5     1016.0      5       6       7.0
## 1573     89      52     1025.8     1024.1     NA      NA       4.7
## 1574     97      50     1026.3     1022.5     NA      NA       3.7
## 1575     97      60     1022.8     1019.9     NA      NA       3.4
## 1576     87      53     1026.1     1024.8     NA      NA       3.9
## 1577     89      51     1031.2     1027.8      3      NA       4.3
## 1578     84      85     1026.9     1023.2      8       8       7.8
## 1579     56      51     1023.0     1020.9     NA      NA      12.8
## 1580     81      51     1024.5     1021.8     NA      NA       6.5
## 1581     95      67     1024.3     1021.3     NA      NA       3.6
## 1582     92      59     1025.2     1022.4      5      NA       6.5
## 1583    100      60     1026.2     1023.7      1      NA       7.1
## 1584     97      54     1028.2     1025.8     NA      NA       6.3
## 1585    100      82     1026.8     1024.8      8       7       7.4
## 1586    100      65     1025.8     1023.9      1      NA      11.2
## 1587    100      69     1025.7     1022.2      8       5       5.2
## 1588     83      59     1016.4     1011.5      8       8       8.9
## 1589     73      56     1011.7     1014.0      8       1       9.0
```

```
## 1590      83       60     1021.6    1019.8     8       8     7.8
## 1591      91       74     1028.1    1027.4     8       6     8.2
## 1592     100       61     1033.4    1032.5     4       3     7.6
## 1593      90       55     1037.3    1033.3    NA      NA     5.2
## 1594      78       55     1033.7    1031.1    NA      NA     6.1
## 1595      84       60     1035.2    1032.0    NA      NA     6.6
## 1596     100       64     1032.0    1028.3     3       8     5.1
## 1597     100       74     1029.4    1026.1     5       6     8.0
## 1598     100       90     1025.2    1022.7     7       8    11.1
## 1599      86       89     1022.1    1020.9     8       8    13.7
## 1600     100       85     1024.6    1022.3     6       8    11.2
## 1601     100       78     1022.1    1018.8     8       8    13.1
## 1602      73       69     1019.1    1013.7    NA       1    16.1
## 1603      83       69     1010.3    1008.7     8       8    15.2
## 1604      89       78     1006.5    1005.2     8       8     9.7
## 1605      92       65     1016.6    1014.9     7       7     4.7
## 1606      76       73     1018.6    1017.5     6       8     7.6
## 1607     100       73     1023.7    1023.8     8       1     6.6
## 1608     100       56     1030.7    1028.9     7      NA     3.6
## 1609     100       73     1031.1    1028.4     8      NA     4.0
## 1610      98       63     1029.4    1027.2     8       7     5.9
## 1611     100       69     1030.1    1027.1     6      NA     5.1
## 1612      98       56     1027.5    1021.7    NA      NA     6.2
## 1613      87       70     1021.6    1018.5     7       8    12.4
## 1614     100       90     1021.4    1021.4     8       8     9.7
## 1615     100       72     1025.8    1023.4     8       2     5.6
## 1616     100       65     1024.3    1020.3     7       1     7.0
## 1617      87       55     1016.3    1012.1     8       8    10.1
## 1618      87       83     1018.6    1014.5     1       8     6.3
## 1619      89       62     1015.3    1015.6     8       3     8.4
## 1620      96       85     1017.6    1014.5     8       8     8.1
## 1621      74       68     1009.2    1010.0     8       8    12.5
## 1622      94       89     1014.4    1010.7     8       8     7.6
## 1623      81       55     1014.4    1015.0    NA      NA     8.4
## 1624      95       85     1019.8    1016.6     8       8     7.2
## 1625      95       62     1017.9    1016.7    NA      NA     9.6
## 1626     100       58     1019.2    1014.9     8       8     5.8
## 1627      94       54     1004.3    1006.0     8      NA    12.7
## 1628      79       57     1015.8    1014.9     8       8     9.1
## 1629      65       58     1011.6    1005.9    NA       8    11.8
## 1630      84       60     1022.8    1021.5    NA       8     6.5
## 1631     100       45     1021.4    1012.2     8      NA     6.4
## 1632      78       58     1010.9    1011.5     8       8    10.4
## 1633      79       43     1015.2    1009.7     8      NA     9.1
## 1634      85       72     1013.0    1011.1     8      NA     7.8
## 1635      86       63     1017.6    1016.2    NA       8     4.8
## 1636      94       67     1018.4    1015.5     8       8     6.4
## 1637      89       85     1012.6    1010.6     8       8     8.7
## 1638      94       94     1011.6    1011.9     8       8    10.1
## 1639     100       75     1023.3    1023.8     8       8     9.0
## 1640      87       64     1026.6    1024.4     8       8    11.8
## 1641      76       61     1025.9    1023.4     8       8    12.2
## 1642      91       60     1023.9    1019.7    NA      NA    10.6
## 1643      91       59     1022.1    1018.5    NA      NA    11.3
```

```
## 1644        84        51      1018.8      1011.4       5        1      15.0
## 1645        67        61      1016.5      1015.0      NA        7      14.9
## 1646        88        45      1022.3      1020.8      NA       NA      12.5
## 1647        80        53      1028.5      1025.8      NA       NA      12.1
## 1648        74        42      1031.7      1029.4      NA       NA      13.6
## 1649        80        51      1033.3      1029.8      NA       NA      14.7
## 1650        82        51      1031.8      1026.8      NA       NA      15.0
## 1651        79        51      1027.8      1024.5      NA        2      17.0
## 1652        82        61      1026.6      1023.4       8        8      16.7
## 1653        73        50      1024.9      1023.3       1       NA      15.2
## 1654        75        36      1027.2      1023.8      NA       NA      12.0
## 1655        73        47      1019.1      1010.2      NA       NA      12.6
## 1656        80        54      1008.1      1006.8       8       NA      14.1
## 1657        79        64      1013.7      1012.0       7        7       9.8
## 1658        81        50      1016.4      1014.8      NA       NA       9.7
## 1659        67        50      1018.9      1015.3      NA        8       7.9
## 1660        73        53      1015.1      1013.0      NA        8      12.9
## 1661        84        48      1018.6      1014.6      NA       NA      11.7
## 1662        93        99      1012.7      1006.8       7        7      10.9
## 1663       100        82      1002.2       999.6       8        8      13.4
## 1664        92        76      1003.0       999.6       8        8      13.3
## 1665        79        67      1008.7      1007.6       5        8       9.7
## 1666        87        72      1009.1      1010.7       8        6       9.4
## 1667       100        47      1016.8      1014.1       8       NA       9.7
## 1668        94        56      1015.5      1010.6       8       NA       9.6
## 1669        77        47      1011.0      1006.0      NA       NA      14.2
## 1670        63        47      1004.4      1005.2      NA       NA      16.9
## 1671        68        44      1009.0      1007.4       1       NA      18.0
## 1672        84        50      1006.6      1011.3       8        6      10.3
## 1673        74        43      1020.8      1015.5      NA       NA      10.7
## 1674        64        46      1013.7      1012.6      NA        8      12.8
## 1675        75        51      1018.6      1015.6      NA        1      11.6
## 1676        70        42      1014.4      1007.0      NA       NA      15.8
## 1677        87        56      1002.9      1008.0       8        8      16.3
## 1678        64        41      1014.2      1006.1      NA        7      13.3
## 1679        64        48      1016.3      1017.8      NA        4      11.3
## 1680        74        48      1024.0      1019.7      NA       NA      10.6
## 1681        83        50      1018.4      1013.2      NA       NA      12.5
## 1682        76        46      1009.1      1006.2      NA       NA      13.2
## 1683        77        51      1012.7      1011.0      NA        1      11.9
## 1684        69        48      1016.6      1016.1      NA        4      13.4
## 1685        83        45      1019.9      1015.2      NA       NA      11.9
## 1686        68        50      1007.7      1003.4      NA       NA      17.4
## 1687        73        52      1016.4      1015.8      NA        1      11.4
## 1688        78        38      1016.3      1010.9      NA       NA      12.0
## 1689        70        61      1001.9      1001.6      NA        8      14.6
## 1690        77        49      1018.4      1018.5       1        7       8.1
## 1691        81        42      1024.5      1020.9      NA        3       9.3
## 1692        75        21      1017.4      1009.8      NA       NA      11.2
## 1693        62        43      1006.3      1012.0       8        1      13.9
## 1694        72        40      1027.1      1025.3      NA       NA       8.6
## 1695        75        26      1027.2      1021.7      NA       NA      12.7
## 1696        67        29      1019.4      1014.6      NA       NA      13.9
## 1697        64        45      1013.7      1012.1      NA       NA      18.8
```

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## 1698      81      60      1011.1      1007.4      NA      2     19.1
## 1699      90      87      1008.4      1010.5      8       8     13.8
## 1700      62      37      1017.6      1019.2      6       8     10.1
## 1701      64      45      1025.5      1022.8      NA      7     10.0
## 1702      61      46      1024.2      1022.3      NA      2     12.9
## 1703      68      36      1023.8      1020.6      NA      NA    11.9
## 1704      65      50      1017.8      1012.1      NA      NA    16.0
## 1705      54      48      1009.6      1011.3      NA      8     17.9
## 1706      61      34      1020.4      1017.9      NA      NA    13.6
## 1707      70      28      1021.0      1018.8      NA      NA    14.9
## 1708      69      24      1022.2      1018.1      NA      NA    15.8
## 1709      65      45      1017.8      1015.0      NA      5     16.8
## 1710      67      34      1013.1      1016.0      NA      1     16.1
## 1711      46      33      1026.0      1024.6      NA      NA    11.9
## 1712      58      18      1027.9      1023.3      NA      NA    13.5
## 1713      58      13      1021.7      1016.1      NA      NA    16.8
## 1714      48      22      1014.9      1009.4      NA      2     18.8
## 1715      62      23      1006.4      1002.9      NA      NA    22.3
## 1716      62      35      1012.0      1011.9      NA      2     14.9
## 1717      52      50      1018.0      1015.8      8       1     14.0
## 1718      57      61      1020.7      1019.0      8       8     14.1
## 1719      75      65      1015.0      1011.4      8       8     14.3
## 1720      86      55      1015.7      1015.1      8       8     11.0
## 1721      69      48      1016.4      1014.9      5       7     14.4
## 1722      69      34      1016.5      1013.8      NA      4     13.4
## 1723      55      32      1016.0      1012.7      2       NA    17.4
## 1724      61      35      1017.6      1013.9      NA      1     16.7
## 1725      58      33      1016.2      1011.8      NA      NA    19.0
## 1726      55      24      1013.4      1008.5      NA      NA    19.8
## 1727      57      14      1009.9      1005.9      NA      NA    21.2
## 1728      63      50      1010.3      1007.7      6       1     19.5
## 1729      54      21      1007.6      1005.4      NA      NA    19.5
## 1730      54      36      1006.9      1004.2      NA      7     17.6
## 1731      58      29      1008.1      1005.7      NA      2     16.5
## 1732      50      30      1010.7      1009.3      NA      NA    19.4
## 1733      49      25      1016.7      1012.8      NA      NA    16.7
## 1734      58      22      1016.5      1012.6      NA      NA    19.8
## 1735      56      13      1008.3      1002.8      NA      1     23.1
## 1736      37      27      1008.6      1008.6      NA      2     19.1
## 1737      41      16      1018.9      1017.1      NA      NA    16.2
## 1738      46      23      1022.9      1019.8      NA      NA    20.6
## 1739      38      19      1020.4      1015.2      NA      NA    24.7
## 1740      47      15      1013.9      1009.3      NA      NA    25.8
## 1741      62      93      1004.0      1002.3      1       8     22.9
## 1742      90      60      1000.8      1001.3      8       6     10.1
## 1743      62      32      1015.4      1015.9      NA      2     11.8
## 1744      63      28      1020.9      1018.3      NA      NA    15.5
## 1745      55      20      1016.7      1011.3      NA      NA    18.4
## 1746      56      31      1006.2      1001.4      NA      1     22.1
## 1747      60      35      1008.7      1008.1      5       5     15.0
## 1748      43      33      1010.0      1008.8      1       5     17.5
## 1749      55      22      1012.6      1009.8      NA      NA    17.7
## 1750      47      29      1012.9      1010.5      NA      NA    19.6
## 1751      56      19      1014.9      1013.2      NA      NA    21.3
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## 1752        48        31        1018.0        1014.7        NA        NA        20.1
## 1753        51        28        1018.1        1015.1        NA        NA        23.2
## 1754        54        29        1019.5        1016.3        NA         4        24.7
## 1755        41        17        1020.2        1016.2        NA        NA        27.0
## 1756        34        17        1018.3        1013.5        NA        NA        29.9
## 1757        45        14        1015.1        1009.9        NA        NA        28.6
## 1758        40        12        1012.0        1008.0        NA        NA        26.9
## 1759        36        22        1007.7        1006.6        NA        NA        29.4
## 1760        93        68        1010.7        1011.0         8         3        18.3
## 1761        75        24        1017.8        1015.2        NA        NA        17.6
## 1762        64        44        1016.0        1013.3        NA        NA        20.3
## 1763        61        28        1013.4        1008.7        NA         1        22.4
## 1764        57        25        1011.1        1007.7        NA        NA        20.8
## 1765        57        18        1008.3        1003.7        NA        NA        23.2
## 1766        27        14        1011.8        1010.6        NA        NA        19.9
## 1767        50        18        1014.0        1010.4        NA        NA        20.3
## 1768        43        14        1013.3        1011.5        NA        NA        19.7
## 1769        56        38        1011.1        1008.6        NA         1        20.3
## 1770        61        22        1006.1        1005.8         1         1        22.3
## 1771        40        32        1003.1         999.1         8         8        22.3
## 1772        46        28        1006.8        1005.7        NA         4        16.8
## 1773        50        24        1009.4        1004.5        NA         1        18.7
## 1774        42        27        1013.2        1013.4        NA        NA        16.0
## 1775        43        23        1019.5        1016.4        NA        NA        16.7
## 1776        42        26        1021.0        1017.1        NA        NA        18.9
## 1777        48        38        1020.8        1019.1         8         1        21.1
## 1778        54        27        1020.5        1016.6        NA        NA        22.3
## 1779        55        26        1018.6        1014.9        NA        NA        24.7
## 1780        37        13        1016.4        1013.1        NA        NA        27.0
## 1781        46        17        1017.6        1013.8        NA        NA        26.4
## 1782        44        19        1018.3        1014.5        NA        NA        26.9
## 1783        47        15        1019.4        1015.1        NA        NA        28.7
## 1784        34        12        1016.6        1012.2        NA        NA        31.8
## 1785        37        11        1012.7        1007.9        NA        NA        29.6
## 1786        27        15        1008.9        1006.2        NA        NA        32.1
## 1787        50        21        1008.1        1003.9         1        NA        26.5
## 1788        55        25        1007.4        1004.5        NA        NA        24.5
## 1789        54        26        1008.6        1006.3        NA        NA        23.4
## 1790        43        20        1016.7        1014.7        NA        NA        21.4
## 1791        45        23        1020.0        1014.8        NA        NA        22.4
## 1792        84        86        1010.8        1006.7         8         8        20.5
## 1793        52        33        1014.3        1014.4        NA        NA        17.8
## 1794        53        24        1021.8        1019.5        NA        NA        18.1
## 1795        52        27        1021.4        1018.1        NA        NA        22.4
## 1796        63        22        1018.4        1013.4        NA        NA        22.7
## 1797        51        18        1015.2        1011.1        NA        NA        26.7
## 1798        49        17        1015.3        1012.0        NA        NA        26.6
## 1799        50        16        1011.8        1008.3        NA        NA        28.6
## 1800        51        15        1010.9        1007.4        NA        NA        28.0
## 1801        43        14        1010.1        1006.7        NA        NA        27.5
## 1802        34        17        1010.1        1006.7        NA        NA        30.8
## 1803        25        24        1014.3        1014.1        NA        NA        22.3
## 1804        45        26        1020.9        1017.2        NA        NA        19.9
## 1805        46        27        1018.4        1013.0        NA        NA        20.1
```

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## 1806       57        18      1014.5    1011.4      NA      NA      23.1
## 1807       49        13      1014.9    1011.4      NA      NA      25.3
## 1808       31        10      1014.7    1010.4      NA      NA      29.4
## 1809       46        19      1015.2    1012.3      NA      NA      23.5
## 1810       56        17      1014.5    1010.6      NA      NA      20.2
## 1811       54        24      1013.8    1011.4      NA      NA      22.2
## 1812       57        39      1012.1    1009.1      NA      NA      24.9
## 1813       62        33      1006.1    1003.5      NA      NA      24.0
## 1814       99        98       998.9     994.8       8       8      20.1
## 1815       76        34      1001.4    1001.2      NA      NA      22.5
## 1816       61        33      1013.0    1010.4      NA      NA      18.6
## 1817       72        32      1010.2    1005.8       4       2      19.4
## 1818       63        31      1000.7     996.2       2      NA      23.5
## 1819       80        30      1010.1    1011.4       8       1      13.6
## 1820       59        33      1018.7    1016.5      NA      NA      14.3
## 1821       68        32      1020.2    1017.8      NA      NA      17.5
## 1822       53        32      1021.4    1018.1      NA      NA      19.1
## 1823       61        27      1019.6    1015.9      NA      NA      19.9
## 1824       63        23      1014.3    1008.9      NA       6      20.6
## 1825       74        45      1009.5    1008.1      NA       8      20.2
## 1826       66        25      1016.7    1014.9      NA      NA      17.5
## 1827       58        47      1020.2    1019.2       2       8      19.6
## 1828       94        54      1020.9    1018.0       8       6      18.5
## 1829       83        36      1020.5    1018.4       1      NA      19.0
## 1830       68        33      1024.0    1021.1      NA      NA      19.8
## 1831       63        34      1024.5    1019.9      NA       1      21.2
## 1832       76        44      1017.2    1013.9       1       7      22.1
## 1833       76        35      1017.0    1014.4       6       3      21.6
## 1834       60        22      1020.1    1018.4      NA      NA      16.5
## 1835       59        25      1020.8    1017.4      NA       1      20.5
## 1836       62        33      1021.3    1017.4      NA       2      19.3
## 1837       62        29      1022.1    1018.8      NA      NA      20.8
## 1838       59        27      1021.2    1017.2       4      NA      22.5
## 1839       90        33      1017.9    1015.2       8       1      20.0
## 1840       77        42      1018.8    1015.3      NA      NA      15.4
## 1841       68        18      1015.5    1011.7      NA      NA      18.9
## 1842       59        28      1009.8    1004.5      NA       8      17.7
## 1843       70        38      1007.9    1008.0      NA       8      14.4
## 1844       77        47      1016.4    1015.1       8       8      14.9
## 1845       87        42      1020.4    1019.7       6       1      17.0
## 1846       70        25      1025.1    1022.7      NA      NA      16.5
## 1847       59        31      1025.6    1020.6      NA       1      16.0
## 1848       54        56      1019.1    1015.1      NA       8      23.8
## 1849       85        30      1017.1    1016.2      NA      NA      18.0
## 1850       81        33      1017.6    1015.7      NA      NA      13.5
## 1851       78        49      1017.3    1017.0      NA       4      13.8
## 1852       79        45      1021.1    1019.6       3      NA      17.2
## 1853       83        78      1023.8    1021.4       8       8      17.4
## 1854      100        68      1018.7    1016.1       8       8      18.3
## 1855       92        56      1016.1    1013.1       8       1      19.2
## 1856       81        60      1016.9    1015.5      NA      NA      17.7
## 1857       86        98      1020.4    1020.8       5       8      18.3
## 1858      100        50      1021.8    1018.8       8      NA      14.9
## 1859       90        51      1019.8    1016.7       1      NA      17.2
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## 1860          86          46     1017.2     1014.2        NA        NA     17.7
## 1861          94          81     1016.7     1016.9         8         8     19.1
## 1862          95          88     1019.0     1017.7         8         8     14.9
## 1863         100          67     1020.3     1018.9         8         7     16.0
## 1864          65          43     1023.1     1020.8        NA        NA     17.9
## 1865          79          41     1025.3     1021.2         5         1     16.5
## 1866          78          48     1023.2     1018.8        NA         5     16.6
## 1867          96          85     1021.2     1018.4         8         8     16.1
## 1868         100         100     1015.2     1010.5         8         8     16.5
## 1869         100          68     1007.2     1005.8         8         8     17.5
## 1870          69          46     1015.2     1014.7        NA        NA     17.1
## 1871          61          48     1019.4     1016.3        NA        NA     16.8
## 1872          57          43     1021.6     1019.2        NA        NA     16.2
## 1873          63          41     1023.0     1019.6        NA        NA     13.7
## 1874          73          47     1021.8     1018.8        NA        NA     14.2
## 1875          75          47     1022.0     1019.3        NA        NA     13.9
## 1876          89          57     1018.4     1014.3         8         8     12.6
## 1877          70          47     1019.8     1016.7        NA         1     10.4
## 1878          86          49     1020.2     1018.1         4         7     10.6
## 1879          80          55     1022.8     1019.6        NA        NA     10.0
## 1880          78          48     1019.3     1015.0        NA         1     13.3
## 1881          82          52     1017.3     1013.9         3         1     16.6
## 1882          78          56     1016.1     1015.4        NA         6     14.2
## 1883          71          51     1021.6     1015.4        NA         1     11.2
## 1884          90          46     1014.9     1012.5         7         1     14.7
## 1885          73          57     1022.4     1020.5        NA        NA     12.6
## 1886          84          60     1024.3     1019.7         5        NA     12.1
## 1887          94          65     1016.3     1009.7         8         8     14.8
## 1888          89          58     1016.2     1015.7         8         2     11.9
## 1889          72          58     1018.4     1014.0        NA         5     10.9
## 1890          83          52     1008.4     1002.3         8         8      8.5
## 1891          96          82      998.4      998.4         7         6      9.5
## 1892          77          53     1006.7     1009.2         3         4      9.9
## 1893          78          60     1020.3     1020.0         8         8     11.2
## 1894          97          56     1023.8     1021.8         7        NA     11.0
## 1895          77          45     1026.0     1024.2        NA        NA      8.8
## 1896          67          47     1028.6     1024.9        NA        NA      9.0
## 1897          74          61     1026.0     1021.7         5         1      8.9
## 1898          99          97     1021.9     1019.0         7         7     11.6
## 1899         100          71     1025.0     1024.7         6        NA     11.3
## 1900         100          66     1031.5     1029.1         5        NA      8.8
## 1901          98          65     1030.9     1027.6         6        NA      9.6
## 1902          88          65     1029.1     1025.6         6         8      9.8
## 1903          99          62     1028.2     1025.3         8         8     10.7
## 1904          85          61     1030.2     1027.9        NA        NA     12.9
## 1905          87          66     1029.7     1026.2         4         1     12.9
## 1906          98          70     1028.7     1025.5         7         8     11.3
## 1907          95          68     1026.2     1022.6         8         1     11.3
## 1908         100          68     1023.0     1020.7         8         8     13.9
## 1909         100          77     1025.2     1022.8         8         6     11.9
## 1910          NA          72     1023.5     1019.0         8         4       NA
## 1911         100          80     1017.8     1014.4         3         8     12.2
## 1912         100          72     1017.5     1015.7         7         3     13.9
## 1913         100          77     1020.1     1018.0         1         2     11.5
```

```
## 1914      NA      71    1022.6    1018.7     8     NA      NA
## 1915      68      95    1012.2    1006.4     7      8    17.4
## 1916      93      88    1014.4    1015.9     7      8    11.9
## 1917     100      64    1025.0    1023.5     8      1    11.0
## 1918      84      59    1026.9    1023.9     1     NA    10.7
## 1919      98      67    1024.2    1019.4     6      8    10.0
## 1920      95      95    1018.2    1017.9     8      8    12.7
## 1921      99      79    1018.9    1016.8     8      2    11.4
## 1922      89      82    1019.3    1019.0     8      8    11.6
## 1923     100      80    1026.2    1025.6     8     NA    11.8
## 1924      99      77    1029.1    1026.5    NA      8    10.2
## 1925      82      54    1029.5    1027.3    NA     NA     9.7
## 1926      86      65    1030.8    1027.7    NA     NA     7.1
## 1927      89      54    1030.5    1028.9    NA     NA     6.0
## 1928      82      54    1032.1    1029.7    NA     NA     5.8
## 1929      82      61    1033.5    1028.9    NA     NA     7.1
## 1930     100      70    1028.4    1023.0     3     NA     6.7
## 1931      98      63    1021.2    1017.7     4     NA     7.9
## 1932     100     100    1016.1    1013.2     8      8    10.3
## 1933      NA      77    1013.8    1011.7     7      7      NA
## 1934     100      53    1015.4    1015.4     7     NA     6.7
## 1935     100      98    1023.8    1021.8     7      8     5.7
## 1936      95      77    1027.9    1028.7     7      1     8.7
## 1937     100      84    1032.5    1030.2     8      4     6.4
## 1938      96      83    1028.4    1024.0     8     NA     6.9
## 1939     100      60    1019.1    1015.8    NA      4     7.3
## 1940      97      75    1020.5    1019.8     8     NA     9.6
## 1941     100      79    1024.6    1020.5     8     NA     7.3
## 1942      80      86    1011.3    1003.0     8      8    11.9
## 1943      95      70    1004.1    1002.1     8      8     5.8
## 1944      86      73    1015.0    1016.0     8      8     9.8
## 1945      91      63    1020.1    1019.9     8     NA    11.0
## 1946      85      69    1019.7    1013.8     8     NA    10.6
## 1947      78      74    1002.0     998.9     2      7     9.6
## 1948      98      84    1004.9    1006.3     8      8     7.5
## 1949      97      73    1019.9    1020.3     1      8     4.9
## 1950     100      80    1027.8    1028.2     8      8     7.8
## 1951     100      78    1030.8    1028.3     8     NA     6.5
## 1952     100      68    1028.8    1024.8     7      1     6.1
## 1953     100      67    1021.8    1017.0     8      1     4.1
## 1954      93      85    1016.3    1015.9     8      8     8.6
## 1955      94      89    1016.2    1015.1     8      8     7.5
## 1956     100      77    1018.4    1016.5     3      8     6.6
## 1957      93      70    1016.7    1011.6     8      8     8.3
## 1958      89      87    1003.2     998.8     7      8     6.9
## 1959      87      91    1008.7    1010.6     3      8     7.8
## 1960      91      86    1021.0    1019.5     8      8     7.7
## 1961      98      59    1019.6    1020.6     8      6     7.8
## 1962     100      62    1031.9    1030.5     3     NA     2.0
## 1963     100      54    1034.0    1029.8     3      8     3.7
## 1964      96      90    1022.7    1018.1     8      8     6.0
## 1965     100      69    1014.0    1013.2    NA      8     9.6
## 1966      86      56    1013.0    1011.7     8      3     8.9
## 1967      87      50    1017.7    1019.4    NA     NA     5.1
```

## 1968	93	56	1027.4	1026.4	NA	NA	2.2
## 1969	90	50	1029.0	1026.6	NA	NA	2.5
## 1970	100	58	1027.5	1024.1	4	1	3.4
## 1971	89	54	1026.6	1023.7	NA	NA	3.3
## 1972	93	63	1026.0	1021.1	NA	4	3.4
## 1973	96	79	1019.8	1016.4	8	7	5.5
## 1974	100	61	1021.0	1019.5	8	4	8.1
## 1975	100	77	1025.4	1023.9	8	7	6.7
## 1976	100	83	1027.3	1025.2	8	7	7.6
## 1977	100	66	1022.5	1018.4	8	1	4.8
## 1978	100	58	1018.4	1015.1	7	7	7.9
## 1979	84	78	1017.7	1016.2	8	8	12.9
## 1980	63	37	1012.1	1003.7	NA	NA	11.8
## 1981	85	81	1010.3	1010.4	8	3	5.9
## 1982	89	56	1029.1	1029.7	NA	NA	3.2
## 1983	84	44	1035.5	1032.6	NA	NA	2.6
## 1984	79	48	1035.6	1032.0	NA	NA	3.5
## 1985	94	56	1035.9	1032.6	6	NA	2.2
## 1986	100	81	1035.0	1031.5	8	8	3.7
## 1987	92	63	1032.2	1029.4	8	8	8.8
## 1988	100	73	1032.6	1030.3	8	8	6.7
## 1989	100	64	1031.6	1027.5	8	8	6.6
## 1990	95	49	1023.3	1022.3	2	1	9.0
## 1991	81	41	1029.0	1027.3	7	6	4.6
## 1992	65	35	1032.5	1030.1	NA	NA	5.2
## 1993	76	42	1035.0	1032.3	NA	NA	4.5
## 1994	79	48	1035.9	1032.8	NA	NA	6.1
## 1995	83	51	1031.7	1025.7	NA	NA	7.0
## 1996	87	64	1022.7	1018.1	2	8	7.1
## 1997	75	89	1013.9	1011.5	8	8	10.6
## 1998	81	52	1013.6	1013.2	7	8	11.1
## 1999	86	54	1020.8	1019.8	4	6	10.3
## 2000	75	57	1026.6	1024.8	NA	NA	7.6
## 2001	81	48	1030.7	1027.7	NA	NA	9.1
## 2002	77	46	1032.6	1028.5	NA	NA	9.2
## 2003	74	51	1031.5	1027.4	NA	NA	9.9
## 2004	93	67	1028.8	1025.6	8	8	9.4
## 2005	100	47	1027.3	1024.1	8	7	6.8
## 2006	63	39	1026.2	1024.1	4	3	14.7
## 2007	72	43	1028.2	1025.5	NA	NA	11.6
## 2008	75	45	1030.4	1027.1	NA	NA	9.8
## 2009	79	52	1029.6	1025.3	NA	NA	9.2
## 2010	79	52	1027.4	1022.9	NA	NA	10.0
## 2011	81	54	1023.1	1017.8	NA	4	10.1
## 2012	83	40	1014.7	1008.8	8	8	11.5
## 2013	79	73	1014.3	1014.6	2	8	10.8
## 2014	71	48	1021.3	1017.4	NA	NA	7.7
## 2015	70	49	1020.1	1017.2	5	7	8.2
## 2016	68	45	1025.0	1023.1	NA	NA	11.6
## 2017	72	41	1031.2	1027.8	NA	NA	10.1
## 2018	77	41	1031.4	1026.2	NA	NA	10.4
## 2019	73	47	1026.7	1019.7	NA	3	12.0
## 2020	66	82	1013.2	1006.8	8	6	15.1
## 2021	85	63	1012.0	1013.2	4	8	11.6

```
## 2022      70     61    1018.2    1017.4      7      8    14.0
## 2023      73     41    1025.9    1023.9     NA     NA     9.9
## 2024      77     51    1026.7    1022.4     NA      1    10.2
## 2025     100     47    1022.0    1018.4      8      3     8.9
## 2026      81     46    1017.6    1012.2      5      8    12.0
## 2027      68     64    1009.7    1008.4      3      8    13.6
## 2028      74     54    1015.0    1013.9      3      5    11.7
## 2029      76     52    1022.0    1020.5     NA      4     8.5
## 2030      77     52    1024.5    1021.0     NA     NA     8.9
## 2031      67     47    1025.6    1023.6     NA     NA    11.5
## 2032      67     43    1030.6    1027.5     NA     NA    12.2
## 2033      NA     NA        NA        NA     NA     NA      NA
## 2034      NA     32        NA    1024.0     NA     NA      NA
## 2035      88     59    1021.3    1015.2      8      1    13.0
## 2036      93     60    1013.1    1012.8      8      2    13.5
## 2037      93     67    1018.2    1016.9      8      1    10.1
## 2038      82     51    1022.3    1020.0     NA      3    12.4
## 2039      77     53    1021.4    1013.9     NA     NA    14.6
## 2040      49     48    1015.5    1014.0     NA     NA    16.8
## 2041      76     39    1013.6    1008.7     NA      2    15.0
## 2042      64     43    1022.7    1021.6     NA      2    10.0
## 2043      65     54    1024.2    1020.7     NA     NA    11.2
## 2044      80     38    1020.9    1017.1     NA     NA    10.7
## 2045      73     43    1019.3    1015.6     NA     NA    15.3
## 2046      83     39    1016.9    1013.4      8     NA    12.9
## 2047      73     27    1013.3    1006.9      8      7    16.3
## 2048      76     50    1011.9    1012.8      8      8    13.9
## 2049      69     48    1021.1    1020.0     NA      4    11.5
## 2050      78     41    1023.8    1019.7     NA     NA    11.9
## 2051      82     49    1018.5    1014.8      4      6    11.5
## 2052      70     46    1016.4    1013.3     NA     NA    14.7
## 2053      67     32    1013.9    1007.5     NA      8    16.1
## 2054      79     56    1006.9    1007.5      7      5    16.5
## 2055      87     61    1013.5    1015.7      7      8     9.6
## 2056      73     42    1018.9    1016.2     NA      1     9.7
## 2057      70     44    1019.5    1018.3     NA      2    10.0
## 2058      60     38    1025.4    1024.1     NA     NA    12.2
## 2059      75     37    1029.1    1025.5     NA     NA    12.8
## 2060      67     43    1026.7    1022.3      8     NA    15.3
## 2061      58     38    1024.8    1022.6     NA     NA    18.1
## 2062      69     42    1028.3    1024.7     NA     NA    16.2
## 2063      76     43    1023.9    1018.7      2     NA    17.0
## 2064      70     31    1017.6    1013.6      6      2    20.3
## 2065      44     25    1014.4    1010.4     NA      8    25.1
## 2066      62     30    1016.1    1011.8     NA     NA    19.8
## 2067      70     28    1011.5    1010.3     NA      3    19.4
## 2068      81     52    1005.5    1006.8      4      5    16.1
## 2069      62     47    1015.2    1013.8     NA      8    11.9
## 2070      59     32    1018.8    1015.6     NA     NA    13.2
## 2071      67     24    1015.8    1012.0     NA     NA    16.1
## 2072      60     19    1012.0    1005.2     NA      8    17.0
## 2073      43     37    1002.3    1005.0      8      1    21.5
## 2074      63     38    1020.8    1021.0     NA      1    10.5
## 2075      65     20    1024.4    1021.2     NA     NA    13.4
```

```
## 2076       63          18          1020.9       1015.5         6          7        15.7
## 2077       71          34          1013.3       1012.1         7          NA       15.8
## 2078       62          25          1015.5       1013.0         2          2        15.7
## 2079       52          27          1019.1       1016.8        NA          NA       17.0
## 2080       59          16          1019.8       1014.5        NA          NA       19.4
## 2081       52          20          1016.1       1015.0        NA          NA       22.1
## 2082       57          16          1018.5       1015.6        NA          NA       18.7
## 2083       43          24          1019.2       1015.5        NA          NA       18.5
## 2084       59          29          1017.5       1013.0        NA          NA       18.5
## 2085       54          15          1015.2       1011.3        NA          NA       21.0
## 2086       47          15          1009.1       1006.9         2          8        23.5
## 2087       61          37          1008.9       1008.9         8          8        19.2
## 2088       89          52          1004.5       1007.3         8          6        14.6
## 2089       59          41          1015.0       1014.7        NA          8        16.1
## 2090       64          25          1018.7       1016.9        NA          NA       16.2
## 2091       65          19          1019.6       1015.2        NA          NA       17.7
## 2092       57          13          1012.7       1006.2         5          7        18.7
## 2093       57          28          1009.2       1008.7         8          NA       23.5
## 2094       58          21          1013.0       1010.1        NA          2        20.1
## 2095       64          25          1011.3       1008.7        NA          NA       23.3
## 2096       52          81          1012.5       1008.9         8          8        25.6
## 2097       63          34          1018.2       1017.6         1          1        14.3
## 2098       62          34          1019.9       1017.2         2          NA       16.3
## 2099       50          24          1021.3       1018.6        NA          NA       19.4
## 2100       57          32          1021.8       1017.3        NA          NA       19.5
## 2101       53          29          1016.4       1011.2         2          NA       22.4
## 2102       49          36          1011.2       1006.8         6          8        24.9
## 2103       55          69          1008.7       1004.1         6          8        25.4
## 2104       76          21          1009.5       1007.1        NA          NA       22.2
## 2105       70          67          1011.8       1011.7         7          7        19.0
## 2106       80          48          1011.0       1007.2         8          NA       22.1
## 2107       59          69          1007.0       1003.0        NA          8        23.2
## 2108       65          59          1005.0       1003.7         3          8        21.5
## 2109       73          78          1005.6       1004.2         8          7        18.3
## 2110       74          42          1007.5       1007.0        NA          5        20.9
## 2111       67          32          1013.3       1010.8        NA          1        21.1
## 2112       72          37          1012.4       1007.5         8          7        19.7
## 2113       64          52          1009.7       1010.6         5          8        20.4
## 2114       46          35          1019.1       1017.1        NA          NA       20.7
## 2115       44          32          1018.5       1012.6        NA          NA       19.8
## 2116       62          34          1012.7       1009.4         5          8        20.1
## 2117       51          18          1008.8       1004.3        NA          8        23.1
## 2118       38          11           997.8        996.9         2          NA       28.4
## 2119       39          20          1006.8       1005.6        NA          NA       16.8
## 2120       50          19          1007.9       1004.9        NA          3        19.2
## 2121       50          27          1013.9       1012.8        NA          NA       17.4
## 2122       51          28          1017.2       1014.2        NA          NA       18.7
## 2123       55          23          1016.1       1012.4        NA          1        22.9
## 2124       47          50          1012.9       1010.0        NA          8        25.7
## 2125       68          27          1010.8       1007.0         8          2        23.9
## 2126       66          30          1011.3       1008.6        NA          NA       25.1
## 2127       62          25          1009.0       1005.2         4          NA       21.9
## 2128       42          23          1012.4       1012.1        NA          NA       16.6
## 2129       52          26          1019.3       1016.2        NA          NA       18.9
```

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## 2130        52        30        1016.3        1010.3        2        8        22.7
## 2131        51        15        1005.7         998.7       NA        3        25.2
## 2132        47        30        1009.9        1008.6       NA        3        17.3
## 2133        46        12        1013.7        1011.9       NA       NA        17.7
## 2134        45        14        1013.5        1011.0       NA       NA        21.0
## 2135        45        12        1016.0        1012.4       NA       NA        25.6
## 2136        35        19        1017.9        1012.3       NA       NA        29.2
## 2137        46        37        1013.6        1012.1        8        5        27.4
## 2138        60        34        1017.4        1014.7        8       NA        25.6
## 2139        54        25        1019.1        1016.0       NA       NA        27.3
## 2140        54        29        1018.0        1013.3        2       NA        26.4
## 2141        45        55        1012.4        1007.6       NA        8        28.7
## 2142        94        65        1009.0        1007.4        7        8        20.8
## 2143        97        95        1010.9        1010.3        8        8        20.3
## 2144        83        49        1012.5        1010.0        8       NA        20.8
## 2145        55        33        1013.5        1009.3       NA       NA        23.6
## 2146        47        95        1006.7        1000.9        7        8        24.1
## 2147        96        53        1000.4        1000.2        8        8        18.3
## 2148        69        39        1006.4        1004.5       NA       NA        18.5
## 2149        63        31        1010.2        1007.4       NA       NA        17.7
## 2150        57        35        1010.0        1008.8       NA       NA        19.9
## 2151        56        28        1012.8        1011.0       NA       NA        19.1
## 2152        45        28        1013.3        1010.5       NA       NA        18.8
## 2153        50        34        1009.7        1005.5       NA        3        23.0
## 2154        75        49        1009.8        1009.2        7        6        20.7
## 2155        64        37        1012.7        1008.2       NA        1        24.0
## 2156        56        33        1007.6        1002.8        2        8        26.2
## 2157        76        46        1005.4        1002.8        8        8        24.3
## 2158        50        31        1005.6        1005.2       NA       NA        21.5
## 2159        59        27        1012.8        1010.6       NA       NA        17.8
## 2160        56        42        1012.4        1009.0        8       NA        19.3
## 2161        53        34        1013.9        1012.2        3        2        20.7
## 2162        48        31        1016.2        1012.8       NA        2        17.8
## 2163        49        37        1012.8        1009.7       NA        7        16.3
## 2164        59        36        1009.4        1006.9       NA        5        16.4
## 2165        62        34        1009.4        1007.6        8       NA        19.1
## 2166        48        32        1015.4        1014.5       NA       NA        20.3
## 2167        54        36        1020.2        1016.1       NA        1        20.2
## 2168        42        34        1014.4        1012.2       NA        8        20.4
## 2169        57        33        1021.5        1019.9       NA       NA        20.4
## 2170        58        35        1026.1        1022.1       NA       NA        22.4
## 2171        53        26        1023.8        1019.6       NA       NA        24.1
## 2172        74        21        1018.7        1014.9        8        3        22.3
## 2173        53        23        1019.9        1017.2       NA        1        23.7
## 2174        54        35        1021.8        1018.7       NA        6        23.9
## 2175        62        30        1020.5        1016.5       NA       NA        25.8
## 2176        74        37        1021.4        1018.6       NA       NA        20.9
## 2177        69        34        1022.9        1019.4       NA       NA        23.1
## 2178        63        96        1019.6        1018.0        8        7        22.4
## 2179        86        43        1016.5        1014.1        1        1        20.2
## 2180        73        31        1015.4        1012.2        2       NA        22.6
## 2181        66        27        1014.1        1012.4       NA        8        25.2
## 2182        76        53        1018.2        1016.4        7        8        20.8
## 2183        79        36        1018.6        1015.0       NA        3        22.2
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## 2184    67    29    1016.6    1013.4    NA    1    23.7
## 2185    55    25    1015.4    1012.0    NA    NA    23.2
## 2186    61    32    1015.9    1013.1    NA    NA    23.2
## 2187    65    33    1014.6    1010.0    NA    1    23.8
## 2188    74    49    1014.4    1013.0    NA    8    21.8
## 2189    60    44    1014.3    1010.8    1    5    21.6
## 2190    71    50    1009.4    1007.1    7    NA    20.1
## 2191    76    28    1009.5    1007.4    NA    NA    19.6
## 2192    65    16    1008.4    1004.9    8    3    20.7
## 2193    94    29    1007.5    1008.8    8    NA    19.4
## 2194    54    27    1017.4    1013.4    NA    7    16.6
## 2195    59    33    1014.5    1011.9    8    5    19.8
## 2196    51    13    1014.2    1010.7    NA    NA    17.6
## 2197    40    24    1012.0    1012.5    NA    NA    15.7
## 2198    55    49    1011.5    1010.0    8    8    14.7
## 2199    74    48    1012.6    1010.3    NA    8    15.0
## 2200    70    27    1013.0    1009.5    1    NA    16.2
## 2201    64    25    1013.1    1011.4    NA    NA    17.6
## 2202    65    19    1017.0    1014.6    NA    NA    17.1
## 2203    58    19    1017.4    1013.3    NA    NA    15.0
## 2204    58    18    1015.9    1013.4    NA    NA    15.8
## 2205    49    33    1019.6    1016.8    NA    NA    16.9
## 2206    68    36    1019.5    1013.3    NA    4    15.3
## 2207    51    17    1011.3    1011.3    NA    NA    19.8
## 2208    61    28    1016.7    1012.7    NA    NA    14.8
## 2209    63    27    1011.3    1007.0    8    7    16.8
## 2210    78    40    1004.9    1004.6    NA    1    20.1
## 2211    78    28    1011.9    1007.9    NA    NA    16.6
## 2212    57    31    1013.3    1014.2    3    NA    18.7
## 2213    52    31    1023.9    1021.8    NA    NA    15.8
## 2214    61    30    1022.7    1017.7    NA    1    16.4
## 2215    61    35    1013.7    1008.6    5    7    22.0
## 2216    75    33    1012.2    1010.8    2    1    16.1
## 2217    70    34    1017.3    1014.5    NA    5    13.1
## 2218    58    33    1019.2    1019.2    8    2    12.9
## 2219    72    40    1023.0    1021.0    NA    8    12.2
## 2220    76    26    1024.4    1021.7    NA    NA    10.1
## 2221    63    27    1023.8    1021.3    NA    NA    11.6
## 2222    70    26    1025.1    1022.0    7    NA    12.5
## 2223    65    23    1026.6    1022.3    NA    NA    13.7
## 2224    61    35    1023.1    1017.7    NA    2    15.1
## 2225    57    23    1016.7    1016.7    8    6    21.3
## 2226    53    26    1022.4    1019.3    NA    NA    12.7
## 2227    57    51    1019.8    1016.3    7    8    16.3
## 2228    85    42    1012.7    1007.5    8    NA    17.9
## 2229    68    44    1007.3    1005.0    7    6    15.6
## 2230    83    60    1008.3    1006.8    7    8    14.2
## 2231    63    30    1017.2    1018.3    6    NA    14.6
## 2232    53    36    1024.0    1021.1    NA    NA    14.6
## 2233    59    34    1025.8    1022.1    NA    NA    15.2
## 2234    66    42    1023.7    1018.8    4    1    16.0
## 2235    67    31    1020.1    1017.1    7    NA    16.3
## 2236    64    35    1022.7    1018.8    NA    NA    15.4
## 2237    77    53    1022.3    1019.6    7    8    14.1
```

```
## 2238      85      62    1022.1    1019.3       8       6    16.1
## 2239      86      41    1023.0    1020.6      NA      NA    16.3
## 2240      82      98    1023.8    1019.1       8       8    15.8
## 2241      94      98    1015.9    1012.3       8       8    17.5
## 2242      71      49    1021.1    1023.1       3       7    12.6
## 2243      45      40    1031.0    1028.4      NA      NA    13.1
## 2244      51      40    1028.1    1024.7      NA      NA    15.3
## 2245      63      44    1020.8    1017.2      NA       8    15.8
## 2246      83      53    1014.6    1009.9       8       8    15.2
## 2247      94      56    1007.2    1005.3       8       8    16.0
## 2248      97      71    1008.1    1006.8       8       5    12.8
## 2249     100      48    1014.1    1013.7       8       5     9.2
## 2250      78      47    1022.1    1020.7       1       5    11.2
## 2251      77      38    1027.3    1025.1      NA      NA    11.1
## 2252      70      35    1031.0    1027.8      NA      NA    11.5
## 2253      74      42    1031.2    1027.2       4      NA    11.4
## 2254      71      38    1028.6    1024.1      NA      NA    13.5
## 2255      84      60    1022.5    1017.6      NA       7    11.7
## 2256      85      37    1019.1    1015.6      NA      NA    13.5
## 2257      80      37    1017.5    1013.3      NA      NA    12.4
## 2258      86      36    1005.9    1005.2       8       8    11.9
## 2259      73      55    1017.9    1017.0      NA       7     9.1
## 2260      84      58    1021.1    1019.3       8       6     9.7
## 2261      74      62    1022.6    1020.0       8       8    10.1
## 2262      91      71    1018.6    1015.9       8       8    11.8
## 2263      87      83    1009.6    1005.4       8       8    10.6
## 2264      97      52    1011.9    1013.2       8       8    12.4
## 2265      91      64    1015.4    1012.1       8       8    12.2
## 2266      79      48    1020.8    1022.4       5       2     6.1
## 2267      84      55    1029.9    1028.7      NA       7     7.6
## 2268     100      53    1034.4    1031.9       8      NA     6.0
## 2269      86      53    1037.4    1033.5      NA      NA     8.8
## 2270      99      54    1036.6    1032.2      NA      NA     8.6
## 2271      99      47    1031.8    1025.8      NA      NA     6.6
## 2272      95      95    1017.6    1011.8       8       8    10.4
## 2273      89      69    1014.4    1014.5       8       8    14.9
## 2274      85      65    1020.9    1019.7      NA       7    11.5
## 2275      61      48    1025.4    1025.1      NA      NA    12.5
## 2276      82      49    1031.8    1029.4      NA      NA     6.1
## 2277      99      65    1033.3    1030.6      NA       1     3.5
## 2278      96      58    1033.1    1029.9      NA       8     6.9
## 2279      77      68    1030.9    1026.9      NA       8     6.9
## 2280     100      74    1025.2    1022.3       7       8     8.8
## 2281      96      70    1022.7    1018.1       8       4    11.7
## 2282     100      64    1022.6    1021.8       1       7    11.0
## 2283      95      52    1024.0    1020.2       8       8     8.8
## 2284      80      64    1018.4    1013.9       8       7     9.6
## 2285      75      52    1021.5    1022.4      NA       7     6.0
## 2286      83      48    1028.3    1025.3      NA      NA     3.2
## 2287      84      54    1025.7    1022.9      NA      NA     2.9
## 2288      99      76    1023.5    1018.6       8       8     2.6
## 2289      86      59    1022.1    1022.6       1      NA     7.1
## 2290     100      65    1031.4    1029.4       8      NA     3.3
## 2291     100      81    1030.4    1026.2       8       6     5.0
```

```
## 2292     100      54     1024.7    1020.0      8      NA     4.3
## 2293      83      50     1021.1    1023.2      8       2    12.2
## 2294      85      51     1033.4    1032.0     NA      NA     4.7
## 2295      75      52     1037.8    1034.2     NA      NA     6.5
## 2296      95      58     1035.6    1031.7     NA      NA     5.4
## 2297     100      67     1032.1    1027.7      7       6     5.1
## 2298     100      72     1029.3    1025.9      2       6     6.1
## 2299     100      70     1027.4    1023.5      4       8     5.9
## 2300     100     100     1019.9    1016.4      8       8    11.3
## 2301     100     100     1010.9    1009.1      8       8    12.2
## 2302     100     100     1016.2    1015.6      8       8    10.4
## 2303      78      54     1021.3    1020.2     NA       3     8.5
## 2304      80      53     1026.3    1025.3     NA      NA     3.6
## 2305      86      62     1030.0    1027.5     NA      NA     3.1
## 2306      99      74     1030.0    1026.4     NA       3     3.7
## 2307      98      58     1026.0    1021.9     NA       8     7.3
## 2308     100      91     1022.1    1020.6      8       8     9.8
## 2309     100      76     1026.1    1026.8      8       4     8.8
## 2310     100      69     1034.0    1032.0      8      NA     4.6
## 2311     100      68     1035.0    1032.2      7       5     6.1
## 2312      90      65     1034.3    1032.8      1       1     7.3
## 2313      99      66     1034.3    1030.1      8      NA     3.3
## 2314      99      85     1029.7    1028.0      8       8     5.0
## 2315      99      68     1029.5    1026.1      8      NA     5.3
## 2316      87      52     1022.4    1022.1     NA       1     6.9
## 2317      87      46     1029.0    1026.7     NA       4     2.5
## 2318      94      56     1026.3    1023.8      8       8     2.6
## 2319      91      59     1023.9    1020.8      8       8     3.6
## 2320      84      70     1019.2    1017.8      8       8     8.2
## 2321      83      54     1022.7    1022.0     NA      NA     7.6
## 2322      86      55     1028.9    1026.8     NA      NA     4.5
## 2323      92      61     1030.1    1025.3      3       2     3.3
## 2324      94      69     1020.4    1017.2      8       8     9.0
## 2325      85      80     1012.0    1005.2      7       8    11.2
## 2326      95      81     1005.9    1004.3      8       8     5.9
## 2327      78      64     1008.2    1009.1      8      NA    11.3
## 2328      78      63     1014.9    1014.1     NA       8     6.5
## 2329      96      93     1016.6    1017.1      8       8     4.7
## 2330      90      67     1020.1    1017.3      8      NA     5.8
## 2331      88      66     1019.1    1019.3     NA       3     3.6
## 2332      90      46     1029.5    1028.9     NA      NA     2.9
## 2333      83      52     1034.7    1032.1     NA      NA     3.0
## 2334      93      58     1035.3    1031.5      4      NA     2.6
## 2335      95      56     1032.4    1026.3      8       7     4.6
## 2336      89      83     1023.2    1022.5      8       8    10.4
## 2337      95      58     1027.1    1023.4      8      NA     9.2
## 2338      94      88     1018.1    1012.9     NA       8     6.5
## 2339      82      55     1019.0    1017.1      8       1     9.2
## 2340      87      55     1016.5    1017.1      8       8     8.6
## 2341      87      70     1029.1    1029.3     NA       8     3.3
## 2342      86      67     1036.0    1033.5      7       8     6.3
## 2343      99      73     1035.6    1031.2      8       8     4.5
## 2344      90      64     1026.0    1021.1      6       8     7.1
## 2345      78      55     1021.4    1019.8     NA      NA     9.7
```

```
## 2346     99     98     1015.4     1014.8     7      7      8.8
## 2347     99     60     1013.4     1014.6     8      8      8.7
## 2348     85     51     1017.7     1018.6     8     NA      8.3
## 2349     85     55     1025.1     1021.9    NA      8      2.5
## 2350     94     71     1014.2     1012.2     8      2      7.2
## 2351     87     73     1019.9     1020.6     8      8      5.2
## 2352    100     67     1025.6     1023.7     8      8      7.6
## 2353     99     64     1026.2     1023.3     8      1      5.1
## 2354    100     74     1024.3     1019.8     8      8      4.9
## 2355     99     58     1016.4     1011.6     7      8      7.3
## 2356     99     53     1015.1     1011.9    NA      8      7.5
## 2357     86     86     1003.9     1005.0     8      8      7.7
## 2358     90     78     1019.2     1020.1     4      8      7.5
## 2359     93     75     1027.2     1026.6     8      8      8.6
## 2360    100     52     1032.0     1029.4     8     NA      6.1
## 2361    100     55     1028.5     1023.8     8      7      5.5
## 2362     82     64     1018.3     1015.8     8      5      9.8
## 2363     79     45     1023.0     1021.9    NA      5      5.3
## 2364     94     51     1027.8     1025.3     8     NA      3.8
## 2365     78     54     1028.6     1025.0    NA      1      7.1
## 2366     81     59     1024.2     1020.1     8      8      9.6
## 2367     92     52     1017.8     1016.0     3      1     12.9
## 2368     89     59     1020.3     1018.6     7      8     11.3
## 2369     76     78     1018.6     1015.7     8      8     11.9
## 2370     87     91     1020.7     1022.3     8      7     10.1
## 2371     65     60     1025.5     1022.2     8      8     11.7
## 2372     94     73     1020.7     1017.9     8      8     10.7
## 2373     99     55     1023.4     1021.5     8      2      7.7
## 2374     99     46     1025.0     1022.1     8     NA      5.1
## 2375     79     49     1023.2     1020.1    NA     NA      8.8
## 2376     72     53     1020.1     1016.8    NA     NA      8.3
## 2377     99     50     1018.2     1015.6     8     NA      5.3
## 2378     87     53     1016.5     1009.0     8     NA      7.6
## 2379     96     45     1009.1     1011.7     8     NA     10.3
## 2380     82     57     1023.3     1021.0    NA      3      9.8
## 2381     99     59     1024.3     1020.7     8      6      7.2
## 2382     90     58     1022.8     1018.7     8      3      8.7
## 2383     76     53     1019.6     1018.0     8      2      9.9
## 2384     94     63     1020.8     1018.6     7      3      7.9
## 2385     80     50     1026.6     1024.4    NA      5      7.1
## 2386     69     43     1031.7     1029.5    NA     NA     10.8
## 2387     79     52     1031.9     1027.7    NA      1     11.0
## 2388     81     52     1029.2     1025.9    NA      8     12.1
## 2389     79     45     1028.1     1024.3    NA     NA     15.2
## 2390     75     49     1023.8     1018.5    NA     NA     14.6
## 2391     73     49     1013.9     1015.3     7      1     14.8
## 2392     79     50     1019.1     1016.8    NA      3     10.3
## 2393     77     45     1021.2     1020.5    NA     NA     10.9
## 2394     67     44     1027.3     1025.0    NA     NA     12.9
## 2395     70     42     1026.8     1022.5    NA      6     13.7
## 2396     74     52     1023.9     1019.7    NA      2     13.5
## 2397     82     50     1019.0     1014.9     8      3     12.6
## 2398     68     36     1021.8     1022.0    NA      4     10.7
## 2399     55     38     1031.7     1028.9    NA     NA      9.3
```

## 2400	58	44	1031.8	1027.7	NA	4	9.6
## 2401	60	39	1032.4	1028.3	NA	NA	12.3
## 2402	59	45	1030.9	1025.9	NA	NA	13.7
## 2403	71	50	1025.4	1020.8	NA	NA	13.5
## 2404	75	37	1020.8	1016.5	NA	NA	13.2
## 2405	54	48	1017.7	1016.4	5	NA	15.8
## 2406	64	32	1022.8	1020.4	NA	NA	12.2
## 2407	65	38	1028.0	1026.6	NA	NA	13.2
## 2408	65	37	1034.4	1030.5	NA	NA	14.9
## 2409	71	35	1032.4	1026.1	NA	NA	16.3
## 2410	76	25	1024.8	1022.1	NA	NA	15.4
## 2411	70	28	1024.5	1021.4	NA	NA	16.3
## 2412	73	14	1020.4	1016.5	NA	NA	17.4
## 2413	63	32	1027.6	1028.4	3	NA	14.6
## 2414	66	53	1035.2	1032.2	7	7	14.8
## 2415	75	48	1032.8	1028.1	8	NA	15.5
## 2416	63	37	1027.7	1024.4	NA	NA	19.0
## 2417	85	76	1022.2	1019.2	8	8	16.9
## 2418	80	42	1016.0	1014.0	NA	1	16.4
## 2419	60	45	1022.0	1020.0	NA	NA	16.0
## 2420	74	44	1025.0	1021.8	NA	1	16.7
## 2421	72	32	1023.6	1018.8	NA	NA	19.1
## 2422	79	52	1021.2	1019.2	8	7	18.2
## 2423	82	46	1023.0	1022.8	8	8	19.1
## 2424	64	40	1026.9	1024.1	NA	NA	15.8
## 2425	63	44	1024.5	1019.9	NA	NA	16.0
## 2426	64	31	1019.4	1013.7	NA	8	18.7
## 2427	80	66	1012.3	1011.0	8	8	20.8
## 2428	66	44	1014.2	1013.2	NA	2	18.5
## 2429	59	41	1020.8	1018.5	8	8	16.9
## 2430	69	34	1021.9	1018.6	NA	3	17.2
## 2431	67	20	1020.1	1015.4	NA	NA	17.7
## 2432	55	41	1014.7	1014.2	1	1	19.9
## 2433	41	30	1024.1	1021.9	NA	NA	15.8
## 2434	54	29	1025.0	1019.5	NA	NA	14.8
## 2435	55	22	1021.7	1018.7	NA	NA	18.5
## 2436	59	36	1020.6	1016.7	NA	7	17.8
## 2437	90	77	1017.3	1015.1	7	8	18.2
## 2438	90	50	1014.0	1006.6	8	8	17.7
## 2439	82	43	1010.9	1009.7	8	6	19.2
## 2440	65	35	1015.6	1014.1	NA	NA	18.2
## 2441	63	47	1015.0	1011.4	NA	NA	20.9
## 2442	76	83	1008.8	1006.0	8	8	19.2
## 2443	90	59	1008.7	1006.9	7	4	18.2
## 2444	64	43	1013.9	1013.3	3	1	15.6
## 2445	60	32	1020.9	1018.3	NA	NA	15.2
## 2446	65	37	1021.1	1015.7	NA	NA	19.0
## 2447	68	31	1015.4	1012.4	NA	1	22.4
## 2448	64	46	1017.5	1015.7	5	8	21.8
## 2449	78	49	1016.7	1012.0	8	8	20.7
## 2450	95	33	1012.8	1009.9	7	NA	19.0
## 2451	54	39	1013.9	1011.1	2	NA	17.8
## 2452	48	33	1018.3	1015.9	2	NA	17.4
## 2453	59	36	1019.8	1016.4	NA	1	18.4

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## 2454    67    25    1018.4    1013.2     4     4    18.8
## 2455    56    21    1013.0    1011.0    NA    NA    22.3
## 2456    47    25    1013.7    1011.2    NA    NA    24.2
## 2457    46    28    1009.4    1006.7     1     7    27.3
## 2458    53    30    1017.9    1016.1    NA    NA    17.2
## 2459    58    31    1017.7    1013.1    NA    NA    19.1
## 2460    54    27    1013.6    1012.5    NA    NA    18.3
## 2461    51    25    1017.2    1012.7    NA    NA    19.1
## 2462    56    13    1011.6    1003.8    NA    NA    19.3
## 2463    48    24    1004.0    1008.2    NA    NA    18.7
## 2464    43    28    1017.7    1015.6    NA    NA    12.8
## 2465    57    25    1017.3    1012.7    NA    NA    16.5
## 2466    52    27    1013.2    1010.2    NA     8    20.3
## 2467    61    21    1011.9    1007.9    NA    NA    18.0
## 2468    45    28    1007.0    1006.6     6     5    24.1
## 2469    46    23    1018.7    1019.0    NA    NA    14.7
## 2470    43    24    1026.1    1022.4    NA    NA    17.7
## 2471    46    25    1024.4    1020.0    NA    NA    21.6
## 2472    50    18    1021.0    1016.9     8     7    23.5
## 2473    45    16    1018.1    1014.0    NA     8    25.5
## 2474    55    35    1016.3    1013.5     8     7    23.3
## 2475    81    58    1014.5    1011.4     8     7    21.4
## 2476    56    25    1014.3    1012.6    NA    NA    23.2
## 2477    54    21    1013.9    1010.4    NA     2    22.5
## 2478    48    22    1008.7    1006.4    NA    NA    20.7
## 2479    48    25    1016.5    1014.3    NA     7    14.1
## 2480    57    22    1017.4    1014.4    NA     5    17.9
## 2481    43    12    1015.4    1011.7    NA    NA    20.6
## 2482    47    19    1013.4    1012.4     8     6    20.5
## 2483    39    17    1014.0    1011.2    NA    NA    24.0
## 2484    39    24    1016.4    1013.0    NA    NA    24.8
## 2485    46    19    1015.6    1011.5    NA    NA    26.1
## 2486    50    17    1013.5    1008.7     8     1    26.7
## 2487    18    13    1008.3    1002.3    NA     1    33.7
## 2488    68    40    1015.9    1017.1    NA    NA    19.5
## 2489    53    36    1020.6    1016.8    NA     8    21.2
## 2490    54    35    1018.6    1014.6     7    NA    22.2
## 2491    51    26    1017.9    1013.7    NA    NA    22.3
## 2492    40    20    1015.7    1008.9    NA    NA    22.6
## 2493    89    71    1004.4    1005.1     8     7    19.2
## 2494    47    30    1018.7    1018.7    NA    NA    16.6
## 2495    49    29    1023.9    1021.0     4    NA    17.9
## 2496    47    28    1022.2    1018.3    NA    NA    21.3
## 2497    47    20    1018.1    1014.9    NA    NA    23.4
## 2498    53    17    1016.3    1012.6     6     3    23.2
## 2499    46    17    1013.4    1009.2     7     3    26.1
## 2500    54    30    1011.1    1008.4     8     8    24.8
## 2501    62    67    1014.0    1014.8     8     8    21.8
## 2502    74    65    1017.9    1016.5     8     8    19.2
## 2503    92    63    1016.3    1013.9     8     8    17.2
## 2504    76    52    1014.6    1012.6     8     8    20.3
## 2505    46    31    1017.4    1015.7    NA     2    20.9
## 2506    63    24    1019.6    1017.2    NA     8    19.4
## 2507    52    24    1018.6    1015.5    NA     3    24.2
```

## 2508	54	17	1016.6	1012.6	NA	NA	26.2
## 2509	46	13	1011.6	1007.5	NA	8	26.0
## 2510	40	18	1010.8	1009.8	1	NA	28.1
## 2511	51	16	1013.8	1007.5	NA	NA	27.9
## 2512	50	39	1010.5	1015.5	8	8	27.2
## 2513	41	31	1026.1	1023.8	NA	NA	15.9
## 2514	45	19	1027.4	1022.9	NA	NA	17.8
## 2515	51	31	1024.2	1019.6	NA	3	20.5
## 2516	53	22	1019.2	1014.7	NA	NA	22.5
## 2517	46	15	1015.5	1009.4	NA	5	24.3
## 2518	23	24	1010.1	1009.3	8	8	30.2
## 2519	62	22	1009.0	1007.2	8	8	24.8
## 2520	67	89	1008.8	1007.4	7	8	24.2
## 2521	72	40	1009.2	1008.1	NA	1	22.1
## 2522	55	30	1011.3	1008.3	NA	NA	22.4
## 2523	56	30	1012.1	1009.6	NA	1	24.0
## 2524	48	33	1015.7	1012.3	NA	1	23.3
## 2525	96	65	1014.9	1010.5	8	8	18.9
## 2526	83	47	1008.1	1002.8	7	1	20.8
## 2527	77	72	1000.7	1003.4	7	7	20.7
## 2528	70	26	1005.2	1000.8	NA	NA	16.0
## 2529	79	48	1003.9	1002.2	8	6	16.9
## 2530	88	47	1004.2	1003.2	8	2	14.7
## 2531	69	37	1006.2	1003.2	NA	1	20.7
## 2532	67	74	1002.8	1004.4	7	8	22.4
## 2533	53	32	1014.0	1012.3	NA	NA	20.0
## 2534	47	34	1018.3	1015.8	NA	NA	20.0
## 2535	64	34	1017.9	1014.7	NA	4	20.3
## 2536	67	37	1017.9	1014.9	NA	NA	21.0
## 2537	51	32	1019.0	1016.0	NA	NA	24.2
## 2538	54	31	1019.0	1015.6	NA	NA	24.8
## 2539	64	22	1014.2	1010.2	NA	NA	22.6
## 2540	53	23	1013.1	1010.4	NA	NA	23.3
## 2541	59	23	1014.9	1011.6	NA	2	22.9
## 2542	55	16	1011.7	1007.3	NA	NA	22.7
## 2543	53	27	1008.9	1008.2	6	NA	23.4
## 2544	58	27	1012.0	1009.0	NA	NA	20.1
## 2545	54	24	1010.9	1009.8	NA	NA	19.4
## 2546	45	34	1013.6	1010.0	NA	1	16.0
## 2547	63	32	1009.8	1006.8	NA	NA	18.5
## 2548	64	24	1011.4	1009.7	NA	NA	19.9
## 2549	61	28	1017.2	1016.6	NA	NA	20.7
## 2550	60	22	1023.6	1020.5	NA	NA	19.8
## 2551	51	30	1023.9	1019.6	NA	1	21.8
## 2552	46	19	1017.7	1013.3	NA	NA	26.5
## 2553	43	15	1012.2	1008.1	4	1	28.3
## 2554	38	36	1009.6	1009.1	8	7	28.3
## 2555	51	19	1015.8	1014.7	NA	NA	21.5
## 2556	58	28	1018.7	1015.6	NA	NA	20.9
## 2557	59	21	1018.0	1015.1	NA	NA	22.1
## 2558	56	34	1019.5	1016.5	NA	NA	21.6
## 2559	63	21	1019.5	1016.1	NA	NA	20.8
## 2560	48	10	1018.1	1015.9	8	NA	23.9
## 2561	37	24	1019.4	1016.2	7	8	25.3

```
## 2562      57      22      1020.0      1016.1      NA      NA      23.0
## 2563      50      23      1019.3      1016.5      NA      NA      25.9
## 2564      54      29      1019.8      1017.2       8       8      25.7
## 2565      56      22      1019.7      1016.7      NA      NA      24.8
## 2566      56      14      1020.1      1017.2      NA      NA      25.6
## 2567      49      24      1018.9      1015.4       1       2      25.7
## 2568      54      27      1018.9      1015.0       8       5      26.1
## 2569      70      43      1017.5      1015.1       2       8      24.5
## 2570      80      45      1019.0      1016.9       8       4      23.1
## 2571      71      26      1018.6      1015.1      NA      NA      22.7
## 2572      59      21      1016.8      1013.7      NA      NA      22.5
## 2573      54      35      1018.0      1015.4      NA      NA      23.2
## 2574      61      30      1019.2      1015.5       7      NA      20.8
## 2575      64      35      1015.5      1010.3      NA      NA      20.5
## 2576      98      55       996.0      1000.3      NA       1      20.0
## 2577      67      38      1013.7      1013.4      NA       8      12.9
## 2578      50      29      1018.2      1016.5       6       1      15.3
## 2579      54      34      1019.7      1016.5      NA      NA      16.6
## 2580      67      34      1019.4      1015.6      NA      NA      15.8
## 2581      81      31      1018.6      1017.1      NA      NA      14.2
## 2582      69      47      1020.3      1017.8       5       6      17.8
## 2583      85      39      1018.7      1015.9       2       1      16.6
## 2584      72      32      1018.4      1016.3      NA      NA      13.4
## 2585      75      31      1018.2      1015.6      NA      NA      14.5
## 2586      74      31      1017.4      1014.0       6      NA      15.3
## 2587      69      27      1017.7      1014.9       6      NA      16.0
## 2588      71      66      1017.5      1016.1      NA       6      15.9
## 2589      83      42      1018.9      1016.4      NA      NA      13.0
## 2590      81      22      1018.1      1015.0      NA      NA      13.0
## 2591      73      21      1017.7      1015.2      NA      NA      12.6
## 2592      54      29      1023.6      1020.4      NA      NA      17.9
## 2593      59      35      1022.2      1016.5      NA      NA      17.3
## 2594      65      23      1017.0      1011.9      NA      NA      18.8
## 2595      50      32      1014.5      1014.0      NA       7      17.7
## 2596      84      36      1024.1      1020.9      NA      NA      12.0
## 2597      66      64      1023.0      1021.8       5       4      13.7
## 2598      70      33      1023.7      1020.2      NA      NA      12.9
## 2599      71      42      1021.9      1018.4      NA       2      13.7
## 2600      70      36      1020.6      1017.8      NA      NA      14.4
## 2601      63      39      1022.9      1019.7      NA      NA      15.4
## 2602      61      34      1027.0      1023.6      NA       3      16.2
## 2603      63      27      1028.5      1024.2      NA       3      16.9
## 2604      73      38      1024.9      1019.7      NA       8      15.7
## 2605      68      31      1020.4      1016.5      NA       1      17.4
## 2606      68      39      1021.7      1017.9      NA      NA      17.1
## 2607      72      36      1021.8      1017.9       1       2      16.5
## 2608      67      41      1022.3      1019.4      NA       2      16.4
## 2609      68      29      1024.4      1020.8      NA      NA      15.7
## 2610      61      55      1022.7      1019.6      NA       3      17.4
## 2611      97      46      1022.6      1019.9       8       3      16.5
## 2612      49      24      1027.4      1024.9      NA      NA      14.5
## 2613      63      28      1031.4      1028.1      NA      NA      13.1
## 2614      68      36      1032.4      1028.2      NA      NA      14.6
## 2615      66      31      1030.5      1025.7      NA      NA      14.2
```

```
## 2616     62     35     1026.6     1020.5     NA     NA     14.0
## 2617     70     32     1022.9     1018.9      8      2     15.7
## 2618     68     92     1019.2     1017.5      1      8     17.3
## 2619    100     64     1018.1     1015.1      8      8     17.9
## 2620     74     46     1012.1     1013.0      3      4     16.7
## 2621     88     44     1017.8     1014.4      5      8      9.7
## 2622     66     32     1011.4     1006.0      5     NA     13.5
## 2623     73     39     1017.2     1017.0     NA     NA     12.5
## 2624     73     45     1021.5     1017.6      8      1     12.7
## 2625     73     38     1020.6     1016.7     NA      1     13.5
## 2626     79     47     1021.1     1017.4     NA     NA     14.4
## 2627    100     98     1014.6     1008.6      7      8     14.7
## 2628     90     73     1003.4     1000.7      8      1     17.9
## 2629     85     69     1005.2     1008.4      8      8     14.8
## 2630     82     63     1017.6     1015.4      7      8     11.0
## 2631     96     86     1016.3     1017.0      8      8     14.4
## 2632     82     58     1024.0     1022.8      8     NA     15.9
## 2633     91     64     1025.5     1021.6      6      8     12.6
## 2634     86     49     1017.7     1015.6     NA     NA     15.3
## 2635    100     47     1021.5     1017.4      8      1     10.0
## 2636     78     53     1019.3     1018.5     NA      4     14.2
## 2637     80     57     1020.6     1018.0      4      8     12.6
## 2638     82     63     1019.7     1016.5      8      8     12.1
## 2639     79     47     1022.7     1021.9      5     NA     15.1
## 2640     91     64     1027.1     1022.9     NA     NA      9.4
## 2641     81     55     1023.7     1018.1     NA     NA     11.9
## 2642     75     55     1018.6     1018.5      8      8     13.5
## 2643     90     57     1021.5     1018.9      5      1     10.4
## 2644     99     72     1019.5     1014.8      8      5      7.0
## 2645    100     84     1005.0     1002.3      8      8     10.5
## 2646     86     58     1008.5     1007.2     NA      7      8.0
## 2647     86     45     1008.9     1009.5      8     NA      8.2
## 2648     99     54     1020.0     1019.8      8      5      5.2
## 2649     89     57     1027.6     1025.8     NA     NA      6.2
## 2650     88     50     1031.1     1027.3     NA     NA      6.6
## 2651     80     53     1029.2     1026.1     NA     NA      8.0
## 2652     85     51     1027.9     1024.2     NA     NA      8.4
## 2653     73     76     1025.0     1021.8      8      8     10.4
## 2654     95     92     1015.2     1008.3      8      8     11.6
## 2655     97     89     1006.9     1002.4      8      8     12.9
## 2656     99     80     1004.9     1004.0      8      8      9.0
## 2657     92     81     1004.3     1004.9      8      8      9.8
## 2658     88     76     1013.1     1010.1      8      8     11.4
## 2659     80     78     1005.5     1006.7      8      8     14.2
## 2660     89     64     1020.0     1020.3      8      6     10.9
## 2661     69     67     1025.0     1025.9     NA      1     10.7
## 2662     85     50     1037.5     1036.1     NA     NA      4.9
## 2663     88     59     1039.9     1036.0     NA     NA      4.0
## 2664     90     58     1038.2     1035.2      1     NA      6.6
## 2665    100     70     1034.8     1030.5      8     NA      3.5
## 2666     95     70     1026.0     1019.7     NA      8      4.1
## 2667     97     83     1014.7     1013.5      8      8     12.9
## 2668    100     71     1018.0     1017.1      7      8     10.2
## 2669     99     74     1017.7     1010.8     NA      1     10.0
```

```
## 2670      90      83    1000.1     998.4      8     8    11.9
## 2671      89      84    1004.9    1003.4      7     8    10.4
## 2672      89      68    1005.9    1008.4      8     7    10.6
## 2673      85      73    1010.3    1005.4      7     8    10.4
## 2674      87      85    1004.8    1007.6      8     6     7.0
## 2675      95      61    1022.9    1021.9     NA    NA     2.8
## 2676      99      79    1023.4    1019.0      8    NA     2.3
## 2677     100      68    1019.5    1018.7      8     8     2.5
## 2678     100      80    1026.9    1026.6      8     8     6.2
## 2679      99      75    1029.8    1026.4      8     8     9.5
## 2680      90      82    1019.3    1013.2      8     8     8.5
## 2681      96      76    1019.0    1021.4      8     8     7.3
## 2682      88      86    1027.7    1026.4      8     8     9.3
## 2683     100      82    1027.5    1024.7      8     7     9.7
## 2684      97      70    1021.1    1016.0      8     8     9.0
## 2685      92      99    1011.2    1008.6      8     8     7.8
## 2686      80      60    1010.3    1010.4     NA     2    10.6
## 2687     100      58    1020.7    1019.1     NA     5     8.3
## 2688      96      94    1022.7    1020.8      8     8     9.2
## 2689     100      76    1025.5    1023.1      8     8     9.0
## 2690     100      74    1023.8    1018.9      3     6     9.1
## 2691      82      52    1009.3    1007.9      8     1    12.8
## 2692      79      61    1007.3    1004.2      8    NA     9.3
## 2693      87      66    1019.3    1023.1      8     8     4.3
## 2694      99      72    1032.6    1030.1      8     6     4.4
## 2695      90      66    1032.9    1030.6      6     7     8.4
## 2696     100      65    1033.9    1030.2     NA    NA     4.5
## 2697      94      64    1031.6    1027.5     NA    NA     6.1
## 2698     100      96    1026.2    1022.6     NA     8     7.3
## 2699     100      88    1023.3    1021.8      8     8    10.9
## 2700     100      70    1020.9    1019.5      7     1    10.7
## 2701     100      96    1020.1    1015.6      8     8    10.0
## 2702      92      99    1003.6     999.5      8     8    16.8
## 2703      82      67    1005.2    1009.8      8     8     8.5
## 2704      86      77    1015.5    1010.7     NA     8     4.7
## 2705      89      87    1013.5    1012.2      8     8     7.7
## 2706      85      72    1017.4    1014.4      6     8     6.9
## 2707      90      82    1013.7    1017.3      5     6     9.5
## 2708      85      79    1027.6    1026.1      7     8     8.1
## 2709      94      73    1025.8    1022.9      8     8     9.1
## 2710      96      74    1024.4    1021.5      8     8     9.7
## 2711      93      76    1019.4    1017.4      8     8     9.7
## 2712     100      92    1017.0    1012.3      8     6    10.6
## 2713      83      47    1016.2    1016.5      2    NA     8.6
## 2714      85      51    1023.0    1022.0     NA    NA     5.6
## 2715      76      48    1029.0    1027.9     NA    NA     7.6
## 2716      79      46    1033.5    1030.1     NA    NA     7.2
## 2717     100      55    1030.3    1027.2     NA    NA     4.0
## 2718      88      43    1027.9    1024.8      7     1     5.5
## 2719      89      65    1026.7    1023.5      2     5     6.0
## 2720      87      60    1022.0    1015.9      1     4     7.8
## 2721      79      56    1015.7    1013.9      7     8    11.2
## 2722      81      57    1021.1    1021.2     NA     5     8.5
## 2723     100      58    1025.6    1021.8      1     8     4.7
```

```
## 2724       87       60      1024.2     1022.5       1       6     9.7
## 2725       81       56      1029.6     1028.1      NA       1    10.0
## 2726      100       56      1033.0     1030.1       8       1     6.5
## 2727       89       54      1030.9     1026.3      NA      NA     8.6
## 2728       92       65      1024.8     1022.6       1       7    10.6
## 2729      100       57      1023.8     1019.2      NA      NA     9.3
## 2730       58       80      1012.9     1009.7       8       7    15.0
## 2731       86       66      1016.1     1015.2       8       7     7.1
## 2732       83       56      1020.1     1016.5       8       2     9.3
## 2733       91       79      1016.8     1013.9       5       8     9.5
## 2734       88       56      1016.1     1015.2      NA      NA     8.3
## 2735       79       71      1014.8     1011.0      NA       8     8.4
## 2736       97       52      1013.2     1012.7       6       1     7.7
## 2737      100       50      1022.9     1020.5       8       1     4.0
## 2738       85       53      1025.3     1022.7      NA       8     7.0
## 2739       89       57      1024.8     1021.5       7       8     8.5
## 2740       85       51      1027.6     1024.2       6       3    10.0
## 2741       81       72      1024.7     1020.0       3       8    10.6
## 2742      100       66      1015.9     1015.4       7       6    13.9
## 2743       96       65      1020.0     1016.1       8       7    12.3
## 2744       87       76      1012.1     1005.6      NA       8    10.1
## 2745       90       60      1003.4     1008.8       6       1    11.4
## 2746       82       66      1023.7     1025.4       8       7    10.8
## 2747       93       63      1031.3     1029.1       8       7    10.4
## 2748      100       68      1030.7     1028.1       8       2     9.2
## 2749       90       60      1031.2     1027.4      NA       1    12.1
## 2750       94       63      1027.2     1021.3       8       8    12.6
## 2751       86       91      1014.8     1009.8       8       8    15.1
## 2752       91       67      1012.4     1013.7       8       8    12.2
## 2753       81       71      1021.0     1019.1      NA       8    10.7
## 2754       86       55      1022.3     1019.6      NA       1    11.7
## 2755       79       55      1020.6     1016.1       8       1    12.6
## 2756       84       56      1009.5     1008.8       7       8    14.1
## 2757       88       72      1008.5     1011.0       8       7    10.0
## 2758       87       56      1018.7     1018.1       8       8    11.7
## 2759       86       60      1022.6     1017.6      NA       8     9.7
## 2760       98       94      1010.7     1005.9       7       8    10.7
## 2761       81       57      1013.2     1012.0       8      NA    10.5
## 2762       74       59      1018.1     1015.4      NA       4    11.8
## 2763       96       72      1009.3     1005.3       8       8    11.3
## 2764       76       61      1012.3     1011.5      NA       4    13.2
## 2765       73       48      1015.8     1012.0      NA      NA    13.3
## 2766       83       45      1012.3     1008.2       6       4    14.1
## 2767       96       55      1008.9     1009.5       8      NA    12.4
## 2768       73       52      1014.8     1011.9       6       7    10.6
## 2769       79       57      1012.9     1012.4       8       5     9.7
## 2770       78       49      1014.6     1007.4      NA      NA    13.1
## 2771       89       59       993.7      993.1       8       8    11.8
## 2772       98       84       992.9      995.7       8       8     9.8
## 2773       98       78      1006.2     1007.7       8       8    11.0
## 2774       86       48      1012.3     1005.9      NA      NA    11.8
## 2775       76       59      1000.3     1000.5       1       3    11.8
## 2776       90       86      1006.9     1002.4       8       8     9.2
## 2777       78       64      1018.3     1017.6       2       6     8.6
```

```
## 2778     72     55     1021.4     1020.3     NA      3     13.6
## 2779     86     49     1019.6     1016.4     NA      5     15.4
## 2780     83     57     1016.6     1016.8     NA      5     14.5
## 2781     76     59     1019.1     1012.0     NA     NA     11.5
## 2782     89     75     1012.2     1010.6      8     NA      9.9
## 2783     81     49     1017.3     1016.9     NA      3      7.6
## 2784     75     59     1017.9     1016.5      5      8     11.6
## 2785     57     40     1023.1     1022.3     NA     NA     11.0
## 2786     77     50     1026.0     1022.7     NA      1     11.0
## 2787     82     42     1022.4     1017.3     NA      2     12.7
## 2788     53     49     1008.7     1003.3     NA     NA     19.1
## 2789     85     49     1008.7     1009.9      8      3     10.8
## 2790     82     76     1012.8     1011.6      8      8     11.3
## 2791     73     48     1020.6     1020.6     NA      2     10.0
## 2792     78     40     1023.4     1019.7     NA     NA     10.1
## 2793     75     48     1015.8     1010.9     NA     NA     13.3
## 2794     73     47     1014.2     1014.5      8     NA      9.5
## 2795     67     48     1022.7     1020.1     NA      6     10.8
## 2796     67     44     1021.3     1018.1     NA     NA     10.8
## 2797     82     40     1018.6     1015.3     NA      1     13.0
## 2798     52     42     1013.0     1011.0      1      4     18.6
## 2799     72     51     1016.3     1014.8     NA      8     13.0
## 2800     65     48     1018.7     1015.9     NA      4     14.4
## 2801     72     42     1018.8     1014.1     NA     NA     15.8
## 2802     64     68     1005.9     1003.5      1      8     21.9
## 2803     67     41     1015.9     1014.7     NA      4      9.0
## 2804     63     43     1014.3     1011.6      7      5     11.7
## 2805     72     47     1016.1     1016.3     NA      1     13.2
## 2806     71     42     1019.4     1017.2     NA     NA     15.0
## 2807     70     27     1015.6     1009.2     NA      1     15.5
## 2808     57     40     1010.4     1011.6      8      5     12.1
## 2809     66     43     1012.4     1010.9      2      1     12.8
## 2810     70     22     1010.3     1003.7     NA      3     15.8
## 2811     64     43     1006.9     1008.0      2      3     18.1
## 2812     73     31     1011.5     1007.3     NA     NA     17.8
## 2813     67     36     1009.8     1008.6     NA      1     17.6
## 2814     67     35     1011.9     1007.7     NA     NA     16.0
## 2815     87     38     1001.3      998.1      8      1     17.4
## 2816     87     88      999.4      997.5      8      6     13.0
## 2817     80     60     1005.9     1007.7      8     NA     13.7
## 2818     61     45     1017.3     1015.7     NA     NA     13.7
## 2819     74     22     1021.1     1019.6     NA     NA     16.8
## 2820     73     34     1022.0     1018.2     NA      1     18.7
## 2821     66     45     1016.1     1013.0     NA     NA     21.7
## 2822     74     26     1016.5     1015.0     NA     NA     20.2
## 2823     59     39     1017.9     1014.9     NA     NA     22.5
## 2824     66     22     1015.6     1010.6     NA     NA     23.6
## 2825     51     45     1013.5     1013.1      4     NA     23.9
## 2826     98     44     1011.8     1010.3      8      7     14.5
## 2827     62     38     1016.8     1014.0     NA      1     12.7
## 2828     55     41     1015.5     1015.1     NA     NA     14.7
## 2829     63     39     1018.1     1015.7     NA     NA     14.7
## 2830     67     34     1016.7     1014.1     NA     NA     18.0
## 2831     56     28     1014.1     1010.5     NA      1     20.6
```

```
## 2832       62       21    1011.8    1009.5      1    NA    18.5
## 2833       56       14    1007.9    1004.4     NA    NA    22.0
## 2834       58       32    1008.0    1005.2     NA    NA    20.5
## 2835       61       22    1009.3    1009.4     NA    NA    20.5
## 2836       58       19    1013.8    1012.0     NA    NA    21.2
## 2837       46       33    1013.1    1008.7     NA     1    21.6
## 2838       62       40    1008.5    1007.4     NA     5    25.2
## 2839       72       35    1011.7    1010.8     NA     1    22.1
## 2840       62       23    1014.6    1011.8     NA    NA    19.5
## 2841       51       86    1003.3    1000.5     NA     8    21.7
## 2842       54       37    1012.6    1014.9     NA    NA    14.0
## 2843       56       32    1021.6    1018.6     NA    NA    15.9
## 2844       57       27    1021.2    1018.3     NA    NA    19.2
## 2845       57       24    1020.7    1016.4     NA    NA    20.6
## 2846       51       11    1014.0    1008.2     NA    NA    21.7
## 2847       65       40    1008.2    1010.2      5    NA    23.1
## 2848       51       28    1013.8    1011.3     NA    NA    19.0
## 2849       93       66    1010.7    1007.8      5     8    17.3
## 2850       72       20    1007.2    1007.1      8    NA    21.9
## 2851       40       22    1019.1    1016.7     NA    NA    15.3
## 2852       52       27    1018.5    1012.5     NA    NA    19.6
## 2853       67       50    1006.6    1006.5      2    NA    17.8
## 2854       47       28    1013.3    1012.7     NA    NA    19.5
## 2855       47       29    1016.9    1013.3     NA    NA    21.3
## 2856       49       28    1015.9    1010.9     NA     1    24.5
## 2857       49       69    1013.6    1011.7      7     4    27.8
## 2858       58       25    1015.3    1011.8     NA    NA    23.8
## 2859       45       26    1012.0    1008.3     NA     1    28.0
## 2860       88       55    1012.6    1009.6     NA    NA    21.9
## 2861       50       26    1008.2    1004.9     NA    NA    28.1
## 2862       93       66    1007.4    1005.5     NA    NA    22.9
## 2863       85       62    1002.5     999.2     NA    NA    24.3
## 2864       54       25    1004.9    1003.4     NA    NA    22.6
## 2865       63       25    1005.1    1004.1     NA    NA    23.4
## 2866       63       30    1011.1    1009.9     NA    NA    20.6
## 2867       51       30    1018.5    1014.7     NA    NA    21.1
## 2868       53       29    1018.4    1015.4     NA    NA    23.9
## 2869       48       30    1017.5    1013.1     NA    NA    24.3
## 2870       60       26    1016.1    1012.9     NA    NA    24.4
## 2871       48       25    1015.9    1010.4     NA    NA    26.2
## 2872       67       35    1010.6    1007.0      1     1    23.2
## 2873       61       86    1009.7    1011.3     NA     8    26.4
## 2874       77       52    1012.0    1009.3      6     8    23.5
## 2875       72       17    1008.2    1006.6     NA    NA    25.9
## 2876       57       20    1010.6    1007.5     NA    NA    22.4
## 2877       64       48    1003.2    1000.0      3     5    21.9
## 2878       62       37    1007.8    1009.3     NA    NA    18.9
## 2879       62       25    1015.8    1013.4     NA    NA    18.0
## 2880       62       28    1015.9    1011.9     NA    NA    20.9
## 2881       56       13    1012.4    1006.5     NA    NA    22.5
## 2882       44       43    1007.2    1009.0     NA     2    25.3
## 2883       52       29    1011.3    1006.5     NA    NA    20.8
## 2884      100       61     996.6     995.9      8     8    19.3
## 2885       64       34    1011.5    1010.6     NA    NA    17.6
```

```
## 2886          61          31          1015.3          1011.4          NA          NA          21.5
## 2887          58          22          1009.1          1004.0          2          NA          23.3
## 2888          71          34          1008.8          1009.9          8          NA          25.6
## 2889          53          16          1017.3          1013.4          NA          NA          22.1
## 2890          56          25          1014.7          1012.0          NA          NA          22.1
## 2891          55          27          1015.0          1011.5          NA          1          23.5
## 2892          64          14          1013.8          1011.2          NA          NA          23.6
## 2893          50          12          1015.3          1012.3          NA          NA          24.3
## 2894          46           9          1009.7          1004.7          NA          NA          23.5
## 2895          59          24          1009.5          1009.6          3          1          26.0
## 2896          55          27          1013.3          1011.6          NA          2          21.6
## 2897          65          26          1014.9          1013.5          NA          NA          16.9
## 2898          63          20          1015.1          1012.0          NA          NA          18.3
## 2899          58          21          1013.3          1010.4          NA          NA          19.7
## 2900          49          40          1010.3          1008.0          1          NA          23.3
## 2901          94          88          1011.9          1013.3          8          4          21.9
## 2902          66          42          1017.1          1015.4          NA          NA          21.8
## 2903          49          33          1020.1          1016.0          NA          7          24.9
## 2904          62          29          1016.4          1010.8          NA          NA          26.8
## 2905          67          17          1009.9          1006.1          NA          NA          28.2
## 2906          61          32          1006.6          1003.9          2          NA          28.1
## 2907          72          57          1003.3          1007.2          8          NA          20.6
## 2908          57          39          1011.0          1010.2          NA          1          15.3
## 2909          57          26          1016.0          1013.8          NA          NA          17.5
## 2910          65          27          1015.1          1010.2          NA          1          18.4
## 2911          50          10          1010.8          1007.0          NA          NA          20.1
## 2912          53          37          1008.3          1007.1          NA          1          23.3
## 2913          62          28          1008.6          1007.7          NA          NA          18.8
## 2914          54          31          1010.9          1008.5          NA          2          14.5
## 2915          82          42          1013.9          1013.2          1          6          11.0
## 2916          73          27          1020.9          1018.3          NA          NA          13.2
## 2917          60          14          1018.6          1014.0          NA          NA          17.2
## 2918          53          15          1015.9          1015.0          NA          NA          21.3
## 2919          52          16          1019.4          1016.2          NA          NA          20.6
## 2920          51          35          1019.4          1016.4          NA          NA          19.5
## 2921          55          30          1020.8          1018.5          7          2          21.0
## 2922          60          28          1023.7          1020.2          NA          NA          20.1
## 2923          59          26          1022.7          1019.0          NA          NA          20.7
## 2924          57          28          1021.5          1017.8          NA          NA          22.0
## 2925          58          31          1018.1          1014.5          NA          NA          23.3
## 2926          51          36          1018.4          1016.0          NA          NA          24.4
## 2927          62          36          1017.1          1013.9          1          3          20.6
## 2928          77          28          1013.2          1010.1          2          NA          20.7
## 2929          47          23          1014.8          1013.1          NA          NA          21.4
## 2930          47          23          1018.2          1015.6          NA          NA          20.1
## 2931          57          33          1019.3          1015.8          NA          NA          18.9
## 2932          67          30          1018.6          1014.9          NA          NA          17.2
## 2933          51          20          1016.9          1012.9          NA          NA          17.4
## 2934          49          23          1013.6          1009.3          NA          3          20.5
## 2935          35          12          1004.9          1001.2          6          1          23.7
## 2936          65          35          1011.2          1011.0          NA          1          19.8
## 2937          65          25          1019.0          1015.8          2          1          20.6
## 2938          60          30          1018.5          1013.6          NA          2          22.9
## 2939          56          48          1012.2          1010.0          NA          2          25.5
```

```
## 2940         55         30      1018.3      1018.8        NA        NA      21.3
## 2941         52         27      1024.7      1021.9        NA        NA      18.8
## 2942         62         30      1020.2      1015.0        NA        NA      20.2
## 2943         59         46      1016.8      1013.0        NA         4      24.6
## 2944        100         92      1013.9      1011.5         8         8      20.5
## 2945         99         74      1013.1      1012.0         6         1      21.6
## 2946         64         60      1017.4      1017.1         1         8      20.3
## 2947         68         39      1018.7      1015.3        NA        NA      19.1
## 2948         82         69      1014.9      1013.5         8         8      18.8
## 2949         86         44      1015.5      1012.7         1        NA      19.0
## 2950         81         41      1013.0      1007.5        NA        NA      20.2
## 2951         74         32      1014.3      1012.4         8        NA      15.7
## 2952         76         30      1012.5      1008.2        NA        NA      13.9
## 2953         68         49      1011.8      1011.8        NA         7      13.7
## 2954         67         30      1020.0      1017.2        NA        NA      11.0
## 2955         80         42      1020.3      1018.9        NA        NA       9.9
## 2956         54         39      1026.4      1023.7        NA        NA      15.9
## 2957         54         31      1030.0      1026.6         6        NA      16.1
## 2958         65         33      1030.4      1026.4        NA        NA      15.6
## 2959         63         34      1027.6      1022.5        NA        NA      15.0
## 2960         64         31      1026.0      1022.5        NA        NA      15.8
## 2961         68         33      1027.8      1023.0        NA         1      15.2
## 2962         73         52      1023.9      1018.0         8         5      15.7
## 2963         69         62      1009.3      1008.1         8         8      18.5
## 2964         89         72      1010.4      1011.7         4         1      11.1
## 2965         81         44      1021.7      1019.7        NA        NA      13.2
## 2966         64         40      1025.2      1021.7        NA        NA      16.1
## 2967         76         45      1024.9      1021.1        NA         1      15.1
## 2968         76         33      1023.3      1019.5        NA        NA      15.2
## 2969         77         44      1021.7      1018.7        NA        NA      13.3
## 2970         75         42      1021.6      1018.6         1        NA      13.4
## 2971         71         42      1022.6      1019.2        NA        NA      14.9
## 2972         68         40      1025.8      1023.6        NA        NA      18.1
## 2973         78         49      1030.1      1026.3        NA        NA      16.2
## 2974         75         36      1029.5      1024.5        NA        NA      16.2
## 2975         95         89      1025.6      1024.7         8         8      15.0
## 2976        100         77      1026.2      1023.2         8         8      15.6
## 2977         87         53      1025.0      1021.4        NA        NA      15.7
## 2978         81         59      1022.3      1016.9         1         2      15.8
## 2979        100         76      1009.5      1006.5         8         2      16.3
## 2980         85         59      1006.9      1008.4         8         6      10.4
## 2981         71         41      1020.7      1019.2        NA         8       9.6
## 2982         79         58      1025.3      1022.6        NA         2       8.3
## 2983        100         64      1023.2      1020.7         8         8      10.0
## 2984         99         61      1023.6      1020.1         7         6      10.8
## 2985         96         59      1018.9      1015.8         7        NA      12.0
## 2986         81         42      1018.8      1019.3         4        NA      12.6
## 2987         66         37      1029.4      1027.7        NA        NA       8.6
## 2988         72         46      1031.9      1028.5        NA        NA       9.5
## 2989         80         62      1030.9      1026.1         2        NA       9.9
## 2990         98         40      1023.8      1020.4         4        NA      10.2
## 2991         70         39      1027.9      1026.9        NA         1       9.3
## 2992         80         47      1030.4      1027.1        NA        NA       6.4
## 2993         79         47      1029.1      1024.8        NA        NA       8.2
```

```
## 2994         76         51      1026.7      1023.3        NA      NA     10.3
## 2995        100         48      1026.4      1023.6         8      NA      7.9
## 2996        100         64      1027.2      1024.0        NA       7      7.6
## 2997         83         55      1024.6      1020.8         1       1     10.0
## 2998         82         59      1022.5      1019.7         7       1     10.9
## 2999         90         50      1020.3      1016.9        NA      NA     10.0
## 3000         79         54      1020.5      1017.6        NA      NA     10.1
## 3001         91         63      1022.8      1020.3         1       1      9.7
## 3002         77         44      1024.9      1021.6        NA      NA     11.5
## 3003         70        100      1021.8      1018.8         8       8     14.8
## 3004        100         57      1018.6      1017.3         8      NA     13.2
## 3005        100         66      1022.7      1021.1         8       7     10.4
## 3006        100         71      1025.0      1021.0         8      NA      9.0
## 3007        100         71      1021.2      1016.6         1       8      9.9
## 3008         84         72      1017.1      1017.5        NA      NA     12.5
## 3009        100         76      1023.6      1022.0         7       8      8.8
## 3010         93         73      1024.0      1021.3        NA       8     11.7
## 3011         94         63      1021.3      1016.4         5      NA     11.4
## 3012         93         80      1010.8      1010.3         8       8     11.1
## 3013         91         63      1021.5      1021.6         4       1      6.2
## 3014         96        100      1024.4      1022.0         8       7      6.7
## 3015        100         53      1031.2      1030.4         1      NA      2.9
## 3016         90         48      1036.5      1034.3         1      NA      3.3
## 3017         90         54      1036.8      1033.7        NA      NA      3.2
## 3018         90         50      1034.5      1031.0        NA      NA      4.6
## 3019         95         58      1030.0      1026.0        NA      NA      3.9
## 3020        100         71      1027.3      1024.4         8       7      3.6
## 3021         90         55      1023.3      1022.9        NA      NA      8.2
## 3022         81         48      1027.2      1025.9        NA      NA      6.3
## 3023         90         60      1028.9      1026.2        NA      NA      5.5
## 3024        100         66      1029.9      1029.7         8      NA      4.4
## 3025         94         58      1034.4      1031.3        NA      NA      7.1
## 3026        100         60      1031.1      1026.5         1      NA      6.6
## 3027        100         70      1029.1      1026.4         8      NA      5.1
## 3028        100         67      1031.3      1029.8         1      NA      6.6
## 3029        100         69      1032.0      1029.0        NA      NA      5.6
## 3030        100         73      1029.4      1026.4         4      NA      7.0
## 3031        100         80      1026.9      1024.7         8      NA      6.5
## 3032        100         64      1025.8      1023.7         2      NA      7.6
## 3033        100         52      1029.4      1028.0        NA      NA      5.1
## 3034        100         64      1033.8      1030.4         8      NA      4.4
## 3035        100         66      1030.6      1027.2         8      NA      3.4
## 3036        100         62      1029.4      1026.7         8      NA      2.9
## 3037        100         66      1029.4      1025.9         8       1      3.6
## 3038        100         81      1022.3      1017.7         8       1      2.7
## 3039        100         49      1018.8      1017.2         7       6      3.9
## 3040         88         82      1020.5      1018.8         7       8      6.4
## 3041         67         NA      1005.6          NA        NA      NA     21.0
## 3042         59         54      1012.9      1013.5        NA      NA     20.7
## 3043         57         51      1021.9      1019.2        NA      NA     17.9
## 3044         62         43      1018.7      1013.6        NA      NA     22.0
## 3045         67         19      1013.2      1007.6        NA      NA     22.7
## 3046         56         13      1011.9      1006.9        NA      NA     24.2
## 3047         69         19      1010.1      1004.6        NA      NA     23.3
```

```
## 3048      75      70      1012.7      1013.6      NA      NA      20.5
## 3049      65      46      1020.6      1018.8      NA      NA      17.6
## 3050      63      43      1017.2      1013.2      NA      NA      18.0
## 3051      61      40      1014.3      1010.1      NA      NA      21.6
## 3052      78      50      1016.0      1015.8      NA      NA      21.2
## 3053      83      40      1019.7      1015.3      NA      NA      21.5
## 3054      70      21      1014.7      1009.6      NA      NA      23.9
## 3055      43      16      1009.3      1005.5      NA      NA      29.1
## 3056      50      22      1013.0      1007.5      NA      NA      21.4
## 3057      53      38      1020.9      1020.1      NA      NA      17.6
## 3058      58      28      1022.1      1018.8      NA      NA      19.9
## 3059      63      18      1019.4      1013.9      NA      NA      19.9
## 3060      61      20      1014.0      1008.9      NA      NA      23.4
## 3061      58      31      1012.0      1007.1      NA      NA      27.0
## 3062      69      41      1008.7      1004.8      NA      NA      25.8
## 3063      63      44      1009.4      1006.5      NA      NA      28.2
## 3064      61      15      1005.2      1003.0      NA      NA      29.3
## 3065      61      39      1020.0      1017.8      NA      NA      20.9
## 3066      65      55      1019.7      1018.5      NA      NA      22.0
## 3067      93      71      1021.5      1019.6      NA      NA      20.0
## 3068      83      34      1018.7      1014.6      NA      NA      21.6
## 3069      75      29      1018.9      1015.2      NA      NA      23.6
## 3070      68      36      1018.9      1014.3      NA      NA      24.3
## 3071      75      32      1017.8      1012.7      NA      NA      24.0
## 3072      70      49      1016.1      1015.8      NA      NA      24.9
## 3073      78      34      1016.7      1010.6      NA      NA      24.2
## 3074      67      42      1010.9      1009.6      NA      NA      24.1
## 3075      72      46      1011.9      1008.3      NA      NA      24.2
## 3076      75      23      1009.5      1004.5      NA      NA      25.2
## 3077      65      36      1011.2      1006.8      NA      NA      26.6
## 3078      59      14      1013.6      1009.0      NA      NA      26.0
## 3079      51      28      1011.1      1006.2      NA      NA      25.3
## 3080      79      78      1012.4      1011.8      NA      NA      21.1
## 3081      92      93      1011.9      1010.5      NA      NA      17.7
## 3082      79      70      1011.8      1012.1      NA      NA      16.7
## 3083      78      69      1018.2      1019.2      NA      NA      17.0
## 3084      89      51      1025.7      1024.7      NA      NA      16.0
## 3085      94      92      1023.6      1019.9      NA      NA      15.0
## 3086      91      82      1015.7      1014.6      NA      NA      17.8
## 3087      78      56      1018.3      1018.1      NA      NA      21.3
## 3088      91      61      1017.7      1016.0      NA      NA      18.1
## 3089      89      61      1011.1      1008.8      NA      NA      19.3
## 3090      78      46      1008.2      1004.9      NA      NA      21.9
## 3091      76      40      1011.8      1009.0      NA      NA      21.8
## 3092      92      77      1013.6      1013.3      NA      NA      21.5
## 3093      80      59      1019.0      1017.4      NA      NA      19.9
## 3094      73      52      1017.1      1011.8      NA      NA      22.7
## 3095      91      51      1014.7      1012.5      NA      NA      20.0
## 3096      84      59      1016.9      1013.9      NA      NA      21.1
## 3097      75      52      1020.7      1018.5      NA      NA      19.6
## 3098      78      46      1018.7      1015.3      NA      NA      18.7
## 3099      81      44      1010.0      1005.9      NA      NA      17.7
## 3100      78      52      1011.1      1010.1      NA      NA      21.6
## 3101      85      50      1016.8      1014.6      NA      NA      20.4
```

```
## 3102        91        50        1018.5        1014.7        NA        NA        19.7
## 3103        88        48        1008.6        1008.9        NA        NA        21.0
## 3104        44        24        1010.1        1008.3        NA        NA        18.6
## 3105        76        39        1013.8        1010.8        NA        NA        14.8
## 3106        80        34        1014.6        1011.6        NA        NA        18.8
## 3107        80        66        1018.5        1018.8        NA        NA        20.4
## 3108        98        70        1022.7        1020.2        NA        NA        17.0
## 3109        96        55        1022.2        1020.8        NA        NA        19.6
## 3110        73        75        1024.2        1023.1        NA        NA        19.6
## 3111        99        53        1023.2        1020.0        NA        NA        17.9
## 3112        91        66        1018.9        1016.0        NA        NA        19.6
## 3113        96        62        1015.2        1010.1        NA        NA        18.8
## 3114        99        49        1010.8        1007.3        NA        NA        19.0
## 3115        50        31        1012.2        1007.9        NA        NA        17.5
## 3116        63        32        1013.9        1012.0        NA        NA        16.7
## 3117        71        50        1019.4        1015.7        NA        NA        19.2
## 3118        92        50        1016.7        1013.4        NA        NA        17.1
## 3119        90        48        1018.1        1015.8        NA        NA        18.5
## 3120        99        61        1019.4        1016.8        NA        NA        17.3
## 3121        98        44        1018.4        1014.7        NA        NA        17.1
## 3122        97        47        1017.3        1014.7        NA        NA        18.3
## 3123        97        35        1018.3        1015.1        NA        NA        19.8
## 3124        99        45        1019.7        1016.7        NA        NA        18.2
## 3125        97        49        1019.9        1016.4        NA        NA        20.0
## 3126        80        61        1024.5        1023.6        NA        NA        19.4
## 3127        89        46        1025.7        1022.8        NA        NA        16.4
## 3128        96        45        1023.9        1021.0        NA        NA        15.0
## 3129        84        51        1024.5        1022.1        NA        NA        19.7
## 3130        87        87        1022.5        1020.9        NA        NA        19.5
## 3131        97        78        1021.9        1021.4        NA        NA        19.0
## 3132        97        69        1023.7        1021.6        NA        NA        20.2
## 3133        99        63        1021.4        1016.6        NA        NA        19.8
## 3134        86        67        1017.9        1019.5        NA        NA        18.8
## 3135        67        61        1020.2        1014.2        NA        NA        19.0
## 3136        73        60        1021.2        1019.5        NA        NA        17.8
## 3137        72        58        1026.0        1024.0        NA        NA        17.1
## 3138        67        46        1027.4        1024.3        NA        NA        18.1
## 3139        79        54        1025.8        1021.8        NA        NA        17.1
## 3140        85        52        1023.8        1021.0        NA        NA        16.8
## 3141        85        59        1025.7        1023.1        NA        NA        18.9
## 3142        85        60        1023.6        1020.7        NA        NA        19.7
## 3143        92        80        1023.0        1019.6        NA        NA        19.9
## 3144        95        53        1015.5        1010.8        NA        NA        18.6
## 3145        92        30        1011.6        1007.0        NA        NA        18.1
## 3146        61        37        1015.4        1011.6        NA        NA        16.0
## 3147        73        44        1016.9        1015.7        NA        NA        16.1
## 3148        67        49        1020.8        1018.1        NA        NA        18.4
## 3149        67        84        1020.3        1019.0        NA        NA        18.3
## 3150        90        82        1021.9        1019.9        NA        NA        14.6
## 3151        85        85        1023.9        1021.7        NA        NA        16.1
## 3152        85        60        1024.8        1022.8        NA        NA        17.3
## 3153        77        60        1022.0        1018.4        NA        NA        17.6
## 3154        99        66        1012.9        1006.5        NA        NA        12.8
## 3155        52        47        1004.5        1002.7        NA        NA        19.9
```

```
## 3156    49    35    1003.2    1003.3    NA    NA    16.9
## 3157    48    37    1013.5    1013.0    NA    NA    13.6
## 3158    57    38    1015.6    1015.8    NA    NA    17.3
## 3159    71    58    1022.6    1020.0    NA    NA    11.2
## 3160    68    62    1020.9    1020.5    NA    NA    14.0
## 3161    90    47    1024.8    1020.7    NA    NA    11.6
## 3162    66    55    1025.5    1022.9    NA    NA    14.1
## 3163    73    52    1027.9    1025.6    NA    NA    15.3
## 3164    93    42    1028.8    1025.5    NA    NA    13.4
## 3165    72    52    1031.1    1028.4    NA    NA    16.5
## 3166    99    48    1028.5    1023.4    NA    NA    13.3
## 3167    91    38    1024.6    1021.4    NA    NA    12.5
## 3168    69    58    1028.2    1025.0    NA    NA    14.9
## 3169    84    41    1024.4    1020.4    NA    NA    13.2
## 3170    65    60    1024.7    1024.0    NA    NA    15.9
## 3171    84    41    1025.6    1022.2    NA    NA    13.3
## 3172    98    61    1021.8    1018.0    NA    NA    10.9
## 3173    99    37    1017.0    1012.9    NA    NA    11.2
## 3174    73    36    1012.6    1011.5    NA    NA    12.7
## 3175    66    40    1013.0    1010.7    NA    NA    15.2
## 3176    59    44    1010.9    1008.9    NA    NA    17.8
## 3177    80    37    1018.9    1017.5    NA    NA    10.6
## 3178    75    55    1026.0    1023.4    NA    NA    13.3
## 3179    99    51    1024.7    1021.3    NA    NA    14.2
## 3180    99    80    1022.7    1020.4    NA    NA    14.5
## 3181    84    61    1024.4    1022.4    NA    NA    16.5
## 3182    72    85    1023.9    1021.2    NA    NA    17.0
## 3183    86    68    1024.2    1022.8    NA    NA    17.6
## 3184    85    57    1027.0    1025.6    NA    NA    16.8
## 3185    94    69    1026.4    1023.3    NA    NA    14.0
## 3186    99    60    1022.4    1019.1    NA    NA    12.5
## 3187    99    99    1020.7    1018.7    NA    NA    13.2
## 3188    99    68    1021.7    1020.1    NA    NA    13.8
## 3189    70    66    1023.8    1022.9    NA    NA    11.5
## 3190    70    74    1028.6    1028.3    NA    NA    13.5
## 3191    98    89    1034.0    1032.4    NA    NA    12.7
## 3192    91    71    1033.2    1030.5    NA    NA    11.7
## 3193    91    75    1030.2    1027.3    NA    NA    13.6
## 3194    99    79    1026.0    1022.4    NA    NA    14.5
## 3195    99    80    1021.0    1016.7    NA    NA    11.3
## 3196    99    50    1015.4    1012.6    NA    NA    13.8
## 3197    92    45    1014.2    1010.0    NA    NA    10.2
## 3198    99    57    1008.3    1005.8    NA    NA     9.5
## 3199    83    45    1009.7    1007.8    NA    NA    11.5
## 3200    70    51    1011.8    1008.5    NA    NA    11.4
## 3201    46    39    1012.4    1013.7    NA    NA     9.6
## 3202    53    35    1021.4    1018.6    NA    NA     8.2
## 3203    72    46    1024.4    1020.3    NA    NA     8.3
## 3204    99    63    1017.7    1014.2    NA    NA     6.0
## 3205    99    88    1014.7    1011.6    NA    NA     7.0
## 3206    99    39    1013.1    1010.7    NA    NA     9.6
## 3207    72    73    1018.7    1020.8    NA    NA    13.3
## 3208    73    82    1028.0    1027.2    NA    NA    12.4
## 3209    86    69    1030.0    1028.1    NA    NA    12.8
```

```
## 3210         89         54     1030.5     1028.4     NA     NA     12.2
## 3211         99         97     1028.1     1024.5     NA     NA     11.6
## 3212        100         92     1024.1     1021.0     NA     NA     12.3
## 3213        100         69     1020.4     1017.7     NA     NA     13.5
## 3214        100         56     1020.2     1016.8     NA     NA      9.2
## 3215        100         58     1016.4     1011.0     NA     NA      6.6
## 3216        100         58     1014.8     1012.4     NA     NA      6.0
## 3217         90         48     1012.8     1009.1     NA     NA     10.0
## 3218         97         67     1008.3     1005.5     NA     NA      9.7
## 3219        100         63     1006.4     1004.7     NA     NA     11.2
## 3220         89         48     1012.2     1010.0     NA     NA      9.7
## 3221         99         67     1013.2     1007.7     NA     NA      8.4
## 3222         55         33     1006.3     1005.0     NA     NA     18.1
## 3223         52         42     1007.4     1007.1     NA     NA     15.1
## 3224         53         46     1004.4     1005.0     NA     NA     12.1
## 3225         57         46     1012.6     1011.7     NA     NA     11.2
## 3226         63         37     1016.6     1016.3     NA     NA     11.2
## 3227         99         53     1021.0     1017.9     NA     NA      4.3
## 3228         71         57     1025.1     1024.5     NA     NA      9.5
## 3229         98         68     1029.9     1028.5     NA     NA      9.6
## 3230        100         81     1031.3     1028.8     NA     NA      9.5
## 3231         99         61     1028.7     1024.9     NA     NA     11.1
## 3232        100         63     1022.7     1018.5     NA     NA      9.3
## 3233         99         63     1014.6     1009.2     NA     NA      8.0
## 3234         64         51     1007.5     1006.2     NA     NA     14.1
## 3235         69         43     1007.3     1004.9     NA     NA     11.8
## 3236         99         52     1010.0     1008.3     NA     NA      4.7
## 3237         87         42     1012.7     1010.5     NA     NA      9.0
## 3238         68         56     1019.8     1019.3     NA     NA     12.0
## 3239         99         47     1022.6     1018.3     NA     NA      6.6
## 3240         94         38     1021.1     1019.4     NA     NA      7.6
## 3241         96         40     1025.1     1020.1     NA     NA      8.0
## 3242         81         29     1021.4     1015.5     NA     NA      8.5
## 3243         62         28     1011.3     1005.5     NA     NA     18.6
## 3244         63         50     1012.7     1015.2     NA     NA     13.1
## 3245         72         46     1026.1     1024.4     NA     NA      9.8
## 3246         99         39     1026.4     1021.8     NA     NA      5.5
## 3247        100         87     1019.2     1014.3     NA     NA      6.7
## 3248         67         36     1016.6     1015.7     NA     NA     11.8
## 3249         81         44     1022.6     1020.6     NA     NA      7.7
## 3250         79         51     1024.4     1022.5     NA     NA      9.7
## 3251         84         43     1024.5     1019.3     NA     NA      9.0
## 3252         72         45     1020.1     1018.3     NA     NA     10.8
## 3253         77         37     1025.6     1021.3     NA     NA     10.2
## 3254         84         39     1027.8     1022.6     NA     NA      8.6
## 3255         73         31     1020.1     1020.0     NA     NA     11.5
## 3256         84         39     1022.0     1017.6     NA     NA      8.9
## 3257         99         45     1022.9     1019.9     NA     NA      7.2
## 3258         99         38     1023.8     1018.9     NA     NA      7.3
## 3259         97         31     1015.9     1009.8     NA     NA      8.8
## 3260         51         36     1023.7     1020.7     NA     NA     10.2
## 3261         73         31     1020.8     1017.5     NA     NA      7.7
## 3262         99         48     1019.8     1016.8     NA     NA      6.9
## 3263        100         71     1017.0     1011.7     NA     NA      8.0
```

```
## 3264     99     33     1012.7     1009.4     NA     NA      9.1
## 3265     86     42     1014.1     1011.7     NA     NA     10.8
## 3266     69     34     1019.5     1016.0     NA     NA     13.2
## 3267     86     37     1019.6     1016.2     NA     NA     10.3
## 3268     98     30     1015.7     1008.7     NA     NA     10.5
## 3269     41     24     1013.8     1014.5     NA     NA     17.7
## 3270     49     32     1028.4     1026.0     NA     NA     11.9
## 3271     85     39     1028.2     1022.5     NA     NA      9.0
## 3272     99     34     1019.8     1014.1     NA     NA      8.8
## 3273     69     23     1009.4     1001.9     NA     NA     12.7
## 3274     61     40     1012.9     1009.7     NA     NA     13.0
## 3275     79     43     1012.3     1007.5     NA     NA     14.9
## 3276     46     62     1005.6     1005.8     NA     NA     22.3
## 3277     32     NA     1007.2       NA       NA     NA     15.5
## 3278     32     24     1013.3     1010.7     NA     NA     14.2
## 3279     48     25     1017.5     1013.0     NA     NA     15.0
## 3280     52     22     1016.9     1012.7     NA     NA     13.1
## 3281     73     40     1008.3      998.0     NA     NA     13.6
## 3282     40     29     1011.4     1011.5     NA     NA     14.2
## 3283     56     34     1017.9     1014.5     NA     NA     12.3
## 3284     53     34     1021.9     1019.0     NA     NA     14.8
## 3285     57     53     1025.0     1021.3     NA     NA     13.5
## 3286     79     98     1020.8     1018.4     NA     NA     14.8
## 3287     98     36     1014.7     1009.9     NA     NA     13.5
## 3288     45     NA     1016.6       NA       NA     NA     16.4
## 3289     67     41     1019.1     1013.4     NA     NA     12.3
## 3290     92     53     1009.0     1000.6     NA     NA     11.5
## 3291     60     42     1008.5     1007.0     NA     NA     15.4
## 3292     49     41     1010.6     1009.7     NA     NA     14.7
## 3293     59     29     1016.3     1013.7     NA     NA     14.9
## 3294     58     25     1022.9     1018.7     NA     NA     14.3
## 3295     52     24     1022.5     1018.6     NA     NA     15.3
## 3296     42     14     1019.8     1015.8     NA     NA     19.6
## 3297     65     64     1022.1     1021.6     NA     NA     18.5
## 3298     82     54     1021.8     1016.0     NA     NA     15.8
## 3299     65     76     1023.2     1019.8     NA     NA     17.0
## 3300     99     24     1017.8     1010.0     NA     NA     16.0
## 3301     50     49     1018.4     1018.1     NA     NA     20.5
## 3302     63     40     1019.0     1012.2     NA     NA     17.6
## 3303     56     42     1015.2     1010.7     NA     NA     19.1
## 3304     70     62     1015.2     1011.6     NA     NA     18.1
## 3305     57     36     1003.0      998.2     NA     NA     24.1
## 3306     48     43      997.6      999.0     NA     NA     16.0
## 3307     40     32     1012.7     1010.8     NA     NA     18.3
## 3308     51     27     1013.7     1006.2     NA     NA     17.0
## 3309     32     25     1004.9     1004.9     NA     NA     16.1
## 3310     36     30     1007.5     1005.3     NA     NA     12.9
## 3311     45     33     1008.2     1006.4     NA     NA     15.3
## 3312     50     28     1014.3     1011.2     NA     NA     15.6
## 3313     54     16     1018.2     1011.9     NA     NA     16.0
## 3314     49     13     1013.9     1007.9     NA     NA     17.5
## 3315     68     72     1013.5     1008.9     NA     NA     17.9
## 3316     74     78     1012.9     1014.7     NA     NA     14.1
## 3317     93     81     1022.3     1020.1     NA     NA     12.2
```

```
## 3318       NA       57      1020.6      1016.9      NA      NA      NA
## 3319       79       52      1020.7      1016.0      NA      NA      14.5
## 3320       56       43      1014.6      1012.7      NA      NA      12.5
## 3321       49       37      1019.0      1020.0      NA      NA      13.3
## 3322       63       64      1026.0      1026.5      NA      NA      13.2
## 3323       64       55      1030.0      1027.2      NA      NA      13.8
## 3324       80       65      1025.6      1019.8      NA      NA      14.0
## 3325       82       67      1011.7      1006.5      NA      NA      13.2
## 3326       37       27      1001.7       999.1      NA      NA      19.6
## 3327       36       46      1000.8      1001.1      NA      NA      19.1
## 3328       55       33      1008.5      1006.9      NA      NA      16.8
## 3329       43       26      1012.1      1012.4      NA      NA      15.1
## 3330       55       35      1021.3      1019.5      NA      NA      15.9
## 3331       70       47      1027.8      1024.4      NA      NA      14.9
## 3332       71       44      1027.3      1023.7      NA      NA      15.7
## 3333       74       29      1023.7      1017.6      NA      NA      17.1
## 3334       47       12      1020.2      1016.4      NA      NA      20.0
## 3335       74       54      1025.1      1021.8      NA      NA      17.8
## 3336       67       37      1020.0      1013.9      NA      NA      19.3
## 3337       62       46      1020.0      1015.3      NA      NA      18.3
## 3338       73       82      1016.1      1015.6      NA      NA      19.2
## 3339       97       64      1024.5      1026.2      NA      NA      12.9
## 3340       NA       65      1030.1      1027.9      NA      NA      NA
## 3341       84       52      1026.1      1021.5      NA      NA      16.7
## 3342       79       60      1026.6      1023.3      NA      NA      17.9
## 3343       76       48      1023.5      1019.8      NA      NA      20.0
## 3344       72       53      1025.2      1022.5      NA      NA      21.6
## 3345       73       36      1024.7      1018.9      NA      NA      19.0
## 3346       72       57      1020.9      1016.7      NA      NA      22.2
## 3347       75       16      1012.0      1006.3      NA      NA      23.1
## 3348       79       76      1017.4      1015.4      NA      NA      18.6
## 3349       73       67      1021.2      1021.5      NA      NA      19.4
## 3350       80       64      1027.9      1026.8      NA      NA      18.0
## 3351       85       52      1030.9      1029.4      NA      NA      19.3
## 3352       85       85      1031.2      1028.7      NA      NA      18.3
## 3353       79       39      1027.3      1022.7      NA      NA      20.4
## 3354       71       25      1022.7      1018.8      NA      NA      19.2
## 3355       62       46      1022.7      1020.6      NA      NA      21.7
## 3356       68       22      1020.1      1012.2      NA      NA      20.9
## 3357       67       55      1020.4      1018.9      NA      NA      20.5
## 3358       66       24      1016.6      1010.2      NA      NA      18.5
## 3359       38       NA      1012.2         NA      NA      NA      25.3
## 3360       65       35      1008.9      1001.6      NA      NA      22.8
## 3361       62       51      1008.9      1009.6      NA      NA      21.2
## 3362       60       38      1013.0      1009.2      NA      NA      20.7
## 3363       65       32      1010.9      1008.1      NA      NA      23.4
## 3364       60       31      1010.1      1005.6      NA      NA      27.6
## 3365       45       30      1010.6      1005.9      NA      NA      26.6
## 3366       70       15      1005.0      1001.1      NA      NA      24.0
## 3367       70       86      1021.1      1022.7      NA      NA      19.3
## 3368       84       69      1026.9      1024.3      NA      NA      17.0
## 3369       73       35      1022.2      1017.2      NA      NA      22.1
## 3370       69       41      1017.6      1009.9      NA      NA      23.5
## 3371       50       25      1009.9      1006.8      NA      NA      25.1
```

```
## 3372      49      12    1006.7     999.2    NA    NA    24.1
## 3373      26      19    1001.0     999.3    NA    NA    25.2
## 3374      51      90    1008.4    1009.9    NA    NA    20.4
## 3375      51      37    1016.7    1016.8    NA    NA    17.7
## 3376      60      41    1022.4    1021.0    NA    NA    18.6
## 3377      57      24    1022.5    1016.4    NA    NA    18.9
## 3378      59      48    1015.5    1015.0    NA    NA    23.0
## 3379      59      27    1015.6    1011.3    NA    NA    19.5
## 3380      59      43    1017.3    1013.5    NA    NA    23.5
## 3381      64      13    1012.1    1006.2    NA    NA    24.2
## 3382      73      29    1009.8     999.1    NA    NA    20.9
## 3383      64      51    1011.1    1009.6    NA    NA    20.0
## 3384      65      33    1011.5    1005.2    NA    NA    22.2
## 3385      26      11    1012.9    1012.6    NA    NA    22.6
## 3386      NA      NA       NA        NA    NA    NA      NA
## 3387      61      43    1016.5    1014.3    NA    NA    23.3
## 3388      84      71    1021.6    1021.1    NA    NA    19.0
## 3389      70      56    1022.7    1019.5    NA    NA    21.5
## 3390      64      43    1020.2    1014.5    NA    NA    23.8
## 3391      63      18    1013.7    1007.1    NA    NA    26.9
## 3392      88      95    1015.1    1017.2    NA    NA    19.1
## 3393      68      25    1015.5    1012.5    NA    NA    20.8
## 3394      74      60    1021.5    1019.3    NA    NA    18.6
## 3395      61      53    1016.8    1011.4    NA    NA    22.5
## 3396      66      31    1011.7    1008.6    NA    NA    23.7
## 3397      51      20    1015.4    1011.1    NA    NA    25.7
## 3398      46      27    1012.9    1008.4    NA    NA    26.3
## 3399      59      70    1010.7    1010.7    NA    NA    26.5
## 3400      90      84    1016.5    1016.7    NA    NA    17.1
## 3401      86      80    1018.4    1016.1    NA    NA    20.3
## 3402      99      NA    1015.6        NA    NA    NA    19.6
## 3403      68      43    1021.7    1020.9    NA    NA    21.7
## 3404      67      47    1025.6    1022.7    NA    NA    21.2
## 3405      84      68    1021.3    1016.9    NA    NA    19.9
## 3406      83      56    1014.2    1010.6    NA    NA    22.4
## 3407      72      64    1007.9    1005.5    NA    NA    24.5
## 3408      92      79    1015.8    1015.9    NA    NA    18.0
## 3409      83      66    1020.8    1018.7    NA    NA    19.6
## 3410      69      35    1018.0    1013.1    NA    NA    21.5
## 3411      69      55    1015.7    1012.8    NA    NA    25.0
## 3412      70      57    1018.6    1017.2    NA    NA    20.7
## 3413      84      51    1022.1    1018.7    NA    NA    20.3
## 3414      NA      23       NA    1014.1    NA    NA      NA
## 3415      46      NA    1016.2        NA    NA    NA    30.8
## 3416      63      50    1019.6    1015.1    NA    NA    24.7
## 3417      79      39    1013.2    1007.4    NA    NA    23.9
## 3418      66      58    1010.7    1010.5    NA    NA    27.6
## 3419      92      68    1018.1    1017.1    NA    NA    18.9
## 3420      82      66    1019.3    1017.0    NA    NA    20.6
## 3421      74      57    1014.0    1009.0    NA    NA    22.9
## 3422      71      60    1003.9    1002.8    NA    NA    23.6
## 3423      40      21    1003.4    1003.1    NA    NA    20.3
## 3424      44      22    1009.8    1006.6    NA    NA    18.1
## 3425      36      15    1010.5    1006.8    NA    NA    22.5
```

## 3426	67	23	1012.5	1007.4	NA	NA	23.6
## 3427	65	20	1013.9	1007.8	NA	NA	24.8
## 3428	53	12	1008.5	1005.2	NA	NA	27.9
## 3429	94	61	1017.1	1014.1	NA	NA	17.4
## 3430	77	52	1015.2	1010.9	NA	NA	21.9
## 3431	79	38	1011.3	1006.0	NA	NA	24.3
## 3432	65	63	1015.4	1012.8	NA	NA	24.1
## 3433	83	73	1012.3	1009.2	NA	NA	22.5
## 3434	99	54	1008.9	1009.6	NA	NA	20.3
## 3435	NA	NA	NA	NA	NA	NA	NA
## 3436	79	NA	1016.9	NA	NA	NA	23.9
## 3437	79	48	1016.3	1015.3	NA	NA	23.6
## 3438	61	54	1018.4	1016.5	NA	NA	23.2
## 3439	90	60	1015.1	1013.8	NA	NA	23.1
## 3440	NA	69	NA	1010.7	NA	NA	NA
## 3441	85	72	1010.4	1008.3	NA	NA	24.6
## 3442	85	NA	1016.8	NA	NA	NA	21.2
## 3443	89	77	1021.9	1020.4	NA	NA	20.9
## 3444	94	81	1023.1	1022.0	NA	NA	22.5
## 3445	83	53	1023.3	1020.5	NA	NA	23.1
## 3446	86	43	1021.1	1016.8	NA	NA	21.9
## 3447	82	42	1017.4	1012.6	NA	NA	23.9
## 3448	80	35	1009.0	1006.0	NA	NA	24.5
## 3449	NA	77	NA	1010.5	NA	NA	NA
## 3450	97	92	1007.6	1003.9	NA	NA	22.1
## 3451	94	54	1007.0	1003.4	NA	NA	22.0
## 3452	61	56	1012.6	1013.7	NA	NA	23.0
## 3453	68	50	1017.1	1015.5	NA	NA	19.9
## 3454	NA	48	NA	1023.2	NA	NA	NA
## 3455	81	56	1025.0	1022.7	NA	NA	20.1
## 3456	79	45	1022.2	1017.6	NA	NA	19.9
## 3457	85	43	1018.3	1014.1	NA	NA	21.2
## 3458	76	32	1015.8	1011.7	NA	NA	24.1
## 3459	NA	59	NA	1015.7	NA	NA	NA
## 3460	67	60	1022.2	1021.2	NA	NA	19.5
## 3461	70	52	1026.7	1026.1	NA	NA	20.6
## 3462	72	61	1027.5	1024.7	NA	NA	19.1
## 3463	86	37	1022.0	1017.4	NA	NA	18.9
## 3464	NA	78	NA	1015.5	NA	NA	NA
## 3465	70	78	1019.8	1019.6	NA	NA	17.2
## 3466	73	53	1020.1	1018.6	NA	NA	16.5
## 3467	66	53	1019.9	1018.1	NA	NA	19.2
## 3468	84	63	1017.1	1013.7	NA	NA	18.2
## 3469	80	NA	1012.4	NA	NA	NA	21.9
## 3470	93	58	1012.3	1010.5	NA	NA	21.1
## 3471	85	69	1014.3	1011.6	NA	NA	22.8
## 3472	82	52	1011.8	1009.3	NA	NA	23.4
## 3473	57	42	1013.9	1012.9	NA	NA	21.7
## 3474	66	NA	1021.8	NA	NA	NA	18.9
## 3475	62	48	1032.2	1031.9	NA	NA	18.0
## 3476	66	50	1036.2	1034.9	NA	NA	19.2
## 3477	72	53	1035.4	1033.2	NA	NA	19.2
## 3478	78	44	1031.2	1027.7	NA	NA	19.2
## 3479	81	50	1026.4	1022.1	NA	NA	18.3

```
## 3480          88        37     1024.0      1022.2      NA      NA      17.7
## 3481          89        33     1026.5      1024.3      NA      NA      15.1
## 3482          87        43     1027.1      1023.6      NA      NA      15.9
## 3483          99        31     1022.8      1018.8      NA      NA      15.9
## 3484          NA        30     1021.6      1018.9      NA      NA        NA
## 3485          80        27     1018.4      1014.4      NA      NA      20.7
## 3486          69        47     1020.8      1018.3      NA      NA      21.0
## 3487          83        NA     1020.7          NA      NA      NA      18.8
## 3488          80        58     1022.2      1020.5      NA      NA      19.2
## 3489          78        50     1023.8      1019.1      NA      NA      19.9
## 3490          88        31     1019.7      1015.2      NA      NA      19.1
## 3491          69        54     1020.5      1018.0      NA      NA      22.2
## 3492          83        49     1019.7      1014.3      NA      NA      22.0
## 3493          91        NA     1017.5          NA      NA      NA      21.2
## 3494          97        88     1020.2      1019.1      NA      NA      18.7
## 3495          89        66     1020.8      1018.5      NA      NA      18.2
## 3496          67        38     1019.1      1016.3      NA      NA      18.3
## 3497          79        47     1020.6      1018.3      NA      NA      18.2
## 3498          79        51     1022.2      1019.6      NA      NA      16.4
## 3499          79        64     1023.2      1021.1      NA      NA      16.5
## 3500          65        63     1021.7      1019.1      NA      NA      20.3
## 3501          77        64     1021.0      1017.7      NA      NA      18.9
## 3502          99        72     1017.1      1012.3      NA      NA      17.6
## 3503          61        39     1013.4      1012.3      NA      NA      23.2
## 3504          64        55     1015.6      1010.9      NA      NA      19.9
## 3505          83        49     1011.1      1007.8      NA      NA      17.9
## 3506          76        34     1008.3      1006.7      NA      NA      20.9
## 3507          39        24     1015.0      1012.0      NA      NA      16.7
## 3508          54        46     1022.4      1020.1      NA      NA      17.0
## 3509          83        39     1023.5      1019.1      NA      NA      14.7
## 3510          71        41     1022.6      1020.3      NA      NA      17.3
## 3511          81        57     1027.5      1025.3      NA      NA      17.5
## 3512          78        59     1028.6      1025.9      NA      NA      19.7
## 3513          83        52     1027.9      1024.2      NA      NA      19.4
## 3514          80        58     1026.7      1023.5      NA      NA      21.0
## 3515          87        47     1025.9      1021.5      NA      NA      19.1
## 3516          87        40     1023.7      1020.0      NA      NA      17.8
## 3517          78        31     1023.2      1019.1      NA      NA      18.8
## 3518          69        38     1021.3      1015.9      NA      NA      20.1
## 3519          71        60     1015.0      1010.7      NA      NA      19.5
## 3520          82        NA     1013.9          NA      NA      NA      16.4
## 3521          52        33     1024.8      1022.3      NA      NA      16.5
## 3522          96        54     1020.7      1018.1      NA      NA      11.2
## 3523          68        32     1021.5      1016.9      NA      NA      14.4
## 3524          52        34     1020.6      1017.4      NA      NA      17.5
## 3525          66        NA     1025.8          NA      NA      NA      15.8
## 3526          NA        NA         NA          NA      NA      NA        NA
## 3527          NA        NA         NA          NA      NA      NA        NA
## 3528          NA        64         NA      1024.5      NA      NA        NA
## 3529         100        56     1022.0      1016.1      NA      NA      15.3
## 3530          92        41     1013.0      1012.3      NA      NA      14.2
## 3531          NA        39         NA      1019.2      NA      NA        NA
## 3532          NA        NA         NA          NA      NA      NA        NA
## 3533          61        38     1022.6      1019.5      NA      NA      14.0
```

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## 3534      NA     32     NA    1018.3    NA    NA     NA
## 3535      83     35   1020.9  1015.7    NA    NA    14.6
## 3536      83     21   1012.9  1009.5    NA    NA    12.6
## 3537      35     25   1018.8  1017.1    NA    NA    13.0
## 3538      50     35   1019.4  1016.2    NA    NA    13.6
## 3539      69     35   1019.3  1015.5    NA    NA    12.5
## 3540      52     34   1018.3  1016.2    NA    NA    14.8
## 3541      NA     39     NA    1018.8    NA    NA     NA
## 3542      99     67   1020.3  1017.3    NA    NA    11.7
## 3543      77     64   1018.9  1017.9    NA    NA    14.0
## 3544      70     56   1022.7  1020.7    NA    NA    14.7
## 3545      93     55   1023.6  1020.1    NA    NA    11.9
## 3546      87     67   1021.2  1018.5    NA    NA    13.2
## 3547      71     50   1022.2  1020.2    NA    NA    13.1
## 3548      71     63   1024.0  1021.1    NA    NA    12.4
## 3549     100     60   1020.2  1016.0    NA    NA    11.2
## 3550     100     81   1012.0  1007.1    NA    NA    13.0
## 3551      NA    100     NA    1006.6    NA    NA     NA
## 3552      80     86   1019.2  1018.7    NA    NA    14.4
## 3553      99     52   1021.5  1017.5    NA    NA    11.9
## 3554      99     86   1010.0  1004.8    NA    NA    13.6
## 3555      82     50   1003.6  1002.7    NA    NA    13.0
## 3556      97     94   1010.3  1012.1    NA    NA    14.3
## 3557      76     51   1020.0  1018.3    NA    NA    15.3
## 3558      92     60   1021.5  1020.0    NA    NA    11.8
## 3559      87     92   1023.8  1021.5    NA    NA    14.7
## 3560      89     94   1019.8  1017.3    NA    NA    15.1
## 3561      69     48   1015.1  1012.2    NA    NA    15.1
## 3562      63     53   1015.7  1016.8    NA    NA    12.8
## 3563      59     58   1024.8  1023.5    NA    NA    11.9
## 3564      99     57   1023.9  1018.8    NA    NA     8.9
## 3565      99     44   1012.5  1009.2    NA    NA     7.2
## 3566      51     35   1018.4  1018.3    NA    NA    11.9
## 3567      83     44   1020.3  1016.7    NA    NA     7.0
## 3568      85     39   1022.6  1022.0    NA    NA     8.6
## 3569      68     39   1030.1  1029.2    NA    NA     9.3
## 3570      77     46   1035.1  1032.3    NA    NA     9.2
## 3571      99     52   1033.1  1029.1    NA    NA     8.2
## 3572     100     56   1029.2  1024.1    NA    NA     8.9
## 3573      82     56   1015.4  1010.5    NA    NA    11.6
## 3574      76     40   1017.5  1015.7    NA    NA     8.9
## 3575      80     46   1019.2  1018.4    NA    NA     7.6
## 3576      89     42   1025.7  1024.1    NA    NA     9.8
## 3577      79     62   1033.3  1032.9    NA    NA    11.9
## 3578      80     68   1037.6  1036.2    NA    NA    13.6
## 3579      91     98   1038.0  1034.9    NA    NA    11.1
## 3580     100     56   1032.0  1027.3    NA    NA    10.4
## 3581     100     72   1025.6  1020.8    NA    NA     9.8
## 3582      89     45   1017.7  1017.0    NA    NA    12.8
## 3583      70     39   1021.3  1019.3    NA    NA     9.3
## 3584      69     39   1021.4  1018.0    NA    NA     8.3
## 3585      82     39   1020.3  1017.1    NA    NA     5.0
## 3586      84     39   1021.0  1018.8    NA    NA     4.3
## 3587      83     44   1025.2  1023.1    NA    NA     6.5
```

```
## 3588     95    72   1027.2   1023.9   NA   NA    6.5
## 3589     68    39   1026.4   1026.6   NA   NA    9.9
## 3590     65    44   1030.2   1027.3   NA   NA   10.0
## 3591     80    67   1027.6   1024.3   NA   NA    9.4
## 3592    100    57   1017.5   1015.8   NA   NA   11.2
## 3593     71    56   1024.7   1023.1   NA   NA   11.2
## 3594     70    64   1027.8   1026.0   NA   NA   11.3
## 3595     91    65   1030.0   1028.1   NA   NA   10.9
## 3596    100    66   1029.0   1025.6   NA   NA    9.2
## 3597    100    98   1022.1   1020.1   NA   NA   11.5
## 3598    100    46   1023.9   1021.3   NA   NA    9.6
## 3599     99    87   1020.8   1015.2   NA   NA   11.7
## 3600     53    38   1009.5   1009.4   NA   NA   13.7
## 3601     51    42   1016.1   1018.0   NA   NA   12.1
## 3602     62    48   1026.4   1024.3   NA   NA   10.3
## 3603     83    45   1028.6   1024.6   NA   NA    8.2
## 3604     97    42   1022.8   1017.8   NA   NA    6.3
## 3605     98    63   1018.4   1016.4   NA   NA    7.1
## 3606     61    32   1023.2   1021.5   NA   NA   10.8
## 3607     65    41   1027.3   1025.0   NA   NA   10.0
## 3608     60    47   1029.2   1028.4   NA   NA   10.4
## 3609     68    NA   1033.0     NA     NA   NA   11.5
## 3610     86    46   1031.0   1027.5   NA   NA   10.9
## 3611     99    64   1030.5   1027.9   NA   NA   11.6
## 3612     93    67   1034.5   1033.2   NA   NA    9.4
## 3613     94    59   1036.1   1032.7   NA   NA   10.8
## 3614    100   100   1030.3   1025.0   NA   NA   10.4
## 3615    100   100   1019.4   1016.1   NA   NA   10.4
## 3616    100    76   1017.3   1013.7   NA   NA   10.6
## 3617    100    44   1012.3   1012.6   NA   NA   13.5
## 3618     75    37   1020.2   1014.0   NA   NA   10.3
## 3619     55    47   1016.1   1012.7   NA   NA   10.7
## 3620     68    59   1017.7   1017.9   NA   NA   14.0
## 3621     75    41   1019.3   1014.9   NA   NA   11.2
## 3622     80    NA   1018.3     NA     NA   NA    7.6
## 3623     58    38   1020.9   1019.5   NA   NA   10.9
## 3624     63    36   1025.4   1022.0   NA   NA    9.5
## 3625     93    42   1022.5   1019.0   NA   NA    6.6
## 3626     88    37   1023.9   1020.9   NA   NA    8.7
## 3627    100   100   1019.3   1014.1   NA   NA    8.5
## 3628     81    42   1009.4   1003.6   NA   NA   10.6
## 3629     54    51   1002.2   1003.0   NA   NA   12.6
## 3630     52    42   1012.9   1012.2   NA   NA   13.7
## 3631     99    44   1014.9   1009.8   NA   NA    8.3
## 3632     78    38   1006.8   1004.1   NA   NA   11.0
## 3633     49    37   1012.4   1010.9   NA   NA   13.6
## 3634     54    27   1022.5   1019.7   NA   NA   10.4
## 3635     84    45   1020.9   1011.5   NA   NA    7.3
## 3636     59    30   1007.4   1005.6   NA   NA   19.2
## 3637     45    31   1012.6   1011.8   NA   NA   14.6
## 3638     59    40   1018.1   1016.1   NA   NA   11.5
## 3639     63    35   1024.1   1020.3   NA   NA   10.8
## 3640     87    68   1017.3   1011.4   NA   NA   10.3
## 3641     68    36   1013.0   1008.5   NA   NA   13.0
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## 3642	40	30	1008.4	1005.9	NA	NA	13.9
## 3643	44	42	1003.5	1001.5	NA	NA	13.7
## 3644	48	43	1008.6	1009.0	NA	NA	14.1
## 3645	55	33	1022.3	1022.0	NA	NA	12.3
## 3646	72	43	1029.3	1025.5	NA	NA	11.2
## 3647	67	47	1027.8	1023.8	NA	NA	13.9
## 3648	77	44	1025.8	1019.9	NA	NA	14.1
## 3649	76	42	1018.2	1013.0	NA	NA	13.1
## 3650	92	77	1016.8	1014.5	NA	NA	15.6
## 3651	100	82	1026.9	1023.8	NA	NA	11.5
## 3652	100	80	1014.8	1006.1	NA	NA	13.3
## 3653	50	40	1010.2	1011.0	NA	NA	18.0
## 3654	54	36	1019.4	1017.6	NA	NA	14.6
## 3655	64	48	1024.0	1023.1	NA	NA	13.4
## 3656	64	33	1027.9	1023.3	NA	NA	12.5
## 3657	95	75	1018.4	1010.7	NA	NA	11.0
## 3658	100	43	1004.8	1001.8	NA	NA	12.3
## 3659	47	29	1017.9	1016.7	NA	NA	15.4
## 3660	70	46	1022.9	1017.6	NA	NA	13.4
## 3661	70	31	1016.4	1013.0	NA	NA	16.3
## 3662	78	99	1017.1	1012.3	NA	NA	16.1
## 3663	66	24	1011.2	1010.1	NA	NA	16.4
## 3664	56	30	1015.8	1011.8	NA	NA	14.1
## 3665	51	29	1021.8	1017.7	NA	NA	12.9
## 3666	59	27	1017.9	1013.7	NA	NA	12.6
## 3667	68	56	1022.2	1019.7	NA	NA	13.4
## 3668	63	57	1024.4	1022.6	NA	NA	15.7
## 3669	72	57	1023.3	1021.9	NA	NA	16.6
## 3670	71	56	1026.9	1020.3	NA	NA	15.9
## 3671	76	66	1025.1	1022.3	NA	NA	15.8
## 3672	75	46	1022.6	1017.5	NA	NA	17.2
## 3673	55	28	1016.9	1014.2	NA	NA	17.3
## 3674	52	30	1020.8	1016.7	NA	NA	17.8
## 3675	70	41	1014.8	1008.7	NA	NA	16.6
## 3676	44	22	1013.6	1009.7	NA	NA	20.2
## 3677	44	52	1017.3	1017.6	NA	NA	15.3
## 3678	53	34	1025.7	1022.4	NA	NA	13.0
## 3679	70	57	1028.9	1026.3	NA	NA	12.4
## 3680	68	88	1030.3	1028.4	NA	NA	17.8
## 3681	100	85	1030.2	1027.8	NA	NA	14.5
## 3682	100	65	1026.9	1022.9	NA	NA	15.9
## 3683	95	62	1023.0	1020.7	NA	NA	17.2
## 3684	89	71	1022.9	1019.0	NA	NA	18.0
## 3685	100	69	1015.4	1017.1	NA	NA	16.2
## 3686	80	56	1024.3	1021.5	NA	NA	15.3
## 3687	73	70	1027.2	1025.9	NA	NA	15.1
## 3688	87	49	1032.0	1031.8	NA	NA	15.1
## 3689	81	60	1033.8	1031.9	NA	NA	18.1
## 3690	83	55	1030.5	1025.2	NA	NA	16.7
## 3691	100	61	1020.2	1015.1	NA	NA	15.7
## 3692	78	53	1011.5	1008.3	NA	NA	20.9
## 3693	83	65	999.1	989.1	NA	NA	20.0
## 3694	43	40	1000.8	1004.4	NA	NA	11.0
## 3695	53	39	1013.7	1011.5	NA	NA	13.8

```
## 3696      57      40      1019.1      1015.7      NA      NA      14.9
## 3697      82      64      1026.1      1026.6      NA      NA      12.8
## 3698      67      45      1029.3      1025.0      NA      NA      16.0
## 3699      78      49      1026.5      1021.7      NA      NA      16.1
## 3700      81      53      1022.0      1017.4      NA      NA      17.6
## 3701      74      52      1017.2      1014.3      NA      NA      18.4
## 3702      90      92      1022.3      1021.6      NA      NA      11.8
## 3703      73      57      1021.4      1018.6      NA      NA      16.8
## 3704      80      39      1018.5      1014.6      NA      NA      16.2
## 3705      61      72      1016.6      1014.0      NA      NA      17.6
## 3706      99      63      1022.5      1020.5      NA      NA      13.8
## 3707      84      71      1021.3      1017.9      NA      NA      15.5
## 3708      81      53      1015.9      1011.3      NA      NA      17.6
## 3709      95      45      1012.2      1009.8      NA      NA      19.5
## 3710      68      78      1015.5      1012.5      NA      NA      19.3
## 3711      68      55      1012.5      1012.9      NA      NA      14.7
## 3712      72      40      1018.4      1015.8      NA      NA      17.6
## 3713      78      80      1022.8      1020.8      NA      NA      14.8
## 3714      77      51      1024.5      1022.6      NA      NA      14.9
## 3715      88      82      1024.3      1022.2      NA      NA      13.8
## 3716      90      59      1021.7      1017.7      NA      NA      14.8
## 3717      80      73      1017.4      1014.3      NA      NA      19.2
## 3718      85      70      1025.2      1024.3      NA      NA      19.8
## 3719      86      82      1021.9      1017.5      NA      NA      20.9
## 3720      78      52      1017.2      1011.7      NA      NA      20.3
## 3721      76      36      1014.4      1010.9      NA      NA      21.7
## 3722      70      61      1015.7      1012.9      NA      NA      23.5
## 3723      75      46      1015.9      1012.4      NA      NA      25.4
## 3724      83      96      1013.8      1012.7      NA      NA      20.5
## 3725      81      64      1013.6      1010.8      NA      NA      20.3
## 3726      79      65      1017.5      1015.5      NA      NA      17.6
## 3727      80      47      1015.8      1011.5      NA      NA      18.8
## 3728      73      62      1022.9      1024.3      NA      NA      16.0
## 3729      62      50      1027.7      1024.2      NA      NA      17.7
## 3730      76      48      1025.2      1022.1      NA      NA      18.2
## 3731      71      49      1026.3      1023.5      NA      NA      19.6
## 3732      70      50      1027.6      1023.8      NA      NA      20.6
## 3733      73      41      1025.7      1021.1      NA      NA      20.2
## 3734      72      37      1020.8      1016.9      NA      NA      21.2
## 3735      64      47      1017.7      1014.9      NA      NA      23.0
## 3736      70      50      1016.0      1010.6      NA      NA      22.5
## 3737      90      93      1011.1      1010.6      NA      NA      19.6
## 3738      93      81      1014.4      1013.7      NA      NA      16.6
## 3739      98      85      1016.8      1014.6      NA      NA      16.5
## 3740      99      93      1016.4      1015.7      NA      NA      18.2
## 3741      88      83      1018.4      1016.0      NA      NA      20.0
## 3742      82      68      1017.8      1014.3      NA      NA      21.8
## 3743      88      68      1013.2      1010.2      NA      NA      20.3
## 3744      78      80      1012.2      1010.7      NA      NA      22.2
## 3745      79      97      1014.5      1013.2      NA      NA      23.4
## 3746      79      58      1016.7      1014.6      NA      NA      23.5
## 3747      76      55      1016.9      1011.7      NA      NA      23.2
## 3748      94      63      1011.0      1007.9      NA      NA      22.9
## 3749      97      53      1009.6      1005.9      NA      NA      21.3
```

```
## 3750         53        25      1008.4    1002.8    NA    NA    21.5
## 3751         57        29      1004.4    1003.6    NA    NA    23.2
## 3752         63        52      1014.2    1012.2    NA    NA    21.4
## 3753         73        53      1016.8    1013.1    NA    NA    22.3
## 3754         77        55      1011.3    1006.0    NA    NA    22.0
## 3755         70        97      1004.0    1003.7    NA    NA    24.1
## 3756         81        73      1006.5    1003.9    NA    NA    18.9
## 3757         73        70      1003.5    1001.2    NA    NA    17.3
## 3758         86        56      1003.9     995.1    NA    NA    15.4
## 3759         48        47       998.8    1002.0    NA    NA    16.0
## 3760         46        34      1009.8    1008.5    NA    NA    19.2
## 3761         67        53      1019.1    1017.8    NA    NA    20.6
## 3762         83        40      1018.5    1016.2    NA    NA    20.2
## 3763         72        56      1026.5    1023.7    NA    NA    18.2
## 3764         70        45      1017.5    1010.9    NA    NA    20.9
## 3765         94        65      1007.4    1001.5    NA    NA    19.5
## 3766         96        81      1005.9    1006.1    NA    NA    16.7
## 3767         64        56      1019.7    1019.1    NA    NA    16.8
## 3768         72        53      1018.7    1014.0    NA    NA    20.5
## 3769         70        58      1017.1    1015.1    NA    NA    23.6
## 3770         84        41      1016.3    1013.1    NA    NA    23.8
## 3771         74        27      1013.8    1009.3    NA    NA    24.4
## 3772         71        60      1012.8    1010.5    NA    NA    23.6
## 3773         94        97      1015.3    1012.5    NA    NA    17.9
## 3774         73        66      1015.0    1011.9    NA    NA    19.2
## 3775         78        56      1008.3    1005.1    NA    NA    19.1
## 3776         72        55      1011.7    1011.2    NA    NA    20.5
## 3777         83        86      1014.4    1013.1    NA    NA    21.7
## 3778         87        55      1014.3    1011.7    NA    NA    21.6
## 3779        100        59      1014.9    1014.1    NA    NA    22.0
## 3780         90        67      1016.9    1015.1    NA    NA    22.9
## 3781         90        83      1015.1    1012.2    NA    NA    22.1
## 3782         84        68      1012.9    1011.0    NA    NA    24.2
## 3783         74        57      1015.1    1013.1    NA    NA    24.7
## 3784         71        48      1012.9    1008.8    NA    NA    24.1
## 3785         91        71      1009.8    1007.6    NA    NA    21.6
## 3786         82        59      1010.8    1007.1    NA    NA    24.2
## 3787         76        63      1003.2    1001.0    NA    NA    24.0
## 3788         66        61      1008.2    1007.0    NA    NA    22.3
## 3789         84        58      1010.3    1009.0    NA    NA    20.6
## 3790         67        52      1014.0    1012.9    NA    NA    24.1
## 3791         73        35      1015.7    1012.5    NA    NA    22.5
## 3792         70        NA      1016.7        NA    NA    NA    24.0
## 3793         65        NA      1012.8        NA    NA    NA    23.6
## 3794         76        49      1004.6    1001.3    NA    NA    22.4
## 3795         70        45      1008.8    1006.5    NA    NA    23.2
## 3796         81        50      1012.1    1009.7    NA    NA    24.8
## 3797         75        46      1013.6    1010.1    NA    NA    26.8
## 3798         76        51      1019.7    1018.9    NA    NA    21.7
## 3799         67        49      1022.1    1020.7    NA    NA    21.8
## 3800         70        26      1020.5    1015.5    NA    NA    20.0
## 3801         62        20      1015.7    1011.3    NA    NA    26.1
## 3802         79        21      1012.0    1006.7    NA    NA    24.5
## 3803         42        38      1015.4    1011.4    NA    NA    30.7
```

```
## 3804        81        39        1011.8        1010.9        NA        NA        26.0
## 3805        63        44        1015.1        1009.8        NA        NA        28.4
## 3806        76        21        1010.5        1007.1        NA        NA        27.3
## 3807        64        67        1013.2        1016.4        NA        NA        27.3
## 3808        60        48        1024.6        1020.6        NA        NA        17.9
## 3809        68        52        1020.1        1018.7        NA        NA        20.5
## 3810        57        56        1024.9        1023.3        NA        NA        21.7
## 3811        84        44        1024.1        1019.6        NA        NA        20.1
## 3812        76        30        1016.4        1011.2        NA        NA        22.5
## 3813        81        71        1015.4        1017.3        NA        NA        22.4
## 3814        91        73        1017.8        1019.0        NA        NA        21.1
## 3815        69        77        1024.2        1024.2        NA        NA        20.4
## 3816        75        61        1024.7        1022.3        NA        NA        19.2
## 3817        80        57        1020.2        1016.5        NA        NA        20.8
## 3818        97        59        1014.3        1011.2        NA        NA        21.8
## 3819        88        66        1015.6        1014.4        NA        NA        21.9
## 3820        85        35        1011.4        1006.0        NA        NA        23.6
## 3821        65        34        1007.2        1005.8        NA        NA        29.8
## 3822        78        55        1013.5        1012.1        NA        NA        20.1
## 3823        59        48        1022.7        1022.1        NA        NA        17.6
## 3824        72        40        1023.5        1021.0        NA        NA        20.5
## 3825        80        29        1020.5        1015.5        NA        NA        18.7
## 3826        75        33        1014.9        1011.7        NA        NA        20.3
## 3827        81        27        1013.3        1008.6        NA        NA        21.8
## 3828        90        54        1009.6        1007.9        NA        NA        20.5
## 3829        89        58        1010.9        1007.4        NA        NA        21.4
## 3830        62        24        1003.2        1003.5        NA        NA        25.8
## 3831        74        64        1017.7        1015.6        NA        NA        17.9
## 3832        76        16        1009.6        1007.5        NA        NA        19.8
## 3833        71        16        1012.2        1009.4        NA        NA        20.8
## 3834        72        60        1023.5        1023.9        NA        NA        16.6
## 3835        48        42        1027.6        1026.4        NA        NA        19.8
## 3836        65        48        1025.5        1021.9        NA        NA        18.8
## 3837        80        32        1020.2        1015.0        NA        NA        18.0
## 3838        85        39        1015.9        1013.6        NA        NA        19.7
## 3839        67        61        1013.7        1012.6        NA        NA        23.1
## 3840        87        59        1016.7        1015.4        NA        NA        20.9
## 3841        83        45        1021.1        1018.8        NA        NA        21.6
## 3842        93        37        1021.9        1017.5        NA        NA        21.1
## 3843        74        68        1020.1        1021.1        NA        NA        23.4
## 3844        85        53        1022.1        1018.5        NA        NA        19.6
## 3845        87        59        1017.6        1016.6        NA        NA        20.1
## 3846        89        70        1020.0        1017.2        NA        NA        20.0
## 3847        75        69        1015.9        1014.4        NA        NA        20.5
## 3848        95        91        1015.5        1012.8        NA        NA        19.4
## 3849        99        92        1013.4        1011.0        NA        NA        18.9
## 3850        98        72        1007.5        1003.2        NA        NA        20.6
## 3851        96        47        1001.5         999.2        NA        NA        20.9
## 3852        83        36        1003.3        1001.2        NA        NA        20.8
## 3853        58        35        1005.4        1003.9        NA        NA        19.4
## 3854        56        40        1008.6        1009.3        NA        NA        20.0
## 3855        62        54        1020.0        1020.4        NA        NA        18.5
## 3856        74        68        1025.1        1024.7        NA        NA        16.6
## 3857        82        70        1027.4        1026.0        NA        NA        17.5
```

```
## 3858      97      53      1026.4      1022.0      NA      NA      16.8
## 3859      87      71      1020.4      1017.2      NA      NA      17.7
## 3860      76      72      1023.6      1023.5      NA      NA      18.5
## 3861      84      49      1019.3      1015.6      NA      NA      17.1
## 3862     100      68      1016.9      1015.0      NA      NA      12.4
## 3863      97      68      1015.4      1014.1      NA      NA      14.9
## 3864      66      49      1017.3      1015.4      NA      NA      16.0
## 3865      67      49      1021.9      1021.4      NA      NA      15.0
## 3866      68      41      1024.6      1020.4      NA      NA      13.6
## 3867      85      46      1019.7      1015.2      NA      NA      11.9
## 3868      83      35      1014.4      1010.4      NA      NA      11.0
## 3869      59      55      1015.6      1014.3      NA      NA      13.8
## 3870      54      37      1016.3      1013.2      NA      NA      12.8
## 3871      99      39      1009.3      1007.0      NA      NA       5.5
## 3872      52      33      1011.0      1009.9      NA      NA      11.2
## 3873      69      41      1012.3      1008.4      NA      NA      12.1
## 3874      49      34      1016.4      1018.1      NA      NA      12.5
## 3875      66      35      1029.1      1026.8      NA      NA      10.0
## 3876      81      30      1030.2      1025.9      NA      NA       8.4
## 3877      77      43      1030.7      1028.0      NA      NA      10.3
## 3878      86      45      1032.9      1029.4      NA      NA      10.5
## 3879     100      55      1031.6      1027.8      NA      NA       9.6
## 3880     100      42      1028.6      1024.2      NA      NA      11.6
## 3881      80      42      1025.6      1021.2      NA      NA      13.2
## 3882     100      50      1021.2      1015.0      NA      NA      10.8
## 3883      92      41      1005.7      1001.4      NA      NA      15.1
## 3884      56      67      1005.3      1004.7      NA      NA      15.3
## 3885      58      52      1011.9      1011.7      NA      NA      13.3
## 3886      54      43      1017.1      1015.3      NA      NA      14.7
## 3887      80      47      1019.3      1017.9      NA      NA       9.9
## 3888      79      58      1024.3      1022.5      NA      NA      10.9
## 3889      93      72      1025.6      1022.2      NA      NA      10.8
## 3890      99      96      1022.0      1019.1      NA      NA      12.5
## 3891      96      79      1020.4      1019.9      NA      NA      15.4
## 3892      86      75      1026.0      1025.3      NA      NA      15.3
## 3893      89      58      1026.0      1022.9      NA      NA      15.6
## 3894      92      49      1019.7      1014.6      NA      NA      11.2
## 3895      98      69      1015.5      1013.9      NA      NA      10.0
## 3896      78      45      1018.3      1012.9      NA      NA      10.6
## 3897      63      46      1016.1      1015.9      NA      NA      12.9
## 3898      98      45      1017.8      1013.5      NA      NA       5.4
## 3899      53      39      1015.6      1013.3      NA      NA       9.5
## 3900      55      45      1014.1      1011.9      NA      NA      11.0
## 3901      54      64      1016.3      1017.4      NA      NA      13.6
## 3902      68      66      1025.0      1024.8      NA      NA      12.7
## 3903      84      64      1026.1      1023.7      NA      NA      12.3
## 3904      79      94      1024.7      1022.2      NA      NA      12.9
## 3905      86      90      1022.1      1020.9      NA      NA      13.6
## 3906      80      77      1024.0      1022.2      NA      NA      14.1
## 3907      82      57      1022.0      1016.9      NA      NA      12.9
## 3908      99      47      1008.3      1006.4      NA      NA       6.4
## 3909      56      47      1012.0      1010.6      NA      NA      11.9
## 3910      87      43      1016.6      1014.1      NA      NA       8.7
## 3911      88      45      1015.7      1012.3      NA      NA       8.6
```

```
## 3912     71     60     1004.4     1003.2     NA     NA     11.5
## 3913     64     42     1011.0     1011.0     NA     NA     10.4
## 3914     75     42     1016.7     1017.6     NA     NA     11.5
## 3915     90     48     1026.7     1024.6     NA     NA      8.5
## 3916    100     57     1031.4     1027.9     NA     NA      8.0
## 3917    100     42     1026.9     1023.2     NA     NA      5.6
## 3918     99     52     1028.3     1027.2     NA     NA      8.3
## 3919     92     54     1034.8     1032.8     NA     NA     10.2
## 3920     74     89     1037.4     1036.4     NA     NA     14.8
## 3921     93     61     1038.2     1035.0     NA     NA     11.9
## 3922     94     62     1032.2     1028.1     NA     NA     11.9
## 3923     86     59     1026.9     1022.4     NA     NA     13.1
## 3924    100     51     1022.3     1016.9     NA     NA      6.9
## 3925     68     50     1014.2     1010.1     NA     NA     15.2
## 3926     43     34     1009.9     1005.0     NA     NA     13.8
## 3927     48     39     1010.0     1007.5     NA     NA     13.3
## 3928     50     38     1008.9     1014.3     NA     NA     13.8
## 3929     81     36     1022.6     1018.2     NA     NA      5.6
## 3930     66     40     1019.6     1016.2     NA     NA      7.7
## 3931     49     33     1015.5     1010.6     NA     NA     11.0
## 3932     48     32     1018.1     1018.1     NA     NA     11.4
## 3933     84     38     1022.6     1017.9     NA     NA      5.3
## 3934     86     67     1019.2     1017.3     NA     NA      5.3
## 3935     73     35     1026.2     1027.4     NA     NA      9.2
## 3936     71     63     1035.1     1032.5     NA     NA      7.7
## 3937    100     67     1031.9     1027.7     NA     NA     10.3
## 3938     98     66     1025.3     1021.4     NA     NA     10.7
## 3939    100     46     1018.9     1014.8     NA     NA      5.3
## 3940     99     82     1014.8     1011.8     NA     NA      2.3
## 3941     77     61     1014.3     1014.6     NA     NA     14.1
## 3942     86     91     1017.3     1015.7     NA     NA     11.6
## 3943     86     93     1019.2     1019.2     NA     NA     11.7
## 3944     72     74     1020.9     1019.6     NA     NA     11.7
## 3945     85     53     1020.2     1017.9     NA     NA      8.1
## 3946     89     51     1018.0     1014.7     NA     NA      8.3
## 3947     97     42     1020.2     1019.1     NA     NA      7.8
## 3948     71     56     1027.2     1026.8     NA     NA     10.0
## 3949    100     49     1029.5     1025.5     NA     NA      7.1
## 3950    100     34     1027.2     1023.4     NA     NA      6.8
## 3951    100     37     1024.8     1020.4     NA     NA      8.1
## 3952    100     43     1022.6     1019.5     NA     NA      7.7
## 3953    100     42     1022.8     1019.0     NA     NA      9.4
## 3954    100     33     1023.6     1020.6     NA     NA     10.4
## 3955    100     41     1023.1     1021.2     NA     NA     10.5
## 3956    100     37     1026.9     1023.5     NA     NA     12.4
## 3957     89     31     1025.7     1021.3     NA     NA     11.6
## 3958     84     51     1021.4     1016.5     NA     NA     11.2
## 3959    100     98     1017.2     1012.3     NA     NA     11.9
## 3960    100     45     1010.9     1007.8     NA     NA      9.9
## 3961    100     47     1008.4     1005.8     NA     NA      7.9
## 3962    100     36     1007.5     1004.7     NA     NA      8.7
## 3963    100     50     1009.0     1008.2     NA     NA      5.9
## 3964     86     52     1018.8     1018.4     NA     NA     13.4
## 3965    100     45     1024.6     1022.0     NA     NA      8.9
```

```
## 3966      100      67      1026.2      1023.8      NA      NA      11.9
## 3967      100      61      1026.5      1022.4      NA      NA       9.2
## 3968      100      63      1022.0      1018.3      NA      NA      13.2
## 3969      100     100      1018.5      1013.9      NA      NA      10.6
## 3970      100      38      1009.2      1009.1      NA      NA      12.1
## 3971      100      91      1014.8      1017.4      NA      NA      10.1
## 3972       72      55      1029.6      1028.9      NA      NA      15.0
## 3973       69      57      1035.6      1034.8      NA      NA      14.0
## 3974       85      60      1038.6      1036.8      NA      NA      13.4
## 3975       87      67      1036.5      1031.7      NA      NA      13.8
## 3976      100      52      1030.7      1026.4      NA      NA      12.0
## 3977      100      49      1026.0      1020.4      NA      NA      10.8
## 3978       97      55      1026.0      1022.1      NA      NA      15.6
## 3979      100      72      1022.1      1018.0      NA      NA      11.2
## 3980      100      55      1021.5      1016.5      NA      NA      12.9
## 3981       78      33      1017.2      1015.3      NA      NA      15.7
## 3982       83      64      1023.4      1020.5      NA      NA      14.2
## 3983       92      46      1024.0      1020.6      NA      NA      13.6
## 3984       88      64      1024.5      1021.8      NA      NA      16.0
## 3985       62      54      1029.8      1028.5      NA      NA      14.4
## 3986       95      45      1031.2      1026.4      NA      NA      12.1
## 3987      100      45      1028.3      1023.2      NA      NA      12.6
## 3988      100      41      1026.6      1022.4      NA      NA      15.6
## 3989       95      30      1019.6      1014.0      NA      NA      14.9
## 3990       56      27      1019.9      1016.6      NA      NA      12.4
## 3991       73      64      1021.4      1017.4      NA      NA      14.0
## 3992      100      73      1009.7      1006.0      NA      NA      10.8
## 3993       49      40      1011.0      1008.7      NA      NA      11.5
## 3994       51      40      1013.1      1011.7      NA      NA      14.8
## 3995       48      33      1023.4      1022.0      NA      NA      13.6
## 3996       81      25      1026.1      1019.3      NA      NA      11.5
## 3997       48      20      1022.4      1017.3      NA      NA      16.4
## 3998       76      53      1022.5      1017.2      NA      NA      17.7
## 3999       84      35      1018.5      1012.0      NA      NA      14.5
## 4000       51      32      1017.5      1012.3      NA      NA      18.7
## 4001      100      55      1013.2      1015.5      NA      NA      16.0
## 4002       71      50      1020.3      1012.5      NA      NA      19.3
## 4003       38      31      1004.5      1007.5      NA      NA      24.8
## 4004       43      25      1020.4      1016.6      NA      NA      16.3
## 4005       50      33      1024.2      1018.1      NA      NA      16.8
## 4006       72      16      1016.5      1013.1      NA      NA      16.9
## 4007       88      72      1021.8      1017.6      NA      NA      14.6
## 4008      100     100      1019.5      1021.2      NA      NA      11.6
## 4009       68      55      1025.4      1021.8      NA      NA      15.6
## 4010       76      44      1023.0      1017.5      NA      NA      14.9
## 4011       90     100      1015.5      1010.2      NA      NA      14.3
## 4012      100      41       997.4       996.4      NA      NA      15.3
## 4013       50      39      1004.9      1003.5      NA      NA      14.8
## 4014       65      54      1006.8      1004.9      NA      NA      14.5
## 4015      100      62      1014.4      1016.8      NA      NA      11.4
## 4016       75      49      1023.5      1020.9      NA      NA      12.7
## 4017       73      56      1024.9      1022.6      NA      NA      13.7
## 4018       83      47      1022.8      1017.8      NA      NA      14.2
## 4019       84      70      1016.7      1013.5      NA      NA      14.1
```

```
## 4020    100     73    1013.6   1009.8   NA    NA    14.8
## 4021    100     99    1011.2   1009.4   NA    NA    15.9
## 4022    100     40    1008.5   1005.0   NA    NA    13.1
## 4023    100     39    1010.0   1005.8   NA    NA    13.1
## 4024     52     31    1011.5   1009.2   NA    NA    15.2
## 4025     68     53    1017.7   1016.0   NA    NA    14.3
## 4026     77     56    1023.3   1020.5   NA    NA    16.2
## 4027     95     99    1020.8   1017.3   NA    NA    14.7
## 4028    100     52    1011.1   1006.7   NA    NA    17.7
## 4029     49     28    1014.2   1013.8   NA    NA    19.8
## 4030     64     44    1031.5   1030.6   NA    NA    14.2
## 4031     58     44    1035.2   1030.7   NA    NA    16.3
## 4032     81     33    1031.7   1026.9   NA    NA    15.6
## 4033     86     23    1028.2   1022.4   NA    NA    15.8
## 4034     67     28    1024.2   1020.6   NA    NA    19.6
## 4035     83     35    1024.9   1020.5   NA    NA    18.1
## 4036     78     31    1022.3   1016.8   NA    NA    19.6
## 4037     73     24    1014.2   1007.4   NA    NA    21.3
## 4038    100    100    1010.8   1014.4   NA    NA    17.9
## 4039     92     73    1023.1   1022.8   NA    NA    13.5
## 4040     84     76    1024.2   1022.0   NA    NA    16.1
## 4041     83     61    1019.8   1014.7   NA    NA    17.3
## 4042     92     68    1011.2   1008.4   NA    NA    19.4
## 4043    100     27    1012.4   1009.5   NA    NA    19.3
## 4044     55     51    1020.9   1018.8   NA    NA    17.9
## 4045     65     NA    1020.2      NA    NA    NA    16.8
## 4046     85     46    1011.4   1008.4   NA    NA    17.9
## 4047    100     80    1013.2   1013.8   NA    NA    13.9
## 4048     64     50    1019.1   1017.3   NA    NA    18.1
## 4049     68     42    1019.4   1014.0   NA    NA    19.0
## 4050     79     45    1013.1   1008.6   NA    NA    22.3
## 4051     64     64    1013.3   1011.5   NA    NA    25.4
## 4052    100     43    1014.5   1007.9   NA    NA    19.9
## 4053    100     53    1015.1   1010.5   NA    NA    19.9
## 4054     78     33    1010.8   1011.7   NA    NA    22.2
## 4055     73     43    1024.7   1021.1   NA    NA    18.9
## 4056     79     41    1019.2   1013.8   NA    NA    19.9
## 4057     79     60    1018.4   1012.9   NA    NA    20.2
## 4058    100     19    1009.9   1004.9   NA    NA    19.0
## 4059     63     43    1019.2   1015.0   NA    NA    21.5
## 4060     69     72    1016.8   1019.5   NA    NA    20.6
## 4061    100    100    1020.3   1018.7   NA    NA    16.0
## 4062     82     62    1018.7   1015.3   NA    NA    19.8
## 4063     91     37    1015.3   1009.5   NA    NA    20.6
## 4064     73     35    1010.0   1008.5   NA    NA    24.0
## 4065     76     63    1018.4   1014.4   NA    NA    18.2
## 4066    100     92    1011.2   1009.5   NA    NA    18.2
## 4067    100    100    1016.5   1019.7   NA    NA    13.7
## 4068     84     88    1026.7   1026.3   NA    NA    16.2
## 4069    100     90    1022.4   1020.0   NA    NA    14.7
## 4070    100     56    1007.7   1003.2   NA    NA    19.6
## 4071     49     43    1007.1   1008.1   NA    NA    23.7
## 4072     66     34    1017.2   1014.4   NA    NA    21.7
## 4073     82     54    1016.9   1012.8   NA    NA    21.4
```

```
## 4074      90      45    1009.7    1009.2    NA    NA    23.4
## 4075      59      48    1021.3    1020.2    NA    NA    15.4
## 4076      56      51    1022.5    1020.5    NA    NA    16.1
## 4077      57      38    1020.5    1015.7    NA    NA    17.3
## 4078      70      82    1014.7    1014.9    NA    NA    18.1
## 4079      59      64    1021.5    1019.8    NA    NA    14.5
## 4080      75      61    1020.5    1017.7    NA    NA    14.3
## 4081      65      53    1016.4    1013.5    NA    NA    17.4
## 4082      99     100    1014.4    1013.4    NA    NA    16.4
## 4083      74      60    1015.2    1012.6    NA    NA    20.2
## 4084      85      66    1011.8    1007.5    NA    NA    19.3
## 4085      73      90    1004.0    1002.5    NA    NA    22.2
## 4086     100      82    1007.4    1006.3    NA    NA    16.5
## 4087      70      53    1008.4    1007.4    NA    NA    17.0
## 4088      65      54    1016.1    1015.5    NA    NA    17.7
## 4089      64      55    1020.1    1017.2    NA    NA    19.0
## 4090      69      63    1021.7    1020.8    NA    NA    18.9
## 4091      66      51    1023.3    1020.9    NA    NA    18.6
## 4092      84      52    1019.9    1015.4    NA    NA    16.2
## 4093      96      75    1010.9    1007.7    NA    NA    18.0
## 4094      76      63    1013.6    1014.1    NA    NA    19.6
## 4095      81      63    1018.5    1016.2    NA    NA    18.8
## 4096      98      78    1019.0    1016.2    NA    NA    17.4
## 4097      96      66    1015.3    1012.4    NA    NA    19.4
## 4098      89      58    1014.2    1011.7    NA    NA    21.2
## 4099      89      53    1012.3    1008.6    NA    NA    21.6
## 4100      78      63    1006.7    1003.8    NA    NA    21.9
## 4101      70      56    1010.2    1010.2    NA    NA    20.8
## 4102      55      48    1014.4    1011.5    NA    NA    19.6
## 4103      65      55    1015.0    1014.4    NA    NA    20.7
## 4104      70      53    1019.8    1018.9    NA    NA    18.4
## 4105      78      63    1021.1    1018.1    NA    NA    17.7
## 4106      75      38    1017.9    1014.2    NA    NA    19.9
## 4107      71      40    1018.5    1015.3    NA    NA    21.2
## 4108      76      42    1018.2    1014.0    NA    NA    21.7
## 4109      73      33    1012.8    1010.1    NA    NA    24.3
## 4110      64      57    1018.4    1013.2    NA    NA    20.9
## 4111      76      63    1015.7    1016.2    NA    NA    18.3
## 4112      74      48    1015.7    1010.8    NA    NA    18.8
## 4113      89      66    1008.9    1002.8    NA    NA    19.5
## 4114      58      33    1006.6    1005.2    NA    NA    24.9
## 4115      44      32    1010.0    1006.8    NA    NA    22.1
## 4116      40      28    1003.9    1002.2    NA    NA    22.3
## 4117      46      39    1016.0    1014.4    NA    NA    17.4
## 4118      59      39    1017.2    1012.3    NA    NA    19.2
## 4119      79      68    1017.6    1015.6    NA    NA    18.4
## 4120      86      65    1019.5    1018.7    NA    NA    19.4
## 4121      89      82    1023.1    1021.7    NA    NA    19.4
## 4122      80      41    1023.3    1020.0    NA    NA    20.9
## 4123      70      50    1017.7    1013.7    NA    NA    23.3
## 4124      87      60    1017.5    1016.6    NA    NA    21.9
## 4125      66      58    1017.5    1014.2    NA    NA    23.4
## 4126      88      76    1015.8    1015.8    NA    NA    21.6
## 4127      78      57    1021.6    1021.4    NA    NA    19.9
```

```
## 4128          75          57       1022.9       1020.8          NA          NA       20.9
## 4129          79          72       1018.8       1016.3          NA          NA       20.7
## 4130         100         100       1014.5       1013.4          NA          NA       20.9
## 4131          92          71       1014.3       1013.1          NA          NA       22.3
## 4132          95          81       1017.7       1016.8          NA          NA       20.7
## 4133          75          68       1015.9       1012.6          NA          NA       22.3
## 4134          80          56       1011.4       1007.9          NA          NA       23.5
## 4135          83          52       1001.3        997.6          NA          NA       24.5
## 4136          54          63       1005.4       1007.2          NA          NA       26.1
## 4137          97         100       1015.5       1014.2          NA          NA       15.9
## 4138         100         100       1012.5       1011.3          NA          NA       17.3
## 4139         100         100       1007.0       1004.9          NA          NA       17.0
## 4140          96          61       1005.4       1002.8          NA          NA       20.1
## 4141         100          52       1004.2        999.3          NA          NA       19.3
## 4142          83          64       1002.3       1002.8          NA          NA       23.0
## 4143          90          82       1007.9       1007.4          NA          NA       18.7
## 4144          83          68       1011.6       1011.4          NA          NA       20.4
## 4145          84          95       1013.9       1012.3          NA          NA       20.6
## 4146         100          69       1012.1       1009.3          NA          NA       17.8
## 4147          91          96       1011.6       1010.8          NA          NA       18.5
## 4148          91          88       1015.5       1013.5          NA          NA       18.8
## 4149          76          75       1018.0       1016.2          NA          NA       21.3
## 4150          84          64       1021.3       1019.7          NA          NA       20.5
## 4151          89          57       1022.1       1019.2          NA          NA       19.3
## 4152          83          45       1020.0       1017.2          NA          NA       19.6
## 4153          86          65       1017.5       1015.7          NA          NA       19.4
## 4154          76          57       1017.3       1015.9          NA          NA       21.3
## 4155          79          51       1017.8       1013.4          NA          NA       22.1
## 4156          92          59       1012.4       1010.2          NA          NA       20.8
## 4157          86          55       1011.0       1010.4          NA          NA       19.9
## 4158          79          50       1016.4       1015.2          NA          NA       18.8
## 4159          90          45       1019.9       1017.4          NA          NA       18.9
## 4160          86          40       1022.9       1021.5          NA          NA       21.8
## 4161         100          49       1023.8       1020.6          NA          NA       19.5
## 4162          85          74       1020.7       1018.2          NA          NA       21.8
## 4163          82          56       1017.3       1014.3          NA          NA       23.9
## 4164          84          53       1013.4       1011.2          NA          NA       24.0
## 4165          97          96       1014.3       1013.0          NA          NA       19.7
## 4166         100          72       1007.5       1001.4          NA          NA       20.0
## 4167          95          96       1014.0       1015.9          NA          NA       17.3
## 4168          96          91       1020.1       1018.2          NA          NA       16.9
## 4169          86          63       1014.2       1009.6          NA          NA       20.2
## 4170          67          55       1013.8       1013.5          NA          NA       21.5
## 4171          78          67       1019.5       1017.7          NA          NA       19.1
## 4172          69          82       1018.9       1016.2          NA          NA       17.2
## 4173          89          89       1006.6       1006.4          NA          NA       15.9
## 4174          88          50       1009.0       1008.3          NA          NA       17.1
## 4175          88          55       1013.8       1013.3          NA          NA       17.0
## 4176          74          54       1019.1       1015.9          NA          NA       18.9
## 4177          88          67       1020.3       1019.5          NA          NA       20.2
## 4178          92          51       1022.5       1019.3          NA          NA       18.1
## 4179          96          59       1020.8       1017.2          NA          NA       18.9
## 4180          89          60       1017.4       1013.9          NA          NA       21.0
## 4181          92          63       1013.0       1008.7          NA          NA       21.6
```

```
## 4182         98         81     1014.0     1015.1       NA     NA     18.7
## 4183         70         62     1023.0     1022.3       NA     NA     18.1
## 4184         82         69     1024.2     1022.8       NA     NA     19.1
## 4185         86         60     1020.8     1016.5       NA     NA     19.2
## 4186         89         68     1010.6     1004.7       NA     NA     19.7
## 4187         82         78     1010.0     1008.1       NA     NA     16.7
## 4188         87         41     1003.7     1002.3       NA     NA     17.3
## 4189         57         38     1012.9     1011.7       NA     NA     15.3
## 4190         82         61     1022.3     1020.8       NA     NA     15.7
## 4191         89         59     1023.7     1020.4       NA     NA     16.5
## 4192         92         50     1023.5     1021.0       NA     NA     17.9
## 4193         98         66     1023.2     1020.2       NA     NA     18.3
## 4194        100         50     1019.4     1015.9       NA     NA     17.1
## 4195        100         53     1019.5     1016.5       NA     NA     16.5
## 4196        100         45     1019.1     1016.5       NA     NA     16.0
## 4197         73         54     1018.0     1014.3       NA     NA     19.9
## 4198         80         51     1018.1     1014.1       NA     NA     20.2
## 4199        100         39     1016.2     1013.2       NA     NA     17.1
## 4200         85         56     1017.8     1015.6       NA     NA     21.0
## 4201         75         53     1021.3     1018.5       NA     NA     22.3
## 4202         75         49     1021.5     1016.5       NA     NA     21.7
## 4203         84         62     1015.6     1016.5       NA     NA     20.4
## 4204         74         68     1019.5     1013.3       NA     NA     19.4
## 4205         49         35     1016.7     1014.0       NA     NA     17.8
## 4206         52         40     1025.2     1026.1       NA     NA     13.3
## 4207         57         51     1031.2     1030.1       NA     NA     14.9
## 4208         68         54     1033.2     1030.6       NA     NA     17.8
## 4209         84         47     1032.0     1027.6       NA     NA     15.1
## 4210         76         53     1028.2     1023.7       NA     NA     18.3
## 4211         74         38     1025.4     1022.0       NA     NA     18.9
## 4212         76         42     1023.8     1021.6       NA     NA     18.2
## 4213         81         69     1023.8     1021.0       NA     NA     17.8
## 4214         99        100     1021.5     1018.6       NA     NA     17.3
## 4215         93         58     1019.7     1015.8       NA     NA     18.9
## 4216        100         54     1016.5     1014.0       NA     NA     17.6
## 4217         98         65     1015.7     1012.7       NA     NA     18.4
## 4218        100         92     1014.5     1011.2       NA     NA     15.6
## 4219         99        100     1013.7     1010.6       NA     NA     17.3
## 4220        100         57     1012.1     1009.9       NA     NA     16.1
## 4221         60         44     1012.0     1008.7       NA     NA     13.6
## 4222         63         47     1018.8     1017.0       NA     NA     16.6
## 4223         83         53     1022.0     1020.2       NA     NA     15.0
## 4224         97         59     1021.9     1017.0       NA     NA     15.1
## 4225         65         62     1021.6     1022.4       NA     NA     16.2
## 4226         82         63     1027.6     1025.0       NA     NA     13.3
## 4227         92         49     1027.2     1023.2       NA     NA     14.4
## 4228         93         62     1023.3     1018.4       NA     NA     14.3
## 4229         89         47     1019.8     1017.1       NA     NA     15.6
## 4230         57         41     1020.8     1016.7       NA     NA     13.4
## 4231         70         52     1017.4     1013.5       NA     NA     14.3
## 4232         80         36     1017.3     1014.4       NA     NA     11.8
## 4233         96         55     1018.6     1015.9       NA     NA      9.4
## 4234         87         41     1019.1     1016.1       NA     NA     12.1
## 4235         81         38     1021.4     1019.0       NA     NA     14.4
```

```
## 4236       85        44      1022.0    1019.0      NA     NA    14.8
## 4237       99        38      1018.8    1013.5      NA     NA    13.2
## 4238       71        37      1018.0    1014.2      NA     NA    12.9
## 4239       51        47      1014.4    1012.4      NA     NA    13.5
## 4240       67        47      1022.3    1021.8      NA     NA    10.7
## 4241       69        46      1024.8    1022.0      NA     NA    11.9
## 4242       80        42      1025.4    1022.6      NA     NA    12.3
## 4243      100        48      1025.3    1021.9      NA     NA    10.4
## 4244      100        44      1025.3    1021.1      NA     NA    10.3
## 4245      100        34      1023.3    1020.4      NA     NA    10.5
## 4246       78        68      1026.4    1023.8      NA     NA    13.6
## 4247      100        56      1025.8    1021.4      NA     NA    10.3
## 4248       99        39      1024.1    1020.6      NA     NA    10.7
## 4249      100        39      1024.7    1019.9      NA     NA     7.7
## 4250      100        99      1021.1    1018.4      NA     NA     8.3
## 4251      100        43      1012.4    1009.1      NA     NA    12.5
## 4252       50        50      1014.6    1013.1      NA     NA    12.3
## 4253       82        47      1020.6    1019.6      NA     NA    12.0
## 4254       78        49      1027.0    1025.4      NA     NA    12.3
## 4255       79        66      1031.9    1030.7      NA     NA    13.4
## 4256       91        52      1035.6    1032.5      NA     NA    12.2
## 4257       73        51      1034.0    1030.5      NA     NA    13.1
## 4258      100        70      1029.6    1025.8      NA     NA    11.8
## 4259      100        97      1022.8    1018.9      NA     NA    13.5
## 4260      100        91      1014.9    1010.7      NA     NA    13.4
## 4261      100        56      1004.6    1000.8      NA     NA    13.9
## 4262       82        94      1000.9    1001.7      NA     NA    10.1
## 4263       80        73      1017.3    1018.6      NA     NA    11.9
## 4264       72        45      1023.7    1021.2      NA     NA    11.2
## 4265       91        45      1026.4    1023.9      NA     NA     7.6
## 4266       93        48      1027.0    1024.0      NA     NA     7.3
## 4267       87        69      1026.3    1023.5      NA     NA    10.1
## 4268       97        99      1023.2    1021.3      NA     NA    11.1
## 4269       91        83      1021.4    1019.2      NA     NA    13.2
## 4270       85        79      1021.5    1019.6      NA     NA    13.2
## 4271      100        65      1019.7    1015.9      NA     NA    11.7
## 4272      100        61      1016.9    1013.1      NA     NA    10.0
## 4273       99        99      1018.0    1014.0      NA     NA     9.1
## 4274       79        49      1019.0    1017.2      NA     NA    11.1
## 4275       83        48      1022.4    1019.8      NA     NA    10.2
## 4276       85        47      1020.2    1018.2      NA     NA     9.0
## 4277       99        52      1023.0    1017.7      NA     NA     6.5
## 4278       99        59      1016.5    1010.0      NA     NA     4.4
## 4279       50        59      1006.7    1008.1      NA     NA    15.9
## 4280       80        37      1022.2    1021.4      NA     NA     9.2
## 4281       84        44      1028.7    1026.7      NA     NA     6.2
## 4282       92        44      1028.0    1024.0      NA     NA     7.2
## 4283       90        87      1031.2    1029.8      NA     NA    10.4
## 4284       89        69      1032.2    1028.7      NA     NA    11.2
## 4285       94        65      1026.4    1020.8      NA     NA     9.5
## 4286      100        59      1016.0    1010.7      NA     NA    11.0
## 4287      100        47      1014.0    1011.4      NA     NA     8.0
## 4288       96        47      1016.3    1014.0      NA     NA     7.2
## 4289       85        45      1016.6    1016.1      NA     NA     7.1
```

```
## 4290          78          42       1020.9       1018.1         NA        NA        8.2
## 4291          61          46       1025.1       1025.4         NA        NA       10.1
## 4292          63          57       1031.8       1030.7         NA        NA       11.0
## 4293          75          54       1033.8       1031.6         NA        NA       11.0
## 4294          75          58       1032.9       1030.5         NA        NA       10.6
## 4295          97          55       1031.5       1028.0         NA        NA        9.4
## 4296         100          59       1030.6       1026.2         NA        NA        8.3
## 4297         100          83       1026.9       1021.5         NA        NA        6.8
## 4298          83          45       1019.8       1017.4         NA        NA       13.5
## 4299          95          97       1018.2       1012.9         NA        NA        9.8
## 4300         100          71       1011.8       1007.3         NA        NA       11.3
## 4301          87          41       1013.3       1009.8         NA        NA       11.1
## 4302          70          45       1017.2       1017.4         NA        NA       10.0
## 4303          78          45       1027.8       1025.2         NA        NA        8.6
## 4304         100          45       1026.5       1021.4         NA        NA        8.2
## 4305         100          44       1019.9       1015.6         NA        NA        6.5
## 4306          70          51       1020.9       1020.4         NA        NA       10.5
## 4307          75          38       1026.2       1024.7         NA        NA        8.1
## 4308          72          48       1030.2       1028.6         NA        NA       12.6
## 4309          76          91       1030.3       1028.3         NA        NA       11.9
## 4310          90          69       1030.0       1027.2         NA        NA       11.8
## 4311          88          71       1028.3       1025.8         NA        NA       11.6
## 4312         100          57       1024.0       1019.2         NA        NA        7.1
## 4313         100          57       1015.5       1010.7         NA        NA        9.1
## 4314         100          45       1013.1       1010.4         NA        NA        8.3
## 4315          73          46       1016.7       1016.3         NA        NA       10.7
## 4316          74          42       1022.8       1021.4         NA        NA       11.1
## 4317          61          37       1025.0       1022.3         NA        NA       10.0
## 4318          65          46       1026.5       1023.2         NA        NA       10.3
## 4319          72          40       1022.9       1019.5         NA        NA        9.4
## 4320          67          37       1022.4       1018.0         NA        NA        9.6
## 4321          87          36       1017.8       1014.4         NA        NA        6.6
## 4322          89          32       1017.9       1014.5         NA        NA        7.6
## 4323          92          31       1016.5       1011.6         NA        NA        7.1
## 4324          42          31       1014.6       1015.7         NA        NA       14.7
## 4325          75          33       1024.8       1020.9         NA        NA        6.6
## 4326          74          31       1021.6       1015.3         NA        NA        7.9
## 4327          76          28       1014.8       1010.8         NA        NA       11.1
## 4328          46          34       1016.0       1016.6         NA        NA       11.6
## 4329          51          47       1021.4       1020.7         NA        NA       13.5
## 4330          55          50       1026.2       1024.9         NA        NA       12.7
## 4331          64          42       1027.3       1022.3         NA        NA       12.2
## 4332          84          43       1021.7       1017.6         NA        NA        9.0
## 4333          83          24       1016.8       1010.9         NA        NA        8.8
## 4334          56          38       1015.2       1010.3         NA        NA       13.1
## 4335          62          44       1007.0       1004.5         NA        NA       12.3
## 4336          48          42       1007.5       1008.4         NA        NA       13.0
## 4337          57          36       1020.6       1018.5         NA        NA       13.4
## 4338          67          37       1024.5       1018.8         NA        NA        9.2
## 4339          72          29       1020.7       1015.4         NA        NA       10.9
## 4340          75          33       1015.6       1009.3         NA        NA       12.2
## 4341          51          34       1009.8       1005.7         NA        NA       21.0
## 4342          50          31       1014.9       1012.0         NA        NA       12.7
## 4343          50          35       1018.3       1015.3         NA        NA       13.5
```

```
## 4344            52        36     1018.5      1018.8      NA      NA     13.3
## 4345            64        36     1025.3      1021.7      NA      NA     11.2
## 4346            81        33     1024.4      1019.5      NA      NA     10.6
## 4347            88        41     1017.7      1009.9      NA      NA     10.0
##      Temp3pm RainToday RainTomorrow
## 1       21.8        No           No
## 2       24.3        No           No
## 3       23.2        No           No
## 4       26.5        No           No
## 5       29.7        No           No
## 6       28.9        No           No
## 7       24.6        No           No
## 8       25.5        No           No
## 9       30.2        No          Yes
## 10      28.2       Yes           No
## 11      28.8        No          Yes
## 12      17.0       Yes          Yes
## 13      15.8       Yes          Yes
## 14      19.8       Yes           No
## 15      23.5        No         <NA>
## 16      26.2      <NA>           No
## 17      18.1        No          Yes
## 18      21.5       Yes          Yes
## 19      21.0       Yes           No
## 20      23.2        No           No
## 21      27.3        No           No
## 22      31.6        No           No
## 23      30.8        No           No
## 24      29.0        No           No
## 25      31.2        No           No
## 26      33.0        No           No
## 27      31.2        No           No
## 28      32.1        No           No
## 29      26.1        No          Yes
## 30      18.2       Yes           No
## 31      22.7        No           No
## 32      25.7        No           No
## 33      22.1        No           No
## 34      26.5        No           No
## 35      33.9        No           No
## 36      34.4        No           No
## 37      36.8        No           No
## 38      38.4        No           No
## 39      27.6        No           No
## 40      26.6        No           No
## 41      29.3        No           No
## 42      30.0        No           No
## 43      33.2        No           No
## 44      35.7        No           No
## 45      41.5        No           No
## 46      27.1        No           No
## 47      25.5        No           No
## 48      25.8        No           No
## 49      30.5        No           No
```

```
## 50     34.4      No        No
## 51     37.7      No        No
## 52     36.1      No        No
## 53     33.1      No        Yes
## 54     33.0      Yes       No
## 55     29.7      No        No
## 56     32.1      No        No
## 57     36.5      No        No
## 58     36.2      No        No
## 59     39.2      No        No
## 60     40.1      No        No
## 61     41.2      No        No
## 62     42.0      No        No
## 63     41.9      No        No
## 64     37.1      No        No
## 65     36.2      No        No
## 66     35.2      No        No
## 67     39.7      No        No
## 68     41.6      No        No
## 69     43.4      No        No
## 70     38.5      No        No
## 71     29.4      No        No
## 72     25.8      No        No
## 73     24.9      No        No
## 74     17.3      No        Yes
## 75     27.6      Yes       No
## 76     28.5      No        No
## 77     29.2      No        No
## 78     29.5      No        No
## 79     27.0      No        No
## 80     30.7      No        No
## 81     32.7      No        No
## 82     26.8      No        No
## 83     29.8      No        No
## 84     31.3      No        No
## 85     33.4      No        No
## 86     28.6      No        No
## 87     29.3      No        No
## 88     30.5      No        No
## 89     30.8      No        No
## 90     33.6      No        No
## 91     28.1      No        No
## 92     29.8      No        No
## 93     29.2      No        No
## 94     21.9      No        No
## 95     21.4      No        No
## 96     22.0      No        No
## 97     27.0      No        No
## 98     28.8      No        No
## 99     30.5      No        No
## 100    30.8      No        Yes
## 101    29.6      Yes       No
## 102    18.8      No        Yes
## 103    23.8      Yes       Yes
```

```
## 104   19.7   Yes   Yes
## 105   18.3   Yes    No
## 106   20.5    No    No
## 107   23.9    No    No
## 108   27.2    No    No
## 109   29.3    No    No
## 110   32.6    No    No
## 111   33.5    No    No
## 112   29.0    No    No
## 113   31.4    No    No
## 114   30.7    No    No
## 115   19.6    No   Yes
## 116   29.2   Yes    No
## 117   26.8    No    No
## 118   27.7    No    No
## 119   29.9    No    No
## 120   29.2    No    No
## 121   28.6    No    No
## 122   29.5    No    No
## 123   30.9    No   Yes
## 124   27.4   Yes   Yes
## 125   20.3   Yes    No
## 126   21.2    No    No
## 127   20.9    No    No
## 128   21.6    No    No
## 129   23.5    No    No
## 130   25.0    No    No
## 131   24.3    No   Yes
## 132   24.4   Yes   Yes
## 133   23.1   Yes    No
## 134   25.0    No    No
## 135   24.6    No    No
## 136   18.9    No    No
## 137   19.4    No    No
## 138   21.6    No    No
## 139   22.9    No    No
## 140   23.6    No    No
## 141   21.3    No    No
## 142   20.9    No    No
## 143   22.3    No    No
## 144   22.6    No    No
## 145   15.1    No   Yes
## 146   14.5   Yes   Yes
## 147   11.6   Yes   Yes
## 148    9.4   Yes   Yes
## 149   14.0   Yes    No
## 150   12.1    No    No
## 151   16.1    No    No
## 152   16.3    No    No
## 153   19.1    No    No
## 154   18.5    No    No
## 155   18.8    No    No
## 156   18.4    No    No
## 157   19.2    No    No
```

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## 158    18.2       No         No
## 159    18.5       No         No
## 160    20.2       No         No
## 161    19.1       No         No
## 162    17.7       No         No
## 163    18.0       No         No
## 164    14.6       No         No
## 165    15.3       No         No
## 166    15.9       No         Yes
## 167    14.5       Yes        No
## 168    14.7       No         No
## 169    18.7       No         No
## 170    18.9       No         No
## 171    18.0       No         No
## 172    19.1       No         No
## 173    19.6       No         No
## 174    21.7       No         No
## 175    20.8       No         No
## 176    19.5       No         Yes
## 177    17.4       Yes        No
## 178    15.6       No         No
## 179    15.3       No         No
## 180    15.9       No         No
## 181    16.7       No         No
## 182    16.8       No         Yes
## 183    14.0       Yes        Yes
## 184    13.4       Yes        Yes
## 185    13.0       Yes        Yes
## 186    16.5       Yes        No
## 187    15.6       No         No
## 188    10.2       No         Yes
## 189    11.5       Yes        Yes
## 190    11.4       Yes        Yes
## 191     7.9       Yes        Yes
## 192     9.7       Yes        No
## 193     8.8       No         No
## 194     7.9       No         No
## 195    12.1       No         No
## 196    15.5       No         No
## 197    13.9       No         No
## 198    15.4       No         No
## 199    14.9       No         No
## 200    14.5       No         No
## 201    15.1       No         No
## 202    16.7       No         Yes
## 203    16.4       Yes        Yes
## 204    13.6       Yes        No
## 205    15.2       No         Yes
## 206    13.7       Yes        No
## 207    11.6       No         Yes
## 208    13.0       Yes        No
## 209    11.3       No         Yes
## 210    12.3       Yes        Yes
## 211    15.6       Yes        Yes
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## 212   15.3      Yes           Yes
## 213   13.1      Yes           Yes
## 214   11.4      Yes           Yes
## 215   11.7      Yes           No
## 216   12.6      No            No
## 217   12.0      No            No
## 218   11.4      No            No
## 219   12.4      No            No
## 220   12.4      No            No
## 221   14.3      No            No
## 222   13.4      No            No
## 223   13.2      No            No
## 224   15.4      No            No
## 225   12.3      No            Yes
## 226   10.1      Yes           Yes
## 227   12.5      Yes           No
## 228   12.8      No            No
## 229   14.2      No            No
## 230   11.2      No            No
## 231   13.5      No            No
## 232   16.3      No            No
## 233   17.6      No            No
## 234   10.2      No            Yes
## 235   12.9      Yes           No
## 236   11.6      No            No
## 237   10.8      No            No
## 238    9.6      No            No
## 239    7.3      No            Yes
## 240   12.0      Yes           Yes
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## 245   13.3      No            No
## 246   13.6      No            No
## 247   14.0      No            Yes
## 248   13.6      Yes           No
## 249   16.6      No            No
## 250   13.7      No            Yes
## 251   12.3      Yes           No
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## 254   15.6      No            Yes
## 255   13.0      Yes           No
## 256   11.1      No            Yes
## 257   14.7      Yes           No
## 258   17.0      No            Yes
## 259   14.3      Yes           Yes
## 260   12.8      Yes           No
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## 262   15.2      No            No
## 263   17.3      No            No
## 264   10.1      No            Yes
## 265   12.9      Yes           Yes
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## 267    16.4       Yes          Yes
## 268    11.7       Yes          Yes
## 269    13.6       Yes           No
## 270    16.2        No           No
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## 272    17.5       Yes          Yes
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## 274    13.9       Yes          Yes
## 275    12.5       Yes           No
## 276    16.0        No           No
## 277    20.3        No          Yes
## 278    15.5       Yes           No
## 279    14.9        No           No
## 280    15.4        No           No
## 281    16.5        No           No
## 282    15.3        No           No
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## 284    14.3        No         <NA>
## 285    18.1      <NA>           No
## 286    24.0        No           No
## 287    23.1        No           No
## 288    17.1        No           No
## 289    16.7        No           No
## 290    20.7        No           No
## 291    14.0        No          Yes
## 292    20.3       Yes           No
## 293    19.2        No           No
## 294    16.8        No           No
## 295    18.3        No          Yes
## 296    19.2       Yes          Yes
## 297    15.9       Yes          Yes
## 298    17.2       Yes           No
## 299    17.3        No          Yes
## 300    11.1       Yes          Yes
## 301    10.7       Yes           No
## 302    16.8        No           No
## 303    16.2        No           No
## 304    20.9        No           No
## 305    19.4        No           No
## 306    20.6        No          Yes
## 307    13.0       Yes          Yes
## 308    14.8       Yes           No
## 309    19.2        No           No
## 310    10.0        No          Yes
## 311    15.2       Yes           No
## 312    15.7        No           No
## 313    17.8        No           No
## 314    17.3        No           No
## 315    18.2        No           No
## 316    19.0        No          Yes
## 317    14.8       Yes          Yes
## 318    14.1       Yes          Yes
## 319    10.9       Yes          Yes
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## 320    14.9    Yes    No
## 321    18.8    No     No
## 322    19.3    No     No
## 323    22.0    No     No
## 324    25.8    No     No
## 325    25.3    No     No
## 326    25.4    No     No
## 327    23.2    No     No
## 328    24.8    No     No
## 329    21.3    No     No
## 330    20.9    No     No
## 331    23.4    No     No
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## 333    25.8    No     No
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## 353    32.7    No     No
## 354    39.0    No     No
## 355    36.4    No     Yes
## 356    20.8    Yes    Yes
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## 364    20.7    Yes    Yes
## 365    23.6    Yes    No
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## 367    25.5    No     No
## 368    29.8    No     No
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## 370    25.7    No     No
## 371    28.7    No     No
## 372    30.6    No     No
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## 375    25.6       No           No
## 376    21.0       No           No
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## 379    30.6       No           No
## 380    32.5       No           No
## 381    36.9       No           No
## 382    31.4       No          Yes
## 383    24.9      Yes           No
## 384    27.7       No           No
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## 386    32.7       No           No
## 387    35.9       No           No
## 388    37.5       No           No
## 389    30.4       No          Yes
## 390    27.5      Yes           No
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## 393    34.1       No           No
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## 396    31.1       No          Yes
## 397    30.9      Yes          Yes
## 398    28.0      Yes           No
## 399    28.0       No           No
## 400    30.6       No           No
## 401    34.9       No           No
## 402    33.4       No           No
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## 404    35.3       No           No
## 405    38.6       No           No
## 406    41.2       No           No
## 407    40.9       No           No
## 408    41.1       No           No
## 409    19.9       No          Yes
## 410    30.4      Yes           No
## 411    34.4       No           No
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## 413    24.1       No           No
## 414    20.5       No           No
## 415    23.8       No           No
## 416    30.7       No           No
## 417    34.3       No           No
## 418    39.1       No           No
## 419    34.6       No           No
## 420    31.7       No           No
## 421    34.7       No           No
## 422    34.4       No           No
## 423    35.3       No           No
## 424    34.1       No           No
## 425    33.9       No           No
## 426    34.8       No           No
## 427    34.7       No           No
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## 428    36.9         No           Yes
## 429    32.5         Yes          No
## 430    34.6         No           No
## 431    31.1         No           Yes
## 432    25.0         Yes          Yes
## 433    30.1         Yes          No
## 434    32.6         No           No
## 435    33.8         No           No
## 436    33.5         No           <NA>
## 437    32.9         <NA>         No
## 438    33.1         No           <NA>
## 439    26.4         <NA>         No
## 440    26.6         No           No
## 441    28.9         No           No
## 442    26.2         No           No
## 443    27.2         No           No
## 444    30.0         No           <NA>
## 445    30.0         <NA>         No
## 446    29.2         No           No
## 447    30.9         No           No
## 448    27.3         No           Yes
## 449    24.2         Yes          No
## 450    24.3         No           No
## 451    26.4         No           No
## 452    29.3         No           No
## 453    29.2         No           <NA>
## 454    24.8         <NA>         Yes
## 455    28.5         Yes          No
## 456    25.5         No           <NA>
## 457    26.5         <NA>         No
## 458    28.9         No           No
## 459    28.6         No           No
## 460    20.1         No           Yes
## 461    29.4         Yes          Yes
## 462    21.1         Yes          Yes
## 463    24.1         Yes          Yes
## 464    19.0         Yes          No
## 465    21.8         No           <NA>
## 466    22.8         <NA>         No
## 467    24.1         No           No
## 468    23.9         No           No
## 469    24.8         No           No
## 470    26.0         No           No
## 471    28.1         No           No
## 472    29.5         No           No
## 473    29.7         No           No
## 474    30.0         No           No
## 475    31.5         No           No
## 476    24.7         No           No
## 477    24.1         No           No
## 478    26.1         No           No
## 479    26.9         No           No
## 480    28.9         No           No
## 481    29.1         No           No
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## 482    30.0    No    No
## 483    28.3    No    Yes
## 484    24.8    Yes   No
## 485    26.0    No    No
## 486    25.1    No    No
## 487    25.2    No    No
## 488    24.4    No    No
## 489    24.7    No    No
## 490    24.2    No    No
## 491    24.6    No    No
## 492    23.8    No    Yes
## 493    23.2    Yes   Yes
## 494    23.0    Yes   No
## 495    21.2    No    No
## 496    18.3    No    Yes
## 497    17.8    Yes   No
## 498    16.0    No    No
## 499    19.5    No    No
## 500    21.6    No    No
## 501    22.4    No    No
## 502    24.1    No    No
## 503    25.0    No    No
## 504    24.6    No    No
## 505    25.6    No    No
## 506    24.3    No    No
## 507    26.4    No    No
## 508    26.4    No    No
## 509    27.9    No    Yes
## 510    18.6    Yes   Yes
## 511    18.4    Yes   No
## 512    16.9    No    No
## 513    15.9    No    Yes
## 514    16.9    Yes   No
## 515    17.0    No    No
## 516    19.0    No    No
## 517    20.6    No    No
## 518    20.3    No    No
## 519    22.7    No    No
## 520    24.8    No    Yes
## 521    14.5    Yes   No
## 522    15.3    No    No
## 523    16.8    No    No
## 524    18.6    No    No
## 525    18.6    No    No
## 526    19.6    No    No
## 527    13.2    No    No
## 528    13.8    No    No
## 529    16.9    No    No
## 530    17.1    No    No
## 531    18.1    No    No
## 532    16.3    No    No
## 533    16.7    No    No
## 534    19.4    No    No
## 535    18.4    No    No
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## 536   16.1        No           No
## 537   17.5        No           No
## 538   16.1        No           No
## 539   17.8        No           No
## 540   15.0        No          Yes
## 541   12.8       Yes          Yes
## 542   18.9       Yes           No
## 543   16.5        No           No
## 544   17.0        No          Yes
## 545   14.0       Yes          Yes
## 546   19.6       Yes           No
## 547   18.4        No           No
## 548   16.1        No           No
## 549   16.8        No           No
## 550   17.2        No           No
## 551   18.1        No           No
## 552    8.9        No           No
## 553   14.6        No           No
## 554   13.3        No           No
## 555   11.6        No           No
## 556    7.9        No          Yes
## 557   12.5       Yes           No
## 558   12.8        No           No
## 559   12.3        No           No
## 560   12.0        No           No
## 561   12.6        No           No
## 562   12.4        No           No
## 563   13.5        No          Yes
## 564   11.0       Yes          Yes
## 565   10.9       Yes          Yes
## 566   14.4       Yes           No
## 567   12.7        No           No
## 568   11.8        No           No
## 569   14.7        No           No
## 570   15.5        No           No
## 571   16.9        No           No
## 572   13.2        No          Yes
## 573   11.1       Yes           No
## 574   11.5        No           No
## 575    8.2        No           No
## 576    9.1        No           No
## 577    8.8        No          Yes
## 578   10.4       Yes           No
## 579   10.2        No           No
## 580   10.0        No           No
## 581   10.0        No           No
## 582   11.7        No          Yes
## 583   13.8       Yes           No
## 584   12.6        No           No
## 585   14.6        No           No
## 586   14.1        No           No
## 587   15.0        No          Yes
## 588   15.2       Yes           No
## 589   15.1        No           No
```

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## 590   12.0       No         Yes
## 591    9.1      Yes         Yes
## 592   11.4      Yes          No
## 593   13.0       No          No
## 594   10.8       No          No
## 595   12.1       No         Yes
## 596   13.4      Yes          No
## 597   11.5       No          No
## 598   12.5       No          No
## 599   12.4       No          No
## 600   15.2       No          No
## 601   14.2       No          No
## 602   13.8       No          No
## 603   14.6       No          No
## 604   14.7       No          No
## 605   12.2       No         Yes
## 606   14.0      Yes          No
## 607   14.1       No         Yes
## 608   11.6      Yes         Yes
## 609    7.3      Yes         Yes
## 610   13.7      Yes          No
## 611   15.5       No          No
## 612    9.2       No        <NA>
## 613   11.3     <NA>          No
## 614   12.2       No          No
## 615   12.7       No          No
## 616   12.2       No          No
## 617   14.9       No         Yes
## 618   15.2      Yes         Yes
## 619   10.0      Yes         Yes
## 620   14.7      Yes          No
## 621   14.5       No          No
## 622   12.7       No         Yes
## 623   10.9      Yes         Yes
## 624   11.3      Yes         Yes
## 625   11.3      Yes          No
## 626    8.7       No         Yes
## 627   14.5      Yes         Yes
## 628   10.4      Yes          No
## 629   12.0       No          No
## 630   14.3       No          No
## 631   12.0       No         Yes
## 632   11.7      Yes         Yes
## 633   10.1      Yes         Yes
## 634   11.2      Yes         Yes
## 635   12.3      Yes          No
## 636   13.3       No          No
## 637   14.1       No          No
## 638   15.2       No          No
## 639   13.4       No          No
## 640   14.2       No          No
## 641   16.1       No          No
## 642   17.2       No         Yes
## 643   14.8      Yes         Yes
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## 644    13.2    Yes    Yes
## 645    12.5    Yes    Yes
## 646    14.7    Yes    No
## 647    14.6    No     No
## 648    11.9    No     Yes
## 649    11.0    Yes    Yes
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## 651    15.4    No     No
## 652    18.2    No     No
## 653    18.1    No     No
## 654    13.4    No     No
## 655    13.1    No     No
## 656    13.7    No     No
## 657    13.5    No     No
## 658    16.2    No     No
## 659    18.6    No     No
## 660    19.2    No     No
## 661    19.1    No     No
## 662    19.1    No     No
## 663    18.3    No     No
## 664    18.7    No     No
## 665    20.1    No     No
## 666    19.0    No     No
## 667    13.5    No     No
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## 671    20.8    No     No
## 672    22.3    No     No
## 673    22.5    No     No
## 674    23.8    No     No
## 675    24.5    No     Yes
## 676    15.5    Yes    No
## 677    17.3    No     No
## 678    19.7    No     No
## 679    22.3    No     No
## 680    23.2    No     No
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## 682    16.7    Yes    Yes
## 683    18.0    Yes    Yes
## 684    17.1    Yes    Yes
## 685    11.2    Yes    No
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## 719    24.2         No           No
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## 724    29.5         No           No
## 725    25.7         No          Yes
## 726    23.6        Yes          Yes
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## 728    19.4        Yes          Yes
## 729    21.7        Yes          Yes
## 730    19.5        Yes          Yes
## 731    20.6        Yes           No
## 732    19.0         No          Yes
## 733    21.4        Yes          Yes
## 734    28.6        Yes           No
## 735    30.7         No           No
## 736    29.3         No           No
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## 738    29.1        Yes          Yes
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## 741    22.8         No           No
## 742    22.0         No           No
## 743    24.2         No           No
## 744    27.6         No           No
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## 749    17.4        Yes          Yes
## 750    18.6        Yes          Yes
## 751    19.3        Yes           No
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## 759    29.6      No         No
## 760    33.5      No         No
## 761    36.7      No         No
## 762    32.8      No         No
## 763    30.2      No         No
## 764    28.4      No         No
## 765    27.9      No         No
## 766    26.8      No         No
## 767    30.0      No         No
## 768    29.3      No         No
## 769    31.1      No         No
## 770    32.5      No         Yes
## 771    31.2      Yes        Yes
## 772    23.0      Yes        Yes
## 773    24.5      Yes        Yes
## 774    29.5      Yes        Yes
## 775    21.2      Yes        Yes
## 776    29.6      Yes        No
## 777    32.6      No         No
## 778    26.5      No         No
## 779    25.5      No         No
## 780    26.9      No         No
## 781    29.5      No         No
## 782    32.0      No         No
## 783    33.0      No         No
## 784    30.9      No         No
## 785    30.4      No         No
## 786    30.3      No         No
## 787    33.4      No         No
## 788    29.5      No         No
## 789    30.6      No         No
## 790    30.2      No         No
## 791    33.4      No         No
## 792    37.3      No         No
## 793    38.8      No         No
## 794    32.0      No         Yes
## 795    33.9      Yes        Yes
## 796    23.4      Yes        Yes
## 797    22.5      Yes        Yes
## 798    19.1      Yes        No
## 799    23.9      No         No
## 800    26.4      No         No
## 801    27.1      No         No
## 802    27.9      No         Yes
## 803    22.0      Yes        Yes
## 804    28.2      Yes        No
## 805    27.6      No         No
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## 807    26.7         No           No
## 808    20.6         No          Yes
## 809    28.1        Yes           No
## 810    30.4         No          Yes
## 811    27.4        Yes          Yes
## 812    25.2        Yes           No
## 813    21.7         No           No
## 814    23.2         No           No
## 815    26.7         No           No
## 816    27.7         No           No
## 817    29.2         No           No
## 818    30.2         No           No
## 819    21.1         No          Yes
## 820    28.5        Yes           No
## 821    21.6         No           No
## 822    22.3         No           No
## 823    21.3         No           No
## 824    21.0         No           No
## 825    24.9         No           No
## 826    23.6         No           No
## 827    25.8         No           No
## 828    28.0         No           No
## 829    23.9         No          Yes
## 830    19.6        Yes          Yes
## 831    26.2        Yes           No
## 832    27.0         No           No
## 833    28.8         No          Yes
## 834    26.2        Yes           No
## 835    26.6         No           No
## 836    28.0         No           No
## 837    24.6         No           No
## 838    25.2         No           No
## 839    26.7         No           No
## 840    27.4         No           No
## 841    24.9         No           No
## 842    26.0         No           No
## 843    18.4         No          Yes
## 844    20.7        Yes           No
## 845    20.9         No           No
## 846    22.7         No           No
## 847    22.4         No           No
## 848    23.5         No           No
## 849    24.3         No           No
## 850    24.1         No           No
## 851    21.4         No           No
## 852    19.5         No           No
## 853    19.4         No           No
## 854    21.6         No           No
## 855    18.6         No           No
## 856    17.8         No           No
## 857    15.9         No           No
## 858    15.7         No           No
## 859    16.6         No           No
```

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## 860    15.6       No        No
## 861    14.6       No       Yes
## 862    10.8      Yes        No
## 863     8.6       No       Yes
## 864    13.2      Yes       Yes
## 865    13.6      Yes        No
## 866    12.3       No        No
## 867    10.9       No        No
## 868    14.7       No        No
## 869    17.6       No        No
## 870    15.9       No        No
## 871    18.1       No        No
## 872    19.6       No        No
## 873    20.4       No       Yes
## 874    14.0      Yes       Yes
## 875    14.8      Yes        No
## 876    14.3       No        No
## 877    13.6       No        No
## 878    12.8       No        No
## 879    13.0       No        No
## 880    14.1       No        No
## 881    15.8       No        No
## 882    19.2       No        No
## 883    19.1       No        No
## 884    17.3       No        No
## 885    17.4       No       Yes
## 886    13.8      Yes        No
## 887    11.5       No       Yes
## 888    12.4      Yes        No
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## 896    16.5       No        No
## 897    16.8       No        No
## 898    16.0       No        No
## 899    11.5       No        No
## 900    11.1       No        No
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## 902    14.1      Yes       Yes
## 903    10.3      Yes        No
## 904    10.4       No       Yes
## 905    13.3      Yes        No
## 906    11.9       No        No
## 907    14.8       No        No
## 908    14.6       No        No
## 909    16.2       No        No
## 910    15.2       No        No
## 911    16.1       No        No
## 912    15.1       No        No
## 913    13.8       No        No
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## 916    14.1    Yes    Yes
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## 922    10.5    No     Yes
## 923    11.2    Yes    No
## 924     9.8    No     No
## 925     8.7    No     Yes
## 926    10.7    Yes    No
## 927    12.0    No     No
## 928    13.7    No     No
## 929     9.5    No     Yes
## 930     8.6    Yes    Yes
## 931    14.0    Yes    No
## 932    15.8    No     No
## 933    16.8    No     No
## 934    15.3    No     No
## 935    14.3    No     No
## 936     8.9    No     Yes
## 937    12.2    Yes    Yes
## 938    12.6    Yes    No
## 939    14.2    No     No
## 940    12.6    No     No
## 941    14.1    No     No
## 942    15.8    No     No
## 943    13.8    No     No
## 944    18.9    No     No
## 945    19.5    No     No
## 946    21.3    No     No
## 947    22.7    No     No
## 948    20.3    No     Yes
## 949    12.4    Yes    Yes
## 950     9.6    Yes    Yes
## 951     9.7    Yes    Yes
## 952     9.9    Yes    Yes
## 953    10.4    Yes    Yes
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## 955    16.2    No     No
## 956    13.0    No     No
## 957    16.3    No     Yes
## 958    13.3    Yes    No
## 959    18.7    No     Yes
## 960    11.8    Yes    Yes
## 961     9.6    Yes    No
## 962    19.1    No     No
## 963    16.6    No     No
## 964    17.4    No     No
## 965    17.1    No     No
## 966    16.1    No     No
## 967    16.8    No     No
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## 968   20.2    No    No
## 969   16.4    No    No
## 970   16.4    No    No
## 971   15.8    No    No
## 972   15.6    No    No
## 973   15.0    No    No
## 974   15.6    No    No
## 975   17.9    No    No
## 976   19.6    No    No
## 977   18.8    No    No
## 978   15.6    No    Yes
## 979   20.7    Yes   Yes
## 980   12.1    Yes   No
## 981   13.7    No    No
## 982   15.7    No    No
## 983   13.0    No    No
## 984   15.6    No    <NA>
## 985   NA      <NA>  <NA>
## 986   NA      <NA>  <NA>
## 987   15.1    <NA>  <NA>
## 988   20.6    <NA>  No
## 989   16.9    No    No
## 990   19.3    No    No
## 991   21.5    No    No
## 992   23.2    No    No
## 993   26.4    No    No
## 994   12.9    No    Yes
## 995   18.0    Yes   No
## 996   21.9    No    No
## 997   17.8    No    No
## 998   17.9    No    No
## 999   18.9    No    No
## 1000  19.0    No    No
## 1001  20.5    No    No
## 1002  14.3    No    Yes
## 1003  10.0    Yes   Yes
## 1004  15.1    Yes   Yes
## 1005  13.0    Yes   Yes
## 1006  14.8    Yes   No
## 1007  17.5    No    No
## 1008  19.1    No    No
## 1009  17.4    No    No
## 1010  15.0    No    Yes
## 1011  19.9    Yes   No
## 1012  21.3    No    No
## 1013  18.4    No    Yes
## 1014  13.5    Yes   <NA>
## 1015  15.0    <NA>  No
## 1016  18.3    No    No
## 1017  22.2    No    No
## 1018  23.3    No    No
## 1019  23.7    No    No
## 1020  17.3    No    No
## 1021  18.3    No    No
```

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## 1022   23.0      No       No
## 1023   24.9      No       No
## 1024   27.5      No       No
## 1025   23.6      No       No
## 1026   25.3      No       No
## 1027   30.3      No       No
## 1028   26.7      No      Yes
## 1029   19.3     Yes       No
## 1030   21.9      No       No
## 1031   22.6      No       No
## 1032   24.7      No      Yes
## 1033   24.0     Yes       No
## 1034   19.1      No       No
## 1035   21.3      No       No
## 1036   23.4      No       No
## 1037   21.2      No       No
## 1038   21.9      No       No
## 1039   24.5      No       No
## 1040   28.7      No       No
## 1041   27.1      No      Yes
## 1042   27.5     Yes       No
## 1043   28.8      No       No
## 1044   28.9      No      Yes
## 1045   21.6     Yes       No
## 1046   24.0      No       No
## 1047   26.7      No       No
## 1048   28.0      No       No
## 1049   27.6      No       No
## 1050   28.4      No       No
## 1051   19.4      No       No
## 1052   26.3      No       No
## 1053   30.5      No       No
## 1054   26.5      No       No
## 1055   20.7      No       No
## 1056   22.6      No      Yes
## 1057   22.2     Yes       No
## 1058   23.5      No       No
## 1059     NA      No      Yes
## 1060     NA     Yes      Yes
## 1061     NA     Yes      Yes
## 1062     NA     Yes       No
## 1063   29.6      No       No
## 1064   34.8      No      Yes
## 1065   15.6     Yes      Yes
## 1066   20.8     Yes       No
## 1067   22.7      No       No
## 1068   25.3      No       No
## 1069   21.4      No       No
## 1070   21.6      No       No
## 1071   22.6      No       No
## 1072   25.2      No       No
## 1073   27.7      No       No
## 1074   28.4      No       No
## 1075   24.3      No      Yes
```

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## 1076    25.6    Yes     No
## 1077    25.6    No      No
## 1078    24.5    No      No
## 1079    23.6    No      No
## 1080    26.1    No      No
## 1081    27.5    No      No
## 1082    28.9    No      No
## 1083    23.6    No      Yes
## 1084    25.9    Yes     No
## 1085    28.6    No      No
## 1086    26.0    No      No
## 1087    28.0    No      No
## 1088    29.5    No      No
## 1089    32.1    No      Yes
## 1090    20.3    Yes     Yes
## 1091    28.2    Yes     No
## 1092    26.5    No      No
## 1093    26.6    No      No
## 1094    27.9    No      No
## 1095    28.4    No      No
## 1096    29.3    No      No
## 1097    33.4    No      No
## 1098    35.0    No      No
## 1099    38.8    No      No
## 1100    30.4    No      No
## 1101    29.2    No      No
## 1102    26.8    No      No
## 1103    30.7    No      Yes
## 1104    22.6    Yes     Yes
## 1105    23.3    Yes     No
## 1106    23.5    No      No
## 1107    18.9    No      Yes
## 1108    22.3    Yes     No
## 1109    26.5    No      No
## 1110    27.7    No      No
## 1111    29.7    No      No
## 1112    29.3    No      No
## 1113    31.6    No      No
## 1114    25.0    No      No
## 1115    34.2    No      No
## 1116    34.4    No      No
## 1117    33.5    No      No
## 1118    31.4    No      No
## 1119    30.6    No      No
## 1120    31.1    No      No
## 1121    34.5    No      No
## 1122    34.9    No      No
## 1123    33.6    No      No
## 1124    32.4    No      No
## 1125    33.8    No      Yes
## 1126    27.0    Yes     Yes
## 1127    26.2    Yes     No
## 1128    26.7    No      No
## 1129    28.5    No      No
```

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## 1130   27.4        No          No
## 1131   30.7        No          No
## 1132   32.9        No          Yes
## 1133   23.2        Yes         No
## 1134   25.9        No          No
## 1135   26.6        No          No
## 1136   22.8        No          Yes
## 1137   22.9        Yes         No
## 1138   25.1        No          Yes
## 1139   27.2        Yes         No
## 1140   28.1        No          No
## 1141   30.0        No          No
## 1142   30.9        No          No
## 1143   23.6        No          No
## 1144   28.9        No          No
## 1145   29.6        No          No
## 1146   26.5        No          No
## 1147   20.5        No          Yes
## 1148   27.7        Yes         No
## 1149   28.4        No          No
## 1150   30.5        No          No
## 1151   32.9        No          No
## 1152   34.7        No          Yes
## 1153   22.0        Yes         Yes
## 1154   26.9        Yes         Yes
## 1155   26.1        Yes         No
## 1156   23.5        No          Yes
## 1157   18.5        Yes         Yes
## 1158   25.2        Yes         No
## 1159   17.1        No          Yes
## 1160   23.1        Yes         No
## 1161   24.2        No          No
## 1162   24.8        No          No
## 1163   22.3        No          No
## 1164   23.2        No          No
## 1165   26.1        No          No
## 1166   24.8        No          No
## 1167   24.8        No          No
## 1168   26.0        No          No
## 1169   28.0        No          No
## 1170   24.5        No          Yes
## 1171   28.5        Yes         Yes
## 1172   16.9        Yes         Yes
## 1173   23.8        Yes         No
## 1174   23.6        No          No
## 1175   24.8        No          No
## 1176   26.9        No          No
## 1177   25.4        No          No
## 1178   21.5        No          No
## 1179   16.7        No          No
## 1180   17.5        No          No
## 1181   19.8        No          No
## 1182   22.3        No          No
## 1183   21.1        No          No
```

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## 1184  21.9      No         Yes
## 1185  24.3      Yes        No
## 1186  25.5      No         No
## 1187  26.7      No         No
## 1188  25.2      No         No
## 1189  25.5      No         No
## 1190  29.1      No         No
## 1191  27.2      No         No
## 1192  27.8      No         No
## 1193  28.0      No         No
## 1194  19.9      No         No
## 1195  18.2      No         No
## 1196  14.6      No         No
## 1197  16.9      No         No
## 1198  19.0      No         No
## 1199  21.0      No         No
## 1200  21.9      No         No
## 1201  19.6      No         No
## 1202  25.1      No         No
## 1203  25.8      No         No
## 1204  24.5      No         No
## 1205  26.0      No         No
## 1206  20.5      No         Yes
## 1207  21.9      Yes        No
## 1208  25.3      No         Yes
## 1209  21.8      Yes        Yes
## 1210  22.4      Yes        No
## 1211  11.2      No         No
## 1212  16.8      No         No
## 1213  16.7      No         No
## 1214  19.2      No         No
## 1215  19.2      No         No
## 1216  17.8      No         No
## 1217  19.4      No         No
## 1218  19.8      No         No
## 1219  15.8      No         Yes
## 1220  13.8      Yes        No
## 1221  14.9      No         No
## 1222  14.7      No         No
## 1223  12.6      No         No
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## 1225  20.0      No         No
## 1226  16.3      No         No
## 1227  21.0      No         No
## 1228  17.3      No         No
## 1229  13.3      No         No
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## 1231  14.3      No         No
## 1232  17.2      No         No
## 1233  16.4      No         No
## 1234  15.5      No         No
## 1235  14.8      No         No
## 1236  16.6      No         No
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```

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## 1238   13.3       No           No
## 1239   15.2       No           No
## 1240   19.4       No           No
## 1241   11.8       No          Yes
## 1242    8.6      Yes          Yes
## 1243   12.2      Yes           No
## 1244   15.0       No           No
## 1245   15.2       No           No
## 1246   16.4       No           No
## 1247   16.3       No           No
## 1248   15.6       No           No
## 1249   15.8       No           No
## 1250   13.9       No          Yes
## 1251   13.4      Yes           No
## 1252   10.8       No          Yes
## 1253   14.8      Yes           No
## 1254   14.6       No           No
## 1255   13.4       No           No
## 1256   13.3       No           No
## 1257   12.5       No           No
## 1258   15.1       No           No
## 1259   14.5       No           No
## 1260   15.1       No           No
## 1261   15.1       No           No
## 1262   15.4       No           No
## 1263   13.9       No           No
## 1264    9.9       No           No
## 1265   10.2       No           No
## 1266   11.3       No          Yes
## 1267   13.7      Yes           No
## 1268   11.4       No           No
## 1269   13.7       No          Yes
## 1270    8.9      Yes           No
## 1271   10.4       No           No
## 1272   10.9       No          Yes
## 1273   12.0      Yes           No
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## 1275   13.1       No           No
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## 1277   14.8      Yes          Yes
## 1278   11.1      Yes          Yes
## 1279    8.2      Yes          Yes
## 1280   12.0      Yes           No
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## 1282   12.2       No           No
## 1283   12.7       No           No
## 1284   12.9       No           No
## 1285   12.8       No           No
## 1286   13.6       No           No
## 1287   14.3       No          Yes
## 1288   11.2      Yes          Yes
## 1289   13.0      Yes           No
## 1290   11.4       No          Yes
## 1291   14.3      Yes          Yes
```

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## 1292   13.0      Yes         Yes
## 1293   10.2      Yes         Yes
## 1294   12.0      Yes         No
## 1295   14.2      No          No
## 1296   11.9      No          No
## 1297   11.1      No          No
## 1298   13.7      No          No
## 1299   14.8      No          No
## 1300   15.1      No          No
## 1301   15.5      No          No
## 1302   13.2      No          No
## 1303   14.1      No          Yes
## 1304   14.4      Yes         Yes
## 1305   10.3      Yes         Yes
## 1306   12.4      Yes         Yes
## 1307   13.4      Yes         No
## 1308   12.5      No          No
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## 1353   14.6        Yes         No
## 1354   12.8        No          No
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## 1362   19.0        No          No
## 1363   18.9        No          No
## 1364   14.7        No          No
## 1365   16.5        No          No
## 1366   21.4        No          No
## 1367   23.8        No          No
## 1368   16.3        No          Yes
## 1369   13.0        Yes         No
## 1370   13.7        No          No
## 1371   18.2        No          No
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## 1373   24.0        No          No
## 1374   28.3        No          No
## 1375   23.6        No          <NA>
## 1376   12.4        <NA>        Yes
## 1377   15.6        Yes         No
## 1378   15.4        No          No
## 1379   17.7        No          No
## 1380   15.5        No          No
## 1381   10.2        No          Yes
## 1382   17.1        Yes         No
## 1383   17.3        No          No
## 1384   20.1        No          No
## 1385   24.8        No          No
## 1386   16.3        No          Yes
## 1387   17.9        Yes         No
## 1388   21.8        No          No
## 1389   26.1        No          No
## 1390   23.6        No          No
## 1391   20.1        No          No
## 1392   18.0        No          No
## 1393   19.8        No          No
## 1394   21.9        No          No
## 1395   22.6        No          No
## 1396   17.8        No          No
## 1397   18.4        No          No
## 1398   22.5        No          No
## 1399   25.8        No          No
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## 1400   28.5        No           No
## 1401   29.7        No           No
## 1402   19.3        No           No
## 1403   21.1        No           No
## 1404   23.5        No           No
## 1405   27.2        No           No
## 1406   26.3        No           No
## 1407   27.3        No          Yes
## 1408   19.4       Yes          Yes
## 1409   21.8       Yes          Yes
## 1410   20.9       Yes           No
## 1411   20.9        No           No
## 1412   23.4        No           No
## 1413   29.4        No           No
## 1414   24.1        No           No
## 1415   23.1        No           No
## 1416   24.9        No           No
## 1417   23.5        No           No
## 1418   23.3        No           No
## 1419   20.1        No           No
## 1420   23.8        No           No
## 1421   26.0        No           No
## 1422   31.5        No           No
## 1423   26.2        No           No
## 1424   27.6        No           No
## 1425   30.4        No           No
## 1426   35.8        No           No
## 1427   31.2        No           No
## 1428   26.3        No           No
## 1429   31.2        No           No
## 1430   35.4        No           No
## 1431   31.1        No           No
## 1432   32.7        No           No
## 1433   31.2        No           No
## 1434   33.9        No           No
## 1435   39.3        No           No
## 1436   42.4        No          Yes
## 1437   40.7       Yes           No
## 1438   38.2        No           No
## 1439   34.9        No           No
## 1440   23.9        No           No
## 1441   29.5        No           No
## 1442   36.4        No           No
## 1443   26.0        No           No
## 1444   16.8        No          Yes
## 1445   25.0       Yes           No
## 1446   28.2        No           No
## 1447   34.2        No           No
## 1448   37.7        No           No
## 1449   40.6        No           No
## 1450   29.8        No           No
## 1451   32.9        No           No
## 1452   35.2        No           No
## 1453   35.6        No           No
```

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## 1454    31.7        No          No
## 1455    35.0        No          No
## 1456    34.0        No          No
## 1457    36.3        No          No
## 1458    31.8        No          No
## 1459    32.3        No          No
## 1460    30.6        No          No
## 1461    28.7        No          No
## 1462    32.6        No          No
## 1463    25.2        No          No
## 1464    27.4        No          No
## 1465    29.7        No          No
## 1466    29.4        No          No
## 1467    29.5        No          No
## 1468    29.9        No          No
## 1469    32.3        No          No
## 1470    33.9        No          No
## 1471    31.8        No          No
## 1472    34.5        No          No
## 1473    33.5        No          No
## 1474    32.9        No          No
## 1475    32.5        No          No
## 1476    28.6        No          No
## 1477    29.2        No          No
## 1478    24.1        No          No
## 1479    21.7        No          No
## 1480    22.7        No          No
## 1481    24.6        No          No
## 1482    27.0        No          Yes
## 1483    18.6        Yes         Yes
## 1484    21.5        Yes         No
## 1485    22.9        No          No
## 1486    27.4        No          No
## 1487    27.3        No          No
## 1488    30.4        No          No
## 1489    34.1        No          Yes
## 1490    17.1        Yes         Yes
## 1491    18.7        Yes         No
## 1492    19.1        No          No
## 1493    20.1        No          No
## 1494    21.3        No          No
## 1495    22.4        No          No
## 1496    21.6        No          No
## 1497    23.2        No          No
## 1498    24.3        No          No
## 1499    25.1        No          No
## 1500    25.8        No          No
## 1501    24.4        No          No
## 1502    25.3        No          No
## 1503    26.0        No          No
## 1504    27.3        No          No
## 1505    27.2        No          No
## 1506    26.2        No          No
## 1507    23.3        No          No
```

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## 1508   22.8          No              No
## 1509   22.5          No              No
## 1510   21.1          No              No
## 1511   22.8          No              No
## 1512   16.9          No              No
## 1513   19.6          No              No
## 1514   20.2          No             Yes
## 1515   14.2         Yes             Yes
## 1516   18.2         Yes              No
## 1517   15.5          No              No
## 1518   19.3          No              No
## 1519   20.5          No              No
## 1520   22.8          No              No
## 1521   24.9          No              No
## 1522   15.6          No             Yes
## 1523   19.3         Yes              No
## 1524   17.5          No              No
## 1525   16.9          No              No
## 1526   20.4          No              No
## 1527   19.0          No              No
## 1528   16.3          No              No
## 1529   17.9          No              No
## 1530     NA          No            <NA>
## 1531   21.6        <NA>            <NA>
## 1532   21.7        <NA>            <NA>
## 1533   23.2        <NA>             No
## 1534   23.1          No              No
## 1535   22.7          No             Yes
## 1536   15.0         Yes             Yes
## 1537   11.2         Yes             Yes
## 1538   12.0         Yes             Yes
## 1539   12.2         Yes             Yes
## 1540   14.6         Yes              No
## 1541   12.4          No              No
## 1542   13.3          No             Yes
## 1543   14.3         Yes              No
## 1544   14.3          No              No
## 1545   10.8          No              No
## 1546   16.9          No              No
## 1547   17.0          No              No
## 1548   15.8          No              No
## 1549   12.4          No              No
## 1550   15.7          No              No
## 1551   17.4          No              No
## 1552   19.0          No              No
## 1553   14.4          No             Yes
## 1554   17.0         Yes             Yes
## 1555   15.3         Yes             Yes
## 1556   16.9         Yes              No
## 1557   13.0          No              No
## 1558   13.8          No              No
## 1559   13.2          No              No
## 1560   14.8          No             Yes
## 1561   15.1         Yes              No
```

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## 1562   13.4      No         No
## 1563   13.2      No         No
## 1564   13.2      No         No
## 1565   15.4      No         Yes
## 1566   11.5      Yes        Yes
## 1567   12.3      Yes        Yes
## 1568   12.0      Yes        No
## 1569   14.0      No         No
## 1570   14.0      No         No
## 1571   10.2      No         No
## 1572   14.5      No         No
## 1573   13.9      No         No
## 1574   13.6      No         No
## 1575   12.7      No         No
## 1576   13.7      No         No
## 1577   13.9      No         No
## 1578   10.6      No         No
## 1579   16.8      No         No
## 1580   16.0      No         No
## 1581   12.6      No         No
## 1582   15.5      No         No
## 1583   17.5      No         No
## 1584   15.6      No         No
## 1585   12.5      No         No
## 1586   15.7      No         No
## 1587   13.6      No         No
## 1588   14.1      No         No
## 1589   11.5      No         Yes
## 1590   12.7      Yes        Yes
## 1591   11.5      Yes        Yes
## 1592   13.2      Yes        No
## 1593   12.2      No         No
## 1594   14.3      No         No
## 1595   13.9      No         No
## 1596   14.4      No         No
## 1597   14.0      No         Yes
## 1598   13.0      Yes        Yes
## 1599   14.0      Yes        Yes
## 1600   14.5      Yes        Yes
## 1601   17.1      Yes        No
## 1602   19.1      No         Yes
## 1603   15.7      Yes        Yes
## 1604    8.8      Yes        Yes
## 1605    9.2      Yes        No
## 1606   10.2      No         No
## 1607   12.2      No         No
## 1608   14.0      No         No
## 1609   11.1      No         No
## 1610   11.7      No         No
## 1611   13.4      No         No
## 1612   16.0      No         Yes
## 1613   15.9      Yes        No
## 1614   11.1      No         No
## 1615   13.9      No         No
```

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## 1616   13.8      No          No
## 1617   14.2      No         Yes
## 1618    9.3     Yes          No
## 1619   12.0      No         Yes
## 1620   11.7     Yes         Yes
## 1621   13.1     Yes          No
## 1622   10.2      No         Yes
## 1623   13.8     Yes          No
## 1624   10.4      No         Yes
## 1625   16.0     Yes          No
## 1626   14.9      No         Yes
## 1627   13.0     Yes         Yes
## 1628   12.6     Yes          No
## 1629   15.7      No         Yes
## 1630   13.3     Yes          No
## 1631   16.1      No         Yes
## 1632   14.0     Yes          No
## 1633   18.1      No         Yes
## 1634    8.3     Yes         Yes
## 1635    9.8     Yes          No
## 1636   10.4      No         Yes
## 1637   10.7     Yes         Yes
## 1638   11.4     Yes         Yes
## 1639   13.6     Yes          No
## 1640   15.1      No          No
## 1641   16.3      No          No
## 1642   17.2      No          No
## 1643   19.7      No         Yes
## 1644   19.4     Yes         Yes
## 1645   17.2     Yes          No
## 1646   20.2      No          No
## 1647   20.7      No          No
## 1648   23.4      No          No
## 1649   23.0      No          No
## 1650   22.7      No          No
## 1651   21.7      No          No
## 1652   20.8      No          No
## 1653   18.8      No          No
## 1654   18.4      No          No
## 1655   22.0      No          No
## 1656   17.4      No          No
## 1657   14.5      No          No
## 1658   15.3      No          No
## 1659   13.2      No          No
## 1660   17.4      No          No
## 1661   19.3      No         Yes
## 1662   12.1     Yes         Yes
## 1663   16.5     Yes          No
## 1664   16.0      No         Yes
## 1665   12.8     Yes         Yes
## 1666   13.6     Yes          No
## 1667   17.2      No          No
## 1668   19.7      No          No
## 1669   23.0      No          No
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## 1670    21.5         No            No
## 1671    23.7         No            No
## 1672    15.0         No           Yes
## 1673    18.2        Yes            No
## 1674    15.3         No            No
## 1675    19.7         No            No
## 1676    25.6         No           Yes
## 1677    15.7        Yes           Yes
## 1678    19.2        Yes            No
## 1679    16.0         No            No
## 1680    18.2         No            No
## 1681    19.9         No            No
## 1682    21.3         No            No
## 1683    18.2         No            No
## 1684    19.7         No            No
## 1685    23.2         No            No
## 1686    25.9         No          <NA>
## 1687    17.8       <NA>            No
## 1688    21.9         No            No
## 1689    17.0         No           Yes
## 1690    13.7        Yes            No
## 1691    18.2         No            No
## 1692    24.4         No            No
## 1693    14.8         No            No
## 1694    17.9         No            No
## 1695    23.7         No            No
## 1696    28.8         No            No
## 1697    26.6         No           Yes
## 1698    25.7        Yes           Yes
## 1699    14.6        Yes            No
## 1700    14.2         No            No
## 1701    15.7         No            No
## 1702    18.7         No            No
## 1703    20.3         No            No
## 1704    21.6         No            No
## 1705    19.9         No            No
## 1706    22.0         No            No
## 1707    24.3         No            No
## 1708    27.3         No            No
## 1709    23.9         No            No
## 1710    19.5         No            No
## 1711    19.0         No            No
## 1712    23.4         No            No
## 1713    28.7         No            No
## 1714    33.2         No            No
## 1715    30.0         No            No
## 1716    19.6         No            No
## 1717    19.4         No           Yes
## 1718    15.9        Yes           Yes
## 1719    17.1        Yes            No
## 1720    15.3         No            No
## 1721    19.7         No            No
## 1722    23.4         No            No
## 1723    24.3         No            No
```

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## 1724    23.6         No           No
## 1725    27.1         No           No
## 1726    30.2         No           No
## 1727    33.2         No           No
## 1728    25.0         No           No
## 1729    26.0         No           No
## 1730    22.4         No           No
## 1731    24.5         No           No
## 1732    25.2         No           No
## 1733    28.1         No           No
## 1734    30.5         No           No
## 1735    31.9         No           No
## 1736    25.0         No           No
## 1737    24.9         No           No
## 1738    29.1         No           No
## 1739    33.0         No           No
## 1740    34.8         No           No
## 1741    18.3         No           Yes
## 1742    14.6         Yes          Yes
## 1743    19.4         Yes          No
## 1744    24.8         No           No
## 1745    30.4         No           No
## 1746    29.2         No           No
## 1747    20.0         No           No
## 1748    22.0         No           No
## 1749    26.4         No           No
## 1750    28.9         No           No
## 1751    28.4         No           No
## 1752    28.5         No           No
## 1753    31.5         No           No
## 1754    31.8         No           No
## 1755    36.4         No           No
## 1756    39.2         No           No
## 1757    39.2         No           No
## 1758    38.8         No           No
## 1759    35.0         No           Yes
## 1760    20.8         Yes          Yes
## 1761    26.6         Yes          No
## 1762    26.3         No           No
## 1763    29.8         No           Yes
## 1764    30.8         Yes          No
## 1765    34.7         No           No
## 1766    27.9         No           No
## 1767    29.3         No           No
## 1768    30.5         No           No
## 1769    25.9         No           No
## 1770    26.4         No           No
## 1771    27.5         No           No
## 1772    24.2         No           No
## 1773    28.9         No           No
## 1774    23.0         No           No
## 1775    25.2         No           No
## 1776    28.3         No           No
## 1777    26.8         No           Yes
```

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## 1778    31.5         Yes           No
## 1779    34.4         No            No
## 1780    37.5         No            No
## 1781    36.9         No            No
## 1782    39.0         No            No
## 1783    40.6         No            No
## 1784    41.7         No            No
## 1785    41.5         No            No
## 1786    38.9         No            No
## 1787    36.4         No            No
## 1788    31.6         No            No
## 1789    30.1         No            No
## 1790    31.0         No            No
## 1791    32.1         No            Yes
## 1792    20.7         Yes           Yes
## 1793    24.3         Yes           No
## 1794    26.4         No            No
## 1795    30.7         No            No
## 1796    34.5         No            No
## 1797    39.3         No            No
## 1798    37.2         No            No
## 1799    40.8         No            No
## 1800    40.2         No            No
## 1801    39.7         No            No
## 1802    38.2         No            Yes
## 1803    30.3         Yes           No
## 1804    28.7         No            No
## 1805    30.5         No            No
## 1806    34.9         No            No
## 1807    38.3         No            No
## 1808    40.8         No            No
## 1809    35.1         No            No
## 1810    35.0         No            No
## 1811    34.4         No            No
## 1812    29.9         No            No
## 1813    30.1         No            Yes
## 1814    22.0         Yes           Yes
## 1815    30.0         Yes           No
## 1816    27.6         No            No
## 1817    30.6         No            No
## 1818    30.1         No            Yes
## 1819    21.4         Yes           No
## 1820    24.7         No            No
## 1821    28.0         No            No
## 1822    29.9         No            No
## 1823    30.8         No            No
## 1824    32.1         No            No
## 1825    30.1         No            No
## 1826    29.5         No            No
## 1827    26.3         No            Yes
## 1828    25.0         Yes           No
## 1829    27.9         No            No
## 1830    29.7         No            No
## 1831    30.4         No            No
```

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## 1832   29.6        No          No
## 1833   32.6        No          No
## 1834   28.0        No          No
## 1835   31.7        No          No
## 1836   29.0        No          No
## 1837   32.3        No          No
## 1838   33.2        No          Yes
## 1839   29.1        Yes         No
## 1840   27.5        No          No
## 1841   31.0        No          No
## 1842   28.8        No          Yes
## 1843   19.2        Yes         No
## 1844   23.2        No          No
## 1845   25.2        No          No
## 1846   27.4        No          No
## 1847   30.4        No          No
## 1848   23.5        No          Yes
## 1849   23.9        Yes         No
## 1850   22.5        No          No
## 1851   19.9        No          Yes
## 1852   26.3        Yes         No
## 1853   21.2        No          Yes
## 1854   23.4        Yes         No
## 1855   25.2        No          No
## 1856   24.1        No          No
## 1857   17.1        No          Yes
## 1858   25.6        Yes         No
## 1859   27.2        No          No
## 1860   27.5        No          Yes
## 1861   21.0        Yes         Yes
## 1862   17.7        Yes         Yes
## 1863   21.3        Yes         No
## 1864   24.2        No          No
## 1865   24.1        No          No
## 1866   23.7        No          Yes
## 1867   17.9        Yes         Yes
## 1868   17.3        Yes         Yes
## 1869   23.7        Yes         No
## 1870   23.4        No          No
## 1871   23.3        No          No
## 1872   20.6        No          No
## 1873   21.1        No          No
## 1874   21.2        No          No
## 1875   21.9        No          No
## 1876   20.2        No          No
## 1877   17.5        No          No
## 1878   15.0        No          No
## 1879   16.3        No          No
## 1880   21.7        No          Yes
## 1881   21.8        Yes         No
## 1882   18.6        No          No
## 1883   22.4        No          No
## 1884   22.1        No          No
## 1885   20.3        No          No
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## 1886   21.3        No          No
## 1887   22.2        No          Yes
## 1888   17.4        Yes         No
## 1889   16.1        No          No
## 1890   14.1        No          Yes
## 1891   12.0        Yes         No
## 1892   13.5        No          No
## 1893   14.3        No          No
## 1894   15.7        No          No
## 1895   15.9        No          No
## 1896   16.1        No          No
## 1897   17.5        No          Yes
## 1898   13.4        Yes         Yes
## 1899   17.4        Yes         No
## 1900   18.2        No          No
## 1901   17.7        No          No
## 1902   18.0        No          No
## 1903   18.1        No          No
## 1904   20.0        No          No
## 1905   19.2        No          No
## 1906   18.4        No          No
## 1907   19.1        No          Yes
## 1908   19.9        Yes         No
## 1909   19.2        No          No
## 1910   18.5        No          No
## 1911   16.6        No          Yes
## 1912   17.9        Yes         No
## 1913   18.3        No          No
## 1914   21.2        No          No
## 1915   14.2        No          Yes
## 1916   13.5        Yes         No
## 1917   16.5        No          No
## 1918   17.7        No          No
## 1919   18.1        No          Yes
## 1920   13.7        Yes         Yes
## 1921   15.2        Yes         No
## 1922   13.6        No          Yes
## 1923   14.3        Yes         <NA>
## 1924   15.3        <NA>        No
## 1925   15.5        No          No
## 1926   14.7        No          No
## 1927   14.4        No          No
## 1928   17.7        No          No
## 1929   16.1        No          No
## 1930   14.8        No          No
## 1931   16.3        No          Yes
## 1932   12.2        Yes         Yes
## 1933   14.8        Yes         No
## 1934   16.0        No          No
## 1935   10.6        No          Yes
## 1936   12.2        Yes         No
## 1937   11.2        No          No
## 1938   10.6        No          No
## 1939   16.0        No          No
```

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## 1940   13.9        No            No
## 1941   13.5        No            No
## 1942   11.9        No            Yes
## 1943   11.7        Yes           Yes
## 1944   12.3        Yes           Yes
## 1945   13.9        Yes           No
## 1946   13.3        No            Yes
## 1947   10.9        Yes           Yes
## 1948   10.4        Yes           Yes
## 1949    9.8        Yes           No
## 1950   10.5        No            No
## 1951   12.0        No            No
## 1952   13.4        No            No
## 1953   13.0        No            Yes
## 1954   10.4        Yes           No
## 1955    8.9        No            No
## 1956   10.6        No            No
## 1957   12.4        No            Yes
## 1958    8.4        Yes           Yes
## 1959    8.5        Yes           No
## 1960    9.9        No            Yes
## 1961   11.2        Yes           No
## 1962   11.3        No            No
## 1963   11.9        No            No
## 1964   11.0        No            Yes
## 1965   13.3        Yes           Yes
## 1966   11.6        Yes           Yes
## 1967   12.8        Yes           No
## 1968   14.1        No            No
## 1969   13.3        No            No
## 1970   12.0        No            No
## 1971   13.0        No            No
## 1972   13.8        No            No
## 1973   11.6        No            Yes
## 1974   16.2        Yes           No
## 1975   13.2        No            No
## 1976   11.1        No            No
## 1977   14.4        No            No
## 1978   15.9        No            No
## 1979   15.0        No            No
## 1980   19.4        No            No
## 1981    6.7        No            Yes
## 1982   11.2        Yes           No
## 1983   12.0        No            No
## 1984   12.8        No            No
## 1985   13.0        No            No
## 1986   10.0        No            No
## 1987   13.4        No            No
## 1988   13.0        No            No
## 1989   14.0        No            No
## 1990   13.3        No            No
## 1991   11.5        No            No
## 1992   12.7        No            No
## 1993   13.5        No            No
```

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## 1994    15.6        No           No
## 1995    15.9        No           No
## 1996    15.1        No           No
## 1997    11.5        No           Yes
## 1998    17.5        Yes          No
## 1999    17.4        No           No
## 2000    15.3        No           No
## 2001    16.5        No           No
## 2002    17.8        No           No
## 2003    18.3        No           No
## 2004    16.3        No           No
## 2005    15.2        No           No
## 2006    19.8        No           No
## 2007    18.8        No           No
## 2008    18.2        No           No
## 2009    18.7        No           No
## 2010    18.5        No           No
## 2011    18.2        No           No
## 2012    19.4        No           No
## 2013    10.4        No           No
## 2014    15.2        No           No
## 2015    15.5        No           No
## 2016    17.4        No           No
## 2017    17.9        No           No
## 2018    19.0        No           No
## 2019    19.7        No           No
## 2020    15.9        No           Yes
## 2021    16.3        Yes          No
## 2022    16.7        No           No
## 2023    16.5        No           No
## 2024    17.7        No           No
## 2025    18.1        No           No
## 2026    19.7        No           No
## 2027    18.1        No           No
## 2028    14.7        No           No
## 2029    13.6        No           No
## 2030    15.5        No           No
## 2031    18.1        No           No
## 2032    18.6        No           <NA>
## 2033    NA          <NA>         <NA>
## 2034    22.3        <NA>         <NA>
## 2035    19.3        <NA>         Yes
## 2036    21.0        Yes          No
## 2037    16.6        No           No
## 2038    20.1        No           No
## 2039    23.4        No           No
## 2040    20.9        No           No
## 2041    23.8        No           No
## 2042    15.7        No           No
## 2043    17.5        No           <NA>
## 2044    21.9        <NA>         No
## 2045    22.5        No           No
## 2046    26.5        No           No
## 2047    29.4        No           Yes
```

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## 2048    17.3      Yes           No
## 2049    17.9      No            No
## 2050    21.0      No            No
## 2051    22.7      No            No
## 2052    26.6      No            No
## 2053    29.3      No            Yes
## 2054    15.6      Yes           Yes
## 2055    13.9      Yes           No
## 2056    16.6      No            No
## 2057    17.9      No            No
## 2058    19.2      No            No
## 2059    22.4      No            No
## 2060    25.7      No            No
## 2061    25.6      No            No
## 2062    25.9      No            No
## 2063    27.4      No            No
## 2064    31.5      No            No
## 2065    32.1      No            No
## 2066    31.7      No            No
## 2067    27.5      No            No
## 2068    20.9      No            No
## 2069    18.6      No            No
## 2070    22.9      No            Yes
## 2071    27.7      Yes           No
## 2072    31.9      No            No
## 2073    20.7      No            Yes
## 2074    18.3      Yes           No
## 2075    22.8      No            No
## 2076    27.0      No            No
## 2077    25.1      No            No
## 2078    24.7      No            No
## 2079    27.9      No            No
## 2080    32.8      No            No
## 2081    30.1      No            No
## 2082    28.2      No            No
## 2083    27.7      No            No
## 2084    28.9      No            No
## 2085    31.9      No            No
## 2086    33.4      No            No
## 2087    23.6      No            Yes
## 2088    20.1      Yes           No
## 2089    21.9      No            No
## 2090    24.6      No            No
## 2091    28.1      No            No
## 2092    33.0      No            No
## 2093    28.8      No            No
## 2094    32.7      No            No
## 2095    35.0      No            No
## 2096    22.3      No            Yes
## 2097    21.4      Yes           No
## 2098    24.7      No            No
## 2099    26.6      No            No
## 2100    28.1      No            No
## 2101    31.5      No            No
```

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## 2102    31.1        No          No
## 2103    23.7        No          Yes
## 2104    32.2        Yes         No
## 2105    22.6        No          Yes
## 2106    29.4        Yes         No
## 2107    25.3        No          No
## 2108    22.7        No          Yes
## 2109    18.5        Yes         Yes
## 2110    26.4        Yes         No
## 2111    30.4        No          No
## 2112    28.2        No          Yes
## 2113    21.4        Yes         No
## 2114    26.2        No          No
## 2115    26.8        No          No
## 2116    27.1        No          No
## 2117    33.4        No          No
## 2118    32.9        No          No
## 2119    24.7        No          No
## 2120    27.3        No          No
## 2121    24.0        No          No
## 2122    27.9        No          No
## 2123    31.4        No          No
## 2124    26.4        No          No
## 2125    31.6        No          No
## 2126    31.5        No          No
## 2127    29.8        No          No
## 2128    24.3        No          No
## 2129    27.2        No          No
## 2130    29.4        No          No
## 2131    32.5        No          Yes
## 2132    25.1        Yes         No
## 2133    28.4        No          No
## 2134    32.7        No          No
## 2135    38.2        No          No
## 2136    37.0        No          No
## 2137    30.9        No          No
## 2138    32.5        No          No
## 2139    34.6        No          No
## 2140    34.9        No          No
## 2141    27.8        No          Yes
## 2142    25.5        Yes         Yes
## 2143    21.4        Yes         Yes
## 2144    28.4        Yes         No
## 2145    31.2        No          No
## 2146    20.5        No          Yes
## 2147    25.2        Yes         No
## 2148    26.8        No          No
## 2149    26.7        No          No
## 2150    25.7        No          No
## 2151    26.7        No          No
## 2152    27.2        No          No
## 2153    29.0        No          Yes
## 2154    26.8        Yes         No
## 2155    31.6        No          No
```

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## 2156    34.4         No          Yes
## 2157    29.0        Yes           No
## 2158    25.9         No           No
## 2159    24.5         No           No
## 2160    27.1         No           No
## 2161    26.2         No           No
## 2162    23.9         No           No
## 2163    22.5         No           No
## 2164    24.8         No           No
## 2165    27.5         No           No
## 2166    27.3         No           No
## 2167    28.2         No           No
## 2168    27.3         No           No
## 2169    29.2         No           No
## 2170    31.2         No           No
## 2171    32.0         No           No
## 2172    36.2         No           No
## 2173    34.8         No           No
## 2174    31.8         No           No
## 2175    34.0         No          Yes
## 2176    30.2        Yes           No
## 2177    30.7         No           No
## 2178    19.9         No          Yes
## 2179    29.7        Yes           No
## 2180    33.5         No           No
## 2181    32.6         No           No
## 2182    26.8         No          Yes
## 2183    31.5        Yes           No
## 2184    32.3         No           No
## 2185    32.8         No           No
## 2186    32.8         No           No
## 2187    33.8         No          Yes
## 2188    27.7        Yes           No
## 2189    28.9         No           No
## 2190    27.3         No           No
## 2191    30.3         No           No
## 2192    34.3         No          Yes
## 2193    27.0        Yes           No
## 2194    28.3         No           No
## 2195    30.2         No           No
## 2196    29.3         No           No
## 2197    22.3         No           No
## 2198    20.0         No           No
## 2199    22.3         No           No
## 2200    28.8         No           No
## 2201    27.8         No           No
## 2202    28.9         No           No
## 2203    30.6         No           No
## 2204    28.3         No           No
## 2205    26.3         No           No
## 2206    27.5         No           No
## 2207    26.5         No           No
## 2208    26.7         No           No
## 2209    28.0         No          Yes
```

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## 2210   27.6      Yes        No
## 2211   31.9      No         No
## 2212   25.7      No         No
## 2213   26.1      No         No
## 2214   29.0      No         No
## 2215   30.0      No         No
## 2216   24.0      No         No
## 2217   24.0      No         No
## 2218   18.4      No         No
## 2219   19.1      No         No
## 2220   21.9      No         No
## 2221   25.1      No         No
## 2222   26.3      No         No
## 2223   28.5      No         No
## 2224   27.4      No         No
## 2225   24.2      No         No
## 2226   24.3      No         No
## 2227   22.6      No         No
## 2228   23.7      No         No
## 2229   19.7      No         Yes
## 2230   18.0      Yes        Yes
## 2231   21.8      Yes        No
## 2232   21.2      No         No
## 2233   22.8      No         No
## 2234   22.2      No         No
## 2235   25.7      No         No
## 2236   24.7      No         No
## 2237   21.0      No         Yes
## 2238   22.5      Yes        Yes
## 2239   25.9      Yes        No
## 2240   15.4      No         Yes
## 2241   17.2      Yes        Yes
## 2242   15.8      Yes        No
## 2243   16.8      No         No
## 2244   18.5      No         No
## 2245   21.4      No         No
## 2246   23.1      No         Yes
## 2247   19.4      Yes        Yes
## 2248   15.7      Yes        Yes
## 2249   18.9      Yes        No
## 2250   16.4      No         No
## 2251   17.8      No         No
## 2252   18.9      No         No
## 2253   20.0      No         No
## 2254   22.0      No         No
## 2255   20.1      No         No
## 2256   23.2      No         No
## 2257   21.2      No         No
## 2258   17.6      No         No
## 2259   14.3      No         No
## 2260   13.2      No         No
## 2261   13.0      No         No
## 2262   14.2      No         Yes
## 2263   12.6      Yes        Yes
```

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## 2264   16.4        Yes            No
## 2265   15.8         No            No
## 2266   11.8         No            No
## 2267   15.0         No            No
## 2268   17.0         No            No
## 2269   18.0         No            No
## 2270   17.4         No            No
## 2271   18.5         No           Yes
## 2272   13.1        Yes           Yes
## 2273   16.9        Yes            No
## 2274   14.8         No            No
## 2275   16.5         No            No
## 2276   16.5         No            No
## 2277   13.3         No            No
## 2278   14.2         No            No
## 2279   13.2         No            No
## 2280   14.0         No           Yes
## 2281   18.5        Yes           Yes
## 2282   14.0        Yes            No
## 2283   13.7         No            No
## 2284   13.8         No           Yes
## 2285   10.8        Yes            No
## 2286   11.9         No            No
## 2287   11.4         No            No
## 2288    9.0         No           Yes
## 2289   12.0        Yes            No
## 2290   13.0         No            No
## 2291   10.6         No            No
## 2292   16.4         No            No
## 2293   12.6         No            No
## 2294   13.2         No            No
## 2295   15.2         No            No
## 2296   14.6         No            No
## 2297   14.8         No            No
## 2298   14.4         No            No
## 2299   13.9         No           Yes
## 2300   14.2        Yes           Yes
## 2301   12.6        Yes           Yes
## 2302   10.7        Yes           Yes
## 2303   13.2        Yes            No
## 2304   11.3         No            No
## 2305   11.6         No            No
## 2306   10.6         No            No
## 2307   15.8         No           Yes
## 2308   13.6        Yes            No
## 2309   12.2         No            No
## 2310   13.9         No            No
## 2311   11.3         No            No
## 2312   11.0         No            No
## 2313   12.8         No            No
## 2314    8.2         No            No
## 2315   10.1         No            No
## 2316   11.3         No            No
## 2317   10.8         No            No
```

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## 2318    10.3       No         No
## 2319    11.6       No         No
## 2320     9.7       No         No
## 2321    13.7       No         No
## 2322    14.1       No         No
## 2323    12.6       No         Yes
## 2324    13.0       Yes        Yes
## 2325    12.5       Yes        Yes
## 2326     8.6       Yes        Yes
## 2327    11.8       Yes        No
## 2328     7.6       No         Yes
## 2329     6.4       Yes        Yes
## 2330    10.5       Yes        No
## 2331    10.4       No         No
## 2332    11.8       No         No
## 2333    12.4       No         No
## 2334    13.5       No         No
## 2335    15.2       No         Yes
## 2336    12.1       Yes        Yes
## 2337    16.7       Yes        No
## 2338    12.0       No         Yes
## 2339    12.8       Yes        Yes
## 2340    11.0       Yes        No
## 2341     9.2       No         No
## 2342    12.5       No         No
## 2343    11.2       No         No
## 2344    11.9       No         No
## 2345    13.6       No         Yes
## 2346    10.2       Yes        Yes
## 2347    11.2       Yes        Yes
## 2348    11.0       Yes        Yes
## 2349     7.7       Yes        Yes
## 2350    10.9       Yes        Yes
## 2351    10.2       Yes        Yes
## 2352    12.1       Yes        No
## 2353    13.3       No         No
## 2354    10.8       No         No
## 2355    14.3       No         Yes
## 2356    14.0       Yes        No
## 2357     7.3       No         Yes
## 2358    11.0       Yes        No
## 2359    12.5       No         No
## 2360    14.7       No         No
## 2361    14.6       No         No
## 2362    13.4       No         No
## 2363    12.4       No         No
## 2364    12.0       No         No
## 2365    16.2       No         No
## 2366    16.0       No         Yes
## 2367    19.9       Yes        No
## 2368    16.9       No         No
## 2369    12.2       No         Yes
## 2370     9.7       Yes        Yes
## 2371    14.8       Yes        Yes
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## 2372    12.3        Yes            No
## 2373    16.1        No             No
## 2374    13.6        No             No
## 2375    15.0        No             No
## 2376    14.8        No             No
## 2377    14.2        No             No
## 2378    16.7        No             Yes
## 2379    17.0        Yes            Yes
## 2380    15.5        Yes            No
## 2381    17.5        No             No
## 2382    16.0        No             Yes
## 2383    12.7        Yes            No
## 2384    14.1        No             No
## 2385    16.8        No             No
## 2386    17.2        No             No
## 2387    19.1        No             No
## 2388    20.4        No             No
## 2389    22.9        No             No
## 2390    23.6        No             No
## 2391    17.2        No             No
## 2392    16.1        No             No
## 2393    17.5        No             No
## 2394    18.4        No             No
## 2395    19.2        No             No
## 2396    20.4        No             No
## 2397    20.5        No             No
## 2398    15.3        No             No
## 2399    14.6        No             No
## 2400    16.4        No             No
## 2401    18.6        No             No
## 2402    19.3        No             No
## 2403    20.7        No             No
## 2404    22.1        No             No
## 2405    19.7        No             No
## 2406    19.0        No             No
## 2407    20.5        No             No
## 2408    24.5        No             No
## 2409    26.6        No             No
## 2410    29.0        No             No
## 2411    30.3        No             No
## 2412    33.4        No             No
## 2413    23.3        No             No
## 2414    20.6        No             No
## 2415    26.1        No             No
## 2416    28.0        No             No
## 2417    20.0        No             Yes
## 2418    24.0        Yes            No
## 2419    22.9        No             No
## 2420    26.4        No             No
## 2421    31.1        No             No
## 2422    25.8        No             No
## 2423    25.3        No             No
## 2424    26.2        No             No
## 2425    27.9        No             No
```

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## 2426    30.3        No         Yes
## 2427    22.2       Yes          No
## 2428    24.4        No          No
## 2429    22.5        No          No
## 2430    24.5        No          No
## 2431    29.7        No          No
## 2432    24.9        No          No
## 2433    23.8        No          No
## 2434    23.6        No          No
## 2435    27.2        No          No
## 2436    27.2        No         Yes
## 2437    19.2       Yes         Yes
## 2438    26.0       Yes         Yes
## 2439    25.1       Yes          No
## 2440    26.1        No          No
## 2441    27.2        No         Yes
## 2442    20.6       Yes         Yes
## 2443    24.4       Yes         Yes
## 2444    22.2       Yes          No
## 2445    24.3        No          No
## 2446    27.4        No          No
## 2447    31.4        No          No
## 2448    26.6        No         Yes
## 2449    26.3       Yes         Yes
## 2450    26.4       Yes          No
## 2451    24.3        No          No
## 2452    23.6        No          No
## 2453    25.5        No          No
## 2454    29.6        No          No
## 2455    32.3        No          No
## 2456    36.4        No          No
## 2457    32.9        No          No
## 2458    24.9        No          No
## 2459    27.2        No          No
## 2460    25.7        No          No
## 2461    27.3        No          No
## 2462    32.5        No          No
## 2463    19.9        No          No
## 2464    20.4        No          No
## 2465    26.7        No          No
## 2466    25.6        No          No
## 2467    29.6        No          No
## 2468    27.3        No          No
## 2469    21.4        No          No
## 2470    27.0        No          No
## 2471    30.2        No          No
## 2472    33.3        No          No
## 2473    34.5        No          No
## 2474    30.5        No          No
## 2475    26.7        No         Yes
## 2476    29.6       Yes          No
## 2477    29.9        No          No
## 2478    25.9        No          No
## 2479    22.8        No          No
```

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## 2480    26.1         No             No
## 2481    32.8         No             No
## 2482    30.8         No             No
## 2483    33.4         No             No
## 2484    32.8         No             No
## 2485    35.4         No             No
## 2486    38.8         No             No
## 2487    39.5         No            Yes
## 2488    24.1        Yes             No
## 2489    28.1         No             No
## 2490    28.3         No             No
## 2491    29.5         No             No
## 2492    30.2         No            Yes
## 2493    19.8        Yes            Yes
## 2494    22.7        Yes             No
## 2495    26.5         No             No
## 2496    29.8         No             No
## 2497    33.1         No             No
## 2498    35.1         No             No
## 2499    36.7         No             No
## 2500    31.7         No            Yes
## 2501    19.5        Yes            Yes
## 2502    21.6        Yes            Yes
## 2503    22.2        Yes             No
## 2504    25.7         No             No
## 2505    26.6         No             No
## 2506    28.7         No             No
## 2507    33.1         No             No
## 2508    36.2         No             No
## 2509    37.0         No             No
## 2510    37.6         No             No
## 2511    42.3         No             No
## 2512    21.4         No             No
## 2513    23.9         No             No
## 2514    27.3         No             No
## 2515    28.1         No             No
## 2516    31.9         No             No
## 2517    37.6         No             No
## 2518    31.5         No             No
## 2519    33.4         No             No
## 2520    21.7         No            Yes
## 2521    31.0        Yes             No
## 2522    31.2         No             No
## 2523    30.5         No             No
## 2524    32.0         No            Yes
## 2525    23.2        Yes            Yes
## 2526    30.4        Yes             No
## 2527    16.1         No             No
## 2528    27.1         No            Yes
## 2529    22.5        Yes            Yes
## 2530    24.2        Yes             No
## 2531    28.0         No             No
## 2532    22.6         No             No
## 2533    28.4         No             No
```

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## 2534   27.0        No           No
## 2535   28.1        No           No
## 2536   30.7        No           No
## 2537   33.8        No           No
## 2538   33.3        No           No
## 2539   33.9        No           No
## 2540   33.6        No           No
## 2541   33.3        No           No
## 2542   35.8        No           No
## 2543   28.9        No           No
## 2544   27.9        No           No
## 2545   24.8        No           No
## 2546   24.1        No           No
## 2547   28.7        No           No
## 2548   31.1        No           No
## 2549   30.2        No           No
## 2550   33.5        No           No
## 2551   34.1        No           No
## 2552   38.4        No           No
## 2553   40.1        No           No
## 2554   32.3        No           No
## 2555   29.9        No           No
## 2556   32.3        No           No
## 2557   31.3        No           No
## 2558   30.3        No           No
## 2559   33.7        No           No
## 2560   36.4        No           No
## 2561   33.2        No           No
## 2562   36.3        No           No
## 2563   37.5        No           No
## 2564   34.1        No           No
## 2565   36.5        No           No
## 2566   37.0        No           No
## 2567   35.2        No           No
## 2568   35.5        No           No
## 2569   30.6        No           Yes
## 2570   32.5        Yes          No
## 2571   33.5        No           No
## 2572   33.8        No           No
## 2573   30.0        No           No
## 2574   30.1        No           No
## 2575   28.8        No           Yes
## 2576   19.9        Yes          Yes
## 2577   19.4        Yes          No
## 2578   23.0        No           No
## 2579   24.0        No           No
## 2580   24.9        No           No
## 2581   25.4        No           No
## 2582   24.3        No           No
## 2583   26.9        No           No
## 2584   25.3        No           No
## 2585   26.2        No           No
## 2586   26.9        No           No
## 2587   25.5        No           No
```

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## 2588   17.9        No           No
## 2589   23.1        No           No
## 2590   26.0        No           No
## 2591   29.1        No           No
## 2592   26.2        No           No
## 2593   27.1        No           No
## 2594   31.0        No           No
## 2595   23.2        No           No
## 2596   22.1        No           No
## 2597   16.7        No           No
## 2598   22.9        No           No
## 2599   21.9        No           No
## 2600   24.5        No           No
## 2601   24.3        No           No
## 2602   26.8        No           No
## 2603   28.2        No           No
## 2604   26.1        No           No
## 2605   27.1        No           No
## 2606   25.1        No          Yes
## 2607   24.8       Yes           No
## 2608   24.8        No           No
## 2609   26.1        No           No
## 2610   22.0        No          Yes
## 2611   23.0       Yes           No
## 2612   22.0        No           No
## 2613   23.9        No           No
## 2614   23.8        No           No
## 2615   24.4        No           No
## 2616   25.1        No           No
## 2617   27.4        No           No
## 2618   17.6        No          Yes
## 2619   22.5       Yes          Yes
## 2620   17.7       Yes           No
## 2621   16.1        No           No
## 2622   21.4        No          Yes
## 2623   17.0       Yes           No
## 2624   19.6        No           No
## 2625   24.7        No           No
## 2626   23.1        No          Yes
## 2627   16.1       Yes          Yes
## 2628   17.6       Yes          Yes
## 2629   16.9       Yes          Yes
## 2630   14.5       Yes          Yes
## 2631   15.8       Yes           No
## 2632   18.8        No           No
## 2633   19.4        No           No
## 2634   21.3        No           No
## 2635   19.2        No          Yes
## 2636   18.1       Yes           No
## 2637   16.3        No           No
## 2638   16.4        No           No
## 2639   17.9        No           No
## 2640   16.6        No           No
## 2641   21.4        No          Yes
```

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## 2642   14.9      Yes           No
## 2643   15.5      No            No
## 2644   13.7      No           Yes
## 2645   13.0      Yes          Yes
## 2646   13.7      Yes           No
## 2647   14.3      No            No
## 2648   14.0      No            No
## 2649   13.7      No            No
## 2650   15.6      No            No
## 2651   17.1      No            No
## 2652   17.3      No            No
## 2653   11.8      No           Yes
## 2654   13.5      Yes          Yes
## 2655   14.2      Yes          Yes
## 2656   11.6      Yes          Yes
## 2657   11.6      Yes          Yes
## 2658   14.0      Yes          Yes
## 2659   13.5      Yes          Yes
## 2660   12.5      Yes          Yes
## 2661   12.6      Yes           No
## 2662   11.2      No            No
## 2663   13.4      No            No
## 2664   14.5      No            No
## 2665   11.0      No            No
## 2666   12.8      No           Yes
## 2667   14.8      Yes           No
## 2668   16.2      No            No
## 2669   13.9      No           Yes
## 2670   13.9      Yes          Yes
## 2671   10.4      Yes          Yes
## 2672   12.5      Yes           No
## 2673   12.5      No           Yes
## 2674    7.5      Yes          Yes
## 2675    9.9      Yes           No
## 2676    7.4      No            No
## 2677    9.9      No            No
## 2678   10.9      No            No
## 2679   13.1      No            No
## 2680    9.6      No           Yes
## 2681   11.1      Yes           No
## 2682   11.6      No            No
## 2683   12.6      No            No
## 2684   11.6      No            No
## 2685    8.9      No           Yes
## 2686   15.0      Yes           No
## 2687   16.2      No            No
## 2688   11.5      No           Yes
## 2689   13.9      Yes           No
## 2690   13.4      No           Yes
## 2691   15.7      Yes           No
## 2692   12.0      No           Yes
## 2693    8.9      Yes           No
## 2694    9.6      No            No
## 2695   12.2      No            No
```

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## 2696   13.1        No           No
## 2697   15.1        No           No
## 2698   11.8        No          Yes
## 2699   14.0       Yes           No
## 2700   16.7        No           No
## 2701   13.8        No          Yes
## 2702   12.7       Yes          Yes
## 2703    8.4       Yes           No
## 2704    8.7        No          Yes
## 2705   10.4       Yes          Yes
## 2706    9.7       Yes          Yes
## 2707   11.5       Yes           No
## 2708   10.5        No           No
## 2709   11.0        No           No
## 2710   11.9        No          Yes
## 2711   13.7       Yes          Yes
## 2712   11.5       Yes          Yes
## 2713   13.5       Yes           No
## 2714   15.0        No           No
## 2715   14.8        No           No
## 2716   14.6        No           No
## 2717   12.1        No           No
## 2718   14.3        No           No
## 2719   14.4        No           No
## 2720   16.3        No          Yes
## 2721   14.1       Yes           No
## 2722   11.7        No           No
## 2723   11.0        No           No
## 2724   13.8        No           No
## 2725   16.0        No           No
## 2726   15.7        No           No
## 2727   17.9        No           No
## 2728   17.3        No           No
## 2729   19.4        No           No
## 2730   13.2        No          Yes
## 2731   11.7       Yes           No
## 2732   14.2        No           No
## 2733   10.6        No          Yes
## 2734   15.0       Yes           No
## 2735   11.9        No           No
## 2736   12.5        No           No
## 2737   13.0        No           No
## 2738   12.3        No           No
## 2739   16.2        No           No
## 2740   16.5        No           No
## 2741   15.2        No          Yes
## 2742   16.7       Yes           No
## 2743   15.8        No           No
## 2744   13.5        No          Yes
## 2745   15.1       Yes           No
## 2746   14.0        No           No
## 2747   14.7        No           No
## 2748   17.1        No           No
## 2749   19.7        No           No
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## 2751   15.7       Yes         Yes
## 2752   16.5       Yes          No
## 2753   13.9        No          No
## 2754   17.7        No          No
## 2755   19.0        No         Yes
## 2756   15.4       Yes         Yes
## 2757   12.8       Yes          No
## 2758   15.6        No          No
## 2759   17.0        No         Yes
## 2760   12.9       Yes         Yes
## 2761   14.9       Yes          No
## 2762   14.3        No         Yes
## 2763   15.8       Yes          No
## 2764   17.6        No          No
## 2765   19.1        No          No
## 2766   20.2        No         Yes
## 2767   16.7       Yes          No
## 2768   15.2        No         Yes
## 2769   13.8       Yes         Yes
## 2770   17.2       Yes         Yes
## 2771   13.9       Yes         Yes
## 2772   11.9       Yes         Yes
## 2773   13.5       Yes          No
## 2774   21.2        No         Yes
## 2775   13.9       Yes         Yes
## 2776   12.9       Yes         Yes
## 2777   14.2       Yes          No
## 2778   20.3        No          No
## 2779   23.0        No          No
## 2780   20.3        No          No
## 2781   18.7        No         Yes
## 2782   14.0       Yes          No
## 2783   13.7        No          No
## 2784   14.9        No          No
## 2785   16.9        No          No
## 2786   19.0        No          No
## 2787   21.3        No          No
## 2788   23.9        No         Yes
## 2789   17.0       Yes          No
## 2790   14.7        No         Yes
## 2791   15.9       Yes          No
## 2792   18.9        No          No
## 2793   22.9        No          No
## 2794   16.0        No          No
## 2795   16.1        No          No
## 2796   18.2        No          No
## 2797   21.7        No          No
## 2798   23.3        No          No
## 2799   20.1        No          No
## 2800   21.9        No          No
## 2801   24.5        No          No
## 2802   20.6        No          No
## 2803   14.8        No          No
```

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## 2804   17.1      No        No
## 2805   18.2      No        No
## 2806   21.7      No        No
## 2807   27.3      No        No
## 2808   16.2      No        No
## 2809   19.8      No        No
## 2810   28.2      No        No
## 2811   24.2      No        No
## 2812   25.3      No        No
## 2813   23.5      No        No
## 2814   26.5      No        Yes
## 2815   26.6      Yes       Yes
## 2816   12.3      Yes       Yes
## 2817   19.1      Yes       No
## 2818   21.5      No        No
## 2819   25.0      No        No
## 2820   27.9      No        No
## 2821   29.1      No        No
## 2822   30.6      No        No
## 2823   29.8      No        No
## 2824   35.3      No        No
## 2825   25.8      No        Yes
## 2826   20.2      Yes       No
## 2827   20.4      No        No
## 2828   21.1      No        No
## 2829   23.6      No        No
## 2830   26.7      No        No
## 2831   28.2      No        No
## 2832   27.9      No        No
## 2833   31.0      No        No
## 2834   28.5      No        No
## 2835   29.9      No        No
## 2836   29.8      No        No
## 2837   31.8      No        No
## 2838   30.9      No        No
## 2839   24.0      No        No
## 2840   27.8      No        No
## 2841   16.4      No        No
## 2842   19.4      No        No
## 2843   25.2      No        No
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## 2845   31.0      No        No
## 2846   35.9      No        No
## 2847   24.1      No        No
## 2848   28.1      No        Yes
## 2849   21.6      Yes       No
## 2850   28.0      No        No
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## 2852   27.5      No        No
## 2853   25.7      No        Yes
## 2854   26.8      Yes       No
## 2855   30.0      No        No
## 2856   32.0      No        No
## 2857   23.5      No        Yes
```

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## 2859    34.0       No         Yes
## 2860    28.3      Yes          No
## 2861    34.4       No         Yes
## 2862    26.7      Yes         Yes
## 2863    30.6      Yes         Yes
## 2864    30.9      Yes          No
## 2865    31.4       No          No
## 2866    30.5       No          No
## 2867    29.5       No          No
## 2868    31.2       No          No
## 2869    32.4       No          No
## 2870    34.2       No          No
## 2871    33.6       No          No
## 2872    32.2       No          No
## 2873    22.8       No         Yes
## 2874    29.8      Yes          No
## 2875    33.1       No          No
## 2876    32.8       No          No
## 2877    28.2       No         Yes
## 2878    23.8      Yes          No
## 2879    28.5       No          No
## 2880    32.7       No          No
## 2881    39.3       No          No
## 2882    26.6       No          No
## 2883    31.5       No         Yes
## 2884    25.7      Yes         Yes
## 2885    26.7      Yes          No
## 2886    31.0       No          No
## 2887    37.7       No          No
## 2888    31.7       No          No
## 2889    30.5       No          No
## 2890    32.0       No          No
## 2891    34.4       No          No
## 2892    35.7       No          No
## 2893    37.1       No          No
## 2894    40.9       No          No
## 2895    29.5       No          No
## 2896    27.1       No          No
## 2897    26.8       No          No
## 2898    30.8       No          No
## 2899    32.2       No          No
## 2900    29.9       No         Yes
## 2901    23.4      Yes         Yes
## 2902    31.4      Yes          No
## 2903    33.6       No          No
## 2904    38.2       No          No
## 2905    42.4       No          No
## 2906    36.4       No         Yes
## 2907    16.5      Yes          No
## 2908    23.7       No          No
## 2909    26.1       No          No
## 2910    30.6       No          No
## 2911    37.0       No          No
```

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## 2912    28.9        No           No
## 2913    24.0        No           No
## 2914    20.9        No          <NA>
## 2915    18.9       <NA>          No
## 2916    24.9        No           No
## 2917    32.7        No           No
## 2918    34.7        No           No
## 2919    32.9        No           No
## 2920    28.9        No           No
## 2921    28.3        No           No
## 2922    30.2        No           No
## 2923    32.0        No           No
## 2924    32.6        No           No
## 2925    32.5        No           No
## 2926    31.2        No           No
## 2927    29.4        No           No
## 2928    31.0        No           No
## 2929    28.0        No           No
## 2930    27.7        No           No
## 2931    27.3        No           No
## 2932    28.1        No           No
## 2933    31.7        No           No
## 2934    31.6        No           No
## 2935    34.4        No          <NA>
## 2936    29.8       <NA>          No
## 2937    33.0        No           No
## 2938    33.0        No           No
## 2939    28.2        No           No
## 2940    30.0        No           No
## 2941    31.2        No           No
## 2942    33.1        No           No
## 2943    30.8        No          <NA>
## 2944    22.1       <NA>         <NA>
## 2945    23.6       <NA>         <NA>
## 2946    21.9       <NA>          No
## 2947    26.5        No           No
## 2948    21.7        No           No
## 2949    29.0        No           No
## 2950    32.9        No           Yes
## 2951    25.0        Yes          No
## 2952    26.7        No           No
## 2953    19.1        No           No
## 2954    20.3        No           No
## 2955    21.2        No           No
## 2956    22.2        No           No
## 2957    23.7        No           No
## 2958    22.7        No           No
## 2959    23.1        No           No
## 2960    23.7        No           No
## 2961    24.8        No           No
## 2962    22.5        No           Yes
## 2963    14.6        Yes          Yes
## 2964    16.6        Yes          No
## 2965    21.1        No           No
```

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## 2966    23.8         No              No
## 2967    23.3         No              No
## 2968    23.9         No              No
## 2969    20.7         No              No
## 2970    20.8         No              No
## 2971    24.5         No              No
## 2972    25.6         No              No
## 2973    24.3         No              No
## 2974    24.9         No              No
## 2975    16.5         No             Yes
## 2976    19.0        Yes              No
## 2977    22.5         No              No
## 2978    22.8         No             Yes
## 2979    20.1        Yes             Yes
## 2980    14.7        Yes              No
## 2981    16.2         No              No
## 2982    16.7         No              No
## 2983    19.0         No              No
## 2984    18.4         No              No
## 2985    18.1         No              No
## 2986    16.0         No              No
## 2987    16.6         No              No
## 2988    17.9         No              No
## 2989    18.3         No              No
## 2990    20.7         No              No
## 2991    15.0         No              No
## 2992    16.3         No              No
## 2993    17.6         No              No
## 2994    18.5         No              No
## 2995    19.7         No              No
## 2996    16.2         No              No
## 2997    19.0         No              No
## 2998    18.2         No              No
## 2999    18.9         No              No
## 3000    17.4         No              No
## 3001    16.6         No              No
## 3002    21.1         No              No
## 3003    13.7         No             Yes
## 3004    18.9        Yes              No
## 3005    17.7         No              No
## 3006    17.1         No              No
## 3007    18.0         No             Yes
## 3008    13.9        Yes              No
## 3009    13.5         No              No
## 3010    15.3         No              No
## 3011    16.5         No             Yes
## 3012    11.3        Yes             Yes
## 3013    12.2        Yes              No
## 3014     9.3         No             Yes
## 3015    12.3        Yes              No
## 3016    12.7         No              No
## 3017    13.6         No              No
## 3018    14.2         No              No
## 3019    14.1         No              No
```

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## 3020    11.6       No         Yes
## 3021    13.8      Yes          No
## 3022    15.5       No          No
## 3023    14.1       No          No
## 3024    14.1       No          No
## 3025    16.0       No          No
## 3026    16.3       No          No
## 3027    14.8       No          No
## 3028    15.4       No          No
## 3029    15.0       No          No
## 3030    13.8       No          No
## 3031    12.2       No          No
## 3032    14.1       No          No
## 3033    15.8       No          No
## 3034    13.6       No          No
## 3035    14.0       No          No
## 3036    14.3       No          No
## 3037    13.3       No          No
## 3038    10.2       No          No
## 3039    13.1       No          No
## 3040     8.8       No         Yes
## 3041      NA       No          No
## 3042    22.2       No          No
## 3043    21.7       No          No
## 3044    30.6       No          No
## 3045    37.6       No          No
## 3046    38.0       No          No
## 3047    39.8       No          No
## 3048    20.1       No          No
## 3049    21.1       No          No
## 3050    24.2       No          No
## 3051    29.0       No         Yes
## 3052    27.7      Yes          No
## 3053    30.5       No          No
## 3054    39.2       No          No
## 3055    40.7       No          No
## 3056    33.9       No          No
## 3057    21.8       No          No
## 3058    27.6       No          No
## 3059    30.3       No          No
## 3060    37.8       No          No
## 3061    35.0       No         Yes
## 3062    32.4      Yes          No
## 3063    33.3       No          No
## 3064    39.6       No          No
## 3065    27.7       No          No
## 3066    29.1       No         Yes
## 3067    26.5      Yes          No
## 3068    34.1       No          No
## 3069    33.6       No          No
## 3070    33.2       No          No
## 3071    36.4       No          No
## 3072    29.6       No          No
## 3073    34.2       No          No
```

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## 3074    29.3      No        No
## 3075    32.0      No        No
## 3076    38.6      No        No
## 3077    37.1      No        No
## 3078    41.5      No        No
## 3079    38.6      No        No
## 3080    20.6      No       Yes
## 3081    19.3     Yes       Yes
## 3082    19.5     Yes       Yes
## 3083    19.3     Yes        No
## 3084    20.4      No       Yes
## 3085    16.5     Yes       Yes
## 3086    21.9     Yes       Yes
## 3087    23.2     Yes        No
## 3088    21.1      No       Yes
## 3089    24.9     Yes        No
## 3090    30.2      No        No
## 3091    30.8      No        No
## 3092    22.0      No        No
## 3093    25.1      No        No
## 3094    28.8      No       Yes
## 3095    29.5     Yes        No
## 3096    27.9      No        No
## 3097    24.0      No        No
## 3098    25.3      No        No
## 3099    30.8      No        No
## 3100    27.3      No        No
## 3101    26.9      No        No
## 3102    26.3      No        No
## 3103    22.5      No        No
## 3104    24.8      No        No
## 3105    24.2      No        No
## 3106    27.8      No        No
## 3107    23.7      No       Yes
## 3108    23.5     Yes        No
## 3109    25.0      No        No
## 3110    21.1      No       Yes
## 3111    25.3     Yes        No
## 3112    25.2      No        No
## 3113    27.2      No       Yes
## 3114    29.1     Yes        No
## 3115    26.0      No        No
## 3116    25.1      No        No
## 3117    25.0      No        No
## 3118    28.5      No        No
## 3119    29.1      No        No
## 3120    25.2      No        No
## 3121    26.3      No        No
## 3122    28.4      No        No
## 3123    32.0      No        No
## 3124    31.9      No       Yes
## 3125    30.0     Yes       Yes
## 3126    22.9     Yes        No
## 3127    24.0      No        No
```

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## 3128    25.8         No          No
## 3129    23.6         No         Yes
## 3130    19.3        Yes         Yes
## 3131    22.6        Yes         Yes
## 3132    24.1        Yes         Yes
## 3133    25.9        Yes         Yes
## 3134    18.6        Yes          No
## 3135    22.9         No          No
## 3136    20.1         No          No
## 3137    19.9         No          No
## 3138    22.0         No          No
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## 3140    23.8         No          No
## 3141    23.0         No          No
## 3142    23.7         No          No
## 3143    21.2         No         Yes
## 3144    26.5        Yes          No
## 3145    28.1         No          No
## 3146    23.6         No          No
## 3147    22.1         No          No
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## 3150    16.3        Yes         Yes
## 3151    17.3        Yes         Yes
## 3152    19.4        Yes         Yes
## 3153    20.3        Yes          No
## 3154    21.3         No          No
## 3155    21.5         No          No
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## 3157    17.4         No          No
## 3158    18.9         No          No
## 3159    15.8         No          No
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## 3165    19.2         No          No
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## 3174    19.3         No          No
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## 3177    19.5         No          No
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## 3179    19.8         No         Yes
## 3180    18.1        Yes         Yes
## 3181    17.9        Yes         Yes
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## 3182   17.2      Yes          Yes
## 3183   18.8      Yes          Yes
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## 3186   19.7      No           No
## 3187   15.1      No           Yes
## 3188   17.2      Yes          No
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## 3193   17.2      No           Yes
## 3194   17.4      Yes          No
## 3195   17.0      No           No
## 3196   18.6      No           No
## 3197   18.2      No           Yes
## 3198   16.0      Yes          No
## 3199   16.8      No           No
## 3200   13.7      No           No
## 3201   12.0      No           No
## 3202   14.9      No           <NA>
## 3203   15.0      <NA>         No
## 3204   14.1      No           No
## 3205   10.5      No           No
## 3206   17.8      No           No
## 3207   14.7      No           No
## 3208   13.8      No           No
## 3209   16.3      No           Yes
## 3210   15.2      Yes          Yes
## 3211   15.0      Yes          Yes
## 3212   15.5      Yes          <NA>
## 3213   18.9      <NA>         No
## 3214   19.3      No           No
## 3215   16.5      No           No
## 3216   14.7      No           No
## 3217   16.7      No           No
## 3218   15.6      No           No
## 3219   16.6      No           No
## 3220   20.4      No           No
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## 3228   13.7      No           Yes
## 3229   13.7      Yes          Yes
## 3230   13.9      Yes          Yes
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## 3232   14.3      No           No
## 3233   17.3      No           No
## 3234   15.7      No           No
## 3235   15.6      No           No
```

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## 3236   14.8      No      No
## 3237   15.8      No      Yes
## 3238   15.8      Yes     No
## 3239   17.4      No      No
## 3240   19.3      No      No
## 3241   19.5      No      No
## 3242   22.2      No      No
## 3243   23.5      No      Yes
## 3244   15.5      Yes     No
## 3245   16.7      No      No
## 3246   16.7      No      No
## 3247   11.2      No      Yes
## 3248   17.7      Yes     No
## 3249   17.3      No      No
## 3250   16.1      No      No
## 3251   17.8      No      No
## 3252   18.4      No      No
## 3253   18.6      No      No
## 3254   18.2      No      No
## 3255   18.5      No      No
## 3256   18.4      No      No
## 3257   18.2      No      No
## 3258   19.2      No      No
## 3259   22.8      No      No
## 3260   16.7      No      No
## 3261   17.1      No      No
## 3262   16.6      No      No
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## 3264   19.6      Yes     No
## 3265   20.2      No      No
## 3266   21.5      No      No
## 3267   21.4      No      No
## 3268   25.2      No      No
## 3269   20.3      No      No
## 3270   17.9      No      No
## 3271   19.5      No      No
## 3272   21.6      No      No
## 3273   26.4      No      No
## 3274   19.9      No      No
## 3275   24.8      No      No
## 3276   18.0      No      No
## 3277     NA      No      No
## 3278   20.2      No      No
## 3279   23.6      No      No
## 3280   23.7      No      No
## 3281   25.8      No      No
## 3282   17.6      No      No
## 3283   19.6      No      No
## 3284   21.4      No      No
## 3285   19.0      No      No
## 3286   14.3      No      Yes
## 3287   24.0      Yes     No
## 3288     NA      No      No
## 3289   20.6      No      No
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## 3291    19.0       Yes          No
## 3292    18.5       No           No
## 3293    21.3       No           No
## 3294    22.8       No           No
## 3295    29.0       No           No
## 3296    30.1       No           No
## 3297    16.8       No           No
## 3298    22.9       No           No
## 3299    20.1       No           No
## 3300    30.5       No           No
## 3301    21.1       No           No
## 3302    24.7       No           No
## 3303    25.9       No           No
## 3304    18.9       No           No
## 3305    30.5       No          Yes
## 3306    19.3       Yes          No
## 3307    21.7       No           No
## 3308    25.9       No           No
## 3309    17.1       No           No
## 3310    16.4       No           No
## 3311    19.2       No           No
## 3312    22.3       No           No
## 3313    26.8       No           No
## 3314    31.6       No           No
## 3315    18.0       No          Yes
## 3316    14.1       Yes         Yes
## 3317    14.6       Yes         <NA>
## 3318    18.7      <NA>         Yes
## 3319    20.0       Yes          No
## 3320    15.5       No           No
## 3321    18.2       No           No
## 3322    14.7       No           No
## 3323    16.8       No           No
## 3324    16.3       No           No
## 3325    18.7       No           No
## 3326    23.7       No           No
## 3327    16.5       No          Yes
## 3328    20.7       Yes          No
## 3329    20.9       No           No
## 3330    21.8       No           No
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## 3332    23.3       No           No
## 3333    29.6       No           No
## 3334    33.9       No           No
## 3335    23.0       No           No
## 3336    30.9       No           No
## 3337    25.4       No           No
## 3338    17.0       No          Yes
## 3339    15.5       Yes         <NA>
## 3340    16.7      <NA>         <NA>
## 3341    24.6      <NA>          No
## 3342    22.0       No           No
## 3343    27.3       No           No
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## 3345   28.4       No          No
## 3346   28.3       No          No
## 3347   38.2       No          No
## 3348   19.7       No          No
## 3349   19.7       No          Yes
## 3350   19.7       Yes         Yes
## 3351   23.1       Yes         No
## 3352   20.7       No          No
## 3353   27.6       No          No
## 3354   29.0       No          No
## 3355   26.8       No          No
## 3356   35.9       No          No
## 3357   22.0       No          No
## 3358   30.6       No          No
## 3359     NA       No          No
## 3360   33.8       No          No
## 3361   21.1       No          No
## 3362   29.6       No          No
## 3363   34.8       No          No
## 3364   33.8       No          No
## 3365   34.6       No          No
## 3366   40.2       No          Yes
## 3367   17.1       Yes         Yes
## 3368   22.5       Yes         No
## 3369   31.2       No          No
## 3370   33.0       No          Yes
## 3371   33.6       Yes         No
## 3372   38.2       No          No
## 3373   29.7       No          No
## 3374   15.7       No          Yes
## 3375   21.7       Yes         No
## 3376   22.7       No          No
## 3377   28.9       No          No
## 3378   24.6       No          No
## 3379   29.3       No          No
## 3380   29.8       No          No
## 3381   38.0       No          No
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## 3384   29.9       No          No
## 3385   28.5       No          <NA>
## 3386     NA     <NA>          No
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## 3388   20.5       No          No
## 3389   25.0       No          No
## 3390   33.2       No          No
## 3391   40.3       No          Yes
## 3392   16.6       Yes         Yes
## 3393   30.7       Yes         No
## 3394   22.0       No          No
## 3395   27.5       No          No
## 3396   31.4       No          No
## 3397   34.9       No          No
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## 3400   18.4        Yes           No
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## 3403   27.0        Yes           No
## 3404   26.5         No           No
## 3405   24.8         No           No
## 3406   28.2         No           No
## 3407   28.6         No          Yes
## 3408   19.3        Yes           No
## 3409   22.6         No           No
## 3410   33.3         No           No
## 3411   28.4         No           No
## 3412   23.2         No         <NA>
## 3413   27.7       <NA>         <NA>
## 3414   37.7       <NA>          No
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## 3416   28.8         No           No
## 3417   37.8         No           No
## 3418   27.8         No          Yes
## 3419   22.9        Yes           No
## 3420   25.6         No           No
## 3421   27.3         No          Yes
## 3422   26.0        Yes           No
## 3423   24.4         No           No
## 3424   27.4         No           No
## 3425   33.4         No           No
## 3426   36.6         No           No
## 3427   39.0         No           No
## 3428   42.2         No          Yes
## 3429   25.0        Yes         <NA>
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## 3431   35.9         No           No
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## 3433   25.3        Yes          Yes
## 3434   29.6        Yes         <NA>
## 3435     NA       <NA>          No
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## 3438   25.8        Yes          Yes
## 3439   27.6        Yes         <NA>
## 3440   27.1       <NA>          Yes
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## 3448   34.9       <NA>         <NA>
## 3449   24.6       <NA>          Yes
## 3450   23.8        Yes          Yes
## 3451   30.3        Yes           No
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## 3458   34.7        No         <NA>
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## 3461   24.3        No           No
## 3462   23.6        No           No
## 3463   30.5        No         <NA>
## 3464   21.5      <NA>          Yes
## 3465   18.5       Yes          Yes
## 3466   20.8       Yes           No
## 3467   24.2        No           No
## 3468   25.0        No           No
## 3469     NA        No          Yes
## 3470   29.1       Yes           No
## 3471   25.9        No           No
## 3472   29.0        No         <NA>
## 3473   27.7      <NA>        <NA>
## 3474     NA      <NA>           No
## 3475   21.6        No           No
## 3476   23.9        No           No
## 3477   22.8        No          Yes
## 3478   24.8       Yes           No
## 3479   26.5        No           No
## 3480   27.5        No           No
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## 3483   31.7        No         <NA>
## 3484   32.9      <NA>           No
## 3485   34.8        No           No
## 3486   26.5        No           No
## 3487     NA        No           No
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## 3489   27.4        No           No
## 3490   33.1        No           No
## 3491   28.7        No           No
## 3492   30.2        No           No
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## 3495   21.0       Yes           No
## 3496   25.6        No           No
## 3497   24.0        No           No
## 3498   23.4        No           No
## 3499   19.0        No           No
## 3500   20.7        No           No
## 3501   22.1        No          Yes
## 3502   23.3       Yes          Yes
## 3503   26.3       Yes           No
## 3504   23.6        No           No
## 3505   25.9        No           No
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## 3506    26.6        No           No
## 3507    22.9        No           No
## 3508    21.8        No           No
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## 3510    24.5        No           No
## 3511    22.4        No           No
## 3512    23.8        No           No
## 3513    24.7        No           No
## 3514    24.3        No           No
## 3515    26.2        No           No
## 3516    26.8        No           No
## 3517    29.3        No           No
## 3518    27.6        No         <NA>
## 3519    23.5      <NA>          Yes
## 3520      NA       Yes           No
## 3521    22.3        No           No
## 3522    17.6        No           No
## 3523    24.0        No           No
## 3524    23.8        No           No
## 3525      NA        No         <NA>
## 3526      NA      <NA>         <NA>
## 3527      NA      <NA>         <NA>
## 3528    21.9      <NA>           No
## 3529    23.9        No           No
## 3530    16.7        No         <NA>
## 3531    19.4      <NA>         <NA>
## 3532      NA      <NA>           No
## 3533    23.5        No         <NA>
## 3534    24.0      <NA>           No
## 3535    24.3        No           No
## 3536    23.9        No           No
## 3537    18.4        No           No
## 3538    19.7        No           No
## 3539    19.4        No           No
## 3540    20.8        No         <NA>
## 3541    21.4      <NA>           No
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## 3543    17.8        No         <NA>
## 3544    19.1      <NA>           No
## 3545    19.4        No           No
## 3546    16.6        No           No
## 3547    17.1        No           No
## 3548    16.2        No           No
## 3549    18.0        No          Yes
## 3550    16.2       Yes         <NA>
## 3551    14.0      <NA>          Yes
## 3552    15.3       Yes           No
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## 3554    15.9      <NA>          Yes
## 3555    18.9       Yes          Yes
## 3556    14.9       Yes          Yes
## 3557    18.4       Yes           No
## 3558    17.6        No          Yes
## 3559    15.6       Yes          Yes
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## 3560    15.1      Yes           Yes
## 3561    19.0      Yes            No
## 3562    16.4       No            No
## 3563    15.7       No            No
## 3564    16.0       No            No
## 3565    13.7       No            No
## 3566    15.0       No            No
## 3567    15.6       No            No
## 3568    15.1       No            No
## 3569    17.0       No            No
## 3570    17.5       No            No
## 3571    17.8       No            No
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## 3573    18.4       No            No
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## 3575    18.3       No            No
## 3576    19.0       No            No
## 3577    16.8       No          <NA>
## 3578    15.2     <NA>            No
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## 3580    17.6      Yes            No
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## 3583    15.2       No            No
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## 3585    14.0       No          <NA>
## 3586    14.8     <NA>            No
## 3587    15.5       No            No
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## 3589    14.5      Yes            No
## 3590    17.2       No            No
## 3591    13.7       No           Yes
## 3592    15.5      Yes            No
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## 3594    15.0       No           Yes
## 3595    16.0      Yes            No
## 3596    15.9       No          <NA>
## 3597    14.5     <NA>            No
## 3598    16.9       No            No
## 3599    15.4       No            No
## 3600    15.9       No            No
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## 3602    15.2       No            No
## 3603    16.6       No            No
## 3604    17.7       No            No
## 3605    13.2       No            No
## 3606    15.6       No            No
## 3607    15.9       No            No
## 3608    15.8       No            No
## 3609      NA       No            No
## 3610    17.2       No           Yes
## 3611    15.7      Yes           Yes
## 3612    15.0      Yes            No
## 3613    15.8       No           Yes
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## 3614   12.3        Yes             Yes
## 3615   13.1        Yes             Yes
## 3616   19.7        Yes             Yes
## 3617   19.2        Yes             No
## 3618   18.4        No              No
## 3619   13.8        No              Yes
## 3620   15.6        Yes             No
## 3621   17.6        No              No
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## 3623   15.9        No              No
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## 3625   16.3        No              No
## 3626   17.3        No              Yes
## 3627   12.3        Yes             Yes
## 3628   15.5        Yes             No
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## 3630   17.2        No              <NA>
## 3631   20.0        <NA>            No
## 3632   19.1        No              No
## 3633   17.6        No              No
## 3634   16.7        No              No
## 3635   19.4        No              <NA>
## 3636   22.6        <NA>            No
## 3637   17.2        No              No
## 3638   15.9        No              No
## 3639   17.3        No              No
## 3640   13.3        No              <NA>
## 3641   18.4        <NA>            No
## 3642   15.5        No              No
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## 3644   16.6        No              No
## 3645   17.2        No              No
## 3646   18.3        No              No
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## 3648   21.3        No              No
## 3649   22.9        No              No
## 3650   17.4        No              Yes
## 3651   14.4        Yes             Yes
## 3652   19.8        Yes             No
## 3653   19.2        No              No
## 3654   19.3        No              No
## 3655   16.1        No              No
## 3656   18.3        No              No
## 3657   15.4        No              Yes
## 3658   20.0        Yes             No
## 3659   20.5        No              No
## 3660   19.8        No              No
## 3661   22.3        No              No
## 3662   14.1        No              Yes
## 3663   20.8        Yes             No
## 3664   18.6        No              No
## 3665   18.5        No              No
## 3666   21.5        No              No
## 3667   17.6        No              No
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## 3668   19.1         No              No
## 3669   20.6         No              No
## 3670   21.5         No              No
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## 3672   24.4         No              No
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## 3674   25.0         No              No
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## 3676   25.6         No              No
## 3677   14.6         No              No
## 3678   18.5         No              No
## 3679   17.0         No              No
## 3680   14.6         No             Yes
## 3681   17.9        Yes             Yes
## 3682   20.0        Yes             Yes
## 3683   23.2        Yes              No
## 3684   21.2         No              No
## 3685   19.3         No              No
## 3686   19.6         No              No
## 3687   16.7         No              No
## 3688   19.9         No              No
## 3689   20.1         No              No
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## 3691   25.7         No             Yes
## 3692   27.2        Yes              No
## 3693   22.8         No            <NA>
## 3694   14.4       <NA>              No
## 3695   21.4         No              No
## 3696   23.3         No              No
## 3697   15.5         No              No
## 3698   22.2         No              No
## 3699   23.3         No              No
## 3700   24.2         No             Yes
## 3701   23.1        Yes             Yes
## 3702   13.6        Yes             Yes
## 3703   19.2        Yes              No
## 3704   25.3         No              No
## 3705   21.9         No             Yes
## 3706   18.4        Yes              No
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## 3712   23.8         No             Yes
## 3713   14.8        Yes             Yes
## 3714   17.4        Yes             Yes
## 3715   14.9        Yes             Yes
## 3716   22.5        Yes              No
## 3717   20.7         No             Yes
## 3718   22.3        Yes              No
## 3719   19.3         No             Yes
## 3720   27.9        Yes              No
## 3721   31.3         No              No
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## 3722   28.5          No             No
## 3723   30.7          No             No
## 3724   19.1          No            Yes
## 3725   24.1         Yes             No
## 3726   20.7          No             No
## 3727   26.5          No            Yes
## 3728   17.8         Yes             No
## 3729   23.1          No             No
## 3730   24.8          No             No
## 3731   24.0          No             No
## 3732   26.2          No             No
## 3733   28.5          No             No
## 3734   31.1          No             No
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## 3737   20.0          No            Yes
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## 3739   21.2         Yes            Yes
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## 3741   22.4         Yes             No
## 3742   25.1          No            Yes
## 3743   24.3         Yes             No
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## 3745   20.8          No            Yes
## 3746   26.6         Yes             No
## 3747   30.4          No            Yes
## 3748   28.8         Yes            Yes
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## 3753   25.8          No             No
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## 3756   22.1         Yes             No
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## 3758   24.0          No            Yes
## 3759   20.2         Yes             No
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## 3765   28.6         Yes            Yes
## 3766   18.7         Yes            Yes
## 3767   20.0         Yes             No
## 3768   27.8          No             No
## 3769   28.4          No             No
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## 3771   36.7          No             No
## 3772   29.6          No             No
## 3773   17.6          No            Yes
## 3774   21.3         Yes             No
## 3775   26.5          No             No
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## 3776   25.8         No          No
## 3777   23.2         No         Yes
## 3778   26.8        Yes         Yes
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## 3780   25.6        Yes         Yes
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## 3782   27.8        Yes          No
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## 3784   29.2         No         Yes
## 3785   27.8        Yes          No
## 3786   30.1         No          No
## 3787   28.2         No          No
## 3788   25.7         No          No
## 3789   27.3         No          No
## 3790   27.8         No          No
## 3791   30.5         No          No
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## 3823   22.4         No          No
## 3824   25.5         No          No
## 3825   29.7         No          No
## 3826   31.4         No          No
## 3827   33.1         No          No
## 3828   27.8         No          No
## 3829   28.1         No          No
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## 3830   33.7        No            No
## 3831   20.6        No            No
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## 3833   31.1        No            No
## 3834   20.4        No            No
## 3835   22.4        No            No
## 3836   25.6        No            No
## 3837   31.0        No            No
## 3838   29.1        No            No
## 3839   24.7        No            No
## 3840   27.1        No            No
## 3841   29.8        No            No
## 3842   33.8        No            No
## 3843   23.4        No            No
## 3844   25.7        No            No
## 3845   26.0        No            Yes
## 3846   23.8        Yes           No
## 3847   23.0        No            Yes
## 3848   20.5        Yes           Yes
## 3849   21.0        Yes           Yes
## 3850   25.6        Yes           Yes
## 3851   30.0        Yes           No
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## 3876   20.2        No            No
## 3877   19.4        No            No
## 3878   20.2        No            No
## 3879   20.6        No            No
## 3880   22.4        No            No
## 3881   23.4        No            No
## 3882   21.7        No            Yes
## 3883   20.5        Yes           No
```

```
## 3884    15.6       No          Yes
## 3885    15.5       Yes         No
## 3886    19.2       No          No
## 3887    16.6       No          No
## 3888    17.4       No          No
## 3889    15.9       No          Yes
## 3890    13.4       Yes         Yes
## 3891    17.9       Yes         Yes
## 3892    17.0       Yes         Yes
## 3893    18.6       Yes         No
## 3894    20.3       No          No
## 3895    17.1       No          No
## 3896    17.1       No          No
## 3897    15.5       No          No
## 3898    13.7       No          No
## 3899    11.8       No          No
## 3900    15.0       No          No
## 3901    13.6       No          No
## 3902    14.4       No          No
## 3903    15.3       No          No
## 3904    13.4       No          Yes
## 3905    13.5       Yes         Yes
## 3906    15.2       Yes         Yes
## 3907    16.5       Yes         No
## 3908    15.8       No          No
## 3909    16.2       No          No
## 3910    18.1       No          No
## 3911    17.7       No          No
## 3912    12.2       No          No
## 3913    14.6       No          No
## 3914    18.3       No          No
## 3915    17.1       No          No
## 3916    17.9       No          No
## 3917    18.9       No          No
## 3918    18.4       No          No
## 3919    17.3       No          No
## 3920    13.8       No          Yes
## 3921    15.5       Yes         No
## 3922    17.1       No          No
## 3923    17.3       No          No
## 3924    18.2       No          No
## 3925    19.0       No          No
## 3926    15.4       No          No
## 3927    15.4       No          No
## 3928    14.8       No          No
## 3929    16.5       No          No
## 3930    15.5       No          No
## 3931    15.2       No          No
## 3932    16.4       No          No
## 3933    17.4       No          No
## 3934     9.2       No          No
## 3935    13.8       No          No
## 3936    13.8       No          No
## 3937    14.1       No          No
```

```
## 3938   15.2        No          No
## 3939   18.5        No          No
## 3940    9.1        No         Yes
## 3941   16.3       Yes          No
## 3942   11.2        No         Yes
## 3943   10.7       Yes         Yes
## 3944   13.0       Yes          No
## 3945   12.9        No          No
## 3946   16.8        No          No
## 3947   16.6        No          No
## 3948   15.2        No          No
## 3949   17.9        No          No
## 3950   19.0        No          No
## 3951   18.6        No          No
## 3952   18.6        No          No
## 3953   21.5        No          No
## 3954   22.3        No          No
## 3955   24.0        No          No
## 3956   25.1        No        <NA>
## 3957   23.9      <NA>          No
## 3958   21.3        No          No
## 3959   12.8        No         Yes
## 3960   15.5       Yes          No
## 3961   14.6        No          No
## 3962   16.5        No          No
## 3963   16.2        No         Yes
## 3964   17.4       Yes          No
## 3965   17.7        No          No
## 3966   16.4        No          No
## 3967   16.6        No          No
## 3968   18.0        No          No
## 3969   12.6        No         Yes
## 3970   16.8       Yes          No
## 3971   14.9        No         Yes
## 3972   17.0       Yes          No
## 3973   16.1        No          No
## 3974   15.6        No          No
## 3975   17.0        No          No
## 3976   18.9        No          No
## 3977   21.2        No          No
## 3978   20.8        No          No
## 3979   18.0        No          No
## 3980   20.3        No          No
## 3981   22.1        No          No
## 3982   17.4        No          No
## 3983   20.6        No          No
## 3984   18.5        No          No
## 3985   16.1        No          No
## 3986   19.9        No          No
## 3987   22.4        No          No
## 3988   23.6        No          No
## 3989   25.6        No         Yes
## 3990   20.6       Yes          No
## 3991   16.8        No         Yes
```

```
## 3992    14.0    Yes       Yes
## 3993    15.0    Yes        No
## 3994    17.0     No        No
## 3995    18.5     No        No
## 3996    22.4     No        No
## 3997    24.8     No        No
## 3998    20.7     No        No
## 3999    25.3     No        No
## 4000    27.4     No        No
## 4001    21.8     No        No
## 4002    25.5     No        No
## 4003    21.3     No        No
## 4004    23.3     No        No
## 4005    23.5     No        No
## 4006    29.7     No        No
## 4007    16.4     No       Yes
## 4008    11.7    Yes       Yes
## 4009    17.2    Yes        No
## 4010    20.1     No        No
## 4011    15.0     No       Yes
## 4012    17.3    Yes        No
## 4013    17.4     No        No
## 4014    15.8     No       Yes
## 4015    16.2    Yes       Yes
## 4016    17.3    Yes        No
## 4017    18.0     No        No
## 4018    18.3     No        No
## 4019    16.3     No       Yes
## 4020    20.6    Yes       Yes
## 4021    17.1    Yes       Yes
## 4022    20.2    Yes        No
## 4023    21.3     No        No
## 4024    21.3     No        No
## 4025    19.8     No        No
## 4026    20.4     No        No
## 4027    16.2     No        No
## 4028    25.1     No        No
## 4029    25.6     No        No
## 4030    20.4     No        No
## 4031    21.1     No        No
## 4032    24.4     No        No
## 4033    27.6     No        No
## 4034    29.6     No        No
## 4035    28.6     No        No
## 4036    29.3     No        No
## 4037    32.4     No        No
## 4038    15.7     No       Yes
## 4039    15.4    Yes       Yes
## 4040    16.7    Yes        No
## 4041    23.4     No        No
## 4042    26.5     No       Yes
## 4043    26.8    Yes        No
## 4044    21.1     No        No
## 4045      NA     No      <NA>
```

```
## 4046    23.6    <NA>    Yes
## 4047    15.7    Yes     Yes
## 4048    21.9    Yes     No
## 4049    27.1    No      No
## 4050    28.7    No      No
## 4051    24.4    No      <NA>
## 4052    31.6    <NA>    Yes
## 4053    31.6    Yes     No
## 4054    27.6    No      No
## 4055    24.8    No      No
## 4056    28.6    No      No
## 4057    25.7    No      No
## 4058    35.3    No      No
## 4059    28.8    No      No
## 4060    19.5    No      Yes
## 4061    17.0    Yes     Yes
## 4062    25.7    Yes     No
## 4063    34.0    No      No
## 4064    29.4    No      No
## 4065    21.9    No      Yes
## 4066    17.5    Yes     Yes
## 4067    15.8    Yes     Yes
## 4068    15.9    Yes     Yes
## 4069    18.1    Yes     Yes
## 4070    28.2    Yes     Yes
## 4071    27.8    Yes     No
## 4072    30.3    No      No
## 4073    30.1    No      No
## 4074    28.9    No      Yes
## 4075    20.0    Yes     No
## 4076    19.0    No      No
## 4077    23.1    No      No
## 4078    15.3    No      Yes
## 4079    15.9    Yes     No
## 4080    17.7    No      No
## 4081    20.5    No      Yes
## 4082    16.8    Yes     Yes
## 4083    23.6    Yes     No
## 4084    23.6    No      No
## 4085    20.6    No      Yes
## 4086    18.9    Yes     Yes
## 4087    21.7    Yes     Yes
## 4088    21.2    Yes     No
## 4089    23.2    No      No
## 4090    19.4    No      No
## 4091    22.9    No      No
## 4092    23.5    No      Yes
## 4093    23.2    Yes     Yes
## 4094    22.8    Yes     No
## 4095    22.7    No      No
## 4096    21.4    No      Yes
## 4097    25.0    Yes     No
## 4098    28.1    No      No
## 4099    28.9    No      No
```

```
## 4100    26.7        No          No
## 4101    22.7        No          No
## 4102    24.0        No          No
## 4103    23.9        No          No
## 4104    24.1        No          No
## 4105    23.5        No          No
## 4106    28.9        No          No
## 4107    29.7        No          No
## 4108    31.3        No          No
## 4109    33.0        No          No
## 4110    26.3        No          Yes
## 4111    19.8        Yes         No
## 4112    27.4        No          No
## 4113    28.9        No          Yes
## 4114    29.9        Yes         No
## 4115    28.6        No          No
## 4116    26.1        No          No
## 4117    23.7        No          No
## 4118    27.4        No          No
## 4119    21.2        No          Yes
## 4120    23.3        Yes         Yes
## 4121    22.4        Yes         Yes
## 4122    26.9        Yes         No
## 4123    28.8        No          No
## 4124    27.5        No          No
## 4125    26.7        No          No
## 4126    22.7        No          Yes
## 4127    23.6        Yes         Yes
## 4128    23.0        Yes         No
## 4129    22.4        No          Yes
## 4130    20.7        Yes         Yes
## 4131    26.5        Yes         Yes
## 4132    22.6        Yes         <NA>
## 4133    25.6        <NA>        No
## 4134    26.7        No          Yes
## 4135    32.7        Yes         No
## 4136    26.4        No          Yes
## 4137    18.1        Yes         Yes
## 4138    17.1        Yes         Yes
## 4139    19.6        Yes         Yes
## 4140    26.9        Yes         No
## 4141    30.0        No          No
## 4142    23.9        No          No
## 4143    21.0        No          No
## 4144    22.5        No          No
## 4145    20.7        No          Yes
## 4146    24.4        Yes         Yes
## 4147    17.9        Yes         Yes
## 4148    20.0        Yes         No
## 4149    23.1        No          Yes
## 4150    23.2        Yes         No
## 4151    24.0        No          No
## 4152    27.7        No          No
## 4153    22.8        No          Yes
```

```
## 4154    27.5       Yes          No
## 4155    29.4        No         Yes
## 4156    27.6       Yes         Yes
## 4157    26.2       Yes          No
## 4158    25.5        No          No
## 4159    29.0        No          No
## 4160    30.7        No          No
## 4161    28.3        No          No
## 4162    25.5        No          No
## 4163    31.1        No          No
## 4164    29.6        No         Yes
## 4165    20.6       Yes         Yes
## 4166    26.9       Yes         Yes
## 4167    17.9       Yes         Yes
## 4168    18.8       Yes         Yes
## 4169    27.8       Yes         Yes
## 4170    25.4       Yes          No
## 4171    21.5        No          No
## 4172    17.6        No         Yes
## 4173    17.2       Yes         Yes
## 4174    26.0       Yes          No
## 4175    25.2        No          No
## 4176    26.3        No          No
## 4177    25.3        No          No
## 4178    26.5        No          No
## 4179    26.9        No          No
## 4180    27.4        No          No
## 4181    28.3        No         Yes
## 4182    21.0       Yes         Yes
## 4183    22.3       Yes          No
## 4184    21.8        No         Yes
## 4185    23.5       Yes          No
## 4186    24.9        No          No
## 4187    18.5        No         Yes
## 4188    24.3       Yes          No
## 4189    23.4        No          No
## 4190    20.5        No          No
## 4191    24.1        No          No
## 4192    25.8        No          No
## 4193    22.6        No         Yes
## 4194    27.0       Yes          No
## 4195    24.7        No          No
## 4196    26.9        No          No
## 4197    25.8        No         Yes
## 4198    26.2       Yes          No
## 4199    28.3        No          No
## 4200    26.0        No          No
## 4201    25.9        No          No
## 4202    25.4        No          No
## 4203    22.8        No          No
## 4204    23.2        No          No
## 4205    23.1        No          No
## 4206    17.5        No          No
## 4207    18.6        No          No
```

```
## 4208   20.7        No           No
## 4209   25.0        No           No
## 4210   24.2        No           No
## 4211   25.0        No           No
## 4212   23.4        No           No
## 4213   20.2        No          Yes
## 4214   18.0       Yes          Yes
## 4215   24.8       Yes           No
## 4216   26.3        No           No
## 4217   23.6        No          Yes
## 4218   19.3       Yes          Yes
## 4219   18.0       Yes          Yes
## 4220   17.8       Yes           No
## 4221   18.0        No           No
## 4222   20.5        No           No
## 4223   21.3        No           No
## 4224   22.5        No           No
## 4225   16.6        No           No
## 4226   17.9        No           No
## 4227   20.6        No           No
## 4228   21.2        No           No
## 4229   21.3        No           No
## 4230   19.8        No           No
## 4231   19.9        No           No
## 4232   19.5        No           No
## 4233   16.8        No           No
## 4234   22.4        No           No
## 4235   24.8        No           No
## 4236   25.6        No           No
## 4237   26.3        No           No
## 4238   17.9        No           No
## 4239   15.7        No           No
## 4240   15.3        No           No
## 4241   18.5        No           No
## 4242   19.4        No           No
## 4243   19.1        No           No
## 4244   20.4        No           No
## 4245   20.7        No           No
## 4246   16.7        No           No
## 4247   19.3        No           No
## 4248   20.1        No           No
## 4249   20.5        No           No
## 4250   10.0        No          Yes
## 4251   16.1       Yes           No
## 4252   14.9        No           No
## 4253   17.2        No           No
## 4254   17.1        No           No
## 4255   17.0        No           No
## 4256   18.1        No           No
## 4257   19.7        No           No
## 4258   17.1        No           No
## 4259   14.3        No          Yes
## 4260   15.0       Yes           No
## 4261   17.2        No           No
```

```
## 4262    9.4      No      Yes
## 4263   13.2     Yes       No
## 4264   16.1      No       No
## 4265   15.7      No       No
## 4266   15.9      No       No
## 4267   14.9      No      Yes
## 4268   12.5     Yes      Yes
## 4269   15.5     Yes      Yes
## 4270   14.5     Yes       No
## 4271   17.6      No       No
## 4272   19.6      No       No
## 4273   11.6      No      Yes
## 4274   16.5     Yes       No
## 4275   17.2      No       No
## 4276   17.9      No       No
## 4277   15.1      No       No
## 4278   16.8      No       No
## 4279   14.2      No       No
## 4280   15.5      No       No
## 4281   16.3      No       No
## 4282   18.5      No       No
## 4283   11.6      No       No
## 4284   14.4      No       No
## 4285   16.0      No       No
## 4286   19.3      No       No
## 4287   17.2      No       No
## 4288   13.8      No       No
## 4289   14.2      No       No
## 4290   15.0      No       No
## 4291   14.3      No       No
## 4292   14.8      No      Yes
## 4293   13.7     Yes       No
## 4294   15.0      No       No
## 4295   17.2      No       No
## 4296   17.2      No       No
## 4297   13.4      No      Yes
## 4298   19.3     Yes       No
## 4299   13.4      No      Yes
## 4300   20.7     Yes       No
## 4301   18.0      No       No
## 4302   16.1      No       No
## 4303   18.8      No       No
## 4304   19.5      No       No
## 4305   18.4      No       No
## 4306   14.9      No       No
## 4307   16.4      No       No
## 4308   16.1      No       No
## 4309   12.5      No      Yes
## 4310   14.7     Yes      Yes
## 4311   14.6     Yes       No
## 4312   17.5      No       No
## 4313   18.1      No       No
## 4314   15.6      No       No
## 4315   16.4      No       No
```

```
## 4316    15.9      No         No
## 4317    15.2      No         No
## 4318    13.4      No         No
## 4319    15.2      No         No
## 4320    16.5      No         No
## 4321    17.7      No         No
## 4322    19.4      No         No
## 4323    19.6      No         No
## 4324    16.6      No         No
## 4325    17.3      No         No
## 4326    20.9      No         No
## 4327    17.5      No         No
## 4328    16.3      No         No
## 4329    16.0      No         No
## 4330    14.0      No         No
## 4331    18.1      No         No
## 4332    17.6      No         No
## 4333    23.2      No         No
## 4334    19.1      No         No
## 4335    13.7      No         No
## 4336    17.3      No         No
## 4337    19.3      No         No
## 4338    17.9      No         No
## 4339    20.6      No         No
## 4340    24.3      No         No
## 4341    25.4      No         Yes
## 4342    18.4      Yes        No
## 4343    18.6      No         No
## 4344    17.7      No         No
## 4345    18.6      No         <NA>
## 4346    20.0      <NA>       <NA>
## 4347    21.1      <NA>       No
##  [ reached 'max' / getOption("max.print") -- omitted 141113 rows ]
```

```
summary(rain)
```

```
##      Date              Location            MinTemp          MaxTemp
##  Length:145460      Length:145460      Min.   :-8.50    Min.   :-4.80
##  Class :character   Class :character   1st Qu.: 7.60    1st Qu.:17.90
##  Mode  :character   Mode  :character   Median :12.00    Median :22.60
##                                        Mean   :12.19    Mean   :23.22
##                                        3rd Qu.:16.90    3rd Qu.:28.20
##                                        Max.   :33.90    Max.   :48.10
##                                        NA's   :1485     NA's   :1261
##     Rainfall         Evaporation        Sunshine        WindGustDir
##  Min.   :  0.000   Min.   :  0.00   Min.   : 0.00   Length:145460
##  1st Qu.:  0.000   1st Qu.:  2.60   1st Qu.: 4.80   Class :character
##  Median :  0.000   Median :  4.80   Median : 8.40   Mode  :character
##  Mean   :  2.361   Mean   :  5.47   Mean   : 7.61
##  3rd Qu.:  0.800   3rd Qu.:  7.40   3rd Qu.:10.60
##  Max.   :371.000   Max.   :145.00   Max.   :14.50
##  NA's   :3261      NA's   :62790    NA's   :69835
##  WindGustSpeed    WindDir9am          WindDir3pm         WindSpeed9am
##  Min.   :  6.00   Length:145460      Length:145460      Min.   :  0.00
##  1st Qu.: 31.00   Class :character   Class :character   1st Qu.:  7.00
```

```
##    Median : 39.00   Mode :character   Mode :character   Median : 13.00
##    Mean   : 40.03                                        Mean   : 14.04
##    3rd Qu.: 48.00                                        3rd Qu.: 19.00
##    Max.   :135.00                                        Max.   :130.00
##    NA's   :10263                                         NA's   :1767
##    WindSpeed3pm     Humidity9am      Humidity3pm      Pressure9am
##    Min.   : 0.00   Min.   :  0.00   Min.   :  0.00   Min.   : 980.5
##    1st Qu.:13.00   1st Qu.: 57.00   1st Qu.: 37.00   1st Qu.:1012.9
##    Median :19.00   Median : 70.00   Median : 52.00   Median :1017.6
##    Mean   :18.66   Mean   : 68.88   Mean   : 51.54   Mean   :1017.6
##    3rd Qu.:24.00   3rd Qu.: 83.00   3rd Qu.: 66.00   3rd Qu.:1022.4
##    Max.   :87.00   Max.   :100.00   Max.   :100.00   Max.   :1041.0
##    NA's   :3062    NA's   :2654     NA's   :4507     NA's   :15065
##    Pressure3pm      Cloud9am         Cloud3pm         Temp9am
##    Min.   : 977.1  Min.   :0.00     Min.   :0.00     Min.   :-7.20
##    1st Qu.:1010.4  1st Qu.:1.00     1st Qu.:2.00     1st Qu.:12.30
##    Median :1015.2  Median :5.00     Median :5.00     Median :16.70
##    Mean   :1015.3  Mean   :4.45     Mean   :4.51     Mean   :16.99
##    3rd Qu.:1020.0  3rd Qu.:7.00     3rd Qu.:7.00     3rd Qu.:21.60
##    Max.   :1039.6  Max.   :9.00     Max.   :9.00     Max.   :40.20
##    NA's   :15028   NA's   :55888    NA's   :59358    NA's   :1767
##    Temp3pm          RainToday        RainTomorrow
##    Min.   :-5.40   Length:145460    Length:145460
##    1st Qu.:16.60   Class :character Class :character
##    Median :21.10   Mode  :character Mode  :character
##    Mean   :21.68
##    3rd Qu.:26.40
##    Max.   :46.70
##    NA's   :3609
```

Data Preprocessing

```r
# Find Empty Columns
empty_columns <- which(colSums(is.na(rain)) == nrow(rain))
names_of_empty_col<- names(rain)[empty_columns]
names_of_empty_col
```

```
## character(0)
```

```r
dim(rain)
```

```
## [1] 145460     23
```

```r
# Omit rows with NAs. We are left with 56,420 rows and 23 columns
rain <- na.omit(rain)
print(rain)
```

```
##              Date     Location MinTemp MaxTemp Rainfall Evaporation Sunshine
## 6050   2009-01-01        Cobar    17.9    35.2      0.0        12.0     12.3
## 6051   2009-01-02        Cobar    18.4    28.9      0.0        14.8     13.0
## 6053   2009-01-04        Cobar    19.4    37.6      0.0        10.8     10.6
## 6054   2009-01-05        Cobar    21.9    38.4      0.0        11.4     12.2
## 6055   2009-01-06        Cobar    24.2    41.0      0.0        11.2      8.4
## 6056   2009-01-07        Cobar    27.1    36.1      0.0        13.0      0.0
## 6057   2009-01-08        Cobar    23.3    34.0      0.0         9.8     12.6
## 6058   2009-01-09        Cobar    16.1    34.2      0.0        14.6     13.2
```

```
## 6059   2009-01-10       Cobar     19.0    35.5     0.0       12.0     12.3
## 6060   2009-01-11       Cobar     19.7    35.5     0.0       11.0     12.7
## 6061   2009-01-12       Cobar     20.9    37.8     0.0       12.8     13.2
## 6062   2009-01-13       Cobar     23.9    39.1     0.0       13.8     12.1
## 6063   2009-01-14       Cobar     24.9    41.2     0.0       14.8     13.0
## 6064   2009-01-15       Cobar     25.2    40.5     0.0       16.4     10.3
## 6065   2009-01-16       Cobar     21.6    34.2     0.0       17.4     13.1
## 6066   2009-01-17       Cobar     18.4    31.8     0.0       16.0     12.9
## 6067   2009-01-18       Cobar     17.9    34.2     0.0       12.0     11.3
## 6068   2009-01-19       Cobar     21.4    37.5     0.0       14.8      6.9
## 6069   2009-01-20       Cobar     23.3    39.4     4.8       12.0     10.9
## 6070   2009-01-21       Cobar     25.4    33.5     0.0       13.6      3.7
## 6071   2009-01-22       Cobar     21.8    30.7     0.0        8.0      5.9
## 6072   2009-01-23       Cobar     20.3    36.0    18.0        8.2     10.5
## 6073   2009-01-24       Cobar     22.1    34.7     8.6        8.6     12.4
## 6074   2009-01-25       Cobar     19.7    37.3     0.0       14.2     13.4
## 6075   2009-01-26       Cobar     23.8    39.9     0.0       12.6     13.2
## 6076   2009-01-27       Cobar     27.0    38.7     0.0       14.2     13.0
## 6077   2009-01-28       Cobar     26.2    38.5     0.0       14.6     13.3
## 6078   2009-01-29       Cobar     25.0    39.5     0.0       14.6     13.6
## 6079   2009-01-30       Cobar     25.1    39.3     0.0       15.8     13.2
## 6080   2009-01-31       Cobar     25.2    38.5     0.0       16.2     13.1
## 6081   2009-02-01       Cobar     24.8    40.8     0.0       13.4     11.3
## 6082   2009-02-02       Cobar     27.6    40.3     0.0       14.4     10.9
## 6083   2009-02-03       Cobar     23.6    40.4     0.6       11.8     12.2
## 6084   2009-02-04       Cobar     24.1    41.4     1.6       12.6     12.3
## 6085   2009-02-05       Cobar     27.2    43.4     0.0       14.2     12.6
## 6086   2009-02-06       Cobar     29.1    43.5     0.0       13.0     12.1
## 6087   2009-02-07       Cobar     28.9    41.4     0.0       15.6     12.7
## 6088   2009-02-08       Cobar     25.1    42.0     0.0       17.4     13.0
## 6089   2009-02-09       Cobar     25.4    36.6     0.0       15.2     10.3
## 6090   2009-02-10       Cobar     19.3    28.1     0.0       16.0      7.4
## 6091   2009-02-11       Cobar     14.1    25.9     0.0       11.6     12.3
## 6092   2009-02-12       Cobar     14.5    30.1     0.0        9.6     10.0
## 6093   2009-02-13       Cobar     16.8    23.3     0.6        8.0      2.3
## 6094   2009-02-14       Cobar     16.1    19.1    26.0        6.6      0.0
## 6095   2009-02-15       Cobar     16.0    24.2     7.0        0.6      6.6
## 6096   2009-02-16       Cobar     17.4    19.7     0.0        6.0      0.0
## 6097   2009-02-17       Cobar     15.9    20.8    32.6        3.0      0.3
## 6098   2009-02-18       Cobar     16.5    27.4     1.6        2.0     10.0
## 6099   2009-02-19       Cobar     16.8    30.6     0.0        5.2     10.7
## 6100   2009-02-20       Cobar     20.4    34.0     0.0        6.6     11.6
## 6101   2009-02-21       Cobar     19.9    31.7     0.0        9.0     12.4
## 6102   2009-02-22       Cobar     17.2    34.3     0.0       10.2     12.4
## 6103   2009-02-23       Cobar     21.9    35.1     0.0        9.0     10.2
## 6104   2009-02-24       Cobar     21.0    34.7     2.0       10.0      9.0
## 6105   2009-02-25       Cobar     18.7    33.1     0.8        7.4     12.1
## 6106   2009-02-26       Cobar     17.9    33.8     0.0        8.4     12.0
## 6107   2009-02-27       Cobar     19.9    33.5     0.0        9.2     12.3
## 6108   2009-02-28       Cobar     22.2    36.9     0.0        9.4     12.0
## 6109   2009-03-01       Cobar     16.9    32.8     0.0       12.4     10.7
## 6110   2009-03-02       Cobar     20.0    31.1     0.0       10.4      3.0
## 6111   2009-03-03       Cobar     23.0    38.9     0.0        7.2      8.4
## 6112   2009-03-04       Cobar     18.6    24.5     0.0       15.2      7.9
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## 6113   2009-03-05       Cobar    14.1    24.6     0.0       11.0      11.5
## 6114   2009-03-06       Cobar    11.9    26.4     0.0        8.4      12.1
## 6115   2009-03-07       Cobar    13.1    29.6     0.0        8.0      12.0
## 6116   2009-03-08       Cobar    16.5    33.2     0.0        9.4      12.0
## 6117   2009-03-09       Cobar    21.1    33.4     0.0       10.4      11.2
## 6118   2009-03-10       Cobar    21.6    31.1     0.0       10.8       4.8
## 6119   2009-03-11       Cobar    19.5    31.4     0.0        6.8      10.5
## 6120   2009-03-12       Cobar    21.6    32.2     0.0       11.2       5.8
## 6121   2009-03-13       Cobar    18.5    29.6     9.2        7.6       6.0
## 6123   2009-03-15       Cobar    16.0    24.3     0.0       10.4      11.1
## 6124   2009-03-16       Cobar     9.2    24.4     0.0        7.6      10.9
## 6125   2009-03-17       Cobar    12.1    25.8     0.0        6.8      11.8
## 6126   2009-03-18       Cobar    13.9    29.5     0.0        6.4      11.8
## 6127   2009-03-19       Cobar    15.3    32.3     0.0        6.0      11.3
## 6128   2009-03-20       Cobar    17.6    33.9     0.0        8.0      11.6
## 6129   2009-03-21       Cobar    19.1    34.2     0.0        9.0      11.4
## 6130   2009-03-22       Cobar    20.9    34.3     0.0       10.2       7.9
## 6131   2009-03-23       Cobar    21.3    35.9     0.0        9.0      10.8
## 6132   2009-03-24       Cobar    19.2    37.0     0.0       10.2      11.1
## 6133   2009-03-25       Cobar    23.5    36.5     0.0       15.6       7.8
## 6134   2009-03-26       Cobar    21.9    36.4     0.0       11.4       6.6
## 6135   2009-03-27       Cobar    20.8    31.2     0.2       11.4      10.3
## 6136   2009-03-28       Cobar    15.9    31.0     0.0        9.8      11.4
## 6137   2009-03-29       Cobar    16.6    31.6     0.0        7.8      11.1
## 6138   2009-03-30       Cobar    17.3    31.0     0.0        7.0      11.1
## 6140   2009-04-01       Cobar    18.0    30.6     0.0        8.4      11.2
## 6141   2009-04-02       Cobar    19.7    31.8     0.0        8.8      11.2
## 6142   2009-04-03       Cobar    21.0    32.8     0.0        6.8      10.3
## 6143   2009-04-04       Cobar    15.6    24.3     0.2        8.2      11.2
## 6144   2009-04-05       Cobar     9.9    24.6     0.0        7.0      11.2
## 6145   2009-04-06       Cobar    10.7    23.3     0.0        6.2      11.0
## 6146   2009-04-07       Cobar     9.4    25.6     0.0        7.6      11.2
## 6147   2009-04-08       Cobar    13.5    28.4     0.0        5.8       9.0
## 6148   2009-04-09       Cobar    17.1    28.7     0.0        6.6       5.5
## 6149   2009-04-10       Cobar    16.5    20.6    14.4        6.0       0.0
## 6150   2009-04-11       Cobar    16.0    24.4     2.4        0.2       4.7
## 6151   2009-04-12       Cobar    16.8    23.9     5.4        2.4       4.2
## 6152   2009-04-13       Cobar    16.2    23.9     0.0        1.8       4.4
## 6154   2009-04-15       Cobar    14.5    28.4     0.0        2.8      11.1
## 6155   2009-04-16       Cobar    14.9    29.4     0.0        8.0       9.8
## 6156   2009-04-17       Cobar    11.7    23.8     0.0        5.0      11.0
## 6157   2009-04-18       Cobar    11.2    23.8     0.0        5.0      11.0
## 6158   2009-04-19       Cobar    11.4    25.6     0.0        5.0      10.9
## 6159   2009-04-20       Cobar    13.3    24.1     0.0        5.2      11.2
## 6160   2009-04-21       Cobar    11.9    24.0     0.0        6.2      10.9
## 6161   2009-04-22       Cobar    12.3    24.6     0.0        5.0       9.9
## 6162   2009-04-23       Cobar    12.0    25.9     0.0        4.4      11.0
## 6163   2009-04-24       Cobar    16.7    24.6     0.0        7.0       4.3
## 6164   2009-04-25       Cobar    12.7    23.4     0.6        5.0      10.6
## 6165   2009-04-26       Cobar    11.2    18.4     1.0        5.6       9.0
## 6166   2009-04-27       Cobar     5.7    19.7     0.0        4.8      10.3
## 6167   2009-04-28       Cobar    12.4    19.9     1.0        4.2       8.0
## 6168   2009-04-29       Cobar     6.2    17.0     0.0        4.0       9.6
## 6170   2009-05-01       Cobar     6.2    19.3     0.0        3.0       7.8
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## 6171   2009-05-02      Cobar     6.6   20.6    0.0      2.4     10.6
## 6172   2009-05-03      Cobar     7.5   22.8    0.0      4.2     10.7
## 6173   2009-05-04      Cobar     8.5   23.3    0.0      4.2     10.7
## 6174   2009-05-05      Cobar     9.7   23.1    0.0      4.8     10.4
## 6175   2009-05-06      Cobar     5.9   23.9    0.0      4.6     10.6
## 6176   2009-05-07      Cobar     7.9   23.5    0.0      4.0     10.4
## 6177   2009-05-08      Cobar     7.5   21.7    0.0      4.0     10.5
## 6178   2009-05-09      Cobar     6.2   22.2    0.0      4.0     10.5
## 6179   2009-05-10      Cobar     7.7   23.2    0.0      3.4     10.4
## 6180   2009-05-11      Cobar    10.4   23.4    0.0      4.2      9.3
## 6181   2009-05-12      Cobar     9.7   23.2    0.0      4.0      8.7
## 6182   2009-05-13      Cobar     9.0   21.2    0.0      3.4     10.2
## 6183   2009-05-14      Cobar     5.4   20.4    0.0      4.6     10.0
## 6184   2009-05-15      Cobar     7.5   21.2    0.0      3.4     10.4
## 6185   2009-05-16      Cobar     8.8   20.6    0.0      4.4      7.6
## 6186   2009-05-17      Cobar     7.8   19.4    0.0      3.6      6.9
## 6188   2009-05-19      Cobar    12.8   14.7    7.6      4.6      0.0
## 6189   2009-05-20      Cobar    12.5   15.6   17.6      0.0      0.0
## 6190   2009-05-21      Cobar    12.7   20.0    7.8      1.4      7.5
## 6191   2009-05-22      Cobar    10.9   20.8    0.2      2.8     10.1
## 6192   2009-05-23      Cobar    12.6   22.9    0.0      4.0     10.2
## 6193   2009-05-24      Cobar    13.2   22.9    0.0      4.0      9.9
## 6194   2009-05-25      Cobar    13.5   21.5    0.0      4.6      6.3
## 6195   2009-05-26      Cobar    13.0   21.3    1.0      3.8      2.8
## 6196   2009-05-27      Cobar    12.6   16.3    3.6      2.2      0.7
## 6197   2009-05-28      Cobar     7.2   15.9    0.0      0.8      9.4
## 6198   2009-05-29      Cobar     2.4   15.6    0.0      2.4      9.3
## 6199   2009-05-30      Cobar     6.8   17.7    0.0      2.2      9.7
## 6200   2009-05-31      Cobar    10.7   15.6    0.0      2.6      0.6
## 6201   2009-06-01      Cobar    11.3   13.0   10.0      1.8      0.0
## 6202   2009-06-02      Cobar    11.1   13.9   12.0      0.0      0.0
## 6204   2009-06-04      Cobar    11.6   18.6    0.2      0.6      8.3
## 6205   2009-06-05      Cobar     6.9   17.6    0.0      2.2      9.3
## 6206   2009-06-06      Cobar     6.9   16.7    0.0      1.6      4.1
## 6207   2009-06-07      Cobar     6.5   14.5    3.4      1.2      3.9
## 6208   2009-06-08      Cobar     8.8   15.8    0.0      1.0      8.3
## 6209   2009-06-09      Cobar     5.5   14.3    0.8      2.8      6.2
## 6211   2009-06-11      Cobar     0.2   12.1    0.0      2.8      9.6
## 6212   2009-06-12      Cobar     1.9   12.8    0.0      1.2      6.8
## 6213   2009-06-13      Cobar     6.1   18.0    0.0      1.4      7.8
## 6214   2009-06-14      Cobar     8.3   19.0    0.2      3.8      8.6
## 6215   2009-06-15      Cobar     4.7   14.9    0.0      3.4      2.7
## 6216   2009-06-16      Cobar     7.9   17.1    0.6      0.6      8.7
## 6217   2009-06-17      Cobar     5.2   17.8    0.0      2.4      8.2
## 6218   2009-06-18      Cobar     6.5   17.5    0.0      2.0      9.7
## 6219   2009-06-19      Cobar     6.7   17.3    0.0      2.2      8.0
## 6220   2009-06-20      Cobar     8.5   18.4    0.0      2.4      7.5
## 6221   2009-06-21      Cobar    11.7   20.1    0.0      2.0      3.1
## 6222   2009-06-22      Cobar     9.5   20.9    2.0      1.8      9.9
## 6223   2009-06-23      Cobar     7.4   22.3    0.2      2.2      9.4
## 6224   2009-06-24      Cobar     6.5   16.7    0.0      3.2      9.8
## 6225   2009-06-25      Cobar     7.2   16.6    0.0      2.6      1.8
## 6226   2009-06-26      Cobar     7.8   12.2    0.2      2.2      0.1
## 6227   2009-06-27      Cobar     9.2   14.6   38.8      0.8      0.8
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## 6228   2009-06-28      Cobar     9.5    16.0    6.4     0.6     3.4
## 6230   2009-06-30      Cobar     9.8    20.7    0.0     2.4     3.0
## 6231   2009-07-01      Cobar     8.7    17.0    0.0     4.0     9.6
## 6232   2009-07-02      Cobar     4.3    16.5    0.0     3.4     8.7
## 6233   2009-07-03      Cobar     8.5    14.3    0.0     2.8     5.0
## 6234   2009-07-04      Cobar     7.1    13.5    0.0     2.6     5.7
## 6235   2009-07-05      Cobar     8.3    14.7    0.0     2.4     7.4
## 6236   2009-07-06      Cobar     4.4    12.8    0.0     2.2     6.1
## 6237   2009-07-07      Cobar     1.7    14.6    0.0     1.0     9.8
## 6238   2009-07-08      Cobar     5.3    16.6    0.0     2.0     9.6
## 6239   2009-07-09      Cobar     6.3    17.0    0.0     2.2    10.0
## 6240   2009-07-10      Cobar     5.6    17.6    0.0     2.4    10.0
## 6241   2009-07-11      Cobar     8.4    18.4    0.0     2.8     7.0
## 6242   2009-07-12      Cobar    10.5    19.5    0.2     3.4     2.9
## 6243   2009-07-13      Cobar     7.7    15.6    0.2     1.2     5.5
## 6245   2009-07-15      Cobar     6.3    12.0    5.8     2.0     2.5
## 6247   2009-07-17      Cobar     1.9    13.7    0.0     1.0     7.1
## 6248   2009-07-18      Cobar     3.2    15.3    0.0     0.8     8.9
## 6249   2009-07-19      Cobar     3.7    17.6    0.0     2.2    10.3
## 6251   2009-07-21      Cobar     8.2    22.7    0.0     3.8     9.1
## 6252   2009-07-22      Cobar    12.2    17.4    0.0     4.2     1.7
## 6253   2009-07-23      Cobar     5.1    13.0    2.4     1.6     8.1
## 6254   2009-07-24      Cobar     1.2    15.5    0.0     1.6    10.3
## 6255   2009-07-25      Cobar     3.4    17.1    0.0     1.8     9.5
## 6256   2009-07-26      Cobar     8.9    12.2    0.8     2.4     1.2
## 6257   2009-07-27      Cobar     4.6    11.4    1.8     0.6     1.4
## 6258   2009-07-28      Cobar     3.6    16.6    0.0     0.8     8.2
## 6259   2009-07-29      Cobar     5.3    15.1    0.0     2.2     2.9
## 6260   2009-07-30      Cobar     4.9    15.8    0.0     1.6     5.5
## 6261   2009-07-31      Cobar     9.3    17.2    0.0     1.4     6.2
## 6262   2009-08-01      Cobar     4.7    16.3    0.0     2.6    10.1
## 6263   2009-08-02      Cobar     5.2    17.6    0.0     2.2    10.1
## 6266   2009-08-05      Cobar     5.9    19.9    0.0     5.0     6.3
## 6267   2009-08-06      Cobar     8.0    20.5    0.0     2.4     9.9
## 6268   2009-08-07      Cobar     7.2    19.2    0.0     4.2    10.1
## 6269   2009-08-08      Cobar     2.3    16.2    0.0     4.2    10.8
## 6270   2009-08-09      Cobar     1.7    17.6    0.0     3.2     8.8
## 6271   2009-08-10      Cobar     6.2    21.4    0.0     2.4     9.8
## 6272   2009-08-11      Cobar     8.4    19.1    0.0     5.4     5.8
## 6273   2009-08-12      Cobar     7.5    19.3    0.0     4.0     9.8
## 6274   2009-08-13      Cobar     4.1    19.0    0.0     3.8     7.8
## 6275   2009-08-14      Cobar     6.5    20.3    0.0     2.4    10.7
## 6276   2009-08-15      Cobar     7.4    22.8    0.0     3.6    10.6
## 6277   2009-08-16      Cobar    13.4    28.0    0.0     6.4     2.3
## 6278   2009-08-17      Cobar     7.8    18.2    0.0     6.0    10.8
## 6279   2009-08-18      Cobar     5.2    18.8    0.0     3.4    10.7
## 6280   2009-08-19      Cobar     4.9    21.3    0.0     4.0     9.4
## 6281   2009-08-20      Cobar    10.0    22.8    0.0     3.4    10.0
## 6282   2009-08-21      Cobar    10.5    27.6    0.0     4.0     4.4
## 6283   2009-08-22      Cobar    11.9    19.9    0.4     6.2     2.2
## 6284   2009-08-23      Cobar    14.1    28.9    0.2     2.2     7.0
## 6285   2009-08-24      Cobar    15.4    23.2    0.0     4.2     3.9
## 6286   2009-08-25      Cobar    10.4    17.5    0.0     6.0     9.8
## 6287   2009-08-26      Cobar     6.2    18.8    0.0     4.2    11.0
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## 6288   2009-08-27      Cobar     5.2    23.3     0.0      3.4    11.1
## 6289   2009-08-28      Cobar     6.5    23.7     0.0      4.8     5.7
## 6290   2009-08-29      Cobar    15.4    26.7     0.4      5.2     1.4
## 6291   2009-08-30      Cobar     9.3    16.3     0.0      7.8    11.3
## 6292   2009-08-31      Cobar     3.5    18.2     0.0      4.0    10.8
## 6293   2009-09-01      Cobar     6.6    21.1     0.0      4.8    11.0
## 6294   2009-09-02      Cobar     7.4    22.9     0.0      3.8    11.2
## 6297   2009-09-05      Cobar     6.1    19.0     8.0      6.0    11.4
## 6298   2009-09-06      Cobar     6.7    21.7     0.0      3.8    10.6
## 6299   2009-09-07      Cobar    13.3    21.0     0.0      7.2     8.3
## 6300   2009-09-08      Cobar     7.9    18.5     0.0      6.2    10.7
## 6301   2009-09-09      Cobar     4.9    18.6     0.0      4.8    11.3
## 6303   2009-09-11      Cobar     6.5    26.0     0.0      4.6    11.3
## 6304   2009-09-12      Cobar    12.0    30.1     0.0      7.6    11.2
## 6305   2009-09-13      Cobar    14.5    32.7     0.0     10.8    11.0
## 6306   2009-09-14      Cobar    13.8    24.6     0.0     10.0    10.9
## 6307   2009-09-15      Cobar     8.1    24.2     0.0      6.4    10.6
## 6308   2009-09-16      Cobar     7.1    28.2     0.0      5.2    11.5
## 6309   2009-09-17      Cobar    15.7    31.3     0.0      6.2     3.5
## 6310   2009-09-18      Cobar    10.9    22.9     7.0      5.2     9.9
## 6311   2009-09-19      Cobar     9.6    26.6     0.0      4.0    10.9
## 6312   2009-09-20      Cobar    14.4    29.2     0.0      6.0     9.2
## 6313   2009-09-21      Cobar    14.8    21.5     0.6      6.8     0.6
## 6314   2009-09-22      Cobar    15.1    29.6     1.0      2.2     3.1
## 6315   2009-09-23      Cobar     9.6    18.7     0.4      9.2     1.9
## 6316   2009-09-24      Cobar     7.1    21.7     0.0      4.2    11.2
## 6317   2009-09-25      Cobar     8.8    27.5     0.0      6.2    10.5
## 6318   2009-09-26      Cobar     8.7    17.7     0.0     13.0     9.7
## 6319   2009-09-27      Cobar     6.9    16.8     0.0      8.2    11.7
## 6320   2009-09-28      Cobar     7.7    19.3     0.0      7.0    11.6
## 6321   2009-09-29      Cobar     5.9    22.1     0.0      5.8    11.5
## 6322   2009-09-30      Cobar     7.4    27.6     0.0      5.8    11.9
## 6323   2009-10-01      Cobar    14.7    34.9     0.0     10.0    11.4
## 6324   2009-10-02      Cobar    16.6    33.4     0.0     11.0     9.2
## 6325   2009-10-03      Cobar    11.6    17.7     0.0     10.6     3.7
## 6326   2009-10-04      Cobar     8.2    20.8     0.0      4.0     7.7
## 6327   2009-10-05      Cobar    11.2    24.1     0.0      3.8    11.7
## 6328   2009-10-06      Cobar     8.0    22.4     0.0      7.6    12.0
## 6329   2009-10-07      Cobar     5.4    18.1     0.0      8.4    12.0
## 6330   2009-10-08      Cobar     4.0    19.6     0.0      7.4    12.1
## 6331   2009-10-09      Cobar     6.1    22.0     0.0      5.6    11.9
## 6332   2009-10-10      Cobar     9.7    24.4     0.0      6.8     7.9
## 6333   2009-10-11      Cobar    10.3    27.7     0.0      6.6    10.5
## 6334   2009-10-12      Cobar    16.3    29.1     0.0      8.4     0.9
## 6335   2009-10-13      Cobar     9.1    23.8     0.6      4.6    10.1
## 6336   2009-10-14      Cobar    12.4    21.5     0.0     10.4    11.2
## 6337   2009-10-15      Cobar     9.5    21.6     0.0      7.6     9.2
## 6338   2009-10-16      Cobar     6.7    19.5     0.0      7.2    12.6
## 6339   2009-10-17      Cobar     7.8    22.1     0.0      7.6     9.6
## 6340   2009-10-18      Cobar     8.5    24.8     0.0      6.0    12.5
## 6341   2009-10-19      Cobar     9.9    28.6     0.0      7.0    12.9
## 6342   2009-10-20      Cobar    13.9    32.6     0.0      7.6    12.7
## 6343   2009-10-21      Cobar    15.4    36.0     0.0      9.6    12.3
## 6344   2009-10-22      Cobar    17.1    36.7     0.0     11.4     9.8
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## 6345   2009-10-23        Cobar    17.5    35.1     0.0     11.2    11.0
## 6348   2009-10-26        Cobar     9.8    16.1     6.0      6.8     0.1
## 6349   2009-10-27        Cobar    11.7    23.7    25.6      4.0     5.9
## 6350   2009-10-28        Cobar    15.3    26.1     0.2      3.6     8.0
## 6351   2009-10-29        Cobar    16.4    31.2     0.2      4.4     8.2
## 6352   2009-10-30        Cobar    17.9    30.7     0.0      8.6    11.8
## 6353   2009-10-31        Cobar    19.6    33.4     0.0      8.8    11.8
## 6354   2009-11-01        Cobar    21.2    35.0     0.0     10.0    12.8
## 6355   2009-11-02        Cobar    21.9    37.5     0.0     10.4    12.7
## 6356   2009-11-03        Cobar    21.3    38.3     0.0     12.6    11.3
## 6357   2009-11-04        Cobar    16.7    28.3     0.0     14.6    10.6
## 6358   2009-11-05        Cobar    14.3    27.3     0.0     10.4    13.1
## 6359   2009-11-06        Cobar    14.9    31.3     0.0      8.6    12.7
## 6360   2009-11-07        Cobar    16.6    29.2     0.0     10.6    11.5
## 6361   2009-11-08        Cobar    18.0    31.8     0.0     10.2    12.6
## 6362   2009-11-09        Cobar    20.0    32.7     0.0     10.6    11.7
## 6363   2009-11-10        Cobar    18.9    34.1     0.0      9.6    13.7
## 6364   2009-11-11        Cobar    19.8    36.5     0.0     10.2    12.8
## 6365   2009-11-12        Cobar    21.7    40.4     0.0     11.8    10.3
## 6366   2009-11-13        Cobar    21.9    37.4     0.0     13.8    13.1
## 6367   2009-11-14        Cobar    20.2    36.4     0.0     14.2    13.2
## 6368   2009-11-15        Cobar    22.5    39.8     0.0     10.6    11.4
## 6369   2009-11-16        Cobar    25.3    41.7     0.0     12.4     7.7
## 6370   2009-11-17        Cobar    23.6    38.2     0.0     16.8    12.1
## 6371   2009-11-18        Cobar    21.0    41.8     0.0     14.8    12.7
## 6372   2009-11-19        Cobar    27.4    43.9     0.0     13.8     8.5
## 6373   2009-11-20        Cobar    28.8    45.4     0.0     17.0     8.8
## 6374   2009-11-21        Cobar    27.3    39.7     0.0     20.2     9.7
## 6375   2009-11-22        Cobar    26.1    33.1     0.0     12.0     2.9
## 6376   2009-11-23        Cobar    17.6    19.6     0.2     10.0     0.2
## 6377   2009-11-24        Cobar    13.8    33.8     7.0      1.8     6.1
## 6378   2009-11-25        Cobar    19.4    36.7     0.0      6.4    12.0
## 6379   2009-11-26        Cobar    21.4    28.1     0.6     12.6     4.6
## 6380   2009-11-27        Cobar    15.4    33.0     2.0      4.8    12.6
## 6381   2009-11-28        Cobar    19.8    32.2     0.0     11.6    11.1
## 6382   2009-11-29        Cobar    18.5    26.2     0.0     15.6    12.0
## 6383   2009-11-30        Cobar    15.4    27.3     0.0     10.8    10.9
## 6384   2009-12-01        Cobar    14.0    28.0     0.0      8.8    12.4
## 6385   2009-12-02        Cobar    15.3    29.8     0.0     10.0    12.5
## 6386   2009-12-03        Cobar    17.1    34.0     0.0     12.0    11.8
## 6387   2009-12-04        Cobar    17.5    35.8     0.0     11.0    12.4
## 6388   2009-12-05        Cobar    15.5    32.7     0.0     14.6    12.4
## 6389   2009-12-06        Cobar    17.5    33.5     0.0     13.6    12.5
## 6390   2009-12-07        Cobar    19.8    37.5     0.0     10.8    12.5
## 6391   2009-12-08        Cobar    22.8    39.9     0.0     14.0     8.2
## 6392   2009-12-09        Cobar    13.3    31.3     0.0     13.8    12.5
## 6393   2009-12-10        Cobar    18.9    35.0     0.0     10.4     4.0
## 6395   2009-12-12        Cobar    13.4    31.9     0.0      8.2    12.2
## 6396   2009-12-13        Cobar    18.4    33.9     0.0     11.8    12.4
## 6397   2009-12-14        Cobar    18.9    35.9     0.0     12.8    12.4
## 6398   2009-12-15        Cobar    19.8    38.8     0.0     12.4    12.6
## 6399   2009-12-16        Cobar    22.8    41.9     0.0     13.4    12.7
## 6400   2009-12-17        Cobar    26.5    41.8     0.0     15.2    11.1
## 6401   2009-12-18        Cobar    18.7    24.8     1.6     15.2     2.4
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## 6402   2009-12-19        Cobar   14.3    30.9     0.2      4.0    12.5
## 6403   2009-12-20        Cobar   17.6    34.2     0.0     10.6    11.7
## 6404   2009-12-21        Cobar   19.2    37.6     0.0     11.6    12.4
## 6405   2009-12-22        Cobar   22.6    38.4     0.0     11.4    12.9
## 6406   2009-12-23        Cobar   21.9    39.7     0.0     12.8    12.0
## 6407   2009-12-24        Cobar   27.3    39.6     0.0     17.2     5.1
## 6408   2009-12-25        Cobar   19.4    24.7    17.2     14.2     0.0
## 6409   2009-12-26        Cobar   20.3    25.4     7.2     12.4     3.4
## 6410   2009-12-27        Cobar   18.6    29.7     6.6      3.8     5.2
## 6411   2009-12-28        Cobar   21.9    32.2     0.0      3.4     8.1
## 6412   2009-12-29        Cobar   21.9    33.6     0.0      7.8    12.9
## 6413   2009-12-30        Cobar   22.3    32.3     0.0     12.2    11.2
## 6414   2009-12-31        Cobar   21.5    27.2     0.0     10.6     0.5
## 6415   2010-01-01        Cobar   19.3    26.4     1.6      4.0     2.2
## 6416   2010-01-02        Cobar   21.0    33.4     3.0      2.2     9.5
## 6417   2010-01-03        Cobar   18.1    29.8     0.0     11.4    12.7
## 6418   2010-01-04        Cobar   16.6    35.0     0.0     11.0    13.1
## 6419   2010-01-05        Cobar   22.9    34.7     0.0     10.0     7.4
## 6420   2010-01-06        Cobar   19.5    33.7     6.4      6.0     9.8
## 6421   2010-01-07        Cobar   22.7    35.7     0.0      8.8    11.0
## 6422   2010-01-08        Cobar   21.9    36.4     0.0     10.8    13.6
## 6423   2010-01-09        Cobar   23.3    37.2     0.0     12.6    11.0
## 6424   2010-01-10        Cobar   23.8    39.7     0.0     10.8    12.5
## 6425   2010-01-11        Cobar   24.8    41.6     0.0     12.6    11.6
## 6426   2010-01-12        Cobar   24.5    42.4     0.0     15.0    12.3
## 6427   2010-01-13        Cobar   25.7    37.1     0.0     16.8    11.4
## 6428   2010-01-14        Cobar   20.5    34.8     0.0     14.2    11.9
## 6429   2010-01-15        Cobar   20.6    39.4     0.0     12.8    10.3
## 6430   2010-01-16        Cobar   24.8    38.2     0.2     10.6    11.1
## 6431   2010-01-17        Cobar   21.2    29.0     0.0     13.0    12.0
## 6432   2010-01-18        Cobar   15.6    24.6     0.0     15.0    12.4
## 6433   2010-01-19        Cobar   11.3    28.8     0.0     11.2    12.9
## 6434   2010-01-20        Cobar   13.8    34.8     0.0     12.8    12.8
## 6435   2010-01-21        Cobar   20.2    40.3     0.0     11.2    13.2
## 6436   2010-01-22        Cobar   23.2    41.3     0.0     14.8    12.7
## 6437   2010-01-23        Cobar   26.2    40.3     0.0     18.2    12.7
## 6438   2010-01-24        Cobar   21.5    38.8     0.0     17.4    12.7
## 6439   2010-01-25        Cobar   22.1    41.2     0.0     14.4    12.6
## 6440   2010-01-26        Cobar   24.2    41.3     0.0     14.6    12.0
## 6441   2010-01-27        Cobar   27.0    41.8     0.0     13.0    11.8
## 6442   2010-01-28        Cobar   22.9    36.2     0.0     15.0     6.4
## 6443   2010-01-29        Cobar   24.0    38.0     0.0      9.4     8.9
## 6444   2010-01-30        Cobar   24.0    37.4     0.0     11.0    12.2
## 6445   2010-01-31        Cobar   24.0    34.1     0.0     15.8     8.0
## 6446   2010-02-01        Cobar   23.8    32.1     0.0     11.6     5.5
## 6447   2010-02-02        Cobar   23.1    33.3     0.0     10.0     4.5
## 6448   2010-02-03        Cobar   22.7    29.9     0.0     13.2     0.8
## 6449   2010-02-04        Cobar   19.2    29.6    36.0      4.6     2.3
## 6450   2010-02-05        Cobar   19.7    26.8     7.2      2.4     2.9
## 6451   2010-02-06        Cobar   19.8    25.3     0.0      4.1     6.4
## 6453   2010-02-08        Cobar   22.7    30.4     0.0      5.0     4.2
## 6454   2010-02-09        Cobar   20.8    32.1     9.6      4.4    12.6
## 6456   2010-02-11        Cobar   23.4    35.7     0.0      8.6    12.6
## 6458   2010-02-13        Cobar   20.1    23.6    22.4      5.6     0.0
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## 6459   2010-02-14      Cobar    21.1   26.5   44.0     1.7    4.0
## 6460   2010-02-15      Cobar    18.0   29.3    0.6     3.0   12.9
## 6461   2010-02-16      Cobar    18.0   30.3    0.0     8.0   12.8
## 6462   2010-02-17      Cobar    19.9   31.7    0.0     7.2   12.8
## 6463   2010-02-18      Cobar    19.3   30.7    0.0     7.8   12.7
## 6464   2010-02-19      Cobar    17.5   30.7    0.0    10.4   12.4
## 6465   2010-02-20      Cobar    20.6   32.5    0.0     7.6   12.2
## 6466   2010-02-21      Cobar    20.9   34.0    0.0     8.0   12.4
## 6467   2010-02-22      Cobar    22.0   35.3    0.0    17.0    8.9
## 6468   2010-02-23      Cobar    22.4   30.9    0.0     7.6   12.6
## 6470   2010-02-25      Cobar    19.3   33.8    0.0     9.4   12.0
## 6471   2010-02-26      Cobar    20.6   32.3    0.0    10.8   10.4
## 6472   2010-02-27      Cobar    18.7   32.5    0.0     9.6   12.1
## 6473   2010-02-28      Cobar    21.6   31.6    0.0     7.4    0.1
## 6474   2010-03-01      Cobar    19.4   27.4    0.0     4.4    1.1
## 6475   2010-03-02      Cobar    17.9   26.8    0.0     6.6    8.5
## 6476   2010-03-03      Cobar    15.8   30.4    0.0     8.0    6.3
## 6477   2010-03-04      Cobar    18.4   22.5    2.6     7.0    1.8
## 6478   2010-03-05      Cobar    18.0   27.9   12.8     0.6    3.7
## 6479   2010-03-06      Cobar    20.7   30.5    2.4     2.0    7.9
## 6480   2010-03-07      Cobar    19.1   29.4    0.6     4.8    5.1
## 6481   2010-03-08      Cobar    15.1   26.7    0.0     4.2   11.8
## 6482   2010-03-09      Cobar    14.0   26.6    0.0     7.0   10.3
## 6483   2010-03-10      Cobar    12.8   23.2    0.0     7.6   11.6
## 6484   2010-03-11      Cobar    11.0   27.7    0.0     7.4   10.4
## 6485   2010-03-12      Cobar    16.1   28.0    0.0     6.4    9.9
## 6486   2010-03-13      Cobar    16.3   28.0    0.0     7.6   10.0
## 6487   2010-03-14      Cobar    15.8   28.5    0.0     7.6    5.8
## 6488   2010-03-15      Cobar    17.3   29.6    0.0     5.4    5.7
## 6489   2010-03-16      Cobar    16.5   30.9    0.0     5.8   10.7
## 6490   2010-03-17      Cobar    17.7   30.9    0.0     7.2   11.4
## 6491   2010-03-18      Cobar    16.8   33.2    0.0     7.6   11.4
## 6492   2010-03-19      Cobar    18.8   32.6    0.0     8.4   11.3
## 6493   2010-03-20      Cobar    18.8   34.0    0.0     7.2   11.3
## 6494   2010-03-21      Cobar    18.9   34.2    0.0     8.0   10.3
## 6495   2010-03-22      Cobar    18.5   30.3    0.0     8.6   11.4
## 6496   2010-03-23      Cobar    12.8   30.3    0.0     8.4   11.3
## 6497   2010-03-24      Cobar    13.1   32.0    0.0     8.4   11.4
## 6498   2010-03-25      Cobar    16.4   34.2    0.0     7.8   11.4
## 6499   2010-03-26      Cobar    16.3   34.8    0.0     7.2   11.2
## 6500   2010-03-27      Cobar    17.7   34.4    0.0     8.0    7.9
## 6502   2010-03-29      Cobar    23.3   32.4    0.0     8.4    2.0
## 6503   2010-03-30      Cobar    18.8   25.8    8.4     5.4    5.1
## 6504   2010-03-31      Cobar    16.7   27.7    2.6     2.4    9.1
## 6505   2010-04-01      Cobar    16.1   28.6    0.0     2.8   10.8
## 6506   2010-04-02      Cobar    12.2   29.0    0.0     5.2   11.3
## 6507   2010-04-03      Cobar    14.1   29.6    0.0     5.8    6.4
## 6508   2010-04-04      Cobar    16.7   28.6    0.0     7.2    9.3
## 6509   2010-04-05      Cobar    15.0   28.5    0.0     8.4    9.4
## 6510   2010-04-06      Cobar    17.1   20.9   12.4     8.0    0.4
## 6511   2010-04-07      Cobar    17.7   28.1   10.2     0.2    4.5
## 6512   2010-04-08      Cobar    17.5   25.5    6.4     2.2    6.0
## 6513   2010-04-09      Cobar    14.6   23.5    0.0     4.4    2.5
## 6514   2010-04-10      Cobar    17.1   26.2    0.6     2.0    8.4
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## 6515   2010-04-11        Cobar    15.3    24.1    0.0      3.6     8.5
## 6518   2010-04-14        Cobar     7.9    22.9    0.0      3.8     9.2
## 6519   2010-04-15        Cobar     9.2    24.6    0.0      3.6    10.6
## 6520   2010-04-16        Cobar    11.8    27.6    0.0      4.4    10.0
## 6521   2010-04-17        Cobar    14.7    27.4    0.0      5.8    11.3
## 6522   2010-04-18        Cobar    15.6    27.8    0.0      5.2     9.5
## 6523   2010-04-19        Cobar    16.3    28.7    0.0      5.2    10.6
## 6524   2010-04-20        Cobar    14.8    27.9    0.0      5.0     9.3
## 6525   2010-04-21        Cobar    15.3    28.6    0.0      4.2     8.5
## 6526   2010-04-22        Cobar    16.2    30.2    0.0      5.4     9.5
## 6527   2010-04-23        Cobar    17.1    29.9    0.0      4.6    10.7
## 6528   2010-04-24        Cobar    18.0    30.3    0.0      5.8     1.5
## 6529   2010-04-25        Cobar    14.1    20.1    8.4      4.6     8.3
## 6530   2010-04-26        Cobar     7.6    20.8    0.0      4.0     9.3
## 6531   2010-04-27        Cobar     9.6    20.5    0.0      2.8     3.9
## 6533   2010-04-29        Cobar     8.8    22.0    0.0      3.6    10.3
## 6534   2010-04-30        Cobar     9.0    21.1    0.0      3.6     9.9
## 6535   2010-05-01        Cobar     8.4    24.5    0.0      3.4    10.6
## 6536   2010-05-02        Cobar    10.9    25.6    0.0      3.6    10.5
## 6537   2010-05-03        Cobar    11.6    27.9    0.0      4.0     9.8
## 6538   2010-05-04        Cobar    14.8    28.7    0.0      5.2     9.7
## 6539   2010-05-05        Cobar     9.8    17.8    2.8      6.0    10.1
## 6541   2010-05-07        Cobar     8.1    20.1    0.0      3.0    10.5
## 6542   2010-05-08        Cobar     6.6    22.4    0.0      3.6    10.6
## 6543   2010-05-09        Cobar     8.8    23.9    0.0      3.2    10.5
## 6544   2010-05-10        Cobar     8.6    25.5    0.0      3.2    10.4
## 6545   2010-05-11        Cobar    12.1    20.9    0.0      4.8    10.4
## 6547   2010-05-13        Cobar     3.0    17.7    0.0      3.0    10.5
## 6548   2010-05-14        Cobar     4.1    19.8    0.0      2.8    10.3
## 6551   2010-05-17        Cobar    12.5    21.6    0.0      2.4     3.3
## 6552   2010-05-18        Cobar     6.5    21.0    0.0      2.2     8.8
## 6553   2010-05-19        Cobar     7.2    21.0    0.0      2.4     8.0
## 6554   2010-05-20        Cobar    10.0    19.7    0.0      3.6     1.8
## 6555   2010-05-21        Cobar     7.9    20.1    0.0      1.6     6.5
## 6556   2010-05-22        Cobar     6.3    18.9    0.0      3.6    10.0
## 6557   2010-05-23        Cobar     6.7    20.6    0.0      2.8     5.9
## 6558   2010-05-24        Cobar    12.4    16.7    0.4      3.8     0.1
## 6559   2010-05-25        Cobar    12.2    20.4    9.2      0.4     2.6
## 6560   2010-05-26        Cobar    10.7    18.0    4.8      1.0     3.8
## 6561   2010-05-27        Cobar    10.3    20.7    0.2      1.0     7.8
## 6562   2010-05-28        Cobar    12.1    18.6    0.0      2.4     1.5
## 6563   2010-05-29        Cobar    11.7    15.3    3.6      2.6     1.4
## 6565   2010-05-31        Cobar    11.0    15.1    4.0      0.6     0.2
## 6566   2010-06-01        Cobar     8.3    18.7    0.2      0.4     4.3
## 6567   2010-06-02        Cobar    11.7    16.1    1.8      0.6     0.5
## 6568   2010-06-03        Cobar     8.9    19.1    0.0      1.4     4.5
## 6569   2010-06-04        Cobar     7.3    19.2    0.0      1.8     8.1
## 6570   2010-06-05        Cobar     6.9    16.5    0.0      2.0     9.3
## 6571   2010-06-06        Cobar     7.2    13.8    0.0      2.4     8.2
## 6572   2010-06-07        Cobar     2.9    13.6    0.0      2.2     3.6
## 6573   2010-06-08        Cobar     2.0    15.8    0.0      0.8     8.0
## 6574   2010-06-09        Cobar     2.0    13.7    0.0      1.8     5.7
## 6575   2010-06-10        Cobar     5.2    13.1    0.0      2.0     8.8
## 6577   2010-06-12        Cobar     6.5    14.4    0.0      0.8     7.6
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## 6578   2010-06-13        Cobar    2.3   14.7    0.0      2.0     8.8
## 6579   2010-06-14        Cobar    3.6   19.1    0.0      2.6     9.6
## 6580   2010-06-15        Cobar    6.5   20.4    0.0      1.4     7.8
## 6581   2010-06-16        Cobar    8.3   19.4    0.0      2.6     3.2
## 6582   2010-06-17        Cobar   11.2   19.3    5.6      3.2     4.2
## 6584   2010-06-19        Cobar    4.0   17.4    0.0      1.8     8.0
## 6585   2010-06-20        Cobar    9.5   17.0    0.0      1.8     0.2
## 6586   2010-06-21        Cobar   10.0   18.0    0.0      0.6     4.4
## 6587   2010-06-22        Cobar    6.1   18.3    0.0      1.8     6.1
## 6588   2010-06-23        Cobar    9.5   18.7    0.0      2.2     5.8
## 6589   2010-06-24        Cobar    9.2   20.6    0.0      2.0     9.4
## 6590   2010-06-25        Cobar   10.0   22.0    0.0      3.0     7.7
## 6591   2010-06-26        Cobar    9.9   13.6    8.6      2.8     7.0
## 6593   2010-06-28        Cobar    1.0   11.6    0.0      1.4     8.2
## 6594   2010-06-29        Cobar    0.0   12.7    0.0      1.4    10.6
## 6595   2010-06-30        Cobar    1.6   16.2    0.0      1.6     8.5
## 6596   2010-07-01        Cobar    3.9   16.9    0.0      1.8     6.6
## 6597   2010-07-02        Cobar    7.4    9.4    1.0      2.2     0.2
## 6598   2010-07-03        Cobar    2.0   11.9    6.6      0.2     5.5
## 6599   2010-07-04        Cobar    1.0   13.8    0.0      1.0     7.7
## 6600   2010-07-05        Cobar    2.8   15.3    0.0      1.6     3.7
## 6601   2010-07-06        Cobar    4.4   11.3    0.0      1.6     5.4
## 6602   2010-07-07        Cobar    2.9   13.4    0.0      1.0     3.3
## 6603   2010-07-08        Cobar    3.9   17.0    0.0      1.2     8.7
## 6604   2010-07-09        Cobar    5.5   17.8    0.0      2.2     8.8
## 6605   2010-07-10        Cobar    8.5   20.0    0.0      2.4     3.2
## 6606   2010-07-11        Cobar   12.0   18.4    0.2      3.2     2.7
## 6607   2010-07-12        Cobar    7.4   19.8    0.0      1.0     7.6
## 6608   2010-07-13        Cobar   11.7   17.4    0.6      2.0     0.0
## 6609   2010-07-14        Cobar    7.4   14.9   27.8      1.0     8.5
## 6610   2010-07-15        Cobar    7.9   14.6    0.0      2.0     6.4
## 6611   2010-07-16        Cobar    2.9   13.8    0.0      3.2     8.7
## 6612   2010-07-17        Cobar    2.2   16.4    0.0      1.6     9.7
## 6613   2010-07-18        Cobar    4.2   17.5    0.0      1.4    10.1
## 6614   2010-07-19        Cobar    6.3   15.7    0.0      1.4     3.6
## 6615   2010-07-20        Cobar    2.1   12.8    0.0      2.0     8.3
## 6616   2010-07-21        Cobar    2.4   13.2    0.0      2.2     7.2
## 6617   2010-07-22        Cobar    1.3   14.5    0.0      1.2     8.9
## 6618   2010-07-23        Cobar    0.9   15.9    0.0      2.2     9.1
## 6619   2010-07-24        Cobar    5.2   16.7    0.0      2.6     3.9
## 9059   2009-01-01  CoffsHarbour   16.1   31.4    0.0      7.4    11.4
## 9060   2009-01-02  CoffsHarbour   22.8   24.7    0.0      8.0     0.2
## 9061   2009-01-03  CoffsHarbour   20.0   24.1    4.6      3.4     0.2
## 9062   2009-01-04  CoffsHarbour   14.8   25.0    0.8      3.0    12.6
## 9063   2009-01-05  CoffsHarbour   15.5   27.3    0.0      6.6    13.1
## 9064   2009-01-06  CoffsHarbour   19.8   30.2    0.0      5.4    13.4
## 9065   2009-01-07  CoffsHarbour   22.7   29.6    0.0      8.0     9.8
## 9066   2009-01-08  CoffsHarbour   22.7   29.2    0.0      6.4     1.9
## 9067   2009-01-09  CoffsHarbour   19.5   21.4    7.8      4.2     0.2
## 9068   2009-01-10  CoffsHarbour   16.9   24.2    3.2      2.6    12.0
## 9069   2009-01-11  CoffsHarbour   13.7   25.5    0.0      6.2    12.2
## 9070   2009-01-12  CoffsHarbour   17.5   27.4    0.0      5.6    12.0
## 9071   2009-01-13  CoffsHarbour   17.7   27.0    0.0      5.6    10.8
## 9072   2009-01-14  CoffsHarbour   16.9   27.4    0.0      6.6    13.2
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## 9073   2009-01-15   CoffsHarbour   19.1   32.2    0.0   7.6   13.2
## 9074   2009-01-16   CoffsHarbour   21.0   27.5    0.0   7.8   10.8
## 9075   2009-01-17   CoffsHarbour   19.0   21.3    6.4   4.8    0.3
## 9076   2009-01-18   CoffsHarbour   14.8   23.1    7.2   1.6    2.8
## 9077   2009-01-19   CoffsHarbour   14.3   25.9    0.0   4.0   11.2
## 9078   2009-01-20   CoffsHarbour   20.2   28.5    0.0   5.4    8.0
## 9079   2009-01-21   CoffsHarbour   22.2   30.8    0.0   6.8    3.6
## 9080   2009-01-22   CoffsHarbour   22.6   28.2    0.2   3.8    0.7
## 9081   2009-01-23   CoffsHarbour   22.2   29.4    0.0   1.6    9.9
## 9082   2009-01-24   CoffsHarbour   23.6   30.6    0.0   6.0   11.4
## 9083   2009-01-25   CoffsHarbour   22.1   25.6    0.0   7.0    0.0
## 9084   2009-01-26   CoffsHarbour   20.1   27.1    6.0   9.2    8.0
## 9085   2009-01-27   CoffsHarbour   20.8   27.7    3.0   4.6   10.6
## 9086   2009-01-28   CoffsHarbour   20.1   28.2    2.0   6.0   11.4
## 9087   2009-01-29   CoffsHarbour   19.8   29.1    0.4   5.2   12.5
## 9088   2009-01-30   CoffsHarbour   18.2   29.0    0.6   6.8    9.7
## 9089   2009-01-31   CoffsHarbour   20.7   28.7    0.0   5.8   10.4
## 9090   2009-02-01   CoffsHarbour   20.0   29.6    0.0   7.0   12.2
## 9091   2009-02-02   CoffsHarbour   21.6   28.3    2.4   6.8    9.0
## 9092   2009-02-03   CoffsHarbour   19.3   28.0    0.2   5.2    3.6
## 9093   2009-02-04   CoffsHarbour   21.2   29.2    1.0   3.6   10.3
## 9094   2009-02-05   CoffsHarbour   20.1   29.1    0.6   5.6   10.9
## 9095   2009-02-06   CoffsHarbour   19.1   29.4    0.0   6.4   12.6
## 9096   2009-02-07   CoffsHarbour   19.1   29.9    0.0   7.2   12.5
## 9097   2009-02-08   CoffsHarbour   17.4   29.2    0.0   7.2   12.2
## 9098   2009-02-09   CoffsHarbour   16.4   28.1    0.0   7.8   12.4
## 9099   2009-02-10   CoffsHarbour   21.0   30.0    0.0   4.2    6.6
## 9100   2009-02-11   CoffsHarbour   21.6   27.6    0.0   6.0    3.3
## 9102   2009-02-13   CoffsHarbour   18.8   23.7   16.6   5.8    0.4
## 9103   2009-02-14   CoffsHarbour   18.6   22.5   30.0   3.2    0.0
## 9104   2009-02-15   CoffsHarbour   18.3   24.8   38.6   3.4    6.2
## 9108   2009-02-19   CoffsHarbour   18.9   26.1    1.6   2.0    8.6
## 9109   2009-02-20   CoffsHarbour   19.5   27.6    4.0   3.4    6.8
## 9110   2009-02-21   CoffsHarbour   19.0   27.8    0.6   3.4   11.1
## 9111   2009-02-22   CoffsHarbour   18.6   26.8   15.8   5.6   12.0
## 9113   2009-02-24   CoffsHarbour   19.4   29.1    0.0   6.4   10.9
## 9114   2009-02-25   CoffsHarbour   21.3   28.7    0.0   7.2    6.8
## 9115   2009-02-26   CoffsHarbour   18.8   26.1    2.4   4.8    4.5
## 9116   2009-02-27   CoffsHarbour   18.4   26.1    2.4   6.2   11.2
## 9117   2009-02-28   CoffsHarbour   15.1   27.3    0.0   4.6   11.5
## 9118   2009-03-01   CoffsHarbour   18.9   27.9    0.0   4.8   10.4
## 9119   2009-03-02   CoffsHarbour   21.4   26.5    0.0   5.8    2.2
## 9120   2009-03-03   CoffsHarbour   20.7   27.3   36.6   5.8    5.2
## 9121   2009-03-04   CoffsHarbour   21.1   30.4    0.6   1.8    5.0
## 9122   2009-03-05   CoffsHarbour   16.8   24.1   10.2   6.4   11.3
## 9123   2009-03-06   CoffsHarbour   13.8   26.0    0.0   4.6   10.2
## 9124   2009-03-07   CoffsHarbour   17.8   27.9    0.0   4.0   11.4
## 9125   2009-03-08   CoffsHarbour   19.6   27.5    0.0   5.4    9.3
## 9126   2009-03-09   CoffsHarbour   19.1   25.7    0.2   5.0    5.8
## 9127   2009-03-10   CoffsHarbour   19.8   27.1   24.4   8.6    9.0
## 9128   2009-03-11   CoffsHarbour   18.7   25.6    6.8   3.8    3.4
## 9129   2009-03-12   CoffsHarbour   16.5   25.5   16.8   2.8    6.1
## 9130   2009-03-13   CoffsHarbour   18.5   26.9    0.0   3.2   11.0
## 9131   2009-03-14   CoffsHarbour   18.2   28.2    0.0   6.8    9.0
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## 9132   2009-03-15   CoffsHarbour   20.1   29.4    3.2   3.8    7.1
## 9133   2009-03-16   CoffsHarbour   19.5   24.9    0.8   4.2    2.8
## 9134   2009-03-17   CoffsHarbour   16.4   25.2    1.4   1.6    6.7
## 9135   2009-03-18   CoffsHarbour   19.7   25.9    0.0   4.4    6.4
## 9136   2009-03-19   CoffsHarbour   17.7   26.7    0.0   4.0    6.0
## 9137   2009-03-20   CoffsHarbour   16.3   26.8    0.0   2.2    9.4
## 9138   2009-03-21   CoffsHarbour   17.9   26.4    0.0   4.2    6.3
## 9139   2009-03-22   CoffsHarbour   17.0   25.9    0.4   3.2    9.0
## 9140   2009-03-23   CoffsHarbour   16.1   25.8    2.4   3.8   11.1
## 9141   2009-03-24   CoffsHarbour   15.5   26.6    0.0   3.4   11.1
## 9142   2009-03-25   CoffsHarbour   14.7   26.8    0.0   6.4   11.2
## 9143   2009-03-26   CoffsHarbour   15.2   26.7    0.0   3.8   11.4
## 9144   2009-03-27   CoffsHarbour   16.6   26.8    0.0   4.6    6.4
## 9145   2009-03-28   CoffsHarbour   17.7   25.3   12.0   6.4    9.7
## 9146   2009-03-29   CoffsHarbour   17.5   25.1    0.2   3.6    7.9
## 9147   2009-03-30   CoffsHarbour   18.9   22.9   11.4   4.8    0.3
## 9150   2009-04-02   CoffsHarbour   20.9   25.6   10.4   3.0    3.5
## 9151   2009-04-03   CoffsHarbour   19.9   25.3    7.4   3.4    3.4
## 9152   2009-04-04   CoffsHarbour   19.7   25.0   15.6   1.2    1.9
## 9153   2009-04-05   CoffsHarbour   19.4   23.3   17.4   3.2    1.1
## 9154   2009-04-06   CoffsHarbour   17.5   25.0    9.4   1.2    7.8
## 9155   2009-04-07   CoffsHarbour   17.9   23.6   38.0   4.4    3.4
## 9156   2009-04-08   CoffsHarbour   17.0   23.4   15.6   4.2    8.8
## 9157   2009-04-09   CoffsHarbour   16.1   22.3    9.2   3.0    1.8
## 9158   2009-04-10   CoffsHarbour   14.8   25.1    2.0   1.4    6.6
## 9159   2009-04-11   CoffsHarbour   16.1   24.8    0.0   3.2    3.1
## 9160   2009-04-12   CoffsHarbour   18.4   24.2    4.0   2.6    1.1
## 9161   2009-04-13   CoffsHarbour   18.7   21.3    9.2   1.4    0.0
## 9163   2009-04-15   CoffsHarbour   16.9   26.5    7.0   2.0   10.4
## 9164   2009-04-16   CoffsHarbour   13.3   25.6    0.0   3.4   10.5
## 9165   2009-04-17   CoffsHarbour   13.5   24.5    0.0   3.6    9.9
## 9166   2009-04-18   CoffsHarbour   13.8   24.0    0.2   4.2    9.0
## 9167   2009-04-19   CoffsHarbour   15.9   23.9    1.2   4.2    9.5
## 9168   2009-04-20   CoffsHarbour   16.5   21.4    3.4   4.0    0.5
## 9169   2009-04-21   CoffsHarbour   15.1   21.8   59.0   8.4    1.0
## 9170   2009-04-22   CoffsHarbour   16.3   21.7   11.2   2.4    4.3
## 9171   2009-04-23   CoffsHarbour   16.4   22.6   29.8   4.6    9.2
## 9172   2009-04-24   CoffsHarbour   11.5   24.8    0.0   2.2    9.5
## 9173   2009-04-25   CoffsHarbour   18.5   28.6    0.0   2.4    9.8
## 9174   2009-04-26   CoffsHarbour   13.0   27.8    0.0   3.8   10.5
## 9175   2009-04-27   CoffsHarbour   10.8   19.9    0.0   3.8   10.5
## 9176   2009-04-28   CoffsHarbour    8.8   24.2    0.0   2.8   10.4
## 9177   2009-04-29   CoffsHarbour   10.5   19.6    0.0   3.2    3.1
## 9178   2009-04-30   CoffsHarbour   10.0   21.2    0.0   0.6   10.4
## 9179   2009-05-01   CoffsHarbour   13.2   22.0    0.0   3.8    4.8
## 9180   2009-05-02   CoffsHarbour   12.2   23.7    0.0   6.4    6.4
## 9181   2009-05-03   CoffsHarbour   13.2   22.3    0.0   4.8    8.8
## 9182   2009-05-04   CoffsHarbour   14.8   21.9    4.0   3.8    8.9
## 9183   2009-05-05   CoffsHarbour   12.9   22.5    1.4   1.6    4.5
## 9184   2009-05-06   CoffsHarbour   15.1   20.3   20.2   5.4    2.6
## 9185   2009-05-07   CoffsHarbour   11.6   22.3    1.2   1.8   10.0
## 9186   2009-05-08   CoffsHarbour   11.1   22.2    0.0   2.0    9.8
## 9187   2009-05-09   CoffsHarbour   11.5   21.9    0.4   3.2   10.2
## 9188   2009-05-10   CoffsHarbour   11.2   22.5    0.0   3.2    9.1
```

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## 9189  2009-05-11  CoffsHarbour  13.9  20.8   4.2  1.0   9.4
## 9192  2009-05-14  CoffsHarbour   7.1  22.3   0.0  1.4  10.2
## 9193  2009-05-15  CoffsHarbour   5.9  23.2   0.0  2.2  10.0
## 9194  2009-05-16  CoffsHarbour   7.5  22.6   0.0  2.6   9.9
## 9195  2009-05-17  CoffsHarbour   9.5  20.8   0.0  2.2   9.2
## 9196  2009-05-18  CoffsHarbour  11.7  19.8   0.2  2.2   2.2
## 9197  2009-05-19  CoffsHarbour  15.4  19.9   4.6  7.0   0.4
## 9198  2009-05-20  CoffsHarbour  16.4  20.5   1.6  2.0   0.0
## 9199  2009-05-21  CoffsHarbour  15.4  19.5  42.8  4.0   0.0
## 9201  2009-05-23  CoffsHarbour  17.1  20.5  19.6  4.8   0.0
## 9202  2009-05-24  CoffsHarbour  17.5  21.5   3.6  2.6   0.7
## 9203  2009-05-25  CoffsHarbour  13.8  19.5   2.8  2.8   0.2
## 9204  2009-05-26  CoffsHarbour  12.5  20.1   0.4  1.2   2.7
## 9205  2009-05-27  CoffsHarbour  10.7  21.1   0.0  1.2   8.9
## 9206  2009-05-28  CoffsHarbour  11.9  20.9   0.0  1.4   9.4
## 9207  2009-05-29  CoffsHarbour  13.8  19.8   1.4  2.0   7.1
## 9208  2009-05-30  CoffsHarbour  12.7  20.0   0.0  2.4   8.5
## 9209  2009-05-31  CoffsHarbour  13.2  18.6   3.4  3.4   2.8
## 9210  2009-06-01  CoffsHarbour  10.7  19.0   0.4  1.4   3.6
## 9211  2009-06-02  CoffsHarbour  12.3  18.6  11.2  2.6   2.5
## 9212  2009-06-03  CoffsHarbour  13.5  20.1   7.4  1.0   6.9
## 9214  2009-06-05  CoffsHarbour  10.5  21.5   0.6  0.8   8.2
## 9215  2009-06-06  CoffsHarbour   8.5  19.2   0.0  1.8   9.1
## 9222  2009-06-13  CoffsHarbour   7.0  21.3   0.0  1.8   9.0
## 9223  2009-06-14  CoffsHarbour   3.6  19.0   0.0  1.6   7.9
## 9224  2009-06-15  CoffsHarbour   8.8  20.7   0.0  1.2   5.1
## 9225  2009-06-16  CoffsHarbour   7.7  19.5  10.6  2.8   9.4
## 9226  2009-06-17  CoffsHarbour   9.2  18.2   0.0  1.8   5.8
## 9227  2009-06-18  CoffsHarbour  12.4  16.0  12.2  2.8   0.0
## 9228  2009-06-19  CoffsHarbour  13.2  17.0  55.8  0.2   0.0
## 9230  2009-06-21  CoffsHarbour  14.7  19.6  12.0  0.8   0.0
## 9232  2009-06-23  CoffsHarbour  12.5  19.1  13.6  2.6   7.7
## 9233  2009-06-24  CoffsHarbour   7.7  21.4   0.2  1.2   8.3
## 9234  2009-06-25  CoffsHarbour  10.0  15.1   0.0  1.6   1.1
## 9235  2009-06-26  CoffsHarbour  10.8  19.4   0.8  0.6   2.9
## 9236  2009-06-27  CoffsHarbour  10.8  18.0   0.0  1.2   2.8
## 9237  2009-06-28  CoffsHarbour   8.6  19.5   0.0  1.0   8.4
## 9238  2009-06-29  CoffsHarbour   5.8  19.6   0.0  1.0   9.5
## 9240  2009-07-01  CoffsHarbour  10.5  23.9   0.0  1.6   9.1
## 9241  2009-07-02  CoffsHarbour   8.9  18.9   0.0  2.4   4.2
## 9242  2009-07-03  CoffsHarbour   6.5  19.3   0.0  2.0   9.3
## 9243  2009-07-04  CoffsHarbour   4.5  18.4   0.0  3.2   9.5
## 9244  2009-07-05  CoffsHarbour   3.9  18.8   0.0  1.8   6.9
## 9245  2009-07-06  CoffsHarbour   3.7  18.8   0.0  2.2   6.8
## 9246  2009-07-07  CoffsHarbour   9.1  17.3   0.0  1.4   4.7
## 9247  2009-07-08  CoffsHarbour  10.7  17.6   3.0  2.6   4.1
## 9248  2009-07-09  CoffsHarbour  10.7  16.1  15.2  3.8   5.1
## 9249  2009-07-10  CoffsHarbour  10.9  17.5  13.6  3.8   5.3
## 9250  2009-07-11  CoffsHarbour  12.0  18.2   9.0  3.8   7.1
## 9251  2009-07-12  CoffsHarbour   6.4  20.2   0.0  1.0   9.7
## 9252  2009-07-13  CoffsHarbour  10.3  23.7   0.0  1.6   9.7
## 9253  2009-07-14  CoffsHarbour  10.1  17.5   0.0  2.2   9.1
## 9254  2009-07-15  CoffsHarbour   5.1  17.9   0.0  2.4   4.5
## 9256  2009-07-17  CoffsHarbour   7.5  18.2   0.0  1.2   9.0
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## 9257   2009-07-18   CoffsHarbour      5.3   17.8   0.0      2.4      9.1
## 9258   2009-07-19   CoffsHarbour      6.3   18.7   0.0      1.8      9.7
## 9259   2009-07-20   CoffsHarbour      5.0   21.8   0.0      1.8      9.8
## 9260   2009-07-21   CoffsHarbour      8.4   23.0   0.0      2.2      8.8
## 9261   2009-07-22   CoffsHarbour     15.3   23.6   0.0      3.0      5.8
## 9262   2009-07-23   CoffsHarbour     12.5   21.1   0.0      2.2      9.6
## 9263   2009-07-24   CoffsHarbour      8.1   18.0   0.0      3.4      8.4
## 9264   2009-07-25   CoffsHarbour      7.9   18.3   1.4      2.4      7.3
## 9265   2009-07-26   CoffsHarbour      8.4   18.9   0.0      1.8      2.4
## 9266   2009-07-27   CoffsHarbour     10.8   20.1   0.0      1.0     10.0
## 9267   2009-07-28   CoffsHarbour      3.8   17.8   0.0      3.0     10.6
## 9268   2009-07-29   CoffsHarbour      3.6   17.7   0.0      2.8      9.9
## 9269   2009-07-30   CoffsHarbour      6.3   20.0   0.0      1.2      9.1
## 9270   2009-07-31   CoffsHarbour      4.5   19.7   0.0      3.2     10.0
## 9272   2009-08-02   CoffsHarbour      4.6   18.1   0.0      2.0     10.2
## 9273   2009-08-03   CoffsHarbour      5.7   20.2   0.0      2.0     10.0
## 9274   2009-08-04   CoffsHarbour      7.4   20.1   0.0      1.8      9.7
## 9275   2009-08-05   CoffsHarbour      7.0   18.7   0.0      2.6      7.9
## 9276   2009-08-06   CoffsHarbour      4.8   19.0   0.0      2.8     10.0
## 9277   2009-08-07   CoffsHarbour      9.4   23.0   0.0      2.4     10.3
## 9278   2009-08-08   CoffsHarbour     11.0   18.1   0.0      3.2     10.4
## 9279   2009-08-09   CoffsHarbour      3.1   18.1   0.0      3.0      9.7
## 9281   2009-08-11   CoffsHarbour     12.6   22.3   0.0      2.8      7.9
## 9282   2009-08-12   CoffsHarbour     13.7   24.5   0.0      3.6      2.7
## 9283   2009-08-13   CoffsHarbour      8.3   21.2   0.0      2.6     10.2
## 9284   2009-08-14   CoffsHarbour      6.8   20.4   0.0      2.8     10.2
## 9285   2009-08-15   CoffsHarbour      7.1   21.9   0.0      2.8     10.4
## 9286   2009-08-16   CoffsHarbour      6.1   23.9   0.0      2.6     10.1
## 9287   2009-08-17   CoffsHarbour     11.9   29.2   0.0      2.6      2.3
## 9288   2009-08-18   CoffsHarbour      9.4   19.5   0.0      2.6     10.7
## 9289   2009-08-19   CoffsHarbour      6.6   19.3   0.0      2.8     10.5
## 9290   2009-08-20   CoffsHarbour      9.1   23.3   0.0      2.6      8.4
## 9291   2009-08-21   CoffsHarbour     10.7   26.0   0.0      2.4      9.7
## 9292   2009-08-22   CoffsHarbour     16.2   24.1   0.0      3.4      2.8
## 9293   2009-08-23   CoffsHarbour     14.3   27.9   0.2      1.8      6.8
## 9294   2009-08-24   CoffsHarbour     16.3   34.0   0.0      3.0     10.5
## 9295   2009-08-25   CoffsHarbour     14.3   31.1   0.0      5.2     10.6
## 9296   2009-08-26   CoffsHarbour      6.9   22.4   0.0      4.4     10.6
## 9297   2009-08-27   CoffsHarbour      5.0   23.4   0.0      3.8     10.6
## 9298   2009-08-28   CoffsHarbour      8.4   24.0   0.0      3.0      8.6
## 9299   2009-08-29   CoffsHarbour     12.7   26.2   0.6      2.8      6.3
## 9300   2009-08-30   CoffsHarbour     19.3   25.1   0.0      4.2      4.1
## 9301   2009-08-31   CoffsHarbour     12.6   18.8   0.2      2.2      7.3
## 9302   2009-09-01   CoffsHarbour      4.7   20.4   0.0      3.2     10.7
## 9303   2009-09-02   CoffsHarbour      7.8   21.8   0.0      3.0     10.2
## 9304   2009-09-03   CoffsHarbour     12.2   23.1   0.0      3.4      9.0
## 9305   2009-09-04   CoffsHarbour     15.8   23.6   0.6      4.4      2.3
## 9306   2009-09-05   CoffsHarbour     14.8   21.2   1.6      2.8      9.2
## 9307   2009-09-06   CoffsHarbour      9.4   21.2   0.0      4.0     10.6
## 9308   2009-09-07   CoffsHarbour     12.3   24.3   0.0      3.8      5.2
## 9309   2009-09-08   CoffsHarbour      8.8   21.8   1.8      2.2     10.4
## 9310   2009-09-09   CoffsHarbour      6.6   20.1   0.0      3.4     11.0
## 9311   2009-09-10   CoffsHarbour      5.4   21.1   0.0      3.8     10.7
## 9312   2009-09-11   CoffsHarbour      5.2   21.2   0.0      3.8     10.9
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## 9313   2009-09-12   CoffsHarbour    7.9    24.1     0.0        4.0      11.1
## 9314   2009-09-13   CoffsHarbour    9.1    25.6     0.0        4.2      11.1
## 9315   2009-09-14   CoffsHarbour    8.5    26.2     0.0        4.6      10.7
## 9316   2009-09-15   CoffsHarbour   11.4    23.6     0.0        4.0      10.2
## 9317   2009-09-16   CoffsHarbour   13.7    24.6     0.0        4.2      10.8
## 9318   2009-09-17   CoffsHarbour   17.2    28.3     0.0        5.0      10.7
## 9319   2009-09-18   CoffsHarbour   16.2    26.2     0.0        6.0       9.0
## 9320   2009-09-19   CoffsHarbour   14.1    24.4     0.0        4.4       8.0
## 9321   2009-09-20   CoffsHarbour   12.8    25.9     0.0        5.0      11.2
## 9323   2009-09-22   CoffsHarbour   18.1    25.0     3.0        3.0       1.9
## 9324   2009-09-23   CoffsHarbour   17.8    24.5     2.0        1.8       1.5
## 9325   2009-09-24   CoffsHarbour    8.4    22.9     0.0        5.0      11.4
## 9326   2009-09-25   CoffsHarbour    7.2    25.6     0.0        5.0      11.2
## 9327   2009-09-26   CoffsHarbour   14.4    31.5     0.0        6.4       8.7
## 9328   2009-09-27   CoffsHarbour    7.6    22.6     0.0        7.6      11.3
## 9329   2009-09-28   CoffsHarbour    4.2    24.4     0.0        7.0      11.5
## 9330   2009-09-29   CoffsHarbour    7.9    22.3     0.0        6.0      11.2
## 9331   2009-09-30   CoffsHarbour   10.1    24.7     0.0        4.4      11.1
## 9332   2009-10-01   CoffsHarbour   12.6    31.2     0.0        5.0      10.9
## 9333   2009-10-02   CoffsHarbour   16.0    34.5     0.0        5.8      10.5
## 9334   2009-10-03   CoffsHarbour   18.2    31.1     1.4        5.8      10.3
## 9335   2009-10-04   CoffsHarbour   14.7    17.6     3.6        6.8       0.0
## 9337   2009-10-06   CoffsHarbour   10.2    21.1     1.4        1.8      11.2
## 9338   2009-10-07   CoffsHarbour   13.0    28.9     0.0        4.4      11.4
## 9339   2009-10-08   CoffsHarbour    8.1    22.8     0.0        6.0      11.9
## 9340   2009-10-09   CoffsHarbour   13.2    21.4     0.0        8.4      11.0
## 9341   2009-10-10   CoffsHarbour   12.6    20.6     0.0        7.0       9.4
## 9344   2009-10-13   CoffsHarbour   17.7    33.5     0.0        5.0      11.1
## 9345   2009-10-14   CoffsHarbour   13.3    28.5     0.0        8.0      10.4
## 9346   2009-10-15   CoffsHarbour    8.4    24.2     0.0        7.0      12.1
## 9350   2009-10-19   CoffsHarbour   12.0    22.6    10.0        6.0      11.9
## 9351   2009-10-20   CoffsHarbour   12.6    24.5     0.0        5.0      11.9
## 9354   2009-10-23   CoffsHarbour   15.6    27.9     0.0        4.4       7.0
## 9355   2009-10-24   CoffsHarbour   16.4    25.0     0.0        4.4      10.3
## 9356   2009-10-25   CoffsHarbour   15.6    26.0     0.0        5.0       9.3
## 9357   2009-10-26   CoffsHarbour   17.3    20.8     2.8        4.4       0.6
## 9361   2009-10-30   CoffsHarbour   17.5    24.2     0.0        3.8      10.3
## 9362   2009-10-31   CoffsHarbour   14.7    24.0     0.0        4.8      10.9
## 9363   2009-11-01   CoffsHarbour   14.9    24.1     0.0        5.6      11.7
## 9364   2009-11-02   CoffsHarbour   14.9    25.2     0.0        5.6      12.7
## 9365   2009-11-03   CoffsHarbour   15.9    29.9     0.0        6.0      12.5
## 9367   2009-11-05   CoffsHarbour   19.4    23.8     0.4        5.2       1.5
## 9374   2009-11-12   CoffsHarbour   14.6    24.9     0.0        6.0      13.0
## 9375   2009-11-13   CoffsHarbour   17.1    25.5     0.0        6.6       3.0
## 9376   2009-11-14   CoffsHarbour   17.7    23.9    17.0        6.0       9.9
## 9377   2009-11-15   CoffsHarbour   16.9    26.6     0.0        4.0      10.4
## 9378   2009-11-16   CoffsHarbour   17.2    30.3     0.0        6.0      12.4
## 9379   2009-11-17   CoffsHarbour   21.0    26.7     0.0        4.6       5.5
## 9380   2009-11-18   CoffsHarbour   18.6    24.4     0.0        6.0       4.7
## 9381   2009-11-19   CoffsHarbour   18.1    26.3     0.0        4.0      12.2
## 9382   2009-11-20   CoffsHarbour   22.1    30.4     0.0        7.0      11.5
## 9383   2009-11-21   CoffsHarbour   20.6    30.0     0.0        5.2      11.6
## 9384   2009-11-22   CoffsHarbour   22.7    29.8     0.0        7.8      10.2
## 9387   2009-11-25   CoffsHarbour   16.4    26.4     0.0        6.4      11.5
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## 9388   2009-11-26  CoffsHarbour    20.5    27.6    0.0     6.2    12.9
## 9389   2009-11-27  CoffsHarbour    21.5    28.3    0.0     7.6    10.7
## 9390   2009-11-28  CoffsHarbour    19.2    29.8    0.0     5.2     9.9
## 9391   2009-11-29  CoffsHarbour    22.3    37.7    9.8     7.6    11.3
## 9392   2009-11-30  CoffsHarbour    16.9    25.9    0.0     8.8    10.3
## 9393   2009-12-01  CoffsHarbour    16.7    23.8    0.4     6.4     9.0
## 9394   2009-12-02  CoffsHarbour    14.0    23.3    5.2     5.2     9.5
## 9395   2009-12-03  CoffsHarbour    14.7    24.9    3.6     5.0    12.1
## 9396   2009-12-04  CoffsHarbour    15.6    30.2    0.0     5.2    13.1
## 9397   2009-12-05  CoffsHarbour    19.1    27.8    0.0     8.0     8.5
## 9398   2009-12-06  CoffsHarbour    20.9    26.9    1.4     3.8     7.3
## 9399   2009-12-07  CoffsHarbour    20.4    30.2    0.0     5.4    11.7
## 9400   2009-12-08  CoffsHarbour    19.4    30.9    0.0     7.0    11.4
## 9401   2009-12-09  CoffsHarbour    22.2    26.2    0.4     6.4     0.7
## 9402   2009-12-10  CoffsHarbour    21.0    29.2    0.0     6.2     2.7
## 9403   2009-12-11  CoffsHarbour    22.0    26.7    2.4     4.8     8.5
## 9404   2009-12-12  CoffsHarbour    18.1    26.5    0.0     4.0     5.4
## 9405   2009-12-13  CoffsHarbour    17.2    27.2    0.0     4.2    11.5
## 9406   2009-12-14  CoffsHarbour    20.5    28.0    0.0     7.8     1.1
## 9410   2009-12-18  CoffsHarbour    21.6    30.6    0.0     8.0     7.9
## 9411   2009-12-19  CoffsHarbour    19.1    24.8    7.2     5.4     3.7
## 9412   2009-12-20  CoffsHarbour    21.3    24.7    0.0     3.0     3.3
## 9413   2009-12-21  CoffsHarbour    15.7    26.3    0.0     3.4     8.2
## 9414   2009-12-22  CoffsHarbour    17.9    27.2    0.0     6.6     3.7
## 9415   2009-12-23  CoffsHarbour    18.5    28.4    0.0     2.0    12.0
## 9416   2009-12-24  CoffsHarbour    18.8    28.2    0.0     5.2    12.9
## 9417   2009-12-25  CoffsHarbour    23.0    29.0    0.0     7.0     9.0
## 9418   2009-12-26  CoffsHarbour    24.2    27.4    0.0     8.8     2.0
## 9419   2009-12-27  CoffsHarbour    23.6    28.8    1.6     2.6     8.6
## 9420   2009-12-28  CoffsHarbour    23.7    26.1    0.4     5.6     1.8
## 9421   2009-12-29  CoffsHarbour    21.1    25.8   11.0     3.6     1.9
## 9422   2009-12-30  CoffsHarbour    20.8    23.0   34.2     4.2     0.0
## 9423   2009-12-31  CoffsHarbour    19.5    25.4   38.8     1.4     1.0
## 9424   2010-01-01  CoffsHarbour    21.4    28.4    0.0     2.8     2.6
## 9425   2010-01-02  CoffsHarbour    22.9    28.9    0.0     6.0     2.4
## 9426   2010-01-03  CoffsHarbour    20.3    25.8    0.0     3.0     1.9
## 9427   2010-01-04  CoffsHarbour    21.1    25.4    1.4     3.4     2.5
## 9429   2010-01-06  CoffsHarbour    17.4    28.8    0.0     5.2     8.1
## 9430   2010-01-07  CoffsHarbour    21.3    27.4    0.0     4.4     7.4
## 9431   2010-01-08  CoffsHarbour    18.8    27.9    0.0     5.4    12.6
## 9432   2010-01-09  CoffsHarbour    19.2    28.5    0.0     5.4    13.2
## 9433   2010-01-10  CoffsHarbour    18.7    29.0    0.0     7.0    13.6
## 9434   2010-01-11  CoffsHarbour    18.9    28.2    0.0     7.0     7.1
## 9435   2010-01-12  CoffsHarbour    19.1    28.1    0.0     5.0    12.5
## 9436   2010-01-13  CoffsHarbour    22.6    28.7    0.0     8.8    12.3
## 9437   2010-01-14  CoffsHarbour    21.4    28.6    0.0     6.8     9.7
## 9438   2010-01-15  CoffsHarbour    20.1    28.4    0.0     7.0    10.9
## 9439   2010-01-16  CoffsHarbour    19.9    27.5    0.0     6.8    11.8
## 9440   2010-01-17  CoffsHarbour    20.8    30.5    0.0     6.2     8.3
## 9441   2010-01-18  CoffsHarbour    20.6    26.7    1.6     5.8    11.2
## 9442   2010-01-19  CoffsHarbour    15.4    26.2    0.0     7.0    13.1
## 9443   2010-01-20  CoffsHarbour    15.8    28.7    0.0     7.4    13.1
## 9444   2010-01-21  CoffsHarbour    18.0    31.4    0.0     9.4    11.8
## 9445   2010-01-22  CoffsHarbour    18.1    31.0    0.0     5.8    13.0
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## 9446   2010-01-23   CoffsHarbour   18.5   30.7    0.0    7.0   12.9
## 9447   2010-01-24   CoffsHarbour   21.2   27.0    0.0    7.8   11.1
## 9448   2010-01-25   CoffsHarbour   20.4   28.9    0.0    6.2   11.2
## 9449   2010-01-26   CoffsHarbour   21.3   30.9    0.0    6.4   11.0
## 9450   2010-01-27   CoffsHarbour   21.9   30.6    0.0    6.8    5.3
## 9451   2010-01-28   CoffsHarbour   21.4   29.5    0.8    4.2    5.8
## 9452   2010-01-29   CoffsHarbour   20.6   27.6    2.6    5.4    5.4
## 9453   2010-01-30   CoffsHarbour   22.3   28.7    0.0    3.2    9.9
## 9454   2010-01-31   CoffsHarbour   21.6   28.2   10.8    7.4    8.4
## 9455   2010-02-01   CoffsHarbour   19.4   27.8    5.8    3.0    3.0
## 9456   2010-02-02   CoffsHarbour   20.7   26.6    3.8    5.0    2.0
## 9458   2010-02-04   CoffsHarbour   21.5   27.7   20.0    6.6    7.5
## 9459   2010-02-05   CoffsHarbour   21.7   29.2    1.2    4.2    8.4
## 9460   2010-02-06   CoffsHarbour   22.4   25.1    8.6    5.6    1.1
## 9462   2010-02-08   CoffsHarbour   19.5   27.9    1.0    6.4    9.3
## 9463   2010-02-09   CoffsHarbour   20.3   27.6   13.2    6.2    6.2
## 9464   2010-02-10   CoffsHarbour   18.7   27.4    2.8    4.4   11.5
## 9465   2010-02-11   CoffsHarbour   18.2   27.9    0.0    4.8   12.4
## 9466   2010-02-12   CoffsHarbour   20.5   31.8    0.0    7.2    9.3
## 9467   2010-02-13   CoffsHarbour   21.7   29.8    0.0    6.8   11.2
## 9468   2010-02-14   CoffsHarbour   23.5   30.4    0.0    6.2   12.1
## 9469   2010-02-15   CoffsHarbour   23.2   30.0    0.0    6.6    6.7
## 9470   2010-02-16   CoffsHarbour   20.8   25.8    9.0    5.6    7.2
## 9471   2010-02-17   CoffsHarbour   19.4   26.7    0.0    4.6   11.5
## 9472   2010-02-18   CoffsHarbour   19.8   26.2    0.0    8.0    8.9
## 9473   2010-02-19   CoffsHarbour   18.4   26.9    1.2    7.2    7.5
## 9474   2010-02-20   CoffsHarbour   19.4   25.4    2.0    3.8    2.8
## 9475   2010-02-21   CoffsHarbour   18.4   28.1    5.2    2.4   10.5
## 9476   2010-02-22   CoffsHarbour   21.2   29.6    0.0    5.2   11.8
## 9477   2010-02-23   CoffsHarbour   21.3   31.1    0.0    7.4   10.8
## 9478   2010-02-24   CoffsHarbour   19.8   24.0   13.4    8.0    1.1
## 9479   2010-02-25   CoffsHarbour   18.8   26.3    1.4    2.0    3.7
## 9480   2010-02-26   CoffsHarbour   18.4   26.5   10.6    4.4    7.0
## 9481   2010-02-27   CoffsHarbour   18.9   26.8    6.2    4.6    6.8
## 9482   2010-02-28   CoffsHarbour   19.6   28.2    0.2    4.0    3.7
## 9483   2010-03-01   CoffsHarbour   21.4   24.5    0.0    4.0    1.0
## 9484   2010-03-02   CoffsHarbour   18.0   20.9   56.6    8.6    0.0
## 9485   2010-03-03   CoffsHarbour   17.6   24.1   45.2    2.2    0.0
## 9486   2010-03-04   CoffsHarbour   18.8   26.9    9.6    1.4    4.7
## 9487   2010-03-05   CoffsHarbour   18.3   27.1    1.4    2.4    5.3
## 9488   2010-03-06   CoffsHarbour   21.6   27.3   13.4    4.8    3.5
## 9489   2010-03-07   CoffsHarbour   21.3   27.2    0.2    1.2    2.3
## 9490   2010-03-08   CoffsHarbour   21.7   27.4    2.6    3.6    2.8
## 9491   2010-03-09   CoffsHarbour   22.0   28.1    0.0    3.4    9.1
## 9492   2010-03-10   CoffsHarbour   21.2   26.5    0.0    3.6    7.7
## 9493   2010-03-11   CoffsHarbour   18.9   21.8    2.8    7.0    1.2
## 9494   2010-03-12   CoffsHarbour   17.1   25.6   13.2    2.8    4.2
## 9495   2010-03-13   CoffsHarbour   17.0   24.8   24.0    4.6    5.7
## 9496   2010-03-14   CoffsHarbour   17.5   24.9    9.8    3.6    7.1
## 9497   2010-03-15   CoffsHarbour   16.7   25.1    0.0    2.4    6.9
## 9498   2010-03-16   CoffsHarbour   16.4   26.3    0.0    4.0    6.4
## 9499   2010-03-17   CoffsHarbour   18.1   25.5    2.0    4.2    5.3
## 9500   2010-03-18   CoffsHarbour   17.3   25.9    0.8    3.2   10.5
## 9501   2010-03-19   CoffsHarbour   19.3   27.0    0.8    4.8    9.6
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## 9502   2010-03-20   CoffsHarbour   16.7   26.9    0.0   4.2   11.3
## 9503   2010-03-21   CoffsHarbour   18.0   29.4    0.0   5.6   11.2
## 9504   2010-03-22   CoffsHarbour   17.3   27.8    0.0   5.0    9.1
## 9505   2010-03-23   CoffsHarbour   20.4   26.5    0.4   5.2    3.8
## 9506   2010-03-24   CoffsHarbour   16.0   26.7    0.0   2.6   10.6
## 9507   2010-03-25   CoffsHarbour   16.4   27.3    0.0   4.6   10.8
## 9508   2010-03-26   CoffsHarbour   17.7   28.7    0.0   4.0   11.0
## 9509   2010-03-27   CoffsHarbour   18.4   28.2    0.0   5.4   11.1
## 9510   2010-03-28   CoffsHarbour   19.0   27.7    0.0   4.6    9.0
## 9511   2010-03-29   CoffsHarbour   18.1   28.0    0.0   4.8    7.5
## 9512   2010-03-30   CoffsHarbour   19.5   28.3    0.0   4.0    9.6
## 9513   2010-03-31   CoffsHarbour   19.3   23.5    0.0   4.6    1.1
## 9514   2010-04-01   CoffsHarbour   17.5   25.1   18.2   2.6    7.4
## 9515   2010-04-02   CoffsHarbour   15.6   25.5    0.0   4.2    9.4
## 9516   2010-04-03   CoffsHarbour   17.9   25.5    0.4   6.0   10.7
## 9517   2010-04-04   CoffsHarbour   17.2   24.6    1.2   7.2    7.7
## 9518   2010-04-05   CoffsHarbour   14.9   23.7    0.4   4.0   11.0
## 9519   2010-04-06   CoffsHarbour   15.5   24.5    0.0   3.4    1.4
## 9520   2010-04-07   CoffsHarbour   19.7   25.0    0.0   2.2    1.0
## 9521   2010-04-08   CoffsHarbour   20.2   26.1    0.0   3.2    2.7
## 9522   2010-04-09   CoffsHarbour   16.8   25.4    0.4   1.0    9.0
## 9523   2010-04-10   CoffsHarbour   16.6   27.2    0.0   4.0    8.9
## 9525   2010-04-12   CoffsHarbour   20.4   25.4    0.0   3.4    3.7
## 9526   2010-04-13   CoffsHarbour   15.1   24.3    0.0   4.6    9.5
## 9527   2010-04-14   CoffsHarbour   15.2   24.4    0.0   5.0   10.5
## 9528   2010-04-15   CoffsHarbour   11.9   24.5    0.0   4.2   10.6
## 9529   2010-04-16   CoffsHarbour   13.4   25.1    0.0   3.4   10.2
## 9530   2010-04-17   CoffsHarbour   16.0   23.4   10.8   5.0    7.4
## 9531   2010-04-18   CoffsHarbour   15.5   24.3    6.2   2.2    8.0
## 9532   2010-04-19   CoffsHarbour   17.0   23.8    8.6   2.2    5.0
## 9533   2010-04-20   CoffsHarbour   17.6   22.1    8.8   3.2    0.8
## 9534   2010-04-21   CoffsHarbour   16.1   24.8   11.0   1.2    8.4
## 9535   2010-04-22   CoffsHarbour   14.1   25.3    0.2   1.8   10.5
## 9536   2010-04-23   CoffsHarbour   15.1   27.5    0.0   2.8   10.4
## 9537   2010-04-24   CoffsHarbour   17.9   29.4    0.0   3.2    8.1
## 9538   2010-04-25   CoffsHarbour   17.9   27.0    0.0   3.0    1.6
## 9539   2010-04-26   CoffsHarbour   14.9   22.8    7.0   4.2   10.4
## 9540   2010-04-27   CoffsHarbour    9.4   24.4    0.0   3.8    7.4
## 9541   2010-04-28   CoffsHarbour   15.0   24.4    0.0   2.4    9.9
## 9542   2010-04-29   CoffsHarbour   11.6   25.4    0.0   3.6   10.4
## 9543   2010-04-30   CoffsHarbour   10.7   23.1    0.0   3.2    9.3
## 9544   2010-05-01   CoffsHarbour   12.1   23.3    0.0   3.0    8.2
## 9545   2010-05-02   CoffsHarbour   12.9   26.5    0.0   3.0    9.0
## 9546   2010-05-03   CoffsHarbour   15.0   25.0    0.0   2.6    7.8
## 9547   2010-05-04   CoffsHarbour   15.5   20.6    8.6   2.8    0.7
## 9548   2010-05-05   CoffsHarbour   14.4   24.3    6.4   1.0   10.3
## 9549   2010-05-06   CoffsHarbour   10.9   20.2    0.0   2.8    2.2
## 9550   2010-05-07   CoffsHarbour    8.2   22.1    0.0   3.2   10.3
## 9551   2010-05-08   CoffsHarbour   11.5   23.2    0.0   3.0    9.6
## 9552   2010-05-09   CoffsHarbour   11.6   23.6    0.0   3.0    9.8
## 9553   2010-05-10   CoffsHarbour   11.6   23.0    0.0   2.8    9.7
## 9554   2010-05-11   CoffsHarbour   12.5   24.9    0.0   2.4    8.8
## 9555   2010-05-12   CoffsHarbour   10.4   20.3    1.0   2.4   10.2
## 9556   2010-05-13   CoffsHarbour    4.8   21.1    0.0   4.0   10.1
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## 9557   2010-05-14   CoffsHarbour    5.3   21.8    0.0    2.4   10.0
## 9558   2010-05-15   CoffsHarbour    6.5   22.0    0.0    2.6    9.8
## 9559   2010-05-16   CoffsHarbour   10.2   22.3    0.0    3.4    7.9
## 9560   2010-05-17   CoffsHarbour   11.5   20.3    0.0    2.4    0.5
## 9561   2010-05-18   CoffsHarbour    9.7   20.1    5.0    2.4    8.7
## 9562   2010-05-19   CoffsHarbour   13.0   21.7    6.8    3.4    8.1
## 9563   2010-05-20   CoffsHarbour    9.9   21.2    0.4    2.6    8.1
## 9564   2010-05-21   CoffsHarbour   11.6   21.3    0.0    1.8    4.4
## 9566   2010-05-23   CoffsHarbour   14.6   20.7    0.2    3.6    3.4
## 9567   2010-05-24   CoffsHarbour   12.3   19.9    5.0    2.6    0.2
## 9568   2010-05-25   CoffsHarbour   16.0   23.9    0.6    2.6    6.5
## 9569   2010-05-26   CoffsHarbour   14.8   23.6    0.6    2.4    8.7
## 9570   2010-05-27   CoffsHarbour   13.6   19.7    6.8    4.8    3.5
## 9571   2010-05-28   CoffsHarbour   14.2   21.1   12.8    4.0    4.3
## 9572   2010-05-29   CoffsHarbour   13.4   23.2    1.8    0.6    2.8
## 9573   2010-05-30   CoffsHarbour    9.3   20.1    2.4    1.6    9.3
## 9574   2010-05-31   CoffsHarbour    8.0   22.0    0.0    2.2    9.7
## 9575   2010-06-01   CoffsHarbour   14.4   21.7    0.0    2.4    6.5
## 9576   2010-06-02   CoffsHarbour   14.6   16.2    4.0    3.4    0.0
## 9577   2010-06-03   CoffsHarbour   14.1   16.9   59.4    1.6    0.1
## 9578   2010-06-04   CoffsHarbour   13.9   20.7   33.4    0.6    5.8
## 9579   2010-06-05   CoffsHarbour   14.9   21.7    1.8    2.4    7.8
## 9580   2010-06-06   CoffsHarbour    8.9   19.4    0.0    3.0    9.6
## 9581   2010-06-07   CoffsHarbour   10.8   19.7    0.0    3.0    6.9
## 9582   2010-06-08   CoffsHarbour    9.9   18.9    0.0    3.0    9.6
## 9583   2010-06-09   CoffsHarbour    9.7   22.3    0.2    1.8    7.7
## 9584   2010-06-10   CoffsHarbour    4.2   17.9    0.0    2.0    8.5
## 9585   2010-06-11   CoffsHarbour    4.8   18.7    0.0    2.0    3.8
## 9586   2010-06-12   CoffsHarbour    5.3   18.0    0.0    1.6    9.6
## 9587   2010-06-13   CoffsHarbour    9.5   17.7    0.0    2.4    4.9
## 9588   2010-06-14   CoffsHarbour   12.8   16.4    4.0    1.8    0.3
## 9589   2010-06-15   CoffsHarbour    9.8   17.4    3.8    0.4    3.1
## 9590   2010-06-16   CoffsHarbour    7.5   19.7    0.8    0.8    7.5
## 9591   2010-06-17   CoffsHarbour   10.1   19.0    0.0    1.6    0.2
## 9592   2010-06-18   CoffsHarbour    8.7   20.7    0.0    1.0    8.5
## 9593   2010-06-19   CoffsHarbour    5.3   18.0    0.0    2.2    9.1
## 9594   2010-06-20   CoffsHarbour    5.3   19.0    0.0    1.8    9.5
## 9595   2010-06-21   CoffsHarbour    6.2   19.7    0.0    1.6    8.1
## 9596   2010-06-22   CoffsHarbour   13.6   17.8    4.4    2.2    2.6
## 9597   2010-06-23   CoffsHarbour   13.0   18.1   11.0    1.6    1.2
## 9598   2010-06-24   CoffsHarbour   12.2   19.1    5.2    1.0    3.6
## 9599   2010-06-25   CoffsHarbour    8.2   20.6    0.0    1.0    6.6
## 9600   2010-06-26   CoffsHarbour   10.0   21.6    0.0    1.6    3.9
## 9601   2010-06-27   CoffsHarbour   13.3   17.9    1.6    1.2    4.6
## 9602   2010-06-28   CoffsHarbour    8.6   17.4    0.0    2.2    9.5
## 9603   2010-06-29   CoffsHarbour    3.6   16.4    0.0    2.0    9.6
## 9604   2010-06-30   CoffsHarbour    1.3   16.7    0.0    1.6    9.0
## 9605   2010-07-01   CoffsHarbour    3.9   15.8    0.0    1.2    1.1
## 9606   2010-07-02   CoffsHarbour    8.3   12.9    0.0    1.4    0.0
## 9607   2010-07-03   CoffsHarbour    6.3   17.5    7.2    0.0    9.8
## 9608   2010-07-04   CoffsHarbour    8.4   18.8    0.0    3.2    9.2
## 9609   2010-07-05   CoffsHarbour    7.0   18.5    0.0    1.8    6.2
## 9610   2010-07-06   CoffsHarbour   12.3   15.9    1.2    2.0    0.1
## 9611   2010-07-07   CoffsHarbour    7.3   17.9    0.0    0.8    0.5
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## 9612   2010-07-08   CoffsHarbour   12.8   18.9    4.8    2.4    2.3
## 9613   2010-07-09   CoffsHarbour   12.8   19.0    1.6    1.4    6.9
## 9614   2010-07-10   CoffsHarbour    9.4   19.3    1.8    3.0    9.5
## 9615   2010-07-11   CoffsHarbour   10.5   22.3    0.0    1.6    8.1
## 9616   2010-07-12   CoffsHarbour   12.6   20.9    0.0    2.8    7.8
## 9617   2010-07-13   CoffsHarbour   10.6   22.4    0.4    0.8    7.4
## 9618   2010-07-14   CoffsHarbour   16.4   21.7    0.0    2.2    5.8
## 9619   2010-07-15   CoffsHarbour    5.4   19.8    0.0    2.0    9.9
## 9620   2010-07-16   CoffsHarbour    5.1   18.8    0.0    3.2    9.8
## 9621   2010-07-17   CoffsHarbour    4.5   18.2    0.0    2.8    9.8
## 9622   2010-07-18   CoffsHarbour    7.0   21.7    0.0    1.6    8.7
## 9623   2010-07-19   CoffsHarbour   12.2   23.5    0.0    2.4    3.6
## 9624   2010-07-20   CoffsHarbour    7.5   17.6    9.8    2.6    9.4
## 9625   2010-07-21   CoffsHarbour   10.1   17.2    0.0    3.2    8.4
## 9626   2010-07-22   CoffsHarbour   10.2   18.3    0.0    3.0    6.8
## 9627   2010-07-23   CoffsHarbour   10.9   18.6    0.0    3.4    6.1
## 9628   2010-07-24   CoffsHarbour    9.6   18.6    0.0    2.2    5.5
## 9629   2010-07-25   CoffsHarbour   10.7   18.8    1.4    2.6    5.2
## 9630   2010-07-26   CoffsHarbour   11.8   19.0    1.4    2.0    5.8
## 9631   2010-07-27   CoffsHarbour   10.2   17.5   42.6    5.0    3.3
## 9632   2010-07-28   CoffsHarbour   14.2   17.9   52.6    5.4    0.1
## 9633   2010-07-29   CoffsHarbour   12.3   22.4   34.4    0.2    5.2
## 9634   2010-07-30   CoffsHarbour   12.0   25.3    0.0    0.6    6.1
## 9635   2010-07-31   CoffsHarbour   17.6   24.4    0.2    1.6    4.4
## 9638   2010-08-03   CoffsHarbour    4.9   20.1    0.0    3.4    9.2
## 9639   2010-08-04   CoffsHarbour    8.1   19.0    0.2    4.0   10.1
## 9640   2010-08-05   CoffsHarbour    6.4   20.3    0.0    1.2   10.1
## 9641   2010-08-06   CoffsHarbour    5.9   17.5    0.2    2.4   10.1
## 9642   2010-08-07   CoffsHarbour    5.2   18.2    0.0    4.0    9.9
## 9643   2010-08-08   CoffsHarbour    4.1   17.2    0.0    3.2   10.3
## 9644   2010-08-09   CoffsHarbour    5.4   20.8    0.0    2.2   10.3
## 9645   2010-08-10   CoffsHarbour   14.4   19.1    6.0    3.4    0.2
## 9646   2010-08-11   CoffsHarbour   16.3   21.7    7.6    0.4    4.1
## 9647   2010-08-12   CoffsHarbour    7.9   19.8    0.0    2.6   10.0
## 9648   2010-08-13   CoffsHarbour    8.2   19.5    0.0    3.6   10.6
## 9650   2010-08-15   CoffsHarbour    8.5   23.8    0.0    2.8   10.5
## 9651   2010-08-16   CoffsHarbour    6.5   20.1    0.0    4.0   10.5
## 9652   2010-08-17   CoffsHarbour    8.0   17.3    0.0    3.2   10.5
## 9655   2010-08-20   CoffsHarbour   17.3   22.1    0.0    3.0    4.7
## 9656   2010-08-21   CoffsHarbour    5.0   17.7    0.0    2.2   10.7
## 9657   2010-08-22   CoffsHarbour    3.1   17.6    0.0    2.6    8.8
## 9658   2010-08-23   CoffsHarbour   10.2   17.1    3.6    2.8    0.3
## 9659   2010-08-24   CoffsHarbour    9.1   17.2    0.4    0.6    0.9
## 9660   2010-08-25   CoffsHarbour    8.6   19.7    0.0    1.0    3.9
## 9661   2010-08-26   CoffsHarbour    5.3   19.9    0.0    2.4   10.7
## 9662   2010-08-27   CoffsHarbour    6.3   21.6    0.0    3.0   10.8
## 9663   2010-08-28   CoffsHarbour    5.2   18.7    0.0    4.0    9.8
## 9664   2010-08-29   CoffsHarbour    6.5   19.8    0.0    3.6   10.8
## 9665   2010-08-30   CoffsHarbour    7.5   20.0    0.0    3.4   10.1
## 9666   2010-08-31   CoffsHarbour    8.9   20.8    0.6    3.2   10.5
## 9667   2010-09-01   CoffsHarbour   11.8   24.7    0.0    2.6   10.4
## 9668   2010-09-02   CoffsHarbour   12.4   31.2    0.0    4.8    9.2
## 9669   2010-09-03   CoffsHarbour   16.8   21.6    0.0    2.6    0.4
## 9670   2010-09-04   CoffsHarbour   17.2   23.4   16.2    1.8    1.8
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## 9671   2010-09-05   CoffsHarbour   18.3   27.9    13.8     1.2   10.3
## 9672   2010-09-06   CoffsHarbour   14.2   19.7     0.0     5.8    9.0
## 9673   2010-09-07   CoffsHarbour    8.2   20.7     0.0     3.8   10.1
## 9674   2010-09-08   CoffsHarbour   12.4   19.6     0.0     4.8    4.1
## 9675   2010-09-09   CoffsHarbour    9.2   22.7     0.0     1.8    4.2
## 9676   2010-09-10   CoffsHarbour   16.5   27.3     1.6     1.8    7.5
## 9677   2010-09-11   CoffsHarbour    9.9   20.7     0.0     4.8   10.7
## 9678   2010-09-12   CoffsHarbour    7.9   23.1     0.0     4.2   10.1
## 9679   2010-09-13   CoffsHarbour   16.1   22.7     0.0     4.4    1.5
## 9680   2010-09-14   CoffsHarbour   12.4   22.2     0.2     1.0    4.4
## 9681   2010-09-15   CoffsHarbour   11.5   24.5     0.4     2.8   10.5
## 9682   2010-09-16   CoffsHarbour    5.9   20.9     0.0     4.8    8.4
## 9683   2010-09-17   CoffsHarbour    8.3   19.5     0.0     4.2    7.1
## 9684   2010-09-18   CoffsHarbour    6.2   20.9     0.0     4.0    9.6
## 9686   2010-09-20   CoffsHarbour   13.8   17.1     7.2     1.6    0.0
## 9687   2010-09-21   CoffsHarbour   14.0   20.7     6.6     0.2    3.0
## 9688   2010-09-22   CoffsHarbour   14.5   22.0     2.8     2.6    3.6
## 9689   2010-09-23   CoffsHarbour   12.5   23.7     0.0     2.0    8.1
## 9690   2010-09-24   CoffsHarbour   14.9   23.4     0.0     3.0    9.0
## 9691   2010-09-25   CoffsHarbour   15.7   25.8     0.0     3.8    7.0
## 9692   2010-09-26   CoffsHarbour   12.3   24.7     0.0     3.6    5.9
## 9693   2010-09-27   CoffsHarbour   13.0   26.7     0.0     3.8   10.1
## 9694   2010-09-28   CoffsHarbour   16.6   25.3     0.0     3.8    8.3
## 9695   2010-09-29   CoffsHarbour   14.6   21.9     6.6     3.8    8.1
## 9696   2010-09-30   CoffsHarbour   13.3   20.0     0.2     7.0    3.4
## 9698   2010-10-02   CoffsHarbour   13.6   19.2     8.0     4.2    0.4
## 9700   2010-10-04   CoffsHarbour   16.2   19.5   128.0     0.2    0.0
## 9701   2010-10-05   CoffsHarbour   17.8   21.7    61.2     6.8    4.6
## 9702   2010-10-06   CoffsHarbour   17.0   22.5    13.0     2.8    5.8
## 9703   2010-10-07   CoffsHarbour   15.6   26.6     3.6     3.4    8.8
## 9705   2010-10-09   CoffsHarbour   14.7   19.6     7.4     1.2    0.4
## 9706   2010-10-10   CoffsHarbour   14.5   19.2     2.2     2.6    0.0
## 9707   2010-10-11   CoffsHarbour   15.2   21.5    23.8     5.0    2.2
## 9708   2010-10-12   CoffsHarbour   15.8   22.8     6.2     3.0    6.3
## 9709   2010-10-13   CoffsHarbour   13.7   23.4     0.2     3.8    7.6
## 9710   2010-10-14   CoffsHarbour   16.3   26.0     0.0     4.8    5.8
## 9711   2010-10-15   CoffsHarbour   18.8   23.6     0.0     4.0    0.3
## 9712   2010-10-16   CoffsHarbour   13.9   20.8     9.6     3.0   11.9
## 9713   2010-10-17   CoffsHarbour    4.3   18.7     0.0     6.4   12.3
## 9714   2010-10-18   CoffsHarbour    8.6   23.0     0.0     4.8   12.3
## 9715   2010-10-19   CoffsHarbour   10.0   22.3     0.0     5.6   11.4
## 9716   2010-10-20   CoffsHarbour   15.4   21.3     5.6     2.2    3.0
## 9718   2010-10-22   CoffsHarbour   14.3   23.4     0.0     4.8    8.7
## 9719   2010-10-23   CoffsHarbour   13.5   23.3     0.0     6.2   11.9
## 9720   2010-10-24   CoffsHarbour   14.8   22.7     0.0     4.4    7.4
## 9721   2010-10-25   CoffsHarbour   15.4   20.6    27.6     3.0    6.2
## 9722   2010-10-26   CoffsHarbour   14.6   22.3    10.4     3.4    5.8
## 9723   2010-10-27   CoffsHarbour   15.1   25.0     0.0     2.0   11.3
## 9724   2010-10-28   CoffsHarbour   17.2   22.8     0.0     4.4    6.3
## 9725   2010-10-29   CoffsHarbour   15.9   23.5    18.8     5.2    9.8
## 9726   2010-10-30   CoffsHarbour   17.8   24.8     0.0     4.2   11.0
## 9727   2010-10-31   CoffsHarbour   19.1   24.5     0.0     6.0    7.4
## 9728   2010-11-01   CoffsHarbour   18.9   22.2     0.0     5.6    0.3
## 9729   2010-11-02   CoffsHarbour   14.3   22.1     2.6     1.8   12.4
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## 9730    2010-11-03   CoffsHarbour     9.6    22.6     0.0       4.4       11.3
## 9731    2010-11-04   CoffsHarbour    14.8    22.6     0.0       7.6        4.8
## 9732    2010-11-05   CoffsHarbour    15.2    21.0    15.8       5.2        0.9
## 9734    2010-11-07   CoffsHarbour    12.4    23.2    30.8       6.4        9.5
## 9735    2010-11-08   CoffsHarbour    17.8    26.6     0.0       3.6        9.5
## 9736    2010-11-09   CoffsHarbour    17.8    25.0     0.0       6.4        8.3
## 9737    2010-11-10   CoffsHarbour    17.4    25.4     0.0       4.4       11.1
## 9738    2010-11-11   CoffsHarbour    18.6    25.0     0.0       6.6        1.8
## 9739    2010-11-12   CoffsHarbour    15.5    26.2     1.6       2.6       11.4
## 9740    2010-11-13   CoffsHarbour    20.7    26.7     0.0       6.4       12.0
## 9741    2010-11-14   CoffsHarbour    19.9    28.0     0.0       6.6       12.9
## 9742    2010-11-15   CoffsHarbour    20.2    27.4     0.0       6.8       11.1
## 9743    2010-11-16   CoffsHarbour    18.9    25.2     0.0       7.6        2.4
## 9744    2010-11-17   CoffsHarbour    17.4    20.6    50.2       5.8        0.3
## 9745    2010-11-18   CoffsHarbour    17.6    21.2     4.4       3.2        0.0
## 9746    2010-11-19   CoffsHarbour    17.7    23.3    11.6       2.8        3.3
## 9747    2010-11-20   CoffsHarbour    15.8    23.4     4.4       3.8        3.6
## 9748    2010-11-21   CoffsHarbour    13.4    23.0     0.4       2.4        5.0
## 9749    2010-11-22   CoffsHarbour    16.7    24.5     0.2       3.8        8.3
## 9750    2010-11-23   CoffsHarbour    19.7    24.9     0.0       6.2        7.6
## 9751    2010-11-24   CoffsHarbour    17.1    24.9     6.6       6.0       11.4
## 9752    2010-11-25   CoffsHarbour    15.5    25.4     0.0       6.2       12.4
## 9753    2010-11-26   CoffsHarbour    15.5    25.2     0.0       6.0        7.1
## 9754    2010-11-27   CoffsHarbour    18.5    25.7     3.8       3.8       10.6
## 9755    2010-11-28   CoffsHarbour    17.5    25.9     0.0       8.0        5.6
## 9757    2010-11-30   CoffsHarbour    19.1    24.5     9.0       6.8        1.3
## 9760    2010-12-03   CoffsHarbour    18.7    25.0     3.4       0.2        1.7
## 9761    2010-12-04   CoffsHarbour    19.2    25.0     1.0       4.0        0.4
## 9762    2010-12-05   CoffsHarbour    19.4    23.4     4.0       2.6        0.0
## 9763    2010-12-06   CoffsHarbour    17.4    25.8     7.0       1.6        9.6
## 9764    2010-12-07   CoffsHarbour    17.6    26.1     0.6       4.6       12.5
## 9765    2010-12-08   CoffsHarbour    20.3    26.3    10.8       7.0        7.6
## 9766    2010-12-09   CoffsHarbour    21.8    29.1     0.6       5.6       11.6
## 9767    2010-12-10   CoffsHarbour    21.6    33.2     0.0       7.2        8.2
## 9768    2010-12-11   CoffsHarbour    21.7    25.3     7.6       5.6        0.3
## 9769    2010-12-12   CoffsHarbour    20.6    27.1     8.8       0.8       11.3
## 9770    2010-12-13   CoffsHarbour    19.4    26.4     0.0       5.0        9.3
## 9771    2010-12-14   CoffsHarbour    19.8    26.3    26.8       5.8        7.1
## 9772    2010-12-15   CoffsHarbour    18.5    26.9    11.8       6.0       12.8
## 9773    2010-12-16   CoffsHarbour    20.1    29.8     0.0       6.6        5.6
## 9774    2010-12-17   CoffsHarbour    19.4    25.5    10.0       3.0        1.5
## 9775    2010-12-18   CoffsHarbour    18.0    23.7     1.0       2.4        0.4
## 9776    2010-12-19   CoffsHarbour    17.2    22.9     0.4       1.0        0.0
## 9777    2010-12-20   CoffsHarbour    17.0    26.3     1.6       1.4       11.2
## 9778    2010-12-21   CoffsHarbour     9.6    25.0     0.0       6.8       13.0
## 9779    2010-12-22   CoffsHarbour    16.2    27.0     0.0       7.8       10.0
## 9780    2010-12-23   CoffsHarbour    18.0    23.2     5.2       4.6        0.8
## 9781    2010-12-24   CoffsHarbour    19.9    24.7    19.4       0.6        0.1
## 9782    2010-12-25   CoffsHarbour    19.5    24.4    40.4      10.0        0.0
## 9783    2010-12-26   CoffsHarbour    19.9    28.3    10.6       2.2        2.6
## 9784    2010-12-27   CoffsHarbour    21.5    25.3     1.4       3.6        0.0
## 9785    2010-12-28   CoffsHarbour    18.5    22.5    30.4       5.8        0.0
## 9786    2010-12-29   CoffsHarbour    17.7    25.5    11.0       1.8       10.4
## 9787    2010-12-30   CoffsHarbour    15.9    26.6     0.0       7.2       12.9
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## 9788   2010-12-31   CoffsHarbour   18.6   27.1    0.0    5.2   12.9
## 9789   2011-01-01   CoffsHarbour   17.8   27.1    0.0    6.0   13.0
## 9790   2011-01-02   CoffsHarbour   23.5   30.9    0.0    7.2   11.6
## 9791   2011-01-03   CoffsHarbour   22.2   27.6    0.0    3.0    6.3
## 9792   2011-01-04   CoffsHarbour   22.7   27.3    0.0    6.6    6.7
## 9793   2011-01-05   CoffsHarbour   19.2   25.8    0.0    5.0    1.3
## 9795   2011-01-07   CoffsHarbour   18.4   26.6   44.4    1.0    5.0
## 9796   2011-01-08   CoffsHarbour   20.0   26.8    5.6    3.4    4.8
## 9798   2011-01-10   CoffsHarbour   21.8   25.2   17.4    7.0    0.9
## 9799   2011-01-11   CoffsHarbour   22.6   26.3   18.4    3.4    0.0
## 9800   2011-01-12   CoffsHarbour   22.2   26.2   14.2    2.6    1.3
## 9801   2011-01-13   CoffsHarbour   21.1   27.1    9.8    2.4    7.1
## 9802   2011-01-14   CoffsHarbour   20.9   27.0    1.2    5.8    8.8
## 9803   2011-01-15   CoffsHarbour   19.5   27.1    0.0    5.4   10.7
## 9804   2011-01-16   CoffsHarbour   17.2   27.0    0.0    5.4   11.4
## 9805   2011-01-17   CoffsHarbour   17.4   27.3    0.0    6.8   13.0
## 9806   2011-01-18   CoffsHarbour   21.4   26.8    0.0    5.6    2.9
## 9807   2011-01-19   CoffsHarbour   21.0   28.5    0.2    1.4    4.5
## 9808   2011-01-20   CoffsHarbour   19.8   26.0   25.4    7.8    8.2
## 9809   2011-01-21   CoffsHarbour   18.9   27.0    0.8    4.0    8.7
## 9810   2011-01-22   CoffsHarbour   16.4   27.6    0.2    5.4    7.5
## 9811   2011-01-23   CoffsHarbour   16.7   26.3    1.6    5.6   12.0
## 9812   2011-01-24   CoffsHarbour   16.6   28.7    0.0    6.0    9.3
## 9813   2011-01-25   CoffsHarbour   19.9   29.1    0.0    5.2   12.9
## 9814   2011-01-26   CoffsHarbour   22.9   28.1    0.0    7.6   12.4
## 9815   2011-01-27   CoffsHarbour   22.6   30.2    0.0    7.8    9.9
## 9816   2011-01-28   CoffsHarbour   22.3   26.7    0.0    6.4    3.1
## 9817   2011-01-29   CoffsHarbour   19.1   26.6    7.6    4.0    9.9
## 9818   2011-01-30   CoffsHarbour   17.8   27.2    1.8    4.8    9.2
## 9819   2011-01-31   CoffsHarbour   19.3   30.0    0.0    4.8   12.4
## 9820   2011-02-01   CoffsHarbour   23.4   32.2    0.0    5.2   12.9
## 9821   2011-02-02   CoffsHarbour   23.9   32.3    0.0    8.8   12.8
## 9822   2011-02-03   CoffsHarbour   25.2   32.6    0.0    8.6    7.1
## 9823   2011-02-04   CoffsHarbour   22.6   30.4    0.0    5.0   12.6
## 9824   2011-02-05   CoffsHarbour   24.0   32.5    0.0    7.4   12.7
## 9825   2011-02-06   CoffsHarbour   24.3   33.7    0.0    6.2   12.4
## 9826   2011-02-07   CoffsHarbour   18.4   23.3    3.4    9.2    1.3
## 9827   2011-02-08   CoffsHarbour   18.1   22.5    1.0    3.0    0.0
## 9828   2011-02-09   CoffsHarbour   18.5   24.8    0.0    2.4    3.3
## 9831   2011-02-12   CoffsHarbour   20.3   29.8    0.0    7.8   11.4
## 9832   2011-02-13   CoffsHarbour   23.0   27.9    0.0    5.4    3.4
## 9833   2011-02-14   CoffsHarbour   20.6   23.2   48.0    3.0    0.8
## 9834   2011-02-15   CoffsHarbour   19.2   26.4   20.2    0.0    2.1
## 9835   2011-02-16   CoffsHarbour   18.8   27.2    3.6    3.4    5.0
## 9836   2011-02-17   CoffsHarbour   20.5   28.0    0.4    4.0    8.6
## 9837   2011-02-18   CoffsHarbour   20.3   28.6    0.0    4.6   11.8
## 9838   2011-02-19   CoffsHarbour   20.3   29.9    0.0    5.8    9.2
## 9839   2011-02-20   CoffsHarbour   22.0   32.5    0.0    5.2   11.5
## 9840   2011-02-21   CoffsHarbour   23.4   26.2    8.8    6.2    1.3
## 9841   2011-02-22   CoffsHarbour   18.7   23.7   18.8    6.0    1.9
## 9842   2011-02-23   CoffsHarbour   16.4   24.3    1.6    3.4    8.0
## 9843   2011-02-24   CoffsHarbour   17.9   25.9    1.0    3.6   10.3
## 9844   2011-02-25   CoffsHarbour   16.2   27.2    0.0    5.2   11.3
## 9845   2011-02-26   CoffsHarbour   19.9   29.5    0.0    5.8    5.9
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## 9846   2011-02-27   CoffsHarbour   19.8   31.7    0.0    3.8    8.7
## 9847   2011-02-28   CoffsHarbour   22.1   29.9    0.8    1.8    8.3
## 9848   2011-03-01   CoffsHarbour   21.2   32.4    4.6    4.2    8.4
## 9849   2011-03-02   CoffsHarbour   20.1   27.3    9.4    6.2    5.0
## 9850   2011-03-03   CoffsHarbour   20.4   25.8    3.6    3.8    0.4
## 9851   2011-03-04   CoffsHarbour   20.3   26.0    2.6    1.6    0.0
## 9852   2011-03-05   CoffsHarbour   20.4   22.3   24.8    2.6    0.1
## 9853   2011-03-06   CoffsHarbour   17.3   24.3   63.8    2.0    0.5
## 9854   2011-03-07   CoffsHarbour   16.4   24.8   16.2    3.4    6.5
## 9855   2011-03-08   CoffsHarbour   17.9   25.2    9.4    2.2    8.4
## 9856   2011-03-09   CoffsHarbour   18.6   26.6    0.0    3.8    6.4
## 9857   2011-03-10   CoffsHarbour   18.3   28.8    0.0    4.6    7.6
## 9858   2011-03-11   CoffsHarbour   19.1   28.6    0.0    5.4    7.7
## 9859   2011-03-12   CoffsHarbour   19.7   27.6    0.8    4.0    3.9
## 9860   2011-03-13   CoffsHarbour   18.9   27.5    0.2    2.6   10.4
## 9861   2011-03-14   CoffsHarbour   20.0   27.3    0.0    5.0   11.2
## 9863   2011-03-16   CoffsHarbour   19.7   27.9    0.0    4.6    7.2
## 9865   2011-03-18   CoffsHarbour   19.1   26.4    1.6    2.6    4.0
## 9866   2011-03-19   CoffsHarbour   20.2   23.4    0.8    2.6    0.9
## 9867   2011-03-20   CoffsHarbour   19.0   25.5    2.6    1.4    1.2
## 9868   2011-03-21   CoffsHarbour   20.4   26.4    3.2    3.0    6.6
## 9870   2011-03-23   CoffsHarbour   18.5   29.5    1.4    4.0    5.2
## 9873   2011-03-26   CoffsHarbour   16.8   26.5    0.0    5.0   11.1
## 9874   2011-03-27   CoffsHarbour   18.5   24.7    0.0    7.8    7.5
## 9875   2011-03-28   CoffsHarbour   17.3   25.1    2.0    6.0    8.2
## 9877   2011-03-30   CoffsHarbour   18.0   26.3   15.6    3.0    7.4
## 9879   2011-05-01   CoffsHarbour   15.4   23.4    2.6    3.0    8.1
## 9880   2011-05-02   CoffsHarbour   12.8   22.6    0.0    2.4    6.5
## 9881   2011-05-03   CoffsHarbour   12.3   22.2    0.0    2.6    7.6
## 9882   2011-05-04   CoffsHarbour   14.7   23.5   17.8    2.8    9.5
## 9883   2011-05-05   CoffsHarbour   16.0   22.3    0.0    3.4    9.4
## 9884   2011-05-06   CoffsHarbour   14.6   22.0    0.0    5.0    8.9
## 9885   2011-05-07   CoffsHarbour    8.9   21.7    0.0    4.0    9.9
## 9886   2011-05-08   CoffsHarbour   11.2   22.6    0.0    2.6    1.8
## 9887   2011-05-09   CoffsHarbour   12.2   21.2    0.0    1.4    4.7
## 9888   2011-05-10   CoffsHarbour   12.1   19.8    3.6    1.2    7.4
## 9889   2011-05-11   CoffsHarbour    5.2   19.3    0.0    3.4   10.1
## 9890   2011-05-12   CoffsHarbour    5.9   19.6    0.0    2.8    9.9
## 9891   2011-05-13   CoffsHarbour    5.1   21.6    0.0    2.6    9.9
## 9892   2011-05-14   CoffsHarbour    6.4   19.5    0.0    2.4   10.0
## 9893   2011-05-15   CoffsHarbour    9.2   19.9    0.0    2.8   10.0
## 9894   2011-05-16   CoffsHarbour    6.5   20.2    0.0    2.0   10.1
## 9895   2011-05-17   CoffsHarbour    6.2   21.0    0.0    2.4    9.2
## 9896   2011-05-18   CoffsHarbour   11.8   21.6    0.8    3.0    7.2
## 9897   2011-05-19   CoffsHarbour   13.7   21.7   17.8    2.0    8.8
## 9898   2011-05-20   CoffsHarbour   10.4   21.1    0.0    2.8    1.6
## 9899   2011-05-21   CoffsHarbour   11.3   22.2    8.8    1.6    8.4
## 9900   2011-05-22   CoffsHarbour   11.2   20.6    0.0    2.0    0.3
## 9901   2011-05-23   CoffsHarbour   16.1   18.8    0.6    1.4    0.0
## 9902   2011-05-24   CoffsHarbour   10.5   21.8    5.0    0.4    8.2
## 9903   2011-05-25   CoffsHarbour    8.8   17.8    0.4    2.0    6.2
## 9904   2011-05-26   CoffsHarbour   12.2   19.7    1.8    3.4    9.3
## 9905   2011-05-27   CoffsHarbour    8.9   20.6    0.0    2.4    9.5
## 9906   2011-05-28   CoffsHarbour   12.6   19.5    0.0    3.0    7.3
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## 9907   2011-05-29   CoffsHarbour    8.5   19.4    0.0   1.6    8.2
## 9908   2011-05-30   CoffsHarbour   11.2   14.2   26.2   3.2    0.0
## 9909   2011-05-31   CoffsHarbour    5.8   19.4    6.6   1.4    8.2
## 9910   2011-06-01   CoffsHarbour   13.6   20.1   36.8   6.8    2.2
## 9911   2011-06-02   CoffsHarbour   15.0   19.1   15.2   2.6    4.3
## 9912   2011-06-03   CoffsHarbour   10.5   20.9    5.5   2.0    9.5
## 9913   2011-06-04   CoffsHarbour    7.5   21.5    0.0   1.8    9.6
## 9914   2011-06-05   CoffsHarbour    8.9   20.1    0.0   1.6    7.2
## 9915   2011-06-06   CoffsHarbour    9.7   20.1    0.0   1.2    9.9
## 9916   2011-06-07   CoffsHarbour    5.3   19.1    0.0   2.2    3.8
## 9920   2011-06-11   CoffsHarbour    7.2   16.6    0.0   4.8    0.0
## 9921   2011-06-12   CoffsHarbour   12.6   15.6   25.2   1.8    0.0
## 9924   2011-06-15   CoffsHarbour   11.8   19.3   27.4   3.4    4.6
## 9928   2011-06-19   CoffsHarbour    6.2   19.2    0.0   2.0    9.7
## 9929   2011-06-20   CoffsHarbour    4.3   18.1    0.0   1.6    9.5
## 9930   2011-06-21   CoffsHarbour    5.3   21.0    0.0   1.6    9.5
## 9931   2011-06-22   CoffsHarbour    8.0   17.9    0.0   2.4    9.4
## 9932   2011-06-23   CoffsHarbour    2.7   19.3    0.0   1.8    9.4
## 9933   2011-06-24   CoffsHarbour    5.6   18.7    0.0   1.6    3.4
## 9937   2011-06-28   CoffsHarbour    8.5   17.1    0.8   5.0    0.2
## 9938   2011-06-29   CoffsHarbour   12.8   18.4    7.4   0.8    1.7
## 9939   2011-06-30   CoffsHarbour   12.4   17.5    5.8   1.8    1.6
## 9941   2011-07-02   CoffsHarbour   12.6   18.6   20.2   2.2    9.2
## 9942   2011-07-03   CoffsHarbour   10.3   21.1    1.6   2.0    6.8
## 9943   2011-07-04   CoffsHarbour    8.6   23.3    0.0   1.6    9.6
## 9944   2011-07-05   CoffsHarbour   11.2   20.6    0.0   2.0    9.6
## 9945   2011-07-06   CoffsHarbour    3.3   17.0    0.0   3.2    9.6
## 9946   2011-07-07   CoffsHarbour    7.2   20.0    0.0   2.0    9.6
## 9948   2011-07-09   CoffsHarbour    0.6   18.7    0.0   1.8    9.6
## 9949   2011-07-10   CoffsHarbour    0.8   17.5    0.0   1.6    9.5
## 9950   2011-07-11   CoffsHarbour    2.5   20.7    0.0   1.2    9.7
## 9951   2011-07-12   CoffsHarbour    1.7   17.9    0.0   1.6    9.7
## 9952   2011-07-13   CoffsHarbour    3.5   16.6    0.0   1.8    0.5
## 9953   2011-07-14   CoffsHarbour    9.3   16.1    1.4   0.2    2.4
## 9954   2011-07-15   CoffsHarbour   10.1   16.4    0.0   1.6    2.1
## 9955   2011-07-16   CoffsHarbour   10.9   14.8    5.2   7.6    0.2
## 9956   2011-07-17   CoffsHarbour    9.7   18.2    4.6   1.2    8.2
## 9957   2011-07-18   CoffsHarbour    9.2   19.2    1.0   1.2    8.0
## 9958   2011-07-19   CoffsHarbour    5.9   17.9    0.0   1.8    8.9
## 9959   2011-07-20   CoffsHarbour    6.2   20.8    0.2   2.0    7.3
## 9960   2011-07-21   CoffsHarbour   14.3   20.5    0.0   4.4    9.8
## 9962   2011-07-23   CoffsHarbour   13.0   18.4    0.0   2.8    8.7
## 9963   2011-07-24   CoffsHarbour    9.9   17.7    0.0   3.8    8.7
## 9964   2011-07-25   CoffsHarbour    4.9   19.7    0.0   2.8    8.8
## 9965   2011-07-26   CoffsHarbour   10.0   20.9    0.0   2.2    9.4
## 9966   2011-07-27   CoffsHarbour    4.9   18.1    0.0   2.4    9.8
## 9967   2011-07-28   CoffsHarbour    6.7   18.6    0.0   2.6    8.9
## 9968   2011-07-29   CoffsHarbour    5.1   19.1    0.0   2.2   10.1
## 9969   2011-07-30   CoffsHarbour    6.0   19.4    0.0   2.2    7.8
## 9970   2011-07-31   CoffsHarbour    7.9   20.6    0.0   1.8    9.4
## 9971   2011-08-01   CoffsHarbour    5.6   19.7    0.0   2.0   10.0
## 9972   2011-08-02   CoffsHarbour    6.6   20.8    0.0   1.6    9.5
## 9973   2011-08-03   CoffsHarbour    8.5   21.3    0.0   2.0   10.2
## 9974   2011-08-04   CoffsHarbour    8.6   21.7    0.0   2.6   10.0
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## 9975  2011-08-05  CoffsHarbour  10.6  22.1   0.0  2.6  10.0
## 9976  2011-08-06  CoffsHarbour  10.8  23.3   0.0  2.8   6.8
## 9977  2011-08-07  CoffsHarbour  12.7  22.5   0.0  2.6   8.7
## 9978  2011-08-08  CoffsHarbour  10.8  20.0  19.6  4.2   8.1
## 9979  2011-08-09  CoffsHarbour   6.2  17.7   0.0  3.2   5.7
## 9980  2011-08-10  CoffsHarbour   3.2  17.4   3.4  1.6   9.4
## 9982  2011-08-12  CoffsHarbour   7.2  20.2   0.0  2.6   9.7
## 9984  2011-08-14  CoffsHarbour   9.6  20.0   0.0  3.6   5.5
## 9985  2011-08-15  CoffsHarbour   6.3  19.1   1.8  1.8  10.2
## 9986  2011-08-16  CoffsHarbour   9.4  19.4   0.0  2.4   7.6
## 9987  2011-08-17  CoffsHarbour  11.1  17.4   1.6  2.2   0.5
## 9988  2011-08-18  CoffsHarbour  14.6  19.0   0.8  1.4   6.7
## 9989  2011-08-19  CoffsHarbour   4.2  18.2   0.0  2.0   9.3
## 9990  2011-08-20  CoffsHarbour   7.5  19.6   0.8  2.2   6.3
## 9991  2011-08-21  CoffsHarbour  12.0  19.5  52.4  5.8   3.7
## 9992  2011-08-22  CoffsHarbour  11.8  19.3   4.4  2.8   4.8
## 9993  2011-08-23  CoffsHarbour  12.6  17.9  20.2  4.2   0.7
## 9994  2011-08-24  CoffsHarbour  13.1  20.2  19.0  2.0   8.3
## 9995  2011-08-25  CoffsHarbour  11.9  20.3   0.0  2.8   8.3
## 9996  2011-08-26  CoffsHarbour   9.2  21.7   0.0  3.0  10.8
## 9997  2011-08-27  CoffsHarbour  12.0  17.4   0.2  3.4   0.7
## 9998  2011-08-28  CoffsHarbour  12.2  20.9  25.0  0.6  10.7
## 9999  2011-08-29  CoffsHarbour  11.1  22.7   0.0  2.4   9.6
## 10000 2011-08-30  CoffsHarbour  11.7  20.7   4.0  2.2   0.2
## 10003 2011-09-02  CoffsHarbour  12.5  19.9   6.6  3.6   9.9
## 10004 2011-09-03  CoffsHarbour  11.9  19.4   0.2  4.2   8.6
## 10005 2011-09-04  CoffsHarbour  10.3  20.7   0.0  3.8   8.2
## 10006 2011-09-05  CoffsHarbour  10.2  20.8   0.0  4.0  10.9
## 10007 2011-09-06  CoffsHarbour  11.2  22.5   0.0  3.0  10.6
## 10008 2011-09-07  CoffsHarbour  11.6  24.9   0.0  4.0   8.7
## 10009 2011-09-08  CoffsHarbour  10.9  21.7   0.0  2.8   7.2
## 10010 2011-09-09  CoffsHarbour  15.4  18.2   1.0  3.8   2.4
## 10011 2011-09-10  CoffsHarbour   8.6  19.0   3.0  1.4  10.3
## 10012 2011-09-11  CoffsHarbour   6.0  19.4   0.0  4.2  10.5
## 10013 2011-09-12  CoffsHarbour   7.2  19.0   0.0  4.2   8.1
## 10014 2011-09-13  CoffsHarbour   6.6  20.6   0.6  3.4  11.0
## 10015 2011-09-14  CoffsHarbour   6.1  22.2   0.0  4.0  11.1
## 10018 2011-09-17  CoffsHarbour  11.7  28.6   0.0  4.8  11.2
## 10019 2011-09-18  CoffsHarbour  10.2  32.2   0.0  5.0   9.8
## 10020 2011-09-19  CoffsHarbour  15.4  23.6   0.0  6.0   9.8
## 10021 2011-09-20  CoffsHarbour  13.0  29.4   0.0  3.0  10.8
## 10022 2011-09-21  CoffsHarbour  10.7  21.2   0.0  6.4  11.2
## 10023 2011-09-22  CoffsHarbour   9.3  23.1   0.0  5.4  11.2
## 10024 2011-09-23  CoffsHarbour  12.1  27.8   0.0  5.2   9.8
## 10025 2011-09-24  CoffsHarbour  12.9  22.4   0.0  2.4   4.2
## 10026 2011-09-25  CoffsHarbour  16.0  19.2   5.4  3.2   1.6
## 10027 2011-09-26  CoffsHarbour  12.9  20.8   9.0  3.0   8.9
## 10028 2011-09-27  CoffsHarbour  10.3  20.6   1.2  5.0   9.8
## 10029 2011-09-28  CoffsHarbour  10.3  22.3   0.0  4.0   6.8
## 10030 2011-09-29  CoffsHarbour  15.9  21.0   1.4  2.8   4.0
## 10031 2011-09-30  CoffsHarbour   8.2  21.6   0.8  2.8  11.0
## 10032 2011-10-01  CoffsHarbour   8.0  20.8   0.0  5.4   4.8
## 10033 2011-10-02  CoffsHarbour  10.8  18.4  11.6  2.6   3.7
## 10034 2011-10-03  CoffsHarbour  11.4  18.9  21.6  3.2   7.0
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## 10035 2011-10-04  CoffsHarbour  11.7  21.2   0.0   4.0  10.6
## 10036 2011-10-05  CoffsHarbour   9.6  19.9   0.0   5.8   6.9
## 10037 2011-10-06  CoffsHarbour  12.7  20.4   0.0   3.2   0.6
## 10038 2011-10-07  CoffsHarbour  13.3  21.1   0.0   0.2   7.9
## 10039 2011-10-08  CoffsHarbour  13.9  22.4   1.6   3.4   2.5
## 10040 2011-10-09  CoffsHarbour  11.5  22.9   5.8   2.4  10.3
## 10041 2011-10-10  CoffsHarbour  12.0  22.1   0.0   3.8  10.4
## 10042 2011-10-11  CoffsHarbour   9.9  23.7   0.0   4.4  11.2
## 10043 2011-10-12  CoffsHarbour  11.6  23.0   0.0   5.2   9.2
## 10044 2011-10-13  CoffsHarbour  16.5  19.4  34.2   6.4   0.6
## 10045 2011-10-14  CoffsHarbour  15.7  21.1  55.0   2.8   4.4
## 10046 2011-10-15  CoffsHarbour  16.9  21.4   3.8   1.8   0.2
## 10047 2011-10-16  CoffsHarbour  12.5  25.2   0.2   0.4  12.2
## 10048 2011-10-17  CoffsHarbour  15.9  21.9   9.8   5.4   7.5
## 10049 2011-10-18  CoffsHarbour  14.6  20.6   0.0   5.4   2.1
## 10050 2011-10-19  CoffsHarbour  13.1  21.4   0.6   3.0  11.0
## 10051 2011-10-20  CoffsHarbour  10.6  22.4   0.0   5.4  11.6
## 10052 2011-10-21  CoffsHarbour  13.2  23.3   0.0   3.8  11.8
## 10053 2011-10-22  CoffsHarbour  13.4  24.0   0.0   5.8  12.0
## 10054 2011-10-23  CoffsHarbour  13.9  23.9   0.0   5.4  11.4
## 10055 2011-10-24  CoffsHarbour  13.9  25.7   0.0   5.4  12.1
## 10056 2011-10-25  CoffsHarbour  16.2  29.4   0.0   7.2   9.4
## 10057 2011-10-26  CoffsHarbour  17.2  19.4  19.0   3.6   0.6
## 10058 2011-10-27  CoffsHarbour  14.6  20.5   8.2   1.8   0.0
## 10059 2011-10-28  CoffsHarbour  15.7  23.7   6.6   1.6   4.7
## 10060 2011-10-29  CoffsHarbour  15.3  26.1   0.0   3.6   9.4
## 10061 2011-10-30  CoffsHarbour  17.7  26.5   0.0   5.0   8.2
## 10062 2011-10-31  CoffsHarbour  17.5  22.7   2.6   4.4  10.1
## 10063 2011-11-01  CoffsHarbour  15.3  22.4   0.0   7.0   7.9
## 10064 2011-11-02  CoffsHarbour  14.8  24.6   0.0   5.4  12.3
## 10065 2011-11-03  CoffsHarbour  17.2  23.4   0.0   5.0   7.4
## 10066 2011-11-04  CoffsHarbour  16.5  22.7   2.2   4.4   0.3
## 10067 2011-11-05  CoffsHarbour  15.0  24.3   0.0   1.4  10.5
## 10068 2011-11-06  CoffsHarbour  15.7  27.2   0.0   6.2  10.1
## 10069 2011-11-07  CoffsHarbour  19.5  27.5   0.0   5.4   4.5
## 10070 2011-11-08  CoffsHarbour  17.7  27.1   0.0   4.0  11.9
## 10071 2011-11-09  CoffsHarbour  18.9  28.8   0.0   7.0   8.6
## 10072 2011-11-10  CoffsHarbour  18.3  31.5   0.0   5.0   7.7
## 10073 2011-11-11  CoffsHarbour  18.7  23.7   0.0   5.2   2.2
## 10074 2011-11-12  CoffsHarbour  18.4  24.7   0.0   4.4   5.1
## 10075 2011-11-13  CoffsHarbour  20.0  24.7   0.6   3.0   1.8
## 10076 2011-11-14  CoffsHarbour  18.1  27.3  14.6   2.6  10.9
## 10077 2011-11-15  CoffsHarbour  17.6  25.1   0.0   5.2   9.0
## 10078 2011-11-16  CoffsHarbour  18.2  29.0   0.0   5.0   8.1
## 10079 2011-11-17  CoffsHarbour  20.6  24.9   0.0   5.0   3.5
## 10080 2011-11-18  CoffsHarbour  18.8  27.9   0.0   3.8   3.8
## 10081 2011-11-19  CoffsHarbour  19.1  28.2   0.2   4.0  13.0
## 10082 2011-11-20  CoffsHarbour  21.0  30.0   0.0   8.0  11.9
## 10083 2011-11-21  CoffsHarbour  21.2  26.9   0.0   7.2  10.1
## 10085 2011-11-23  CoffsHarbour  18.9  23.6   0.0   6.8   1.6
## 10086 2011-11-24  CoffsHarbour  17.1  22.0  56.8   7.0   0.0
## 10087 2011-11-25  CoffsHarbour  18.0  24.4  59.0   4.0   0.0
## 10088 2011-11-26  CoffsHarbour  20.9  27.5  23.8   2.6   3.2
## 10089 2011-11-27  CoffsHarbour  17.9  33.6   0.6   1.0  13.2
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## 10090 2011-11-28  CoffsHarbour  19.6  25.9   0.0  7.2  13.8
## 10091 2011-11-29  CoffsHarbour  21.5  27.2   0.2  6.4   7.2
## 10092 2011-11-30  CoffsHarbour  21.2  27.6   0.0  4.8  11.2
## 10093 2011-12-01  CoffsHarbour  19.6  20.1   0.0  7.4   0.0
## 10094 2011-12-02  CoffsHarbour  15.6  23.2   5.4  2.2   8.6
## 10095 2011-12-03  CoffsHarbour  14.9  22.3   0.4  6.8   7.4
## 10096 2011-12-04  CoffsHarbour  13.3  25.2   0.0  5.4  12.7
## 10097 2011-12-05  CoffsHarbour  14.9  19.6   2.4  6.4   0.7
## 10098 2011-12-06  CoffsHarbour  15.2  20.2   0.6  4.4   0.0
## 10099 2011-12-07  CoffsHarbour  13.1  22.8   0.6  2.4   0.0
## 10100 2011-12-08  CoffsHarbour  16.6  24.4  42.6  0.4   8.6
## 10101 2011-12-09  CoffsHarbour  16.6  24.0   0.0  5.4   7.6
## 10103 2011-12-11  CoffsHarbour  16.6  25.3   3.4  1.6   6.9
## 10105 2011-12-13  CoffsHarbour  14.9  24.0   4.8  2.6   9.0
## 10106 2011-12-14  CoffsHarbour  17.5  23.6   0.0  6.2   5.7
## 10107 2011-12-15  CoffsHarbour  15.6  22.4   2.6  5.8   1.1
## 10108 2011-12-16  CoffsHarbour  16.0  24.2   0.0  4.0   9.5
## 10109 2011-12-17  CoffsHarbour  16.1  23.7   0.0  6.6  10.0
## 10110 2011-12-18  CoffsHarbour  13.4  23.8   0.0  7.4   8.4
## 10111 2011-12-19  CoffsHarbour  16.6  27.2   0.0  5.2   8.1
## 10112 2011-12-20  CoffsHarbour  19.6  27.5   0.0  5.2   7.8
## 10113 2011-12-21  CoffsHarbour  19.7  25.9   0.6  5.2   7.3
## 10114 2011-12-22  CoffsHarbour  19.3  24.8  13.8  6.2   4.7
## 10115 2011-12-23  CoffsHarbour  17.9  26.4   0.8  3.6   4.7
## 10116 2011-12-24  CoffsHarbour  19.0  26.0   5.0  5.6   8.2
## 10117 2011-12-25  CoffsHarbour  17.7  26.1   7.2  5.2  10.9
## 10118 2011-12-26  CoffsHarbour  16.4  25.9   0.0  6.6  11.4
## 10119 2011-12-27  CoffsHarbour  19.6  27.7   0.0  5.8  10.4
## 10120 2011-12-28  CoffsHarbour  17.6  25.8   1.0  8.2  10.1
## 10121 2011-12-29  CoffsHarbour  18.1  25.5   0.0  7.8  10.0
## 10122 2011-12-30  CoffsHarbour  17.8  25.9   0.0  8.0  11.9
## 10123 2011-12-31  CoffsHarbour  17.1  24.4   8.8  8.0   1.4
## 10124 2012-01-01  CoffsHarbour  16.9  25.4   1.2  3.0  11.8
## 10125 2012-01-02  CoffsHarbour  15.7  25.8   0.0  6.4  11.6
## 10126 2012-01-03  CoffsHarbour  17.0  26.3   0.0  7.0  12.3
## 10127 2012-01-04  CoffsHarbour  19.6  28.6   0.0  7.4  10.0
## 10128 2012-01-05  CoffsHarbour  21.3  26.5   0.6  7.6   6.4
## 10129 2012-01-06  CoffsHarbour  18.4  27.6   0.0  5.0  10.6
## 10130 2012-01-07  CoffsHarbour  18.3  26.1   0.0  7.6   9.0
## 10131 2012-01-08  CoffsHarbour  21.4  29.2   0.0  5.8  12.8
## 10132 2012-01-09  CoffsHarbour  23.5  30.8   2.0  7.2   6.1
## 10133 2012-01-10  CoffsHarbour  21.1  27.7   2.6  4.2   9.6
## 10134 2012-01-11  CoffsHarbour  19.5  31.8   0.0  6.6   9.1
## 10135 2012-01-12  CoffsHarbour  17.0  24.6   0.0  8.0  12.3
## 10136 2012-01-13  CoffsHarbour  15.7  25.2   0.4  8.8   9.8
## 10137 2012-01-14  CoffsHarbour  17.8  26.7   0.0  7.0   4.2
## 10138 2012-01-15  CoffsHarbour  18.0  25.2   0.0  4.0   1.5
## 10139 2012-01-16  CoffsHarbour  18.5  25.8  11.6  2.0   8.4
## 10140 2012-01-17  CoffsHarbour  19.3  25.0  10.4  6.0   1.4
## 10141 2012-01-18  CoffsHarbour  20.0  26.6  62.4  4.9   9.0
## 10142 2012-01-19  CoffsHarbour  21.0  27.7   0.0  7.0  11.3
## 10143 2012-01-20  CoffsHarbour  20.4  27.5   0.6  7.2  11.2
## 10144 2012-01-21  CoffsHarbour  19.9  27.2   0.0  5.2   7.4
## 10145 2012-01-22  CoffsHarbour  19.7  26.4   0.0  5.0   5.4
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## 10146 2012-01-23   CoffsHarbour    20.0   24.4    28.0    5.2    0.2
## 10147 2012-01-24   CoffsHarbour    20.6   25.8    12.0    3.0    0.1
## 10148 2012-01-25   CoffsHarbour    21.3   23.5    31.6    2.8    0.1
## 10150 2012-01-27   CoffsHarbour    21.1   25.3   112.0    3.6    0.0
## 10151 2012-01-28   CoffsHarbour    20.4   25.0    11.0    2.0    0.0
## 10152 2012-01-29   CoffsHarbour    19.9   26.1     6.2    2.2    1.1
## 10153 2012-01-30   CoffsHarbour    21.4   26.8     3.8    2.8    0.0
## 10154 2012-01-31   CoffsHarbour    23.2   30.8     0.2    2.0    5.5
## 10156 2012-02-02   CoffsHarbour    19.6   26.7    19.2    1.6    9.8
## 10157 2012-02-03   CoffsHarbour    18.7   25.2     0.8    5.2    3.0
## 10158 2012-02-04   CoffsHarbour    17.3   26.9     0.0    2.0   10.7
## 10159 2012-02-05   CoffsHarbour    17.6   26.8     0.2    5.4   11.3
## 10160 2012-02-06   CoffsHarbour    18.6   28.0     0.0    6.6   10.7
## 10161 2012-02-07   CoffsHarbour    22.6   27.5     1.4    4.2    7.5
## 10162 2012-02-08   CoffsHarbour    20.0   27.1    12.8    6.2    6.5
## 10163 2012-02-09   CoffsHarbour    20.1   26.6    14.4    5.2    9.3
## 10164 2012-02-10   CoffsHarbour    18.0   26.0     0.2    7.0    9.2
## 10165 2012-02-11   CoffsHarbour    19.7   28.2     3.8    4.4    5.0
## 10166 2012-02-12   CoffsHarbour    18.1   26.7    18.0    4.2    9.1
## 10167 2012-02-13   CoffsHarbour    18.7   26.6    45.2    9.6    7.2
## 10168 2012-02-14   CoffsHarbour    17.8   25.8     0.2    5.6   11.9
## 10169 2012-02-15   CoffsHarbour    19.2   26.4     0.4    5.6   10.2
## 10170 2012-02-16   CoffsHarbour    17.2   25.8     0.0    6.0   11.4
## 10171 2012-02-17   CoffsHarbour    17.2   26.3     0.4    5.6   11.0
## 10172 2012-02-18   CoffsHarbour    16.7   27.4     0.0    5.0   10.3
## 10173 2012-02-19   CoffsHarbour    17.2   27.2     0.0    7.0   10.1
## 10174 2012-02-20   CoffsHarbour    20.6   28.9     0.0    4.4    9.8
## 10175 2012-02-21   CoffsHarbour    21.0   27.6    40.4    9.4    6.0
## 10176 2012-02-22   CoffsHarbour    19.8   25.9     0.4    5.0    6.5
## 10177 2012-02-23   CoffsHarbour    19.4   25.9     0.0    4.0    8.9
## 10178 2012-02-24   CoffsHarbour    17.6   26.5     0.0    5.0    9.4
## 10179 2012-02-25   CoffsHarbour    19.3   27.4     0.4    5.8    5.9
## 10180 2012-02-26   CoffsHarbour    19.6   27.4     0.2    4.2    6.5
## 10181 2012-02-27   CoffsHarbour    18.9   27.4     0.0    5.7    4.9
## 10182 2012-02-28   CoffsHarbour    21.4   30.2     0.0    2.6   11.0
## 10183 2012-02-29   CoffsHarbour    20.3   30.9     0.0    6.2   10.6
## 10185 2012-03-02   CoffsHarbour    19.9   25.5     0.0    7.2    4.5
## 10186 2012-03-03   CoffsHarbour    19.0   22.8    20.8    4.8    0.9
## 10187 2012-03-04   CoffsHarbour    19.3   26.5     4.4    0.2    2.8
## 10188 2012-03-05   CoffsHarbour    22.4   30.5     0.4    2.2    6.6
## 10189 2012-03-06   CoffsHarbour    18.7   23.3     5.8    5.0    0.9
## 10190 2012-03-07   CoffsHarbour    17.9   24.3     3.8    2.4    9.1
## 10191 2012-03-08   CoffsHarbour    13.4   26.8     0.0    5.4   11.3
## 10192 2012-03-09   CoffsHarbour    14.3   27.2     0.0    4.8   11.7
## 10193 2012-03-10   CoffsHarbour    14.6   27.0     0.0    5.8   10.9
## 10194 2012-03-11   CoffsHarbour    19.6   25.3    10.2    6.0    6.4
## 10195 2012-03-12   CoffsHarbour    17.7   22.2     0.0    4.0    0.7
## 10197 2012-03-14   CoffsHarbour    18.0   25.4    12.8    3.0    5.5
## 10199 2012-03-16   CoffsHarbour    19.3   26.9    17.4    1.4   10.2
## 10200 2012-03-17   CoffsHarbour    19.8   27.3     0.0    5.2    1.5
## 10201 2012-03-18   CoffsHarbour    20.2   25.3     0.4    2.4    7.7
## 10202 2012-03-19   CoffsHarbour    17.3   25.0     6.2    6.2    5.2
## 10203 2012-03-20   CoffsHarbour    20.5   26.2    11.2    3.4    7.1
## 10204 2012-03-21   CoffsHarbour    19.5   23.3     9.6    4.0    0.4
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## 10205 2012-03-22  CoffsHarbour   19.5   25.2    2.6    2.2    0.7
## 10206 2012-03-23  CoffsHarbour   19.4   28.4    0.6    1.6    9.1
## 10207 2012-03-24  CoffsHarbour   16.0   23.3    0.0    6.0    9.8
## 10208 2012-03-25  CoffsHarbour   17.4   24.9    0.0    6.0    8.8
## 10209 2012-03-26  CoffsHarbour   17.4   24.0   16.8    3.8    6.0
## 10210 2012-03-27  CoffsHarbour   14.9   24.9    1.0    1.6    8.3
## 10211 2012-03-28  CoffsHarbour   17.0   24.7    3.4    5.2    3.0
## 10212 2012-03-29  CoffsHarbour   14.3   24.7    0.4    1.8    9.6
## 10213 2012-03-30  CoffsHarbour   16.0   25.0    0.0    3.6    9.0
## 10214 2012-03-31  CoffsHarbour   16.1   25.0    4.4    4.4   10.7
## 10215 2012-04-01  CoffsHarbour   16.6   25.7    0.0    4.8   11.0
## 10216 2012-04-02  CoffsHarbour   18.2   26.1    0.0    6.0   10.3
## 10217 2012-04-03  CoffsHarbour   14.9   26.5    1.0    4.4   10.3
## 10218 2012-04-04  CoffsHarbour   15.3   25.4    0.0    5.0    9.5
## 10219 2012-04-05  CoffsHarbour   15.4   25.6    0.0    3.2    9.5
## 10220 2012-04-06  CoffsHarbour   16.2   24.9    0.0    4.8    9.8
## 10221 2012-04-07  CoffsHarbour   14.5   26.6    0.0    4.0    8.4
## 10222 2012-04-08  CoffsHarbour   18.2   26.3    0.0    3.4    8.5
## 10223 2012-04-09  CoffsHarbour   18.3   27.0    0.0    4.2    7.0
## 10224 2012-04-10  CoffsHarbour   14.6   21.0    4.4    4.8   10.8
## 10225 2012-04-11  CoffsHarbour   14.8   22.2    0.0    7.0    8.6
## 10226 2012-04-12  CoffsHarbour   14.5   22.7    3.8    4.4    6.8
## 10227 2012-04-13  CoffsHarbour   15.1   23.3    1.0    3.0    6.2
## 10228 2012-04-14  CoffsHarbour   17.9   23.5    2.8    2.8    4.6
## 10229 2012-04-15  CoffsHarbour   17.2   23.8   14.4    2.4    2.8
## 10230 2012-04-16  CoffsHarbour   17.7   24.8    0.4    2.2    7.0
## 10231 2012-04-17  CoffsHarbour   17.5   19.8   18.4    4.2    0.0
## 10232 2012-04-18  CoffsHarbour   16.6   22.7   45.8    1.8    4.3
## 10233 2012-04-19  CoffsHarbour   17.7   24.4   19.6    0.8    4.1
## 10234 2012-04-20  CoffsHarbour   17.9   25.9    6.4    2.0    3.2
## 10236 2012-04-22  CoffsHarbour   15.0   25.4    0.0    2.6    7.7
## 10237 2012-04-23  CoffsHarbour   17.1   28.4    0.0    1.8    8.0
## 10242 2012-04-28  CoffsHarbour   15.8   19.7    6.2    1.0    0.2
## 10243 2012-04-29  CoffsHarbour   15.7   23.3   10.0    1.4    4.3
## 10244 2012-04-30  CoffsHarbour   15.3   21.3   14.0    3.6    5.5
## 10245 2012-05-01  CoffsHarbour   13.7   21.8    4.6    2.8    2.3
## 10246 2012-05-02  CoffsHarbour   12.9   22.6    1.2    1.6    5.5
## 10247 2012-05-03  CoffsHarbour   15.3   24.5    0.6    2.2    3.6
## 10248 2012-05-04  CoffsHarbour   13.9   21.8    6.8    1.2    4.3
## 10249 2012-05-05  CoffsHarbour   14.8   22.2    0.0    2.8   10.0
## 10250 2012-05-06  CoffsHarbour    9.2   22.2    0.0    3.2   10.4
## 10251 2012-05-07  CoffsHarbour    8.7   21.2    0.0    3.2    7.9
## 10252 2012-05-08  CoffsHarbour   10.1   21.4    0.0    1.8   10.4
## 10253 2012-05-09  CoffsHarbour    9.1   23.0    0.0    2.8   10.2
## 10255 2012-05-11  CoffsHarbour   11.6   24.9    0.0    2.0   10.2
## 10256 2012-05-12  CoffsHarbour   11.0   25.7    0.0    2.0    8.9
## 10257 2012-05-13  CoffsHarbour    8.3   21.3    4.6    2.2   10.1
## 10258 2012-05-14  CoffsHarbour    7.9   18.7    0.0    3.2    9.8
## 10259 2012-05-15  CoffsHarbour    6.8   20.3    0.0    3.2   10.1
## 10260 2012-05-16  CoffsHarbour    6.9   21.1    0.0    2.8    7.2
## 10261 2012-05-17  CoffsHarbour    9.0   20.8    2.8    2.2    8.6
## 10262 2012-05-18  CoffsHarbour    8.1   21.1    0.0    2.0    9.7
## 10263 2012-05-19  CoffsHarbour    8.3   21.7    0.0    2.2    9.7
## 10264 2012-05-20  CoffsHarbour    8.6   21.2    0.0    1.6    9.5
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## 10265 2012-05-21  CoffsHarbour    9.0  21.3   0.0   3.0   8.5
## 10266 2012-05-22  CoffsHarbour   11.7  23.1   0.0   1.4   8.5
## 10268 2012-05-24  CoffsHarbour   13.5  23.9   0.0   2.0   7.4
## 10269 2012-05-25  CoffsHarbour   18.2  19.6   0.2   2.2   0.0
## 10270 2012-05-26  CoffsHarbour    5.9  19.2   1.0   1.2  10.0
## 10271 2012-05-27  CoffsHarbour    5.7  18.7   0.0   2.2   9.8
## 10272 2012-05-28  CoffsHarbour   11.1  20.0   0.0   2.6   7.0
## 10273 2012-05-29  CoffsHarbour   13.6  20.2   1.0   3.4   5.9
## 10274 2012-05-30  CoffsHarbour   13.6  17.0  20.4   2.6   1.0
## 10276 2012-06-01  CoffsHarbour   10.5  20.3   1.0   0.4   6.9
## 10277 2012-06-02  CoffsHarbour   11.6  19.6   0.0   2.2   0.1
## 10278 2012-06-03  CoffsHarbour   14.8  20.1   1.6   1.0   0.7
## 10279 2012-06-04  CoffsHarbour   12.1  21.4  15.0   1.8   8.4
## 10280 2012-06-05  CoffsHarbour    7.2  16.7   0.0   2.2   7.8
## 10281 2012-06-06  CoffsHarbour    5.9  18.2   0.0   2.2   7.0
## 10282 2012-06-07  CoffsHarbour   12.6  18.8   0.0   3.0   8.5
## 10283 2012-06-08  CoffsHarbour    8.2  18.1   0.0   2.6   9.5
## 10284 2012-06-09  CoffsHarbour    6.9  18.0   0.0   2.2   9.0
## 10285 2012-06-10  CoffsHarbour    8.9  15.8   0.0   2.2   0.0
## 10286 2012-06-11  CoffsHarbour   12.0  14.8  28.0   2.4   0.0
## 10287 2012-06-12  CoffsHarbour   13.0  18.4  51.8   1.4   3.0
## 10288 2012-06-13  CoffsHarbour   13.6  18.3  30.0   2.8   3.6
## 10289 2012-06-14  CoffsHarbour   13.2  19.9   1.6   0.0   9.1
## 10290 2012-06-15  CoffsHarbour    7.9  22.2   0.0   1.6   9.4
## 10292 2012-06-17  CoffsHarbour    9.0  20.8   0.0   1.6   9.5
## 10293 2012-06-18  CoffsHarbour    5.1  19.1   0.0   2.4   9.5
## 10294 2012-06-19  CoffsHarbour    6.3  18.1   0.0   1.6   9.5
## 10295 2012-06-20  CoffsHarbour    4.8  18.7   0.0   1.4   9.4
## 10300 2012-06-25  CoffsHarbour    2.4  19.5   0.0   1.4   9.5
## 10301 2012-06-26  CoffsHarbour    4.8  18.5   0.0   1.6   1.5
## 10307 2012-07-02  CoffsHarbour    3.5  18.3   0.0   2.0   9.7
## 10308 2012-07-03  CoffsHarbour    3.0  17.0   0.0   2.0   9.5
## 10309 2012-07-04  CoffsHarbour    2.9  17.5   0.0   1.8   8.4
## 10313 2012-07-08  CoffsHarbour    8.1  17.9   1.0   1.6   9.2
## 10314 2012-07-09  CoffsHarbour    8.0  18.4   0.0   2.0   4.9
## 10315 2012-07-10  CoffsHarbour   11.9  18.9   8.4   1.8   0.8
## 10316 2012-07-11  CoffsHarbour   13.9  22.7   0.8   0.2   7.2
## 10321 2012-07-16  CoffsHarbour    4.2  16.8   0.0   2.4   9.9
## 10323 2012-07-18  CoffsHarbour    9.5  18.3   1.8   1.4   1.4
## 10325 2012-07-20  CoffsHarbour   11.2  18.7   0.0   3.6   7.0
## 10327 2012-07-22  CoffsHarbour   12.3  17.2   0.0   4.8   2.1
## 10328 2012-07-23  CoffsHarbour   12.1  18.0   1.4   1.2   4.2
## 10329 2012-07-24  CoffsHarbour   11.2  18.9   4.4   2.4   5.3
## 10330 2012-07-25  CoffsHarbour    9.5  18.9   0.6   2.2   9.5
## 10335 2012-07-30  CoffsHarbour    5.7  17.8   0.0   2.8  10.1
## 10336 2012-07-31  CoffsHarbour    9.2  17.7   0.0   3.8   9.7
## 10337 2012-08-01  CoffsHarbour    4.0  17.0   0.0   2.6  10.1
## 10341 2012-08-05  CoffsHarbour    3.8  21.2   0.0   2.4  10.4
## 10342 2012-08-06  CoffsHarbour    4.0  22.9   0.0   3.0  10.1
## 10343 2012-08-07  CoffsHarbour    2.2  17.1   0.0   2.8  10.0
## 10344 2012-08-08  CoffsHarbour    3.1  20.3   0.0   2.4  10.2
## 10349 2012-08-13  CoffsHarbour   11.9  18.5   0.0   4.4   5.5
## 10350 2012-08-14  CoffsHarbour    5.5  19.8   0.0   2.2   8.7
## 10351 2012-08-15  CoffsHarbour    4.0  22.4   0.0   2.2  10.4
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## 10355 2012-08-19   CoffsHarbour    3.9   18.7    0.0    4.0   10.5
## 10363 2012-08-27   CoffsHarbour    7.6   18.6    0.0    3.8   10.6
## 10364 2012-08-28   CoffsHarbour    8.0   19.7    0.2    4.0   10.1
## 10365 2012-08-29   CoffsHarbour    8.5   23.1    0.0    2.6   10.6
## 10369 2012-09-02   CoffsHarbour    5.1   19.1    0.0    6.2   10.5
## 10370 2012-09-03   CoffsHarbour    8.0   20.0    0.0    3.8   10.9
## 10371 2012-09-04   CoffsHarbour    5.4   23.7    0.0    3.0   10.7
## 10372 2012-09-05   CoffsHarbour   10.3   24.7    0.0    3.2   10.7
## 10377 2012-09-10   CoffsHarbour    8.2   21.4    0.0    4.2   10.3
## 10378 2012-09-11   CoffsHarbour    9.7   24.5    0.0    2.8   10.5
## 10379 2012-09-12   CoffsHarbour    9.9   23.3    0.0    3.0   10.4
## 10383 2012-09-16   CoffsHarbour    8.2   21.2    0.0    8.8   10.4
## 10384 2012-09-17   CoffsHarbour   11.4   24.1    0.0    3.4    7.6
## 10385 2012-09-18   CoffsHarbour   13.1   22.1    8.4    4.4    5.7
## 10386 2012-09-19   CoffsHarbour   11.2   25.2   21.2    3.6   10.7
## 10392 2012-09-25   CoffsHarbour   13.0   20.7    3.4    3.0    9.6
## 10393 2012-09-26   CoffsHarbour   15.4   22.1    0.2    4.6    6.2
## 10397 2012-09-30   CoffsHarbour   15.5   19.5    0.0    5.0    9.9
## 10398 2012-10-01   CoffsHarbour   11.1   20.6    0.2    5.0    5.0
## 10399 2012-10-02   CoffsHarbour   13.0   21.5    0.0    4.0   10.9
## 10400 2012-10-03   CoffsHarbour    8.6   22.0    0.0    6.2   11.4
## 10405 2012-10-08   CoffsHarbour   14.1   20.3    0.0    6.4    8.0
## 10406 2012-10-09   CoffsHarbour   10.9   24.5    0.8    2.8   10.9
## 10407 2012-10-10   CoffsHarbour   10.9   25.3    0.0    7.4   11.6
## 10411 2012-10-14   CoffsHarbour    8.9   21.0    0.0    5.0    7.1
## 10412 2012-10-15   CoffsHarbour    7.8   21.8    8.0    2.6   10.8
## 10413 2012-10-16   CoffsHarbour   11.4   25.8    0.2    4.4   12.1
## 10414 2012-10-17   CoffsHarbour   14.9   32.9    0.0    5.2   11.6
## 10419 2012-10-22   CoffsHarbour   17.1   24.2    0.4    2.4    8.2
## 10421 2012-10-24   CoffsHarbour   13.5   22.0    0.4    6.4   11.4
## 10425 2012-10-28   CoffsHarbour   15.1   22.8    0.0    6.0    7.4
## 10426 2012-10-29   CoffsHarbour   13.6   22.0    4.6    6.4    2.9
## 10427 2012-10-30   CoffsHarbour   13.5   23.4    0.0    4.0    5.6
## 10428 2012-10-31   CoffsHarbour   12.2   25.2    1.0    1.6   11.9
## 10433 2012-11-05   CoffsHarbour   16.1   26.7    0.2    4.2    8.8
## 10434 2012-11-06   CoffsHarbour   17.8   25.6    0.0    6.6   12.1
## 10435 2012-11-07   CoffsHarbour   19.5   27.1    0.0    7.0    8.8
## 10436 2012-11-08   CoffsHarbour   20.7   27.1    0.0    6.0    8.8
## 10439 2012-11-11   CoffsHarbour   14.4   22.1   38.0    3.0    5.8
## 10440 2012-11-12   CoffsHarbour    9.8   22.8    0.6    5.6    9.2
## 10441 2012-11-13   CoffsHarbour   13.6   26.5    0.0    4.2   13.0
## 10442 2012-11-14   CoffsHarbour   17.9   24.9    0.0    6.4    6.7
## 10447 2012-11-19   CoffsHarbour   13.7   23.4    0.0    4.0    8.4
## 10448 2012-11-20   CoffsHarbour   13.5   24.0    0.0    6.2   10.3
## 10453 2012-11-25   CoffsHarbour   20.5   28.0    0.0    4.0    8.8
## 10454 2012-11-26   CoffsHarbour   18.8   28.0    0.0    4.8   10.7
## 10455 2012-11-27   CoffsHarbour   20.7   28.1    0.0    7.0    5.1
## 10456 2012-11-28   CoffsHarbour   20.9   26.6    0.0    4.0    5.1
## 10464 2013-01-06   CoffsHarbour   19.0   27.3    0.0    7.0    7.6
## 10465 2013-01-07   CoffsHarbour   19.1   27.5    1.2    5.8   11.8
## 10466 2013-01-08   CoffsHarbour   18.1   33.9    0.0    6.6   13.3
## 10467 2013-01-09   CoffsHarbour   21.1   37.7    0.0    8.0    8.8
## 10472 2013-01-14   CoffsHarbour   20.5   21.5   19.4    5.4    0.0
## 10473 2013-01-15   CoffsHarbour   17.6   25.0   13.8    1.6    0.8
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## 10474 2013-01-16  CoffsHarbour  17.0  27.6   0.0  2.0  12.1
## 10478 2013-01-20  CoffsHarbour  20.6  23.0   3.8  7.4   0.0
## 10479 2013-01-21  CoffsHarbour  20.2  25.9   2.0  0.8   0.0
## 10480 2013-01-22  CoffsHarbour  20.0  28.5   2.6  1.6   9.9
## 10481 2013-01-23  CoffsHarbour  21.5  28.4   0.0  6.2   6.7
## 10488 2013-01-30  CoffsHarbour  21.5  26.4   0.2  2.8   9.0
## 10490 2013-03-01  CoffsHarbour  22.0  23.4   0.2  5.4   0.0
## 10492 2013-03-03  CoffsHarbour  19.0  25.9  36.0  1.8   1.2
## 10493 2013-03-04  CoffsHarbour  20.5  24.4  13.8  2.6   0.2
## 10494 2013-03-05  CoffsHarbour  20.8  26.1   3.8  5.4   8.5
## 10495 2013-03-06  CoffsHarbour  18.9  25.7   0.0  6.2   5.6
## 10500 2013-03-11  CoffsHarbour  18.8  26.4   0.6  5.6   7.7
## 10501 2013-03-12  CoffsHarbour  18.0  25.3   2.0  4.0   3.3
## 10502 2013-03-13  CoffsHarbour  18.7  25.9   0.6  3.2   8.6
## 10506 2013-03-17  CoffsHarbour  18.9  27.3   0.0  4.4   7.6
## 10507 2013-03-18  CoffsHarbour  17.4  23.4   0.0  9.0   6.9
## 10508 2013-03-19  CoffsHarbour  16.7  24.0   9.4  3.4   6.0
## 10509 2013-03-20  CoffsHarbour  15.5  23.9   3.2  4.0   2.3
## 10515 2013-03-26  CoffsHarbour  19.8  27.6   0.0  4.0   9.1
## 10516 2013-03-27  CoffsHarbour  18.7  27.3   0.0  5.0   6.6
## 10520 2013-03-31  CoffsHarbour  19.9  27.0   0.0  4.8   3.0
## 10521 2013-04-01  CoffsHarbour  15.4  24.2   6.2  2.6   6.1
## 10522 2013-04-02  CoffsHarbour  17.2  25.4   1.0  3.0  10.2
## 10523 2013-04-03  CoffsHarbour  16.0  25.6   0.0  3.6   9.0
## 10528 2013-04-08  CoffsHarbour  13.2  23.4   0.6  3.6   9.8
## 10529 2013-04-09  CoffsHarbour  14.7  23.5   1.6  3.8   9.4
## 10530 2013-04-10  CoffsHarbour  15.3  22.6  51.2  6.8   4.7
## 10534 2013-04-14  CoffsHarbour  14.1  24.8  12.8  1.2   9.2
## 10537 2013-04-17  CoffsHarbour  14.7  22.8   7.6  0.4   6.8
## 10542 2013-04-22  CoffsHarbour  15.7  26.4   0.0  3.0   9.3
## 10543 2013-04-23  CoffsHarbour  10.6  25.4   0.0  3.6  10.9
## 10544 2013-04-24  CoffsHarbour  12.1  23.7   0.0  3.0  10.4
## 10548 2013-04-28  CoffsHarbour  14.5  26.0   0.0  4.0  10.3
## 10549 2013-04-29  CoffsHarbour  13.4  26.9   0.0  2.6  10.2
## 10550 2013-04-30  CoffsHarbour  15.2  25.4   0.2  3.2  10.3
## 10551 2013-05-01  CoffsHarbour  14.7  27.1   0.0  3.2   9.9
## 10556 2013-05-06  CoffsHarbour  12.5  21.6   0.0  5.0   9.6
## 10557 2013-05-07  CoffsHarbour  13.9  20.3   9.8  4.6   3.4
## 10558 2013-05-08  CoffsHarbour  11.5  21.8   1.8  1.8   7.7
## 10562 2013-05-12  CoffsHarbour  13.6  21.8   7.6  2.0   7.1
## 10563 2013-05-13  CoffsHarbour  13.1  24.2   0.8  1.8   4.1
## 10564 2013-05-14  CoffsHarbour  15.7  22.3   0.0  1.8   1.4
## 10565 2013-05-15  CoffsHarbour  10.7  19.9   0.4  1.2   7.5
## 10570 2013-05-20  CoffsHarbour   4.9  18.0   0.0  3.8   6.0
## 10571 2013-05-21  CoffsHarbour   5.4  22.7   0.2  0.4   6.7
## 10572 2013-05-22  CoffsHarbour  11.6  16.1   0.0  2.4   0.5
## 10576 2013-05-26  CoffsHarbour  12.0  21.4   0.0  7.6   9.5
## 10577 2013-05-27  CoffsHarbour   8.1  21.4   0.0  1.4   9.9
## 10578 2013-05-28  CoffsHarbour  14.1  20.7  16.4  4.4   5.1
## 10579 2013-05-29  CoffsHarbour  10.1  21.5   0.2  0.4   6.3
## 10584 2013-06-03  CoffsHarbour  13.8  19.2   4.0  2.8   7.2
## 10585 2013-06-04  CoffsHarbour  12.3  20.9   0.0  4.0   7.6
## 10586 2013-06-05  CoffsHarbour   9.2  21.6   0.0  3.4   3.4
## 10591 2013-06-10  CoffsHarbour  13.5  21.5   0.0  0.6   1.5
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## 10598 2013-06-17  CoffsHarbour     5.3    18.8     0.0        0.8      8.2
## 10599 2013-06-18  CoffsHarbour     5.5    18.9     0.0        1.8      9.5
## 10600 2013-06-19  CoffsHarbour     6.6    18.0     0.0        2.6      8.6
## 10604 2013-06-23  CoffsHarbour     7.2    18.5     0.0        3.6      9.0
## 10605 2013-06-24  CoffsHarbour     7.3    18.5     0.0        2.0      8.1
## 10606 2013-06-25  CoffsHarbour     3.9    16.2     0.0        2.6      5.9
## 10607 2013-06-26  CoffsHarbour     4.5    20.1     0.0        2.4      5.7
## 10612 2013-07-01  CoffsHarbour    13.1    19.3    45.6        1.6      1.3
## 10613 2013-07-02  CoffsHarbour    13.8    18.2    42.6        2.6      4.6
## 10614 2013-07-03  CoffsHarbour    14.5    20.1     0.0        0.8      9.3
## 10618 2013-07-07  CoffsHarbour     4.3    17.1     0.0        5.6      9.5
## 10619 2013-07-08  CoffsHarbour     3.8    17.8     0.0        2.0      9.4
## 10620 2013-07-09  CoffsHarbour     5.0    18.1     0.0        3.0      8.0
## 10621 2013-07-10  CoffsHarbour    11.0    15.9     2.0        2.0      0.3
## 10626 2013-07-15  CoffsHarbour     9.2    20.1     0.0        1.0      1.7
## 10627 2013-07-16  CoffsHarbour    13.6    22.3     0.0        0.8      4.3
## 10628 2013-07-17  CoffsHarbour    11.4    23.2     0.0        1.4      9.4
## 10632 2013-07-21  CoffsHarbour     4.6    17.8     0.2        1.0      8.7
## 10633 2013-07-22  CoffsHarbour     8.3    17.6     0.0        2.0      4.6
## 10634 2013-07-23  CoffsHarbour     4.2    18.3     0.0        1.6      7.7
## 10635 2013-07-24  CoffsHarbour     6.2    19.1     0.0        2.4      9.8
## 10640 2013-07-29  CoffsHarbour    11.9    21.2     2.0        0.6      4.2
## 10646 2013-08-04  CoffsHarbour     4.9    20.1     0.2        3.8     10.1
## 10647 2013-08-05  CoffsHarbour     4.7    20.2     0.0        2.2     10.0
## 10648 2013-08-06  CoffsHarbour     4.4    23.5     0.0        1.8     10.1
## 10649 2013-08-07  CoffsHarbour     6.6    25.1     0.0        2.8      8.8
## 10654 2013-08-12  CoffsHarbour    10.4    28.7     0.0        1.8      8.8
## 10655 2013-08-13  CoffsHarbour     7.7    21.6     0.0        4.0     10.5
## 10656 2013-08-14  CoffsHarbour     9.2    21.4     0.0        3.2      3.7
## 10660 2013-08-18  CoffsHarbour     6.7    21.0     2.4        3.2     10.6
## 10661 2013-08-19  CoffsHarbour     6.0    22.7     0.0        2.8     10.6
## 10662 2013-08-20  CoffsHarbour     8.8    18.6     0.0        3.6     10.5
## 10663 2013-08-21  CoffsHarbour     4.2    17.2     0.0        4.8     10.7
## 10668 2013-08-26  CoffsHarbour     8.6    23.5     0.0        3.6     10.9
## 10669 2013-08-27  CoffsHarbour     8.2    22.5     0.0        2.8     10.1
## 10670 2013-08-28  CoffsHarbour     7.9    25.0     0.0        2.8     10.2
## 10675 2013-09-02  CoffsHarbour    14.4    22.0     0.0        4.4      8.2
## 10676 2013-09-03  CoffsHarbour    12.7    21.9     0.0        2.2     10.2
## 10677 2013-09-04  CoffsHarbour    12.0    21.5     0.2        4.2     10.4
## 10682 2013-09-09  CoffsHarbour    14.7    24.2     0.0        4.0     10.5
## 10683 2013-09-10  CoffsHarbour    14.0    29.0     0.0        4.0     10.1
## 10684 2013-09-11  CoffsHarbour    16.0    24.1     0.0        4.8     10.6
## 10688 2013-09-15  CoffsHarbour    15.9    23.4     0.0        4.0      9.4
## 10689 2013-09-16  CoffsHarbour    15.7    22.9     1.8        5.4      1.3
## 10690 2013-09-17  CoffsHarbour    16.4    23.6    14.4        1.8     10.9
## 10691 2013-09-18  CoffsHarbour    11.9    24.5     0.0        2.8      9.7
## 10696 2013-09-23  CoffsHarbour    11.9    27.8     0.0        3.6     11.2
## 10697 2013-09-24  CoffsHarbour    17.3    27.9     0.0        5.0      4.9
## 10703 2013-09-30  CoffsHarbour    12.1    28.4     0.0        5.4     11.0
## 10704 2013-10-01  CoffsHarbour    17.5    32.1     0.0        5.4      8.5
## 10705 2013-10-02  CoffsHarbour    15.5    24.5     0.0        6.0     10.8
## 10710 2013-10-07  CoffsHarbour    11.5    25.2     0.0        5.2      7.9
## 10711 2013-10-08  CoffsHarbour    15.2    23.2     0.0        7.0      8.2
## 10712 2013-10-09  CoffsHarbour     9.7    24.3     7.0        5.0     11.3
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## 10716 2013-10-13  CoffsHarbour    20.4    32.0     0.0      6.0      3.0
## 10717 2013-10-14  CoffsHarbour    17.2    24.0     0.6      4.6     10.0
## 10718 2013-10-15  CoffsHarbour    11.4    21.8     0.0      8.0     11.9
## 10719 2013-10-16  CoffsHarbour    12.9    26.2     0.0      6.6     10.9
## 10725 2013-10-22  CoffsHarbour    18.5    28.8     0.0      6.4     12.3
## 10726 2013-10-23  CoffsHarbour    17.9    30.4     0.0      6.8     10.8
## 10731 2013-10-28  CoffsHarbour    15.6    25.7     0.0      6.0      7.8
## 10732 2013-10-29  CoffsHarbour    17.9    31.5     0.0      4.0      5.3
## 10733 2013-10-30  CoffsHarbour    15.6    23.3    14.4      5.2      8.9
## 10739 2013-11-05  CoffsHarbour    13.6    23.1     0.0      9.2      5.7
## 10740 2013-11-06  CoffsHarbour    16.5    23.0     0.0      6.2     10.7
## 10745 2013-11-11  CoffsHarbour    16.7    26.5    34.8      3.2      7.8
## 10747 2013-11-13  CoffsHarbour    17.9    26.5    29.0      4.8      9.5
## 10753 2013-11-19  CoffsHarbour    13.5    25.3    12.2      2.4     12.8
## 10754 2013-11-20  CoffsHarbour    17.3    25.0     0.0      6.8     10.6
## 10759 2013-11-25  CoffsHarbour    14.9    24.7     0.2      4.8     11.5
## 10760 2013-11-26  CoffsHarbour    15.6    23.6     7.4      6.6     12.2
## 10761 2013-11-27  CoffsHarbour    15.4    23.7     0.0      4.6     12.8
## 10773 2013-12-09  CoffsHarbour    19.2    28.7     0.0      7.2     10.5
## 10774 2013-12-10  CoffsHarbour    20.6    27.7     0.4      5.8      1.0
## 10775 2013-12-11  CoffsHarbour    19.5    26.3     0.0      3.2      7.0
## 10781 2013-12-17  CoffsHarbour    17.9    24.8     0.6      3.6      9.7
## 10782 2013-12-18  CoffsHarbour    15.8    25.5     0.0      7.0     12.6
## 10787 2013-12-23  CoffsHarbour    21.1    29.4     0.0      8.0      9.7
## 10788 2013-12-24  CoffsHarbour    19.7    24.5     0.0      7.0      2.8
## 10789 2013-12-25  CoffsHarbour    19.7    23.8     0.6      2.8      0.2
## 10795 2013-12-31  CoffsHarbour    17.2    26.7     0.0      4.6     10.2
## 10796 2014-01-01  CoffsHarbour    18.6    26.5     0.0      6.0     11.1
## 10801 2014-01-06  CoffsHarbour    21.8    31.2     0.0      7.6     12.5
## 10802 2014-01-07  CoffsHarbour    19.9    21.5     0.2      8.0      0.9
## 10803 2014-01-08  CoffsHarbour    17.3    22.4    10.4      2.8      0.6
## 10809 2014-01-14  CoffsHarbour    18.3    27.1     0.0      3.8     12.2
## 10810 2014-01-15  CoffsHarbour    17.8    28.1     0.0      7.4     12.6
## 10816 2014-01-21  CoffsHarbour    21.3    28.5     0.0      6.2     11.2
## 10829 2014-02-03  CoffsHarbour    17.0    27.2     0.0      6.6      8.8
## 10830 2014-02-04  CoffsHarbour    17.3    28.1     0.0      4.4     11.6
## 10831 2014-02-05  CoffsHarbour    17.7    20.5    10.8      6.8      1.2
## 10837 2014-02-11  CoffsHarbour    17.7    27.3     0.0      6.8     12.3
## 10838 2014-02-12  CoffsHarbour    18.2    27.9     0.0      5.4     12.2
## 10843 2014-02-17  CoffsHarbour    19.5    26.0     7.8      3.6      0.7
## 10844 2014-02-18  CoffsHarbour    21.3    27.5     0.0      4.0      5.3
## 10845 2014-02-19  CoffsHarbour    23.8    30.9     0.0      2.2     11.6
## 10850 2014-02-24  CoffsHarbour    17.8    25.7     0.8      6.6      7.6
## 10851 2014-02-25  CoffsHarbour    19.4    26.4     9.0      3.4      8.4
## 10852 2014-02-26  CoffsHarbour    18.6    28.8     0.0      5.0     10.1
## 10857 2014-03-03  CoffsHarbour    19.0    26.2     5.0      3.0      9.9
## 10858 2014-03-04  CoffsHarbour    16.6    25.9     0.0      4.6      7.8
## 10865 2014-03-11  CoffsHarbour    18.5    25.8    10.2      3.4      7.5
## 10866 2014-03-12  CoffsHarbour    17.2    26.0     3.6      3.6      9.1
## 10870 2014-03-16  CoffsHarbour    18.4    32.3     0.0      7.4      6.2
## 10871 2014-03-17  CoffsHarbour    17.1    25.7    11.7      4.4     11.1
## 10872 2014-03-18  CoffsHarbour    16.9    27.5     0.0      4.4      9.7
## 10879 2014-03-25  CoffsHarbour    17.5    24.4    16.8      3.4      0.9
## 10880 2014-03-26  CoffsHarbour    20.2    25.4     5.8      1.0      0.2
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## 10884 2014-03-30  CoffsHarbour   19.2   26.2    0.4    1.4    7.1
## 10885 2014-03-31  CoffsHarbour   20.1   25.8    5.6    4.4    8.2
## 10886 2014-04-01  CoffsHarbour   18.6   26.1   15.4    3.4    7.1
## 10887 2014-04-02  CoffsHarbour   19.1   27.1    0.0    4.0    9.7
## 10893 2014-04-08  CoffsHarbour   17.6   24.7    0.0    4.6    4.2
## 10894 2014-04-09  CoffsHarbour   17.0   25.2    0.0    4.0    9.6
## 10898 2014-04-13  CoffsHarbour   16.8   25.1    0.0    4.8   10.0
## 10899 2014-04-14  CoffsHarbour   17.5   21.0    1.0    5.0    0.7
## 10900 2014-04-15  CoffsHarbour   16.6   23.6   29.2    1.8    6.0
## 10901 2014-04-16  CoffsHarbour   15.6   24.4    0.0    2.8    8.1
## 10906 2014-04-21  CoffsHarbour   13.0   24.6    0.0    3.0    9.5
## 10907 2014-04-22  CoffsHarbour   14.4   28.2    0.0    2.8   10.0
## 10908 2014-04-23  CoffsHarbour   15.8   27.3    0.0    3.8    8.2
## 10912 2014-04-27  CoffsHarbour   17.7   25.2    0.0    2.6    2.5
## 10914 2014-04-29  CoffsHarbour   14.8   23.5    2.6    2.8    8.3
## 10915 2014-04-30  CoffsHarbour   15.8   23.0    0.0    3.8    3.2
## 12068 2009-01-01         Moree   16.4   38.7    0.0   12.2    9.3
## 12069 2009-01-02         Moree   22.3   30.3    0.0   11.2    3.0
## 12070 2009-01-03         Moree   21.2   33.3    0.0    6.2   11.7
## 12071 2009-01-04         Moree   16.4   33.5    0.0   11.2   13.3
## 12072 2009-01-05         Moree   19.2   34.5    0.0   12.6   13.4
## 12073 2009-01-06         Moree   21.3   36.8    0.0   10.8   12.4
## 12074 2009-01-07         Moree   22.2   34.5    0.0   10.0    7.6
## 12075 2009-01-08         Moree   23.7   36.4    0.0    8.6    7.7
## 12076 2009-01-09         Moree   20.4   34.3    0.0   12.0    6.8
## 12078 2009-01-11         Moree   18.2   33.0    3.4    8.6   11.8
## 12079 2009-01-12         Moree   21.5   34.6    0.0    8.0    9.8
## 12080 2009-01-13         Moree   21.2   35.9    0.0   10.4   13.1
## 12081 2009-01-14         Moree   19.5   35.0    0.0   13.4   13.2
## 12082 2009-01-15         Moree   20.5   36.1    0.0   12.2   13.2
## 12083 2009-01-16         Moree   21.1   40.1    0.0   12.8   12.9
## 12084 2009-01-17         Moree   15.0   35.6    0.0   16.8   13.3
## 12085 2009-01-18         Moree   18.5   33.3    0.0   13.8   12.2
## 12086 2009-01-19         Moree   19.7   31.6    0.0   12.2    3.7
## 12087 2009-01-20         Moree   22.1   33.6    0.0   10.4    5.2
## 12088 2009-01-21         Moree   23.8   32.5    0.0    8.8    0.7
## 12089 2009-01-22         Moree   20.5   24.5   47.6    9.2    0.0
## 12090 2009-01-23         Moree   21.1   32.1   23.0    1.6    6.8
## 12091 2009-01-24         Moree   23.2   35.5    0.0    5.2   10.9
## 12092 2009-01-25         Moree   24.4   36.0    0.0    8.0    9.0
## 12093 2009-01-26         Moree   22.7   34.4    5.4    7.2   13.1
## 12094 2009-01-27         Moree   21.3   33.4    0.0    8.8   13.2
## 12095 2009-01-28         Moree   20.3   33.7    0.0   10.2   13.1
## 12096 2009-01-29         Moree   19.1   33.6    0.0   10.0   13.2
## 12097 2009-01-30         Moree   20.2   33.6    0.0   10.0   13.0
## 12098 2009-01-31         Moree   19.6   33.7    0.0   10.8   13.0
## 12099 2009-02-01         Moree   19.5   35.1    0.0    9.8   11.8
## 12100 2009-02-02         Moree   21.1   33.4    0.0   12.6   11.3
## 12101 2009-02-03         Moree   20.4   34.7    0.0    8.0   11.4
## 12102 2009-02-04         Moree   20.3   35.0    0.0    8.4   12.3
## 12103 2009-02-05         Moree   22.1   36.8    0.0    9.6   12.6
## 12104 2009-02-06         Moree   22.8   37.4    0.0   10.2   12.3
## 12105 2009-02-07         Moree   19.7   36.1    0.0   11.6   12.8
## 12106 2009-02-08         Moree   19.8   36.1    0.0   11.2   12.9
```

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## 12107 2009-02-09        Moree    20.0   40.5    0.0    10.6   12.7
## 12108 2009-02-10        Moree    27.3   37.6    0.0    12.8    1.9
## 12109 2009-02-11        Moree    20.8   31.9    7.0     9.8   12.1
## 12110 2009-02-12        Moree    16.1   33.4    0.0    10.2   12.3
## 12111 2009-02-13        Moree    19.4   25.5    0.0     9.8    3.8
## 12112 2009-02-14        Moree    16.6   20.0   29.2     8.2    0.4
## 12113 2009-02-15        Moree    16.9   25.5   51.4     7.4    3.8
## 12114 2009-02-16        Moree    17.9   28.4    0.0     3.6    8.3
## 12115 2009-02-17        Moree    17.4   27.9   55.8    13.6    8.2
## 12116 2009-02-18        Moree    18.5   30.0    0.0     4.0   10.4
## 12117 2009-02-19        Moree    19.4   31.4    0.0     6.0   12.5
## 12118 2009-02-20        Moree    19.6   31.8    0.0     5.4   10.3
## 12119 2009-02-21        Moree    19.7   32.4    0.0     6.6   10.9
## 12120 2009-02-22        Moree    19.8   32.6    0.0     6.6   12.3
## 12121 2009-02-23        Moree    19.1   32.1    0.0     7.8   12.3
## 12122 2009-02-24        Moree    19.6   32.4    0.0     7.4   11.6
## 12123 2009-02-25        Moree    21.9   31.6    0.0     7.6    8.6
## 12124 2009-02-26        Moree    17.8   32.8    0.0     7.2   12.3
## 12125 2009-02-27        Moree    18.6   30.7    0.0     7.8   12.0
## 12126 2009-02-28        Moree    14.2   33.6    0.0     8.6   11.9
## 12128 2009-03-02        Moree    16.3   34.6    0.0     9.8    6.4
## 12129 2009-03-03        Moree    19.3   35.4    0.0     7.0    9.6
## 12130 2009-03-04        Moree    23.8   34.2    0.0     8.4    5.5
## 12131 2009-03-05        Moree    10.9   26.2    0.0    11.0   11.6
## 12132 2009-03-06        Moree    10.5   27.5    0.0     9.2   11.8
## 12133 2009-03-07        Moree    10.7   30.9    0.0     6.8   11.8
## 12134 2009-03-08        Moree    14.7   32.6    0.0     9.0   11.8
## 12135 2009-03-09        Moree    17.9   32.5    0.0     8.0   10.8
## 12136 2009-03-10        Moree    17.1   31.8    0.0     9.6   11.5
## 12137 2009-03-11        Moree    16.0   32.5    0.0    10.0   11.3
## 12138 2009-03-12        Moree    17.6   29.0    0.0     9.8    4.5
## 12139 2009-03-13        Moree    18.1   31.8    0.0     5.8   11.7
## 12140 2009-03-14        Moree    17.8   31.7    0.0     7.4    7.7
## 12141 2009-03-15        Moree    19.9   33.9    1.6     6.4   10.4
## 12142 2009-03-16        Moree    16.2   28.9    0.0     9.4   11.0
## 12143 2009-03-17        Moree    11.1   27.6    0.0    11.2   11.5
## 12144 2009-03-18        Moree    10.5   31.8    0.0     7.6   11.5
## 12145 2009-03-19        Moree    16.8   33.0    0.0     6.6   10.8
## 12146 2009-03-20        Moree    17.6   32.8    0.0     8.2   10.1
## 12147 2009-03-21        Moree    16.6   31.7    0.0     8.0   11.1
## 12148 2009-03-22        Moree    15.8   31.3    0.0     7.8   11.3
## 12149 2009-03-23        Moree    15.7   32.7    0.0     7.8   11.3
## 12150 2009-03-24        Moree    16.8   33.0    0.0     7.6   11.4
## 12151 2009-03-25        Moree    17.5   31.3    0.0     8.2   11.4
## 12152 2009-03-26        Moree    15.2   32.3    0.0     7.6   11.2
## 12153 2009-03-27        Moree    17.2   33.7    0.0     7.0   10.4
## 12154 2009-03-28        Moree    14.0   30.6    0.0     9.6   11.1
## 12155 2009-03-29        Moree    14.2   30.9    0.0     7.8   11.4
## 12156 2009-03-30        Moree    15.6   30.9    0.0     8.6    7.9
## 12157 2009-03-31        Moree    18.2   23.4    0.0     8.4    0.2
## 12158 2009-04-01        Moree    16.9   30.6    0.6     3.6   10.5
## 12159 2009-04-02        Moree    17.1   30.7    1.0     5.2    6.5
## 12160 2009-04-03        Moree    19.2   31.7    0.4     5.4    9.4
## 12161 2009-04-04        Moree    18.3   25.1    0.0     5.8    4.1
```

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## 12162 2009-04-05         Moree    17.5   29.9   22.6     7.0    8.8
## 12163 2009-04-06         Moree    14.3   30.1    0.0     6.8   11.1
## 12164 2009-04-07         Moree    14.3   29.7    0.0     6.0   11.1
## 12165 2009-04-08         Moree    14.8   28.2    0.0     6.8   10.7
## 12166 2009-04-09         Moree    13.1   28.2    0.0     6.6   10.3
## 12167 2009-04-10         Moree    14.8   28.1    0.0     6.2    6.0
## 12168 2009-04-11         Moree    16.9   25.0    0.0     4.6    1.5
## 12169 2009-04-12         Moree    16.4   24.0    0.2     4.2    0.0
## 12170 2009-04-13         Moree    17.6   21.9   19.2     3.0    0.3
## 12171 2009-04-14         Moree    17.5   26.2    4.8     2.0    6.7
## 12172 2009-04-15         Moree    13.6   26.7    0.2     2.8    8.8
## 12173 2009-04-16         Moree    11.7   28.9    0.0     5.4   11.1
## 12174 2009-04-17         Moree    13.7   29.8    0.0     5.0   10.1
## 12175 2009-04-18         Moree    10.7   26.9    0.0     6.4   10.7
## 12176 2009-04-19         Moree    10.1   26.7    0.0     6.0   11.0
## 12177 2009-04-20         Moree    11.1   25.6    0.0     7.6   10.9
## 12178 2009-04-21         Moree     9.5   26.6    0.0     5.8    9.6
## 12179 2009-04-22         Moree    10.8   26.3    0.0     5.6   10.7
## 12180 2009-04-23         Moree    11.2   26.1    0.0     5.6   10.8
## 12181 2009-04-24         Moree    10.8   29.9    0.0     4.0    6.6
## 12182 2009-04-25         Moree    13.0   25.2    0.0     5.4   10.1
## 12183 2009-04-26         Moree    14.1   25.1    0.0     6.0   10.6
## 12184 2009-04-27         Moree     6.8   20.5    0.0     6.6   10.7
## 12185 2009-04-28         Moree     4.8   23.7    0.0     4.6   10.6
## 12186 2009-04-29         Moree     8.0   23.6    0.0     4.8    8.0
## 12187 2009-04-30         Moree     4.8   19.3    0.0     4.2   10.9
## 12188 2009-05-01         Moree     3.5   23.5    0.0     5.2   10.2
## 12189 2009-05-02         Moree     8.4   24.7    0.0     4.6    9.6
## 12190 2009-05-03         Moree     9.4   24.4    0.0     3.8    6.3
## 12191 2009-05-04         Moree    10.6   24.9    0.0     3.6    9.1
## 12192 2009-05-05         Moree     9.1   24.3    0.0     4.6   10.5
## 12193 2009-05-06         Moree     9.1   25.1    0.0     4.8   10.1
## 12194 2009-05-07         Moree    10.0   24.8    0.0     3.8   10.2
## 12195 2009-05-08         Moree     7.6   25.3    0.0     3.8   10.5
## 12196 2009-05-09         Moree     9.7   24.3    0.0     4.4   10.4
## 12197 2009-05-10         Moree     6.2   24.7    0.0     4.0   10.4
## 12198 2009-05-11         Moree     8.8   23.6    0.0     5.2   10.5
## 12200 2009-05-13         Moree     5.3   22.8    0.0     2.8    9.3
## 12201 2009-05-14         Moree     2.6   22.1    0.0     4.0   10.3
## 12204 2009-05-17         Moree     4.5   20.6    0.0     4.0    8.2
## 12205 2009-05-18         Moree     7.2   23.9    0.0     4.8    3.9
## 12206 2009-05-19         Moree    13.4   15.7    4.8     2.4    0.1
## 12207 2009-05-20         Moree    13.2   15.9   22.0     2.6    0.0
## 12208 2009-05-21         Moree    12.9   17.3    8.8     4.8    0.0
## 12209 2009-05-22         Moree    12.5   23.5    7.4     1.4    5.7
## 12210 2009-05-23         Moree    10.3   25.3    0.2     4.2   10.1
## 12211 2009-05-24         Moree    11.1   23.7    0.0     4.2    9.8
## 12212 2009-05-25         Moree     9.3   23.1    0.0     3.6    9.9
## 12214 2009-05-27         Moree     8.6   23.1    0.0     3.4    9.1
## 12215 2009-05-28         Moree     8.2   23.1    0.0     2.4    5.4
## 12216 2009-05-29         Moree     9.0   19.9    2.8     1.6    5.9
## 12217 2009-05-30         Moree     5.4   20.5    0.0     2.2    9.2
## 12218 2009-05-31         Moree     8.6   20.2    0.0     2.6    0.8
## 12219 2009-06-01         Moree    10.0   17.9    0.0     3.0    0.0
```

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## 12220 2009-06-02        Moree    12.3    20.4     0.2      2.2     0.0
## 12221 2009-06-03        Moree    10.6    21.6     0.0      2.0     4.2
## 12222 2009-06-04        Moree    12.4    20.7     2.2      1.8     4.8
## 12224 2009-06-06        Moree     4.7    20.7     0.0      2.8     8.7
## 12225 2009-06-07        Moree     8.9    17.5     0.0      2.0     8.2
## 12226 2009-06-08        Moree     9.5    19.2     0.0      2.6     8.6
## 12227 2009-06-09        Moree     6.0    17.1     0.0      4.0     8.5
## 12228 2009-06-10        Moree     6.1    14.4     0.0      2.8     8.3
## 12229 2009-06-11        Moree    -1.4    12.9     0.0      2.0     9.5
## 12230 2009-06-12        Moree    -2.3    17.3     0.0      6.4     8.3
## 12231 2009-06-13        Moree     2.6    19.7     0.0      2.4    10.3
## 12232 2009-06-14        Moree     2.5    20.5     0.0      4.0     9.7
## 12233 2009-06-15        Moree     8.3    20.4     0.8      1.8     8.8
## 12234 2009-06-16        Moree     5.1    19.5     0.0      2.8     9.7
## 12235 2009-06-17        Moree     3.1    21.2     0.0      3.6     9.6
## 12236 2009-06-18        Moree     6.2    21.1     0.0      3.0     9.2
## 12237 2009-06-19        Moree     5.7    21.7     0.0      3.2     7.2
## 12238 2009-06-20        Moree     5.5    21.4     0.0      3.0     4.8
## 12239 2009-06-21        Moree     9.9    20.6     0.0      3.2     1.9
## 12240 2009-06-22        Moree    10.7    21.8    13.4      2.2     9.8
## 12241 2009-06-23        Moree     7.5    21.3     0.0      2.4     9.7
## 12242 2009-06-24        Moree     7.2    21.2     0.0      2.0     6.6
## 12243 2009-06-25        Moree     3.9    18.5     0.0      1.4     2.9
## 12245 2009-06-27        Moree     9.3    17.7     1.6      1.0     4.0
## 12246 2009-06-28        Moree     9.7    15.2     0.6      1.2     2.0
## 12248 2009-06-30        Moree     6.0    20.7     0.0      3.0     5.9
## 12249 2009-07-01        Moree     9.4    24.1     0.0      3.4     7.6
## 12250 2009-07-02        Moree     3.3    17.5     0.0      3.4     9.7
## 12251 2009-07-03        Moree     8.1    16.3     0.0      4.0     8.2
## 12252 2009-07-04        Moree     1.7    14.3     0.0      4.2     6.4
## 12253 2009-07-05        Moree     3.5    15.7     0.0      2.8     4.8
## 12254 2009-07-06        Moree     0.3    17.6     0.0      2.0     4.9
## 12256 2009-07-08        Moree     5.2    20.3     0.0      2.0     9.3
## 12257 2009-07-09        Moree     2.3    19.0     0.0      3.0     9.8
## 12258 2009-07-10        Moree     3.0    20.1     0.0      3.8     9.2
## 12259 2009-07-11        Moree     3.8    20.3     0.0      3.6    10.0
## 12260 2009-07-12        Moree     3.0    22.5     0.0      2.8    10.0
## 12261 2009-07-13        Moree     9.0    19.5     0.0      3.2     6.9
## 12262 2009-07-14        Moree     9.1    16.4     4.0      3.2     8.0
## 12263 2009-07-15        Moree     4.3    15.4     0.0      3.0     1.9
## 12264 2009-07-16        Moree     7.3    13.2     5.0      1.6     1.2
## 12265 2009-07-17        Moree     0.9    15.2     0.4      1.2     9.6
## 12266 2009-07-18        Moree     2.0    18.4     0.0      1.6     9.9
## 12267 2009-07-19        Moree     2.1    17.8     0.0      2.0    10.2
## 12268 2009-07-20        Moree     2.2    20.8     0.0      3.0    10.0
## 12269 2009-07-21        Moree     5.8    23.8     0.0      3.2     9.7
## 12270 2009-07-22        Moree    11.7    19.7     0.0      4.0     0.7
## 12271 2009-07-23        Moree    10.3    18.4     2.2      1.4     9.1
## 12272 2009-07-24        Moree    -0.4    17.9     0.0      3.6    10.3
## 12273 2009-07-25        Moree     3.6    19.9     0.0      3.0    10.2
## 12274 2009-07-26        Moree     8.4    19.7     0.0      3.2     3.3
## 12275 2009-07-27        Moree     4.9    16.2     0.0      2.4     9.1
## 12276 2009-07-28        Moree    -0.3    17.3     0.0      3.2    10.4
## 12277 2009-07-29        Moree     0.8    17.4     0.0      3.2    10.3
```

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## 12280 2009-08-01       Moree    1.7   18.1    0.0      4.0      10.2
## 12281 2009-08-02       Moree   -0.6   20.3    0.0      3.0      10.3
## 12282 2009-08-03       Moree    0.4   19.1    0.0      2.6      10.4
## 12283 2009-08-04       Moree    1.6   19.6    0.0      3.2      10.2
## 12284 2009-08-05       Moree    1.3   20.7    0.0      2.6      10.3
## 12285 2009-08-06       Moree    2.1   22.0    0.0      3.2      10.4
## 12286 2009-08-07       Moree    6.5   24.8    0.0      3.4      10.6
## 12287 2009-08-08       Moree    0.3   19.0    0.0      5.0      10.5
## 12288 2009-08-09       Moree    1.1   20.8    0.0      4.4      10.0
## 12289 2009-08-10       Moree    4.8   21.8    0.0      3.6       5.6
## 12290 2009-08-11       Moree   12.3   25.5    0.0      4.0       8.9
## 12291 2009-08-12       Moree   12.2   25.0    0.0      6.6       6.5
## 12292 2009-08-13       Moree    3.3   22.4    0.0      4.0      10.6
## 12294 2009-08-15       Moree    1.5   22.1    0.0      4.4      10.6
## 12295 2009-08-16       Moree    4.2   28.0    0.0      4.6      10.8
## 12296 2009-08-17       Moree   12.5   23.8    0.0      7.0       5.0
## 12297 2009-08-18       Moree    2.1   20.0    0.0      5.2      10.7
## 12298 2009-08-19       Moree    2.2   22.3    0.0      3.4       9.9
## 12299 2009-08-20       Moree    7.1   23.8    0.0      4.6       5.8
## 12300 2009-08-21       Moree   10.1   29.5    0.0      4.0       9.1
## 12301 2009-08-22       Moree   15.2   24.6    0.0      6.4       0.2
## 12302 2009-08-23       Moree   15.9   33.6    0.0      3.8      10.6
## 12303 2009-08-24       Moree   18.3   36.1    0.0      9.0       0.8
## 12304 2009-08-25       Moree   17.6   24.0    0.0     10.0       9.9
## 12305 2009-08-26       Moree    4.2   22.3    0.0      4.8      11.0
## 12306 2009-08-27       Moree    2.5   24.6    0.0      5.6       8.6
## 12307 2009-08-28       Moree    5.3   26.8    0.0      3.2      10.7
## 12308 2009-08-29       Moree   14.5   35.6    0.6      6.8       3.3
## 12309 2009-08-30       Moree   14.9   15.3    1.4      7.2       0.0
## 12310 2009-08-31       Moree    3.7   18.3    2.2      1.2      10.4
## 12312 2009-09-02       Moree    5.1   25.4    0.0      4.0      11.2
## 12313 2009-09-03       Moree   12.2   21.2    0.0      6.4       0.4
## 12314 2009-09-04       Moree   12.9   20.5    3.6      4.2       1.8
## 12315 2009-09-05       Moree   12.9   22.0   12.8      6.6       6.5
## 12316 2009-09-06       Moree    4.6   23.2    0.0      3.8      11.2
## 12317 2009-09-07       Moree    9.1   19.6    0.0      4.8       0.0
## 12318 2009-09-08       Moree    5.5   21.3    4.0      1.6       8.7
## 12319 2009-09-09       Moree    3.6   20.2    0.0      3.4      11.1
## 12320 2009-09-10       Moree    4.1   21.7    0.0      4.6      11.3
## 12321 2009-09-11       Moree    3.4   24.0    0.0      4.4      11.3
## 12322 2009-09-12       Moree    5.0   27.0    0.0      5.6      11.2
## 12323 2009-09-13       Moree    8.5   28.4    0.0      6.2      11.2
## 12324 2009-09-14       Moree    8.4   29.2    0.0      7.0      11.2
## 12325 2009-09-15       Moree   10.5   30.0    0.0      5.8       9.4
## 12326 2009-09-16       Moree   15.3   30.5    0.0      8.0      11.1
## 12327 2009-09-17       Moree   15.6   29.3    0.0      8.8      11.2
## 12328 2009-09-18       Moree   13.7   28.8    0.0      8.0      10.7
## 12329 2009-09-19       Moree    8.6   29.0    0.0      6.6       9.8
## 12330 2009-09-20       Moree   10.5   30.1    0.0      7.6      10.8
## 12331 2009-09-21       Moree   12.0   28.9    0.0      7.4       3.9
## 12332 2009-09-22       Moree   16.8   26.1    2.8      2.6       0.9
## 12333 2009-09-23       Moree   14.9   20.1    0.6      5.4       3.9
## 12334 2009-09-24       Moree    6.1   23.5    0.0      7.0      10.7
## 12335 2009-09-25       Moree    6.1   27.9    0.0      6.6      11.3
```

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## 12336 2009-09-26        Moree   14.9   21.0     0.0       8.0      5.6
## 12337 2009-09-27        Moree    5.8   19.1     0.0      10.6     11.4
## 12338 2009-09-28        Moree    3.1   19.9     0.0       9.0     11.5
## 12339 2009-09-29        Moree    3.4   23.5     0.0       6.6     11.4
## 12340 2009-09-30        Moree    5.1   26.9     0.0       6.4     11.5
## 12341 2009-10-01        Moree    9.3   33.2     0.0       7.8     11.0
## 12342 2009-10-02        Moree   17.2   32.1     0.0       9.4      7.0
## 12343 2009-10-03        Moree   13.0   26.6     0.0       7.6     10.1
## 12345 2009-10-05        Moree    6.2   25.6     0.0       7.8     11.7
## 12346 2009-10-06        Moree    7.3   26.4     0.0       8.0     11.9
## 12347 2009-10-07        Moree    8.2   21.3     0.0       6.4     11.8
## 12348 2009-10-08        Moree    4.5   23.2     0.0       9.8     11.1
## 12349 2009-10-09        Moree    6.6   24.4     0.0       8.0      9.3
## 12350 2009-10-10        Moree    8.2   25.9     0.0       8.8      7.2
## 12351 2009-10-11        Moree   14.5   22.0     0.0       7.8      7.2
## 12352 2009-10-12        Moree   13.8   33.2     1.0       5.2      8.4
## 12353 2009-10-13        Moree   15.4   28.2     0.2       9.8     10.6
## 12354 2009-10-14        Moree   14.7   25.4     0.0      12.0      9.7
## 12355 2009-10-15        Moree    7.0   27.3     0.0      10.8     12.0
## 12356 2009-10-16        Moree    7.8   22.6     0.0       9.2     12.2
## 12357 2009-10-17        Moree    4.2   25.2     0.0       9.6     12.5
## 12358 2009-10-18        Moree    8.4   27.2     0.0       8.8     12.0
## 12359 2009-10-19        Moree   10.8   28.5     0.0       8.0     12.3
## 12360 2009-10-20        Moree   14.0   30.7     0.0       7.0     12.4
## 12361 2009-10-21        Moree   15.6   33.7     0.0       7.8     11.6
## 12362 2009-10-22        Moree   16.3   34.9     0.0       9.4     11.8
## 12363 2009-10-23        Moree   17.9   35.3     0.0      10.6     11.0
## 12364 2009-10-24        Moree   17.5   35.0     0.0      13.6     12.0
## 12365 2009-10-25        Moree   13.5   34.3     0.0      12.0      7.5
## 12366 2009-10-26        Moree   16.3   22.5     0.0      10.6      0.2
## 12367 2009-10-27        Moree   15.0   29.5     2.6       1.8      6.0
## 12368 2009-10-28        Moree   14.6   30.1    10.4       7.0     11.3
## 12369 2009-10-29        Moree   17.9   26.7     0.0       8.0      3.2
## 12370 2009-10-30        Moree   16.0   29.9     0.0       5.0     11.7
## 12371 2009-10-31        Moree   15.6   31.8     0.0       7.6     12.7
## 12372 2009-11-01        Moree   14.9   32.3     0.0       7.6     12.9
## 12373 2009-11-02        Moree   15.9   33.4     0.0      11.4     12.8
## 12374 2009-11-03        Moree   17.8   37.3     0.0       9.8     12.8
## 12375 2009-11-04        Moree   17.6   37.3     0.0      12.2     11.6
## 12376 2009-11-05        Moree   16.6   32.9     0.0      15.0      6.6
## 12377 2009-11-06        Moree   17.4   24.5     0.2      11.0      1.2
## 12378 2009-11-07        Moree   14.3   27.2     0.6       1.6      5.9
## 12379 2009-11-08        Moree   15.0   29.7     3.0       7.0      9.4
## 12380 2009-11-09        Moree   17.2   32.3     0.0       8.6      8.1
## 12381 2009-11-10        Moree   13.0   29.3     9.8       8.8     13.2
## 12382 2009-11-11        Moree   14.8   32.9     0.0       8.0     13.1
## 12383 2009-11-12        Moree   17.9   36.1     0.0       9.0     12.9
## 12384 2009-11-13        Moree   21.3   36.5     0.0      10.4      8.9
## 12385 2009-11-14        Moree   15.9   32.5     0.2       8.8     12.9
## 12386 2009-11-15        Moree   19.0   37.1     0.0       8.4     12.6
## 12387 2009-11-16        Moree   20.9   40.7     0.0       9.0     12.2
## 12388 2009-11-17        Moree   22.4   42.6     0.0      15.6     12.4
## 12389 2009-11-18        Moree   22.5   41.5     0.0      16.0     13.0
## 12390 2009-11-19        Moree   22.7   40.4     0.0      16.4     12.8
```

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## 12391 2009-11-20          Moree    26.2    41.7     0.0      12.8    12.6
## 12392 2009-11-21          Moree    26.7    42.2     0.0      15.4    12.7
## 12393 2009-11-22          Moree    27.2    40.2     0.0      16.0    11.8
## 12394 2009-11-23          Moree    23.3    39.4     0.0      14.0    10.0
## 12395 2009-11-24          Moree    22.8    34.9     0.6      13.0    12.1
## 12396 2009-11-25          Moree    20.6    35.4     0.0      12.0    12.9
## 12397 2009-11-26          Moree    21.2    36.0     0.0      13.6    12.9
## 12398 2009-11-27          Moree    24.7    36.6     0.0      14.4    11.7
## 12399 2009-11-28          Moree    19.8    40.3     0.0      14.6    13.1
## 12400 2009-11-29          Moree    20.6    33.1     0.0      16.6    12.5
## 12401 2009-11-30          Moree    14.9    29.8     0.0      15.0    13.2
## 12402 2009-12-01          Moree    13.7    31.2     0.0      11.2    11.1
## 12403 2009-12-02          Moree    16.0    30.2     0.0      12.0    11.0
## 12404 2009-12-03          Moree    15.4    32.0     0.0      10.0    13.4
## 12405 2009-12-04          Moree    18.1    35.7     0.0       9.4    13.2
## 12406 2009-12-05          Moree    22.7    38.4     0.0      13.6    13.1
## 12407 2009-12-06          Moree    17.4    38.0     0.0      19.6    13.1
## 12408 2009-12-07          Moree    19.7    41.2     0.0      11.4    13.1
## 12409 2009-12-08          Moree    24.1    42.3     0.0      16.0     9.6
## 12410 2009-12-09          Moree    23.6    39.5     0.2      19.6    10.2
## 12412 2009-12-11          Moree    22.2    33.0     0.0       9.7     5.3
## 12413 2009-12-12          Moree    11.4    33.2     0.0      15.0    10.9
## 12414 2009-12-13          Moree    13.9    37.0     0.0      10.0    12.6
## 12415 2009-12-14          Moree    19.3    37.7     0.0      11.0     8.2
## 12416 2009-12-15          Moree    24.2    38.0     0.0      11.8    10.7
## 12417 2009-12-16          Moree    22.1    36.5     0.0      13.4    12.3
## 12418 2009-12-17          Moree    22.8    36.2     0.0      13.6    12.8
## 12419 2009-12-18          Moree    23.1    36.3     0.0      14.8     4.9
## 12420 2009-12-19          Moree    20.3    33.1     0.0      12.0     7.0
## 12421 2009-12-20          Moree    20.3    30.9     0.0       8.4     9.0
## 12422 2009-12-21          Moree    17.8    34.4     0.0       9.8    13.0
## 12423 2009-12-22          Moree    18.3    29.6     7.8      13.6     3.8
## 12424 2009-12-23          Moree    16.3    35.3    15.8       6.6    13.2
## 12425 2009-12-24          Moree    20.8    36.2     0.0      11.0    10.8
## 12426 2009-12-25          Moree    22.9    35.6     0.0      13.6     5.0
## 12427 2009-12-26          Moree    23.7    32.5     0.0      10.5     0.0
## 12428 2009-12-27          Moree    22.6    31.3    19.0       8.2     6.6
## 12429 2009-12-28          Moree    21.6    31.7     6.8       5.6     3.5
## 12430 2009-12-29          Moree    21.3    23.8    34.2      10.0     0.0
## 12431 2009-12-30          Moree    21.6    23.2    26.6       3.4     0.0
## 12432 2009-12-31          Moree    19.8    28.5    12.8       6.0     0.0
## 12433 2010-01-01          Moree    20.6    23.9     1.2       5.2     0.0
## 12434 2010-01-02          Moree    21.5    28.9    15.4       2.4     4.2
## 12436 2010-01-04          Moree    20.1    32.6     0.0       7.8    12.7
## 12437 2010-01-05          Moree    19.4    30.6     0.0       9.6     6.5
## 12438 2010-01-06          Moree    21.5    33.2     0.0       6.0     9.4
## 12439 2010-01-07          Moree    21.6    33.2     0.0       8.2     6.4
## 12441 2010-01-09          Moree    19.6    33.2     0.0       8.0    13.0
## 12442 2010-01-10          Moree    20.1    35.6     0.0       6.2    12.8
## 12443 2010-01-11          Moree    20.9    36.7     0.4       9.2    13.3
## 12444 2010-01-12          Moree    23.8    36.2     0.0      10.6    13.4
## 12445 2010-01-13          Moree    24.3    36.7     0.0      10.6    11.0
## 12447 2010-01-15          Moree    21.8    32.9     0.0      10.0    12.0
## 12448 2010-01-16          Moree    21.6    32.9     0.0       9.6     9.9
```

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## 12449 2010-01-17        Moree    19.4    34.8     0.0      6.4    10.9
## 12450 2010-01-18        Moree    15.2    27.4    13.6     11.2    13.3
## 12451 2010-01-19        Moree    10.8    27.3     0.0     13.2    13.2
## 12452 2010-01-20        Moree    11.5    32.3     0.0     10.4    13.4
## 12453 2010-01-21        Moree    15.8    35.4     0.0      9.6    11.2
## 12454 2010-01-22        Moree    20.8    37.9     0.0      9.0    13.1
## 12455 2010-01-23        Moree    20.3    37.4     0.0     12.8    13.1
## 12456 2010-01-24        Moree    22.9    37.9     0.0     12.0    11.2
## 12457 2010-01-25        Moree    22.4    38.1     0.0     10.6    10.8
## 12458 2010-01-26        Moree    24.1    38.2     0.0     12.0    13.0
## 12459 2010-01-27        Moree    22.3    38.0     0.0     11.6    10.2
## 12463 2010-01-31        Moree    19.0    33.1     0.0     12.0     7.3
## 12464 2010-02-01        Moree    21.8    27.8     2.4      9.4     0.0
## 12465 2010-02-02        Moree    22.1    32.6     0.2      9.4     7.5
## 12466 2010-02-03        Moree    21.7    34.6     0.0     13.0     6.7
## 12467 2010-02-04        Moree    20.2    32.5     0.0     12.2     5.8
## 12470 2010-02-07        Moree    21.0    30.5     8.8      3.4     1.5
## 12471 2010-02-08        Moree    21.4    32.0     4.6      4.8     9.8
## 12472 2010-02-09        Moree    18.3    32.6     0.0      7.8    12.4
## 12473 2010-02-10        Moree    21.0    33.4     0.0      8.0    12.3
## 12475 2010-02-12        Moree    22.2    34.5     0.0      9.8    12.4
## 12477 2010-02-14        Moree    24.1    34.2     0.0      6.2     5.9
## 12478 2010-02-15        Moree    22.3    29.7     4.4      6.6     3.4
## 12479 2010-02-16        Moree    18.0    32.3     3.6      3.4    12.4
## 12480 2010-02-17        Moree    18.9    33.6     0.0      9.2    12.5
## 12481 2010-02-18        Moree    22.0    32.9     0.0      8.8     8.3
## 12482 2010-02-19        Moree    17.1    33.1     0.0      9.6    11.4
## 12483 2010-02-20        Moree    18.6    33.4     0.0      9.0    11.9
## 12484 2010-02-21        Moree    20.4    34.0     0.0     12.0    12.0
## 12485 2010-02-22        Moree    21.7    35.1     0.0      4.2    11.4
## 12486 2010-02-23        Moree    21.4    35.5     0.0      8.6     6.8
## 12490 2010-02-27        Moree    17.0    32.8     0.0      7.8    11.1
## 12491 2010-02-28        Moree    20.4    30.6     0.0      7.6     0.9
## 12492 2010-03-01        Moree    19.6    22.7     7.8      5.2     0.0
## 12493 2010-03-02        Moree    17.6    22.0    14.0      2.4     0.0
## 12494 2010-03-03        Moree    17.0    30.1     4.2      2.2     1.8
## 12495 2010-03-04        Moree    17.2    30.4     0.0      7.4     5.4
## 12496 2010-03-05        Moree    19.3    24.0     0.8      6.8     1.5
## 12497 2010-03-06        Moree    19.3    27.8    11.0      2.6     6.0
## 12498 2010-03-07        Moree    21.1    29.4     0.0      5.4     4.6
## 12499 2010-03-08        Moree    20.4    29.6     0.0      5.8     4.3
## 12500 2010-03-09        Moree    16.0    29.4     3.0      4.4    12.0
## 12501 2010-03-10        Moree    13.9    29.5     0.0      7.8    12.0
## 12502 2010-03-11        Moree    15.8    31.6     0.0      8.8    10.0
## 12503 2010-03-12        Moree    14.8    30.8     0.0     10.0    11.3
## 12504 2010-03-13        Moree    13.9    29.9     0.0      9.4     9.4
## 12505 2010-03-14        Moree    13.4    30.3     0.0      9.0    11.0
## 12506 2010-03-15        Moree    16.6    30.4     0.0      8.0     9.6
## 12507 2010-03-16        Moree    15.3    31.8     0.0      8.6    11.6
## 12508 2010-03-17        Moree    15.7    31.9     0.0      8.0    11.4
## 12509 2010-03-18        Moree    15.8    32.6     0.0      8.0    11.3
## 12510 2010-03-19        Moree    15.4    31.9     0.0      8.8    11.0
## 12511 2010-03-20        Moree    15.3    34.3     0.0      8.0    11.3
## 12512 2010-03-21        Moree    16.0    33.6     0.0      8.0    11.2
```

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## 12513 2010-03-22          Moree    15.8    35.1     0.0       7.6     9.6
## 12514 2010-03-23          Moree    17.7    34.3     0.0       7.8    11.3
## 12515 2010-03-24          Moree    18.3    33.4     0.0       8.6    10.5
## 12516 2010-03-25          Moree    18.9    32.0     0.0       8.8    10.9
## 12517 2010-03-26          Moree    19.9    32.7     0.0      11.0     9.7
## 12518 2010-03-27          Moree    20.9    33.7     0.0       5.2     7.7
## 12519 2010-03-28          Moree    21.8    32.3     0.0       8.0    10.1
## 12520 2010-03-29          Moree    19.5    31.1     0.0       8.8     8.6
## 12521 2010-03-30          Moree    20.5    27.7     0.0       6.8     2.9
## 12522 2010-03-31          Moree    17.5    25.7     8.0       3.4     6.3
## 12523 2010-04-01          Moree    13.6    29.0     0.0       4.0    11.0
## 12524 2010-04-02          Moree    12.0    29.5     0.0       4.0    10.1
## 12526 2010-04-04          Moree    18.3    27.8     0.0       6.8     8.2
## 12527 2010-04-05          Moree    16.6    28.1     0.0       6.0     8.1
## 12528 2010-04-06          Moree    18.8    26.8     0.0       7.0     1.6
## 12529 2010-04-07          Moree    18.5    24.7     1.8       3.6     0.0
## 12530 2010-04-08          Moree    17.5    29.4     9.4       1.8     8.8
## 12531 2010-04-09          Moree    11.9    28.1     0.0       4.0     9.0
## 12532 2010-04-10          Moree    18.2    30.5     0.0       5.0     9.0
## 12533 2010-04-11          Moree    16.7    31.5     0.0       7.2     4.5
## 12534 2010-04-12          Moree    15.8    22.4     0.0       6.4     0.4
## 12535 2010-04-13          Moree     6.2    26.2     0.0       5.8    11.1
## 12536 2010-04-14          Moree     9.5    28.1     0.0       5.4    10.9
## 12537 2010-04-15          Moree    11.7    28.7     0.0       5.2     9.8
## 12538 2010-04-16          Moree    14.1    28.9     0.0       5.4    11.1
## 12539 2010-04-17          Moree    11.7    29.0     0.0       6.6     9.3
## 12540 2010-04-18          Moree    13.6    29.1     0.0       6.8     9.9
## 12541 2010-04-19          Moree    14.0    27.8     0.0       6.0     5.1
## 12542 2010-04-20          Moree    13.6    28.3     1.0       3.0     9.3
## 12543 2010-04-21          Moree    17.0    29.9     0.0       6.2     9.9
## 12544 2010-04-22          Moree    16.8    29.8     0.0       6.6     9.5
## 12545 2010-04-23          Moree    15.3    29.8     0.0       7.0    10.4
## 12546 2010-04-24          Moree    16.0    31.1     0.0       4.0    10.1
## 12547 2010-04-25          Moree    18.1    26.1     0.0       7.8     1.4
## 12548 2010-04-26          Moree     5.1    24.8     0.2       3.2    11.0
## 12549 2010-04-27          Moree     7.5    24.4     0.0       5.8     3.6
## 12550 2010-04-28          Moree    12.4    27.5     0.0       4.4    10.7
## 12552 2010-04-30          Moree     7.5    25.9     0.0       8.0    10.7
## 12553 2010-05-01          Moree     8.9    28.4     0.0       3.6    10.5
## 12554 2010-05-02          Moree    11.8    28.3     0.0       4.0     8.7
## 12555 2010-05-03          Moree    13.9    27.8     0.0       4.8     7.0
## 12556 2010-05-04          Moree    15.9    25.6     0.0       5.4     2.8
## 12557 2010-05-05          Moree    11.6    27.8     0.0       4.8    10.1
## 12558 2010-05-06          Moree     4.3    21.2     0.0       4.4    10.1
## 12559 2010-05-07          Moree     2.7    23.2     0.0       6.6    10.2
## 12560 2010-05-08          Moree     3.2    25.3     0.0       2.8    10.6
## 12561 2010-05-09          Moree     7.2    25.8     0.0       4.6    10.3
## 12562 2010-05-10          Moree     9.3    26.5     0.0       3.6    10.6
## 12563 2010-05-11          Moree    10.1    27.2     0.0       3.0     9.4
## 12564 2010-05-12          Moree     7.1    19.5     0.0       6.2    10.5
## 12566 2010-05-14          Moree     1.8    22.1     0.0       4.8    10.1
## 12567 2010-05-15          Moree     3.4    23.4     0.0       5.4    10.0
## 12568 2010-05-16          Moree     6.5    22.8     0.0       3.0     2.1
## 12569 2010-05-17          Moree    10.7    16.1     0.0       3.2     0.9
```

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## 12570 2010-05-18        Moree     6.1   21.5    1.0        0.6     9.8
## 12571 2010-05-19        Moree     4.0   22.8    0.0        4.2    10.4
## 12572 2010-05-20        Moree     8.3   23.3    0.0        4.4     3.1
## 12573 2010-05-21        Moree    10.3   22.3    0.0        3.0     1.3
## 12574 2010-05-22        Moree     4.7   22.4    0.0        1.8    10.0
## 12575 2010-05-23        Moree     6.1   23.4    0.0        3.4    10.1
## 12576 2010-05-24        Moree     9.6   20.9    0.0        3.8     0.1
## 12577 2010-05-25        Moree    14.7   23.6    0.8        1.2     5.2
## 12578 2010-05-26        Moree    11.1   18.8    5.2        3.6     6.2
## 12579 2010-05-27        Moree    12.6   21.3    0.0        2.2     5.6
## 12580 2010-05-28        Moree     9.0   22.3    0.0        2.2     5.8
## 12581 2010-05-29        Moree    14.3   18.9    1.8        1.8     4.2
## 12582 2010-05-30        Moree     8.4   14.0   17.2        1.2     2.3
## 12583 2010-05-31        Moree    11.1   16.6    3.4        1.2     0.6
## 12584 2010-06-01        Moree     8.6   18.6    2.4        0.8     2.3
## 12585 2010-06-02        Moree    11.0   17.5    0.4        1.8     0.1
## 12586 2010-06-03        Moree    12.2   18.3    3.2        0.2     0.2
## 12587 2010-06-04        Moree     7.8   20.2    0.4        4.0     6.6
## 12588 2010-06-05        Moree     9.0   20.8    0.0        3.0     9.6
## 12589 2010-06-06        Moree     5.8   16.1    0.0        1.0     8.8
## 12590 2010-06-07        Moree     2.4   19.4    0.0        3.2     8.0
## 12591 2010-06-08        Moree     3.3   20.5    0.0        2.4    10.0
## 12592 2010-06-09        Moree     2.7   18.4    0.0        2.6     8.9
## 12593 2010-06-10        Moree     2.0   14.2    0.0        3.4     6.8
## 12594 2010-06-11        Moree     1.3   14.0    0.0        2.6     7.3
## 12595 2010-06-12        Moree     2.4   16.6    0.0        1.6     9.4
## 12596 2010-06-13        Moree     0.6   18.5    0.0        3.6     7.6
## 12598 2010-06-15        Moree     6.6   21.5    0.0        1.6    10.0
## 12599 2010-06-16        Moree     6.1   21.3    0.0        3.4    10.1
## 12600 2010-06-17        Moree     8.3   19.8    0.0        3.4     0.4
## 12602 2010-06-19        Moree     2.6   16.4    0.0        1.8     9.5
## 12603 2010-06-20        Moree     2.1   18.7    0.0        3.4     9.5
## 12604 2010-06-21        Moree     2.9   20.0    0.0        2.6    10.0
## 12605 2010-06-22        Moree     5.7   20.9    0.0        1.6     7.3
## 12606 2010-06-23        Moree     6.8   21.7    0.0        2.6     8.8
## 12607 2010-06-24        Moree    11.4   20.9    0.0        3.8     1.8
## 12608 2010-06-25        Moree    10.1   21.6    0.0        3.0     6.7
## 12609 2010-06-26        Moree    12.7   16.9    0.2        3.4     0.4
## 12610 2010-06-27        Moree     5.7   13.5    1.8        0.6     9.5
## 12611 2010-06-28        Moree    -3.3   13.2    0.2        3.8     8.9
## 12612 2010-06-29        Moree    -2.3   13.4    0.0        1.8     8.9
## 12613 2010-06-30        Moree    -1.6   13.7    0.0        1.4     8.5
## 12614 2010-07-01        Moree     1.9   14.2    0.0        3.0     1.2
## 12615 2010-07-02        Moree     6.5   10.2    0.0        2.1     0.0
## 12616 2010-07-03        Moree     4.9   11.6    6.0        0.2     6.8
## 12617 2010-07-04        Moree    -2.4   17.1    0.2        1.6     9.1
## 12618 2010-07-05        Moree     4.9   19.9    0.0        2.0     6.5
## 12619 2010-07-06        Moree    11.9   14.9    0.2        2.6     0.1
## 12620 2010-07-07        Moree     5.7   11.6    0.0        2.2     0.0
## 12621 2010-07-08        Moree     6.9   17.5    0.6        0.6     0.7
## 12622 2010-07-09        Moree     8.8   21.2    0.4        0.4    10.0
## 12623 2010-07-10        Moree     5.9   22.2    0.0        3.6     9.7
## 12624 2010-07-11        Moree    13.2   21.0    0.0        4.0     2.4
## 12625 2010-07-12        Moree    11.4   24.0    0.0        3.4     7.5
```

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## 12626 2010-07-13      Moree   13.3   23.2    0.0      3.4     3.5
## 12627 2010-07-14      Moree   11.2   17.2   19.0      5.6     7.2
## 12628 2010-07-15      Moree    6.2   15.9    0.0      3.4    10.1
## 12629 2010-07-16      Moree    0.3   14.6    0.0      3.4     8.3
## 12630 2010-07-17      Moree    1.4   18.3    0.0      2.2    10.1
## 12631 2010-07-18      Moree    4.5   22.4    0.0      2.4     9.3
## 12632 2010-07-19      Moree    9.6   14.8    0.6      3.4     0.2
## 12633 2010-07-20      Moree    3.8   14.7    3.8      0.8     4.3
## 12634 2010-07-21      Moree    1.3   15.9    0.0      1.4     9.7
## 12635 2010-07-22      Moree    1.0   17.8    0.0      2.2    10.2
## 12636 2010-07-23      Moree    0.9   18.2    0.0      4.0    10.2
## 12637 2010-07-24      Moree    5.8   19.5    0.0      2.4     6.6
## 12638 2010-07-25      Moree    8.1   19.9    0.0      2.4     6.0
## 12639 2010-07-26      Moree    6.1   21.0    0.0      2.4     9.1
## 12640 2010-07-27      Moree    7.8   22.1    0.0      2.8     6.9
## 12641 2010-07-28      Moree   12.3   18.1    3.8      3.4     1.1
## 12642 2010-07-29      Moree   12.1   17.4   16.0      1.6     0.0
## 12643 2010-07-30      Moree    9.4   23.4    0.4      0.4     6.2
## 12644 2010-07-31      Moree   13.6   17.7   32.6      5.9     1.8
## 12646 2010-08-02      Moree    4.4   13.4    0.0      2.8    10.3
## 12647 2010-08-03      Moree    5.8   17.3    0.0      3.2     9.5
## 12649 2010-08-05      Moree    3.3   19.0    0.0      2.3     9.5
## 12650 2010-08-06      Moree    2.3   14.9    0.0      3.2    10.5
## 12651 2010-08-07      Moree   -0.8   16.0    0.0      3.4    10.5
## 12652 2010-08-08      Moree    1.0   18.0    0.0      2.8    10.7
## 12653 2010-08-09      Moree    3.2   21.6    0.0      2.8     7.9
## 12654 2010-08-10      Moree   14.1   16.8    3.0      4.2     0.0
## 12655 2010-08-11      Moree    8.7   15.9   10.8      2.2     8.1
## 12657 2010-08-13      Moree    7.0   15.6    0.4      2.2     9.0
## 12658 2010-08-14      Moree    2.7   19.1    0.0      3.6    10.6
## 12659 2010-08-15      Moree    8.6   20.2    0.0      3.6     9.5
## 12660 2010-08-16      Moree    2.9   18.6    0.0      5.0    10.7
## 12661 2010-08-17      Moree    1.5   17.7    0.0      3.2    10.7
## 12662 2010-08-18      Moree    3.9   24.4    0.0      3.2    10.8
## 12663 2010-08-19      Moree   14.2   17.5    0.0      5.4     0.0
## 12664 2010-08-20      Moree   13.3   17.1    7.4      0.6     6.6
## 12665 2010-08-21      Moree    2.9   15.9    0.0      3.2     8.9
## 12666 2010-08-22      Moree    1.0   16.8    0.0      3.8     6.1
## 12667 2010-08-23      Moree    9.8   15.8    7.8      4.2     0.0
## 12668 2010-08-24      Moree    8.7   15.1    6.6      0.6     5.6
## 12669 2010-08-25      Moree   10.5   15.8    0.0      2.4     1.5
## 12670 2010-08-26      Moree    7.5   17.0    1.2      2.4     8.6
## 12671 2010-08-27      Moree    7.1   18.4    0.0      4.0    10.5
## 12672 2010-08-28      Moree    4.7   17.1    0.0      4.0    10.0
## 12673 2010-08-29      Moree    2.9   20.0    0.0      4.0    10.9
## 12674 2010-08-30      Moree    5.6   20.9    0.0      3.2    10.8
## 12675 2010-08-31      Moree    4.9   23.2    0.0      3.4    10.6
## 12676 2010-09-01      Moree   10.0   25.0    0.0      4.4    10.9
## 12677 2010-09-02      Moree   14.5   26.9    0.0      5.4     6.0
## 12678 2010-09-03      Moree   14.1   27.4    0.0      4.0     2.9
## 12679 2010-09-04      Moree   17.2   23.5    3.2      3.8     1.1
## 12680 2010-09-05      Moree   12.1   19.8   23.4      5.2     8.5
## 12681 2010-09-06      Moree    7.6   19.0    0.0      4.8    11.2
## 12682 2010-09-07      Moree    5.3   19.4    0.0      3.4    10.9
```

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## 12683 2010-09-08        Moree    4.8   20.9    0.0      3.8     10.0
## 12684 2010-09-09        Moree    7.8   22.8    0.0      3.4      1.2
## 12685 2010-09-10        Moree   16.9   24.0   29.4      3.8      6.8
## 12687 2010-09-12        Moree    5.9   22.0    0.0      4.0      8.7
## 12688 2010-09-13        Moree   13.6   21.3    0.4      3.4      4.7
## 12689 2010-09-14        Moree   14.1   26.6    0.8      2.8     10.4
## 12690 2010-09-15        Moree   10.0   19.9    0.0      5.4      9.5
## 12691 2010-09-16        Moree    6.1   17.6    0.0      5.2      4.9
## 12692 2010-09-17        Moree    7.4   14.7    0.0      4.0      1.8
## 12693 2010-09-18        Moree    2.0   17.7    0.0      2.6      6.4
## 12694 2010-09-19        Moree    9.2   14.0    0.0      3.6      0.0
## 12695 2010-09-20        Moree    9.8   19.1    5.0      0.8      0.6
## 12696 2010-09-21        Moree   13.0   24.7    0.0      0.4      6.9
## 12697 2010-09-22        Moree   11.7   25.1    0.0      3.4      7.2
## 12698 2010-09-23        Moree   14.6   21.7    0.0      4.6      4.5
## 12700 2010-09-25        Moree   13.1   25.9    0.0      3.4      6.5
## 12701 2010-09-26        Moree   13.0   26.5    0.0      5.4      9.4
## 12702 2010-09-27        Moree   13.9   26.2    0.0      5.0      9.8
## 12703 2010-09-28        Moree   13.5   27.4    7.0      4.6     10.0
## 12704 2010-09-29        Moree    9.0   20.8    0.0      6.4     11.1
## 12705 2010-09-30        Moree    2.7   22.0    0.0      6.8     11.3
## 12706 2010-10-01        Moree    9.9   22.3    0.0      3.6      3.4
## 12707 2010-10-02        Moree   12.1   21.8    0.0      4.0      0.4
## 12708 2010-10-03        Moree   13.3   18.8    0.0      4.2      0.0
## 12709 2010-10-04        Moree   14.7   26.6   20.2      1.8     10.5
## 12710 2010-10-05        Moree   11.9   28.0    3.2      5.8     11.3
## 12711 2010-10-06        Moree   14.9   27.6    0.0      6.4     11.2
## 12712 2010-10-07        Moree   14.2   27.0    0.0      4.4      2.6
## 12713 2010-10-08        Moree   12.5   18.2    0.0      6.2      1.0
## 12714 2010-10-09        Moree   13.6   24.3    5.2      0.6      3.6
## 12715 2010-10-10        Moree   11.9   23.8    0.0      4.8      2.9
## 12716 2010-10-11        Moree   13.0   22.6    0.0      6.0      1.3
## 12717 2010-10-12        Moree   11.5   27.7    0.0      4.4      9.9
## 12718 2010-10-13        Moree   11.7   25.2    0.0      6.2      7.3
## 12719 2010-10-14        Moree   16.3   21.6    0.0      7.8      0.7
## 12720 2010-10-15        Moree   17.7   19.2    2.6      1.6      0.0
## 12721 2010-10-16        Moree    8.1   15.6   28.0      6.6      6.2
## 12722 2010-10-17        Moree    2.6   19.1    0.2      6.2     11.7
## 12723 2010-10-18        Moree    5.2   23.1    0.0      4.6     12.1
## 12724 2010-10-19        Moree    7.5   26.0    0.0      5.4     12.0
## 12725 2010-10-20        Moree   12.0   27.4    0.0      6.0     12.4
## 12726 2010-10-21        Moree   14.8   22.8    0.0      6.4      2.1
## 12727 2010-10-22        Moree   13.7   26.2    0.0      2.4     10.8
## 12728 2010-10-23        Moree   12.7   28.5    8.8      6.2     12.2
## 12729 2010-10-24        Moree   14.7   20.1    0.0      5.8      1.9
## 12730 2010-10-25        Moree   10.5   25.2   12.4      2.4     11.8
## 12731 2010-10-26        Moree   14.1   26.9    0.0      4.4      6.4
## 12732 2010-10-27        Moree   12.7   30.0    0.0      4.4     11.3
## 12733 2010-10-28        Moree   12.3   30.8    0.0      6.6     12.2
## 12734 2010-10-29        Moree   14.3   30.2    0.0      9.2     11.2
## 12735 2010-10-30        Moree   17.2   28.9    0.0      8.0      8.8
## 12736 2010-10-31        Moree   18.9   29.8    0.0      9.0      7.0
## 12737 2010-11-01        Moree   14.2   17.7    0.0      7.4      1.0
## 12738 2010-11-02        Moree    7.8   22.2   14.8      1.4     12.5
```

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## 12739 2010-11-03        Moree     8.0    25.5     0.0       7.0     12.3
## 12740 2010-11-04        Moree    10.9    27.1     0.0       6.6     10.7
## 12741 2010-11-05        Moree    15.2    25.5     0.0       6.2      4.9
## 12742 2010-11-06        Moree    10.8    27.4     8.2       4.8     12.2
## 12743 2010-11-07        Moree    13.3    29.2     0.0       8.0     11.0
## 12744 2010-11-08        Moree    15.6    29.4     2.8       9.0      7.0
## 12745 2010-11-09        Moree    18.4    30.2     6.8       7.6      9.2
## 12746 2010-11-10        Moree    17.3    30.4     0.0       8.0     12.6
## 12748 2010-11-12        Moree    16.0    32.0     0.0       5.2     10.6
## 12749 2010-11-13        Moree    20.1    32.2     0.0      11.4     10.8
## 12750 2010-11-14        Moree    19.5    31.3     0.0       9.6      6.3
## 12751 2010-11-15        Moree    21.6    23.8     0.0       8.4      0.0
## 12752 2010-11-16        Moree    17.9    27.6    24.4       3.8      3.5
## 12753 2010-11-17        Moree    18.3    28.0     1.0       3.4      5.6
## 12754 2010-11-18        Moree    19.0    22.2     0.0       5.6      0.0
## 12755 2010-11-19        Moree    13.6    29.3    13.4       1.4      9.0
## 12756 2010-11-20        Moree    15.2    29.7     0.0       7.6     10.2
## 12757 2010-11-21        Moree    15.5    23.5     0.0       9.2      2.2
## 12758 2010-11-22        Moree    13.8    27.4     0.0       4.2      6.6
## 12759 2010-11-23        Moree    17.1    28.9     0.0       8.4     10.3
## 12760 2010-11-24        Moree    15.3    29.5     0.0      10.2     11.1
## 12761 2010-11-25        Moree    14.0    29.2     0.0       9.0     12.7
## 12762 2010-11-26        Moree    15.2    28.2     0.0       8.0      6.2
## 12763 2010-11-27        Moree    17.6    30.2     0.0       8.0      9.1
## 12764 2010-11-28        Moree    19.1    27.0     0.0      12.0      0.7
## 12765 2010-11-29        Moree    18.7    27.2     0.0       6.4      3.5
## 12766 2010-11-30        Moree    18.5    23.6    30.6       7.0      0.2
## 12767 2010-12-01        Moree    18.2    26.1     8.2       2.2      5.0
## 12768 2010-12-02        Moree    19.3    26.4     1.2       5.0      1.5
## 12769 2010-12-03        Moree    20.0    25.2     0.0       4.0      0.0
## 12770 2010-12-04        Moree    18.3    22.3     3.8       3.8      0.2
## 12771 2010-12-05        Moree    17.0    29.2     2.2       3.2      8.4
## 12772 2010-12-06        Moree    18.8    29.4     0.0       3.6      6.8
## 12773 2010-12-07        Moree    17.2    31.3     1.4       9.2     10.7
## 12774 2010-12-08        Moree    19.5    31.3     0.0       9.8      8.2
## 12775 2010-12-09        Moree    21.3    33.4     0.0       6.4     11.1
## 12776 2010-12-10        Moree    21.0    27.1     1.4       9.4      1.2
## 12777 2010-12-11        Moree    20.6    24.9     9.2       2.4      0.1
## 12778 2010-12-12        Moree    16.5    31.4     0.2       1.4     10.8
## 12779 2010-12-13        Moree    16.2    32.4     0.0       8.0     13.3
## 12780 2010-12-14        Moree    18.0    32.2     0.0       9.4      9.4
## 12781 2010-12-15        Moree    17.3    35.0     0.4       7.4     12.8
## 12782 2010-12-16        Moree    20.8    32.4     0.2       9.0      5.0
## 12783 2010-12-17        Moree    20.3    28.8     1.4       6.0      3.1
## 12784 2010-12-18        Moree    17.5    23.6     0.4       5.4      1.1
## 12785 2010-12-19        Moree    16.7    21.9     1.0       4.0      0.0
## 12786 2010-12-20        Moree    10.8    23.1     1.0       2.2     13.5
## 12787 2010-12-21        Moree     8.1    28.9     0.0       9.2     13.0
## 12788 2010-12-22        Moree    12.7    30.7     0.0       9.3      9.2
## 12789 2010-12-23        Moree    19.0    27.3     0.0       8.4      1.0
## 12790 2010-12-24        Moree    18.7    30.7     0.2       3.0      5.2
## 12793 2010-12-27        Moree    18.2    32.6     0.4      17.2      7.2
## 12794 2010-12-28        Moree    16.2    34.0     0.0       9.6     10.1
## 12795 2010-12-29        Moree    15.9    34.1     0.0      10.8     12.4
```

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## 12796 2010-12-30        Moree   19.1   36.1     0.0      8.2   12.7
## 12797 2010-12-31        Moree   20.6   36.9     0.0     12.8   11.8
## 12798 2011-01-01        Moree   20.2   35.7     0.0     12.0   13.5
## 12799 2011-01-02        Moree   22.6   34.3     0.0      9.2    5.4
## 12800 2011-01-03        Moree   20.3   34.9     9.4      6.8   10.3
## 12801 2011-01-04        Moree   18.9   33.6     1.4      6.6   10.7
## 12802 2011-01-05        Moree   21.6   26.9     0.0      8.0    1.7
## 12803 2011-01-06        Moree   15.6   30.2     3.2      2.4   11.3
## 12804 2011-01-07        Moree   19.5   31.8     0.0     13.4    6.3
## 12805 2011-01-08        Moree   16.5   33.8     0.0      7.6   12.5
## 12806 2011-01-09        Moree   22.1   32.9     0.0     11.0    4.1
## 12807 2011-01-10        Moree   21.0   28.1     1.0      9.8    1.3
## 12808 2011-01-11        Moree   21.6   31.6     6.2      5.6    7.9
## 12809 2011-01-12        Moree   20.3   33.8     0.0      8.0    9.1
## 12810 2011-01-13        Moree   22.1   33.6     0.0     10.2   13.3
## 12814 2011-01-17        Moree   22.4   37.9     0.0      7.6   11.7
## 12815 2011-01-18        Moree   19.3   36.9     0.0     10.0   12.7
## 12816 2011-01-19        Moree   19.5   36.9     0.0     13.2   13.0
## 12817 2011-01-20        Moree   19.0   35.5     0.0     11.0   10.3
## 12818 2011-01-21        Moree   17.8   33.6     0.0      8.0   11.1
## 12819 2011-01-22        Moree   17.8   34.4     0.0     13.2   10.6
## 12820 2011-01-23        Moree   18.6   33.1     0.0     10.8   10.3
## 12821 2011-01-24        Moree   19.6   34.6     0.0      8.0   12.1
## 12822 2011-01-25        Moree   22.1   40.2     0.0     11.6   12.8
## 12823 2011-01-26        Moree   24.6   41.4     0.0     12.4   12.8
## 12824 2011-01-27        Moree   25.2   39.9     0.0     13.0   12.2
## 12825 2011-01-28        Moree   22.4   40.4     1.4     12.4   10.8
## 12826 2011-01-29        Moree   20.1   33.1     5.0     11.4   12.1
## 12827 2011-01-30        Moree   17.6   34.1     0.0     12.4   13.2
## 12828 2011-01-31        Moree   19.8   36.8     0.0     11.4   14.0
## 12829 2011-02-01        Moree   22.9   37.1     0.0     11.4   12.8
## 12830 2011-02-02        Moree   25.7   38.9     0.0     13.2   12.4
## 12831 2011-02-03        Moree   25.0   37.6     0.0     14.2   11.9
## 12832 2011-02-04        Moree   25.3   37.4     0.0     12.0   12.5
## 12833 2011-02-05        Moree   25.0   37.4     0.0     13.0   12.7
## 12834 2011-02-06        Moree   25.3   37.1     0.0     14.6   11.2
## 12835 2011-02-07        Moree   26.1   34.6     0.0     10.4    3.9
## 12836 2011-02-08        Moree   21.3   31.2    13.4      5.0    7.8
## 12837 2011-02-09        Moree   20.0   33.0    10.8      7.8   12.3
## 12838 2011-02-10        Moree   18.7   33.4     0.0      8.8   11.0
## 12839 2011-02-11        Moree   19.0   33.5     0.0      9.0   11.7
## 12841 2011-02-13        Moree   22.6   36.2     0.0      9.8   11.0
## 12843 2011-02-15        Moree   20.2   29.1    15.0      7.0    0.1
## 12844 2011-02-16        Moree   19.9   32.3     1.0      4.8   12.1
## 12845 2011-02-17        Moree   20.1   33.4     0.0      7.8   11.9
## 12846 2011-02-18        Moree   22.0   34.2     0.0      8.0   11.3
## 12847 2011-02-19        Moree   22.2   34.9     0.0      9.8   12.0
## 12848 2011-02-20        Moree   24.0   37.5     0.0      9.0   10.3
## 12849 2011-02-21        Moree   23.8   34.5     0.0      8.4    9.8
## 12850 2011-02-22        Moree   20.5   33.7     0.0     13.0   11.6
## 12851 2011-02-23        Moree   15.0   30.0     0.0     10.4   12.6
## 12852 2011-02-24        Moree   15.5   31.8     0.0      8.0   12.3
## 12853 2011-02-25        Moree   17.9   32.2     0.0      8.6   11.3
## 12854 2011-02-26        Moree   18.7   33.9     0.0      8.0    9.4
```

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## 12855 2011-02-27       Moree    21.5    35.7    0.0      7.8     9.7
## 12856 2011-02-28       Moree    23.3    37.6    0.0     10.0    10.8
## 12857 2011-03-01       Moree    25.0    38.6    0.0     10.6     9.5
## 12858 2011-03-02       Moree    21.0    34.2    7.6     11.8     8.8
## 12859 2011-03-03       Moree    22.5    30.9    0.2      9.0     2.2
## 12863 2011-03-07       Moree    14.4    30.0    0.0     20.4    11.8
## 12864 2011-03-08       Moree    14.9    30.0    0.0      9.6    10.1
## 12865 2011-03-09       Moree    17.6    29.6    0.0      7.6     8.4
## 12866 2011-03-10       Moree    19.8    30.9    0.0      8.0     7.1
## 12869 2011-03-13       Moree    18.4    33.2    0.0     15.2    11.6
## 12870 2011-03-14       Moree    18.7    34.5    0.0      8.6    11.7
## 12871 2011-03-15       Moree    20.1    34.1    0.0      8.8    11.1
## 12872 2011-03-16       Moree    20.3    33.3    0.0      8.8     6.9
## 12873 2011-03-17       Moree    23.3    32.6    0.0      7.0     2.0
## 12877 2011-03-21       Moree    19.3    30.0    2.4      4.8     3.6
## 12878 2011-03-22       Moree    20.4    30.0    6.8      4.6     8.5
## 12879 2011-03-23       Moree    18.1    27.8    0.0      6.6     4.3
## 12883 2011-03-27       Moree    15.0    29.2    0.0     13.4     7.3
## 12884 2011-03-28       Moree    13.1    30.6    0.0      7.2    10.4
## 12885 2011-03-29       Moree    15.3    28.9    0.0      8.0     8.1
## 12886 2011-03-30       Moree    14.4    30.2    0.0      4.8    11.3
## 12889 2011-05-02       Moree    10.9    26.2    0.0      6.0     6.8
## 12890 2011-05-03       Moree    13.8    17.4    0.0      5.2     0.0
## 12891 2011-05-04       Moree    11.0    23.7    1.2      0.6     7.2
## 12892 2011-05-05       Moree     7.3    23.9    0.0      4.4    10.6
## 12895 2011-05-08       Moree     6.9    24.9    0.0      5.0     5.2
## 12896 2011-05-09       Moree    11.0    23.7    0.2      4.2     4.0
## 12897 2011-05-10       Moree     4.1    20.8    0.0      5.4    10.2
## 12898 2011-05-11       Moree     1.7    18.3    0.0      4.8    10.0
## 12899 2011-05-12       Moree     6.2    18.0    0.0      5.4     8.7
## 12903 2011-05-16       Moree     1.8    21.7    0.0     12.8    10.5
## 12905 2011-05-18       Moree     4.3    23.6    0.0      4.4     9.7
## 12906 2011-05-19       Moree     7.0    24.2    0.0      3.8    10.0
## 12909 2011-05-22       Moree    11.0    24.4    0.0      7.0     5.1
## 12910 2011-05-23       Moree    14.8    18.5   18.4      5.2     0.0
## 12911 2011-05-24       Moree     9.3    15.5    0.2      1.8     5.1
## 12912 2011-05-25       Moree     7.8    14.3    1.6      1.4     5.7
## 12917 2011-05-30       Moree     6.6    19.4    0.0      7.8     5.6
## 12918 2011-05-31       Moree     7.8    17.4    0.8      2.4     6.1
## 12919 2011-06-01       Moree     5.6    23.1    0.0      2.0     9.9
## 12920 2011-06-02       Moree     6.7    22.6    0.0      4.0     9.5
## 12921 2011-06-03       Moree     4.7    21.3    0.0      2.4     9.9
## 12922 2011-06-04       Moree     4.9    22.5    0.0      2.6     9.0
## 12923 2011-06-05       Moree     7.6    23.9    0.0      3.6     7.0
## 12924 2011-06-06       Moree     7.4    18.9    0.0      3.6     7.5
## 12925 2011-06-07       Moree     4.9    19.1    0.0      3.8     5.4
## 12926 2011-06-08       Moree     2.8    16.5    0.0      2.2     7.0
## 12927 2011-06-09       Moree    -1.2    11.7    0.0      3.2     2.1
## 12928 2011-06-10       Moree    -2.8    15.6    0.0      0.8     9.9
## 12929 2011-06-11       Moree     2.4    18.2    0.0      3.2     2.9
## 12930 2011-06-12       Moree     8.2    17.7   12.2      1.2     1.8
## 12931 2011-06-13       Moree    10.0    16.5    0.6      1.6     0.2
## 12932 2011-06-14       Moree    10.6    12.0   21.6      3.0     0.0
## 12933 2011-06-15       Moree    11.0    15.4   19.4      2.6     1.0
```

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## 12934 2011-06-16      Moree    6.0   19.2    0.6      1.4     9.9
## 12935 2011-06-17      Moree    5.6   17.3    0.0      1.0     8.7
## 12936 2011-06-18      Moree    4.6   15.6    0.0      4.4     9.8
## 12937 2011-06-19      Moree    3.8   16.9    0.0      3.2     9.1
## 12938 2011-06-20      Moree    2.6   17.7    0.0      2.2     9.9
## 12940 2011-06-22      Moree    4.2   14.3    0.4      4.0     7.5
## 12941 2011-06-23      Moree    0.6   16.6    0.0      2.4     9.8
## 12943 2011-06-25      Moree    3.7   20.9    0.0      2.0     9.9
## 12944 2011-06-26      Moree    5.5   21.4    0.0      2.8    10.0
## 12945 2011-06-27      Moree    5.5   20.0    0.0      2.4     2.2
## 12946 2011-06-28      Moree    5.7   22.1    0.0      2.6     7.8
## 12947 2011-06-29      Moree    8.4   21.5    0.0      3.4     6.5
## 12948 2011-06-30      Moree    5.9   19.8    0.0      3.6     9.9
## 12949 2011-07-01      Moree    4.9   20.1    0.0      4.4    10.0
## 12950 2011-07-02      Moree    6.1   20.7    0.0      2.8     9.8
## 12951 2011-07-03      Moree    5.4   20.0    0.0      2.2     5.1
## 12952 2011-07-04      Moree    8.1   23.4    0.0      2.8     5.5
## 12953 2011-07-05      Moree    6.5   17.4    0.2      3.2    10.1
## 12954 2011-07-06      Moree    0.9   16.6    0.0      3.6     8.2
## 12955 2011-07-07      Moree    3.2   17.6    0.0      3.0     9.8
## 12956 2011-07-08      Moree    0.8   14.4    0.0      3.0     9.2
## 12957 2011-07-09      Moree   -1.2   13.0    0.0      2.0     9.9
## 12958 2011-07-10      Moree   -2.2   14.6    0.0      4.6     9.7
## 12959 2011-07-11      Moree    0.0   15.7    0.0      2.8    10.0
## 12960 2011-07-12      Moree   -3.2   15.7    0.0      3.2     9.1
## 12961 2011-07-13      Moree    1.8   13.1    0.0      2.4     0.3
## 12962 2011-07-14      Moree    6.4   13.9    0.4      2.4     0.6
## 12963 2011-07-15      Moree    2.8   19.0    0.0      2.0     3.2
## 12964 2011-07-16      Moree    8.2   13.0    2.2      2.6     0.0
## 12965 2011-07-17      Moree    9.9   14.5    3.2      1.0     0.1
## 12966 2011-07-18      Moree    5.3   15.9    0.2      1.0     2.9
## 12967 2011-07-19      Moree    0.5   13.0    0.2      1.4     8.6
## 12968 2011-07-20      Moree    5.9   18.8    0.0      3.2     6.2
## 12969 2011-07-21      Moree    3.5   18.9    0.0      3.0     9.9
## 12970 2011-07-22      Moree    4.6   19.6    0.0      3.0    10.1
## 12971 2011-07-23      Moree    3.3   18.6    0.0      3.4     9.9
## 12972 2011-07-24      Moree    1.0   18.0    0.0      3.6     9.7
## 12973 2011-07-25      Moree    1.2   20.0    0.0      3.6     7.7
## 12974 2011-07-26      Moree    3.4   18.0    0.6      2.8     9.0
## 12975 2011-07-27      Moree    1.1   17.7    0.0      3.0    10.4
## 12976 2011-07-28      Moree    0.7   19.4    0.0      3.6    10.4
## 12977 2011-07-29      Moree    3.5   20.2    0.0      2.8    10.5
## 12978 2011-07-30      Moree    4.2   20.6    0.0      2.6     8.4
## 12979 2011-07-31      Moree    3.9   21.6    0.0      3.0    10.5
## 12980 2011-08-01      Moree    5.4   23.4    0.0      3.2    10.4
## 12981 2011-08-02      Moree    7.8   23.9    0.0      3.8     9.0
## 12982 2011-08-03      Moree    5.8   23.4    0.0      4.2    10.4
## 12983 2011-08-04      Moree    5.9   22.9    0.0      3.8    10.3
## 12984 2011-08-05      Moree    6.6   22.4    0.0      3.8     9.9
## 12985 2011-08-06      Moree   14.2   22.6    0.0      5.0     6.6
## 12986 2011-08-07      Moree   10.8   19.4    0.0      3.8     1.2
## 12987 2011-08-08      Moree    1.5   17.7    1.0      2.0    10.3
## 12988 2011-08-09      Moree    4.6   16.4    0.0      2.6     8.2
## 12989 2011-08-10      Moree    3.1   18.5    0.0      3.2     7.9
```

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## 12990 2011-08-11        Moree      6.7    15.5     1.0      3.2      5.5
## 12991 2011-08-12        Moree      1.3    19.0     0.2      2.0      9.5
## 12992 2011-08-13        Moree      3.8    21.6     0.0      3.4      9.8
## 12993 2011-08-14        Moree      6.5    21.5     0.0      3.8      7.0
## 12994 2011-08-15        Moree      5.7    22.1     0.0      3.8     10.3
## 12995 2011-08-16        Moree      6.8    23.4     0.0      3.2     10.0
## 12996 2011-08-17        Moree     10.6    23.4     0.0      5.0      5.8
## 12998 2011-08-19        Moree      5.8    14.8     0.2      2.4      5.7
## 12999 2011-08-20        Moree      5.1    19.5     1.2      1.8      8.8
## 13000 2011-08-21        Moree      2.1    20.3     0.0      3.6      7.9
## 13001 2011-08-22        Moree      4.7    22.1     0.0      4.8     10.8
## 13002 2011-08-23        Moree      4.9    23.9     0.0      5.4     11.0
## 13003 2011-08-24        Moree      7.6    22.4     0.0      5.2     11.0
## 13006 2011-08-27        Moree     13.9    16.0    11.2      5.4      0.2
## 13007 2011-08-28        Moree      7.1    19.9    20.8      2.2      7.5
## 13008 2011-08-29        Moree      7.3    25.1     0.0      2.4     10.3
## 13009 2011-08-30        Moree      9.1    22.3     8.0      5.4     11.1
## 13010 2011-08-31        Moree      4.8    22.1     0.0      3.6     11.0
## 13011 2011-09-01        Moree      6.4    22.6     0.0      3.6     11.0
## 13012 2011-09-02        Moree      8.1    23.6     0.0      3.4     10.8
## 13013 2011-09-03        Moree      8.3    23.3     0.0      4.6     11.0
## 13015 2011-09-05        Moree      7.0    23.4     0.0      4.4     11.0
## 13016 2011-09-06        Moree      8.5    23.5     0.0      4.6     10.8
## 13017 2011-09-07        Moree     10.3    26.9     0.0      4.4     10.5
## 13020 2011-09-10        Moree      4.8    14.5    16.2     11.8     11.0
## 13021 2011-09-11        Moree      2.9    16.8     0.0      2.8      9.0
## 13022 2011-09-12        Moree      3.5    18.5     0.0      5.2     11.2
## 13023 2011-09-13        Moree      4.0    21.4     0.0      4.4     11.3
## 13024 2011-09-14        Moree      3.8    23.4     0.0      4.2     11.3
## 13028 2011-09-18        Moree     12.1    30.6     0.0      5.2      9.9
## 13029 2011-09-19        Moree     11.3    30.3     0.0      5.4     11.0
## 13030 2011-09-20        Moree     15.1    28.1     0.0     12.4     10.3
## 13031 2011-09-21        Moree      7.0    23.9     0.0      7.0      8.8
## 13033 2011-09-23        Moree     12.3    28.8     0.0      4.6     10.5
## 13034 2011-09-24        Moree     12.2    30.2     0.0      5.0      7.5
## 13035 2011-09-25        Moree     12.1    24.2     0.0      9.2     11.2
## 13036 2011-09-26        Moree      6.1    25.4     0.0      9.0     11.4
## 13037 2011-09-27        Moree      9.8    25.5     0.0      9.0     10.1
## 13038 2011-09-28        Moree     14.2    17.9     0.0      5.6      0.0
## 13039 2011-09-29        Moree     14.6    20.9    37.2      5.8      8.9
## 13041 2011-10-01        Moree      8.6    17.0     1.8      6.6      5.3
## 13042 2011-10-02        Moree      4.8    18.0     4.4      5.2      8.5
## 13043 2011-10-03        Moree      4.7    21.3     0.0      3.8     11.5
## 13044 2011-10-04        Moree      6.0    22.7     0.0      5.4     12.0
## 13045 2011-10-05        Moree      9.2    18.2     0.0      5.6      0.3
## 13046 2011-10-06        Moree     13.3    16.6     5.0      2.6      0.3
## 13047 2011-10-07        Moree     12.4    23.5     1.8      0.4      6.9
## 13050 2011-10-10        Moree     13.2    23.8     0.4      5.2      8.8
## 13051 2011-10-11        Moree      8.7    25.1     0.0      3.8     12.0
## 13052 2011-10-12        Moree      6.7    25.7     0.0      7.0     12.2
## 13053 2011-10-13        Moree      9.3    28.0     0.0      7.0      8.6
## 13054 2011-10-14        Moree     13.7    29.0     0.0      6.0      9.5
## 13057 2011-10-17        Moree      9.8    27.4     0.0     11.0      9.0
## 13058 2011-10-18        Moree     13.9    24.4     0.0      6.6     11.6
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## 13059 2011-10-19        Moree    10.3    25.7      0.0       7.0     12.0
## 13060 2011-10-20        Moree    11.3    26.3      0.0       6.6     12.2
## 13061 2011-10-21        Moree    11.9    28.2      0.0       2.4     11.8
## 13062 2011-10-22        Moree    13.5    29.0      0.0       4.8     10.8
## 13063 2011-10-23        Moree    14.3    28.1      0.0      13.0     10.9
## 13064 2011-10-24        Moree    15.7    29.2      0.0       7.0     11.1
## 13065 2011-10-25        Moree    17.4    32.6      0.0       8.4      6.4
## 13066 2011-10-26        Moree    16.6    28.8      5.2       5.8      9.4
## 13067 2011-10-27        Moree    16.0    27.1      0.2       6.6     10.4
## 13068 2011-10-28        Moree    15.1    28.4      0.0       5.4     10.8
## 13069 2011-10-29        Moree    18.0    28.3      0.0       7.4      8.2
## 13070 2011-10-30        Moree    18.3    32.2      0.0       6.4     11.7
## 13071 2011-10-31        Moree     9.9    29.4      0.0       9.8     12.4
## 13072 2011-11-01        Moree    15.5    26.8      0.0      10.0      6.4
## 13073 2011-11-02        Moree    11.9    30.7      0.0       4.8     12.9
## 13074 2011-11-03        Moree    12.0    29.8      0.0       9.4     13.0
## 13075 2011-11-04        Moree    13.2    31.2      0.0      10.6     12.8
## 13076 2011-11-05        Moree    17.4    31.0      0.0       9.0      9.9
## 13077 2011-11-06        Moree    20.0    22.4      0.0      10.0      0.1
## 13078 2011-11-07        Moree    18.3    32.9      0.6       1.6      8.4
## 13079 2011-11-08        Moree    19.9    34.6      0.0       8.8     10.7
## 13080 2011-11-09        Moree    20.5    34.2      0.0      11.2     10.4
## 13081 2011-11-10        Moree    19.1    29.1      0.0      10.6      3.4
## 13082 2011-11-11        Moree    15.9    34.4      0.0       7.0     13.2
## 13083 2011-11-12        Moree    19.7    32.4      0.0       9.6      9.6
## 13084 2011-11-13        Moree    20.4    34.0      0.0       5.8      7.0
## 13085 2011-11-14        Moree    20.5    36.8      0.0       9.0     12.7
## 13086 2011-11-15        Moree    21.1    39.7      0.0      11.0     11.3
## 13087 2011-11-16        Moree    25.5    37.1      0.0      12.8      7.1
## 13088 2011-11-17        Moree    20.2    33.3      0.0      11.8      5.2
## 13089 2011-11-18        Moree    21.5    29.5      0.0      10.2      3.9
## 13090 2011-11-19        Moree    19.9    34.6      0.0       6.8     12.6
## 13091 2011-11-20        Moree    20.8    34.9      0.0      13.2     12.3
## 13092 2011-11-21        Moree    22.1    35.0      0.0      12.2      9.7
## 13093 2011-11-22        Moree    19.3    32.9      0.0      11.4      7.6
## 13094 2011-11-23        Moree    20.3    22.1     23.4      13.8      0.0
## 13095 2011-11-24        Moree    19.2    24.9     45.6       4.8      1.0
## 13096 2011-11-25        Moree    19.1    21.8     39.4       2.2      0.0
## 13097 2011-11-26        Moree    19.5    27.5    113.0      12.1      8.5
## 13098 2011-11-27        Moree    18.9    29.1      0.2       6.6     10.6
## 13099 2011-11-28        Moree    16.7    31.5      0.0       8.6     13.1
## 13100 2011-11-29        Moree    21.4    32.4      0.0       9.0     11.8
## 13101 2011-11-30        Moree    20.2    30.7      0.0      10.0      6.1
## 13102 2011-12-01        Moree    20.1    24.8      7.0       6.6      5.7
## 13103 2011-12-02        Moree    12.7    26.3      2.0       5.8     13.4
## 13104 2011-12-03        Moree    14.2    27.1      0.0       7.6     11.4
## 13105 2011-12-04        Moree    15.2    28.7      0.0       5.8     11.1
## 13106 2011-12-05        Moree    15.4    29.2      0.0       6.8      8.8
## 13107 2011-12-06        Moree    14.7    19.9     19.4      10.0      0.0
## 13108 2011-12-07        Moree    13.7    20.6      8.4       2.2      0.0
## 13109 2011-12-08        Moree    14.6    25.1     27.2       4.6      7.8
## 13110 2011-12-09        Moree    16.2    26.2     17.8       7.8      5.5
## 13111 2011-12-10        Moree    17.5    28.0     13.8       2.0      8.9
## 13112 2011-12-11        Moree    19.8    28.5      0.0       5.2      7.8
```

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## 13113 2011-12-12         Moree    18.5   27.9   14.0     7.0    12.5
## 13114 2011-12-13         Moree    16.0   28.2    0.0     7.0    13.4
## 13116 2011-12-15         Moree    16.8   27.1    0.0     8.2     5.2
## 13117 2011-12-16         Moree    17.1   27.9    2.8     6.2     5.7
## 13118 2011-12-17         Moree    16.2   27.7    0.0     5.6    11.6
## 13119 2011-12-18         Moree    17.3   26.9    0.0     7.4     1.8
## 13120 2011-12-19         Moree    19.1   26.9    0.0     7.2     4.2
## 13121 2011-12-20         Moree    17.8   30.7   11.4     6.2    12.2
## 13125 2011-12-24         Moree    18.3   31.3    0.2     7.4    13.2
## 13126 2011-12-25         Moree    17.5   30.5    0.0     8.6    12.4
## 13127 2011-12-26         Moree    18.2   30.4    0.0     6.0    10.3
## 13128 2011-12-27         Moree    19.1   32.0    0.0     6.6    13.3
## 13129 2011-12-28         Moree    15.7   30.8    0.0    11.4    13.5
## 13130 2011-12-29         Moree    18.6   31.3    0.0    10.0    12.1
## 13131 2011-12-30         Moree    18.0   30.2    0.0     8.8     8.9
## 13132 2011-12-31         Moree    17.1   30.9    0.0     8.6    13.0
## 13133 2012-01-01         Moree    16.9   31.3    0.0     9.2    13.3
## 13134 2012-01-02         Moree    18.5   32.1    0.0     9.0    13.6
## 13135 2012-01-03         Moree    19.5   32.6    0.0     9.2    13.4
## 13136 2012-01-04         Moree    20.4   34.4    0.0     5.4    12.5
## 13137 2012-01-05         Moree    21.4   34.8    0.0     9.8     7.6
## 13138 2012-01-06         Moree    18.4   33.0    5.2     6.6    12.8
## 13139 2012-01-07         Moree    19.6   33.9    0.0     9.6    12.8
## 13140 2012-01-08         Moree    22.7   36.4    0.0     9.6    11.9
## 13141 2012-01-09         Moree    24.8   33.8    0.0    11.4    12.6
## 13142 2012-01-10         Moree    15.5   31.6    0.0    12.0    13.5
## 13143 2012-01-11         Moree    16.6   31.4    0.0    11.0    10.6
## 13144 2012-01-12         Moree    11.7   28.8    0.0    15.4    13.5
## 13145 2012-01-13         Moree    12.9   30.6    0.0    11.6    11.2
## 13146 2012-01-14         Moree    20.1   29.8    0.0     7.8     5.4
## 13147 2012-01-15         Moree    16.3   22.2   43.8    11.8     1.7
## 13150 2012-01-18         Moree    17.2   33.0    0.2    11.8    13.3
## 13151 2012-01-19         Moree    19.6   35.1    0.0     9.8    12.7
## 13152 2012-01-20         Moree    20.1   33.0    0.0    10.4    11.4
## 13153 2012-01-21         Moree    19.0   32.0    0.0     7.0     7.9
## 13154 2012-01-22         Moree    19.3   31.7    0.0     9.4    12.2
## 13155 2012-01-23         Moree    18.1   29.3    0.0    10.8     5.2
## 13156 2012-01-24         Moree    19.0   23.8   34.8     9.4     0.3
## 13158 2012-01-26         Moree    20.0   31.6    0.4     4.2    10.2
## 13159 2012-01-27         Moree    22.3   30.1    0.0     7.8     1.8
## 13160 2012-01-28         Moree    20.1   23.4    4.8     2.8     0.0
## 13161 2012-01-29         Moree    19.4   25.2   17.8     5.4     0.1
## 13162 2012-01-30         Moree    21.8   31.0    2.8     2.6     7.7
## 13163 2012-01-31         Moree    22.6   27.9    6.8     6.2     2.2
## 13166 2012-02-03         Moree    19.1   26.1   17.8     3.0     2.9
## 13169 2012-02-06         Moree    20.2   31.9    0.0     6.6    13.1
## 13170 2012-02-07         Moree    18.5   28.1    0.0     8.4     8.5
## 13172 2012-02-09         Moree    17.5   30.5    0.0     7.8    12.8
## 13173 2012-02-10         Moree    19.5   31.3    0.0     8.8    12.4
## 13174 2012-02-11         Moree    17.4   31.2    1.6     8.8    12.5
## 13175 2012-02-12         Moree    14.2   31.0    0.0     7.8    12.9
## 13176 2012-02-13         Moree    15.4   32.3    0.0     8.0    12.9
## 13177 2012-02-14         Moree    18.2   32.7    0.0     8.6    10.4
## 13178 2012-02-15         Moree    17.4   31.2    0.0     8.0    11.2
```

```
## 13179 2012-02-16        Moree   16.9   31.2    0.0    8.4   11.9
## 13180 2012-02-17        Moree   16.9   31.9    0.0    7.6   12.3
## 13181 2012-02-18        Moree   17.5   33.5    0.0    8.6   12.6
## 13186 2012-02-23        Moree   18.9   31.6   14.6   30.6   11.5
## 13187 2012-02-24        Moree   18.1   30.9    0.0    7.8   10.7
## 13188 2012-02-25        Moree   18.3   29.2    1.8    8.4    2.3
## 13189 2012-02-26        Moree   20.3   24.8    1.0    5.4    0.0
## 13190 2012-02-27        Moree   19.7   30.5    3.2    2.6    6.0
## 13191 2012-02-28        Moree   18.2   31.3    0.0    7.2   10.2
## 13192 2012-02-29        Moree   20.2   32.6    0.0    6.2   11.6
## 13193 2012-03-01        Moree   20.3   32.8    0.0    8.0   11.4
## 13194 2012-03-02        Moree   21.9   33.7    0.0    9.2    7.5
## 13195 2012-03-03        Moree   22.2   32.4    2.4    7.0   10.5
## 13196 2012-03-04        Moree   18.3   33.2    0.0   10.0   11.8
## 13197 2012-03-05        Moree   20.0   32.1    0.0    7.8    7.8
## 13198 2012-03-06        Moree   21.0   28.9    0.0    6.8    7.5
## 13199 2012-03-07        Moree   14.8   28.1    4.4    6.8   11.4
## 13200 2012-03-08        Moree   11.5   26.7    0.0    7.4   11.9
## 13201 2012-03-09        Moree   11.0   28.5    0.0    7.2   11.6
## 13202 2012-03-10        Moree   11.6   30.9    0.0    8.0   11.9
## 13203 2012-03-11        Moree   13.8   31.3    0.0    9.2   11.2
## 13204 2012-03-12        Moree   17.6   31.5    0.0    6.4   10.9
## 13205 2012-03-13        Moree   17.0   31.1    0.0    7.2   10.0
## 13206 2012-03-14        Moree   17.2   29.5    0.0    7.8    4.9
## 13207 2012-03-15        Moree   19.8   30.7    0.0    6.8    6.5
## 13208 2012-03-16        Moree   18.0   31.8    0.0    4.8   10.4
## 13209 2012-03-17        Moree   20.0   25.0    0.0    7.6    0.2
## 13210 2012-03-18        Moree   18.2   30.9    0.4    2.2    9.4
## 13211 2012-03-19        Moree   14.0   30.9    0.0    8.8   11.5
## 13212 2012-03-20        Moree   16.6   32.4    0.0    9.4   11.2
## 13213 2012-03-21        Moree   17.5   28.7    0.0    9.8    1.5
## 13215 2012-03-23        Moree   17.9   29.0    0.0    5.2   11.4
## 13216 2012-03-24        Moree   10.0   25.4    0.0   10.0   11.4
## 13217 2012-03-25        Moree    9.1   29.1    0.0    8.2   11.3
## 13218 2012-03-26        Moree   15.7   29.2    0.0    6.8   11.1
## 13219 2012-03-27        Moree   16.8   29.6    0.0    6.8    7.2
## 13220 2012-03-28        Moree   16.3   30.0    0.0    6.4   10.7
## 13221 2012-03-29        Moree   14.5   30.0    0.0    7.6   11.1
## 13222 2012-03-30        Moree   15.0   29.5    0.0    6.0   10.4
## 13224 2012-04-01        Moree   12.1   30.4    0.0    7.6   11.3
## 13225 2012-04-02        Moree   14.3   31.3    0.0    7.6   11.1
## 13226 2012-04-03        Moree   12.0   32.7    0.0    7.6   11.2
## 13227 2012-04-04        Moree   15.8   32.8    0.0    9.6   11.2
## 13228 2012-04-05        Moree   17.9   31.0    0.0    7.0   10.7
## 13229 2012-04-06        Moree   16.0   29.9    0.0    7.6   10.6
## 13230 2012-04-07        Moree   16.8   31.3    0.0    6.8   10.5
## 13231 2012-04-08        Moree   17.6   31.9    0.0    5.8   10.7
## 13232 2012-04-09        Moree   15.1   26.1    0.0    8.4   10.8
## 13233 2012-04-10        Moree    9.3   22.0    0.0    8.8   11.2
## 13234 2012-04-11        Moree    8.8   24.7    0.0   10.2   10.7
## 13238 2012-04-15        Moree   15.9   28.6    0.0    3.4   10.5
## 13239 2012-04-16        Moree   18.6   29.0    0.0    5.8    3.6
## 13241 2012-04-18        Moree   12.8   25.7    0.0    3.2    9.1
## 13242 2012-04-19        Moree   13.1   28.8    0.0    4.6   10.7
```

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## 13243 2012-04-20        Moree    13.4    28.8     0.0        5.2      9.4
## 13244 2012-04-21        Moree    12.2    29.4     0.0        4.6     11.0
## 13246 2012-04-23        Moree    21.0    23.0     0.0        5.0      0.1
## 13247 2012-04-24        Moree    16.4    24.5     1.8        0.8      6.6
## 13251 2012-04-28        Moree    14.4    16.7     8.0        2.0      0.4
## 13252 2012-04-29        Moree    10.9    25.1     9.6        4.6      9.8
## 13253 2012-04-30        Moree     9.7    24.8     0.0        3.8      8.4
## 13254 2012-05-01        Moree     9.8    25.9     0.0        4.2     10.2
## 13255 2012-05-02        Moree    10.4    25.7     0.0        4.0      8.2
## 13256 2012-05-03        Moree    14.8    23.2     6.2        3.8      6.3
## 13258 2012-05-05        Moree     4.7    20.2     0.0        3.8     10.4
## 13259 2012-05-06        Moree     4.2    20.8     0.0        4.6     10.0
## 13261 2012-05-08        Moree     5.5    25.1     0.0        3.8     10.5
## 13262 2012-05-09        Moree     6.8    27.4     0.0        4.6     10.5
## 13263 2012-05-10        Moree     7.7    26.7     0.0        4.4     10.6
## 13264 2012-05-11        Moree     7.2    26.6     0.0        5.4     10.4
## 13265 2012-05-12        Moree     7.5    27.6     0.0        5.2     10.2
## 13266 2012-05-13        Moree     5.0    17.7     0.0        3.8     10.4
## 13267 2012-05-14        Moree     3.4    18.5     0.0        4.4     10.4
## 13272 2012-05-19        Moree     5.4    23.0     0.0       14.0     10.3
## 13273 2012-05-20        Moree     3.5    22.9     0.0        3.0     10.3
## 13274 2012-05-21        Moree     6.5    23.7     0.0        3.6      9.0
## 13281 2012-05-28        Moree     3.1    20.9     0.0        2.4     10.0
## 13282 2012-05-29        Moree     5.9    22.4     0.0        2.8     10.0
## 13283 2012-05-30        Moree     6.5    22.6     0.0        3.2      9.4
## 13284 2012-05-31        Moree     7.0    22.6     0.0        4.0      9.0
## 13285 2012-06-01        Moree    10.2    17.2     0.0        3.4      0.1
## 13286 2012-06-02        Moree    13.0    18.7     2.2        0.2      0.0
## 13287 2012-06-03        Moree    13.6    18.2    16.0        2.6      4.0
## 13288 2012-06-04        Moree    12.0    15.3     2.2        1.2      0.9
## 13289 2012-06-05        Moree     4.9    13.1     0.0        1.4      3.6
## 13290 2012-06-06        Moree     6.0    18.0     0.2        1.2      8.8
## 13291 2012-06-07        Moree     6.8    18.2     0.0        2.6     10.0
## 13292 2012-06-08        Moree     5.6    19.3     0.0        3.8      6.5
## 13293 2012-06-09        Moree     6.8    20.2     0.0        2.0      7.6
## 13294 2012-06-10        Moree     4.9    20.4     0.0        2.0      9.5
## 13295 2012-06-11        Moree     4.2    19.4     0.0        3.2      8.6
## 13296 2012-06-12        Moree     6.0    20.5     0.0        2.6      9.8
## 13297 2012-06-13        Moree     6.1    21.6     0.0        3.2      9.5
## 13298 2012-06-14        Moree     6.9    20.8     0.0        3.2     10.0
## 13299 2012-06-15        Moree     6.3    22.4     0.0        2.8     10.2
## 13300 2012-06-16        Moree     8.7    22.1     0.0        3.0      8.0
## 13301 2012-06-17        Moree     6.0    16.9     0.6        3.0      6.8
## 13302 2012-06-18        Moree     2.5    17.1     0.0        2.6      9.2
## 13303 2012-06-19        Moree     0.9    17.4     0.0        2.6      9.9
## 13304 2012-06-20        Moree     0.9    18.2     0.0        2.6      9.8
## 13305 2012-06-21        Moree     2.1    20.3     0.0        2.2     10.2
## 13306 2012-06-22        Moree     6.6    22.2     0.0        3.6      6.7
## 13307 2012-06-23        Moree     1.5    15.5     0.0        3.8      9.9
## 13309 2012-06-25        Moree    -1.8    18.5     0.0        2.2     10.0
## 13310 2012-06-26        Moree     1.9    18.9     0.0        2.8      5.2
## 13311 2012-06-27        Moree     5.5    17.0     0.0        2.2      0.2
## 13312 2012-06-28        Moree     9.3    20.9     0.2        0.6      6.0
## 13314 2012-06-30        Moree     6.8    21.1     0.0        2.8      9.6
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## 13315 2012-07-01          Moree      7.0    17.2      0.0          3.2       7.8
## 13316 2012-07-02          Moree      0.2    14.8      0.0          2.8      10.1
## 13317 2012-07-03          Moree      1.6    15.2      0.0          2.8       9.9
## 13318 2012-07-04          Moree     -0.4    15.3      0.0          3.2       9.4
## 13323 2012-07-09          Moree      6.3    21.7      0.0         12.2       9.2
## 13324 2012-07-10          Moree      9.1    18.9      0.0          4.2       0.6
## 13325 2012-07-11          Moree     13.3    18.6      4.8          1.6       3.1
## 13327 2012-07-13          Moree     14.7    18.1     14.6          0.4       0.2
## 13328 2012-07-14          Moree     12.5    15.1     40.2          0.6       0.1
## 13329 2012-07-15          Moree      7.6    14.5      0.2          0.8      10.1
## 13331 2012-07-17          Moree      5.0    18.1      0.0          1.6       6.3
## 13332 2012-07-18          Moree      9.0    14.7      0.6          1.8       0.4
## 13333 2012-07-19          Moree      5.7    16.0      7.2          1.2       8.8
## 13334 2012-07-20          Moree      2.5    16.9      0.0          3.4      10.0
## 13335 2012-07-21          Moree      2.8    18.8      0.0          2.6      10.1
## 13336 2012-07-22          Moree      4.4    18.8      0.0          3.2       9.1
## 13337 2012-07-23          Moree      4.0    17.9      0.0          1.8      10.3
## 13341 2012-07-27          Moree      4.9    15.9      1.2          2.8       9.9
## 13342 2012-07-28          Moree      4.6    13.7      0.0          3.4       4.5
## 13343 2012-07-29          Moree      2.3    16.3      0.0          1.0       9.7
## 13344 2012-07-30          Moree      1.8    16.6      0.0          2.6      10.1
## 13345 2012-07-31          Moree      1.5    17.4      0.0          2.6      10.3
## 13346 2012-08-01          Moree      0.8    16.5      0.0          2.6      10.4
## 13347 2012-08-02          Moree     -1.1    16.6      0.0          2.8      10.2
## 13353 2012-08-08          Moree     -0.2    18.8      0.0          3.4      10.6
## 13354 2012-08-09          Moree      4.0    19.2      0.0          3.0       2.9
## 13355 2012-08-10          Moree      3.8    14.6      0.0          4.0      10.3
## 13356 2012-08-11          Moree      0.5    16.8      0.0          4.2      10.6
## 13357 2012-08-12          Moree      2.9    19.0      0.0          3.4      10.6
## 13358 2012-08-13          Moree      1.8    19.6      0.0          3.8      10.7
## 13359 2012-08-14          Moree      2.1    19.9      0.0          3.0       9.9
## 13360 2012-08-15          Moree      1.8    23.1      0.0          3.2      10.6
## 13361 2012-08-16          Moree      3.1    21.2      0.0          4.8      10.5
## 13362 2012-08-17          Moree      1.8    21.9      0.0          4.0      10.6
## 13363 2012-08-18          Moree      0.7    16.5      0.0          7.8      10.8
## 13364 2012-08-19          Moree      0.2    17.2      0.0          3.4      10.1
## 13365 2012-08-20          Moree      3.8    18.9      0.0          2.6       9.3
## 13369 2012-08-24          Moree      7.8    19.2      2.4          6.2      10.7
## 13370 2012-08-25          Moree      2.3    21.0      0.0          4.8      10.8
## 13371 2012-08-26          Moree      4.4    18.7      0.0          3.4      10.6
## 13373 2012-08-28          Moree      3.2    21.5      0.0          3.6      10.8
## 13374 2012-08-29          Moree      7.9    25.2      0.0          4.2      10.3
## 13375 2012-08-30          Moree     14.0    23.5      0.0          7.0       7.7
## 13376 2012-08-31          Moree      4.7    17.8      0.0          5.4       8.4
## 13377 2012-09-01          Moree      1.6    17.1      0.0          5.0      11.1
## 13378 2012-09-02          Moree      0.2    20.3      0.0          4.8      11.3
## 13379 2012-09-03          Moree      1.6    21.8      0.0          3.8      11.3
## 13380 2012-09-04          Moree      2.5    24.5      0.0          4.2      11.3
## 13384 2012-09-08          Moree      2.9    19.9      0.0          7.8      11.1
## 13385 2012-09-09          Moree      3.4    20.7      0.0          4.8      11.3
## 13386 2012-09-10          Moree      5.8    24.3      0.0          5.6       9.2
## 13388 2012-09-12          Moree     10.5    27.5      0.0          5.0      10.5
## 13389 2012-09-13          Moree     14.1    29.3      0.0          7.4       9.2
## 13390 2012-09-14          Moree      2.5    19.2      0.0          9.8      10.9
```

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## 13391 2012-09-15        Moree     1.2    22.8    0.0       5.2    11.4
## 13392 2012-09-16        Moree     7.3    24.6    0.0       4.4    10.4
## 13393 2012-09-17        Moree     9.8    19.2    0.0       5.0     2.2
## 13394 2012-09-18        Moree     8.9    25.5    1.4       1.4    10.7
## 13395 2012-09-19        Moree     8.5    25.2    2.8       5.6    10.9
## 13396 2012-09-20        Moree     7.8    29.9    0.0       6.0    11.4
## 13397 2012-09-21        Moree    14.0    27.5    1.4       8.2     6.1
## 13398 2012-09-22        Moree     7.0    26.9    0.0       2.8    11.5
## 13399 2012-09-23        Moree     5.9    29.3    0.0       6.0    11.2
## 13400 2012-09-24        Moree    11.0    25.8    0.0       6.8    10.2
## 13401 2012-09-25        Moree     3.5    27.3    0.0       7.2    11.7
## 13402 2012-09-26        Moree    10.5    26.9    0.0       6.0    10.8
## 13404 2012-09-28        Moree    15.1    31.0    0.0       7.8    10.8
## 13405 2012-09-29        Moree    17.3    19.8    0.8       8.6     0.6
## 13406 2012-09-30        Moree     6.5    20.8    4.4       1.4    11.3
## 13407 2012-10-01        Moree     4.0    24.6    0.0       6.6    11.9
## 13408 2012-10-02        Moree     9.5    25.9    0.0       6.0    11.6
## 13409 2012-10-03        Moree     9.7    26.6    0.0       5.8    11.6
## 13410 2012-10-04        Moree     8.2    30.2    0.0       5.6    11.7
## 13411 2012-10-05        Moree    10.3    32.4    0.0       9.2    10.9
## 13412 2012-10-06        Moree    12.2    34.2    0.0       7.8    10.8
## 13413 2012-10-07        Moree    14.6    27.0    0.0       9.8    11.9
## 13414 2012-10-08        Moree     5.3    26.9    0.0       9.2    11.8
## 13415 2012-10-09        Moree     8.9    27.6    0.0       7.0    11.7
## 13416 2012-10-10        Moree     9.8    32.0    0.0       8.8    12.0
## 13417 2012-10-11        Moree    12.7    16.2    5.2      11.2     2.6
## 13418 2012-10-12        Moree     5.9    17.1    4.2       0.6    10.0
## 13419 2012-10-13        Moree     4.3    23.0    0.0       5.0    11.6
## 13420 2012-10-14        Moree     4.9    24.0    0.0       5.6    12.1
## 13421 2012-10-15        Moree     7.3    27.2    0.0       8.0    12.4
## 13422 2012-10-16        Moree     9.8    30.2    0.0       6.6    12.0
## 13423 2012-10-17        Moree    14.8    34.6    0.0       8.2    12.2
## 13427 2012-10-21        Moree    16.7    32.9    0.0      14.6     6.2
## 13428 2012-10-22        Moree    12.5    29.9    0.2       6.2    12.5
## 13429 2012-10-23        Moree     9.1    27.1    0.0      14.0    12.6
## 13430 2012-10-24        Moree     9.2    29.3    0.0      10.4    12.7
## 13431 2012-10-25        Moree    13.7    32.4    0.0       8.2    12.4
## 13432 2012-10-26        Moree    13.2    34.7    0.0      10.2    11.2
## 13433 2012-10-27        Moree    15.4    26.6    0.0      13.0     7.9
## 13434 2012-10-28        Moree    11.5    28.4    0.0       8.0    12.0
## 13435 2012-10-29        Moree    12.1    25.1    0.0       7.2     1.7
## 13436 2012-10-30        Moree    16.3    25.1    0.0       5.0     4.5
## 13437 2012-10-31        Moree    11.5    31.1    0.0       4.2    12.6
## 13438 2012-11-01        Moree    14.5    35.7    0.0       8.4    12.3
## 13440 2012-11-03        Moree    12.6    29.0    0.0      11.0     7.1
## 13441 2012-11-04        Moree    18.8    30.5    0.0       8.8    11.7
## 13442 2012-11-05        Moree    17.6    33.0    0.0       9.6    10.5
## 13443 2012-11-06        Moree    18.1    33.5    0.0      10.0     8.4
## 13444 2012-11-07        Moree    19.5    30.0    0.0      10.6     5.2
## 13445 2012-11-08        Moree    19.7    31.7    0.0       9.6     5.3
## 13446 2012-11-09        Moree    18.9    22.8    5.2       7.8     0.0
## 13447 2012-11-10        Moree    18.5    25.1    0.0       2.0     0.4
## 13448 2012-11-11        Moree    12.2    30.1    0.0       4.6    12.3
## 13449 2012-11-12        Moree    11.4    29.7    0.0       9.0    13.2
```

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## 13450 2012-11-13        Moree    14.8   32.5    0.0     8.6   12.7
## 13451 2012-11-14        Moree    18.7   36.1    0.0     9.4    9.6
## 13452 2012-11-15        Moree    17.7   37.7    0.0    11.2   11.5
## 13453 2012-11-16        Moree    18.4   33.1    0.0    14.8    0.7
## 13454 2012-11-17        Moree    15.5   33.7    0.0     8.0   11.5
## 13455 2012-11-18        Moree    18.3   32.3    0.4     8.2   10.3
## 13456 2012-11-19        Moree    12.0   30.5    0.0    10.2   13.5
## 13457 2012-11-20        Moree    12.7   31.5    0.0    14.0   13.4
## 13458 2012-11-21        Moree    14.6   32.7    0.0    10.8   13.2
## 13463 2012-11-26        Moree    21.6   36.0    0.4    47.2   12.0
## 13464 2012-11-27        Moree    22.6   34.9    0.0    12.8    9.6
## 13465 2012-11-28        Moree    23.6   35.3    0.0    11.0    4.8
## 13468 2013-01-01        Moree    21.1   34.8    0.0    11.4   12.0
## 13469 2013-01-02        Moree    19.4   38.9    0.0    10.8   12.9
## 13473 2013-01-06        Moree    22.3   36.9    0.0    11.6   13.3
## 13474 2013-01-07        Moree    20.3   35.2    0.0    11.8   13.6
## 13475 2013-01-08        Moree    19.3   35.1    0.0    13.6   13.3
## 13476 2013-01-09        Moree    23.9   40.5    0.0    14.0   11.5
## 13477 2013-01-10        Moree    16.7   39.7    0.0    17.0   13.2
## 13478 2013-01-11        Moree    24.0   41.4    0.0    12.8   12.7
## 13479 2013-01-12        Moree    27.3   42.5    0.0    15.8   13.1
## 13481 2013-01-14        Moree    22.1   36.3    4.6    14.0    9.4
## 13482 2013-01-15        Moree    20.8   32.9    0.0    13.2   10.1
## 13483 2013-01-16        Moree    19.8   35.0    0.0    12.0   12.6
## 13484 2013-01-17        Moree    22.5   38.4    0.0     9.0   12.9
## 13485 2013-01-18        Moree    25.2   41.6    0.0    13.0   12.7
## 13486 2013-01-19        Moree    28.1   39.6    0.0    14.2    8.4
## 13487 2013-01-20        Moree    22.5   32.9    0.0    14.8    1.2
## 13488 2013-01-21        Moree    23.5   35.9    0.0     8.0   11.8
## 13489 2013-01-22        Moree    22.9   34.8    0.4    10.6    7.5
## 13490 2013-01-23        Moree    20.5   35.1   18.4    11.2   12.0
## 13491 2013-01-24        Moree    21.1   33.9    5.2    10.4    9.8
## 13492 2013-01-25        Moree    20.1   34.6    3.2    10.0   10.9
## 13493 2013-01-26        Moree    22.5   33.5    0.0     6.4    4.5
## 13494 2013-01-27        Moree    22.1   24.7    5.0     7.0    0.0
## 13495 2013-01-28        Moree    20.3   23.0   76.8     7.0    0.5
## 13496 2013-01-29        Moree    20.3   32.3   54.6     5.8   11.3
## 13497 2013-01-30        Moree    19.6   34.2    0.0     8.6   13.4
## 13498 2013-01-31        Moree    20.4   33.0    0.0     8.0   13.1
## 13499 2013-03-01        Moree    20.2   22.2   59.6     9.4    2.2
## 13500 2013-03-02        Moree    18.2   28.8   11.4     0.6    7.1
## 13501 2013-03-03        Moree    18.8   29.4    1.0     8.8    2.9
## 13502 2013-03-04        Moree    17.4   30.4    0.0     5.6   10.9
## 13503 2013-03-05        Moree    17.9   29.9    0.0     7.8   11.9
## 13504 2013-03-06        Moree    16.1   29.5    0.0     9.2   11.5
## 13505 2013-03-07        Moree    16.3   29.5    0.0     7.6   11.6
## 13506 2013-03-08        Moree    16.4   29.6    0.0     7.8   11.1
## 13507 2013-03-09        Moree    20.2   29.1    0.0     7.8    7.8
## 13508 2013-03-10        Moree    17.5   29.8    0.0     5.6   11.3
## 13509 2013-03-11        Moree    17.4   29.9    0.0     7.2   11.1
## 13510 2013-03-12        Moree    16.4   29.9    0.0     8.0   11.1
## 13511 2013-03-13        Moree    18.5   29.9    0.0     8.8   11.1
## 13512 2013-03-14        Moree    15.6   31.5    0.0     8.0   11.2
## 13513 2013-03-15        Moree    17.4   32.3    0.0     9.4   11.2
```

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## 13514 2013-03-16      Moree   18.7   33.2    0.0      7.8    11.1
## 13515 2013-03-17      Moree   16.6   28.4    0.0      8.4    11.7
## 13516 2013-03-18      Moree   13.5   29.4    0.0     11.2    11.0
## 13517 2013-03-19      Moree   14.9   29.7    0.0      7.4    11.2
## 13518 2013-03-20      Moree   14.2   28.9    0.0      8.2    11.4
## 13519 2013-03-21      Moree   14.3   29.6    0.0      8.2    11.0
## 13520 2013-03-22      Moree   18.9   31.9    0.0      8.0     6.0
## 13521 2013-03-23      Moree   20.1   30.8    5.0      6.4     7.1
## 13522 2013-03-24      Moree   20.0   32.7    4.6      4.4    10.3
## 13523 2013-03-25      Moree   15.3   33.2    0.0      6.8    11.6
## 13524 2013-03-26      Moree   17.7   30.4    0.0      6.8     6.9
## 13525 2013-03-27      Moree   19.5   30.6    0.0      5.6    10.7
## 13526 2013-03-28      Moree   18.9   30.4    0.0      6.6    11.3
## 13527 2013-03-29      Moree   21.0   29.1    0.0      8.0     7.2
## 13528 2013-03-30      Moree   12.0   30.1    0.0      7.0    10.3
## 13529 2013-03-31      Moree   15.5   22.9    0.0      6.6     0.5
## 13530 2013-04-01      Moree   11.2   27.8    0.2      2.0    10.8
## 13531 2013-04-02      Moree   12.7   28.5    0.0      5.2    10.9
## 13532 2013-04-03      Moree   10.5   29.4    0.0      7.0    11.3
## 13533 2013-04-04      Moree   14.4   29.2    0.0      6.4    10.0
## 13534 2013-04-05      Moree   11.2   28.1    1.4      8.2    10.3
## 13535 2013-04-06      Moree   13.9   25.7    0.0      6.0     1.6
## 13536 2013-04-07      Moree   13.8   26.6    8.8      4.4    10.4
## 13537 2013-04-08      Moree   12.2   27.3    0.0      4.2    11.1
## 13538 2013-04-09      Moree   13.8   26.8    0.0      5.4     9.2
## 13539 2013-04-10      Moree   13.2   27.6    0.0      5.6    10.1
## 13540 2013-04-11      Moree   13.5   28.1    0.0      5.4    10.6
## 13541 2013-04-12      Moree   13.0   28.2    0.0      7.4     8.3
## 13542 2013-04-13      Moree   14.5   28.2    0.0      8.0     7.9
## 13543 2013-04-14      Moree   12.4   28.8    0.0      4.0     8.2
## 13544 2013-04-15      Moree   15.2   29.7    0.0      4.0     6.2
## 13545 2013-04-16      Moree   13.6   29.9    0.0      4.2     7.1
## 13546 2013-04-17      Moree   11.7   28.4    0.0      5.2     9.7
## 13547 2013-04-18      Moree    9.4   26.8    0.0      6.0    10.9
## 13548 2013-04-19      Moree    8.7   23.0    0.0      8.0     9.2
## 13549 2013-04-20      Moree    4.3   22.6    0.0      6.4    10.9
## 13550 2013-04-21      Moree    8.7   25.9    0.0      4.4    10.2
## 13551 2013-04-22      Moree   15.2   28.3    0.0      6.8    10.3
## 13553 2013-04-24      Moree    7.2   25.9    0.0      6.6    10.7
## 13557 2013-04-28      Moree    9.6   28.4    0.0      4.0    10.6
## 13558 2013-04-29      Moree   10.3   28.7    0.0      4.8    10.7
## 13559 2013-04-30      Moree   10.9   28.9    0.0      4.4    10.5
## 13560 2013-05-01      Moree   13.8   28.5    0.0      4.0    10.7
## 13563 2013-05-04      Moree    8.5   27.3    0.0      8.8    10.4
## 13564 2013-05-05      Moree    6.8   26.0    0.0      5.8     9.3
## 13565 2013-05-06      Moree    9.5   24.7    0.0      4.6     5.7
## 13566 2013-05-07      Moree   11.8   25.5    0.0      3.6     9.3
## 13567 2013-05-08      Moree   10.8   25.3    0.0      4.2    10.4
## 13568 2013-05-09      Moree    9.8   25.0    0.0      4.8     9.7
## 13569 2013-05-10      Moree    8.3   25.0    0.0      4.0    10.4
## 13570 2013-05-11      Moree    9.7   26.5    0.0      6.4    10.4
## 13571 2013-05-12      Moree   10.4   25.7    0.0      3.8     9.1
## 13572 2013-05-13      Moree   13.4   23.5    0.0      4.0     2.0
## 13573 2013-05-14      Moree   14.4   19.1    7.0      3.2     4.7
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## 13574 2013-05-15      Moree    3.6   18.5    0.0      3.2     7.3
## 13575 2013-05-16      Moree    8.0   21.2    0.0      2.6     9.1
## 13576 2013-05-17      Moree    6.3   19.6    0.0      3.6    10.2
## 13577 2013-05-18      Moree    2.7   18.6    0.0      3.8     8.2
## 13578 2013-05-19      Moree    4.6   18.2    0.0      3.2     9.9
## 13579 2013-05-20      Moree    3.2   18.6    0.0      5.4     9.8
## 13580 2013-05-21      Moree    3.9   18.2    0.0      3.6     0.4
## 13581 2013-05-22      Moree   10.9   12.3    0.2      1.4     0.0
## 13582 2013-05-23      Moree   10.1   15.6   16.2      1.4     1.7
## 13583 2013-05-24      Moree   10.2   19.6   11.2      0.6     7.7
## 13584 2013-05-25      Moree    6.1   21.0    0.0      4.0     9.8
## 13586 2013-05-27      Moree    3.0   22.1    0.0      3.2     9.9
## 13587 2013-05-28      Moree    7.2   23.4    0.0      2.0     8.8
## 13588 2013-05-29      Moree   10.6   23.8    0.0      4.0     8.2
## 13589 2013-05-30      Moree    9.2   24.1    0.0      4.0    10.0
## 13590 2013-05-31      Moree   10.0   24.8    0.0      3.8     9.7
## 13591 2013-06-01      Moree   10.8   21.0    0.0      4.0     0.9
## 13592 2013-06-02      Moree   13.4   17.0    5.8      4.4     3.4
## 13593 2013-06-03      Moree    5.7   17.8    5.8      2.2     9.7
## 13594 2013-06-04      Moree    0.8   20.4    0.0      3.2     9.9
## 13595 2013-06-05      Moree    5.4   21.3    0.0      2.2     3.4
## 13596 2013-06-06      Moree   10.8   22.1    0.0      2.2     1.9
## 13597 2013-06-07      Moree   14.3   22.4    0.0      1.6     1.8
## 13598 2013-06-08      Moree   11.8   24.6    0.0      2.6     6.8
## 13599 2013-06-09      Moree   11.1   22.2    0.0      3.0     1.6
## 13600 2013-06-10      Moree   14.1   17.1    0.4      1.0     0.0
## 13601 2013-06-11      Moree    9.4   22.6    0.4      0.6     9.6
## 13602 2013-06-12      Moree   12.9   23.2    0.0      2.4     4.1
## 13603 2013-06-13      Moree   13.2   17.2   15.6      4.0     5.4
## 13604 2013-06-14      Moree    8.4   15.8    0.0      3.0     4.5
## 13605 2013-06-15      Moree    9.6   15.0    0.0      3.8     5.5
## 13606 2013-06-16      Moree    2.9   15.8    0.0      2.6     7.4
## 13608 2013-06-18      Moree    1.1   14.8    0.0      2.0    10.0
## 13609 2013-06-19      Moree   -0.1   16.6    0.0      2.4     8.9
## 13611 2013-06-21      Moree    8.0   18.0    0.0      2.6     6.2
## 13612 2013-06-22      Moree    2.3   18.4    0.0      3.6     9.9
## 13613 2013-06-23      Moree    2.6   18.3    0.0      3.0     7.2
## 13614 2013-06-24      Moree    1.7   17.5    0.0      1.2     8.8
## 13615 2013-06-25      Moree    0.9   10.5    0.0      2.6     0.7
## 13616 2013-06-26      Moree    0.4   16.7    1.4      0.4     9.3
## 13617 2013-06-27      Moree    4.4   15.9    0.0      1.2     1.4
## 13618 2013-06-28      Moree    9.6   21.0    1.2      4.2     7.3
## 13620 2013-06-30      Moree    6.0   18.4    1.2      0.6     5.0
## 13621 2013-07-01      Moree    6.5   19.7    0.2      1.4     9.7
## 13622 2013-07-02      Moree    5.9   20.8    0.0      3.6     9.9
## 13623 2013-07-03      Moree    2.2   21.7    0.0      3.6    10.0
## 13624 2013-07-04      Moree    6.7   23.1    0.0      1.8     8.4
## 13625 2013-07-05      Moree   13.8   21.9    0.0      4.0     7.6
## 13627 2013-07-07      Moree   -0.2   17.2    0.0      3.4    10.1
## 13628 2013-07-08      Moree   -1.3   17.3    0.0      2.2    10.1
## 13629 2013-07-09      Moree    0.6   19.1    0.0      2.6     8.6
## 13630 2013-07-10      Moree    8.7   19.8    0.0      3.0     1.0
## 13631 2013-07-11      Moree    7.5   21.1    0.0      1.8    10.1
## 13633 2013-07-13      Moree    5.7   21.6    0.0      2.4    10.0
```

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## 13634 2013-07-14       Moree     6.5   20.9    0.0        2.6     8.0
## 13635 2013-07-15       Moree    11.1   20.7    0.0        2.6     1.7
## 13636 2013-07-16       Moree    12.1   22.5    1.6        2.2     7.7
## 13637 2013-07-17       Moree     8.2   22.6    0.0        3.2     9.9
## 13638 2013-07-18       Moree     8.9   22.4    0.0        3.0     8.7
## 13639 2013-07-19       Moree    12.5   23.0    0.0        4.0     5.3
## 13640 2013-07-20       Moree    13.1   18.1   22.0        4.0     0.7
## 13641 2013-07-21       Moree     3.1   15.6    3.2        0.6     8.1
## 13642 2013-07-22       Moree     5.3   17.2    0.0        2.8     9.1
## 13644 2013-07-24       Moree     2.4   16.8    0.0        2.0     9.2
## 13645 2013-07-25       Moree     4.1   19.9    0.0        3.0    10.3
## 13646 2013-07-26       Moree     3.9   19.6    0.0        3.6    10.1
## 13647 2013-07-27       Moree     2.1   20.9    0.0        1.8    10.2
## 13648 2013-07-28       Moree     6.2   21.0    0.0        2.0    10.4
## 13649 2013-07-29       Moree     6.5   19.6    0.0        3.8     5.5
## 13650 2013-07-30       Moree     7.4   20.4    0.0        2.6     7.7
## 13651 2013-07-31       Moree     4.8   21.3    0.0        3.6    10.0
## 13653 2013-08-02       Moree     7.3   21.7    0.0        3.0     9.8
## 13655 2013-08-04       Moree     1.9   19.1    0.0        3.8    10.3
## 13656 2013-08-05       Moree     3.8   20.3    0.0        2.6    10.4
## 13657 2013-08-06       Moree     2.3   22.2    0.0        2.4    10.3
## 13658 2013-08-07       Moree     4.3   24.7    0.0        3.4     7.8
## 13659 2013-08-08       Moree     7.3   16.3    0.0        5.0    10.6
## 13660 2013-08-09       Moree     1.3   18.5    0.0        6.2    10.1
## 13661 2013-08-10       Moree     2.6   22.5    0.0        2.6    10.6
## 13662 2013-08-11       Moree     7.0   25.5    0.0        4.4    10.2
## 13663 2013-08-12       Moree    11.8   28.7    0.0        4.6     8.1
## 13664 2013-08-13       Moree     4.3   21.6    0.0        7.4    10.7
## 13665 2013-08-14       Moree     2.2   23.1    0.0        5.4     5.8
## 13667 2013-08-16       Moree     0.8   22.5    0.0        6.4    10.3
## 13670 2013-08-19       Moree     2.4   22.5    0.0        3.0    10.7
## 13671 2013-08-20       Moree     2.1   15.0    0.0        5.2    11.0
## 13672 2013-08-21       Moree    -1.1   15.9    0.0        5.0    10.9
## 13674 2013-08-23       Moree     0.0   20.9    0.0        3.8    10.9
## 13675 2013-08-24       Moree     3.3   21.5    0.0        4.0    11.1
## 13676 2013-08-25       Moree     4.0   23.4    0.0        4.6    11.1
## 13677 2013-08-26       Moree     3.7   24.3    0.0        4.0    11.2
## 13678 2013-08-27       Moree     5.9   25.4    0.0        4.4    11.0
## 13679 2013-08-28       Moree     7.3   27.0    0.0        5.2    11.1
## 13680 2013-08-29       Moree     9.7   27.9    0.0        5.8    10.7
## 13681 2013-08-30       Moree    15.4   29.2    0.0        7.8    10.5
## 13682 2013-08-31       Moree     9.0   27.0    0.0        7.8     6.1
## 13683 2013-09-01       Moree     9.9   29.0    0.0        4.0    10.9
## 13684 2013-09-02       Moree     8.6   26.2    0.0        6.8    11.2
## 13685 2013-09-03       Moree     9.8   25.6    0.0        4.8    11.2
## 13686 2013-09-04       Moree     7.7   24.6    0.0        5.0    10.9
## 13688 2013-09-06       Moree     7.9   27.9    0.0        4.4    10.9
## 13689 2013-09-07       Moree     8.3   29.5    0.0        5.6    11.0
## 13690 2013-09-08       Moree     9.2   30.7    0.0        6.2    10.0
## 13691 2013-09-09       Moree    10.5   29.1    0.0        5.2    11.0
## 13692 2013-09-10       Moree    13.2   29.5    0.0        7.6    11.0
## 13693 2013-09-11       Moree     9.8   26.9    0.0        8.6    11.2
## 13694 2013-09-12       Moree     5.5   27.1    0.0        6.8    11.0
## 13695 2013-09-13       Moree     9.7   29.7    0.0        5.2    10.2
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## 13696 2013-09-14        Moree    14.9   27.3    0.4     8.2   11.2
## 13698 2013-09-16        Moree    15.8   18.8    1.0     7.6    0.0
## 13699 2013-09-17        Moree     9.9   22.7   23.6     3.8   10.4
## 13700 2013-09-18        Moree     7.7   26.0    0.0     4.8   11.0
## 13701 2013-09-19        Moree     8.5   25.0    0.0     7.0   11.5
## 13702 2013-09-20        Moree     6.1   24.5    0.0     7.2   11.4
## 13704 2013-09-22        Moree     4.3   26.1    0.0     4.6   11.4
## 13705 2013-09-23        Moree     7.2   30.9    0.0     7.0   11.3
## 13706 2013-09-24        Moree    16.5   34.0    0.0     8.8   10.5
## 13707 2013-09-25        Moree    12.3   34.4    0.0    10.6   11.2
## 13708 2013-09-26        Moree    16.7   36.3    0.0    10.8   10.9
## 13709 2013-09-27        Moree     5.8   30.7    0.0     7.8   11.6
## 13710 2013-09-28        Moree    16.6   32.5    0.0     8.0   10.4
## 13711 2013-09-29        Moree     7.6   28.5    0.0     8.0   11.3
## 13712 2013-09-30        Moree     8.7   31.9    0.0     8.0   11.6
## 13713 2013-10-01        Moree    16.0   34.7    0.0     9.4    4.8
## 13714 2013-10-02        Moree    13.6   26.3    9.0     8.8    8.6
## 13715 2013-10-03        Moree    11.5   22.3    0.0     4.6   11.3
## 13716 2013-10-04        Moree     4.3   24.2    0.0     6.2   12.0
## 13717 2013-10-05        Moree     6.3   28.8    0.0     6.4   11.6
## 13718 2013-10-06        Moree     7.5   32.9    0.0     5.4   11.8
## 13719 2013-10-07        Moree     9.7   31.6    0.0     9.2    9.0
## 13720 2013-10-08        Moree     7.9   27.4    0.0     8.6   11.8
## 13721 2013-10-09        Moree     8.1   29.3    0.0    11.6   11.8
## 13722 2013-10-10        Moree    10.4   34.1    0.0     7.6   11.7
## 13723 2013-10-11        Moree    15.2   31.3    0.0    12.0   11.6
## 13724 2013-10-12        Moree    10.7   34.0    0.0    11.8   10.3
## 13725 2013-10-13        Moree    20.6   31.2    0.0    11.8    2.5
## 13726 2013-10-14        Moree    11.2   22.9    0.4     9.6   11.9
## 13727 2013-10-15        Moree     4.5   25.1    0.0    10.0   12.3
## 13728 2013-10-16        Moree     7.4   30.0    0.0     7.6   11.9
## 13729 2013-10-17        Moree    17.7   33.6    0.0    10.8    9.1
## 13733 2013-10-21        Moree    17.8   33.2    0.0     9.4   12.6
## 13734 2013-10-22        Moree    18.9   34.6    0.0    10.0   12.5
## 13735 2013-10-23        Moree    19.0   34.9    0.0    13.0    8.0
## 13736 2013-10-24        Moree    18.8   27.0    0.2     9.6   10.4
## 13737 2013-10-25        Moree     5.9   28.1    0.0    10.4   12.6
## 13738 2013-10-26        Moree     6.7   27.8    0.0     8.0   12.4
## 13739 2013-10-27        Moree     8.3   29.7    0.0    11.8   12.7
## 13740 2013-10-28        Moree    11.8   33.6    0.0     7.6   11.6
## 13741 2013-10-29        Moree    19.2   30.5    0.0    10.4    7.1
## 13742 2013-10-30        Moree    10.3   29.8    0.0    10.8   12.8
## 13743 2013-10-31        Moree    12.5   29.8    0.0     9.8   11.7
## 13744 2013-11-01        Moree    16.2   30.5    0.0     8.0   11.3
## 13745 2013-11-02        Moree    17.3   33.0    0.0    12.0   11.3
## 13746 2013-11-03        Moree    16.2   37.4    0.0    10.4   11.9
## 13747 2013-11-04        Moree    14.8   29.7    0.0    15.0   12.9
## 13748 2013-11-05        Moree    15.2   29.3    0.0    13.0   11.9
## 13749 2013-11-06        Moree    13.5   29.9    0.0     9.2   12.7
## 13750 2013-11-07        Moree    15.7   32.3    0.0    12.0   12.6
## 13751 2013-11-08        Moree    16.2   35.6    0.0     8.0   12.9
## 13752 2013-11-09        Moree    21.7   36.8    0.0    15.0    9.2
## 13753 2013-11-10        Moree    16.9   32.5    0.0    14.4    9.5
## 13758 2013-11-15        Moree    11.7   31.5    6.6    38.4   13.0
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## 13759 2013-11-16        Moree    11.8   32.0    0.0     12.0    12.7
## 13760 2013-11-17        Moree    13.7   29.1    0.0     10.6     9.2
## 13761 2013-11-18        Moree    11.2   27.6    0.6      7.6    12.1
## 13762 2013-11-19        Moree    11.0   30.6    0.0      9.6    11.1
## 13763 2013-11-20        Moree    14.5   35.0    0.0      9.8    12.5
## 13768 2013-11-25        Moree    13.2   31.4   13.6     34.6    13.2
## 13769 2013-11-26        Moree    16.0   32.0    0.0     11.4    13.3
## 13770 2013-11-27        Moree    15.7   32.8    0.0     12.0    13.3
## 13771 2013-11-28        Moree    17.0   36.1    0.0     11.2    13.0
## 13772 2013-11-29        Moree    20.7   23.3    0.6     15.6     0.6
## 13773 2013-11-30        Moree    14.8   30.7    6.0      0.4    13.2
## 13774 2013-12-01        Moree    13.3   30.1    0.0     11.0    12.9
## 13775 2013-12-02        Moree    14.4   31.6    0.0     10.8    13.3
## 13776 2013-12-03        Moree    15.4   34.1    0.0     10.0    13.4
## 13777 2013-12-04        Moree    18.8   36.1    0.0     10.8    11.5
## 13778 2013-12-05        Moree    19.0   27.2    8.6     14.2     9.5
## 13779 2013-12-06        Moree     9.0   24.9    0.4     12.4    13.3
## 13780 2013-12-07        Moree     8.5   30.4    0.0      8.8    13.7
## 13782 2013-12-09        Moree    20.7   36.8    0.0     11.8    11.1
## 13783 2013-12-10        Moree    23.8   35.7    0.0     15.2     1.6
## 13784 2013-12-11        Moree    18.2   34.2    0.0     10.6     7.0
## 13786 2013-12-13        Moree    15.4   35.6    0.0     12.0    13.3
## 13787 2013-12-14        Moree    18.9   36.5    0.0     12.0    13.3
## 13788 2013-12-15        Moree    19.8   36.7    0.0     12.8    13.3
## 13789 2013-12-16        Moree    21.0   36.0    0.0     11.8    11.9
## 13790 2013-12-17        Moree    16.2   33.7    0.0     12.8    13.1
## 13792 2013-12-19        Moree    18.1   34.8    0.0     14.4    13.0
## 13793 2013-12-20        Moree    19.1   35.5    0.0     12.8    13.0
## 13794 2013-12-21        Moree    20.9   37.9    0.0     13.0    13.3
## 13795 2013-12-22        Moree    24.2   37.7    0.0     15.8    12.6
## 13796 2013-12-23        Moree    23.0   37.8    0.0     13.8    12.0
## 13797 2013-12-24        Moree    24.1   35.9    0.0     15.2     1.4
## 13798 2013-12-25        Moree    24.4   34.4    0.0     11.4     3.8
## 13799 2013-12-26        Moree    22.8   35.7    0.0     11.0    10.5
## 13800 2013-12-27        Moree    17.8   38.5    0.0     15.8    13.5
## 13801 2013-12-28        Moree    22.1   39.2    0.0     12.0    13.3
## 13802 2013-12-29        Moree    23.4   43.6    0.0     12.6    13.2
## 13803 2013-12-30        Moree    21.5   38.8    0.0     19.0    13.2
## 13804 2013-12-31        Moree    22.2   37.7    0.0     14.6    12.8
## 13805 2014-01-01        Moree    21.6   37.4    0.0     13.0    12.5
## 13806 2014-01-02        Moree    24.8   39.9    0.0     14.8     9.3
## 13807 2014-01-03        Moree    28.3   47.3    0.0     16.0    12.0
## 13808 2014-01-04        Moree    26.6   35.7    0.0     23.6    13.6
## 13809 2014-01-05        Moree    14.8   36.7    0.0     15.4    13.5
## 13810 2014-01-06        Moree    15.8   36.2    0.0     11.6    13.6
## 13811 2014-01-07        Moree    13.0   36.3    0.0     18.8    13.4
## 13812 2014-01-08        Moree    19.0   34.4    0.0     12.2    10.8
## 13813 2014-01-09        Moree    20.3   30.8    0.0     14.2     2.3
## 13814 2014-01-10        Moree    17.6   31.5    0.0     11.6     4.6
## 13815 2014-01-11        Moree    22.1   33.7    0.0      8.0     9.9
## 13816 2014-01-12        Moree    19.5   38.6    0.0     11.0    11.4
## 13817 2014-01-13        Moree    21.8   35.8    0.0     13.2    13.0
## 13818 2014-01-14        Moree    20.5   36.7    0.0     13.4    13.5
## 13819 2014-01-15        Moree    20.5   36.7    0.0     14.4    13.3
```

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## 13820 2014-01-16         Moree    20.4    37.3     0.0       13.6     13.5
## 13821 2014-01-17         Moree    22.5    36.1     0.0       16.0     13.0
## 13822 2014-01-18         Moree    21.1    36.5     0.0       15.0     13.2
## 13823 2014-01-19         Moree    22.3    38.5     0.0       16.0     12.8
## 13824 2014-01-20         Moree    24.6    41.8     0.0       14.2     11.9
## 13825 2014-01-21         Moree    27.4    42.5     0.0       15.6     13.1
## 13826 2014-01-22         Moree    19.5    40.7     0.0       18.2     10.4
## 13828 2014-01-24         Moree    17.2    30.2    20.8        9.0      1.2
## 13829 2014-01-25         Moree    20.4    34.2     0.4        4.4     11.3
## 13830 2014-01-26         Moree    19.2    33.9     0.0       11.0     13.0
## 13831 2014-01-27         Moree    16.5    33.4     0.0       12.8     13.2
## 13832 2014-01-28         Moree    16.5    33.6     0.0        8.6     13.2
## 13833 2014-01-29         Moree    17.1    34.8     0.0        8.6     13.2
## 13834 2014-01-30         Moree    16.5    34.6     0.0        9.6     13.3
## 13838 2014-02-03         Moree    18.0    35.6     0.0       11.2     13.0
## 13839 2014-02-04         Moree    19.6    35.9     0.0       11.8     12.4
## 13840 2014-02-05         Moree    20.0    33.6     0.0       13.4     10.2
## 13841 2014-02-06         Moree    19.6    30.6     0.0       10.8      3.9
## 13842 2014-02-07         Moree    18.2    33.7     0.0        8.0     12.9
## 13843 2014-02-08         Moree    19.8    35.9     0.0       12.0     12.8
## 13844 2014-02-09         Moree    20.2    36.8     0.0       11.2     12.9
## 13845 2014-02-10         Moree    23.6    40.0     0.0       12.0     10.6
## 13846 2014-02-11         Moree    21.4    36.1     3.6       13.2     12.0
## 13847 2014-02-12         Moree    22.3    39.0     0.0       10.8     12.5
## 13853 2014-02-18         Moree    21.0    35.7     0.0        7.4      8.9
## 13854 2014-02-19         Moree    23.0    31.6     1.2        8.6      2.9
## 13859 2014-02-24         Moree    17.0    32.4     0.0       10.6     12.4
## 13860 2014-02-25         Moree    19.0    32.5     0.0        8.6     12.4
## 13861 2014-02-26         Moree    20.4    30.0     0.0        9.8      5.4
## 13866 2014-03-03         Moree    21.0    33.0     0.2       32.2      7.6
## 13867 2014-03-04         Moree    19.6    30.2     0.0       10.6      8.6
## 13868 2014-03-05         Moree    20.7    32.4     0.0        8.6     10.0
## 13872 2014-03-09         Moree    17.7    32.8     0.0       31.4     11.3
## 13873 2014-03-10         Moree    16.7    33.8     0.0       11.2     11.6
## 13874 2014-03-11         Moree    17.6    33.1     0.0       10.8     11.5
## 13875 2014-03-12         Moree    17.4    32.6     0.0        9.2     11.7
## 13880 2014-03-17         Moree    15.6    30.8     1.0       34.2     11.5
## 13881 2014-03-18         Moree    14.9    34.5     0.0        9.6      9.8
## 13882 2014-03-19         Moree    21.0    35.4     0.0        8.4      9.4
## 13886 2014-03-23         Moree    18.6    33.3     0.0       18.0     10.1
## 13887 2014-03-24         Moree    18.3    28.9     6.2        8.6      5.8
## 13888 2014-03-25         Moree    17.5    25.0     1.0        5.4      0.1
## 13889 2014-03-26         Moree    18.2    20.8    14.2        4.0      0.0
## 13894 2014-03-31         Moree    19.1    31.2     0.0       18.4     10.1
## 13895 2014-04-01         Moree    18.8    30.5     0.0        5.2      9.8
## 13896 2014-04-02         Moree    20.4    31.3     0.0        5.6      9.4
## 13900 2014-04-06         Moree    19.1    29.6     4.8       17.4     10.6
## 13901 2014-04-07         Moree    14.6    28.7     0.0        7.0     10.4
## 13902 2014-04-08         Moree    14.1    28.2     0.0        7.2     11.0
## 13903 2014-04-09         Moree    14.4    28.5     0.0        6.2     10.4
## 13908 2014-04-14         Moree    16.3    28.5     0.0       23.0     10.5
## 13909 2014-04-15         Moree    14.0    26.2     0.0        6.4      8.6
## 13910 2014-04-16         Moree    13.9    27.4     0.0        4.4     10.8
## 13914 2014-04-20         Moree    10.1    26.5     0.0       14.2     11.0
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## 13915 2014-04-21        Moree     9.0   27.6    0.0       5.2      10.9
## 13916 2014-04-22        Moree    11.4   29.8    0.0       5.0      10.0
## 13917 2014-04-23        Moree    15.2   30.2    0.0       6.2      10.4
## 13922 2014-04-28        Moree    13.7   26.1    4.8      18.0       8.2
## 13923 2014-04-29        Moree    12.2   26.9    0.0       3.8      10.3
## 13924 2014-04-30        Moree    16.4   19.5    0.0       5.6       0.7
## 13928 2014-05-04        Moree     6.3   15.9    0.0      11.6       4.2
## 13929 2014-05-05        Moree     4.6   17.4    0.0       2.4       8.6
## 13931 2014-05-07        Moree     6.4   22.8    0.0       3.4       9.0
## 13936 2014-05-12        Moree    10.8   26.0    0.0      15.2      10.0
## 13937 2014-05-13        Moree     9.1   25.4    0.0       4.8      10.5
## 13938 2014-05-14        Moree     9.5   24.4    0.0       5.2      10.5
## 13942 2014-05-18        Moree    12.0   24.0    0.0      17.0       3.0
## 13943 2014-05-19        Moree    13.4   24.9    0.0       3.6       5.5
## 13944 2014-05-20        Moree    13.5   22.0    0.0       4.0       0.0
## 13945 2014-05-21        Moree     9.8   26.4    0.0       3.2       9.9
## 13950 2014-05-26        Moree    11.8   27.6    0.0      12.4       9.9
## 13951 2014-05-27        Moree    14.2   25.9    0.0       5.0       9.9
## 13952 2014-05-28        Moree    14.6   24.7    0.4       6.2       7.7
## 13956 2014-06-01        Moree    15.2   21.4    0.0      12.2       2.5
## 13959 2014-06-04        Moree     5.3   16.9    0.0       2.2       6.3
## 13964 2014-06-09        Moree     5.9   21.4    0.0      11.0       9.9
## 13965 2014-06-10        Moree     7.3   22.7    0.0       4.6      10.0
## 13966 2014-06-11        Moree     7.1   20.8    0.0       5.0       9.8
## 13970 2014-06-15        Moree     6.6   13.6   15.2       8.8       3.7
## 13971 2014-06-16        Moree     4.8   16.0    0.0       0.6       8.8
## 13972 2014-06-17        Moree     3.1   17.2    0.0       3.2       9.9
## 13973 2014-06-18        Moree     2.4   21.7    0.0       1.8       9.8
## 13978 2014-06-23        Moree     5.3   21.4    0.4      10.2       9.2
## 13979 2014-06-24        Moree     7.4   15.9    0.0       3.4       9.5
## 13980 2014-06-25        Moree     2.7   17.4    0.0       4.0       9.3
## 13984 2014-06-29        Moree     5.1   15.2    0.8      10.0       9.6
## 13985 2014-06-30        Moree     5.2   15.2    0.0       4.0       8.5
## 13986 2014-07-01        Moree     0.2   15.4    0.0       2.8       9.9
## 13992 2014-07-07        Moree     2.6   15.8    0.0      13.0       9.3
## 13993 2014-07-08        Moree    -0.8   18.0    0.0       3.2       9.9
## 13994 2014-07-09        Moree     1.8   22.3    0.0       3.2      10.0
## 13998 2014-07-13        Moree     1.4   17.1    0.0       9.4       9.9
## 13999 2014-07-14        Moree     2.7   20.2    0.0       3.2       8.9
## 14000 2014-07-15        Moree    10.2   21.6    0.0       4.0       4.2
## 14001 2014-07-16        Moree    11.9   18.7    5.0       4.6       7.2
## 14008 2014-07-23        Moree     5.3   20.8    0.0       2.8       8.3
## 14013 2014-07-28        Moree     0.3   18.9    0.0       5.2      10.4
## 14014 2014-07-29        Moree     2.5   21.0    0.0       3.4      10.5
## 14015 2014-07-30        Moree     3.5   22.6    0.0       3.6      10.4
## 14020 2014-08-04        Moree     8.9   20.7    0.0      20.6       5.0
## 14021 2014-08-05        Moree     6.8   21.3    0.0       3.4       9.8
## 14022 2014-08-06        Moree     5.9   21.3    0.0       4.2      10.5
## 14026 2014-08-10        Moree     2.6   22.4    0.0      13.4       9.5
## 14027 2014-08-11        Moree     2.1   20.2    0.0       3.6      10.6
## 14028 2014-08-12        Moree    -0.2   19.1    0.0       5.0       9.9
## 14029 2014-08-13        Moree     5.0   20.4    0.0       4.2       5.3
## 14034 2014-08-18        Moree     7.8   15.1   27.4      15.0       2.8
## 14035 2014-08-19        Moree     9.5   16.4    0.4       2.0       4.9
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## 14036 2014-08-20       Moree     4.8    20.2     0.0        2.0    10.8
## 14048 2014-09-01       Moree     6.3    24.9     0.0       19.6    10.0
## 14049 2014-09-02       Moree    11.8    19.2     0.0        5.8     7.6
## 14050 2014-09-03       Moree     4.8    19.2     0.0        6.4    10.9
## 14054 2014-09-07       Moree     8.6    23.8     0.0       18.4     9.4
## 14055 2014-09-08       Moree    10.0    24.9     0.0        5.0     9.3
## 14056 2014-09-09       Moree    10.8    26.4     0.0        6.4    11.0
## 14057 2014-09-10       Moree    16.1    25.4     0.0        7.8    10.5
## 14062 2014-09-15       Moree    12.1    29.0     0.0       26.8    11.1
## 14063 2014-09-16       Moree    12.2    27.1     0.2        7.6    10.7
## 14064 2014-09-17       Moree     7.6    23.9     0.0        8.8    11.6
## 14069 2014-09-22       Moree    13.3    24.0     0.0        6.0     3.5
## 14070 2014-09-23       Moree    11.6    26.9     0.0        6.6    10.6
## 14077 2014-09-30       Moree    13.9    33.1     0.0        7.2    11.4
## 14078 2014-10-01       Moree    15.8    27.3     0.0       10.8    11.7
## 14083 2014-10-06       Moree    14.2    32.3     0.0        7.2    11.7
## 14084 2014-10-07       Moree    17.6    33.7     0.0       11.0     8.9
## 14085 2014-10-08       Moree    12.4    28.4     0.0       10.8    11.3
## 14091 2014-10-14       Moree    10.4    19.4     2.8        7.0    10.3
## 14092 2014-10-15       Moree     6.8    22.3     0.0        8.2    10.0
## 14096 2014-10-19       Moree    13.1    29.3     0.0       26.4    12.5
## 14097 2014-10-20       Moree    15.5    33.7     0.0        7.4    12.1
## 14098 2014-10-21       Moree    16.2    30.8     0.0       10.2    12.2
## 14099 2014-10-22       Moree    14.7    30.2     0.0        9.8    12.1
## 14106 2014-10-29       Moree    12.7    32.5     0.0       14.4    12.7
## 14110 2014-11-02       Moree    14.4    27.2     3.8       34.4    12.2
## 14111 2014-11-03       Moree     9.1    31.2     0.0       11.2    12.5
## 14112 2014-11-04       Moree    17.7    30.8     0.0       10.4    10.1
## 14113 2014-11-05       Moree    18.1    32.3     0.0       10.8     9.1
## 14118 2014-11-10       Moree    22.4    37.7     0.0       42.4    12.6
## 14119 2014-11-11       Moree    19.5    38.2     0.2       12.2    13.0
## 14120 2014-11-12       Moree    19.3    35.8     0.0       15.0    13.0
## 14124 2014-11-16       Moree    23.8    33.7     0.0       46.6    10.4
## 14125 2014-11-17       Moree    16.6    32.4     0.0       15.0    13.3
## 14126 2014-11-18       Moree    15.4    33.5     0.0       12.0    11.8
## 14127 2014-11-19       Moree    16.6    36.4     0.0       13.4    12.1
## 14132 2014-11-24       Moree    23.1    39.4    15.8       60.2     9.5
## 14133 2014-11-25       Moree    21.6    30.6     0.0       13.2     2.0
## 14134 2014-11-26       Moree    21.1    31.3     0.0        7.8     1.4
## 14138 2014-11-30       Moree    18.3    32.8    11.8       38.4    10.3
## 14139 2014-12-01       Moree    20.9    31.2     0.0       11.6     3.1
## 14140 2014-12-02       Moree    21.5    35.6     0.0        9.6    12.4
## 14141 2014-12-03       Moree    22.5    37.6     0.0       13.6    10.3
## 14146 2014-12-08       Moree    22.5    34.2    44.8       37.6     9.9
## 14147 2014-12-09       Moree    22.0    34.4     0.6       10.4    10.5
## 14148 2014-12-10       Moree    22.0    37.4     0.0        8.4    13.4
## 14152 2014-12-14       Moree    15.0    31.8     0.0       36.4    13.4
## 14153 2014-12-15       Moree    18.5    36.0     0.0       10.8    13.4
## 14154 2014-12-16       Moree    20.6    39.3     0.0       12.0     7.7
## 14155 2014-12-17       Moree    20.4    40.2     1.0       12.0    11.6
## 14160 2014-12-22       Moree    21.6    36.0     0.0       48.4    12.8
## 14161 2014-12-23       Moree    22.0    31.3     0.0       14.8     2.0
## 14162 2014-12-24       Moree    20.5    37.3     2.2        4.8    11.9
## 14166 2014-12-28       Moree    17.5    22.7     6.2       21.8     0.0
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## 14167 2014-12-29        Moree    17.6    33.1     3.0      0.4     9.9
## 14168 2014-12-30        Moree    22.4    38.1     0.0      7.2    13.3
## 14169 2014-12-31        Moree    15.9    37.2     0.0     16.4    13.7
## 14174 2015-01-05        Moree    22.1    29.4    44.6     43.6     0.8
## 14175 2015-01-06        Moree    20.7    33.4     0.0      6.0    11.3
## 14176 2015-01-07        Moree    20.0    33.7     0.0      9.8    13.5
## 14180 2015-01-11        Moree    25.3    31.8     0.0     35.0     0.0
## 14181 2015-01-12        Moree    20.7    29.6     2.4      5.8     0.5
## 14182 2015-01-13        Moree    21.7    29.3     1.8      5.2     0.8
## 14183 2015-01-14        Moree    23.4    34.9     1.6      6.2     6.4
## 14188 2015-01-19        Moree    16.7    35.8     0.0     50.4    11.2
## 14189 2015-01-20        Moree    22.6    36.0     0.0     11.2     9.5
## 14190 2015-01-21        Moree    19.7    27.9     8.6     12.2     4.5
## 14194 2015-01-25        Moree    22.8    38.5     2.0     20.6    13.3
## 14195 2015-01-26        Moree    22.8    38.6     0.0     12.0     9.3
## 14196 2015-01-27        Moree    20.7    33.7     1.0      8.0     7.5
## 14202 2015-02-02        Moree    16.6    33.7     0.0     35.8     8.9
## 14203 2015-02-03        Moree    17.0    26.9     3.2     12.8     1.5
## 14204 2015-02-04        Moree    15.1    31.8     0.0      7.2    12.6
## 14210 2015-02-10        Moree    19.8    34.9     0.0     54.0    11.4
## 14211 2015-02-11        Moree    18.7    33.7     0.0     11.4    12.6
## 14216 2015-02-16        Moree    18.1    33.6     0.2     41.2    12.5
## 14217 2015-02-17        Moree    20.4    33.3     0.0      9.6    10.8
## 14218 2015-02-18        Moree    17.7    35.1     0.0     11.2    12.3
## 14222 2015-02-22        Moree    21.7    36.9     1.0     23.8    10.8
## 14223 2015-02-23        Moree    22.1    37.2     0.0     10.6    12.6
## 14224 2015-02-24        Moree    21.2    37.3     0.0     11.4    11.6
## 14225 2015-02-25        Moree    20.9    35.6     0.0     11.8    11.1
## 14230 2015-03-02        Moree    21.5    36.4    14.2     32.8    11.9
## 14231 2015-03-03        Moree    20.1    35.4     0.0     10.2    11.7
## 14232 2015-03-04        Moree    23.6    38.4     0.0     10.4    11.2
## 14236 2015-03-08        Moree    17.6    32.3     0.0     35.6     1.5
## 14237 2015-03-09        Moree    20.1    37.1     0.0      6.4    11.6
## 14238 2015-03-10        Moree    22.3    36.0     0.0      9.8     9.7
## 14239 2015-03-11        Moree    21.1    27.5     1.6     10.0     3.2
## 14244 2015-03-16        Moree    15.7    32.5     0.4     34.4    11.4
## 14245 2015-03-17        Moree    19.1    32.6     0.0      9.2     9.5
## 14246 2015-03-18        Moree    19.2    34.8    11.6     11.4     8.6
## 14250 2015-03-22        Moree    18.9    30.5    12.8     31.0    10.1
## 14251 2015-03-23        Moree    17.6    31.2     0.0      6.8    11.6
## 14265 2015-04-06        Moree    14.9    28.5    50.0     35.4     9.7
## 14266 2015-04-07        Moree    15.0    23.0     2.2      6.2    10.7
## 14267 2015-04-08        Moree     8.2    19.4     0.0      6.8    10.6
## 14271 2015-04-12        Moree    12.9    27.6     0.0     14.4     6.3
## 14272 2015-04-13        Moree    12.6    27.7     0.0      4.0    11.1
## 14273 2015-04-14        Moree    14.0    27.8     0.0      5.4    11.1
## 14274 2015-04-15        Moree    16.6    28.9     0.0      6.0    10.9
## 14279 2015-04-20        Moree    10.0    18.8     9.0     19.0     6.3
## 14280 2015-04-21        Moree     6.8    14.7     0.0      2.8     1.3
## 14281 2015-04-22        Moree     8.2    20.1     1.4      1.2    10.1
## 14285 2015-04-26        Moree     9.5    19.4     0.0     17.2     9.3
## 14286 2015-04-27        Moree     8.2    20.4     0.0      5.4    10.8
## 14288 2015-04-29        Moree     9.5    25.0     0.0      3.8     9.7
## 14293 2015-05-04        Moree    13.4    26.1    18.4     11.6    10.2
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## 14294 2015-05-05        Moree    13.2    27.6     0.2        3.6      10.5
## 14295 2015-05-06        Moree     9.8    21.8     0.0        4.6      10.4
## 14300 2015-05-11        Moree     5.5    22.7     0.0        4.2      10.4
## 14314 2015-05-25        Moree     7.8    21.8    14.2       20.6       9.0
## 14316 2015-05-27        Moree     7.2    21.8     0.0        1.2       9.0
## 14320 2015-05-31        Moree    13.2    20.5     0.0        6.2       1.5
## 14321 2015-06-01        Moree     7.6    16.3     0.8        1.8       8.6
## 14322 2015-06-02        Moree     0.6    14.2     0.0        2.8       9.6
## 14323 2015-06-03        Moree    -0.3    16.0     0.0        2.8       8.2
## 14327 2015-06-07        Moree     5.8    22.3     0.0        7.2       9.9
## 14328 2015-06-08        Moree     6.4    23.0     0.0        3.0       9.6
## 14329 2015-06-09        Moree     7.9    23.6     0.0        3.0       4.5
## 14330 2015-06-10        Moree     6.4    22.7     0.0        1.8       9.9
## 14335 2015-06-15        Moree    12.0    23.4     0.0       14.0       4.5
## 14336 2015-06-16        Moree    13.9    16.9     3.2        3.2       0.0
## 14337 2015-06-17        Moree    14.5    19.4    53.4        4.4       3.2
## 14341 2015-06-21        Moree     3.3    17.6     0.4        5.4      10.0
## 14342 2015-06-22        Moree     5.1    19.6     0.0        2.2      10.0
## 14343 2015-06-23        Moree     8.9    20.8     0.0        1.6       7.3
## 14344 2015-06-24        Moree    12.0    20.4     0.0        3.4       2.7
## 14349 2015-06-29        Moree     5.8    21.0     0.2       10.2       9.7
## 14350 2015-06-30        Moree    10.4    16.5     0.0        2.2       1.0
## 14351 2015-07-01        Moree     9.9    17.3     3.8        1.0       7.3
## 14355 2015-07-05        Moree     4.7    19.9     0.2        6.0       9.8
## 14358 2015-07-08        Moree     2.0    18.5     0.0        3.0      10.1
## 14363 2015-07-13        Moree     5.1    12.3     8.0       11.4       0.5
## 14364 2015-07-14        Moree     4.9    15.5     0.0        1.8       6.6
## 14365 2015-07-15        Moree     3.7    14.8     0.0        2.6       3.5
## 14369 2015-07-19        Moree     3.2    17.5     0.4        5.4      10.3
## 14370 2015-07-20        Moree     2.7    19.1     0.0        2.0      10.0
## 14371 2015-07-21        Moree     4.0    20.2     0.0        3.2       9.2
## 14372 2015-07-22        Moree     6.9    18.4     0.0        2.4       0.9
## 14377 2015-07-27        Moree     5.7    13.4    17.8        6.6       9.3
## 14378 2015-07-28        Moree    -0.1    14.4     0.2        3.0       9.8
## 14379 2015-07-29        Moree     0.2    17.3     0.0        2.2      10.5
## 14383 2015-08-02        Moree     7.2    24.5     0.0        9.2      10.2
## 14384 2015-08-03        Moree     7.5    16.8     0.0        4.2      10.1
## 14385 2015-08-04        Moree     1.3    13.9     0.0        4.4       9.8
## 14386 2015-08-05        Moree    -0.3    13.3     0.0        3.0       9.9
## 14391 2015-08-10        Moree     2.3    20.7     0.0       11.6      10.9
## 14392 2015-08-11        Moree     3.1    22.4     0.0        3.6       8.0
## 14398 2015-08-17        Moree     2.8    19.7     0.0        2.6      10.8
## 14399 2015-08-18        Moree     1.7    19.7     0.0        3.8      10.5
## 14400 2015-08-19        Moree     2.7    20.0     0.0        3.8      10.4
## 14405 2015-08-24        Moree    15.7    25.7     4.8       17.8       7.9
## 14406 2015-08-25        Moree    10.5    17.8     0.6        3.2       6.6
## 14411 2015-08-30        Moree     3.0    17.3     0.0        8.4      11.2
## 14412 2015-08-31        Moree     2.0    18.1     0.0        4.8      10.7
## 14413 2015-09-01        Moree     2.2    19.2     0.0        3.8      11.1
## 14414 2015-09-02        Moree     5.3    23.7     0.0        4.8       5.4
## 14420 2015-09-08        Moree     6.7    18.7     0.0        5.4      10.8
## 14421 2015-09-09        Moree     4.2    20.4     0.0        6.2      11.2
## 14425 2015-09-13        Moree     8.4    26.0     0.0       14.4      11.1
## 14426 2015-09-14        Moree     9.0    25.8     0.0        4.8      11.2
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## 14427 2015-09-15         Moree    11.3   28.5    0.0      6.2   11.1
## 14428 2015-09-16         Moree    11.7   28.9    0.6      8.6    9.7
## 14434 2015-09-22         Moree     9.7   23.9    0.0      5.0   11.2
## 14435 2015-09-23         Moree     4.1   20.8    0.0      9.0   11.5
## 14440 2015-09-28         Moree     7.1   25.7    0.0      7.2   11.6
## 14441 2015-09-29         Moree     8.1   28.2    0.0      7.4   11.2
## 14442 2015-09-30         Moree     9.5   29.6    0.0      7.0   10.6
## 14453 2015-10-11         Moree    15.3   29.8    0.0     27.4   11.7
## 14454 2015-10-12         Moree    16.5   31.6    0.0      8.0    7.6
## 14455 2015-10-13         Moree    18.2   33.3    0.0      9.2    8.5
## 14456 2015-10-14         Moree    16.4   31.7    0.0      9.4   11.5
## 14467 2015-10-25         Moree    18.9   30.8    0.0     27.0    7.0
## 14468 2015-10-26         Moree    19.6   33.9    0.0     10.0    9.1
## 14469 2015-10-27         Moree    15.5   32.0    3.0      8.2   11.8
## 14470 2015-10-28         Moree    15.7   28.2    1.4      9.0   11.1
## 14476 2015-11-03         Moree    20.7   36.8    1.8      8.8   10.8
## 14477 2015-11-04         Moree    21.9   31.5    0.4     10.6    3.2
## 14481 2015-11-08         Moree    16.7   32.3    0.0     25.4    8.5
## 14482 2015-11-09         Moree    18.2   30.1    0.8      8.4    7.8
## 14483 2015-11-10         Moree    16.9   31.6    0.0      7.6   11.6
## 14484 2015-11-11         Moree    19.0   32.5    0.0      8.8   12.0
## 14490 2015-11-17         Moree    17.0   30.3    0.0     11.2   12.7
## 14491 2015-11-18         Moree    17.7   34.0    0.0      7.0   13.1
## 14495 2015-11-22         Moree    18.4   36.7    0.0     37.6   12.7
## 14496 2015-11-23         Moree    19.4   35.1    0.0     10.8   13.1
## 14497 2015-11-24         Moree    13.6   34.7    0.0     14.4   13.5
## 14498 2015-11-25         Moree    16.9   37.7    0.0     10.8   13.1
## 14503 2015-11-30         Moree    16.8   36.9    0.0     57.2   13.1
## 14504 2015-12-01         Moree    20.8   36.7    0.0     12.6    5.6
## 14505 2015-12-02         Moree    20.1   32.0    4.8     11.2    3.9
## 14509 2015-12-06         Moree    18.0   35.2    0.0     31.4   13.5
## 14510 2015-12-07         Moree    19.4   35.7    0.0     11.6   12.9
## 14511 2015-12-08         Moree    21.5   36.3    0.0     14.0   11.3
## 14512 2015-12-09         Moree    23.1   35.2    0.6     13.8    5.7
## 14517 2015-12-14         Moree    19.7   35.4    0.0     48.8   13.0
## 14518 2015-12-15         Moree    23.5   37.1    0.0     12.0    8.2
## 14519 2015-12-16         Moree    20.2   31.5    3.2     10.4    6.0
## 14523 2015-12-20         Moree    20.3   34.6    0.2     28.6   13.5
## 14524 2015-12-21         Moree    21.6   35.3    0.0     14.2   12.2
## 14525 2015-12-22         Moree    23.1   34.3    0.0     10.2    5.7
## 14526 2015-12-23         Moree    21.2   31.8    1.8      9.6    8.2
## 14531 2015-12-28         Moree    19.6   32.7   11.4     33.6   12.8
## 14532 2015-12-29         Moree    16.1   31.8    0.0     14.4   13.6
## 14533 2015-12-30         Moree    15.7   34.3    0.0     11.4   13.6
## 14537 2016-01-03         Moree    18.5   19.7   22.4     30.4    0.0
## 14538 2016-01-04         Moree    17.6   28.2   20.6      2.2    3.5
## 14539 2016-01-05         Moree    19.7   27.3    0.2      4.2    3.2
## 14540 2016-01-06         Moree    17.0   29.8    0.6      4.8   12.0
## 14545 2016-01-11         Moree    21.7   36.7    0.0     37.4   12.9
## 14546 2016-01-12         Moree    23.2   38.8    0.0     10.4   10.8
## 14547 2016-01-13         Moree    23.4   38.6    0.0     11.2    8.7
## 14551 2016-01-17         Moree    15.0   30.6    2.0     23.4   13.1
## 14552 2016-01-18         Moree    17.3   32.1    0.0      9.6   13.1
## 14553 2016-01-19         Moree    20.0   34.3    0.0      9.2   12.8
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## 14554 2016-01-20        Moree   20.5   37.0    0.0   11.4   12.7
## 14559 2016-01-25        Moree   23.7   36.3    2.2   43.0   10.3
## 14565 2016-01-31        Moree   18.7   33.0    7.6   21.8   12.0
## 14566 2016-02-01        Moree   17.0   34.1    0.0   10.4   12.6
## 14567 2016-02-02        Moree   14.9   33.5    0.0   11.2    4.3
## 14568 2016-02-03        Moree   23.1   31.0    0.4    5.2    2.6
## 14573 2016-02-08        Moree   19.7   34.5    0.0   36.2   12.9
## 14574 2016-02-09        Moree   19.0   34.5    0.0   10.2   13.0
## 14575 2016-02-10        Moree   18.3   33.5    0.0   11.6   12.8
## 14579 2016-02-14        Moree   19.8   39.3    0.0   31.6   12.6
## 14580 2016-02-15        Moree   21.0   40.6    0.0   12.6   10.0
## 14581 2016-02-16        Moree   24.2   38.8    0.0   12.0   12.6
## 14582 2016-02-17        Moree   16.2   33.8    0.0   15.4   12.7
## 14587 2016-02-22        Moree   20.2   36.3    1.2   44.2   12.4
## 14588 2016-02-23        Moree   19.5   34.7    0.0   11.2   12.6
## 14589 2016-02-24        Moree   19.9   35.0    0.0   10.2   12.5
## 14593 2016-02-28        Moree   22.8   37.4    0.0   35.4   12.4
## 14594 2016-02-29        Moree   21.9   36.5    0.0   12.2   12.0
## 14595 2016-03-01        Moree   20.2   35.8    0.0   12.2   11.7
## 14596 2016-03-02        Moree   20.7   36.3    0.0   11.0   11.6
## 14601 2016-03-07        Moree   20.0   34.7    0.0   39.2   10.2
## 14602 2016-03-08        Moree   20.1   36.1    0.0   11.2   10.4
## 14603 2016-03-09        Moree   20.4   35.2    0.0   11.0   10.7
## 14607 2016-03-13        Moree   19.9   36.0    0.0   25.8   11.6
## 14608 2016-03-14        Moree   21.8   36.1    0.0   10.4    9.2
## 14617 2016-03-23        Moree   14.3   31.0    5.8   65.4   11.2
## 14623 2016-03-29        Moree   22.0   33.6    0.0   40.4    8.8
## 14624 2016-03-30        Moree   18.4   27.5    0.0   10.4    7.3
## 14629 2016-04-04        Moree   18.6   32.7    0.0   30.8    9.9
## 14635 2016-04-10        Moree   19.4   31.8    0.2   36.4    7.7
## 14636 2016-04-11        Moree   17.5   27.0   13.2    8.6    5.1
## 14637 2016-04-12        Moree   12.2   29.3    0.0    2.6   11.2
## 14638 2016-04-13        Moree   15.4   29.8    0.0    5.4   10.4
## 14643 2016-04-18        Moree   15.6   26.8    0.0   26.0    6.8
## 14644 2016-04-19        Moree   12.5   28.7    0.0    4.6    8.8
## 14645 2016-04-20        Moree   13.5   30.2    0.0    5.2   10.8
## 14649 2016-04-24        Moree   11.4   28.7    0.0   21.2   10.0
## 14650 2016-04-25        Moree   10.9   27.9    0.0    7.8   10.7
## 14651 2016-04-26        Moree   13.1   28.4    0.0    6.8   10.6
## 21120 2009-01-01 NorfolkIsland   20.4   25.8    0.0    6.0   12.4
## 21121 2009-01-02 NorfolkIsland   20.9   26.7    0.2    8.0   10.3
## 21122 2009-01-03 NorfolkIsland   22.3   26.3    0.0    3.2    2.0
## 21123 2009-01-04 NorfolkIsland   21.6   22.2    1.2    2.8    0.0
## 21124 2009-01-05 NorfolkIsland   20.4   23.5    2.6    2.2    2.9
## 21125 2009-01-06 NorfolkIsland   20.4   24.4    0.0    3.0    8.7
## 21126 2009-01-07 NorfolkIsland   20.2   24.2    0.0    7.2    6.0
## 21127 2009-01-08 NorfolkIsland   20.5   24.0    0.0    4.4    6.0
## 21128 2009-01-09 NorfolkIsland   20.9   22.0    0.0    5.0    0.0
## 21129 2009-01-10 NorfolkIsland   18.5   23.1   45.2   15.0    3.0
## 21130 2009-01-11 NorfolkIsland   19.7   22.8    0.4    5.4    1.2
## 21131 2009-01-12 NorfolkIsland   19.8   23.8    0.0    4.0   12.0
## 21132 2009-01-13 NorfolkIsland   19.2   23.2    0.0    7.2    7.1
## 21133 2009-01-14 NorfolkIsland   17.3   22.5    1.6    5.0   10.4
## 21134 2009-01-15 NorfolkIsland   18.5   23.6    0.0    8.0   12.7
```

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## 21135 2009-01-16 NorfolkIsland       17.3    22.8     0.0       5.2    11.9
## 21136 2009-01-17 NorfolkIsland       16.2    23.4     0.0       5.8     9.6
## 21137 2009-01-18 NorfolkIsland       17.9    22.6    12.8       5.8     5.1
## 21138 2009-01-19 NorfolkIsland       16.5    22.5     0.0       5.0    10.6
## 21139 2009-01-20 NorfolkIsland       17.0    23.0     0.0       6.0    12.2
## 21140 2009-01-21 NorfolkIsland       16.9    23.6     0.0       8.0    13.0
## 21141 2009-01-22 NorfolkIsland       19.3    24.0     0.0       7.8    11.8
## 21142 2009-01-23 NorfolkIsland       20.2    24.5     0.0       7.0     2.6
## 21143 2009-01-24 NorfolkIsland       20.1    25.1     0.0       2.6     9.1
## 21144 2009-01-25 NorfolkIsland       20.5    25.1     0.0       7.2    10.4
## 21145 2009-01-26 NorfolkIsland       19.6    24.7     0.0       6.8    12.1
## 21146 2009-01-27 NorfolkIsland       18.6    23.9     0.0       7.6    13.0
## 21147 2009-01-28 NorfolkIsland       17.8    24.2     0.0       5.6    12.7
## 21148 2009-01-29 NorfolkIsland       19.5    24.1     0.8       8.8    11.5
## 21149 2009-01-30 NorfolkIsland       18.2    24.2     0.0       7.8    12.1
## 21150 2009-01-31 NorfolkIsland       20.1    23.7     0.0       7.2     8.9
## 21151 2009-02-01 NorfolkIsland       19.3    23.6     2.0       5.4     1.1
## 21152 2009-02-02 NorfolkIsland       19.9    24.2     0.2       4.2     6.5
## 21153 2009-02-03 NorfolkIsland       19.6    24.8     0.0       5.6     8.3
## 21154 2009-02-04 NorfolkIsland       20.0    25.0     0.0       5.2     3.8
## 21155 2009-02-05 NorfolkIsland       21.5    22.1     1.8       4.2     0.0
## 21156 2009-02-06 NorfolkIsland       20.6    23.1    17.6       2.8     0.0
## 21157 2009-02-07 NorfolkIsland       21.5    25.5     3.8       0.4     1.2
## 21158 2009-02-08 NorfolkIsland       22.2    26.8     6.0       0.6     9.7
## 21159 2009-02-09 NorfolkIsland       23.7    25.4     0.6       4.8     0.1
## 21160 2009-02-10 NorfolkIsland       22.2    26.3    20.6       3.4    10.6
## 21161 2009-02-11 NorfolkIsland       20.9    27.1     0.2       4.8    10.0
## 21162 2009-02-12 NorfolkIsland       23.6    27.0     0.0       6.4     5.0
## 21163 2009-02-13 NorfolkIsland       21.7    25.5     5.8       4.0     6.3
## 21164 2009-02-14 NorfolkIsland       20.2    23.4     0.0       8.0     4.7
## 21165 2009-02-15 NorfolkIsland       20.0    24.7     0.0       6.8     5.0
## 21166 2009-02-16 NorfolkIsland       21.2    28.1    10.0       4.4     8.2
## 21167 2009-02-17 NorfolkIsland       23.2    27.4     0.2       4.2     5.2
## 21168 2009-02-18 NorfolkIsland       23.5    27.6     0.4       1.2     2.6
## 21169 2009-02-19 NorfolkIsland       23.9    28.1     0.0       2.6     7.7
## 21170 2009-02-20 NorfolkIsland       24.3    26.4     0.0       5.2     1.4
## 21172 2009-02-22 NorfolkIsland       20.1    25.7     6.0       3.8     9.9
## 21173 2009-02-23 NorfolkIsland       21.6    25.6     0.2       6.0     4.0
## 21174 2009-02-24 NorfolkIsland       20.5    25.6     0.0       5.4    12.1
## 21175 2009-02-25 NorfolkIsland       19.5    25.7     0.0       8.0    12.0
## 21176 2009-02-26 NorfolkIsland       21.0    25.2     0.0       8.0     0.1
## 21178 2009-02-28 NorfolkIsland       20.0    24.7     0.8       1.4    12.1
## 21179 2009-03-01 NorfolkIsland       18.3    25.9     0.0       4.6    12.0
## 21180 2009-03-02 NorfolkIsland       19.1    24.3     0.0       5.8     3.1
## 21181 2009-03-03 NorfolkIsland       20.0    25.4     0.0       4.0    10.6
## 21182 2009-03-04 NorfolkIsland       20.6    24.7     0.0       6.0     0.6
## 21183 2009-03-05 NorfolkIsland       20.7    25.3     4.4       2.6    11.2
## 21184 2009-03-06 NorfolkIsland       20.2    26.5     0.0       6.2    11.8
## 21185 2009-03-07 NorfolkIsland       20.5    25.1     0.8       4.8     9.7
## 21186 2009-03-08 NorfolkIsland       20.1    24.5     0.0       6.0    11.2
## 21187 2009-03-09 NorfolkIsland       19.6    24.1     0.0       8.0    11.1
## 21188 2009-03-10 NorfolkIsland       18.7    24.0     0.2       7.0    10.5
## 21189 2009-03-11 NorfolkIsland       19.5    23.6     0.0       5.2     6.4
## 21190 2009-03-12 NorfolkIsland       18.7    23.8     0.2       6.2     8.7
```

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## 21191 2009-03-13 NorfolkIsland    18.1    23.8     0.0     6.0    10.4
## 21192 2009-03-14 NorfolkIsland    19.1    23.7     0.6     6.4     0.9
## 21193 2009-03-15 NorfolkIsland    19.3    24.5     0.0     3.6     9.5
## 21194 2009-03-16 NorfolkIsland    20.7    25.8     0.0     4.4    10.7
## 21195 2009-03-17 NorfolkIsland    21.4    26.3     0.0     6.8     8.9
## 21196 2009-03-18 NorfolkIsland    20.8    25.8     0.0     4.0     8.7
## 21197 2009-03-19 NorfolkIsland    20.4    24.9     1.8     4.2     9.8
## 21198 2009-03-20 NorfolkIsland    20.3    24.1     0.8     6.8     0.4
## 21199 2009-03-21 NorfolkIsland    19.8    24.4     4.8     2.6     2.2
## 21200 2009-03-22 NorfolkIsland    20.5    22.4     0.0     5.0     0.3
## 21201 2009-03-23 NorfolkIsland    20.3    23.5     0.0     4.4     9.5
## 21202 2009-03-24 NorfolkIsland    18.2    22.6     0.0     6.4     1.1
## 21203 2009-03-25 NorfolkIsland    18.9    21.9     2.4     4.8     0.0
## 21204 2009-03-26 NorfolkIsland    18.5    23.7    40.0     5.8     8.4
## 21205 2009-03-27 NorfolkIsland    19.8    24.5     1.0     6.6     6.4
## 21206 2009-03-28 NorfolkIsland    20.0    25.1     0.4     4.4     4.9
## 21207 2009-03-29 NorfolkIsland    21.0    25.0     3.0     5.2     7.8
## 21208 2009-03-30 NorfolkIsland    21.7    24.4     0.0     5.4     0.2
## 21209 2009-03-31 NorfolkIsland    21.4    25.3     0.2     6.0    10.1
## 21210 2009-04-01 NorfolkIsland    20.5    25.6     0.6     5.8     9.2
## 21211 2009-04-02 NorfolkIsland    19.4    24.4     1.8     6.6     8.1
## 21212 2009-04-03 NorfolkIsland    18.5    24.8     2.2     6.2     9.9
## 21213 2009-04-04 NorfolkIsland    19.6    25.2     0.0    10.6     8.9
## 21214 2009-04-05 NorfolkIsland    19.2    24.8     0.0     5.8    10.3
## 21215 2009-04-06 NorfolkIsland    19.5    24.9     0.0     6.4    10.2
## 21216 2009-04-07 NorfolkIsland    18.4    24.5     0.4     5.6     5.4
## 21217 2009-04-08 NorfolkIsland    18.0    22.8     0.2     2.4     1.4
## 21218 2009-04-09 NorfolkIsland    16.3    22.2     2.4     3.8     9.6
## 21219 2009-04-10 NorfolkIsland    16.9    23.1     0.0     5.0    10.3
## 21220 2009-04-11 NorfolkIsland    18.5    23.1     0.0     6.6     5.3
## 21221 2009-04-12 NorfolkIsland    18.5    23.6     0.0     7.2     4.8
## 21222 2009-04-13 NorfolkIsland    19.6    23.6     0.0     5.2     3.1
## 21223 2009-04-14 NorfolkIsland    19.2    24.4     0.6     3.8    10.4
## 21224 2009-04-15 NorfolkIsland    19.0    23.9     0.6     6.6     3.3
## 21225 2009-04-16 NorfolkIsland    20.2    23.7     0.0     5.4     1.7
## 21226 2009-04-17 NorfolkIsland    19.0    22.4     5.8     4.8     1.3
## 21227 2009-04-18 NorfolkIsland    19.4    22.1    25.8     3.2     0.7
## 21228 2009-04-19 NorfolkIsland    18.7    22.5    17.2     0.8     7.8
## 21229 2009-04-20 NorfolkIsland    18.2    24.0     0.0     4.0    10.2
## 21230 2009-04-21 NorfolkIsland    17.2    23.6    10.8     5.0     7.3
## 21231 2009-04-22 NorfolkIsland    19.7    24.2     0.0     2.4     6.3
## 21232 2009-04-23 NorfolkIsland    20.5    24.1    16.2     6.0     9.2
## 21233 2009-04-24 NorfolkIsland    19.7    23.4     1.2     4.2    10.5
## 21234 2009-04-25 NorfolkIsland    18.8    23.4     0.0     5.6    10.6
## 21235 2009-04-26 NorfolkIsland    15.4    23.6     0.0     4.0    10.6
## 21236 2009-04-27 NorfolkIsland    14.8    23.0     0.0     4.0     9.8
## 21238 2009-04-29 NorfolkIsland    15.7    23.0     0.0     2.0     8.4
## 21239 2009-04-30 NorfolkIsland    17.5    22.4     0.0     2.8     8.4
## 21240 2009-05-01 NorfolkIsland    16.7    20.8     0.4     3.0     4.3
## 21241 2009-05-02 NorfolkIsland    16.4    20.3    11.4     4.2     9.9
## 21242 2009-05-03 NorfolkIsland    15.9    20.4     0.0     5.6    10.6
## 21243 2009-05-04 NorfolkIsland    16.2    20.0     0.2     4.4     9.4
## 21244 2009-05-05 NorfolkIsland    16.0    20.4     0.0     6.4     9.5
## 21245 2009-05-06 NorfolkIsland    15.9    20.1     0.0     4.4     8.6
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## 21246 2009-05-07 NorfolkIsland     14.5    20.3     2.6       3.0      9.2
## 21247 2009-05-08 NorfolkIsland     16.4    20.9     0.0       5.0      9.1
## 21248 2009-05-09 NorfolkIsland     15.7    19.5     2.6       6.6      8.2
## 21249 2009-05-10 NorfolkIsland     16.0    20.7     0.2       4.2      8.4
## 21250 2009-05-11 NorfolkIsland     14.5    19.1     2.0       6.0      9.1
## 21251 2009-05-12 NorfolkIsland     15.0    19.6     0.4       6.4      9.0
## 21252 2009-05-13 NorfolkIsland     14.7    20.2     2.8       3.6      8.9
## 21253 2009-05-14 NorfolkIsland     15.0    20.6     0.2       3.0      9.4
## 21254 2009-05-15 NorfolkIsland     16.0    21.6     0.0       4.0      9.0
## 21255 2009-05-16 NorfolkIsland     15.3    21.7     0.0       4.6      8.1
## 21256 2009-05-17 NorfolkIsland     16.6    21.4     3.6       2.0      8.4
## 21257 2009-05-18 NorfolkIsland     17.2    20.5     0.6       1.8      8.3
## 21258 2009-05-19 NorfolkIsland     16.1    18.8     0.0       5.2      3.0
## 21259 2009-05-20 NorfolkIsland     14.7    19.2     0.2       3.6      6.9
## 21260 2009-05-21 NorfolkIsland     14.6    18.9     5.6       4.8      6.4
## 21261 2009-05-22 NorfolkIsland     16.1    18.0     0.0       6.0      0.0
## 21262 2009-05-23 NorfolkIsland     16.7    17.9     0.0       3.8      0.0
## 21263 2009-05-24 NorfolkIsland     16.3    18.5     0.0       3.4      2.4
## 21264 2009-05-25 NorfolkIsland     15.0    18.8     0.0       5.0      8.2
## 21265 2009-05-26 NorfolkIsland     15.0    18.9     1.2       4.2      9.1
## 21266 2009-05-27 NorfolkIsland     15.0    20.2     0.2       4.0      9.5
## 21267 2009-05-28 NorfolkIsland     15.5    19.4     0.6       3.6      9.5
## 21269 2009-05-30 NorfolkIsland     13.5    20.4     1.4       2.2      8.7
## 21270 2009-05-31 NorfolkIsland     16.5    18.7     0.2       4.2      8.8
## 21271 2009-06-01 NorfolkIsland     14.5    18.0     0.4       5.0      3.5
## 21272 2009-06-02 NorfolkIsland     13.0    17.9     2.4       4.2      3.8
## 21273 2009-06-03 NorfolkIsland     13.6    18.7     0.4       3.6      5.7
## 21274 2009-06-04 NorfolkIsland     13.8    19.6     8.2       4.8      8.8
## 21275 2009-06-05 NorfolkIsland     14.5    19.5     1.0       3.0      8.7
## 21276 2009-06-06 NorfolkIsland     14.9    19.1     0.0       3.0      2.2
## 21277 2009-06-07 NorfolkIsland     16.1    21.1    43.0       4.0      3.7
## 21278 2009-06-08 NorfolkIsland     17.6    20.7    14.4       2.8      9.4
## 21280 2009-06-10 NorfolkIsland     16.9    20.5     0.0       1.8      2.0
## 21281 2009-06-11 NorfolkIsland     17.3    21.0     1.0       1.2      4.3
## 21282 2009-06-12 NorfolkIsland     15.3    19.9     0.2       1.4      7.9
## 21283 2009-06-13 NorfolkIsland     15.6    19.1     0.4       6.4      6.6
## 21285 2009-06-15 NorfolkIsland     13.3    19.2     1.2       1.8      9.3
## 21286 2009-06-16 NorfolkIsland     14.6    20.6     0.0       3.2      3.9
## 21287 2009-06-17 NorfolkIsland     14.1    19.3     1.0       2.4      8.2
## 21288 2009-06-18 NorfolkIsland     14.5    17.4     0.0       4.0      7.4
## 21289 2009-06-19 NorfolkIsland     14.0    17.9     0.0       4.0      6.7
## 21290 2009-06-20 NorfolkIsland     14.9    17.5     0.0       5.0      4.1
## 21291 2009-06-21 NorfolkIsland     13.6    18.2     1.0       4.2      7.3
## 21292 2009-06-22 NorfolkIsland     14.4    18.5     0.0       6.0      8.0
## 21293 2009-06-23 NorfolkIsland     14.3    18.2     0.0       4.0      9.3
## 21294 2009-06-24 NorfolkIsland     14.1    18.6     0.0       4.2      1.2
## 21295 2009-06-25 NorfolkIsland     16.0    20.3     0.0       3.8      4.0
## 21296 2009-06-26 NorfolkIsland     17.8    20.5     0.0       2.4      0.8
## 21297 2009-06-27 NorfolkIsland     17.8    20.5     7.4       1.8      0.0
## 21298 2009-06-28 NorfolkIsland     17.3    19.9    16.6       4.6      5.0
## 21299 2009-06-29 NorfolkIsland     15.9    18.7    10.6       7.4      6.4
## 21300 2009-06-30 NorfolkIsland     14.7    18.7     1.8       2.6      6.8
## 21302 2009-07-02 NorfolkIsland     13.9    19.8     0.0       2.6      8.5
## 21303 2009-07-03 NorfolkIsland     17.5    19.6     0.6       2.8      4.8
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## 21304 2009-07-04 NorfolkIsland    13.9   18.6   14.2    4.6    2.8
## 21305 2009-07-05 NorfolkIsland    13.8   18.9    5.6    4.6    7.1
## 21306 2009-07-06 NorfolkIsland    15.2   18.8    1.4    6.4    8.3
## 21307 2009-07-07 NorfolkIsland    12.9   18.5    0.0    3.4    3.3
## 21309 2009-07-09 NorfolkIsland    14.6   17.6   12.4    0.2    1.3
## 21310 2009-07-10 NorfolkIsland    14.7   19.3    4.6    0.6    0.0
## 21311 2009-07-11 NorfolkIsland    15.9   19.7   34.4    4.2    0.1
## 21312 2009-07-12 NorfolkIsland    13.6   17.1    8.8    2.0    7.0
## 21313 2009-07-13 NorfolkIsland    14.4   17.1    0.4    2.6    3.8
## 21314 2009-07-14 NorfolkIsland    11.9   19.9    0.0    2.8    4.3
## 21315 2009-07-15 NorfolkIsland    16.2   20.6    0.0    3.6    8.5
## 21316 2009-07-16 NorfolkIsland    13.3   18.3    2.2    3.4    0.1
## 21317 2009-07-17 NorfolkIsland    14.7   18.5   15.2    1.8    3.9
## 21318 2009-07-18 NorfolkIsland    13.4   18.1    1.4    2.2    8.8
## 21319 2009-07-19 NorfolkIsland    13.9   18.1    0.2    3.2    9.0
## 21320 2009-07-20 NorfolkIsland    11.3   18.1    1.0    3.8    9.8
## 21321 2009-07-21 NorfolkIsland    12.2   17.7    6.0    4.0    9.8
## 21322 2009-07-22 NorfolkIsland    11.8   19.2    0.0    2.0    6.7
## 21323 2009-07-23 NorfolkIsland    14.3   19.1    0.0    2.8    0.4
## 21324 2009-07-24 NorfolkIsland    16.4   18.9    0.0    2.4    1.1
## 21325 2009-07-25 NorfolkIsland    12.0   16.5    8.2    3.0    7.1
## 21326 2009-07-26 NorfolkIsland    12.4   17.0    0.0    5.0    9.4
## 21327 2009-07-27 NorfolkIsland    10.4   17.3    0.0    2.2    2.8
## 21328 2009-07-28 NorfolkIsland    13.9   19.2    4.2    2.6    4.1
## 21330 2009-07-30 NorfolkIsland    13.5   17.7    0.0    2.0    9.9
## 21331 2009-07-31 NorfolkIsland    12.0   17.8    0.0    2.4    9.5
## 21332 2009-08-01 NorfolkIsland    11.3   18.4    0.0    2.0    8.7
## 21333 2009-08-02 NorfolkIsland    12.5   18.3    0.0    1.8    9.9
## 21334 2009-08-03 NorfolkIsland    14.0   17.9    0.0    5.4    6.9
## 21335 2009-08-04 NorfolkIsland    12.5   18.2    0.0    3.2    7.7
## 21336 2009-08-05 NorfolkIsland    15.0   18.4    0.0    4.0    3.6
## 21337 2009-08-06 NorfolkIsland    15.6   18.3    0.2    1.8    0.0
## 21338 2009-08-07 NorfolkIsland    16.1   19.2    2.0    1.0    2.1
## 21339 2009-08-08 NorfolkIsland    16.0   19.5    0.4    3.6    3.3
## 21340 2009-08-09 NorfolkIsland    16.5   20.5    7.6    3.6    1.9
## 21341 2009-08-10 NorfolkIsland    14.1   18.6    3.0    0.8    8.4
## 21342 2009-08-11 NorfolkIsland    13.6   18.6    0.0    2.0    9.6
## 21343 2009-08-12 NorfolkIsland    12.2   18.0    0.4    2.9   10.2
## 21344 2009-08-13 NorfolkIsland    14.9   18.3    0.0    3.4    9.1
## 21345 2009-08-14 NorfolkIsland    14.7   19.5    0.0    5.0   10.1
## 21346 2009-08-15 NorfolkIsland    15.5   19.3    0.6    2.6    9.1
## 21347 2009-08-16 NorfolkIsland    14.7   18.6    0.2    4.2    9.2
## 21348 2009-08-17 NorfolkIsland    14.2   18.9    1.4    7.4    9.3
## 21349 2009-08-18 NorfolkIsland    13.3   19.7    0.0    3.4    2.8
## 21350 2009-08-19 NorfolkIsland    12.7   16.1    7.0    3.0    2.5
## 21351 2009-08-20 NorfolkIsland    13.3   17.2    1.8    3.8    9.0
## 21352 2009-08-21 NorfolkIsland    13.3   17.6    0.4    4.4    6.3
## 21353 2009-08-22 NorfolkIsland    12.6   17.7    1.0    4.0    5.9
## 21354 2009-08-23 NorfolkIsland    12.9   19.3    2.4    2.4    5.1
## 21355 2009-08-24 NorfolkIsland    14.0   17.9    0.0    4.0    9.8
## 21356 2009-08-25 NorfolkIsland    11.4   19.0    0.0    2.4   10.4
## 21357 2009-08-26 NorfolkIsland    16.3   20.2    0.0    3.2    6.5
## 21358 2009-08-27 NorfolkIsland    18.1   21.8    0.0    2.6    4.9
## 21359 2009-08-28 NorfolkIsland    17.0   19.9    0.2    2.6    5.4
```

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## 21360 2009-08-29 NorfolkIsland    16.1   20.3    3.6    2.0    9.7
## 21361 2009-08-30 NorfolkIsland    14.4   20.7    0.2    3.4    6.7
## 21362 2009-08-31 NorfolkIsland    16.0   19.0    2.6    2.8    2.4
## 21363 2009-09-01 NorfolkIsland    14.5   18.3    1.4    2.0    0.1
## 21364 2009-09-02 NorfolkIsland    15.3   18.6    8.6    3.6   10.1
## 21365 2009-09-03 NorfolkIsland    13.8   17.6    1.0    4.8   10.4
## 21366 2009-09-04 NorfolkIsland    14.0   17.6    0.0    6.8    9.3
## 21367 2009-09-05 NorfolkIsland    12.7   17.5    0.0    6.2    6.2
## 21368 2009-09-06 NorfolkIsland    13.5   17.9    0.4    6.4    5.4
## 21369 2009-09-07 NorfolkIsland    13.4   19.0    0.0    4.0    6.4
## 21370 2009-09-08 NorfolkIsland    14.7   19.7    0.0    3.2    7.6
## 21371 2009-09-09 NorfolkIsland    16.5   19.1    0.0    8.0    2.8
## 21372 2009-09-10 NorfolkIsland    15.9   19.8    9.0    3.8    1.8
## 21373 2009-09-11 NorfolkIsland    16.1   17.9   45.6    2.6    0.0
## 21374 2009-09-12 NorfolkIsland    14.3   18.3   38.6    2.6   10.0
## 21375 2009-09-13 NorfolkIsland    15.9   18.5    0.0    6.8    0.8
## 21376 2009-09-14 NorfolkIsland    16.2   19.5    0.6    3.4    5.2
## 21377 2009-09-15 NorfolkIsland    15.8   18.7    0.0    3.4    2.8
## 21378 2009-09-16 NorfolkIsland    15.1   19.2    1.2    4.2    2.8
## 21379 2009-09-17 NorfolkIsland    15.9   18.9    1.2    4.8    5.1
## 21380 2009-09-18 NorfolkIsland    14.5   19.4    0.0    4.8    4.8
## 21381 2009-09-19 NorfolkIsland    13.8   19.1    0.0    2.6    0.8
## 21382 2009-09-20 NorfolkIsland    15.4   20.5    0.0    3.4    7.0
## 21383 2009-09-21 NorfolkIsland    15.3   20.1    2.0    4.0    8.9
## 21384 2009-09-22 NorfolkIsland    15.7   20.3    0.8    4.2    4.8
## 21385 2009-09-23 NorfolkIsland    15.2   21.2    0.0    2.0   10.4
## 21387 2009-09-25 NorfolkIsland    14.6   20.4    3.4    2.6    9.8
## 21388 2009-09-26 NorfolkIsland    15.8   20.1    0.0    6.6   10.7
## 21389 2009-09-27 NorfolkIsland    14.2   20.0    0.0    5.6    9.6
## 21390 2009-09-28 NorfolkIsland    15.4   20.1    3.6    4.2    7.4
## 21391 2009-09-29 NorfolkIsland    16.5   19.5    0.0    5.6    0.1
## 21392 2009-09-30 NorfolkIsland    16.1   19.9    0.0    3.6    9.0
## 21393 2009-10-01 NorfolkIsland    15.5   19.5    0.2    4.8   10.9
## 21394 2009-10-02 NorfolkIsland    12.6   19.8    0.0    6.4   10.6
## 21395 2009-10-03 NorfolkIsland    14.4   20.5    0.0    5.4    1.6
## 21396 2009-10-04 NorfolkIsland    17.2   20.9    0.0    4.0    1.2
## 21397 2009-10-05 NorfolkIsland    14.1   18.2    7.8    3.4    8.0
## 21398 2009-10-06 NorfolkIsland    13.4   18.5    0.0    5.6    7.7
## 21399 2009-10-07 NorfolkIsland    13.0   19.0    0.0    5.2    8.4
## 21400 2009-10-08 NorfolkIsland    14.8   20.3    0.0    8.0    5.4
## 21401 2009-10-09 NorfolkIsland    16.0   19.7   17.2    5.2   10.2
## 21402 2009-10-10 NorfolkIsland    13.1   18.3    0.8    6.8   10.1
## 21404 2009-10-12 NorfolkIsland    12.1   18.4    1.0    3.2    6.2
## 21405 2009-10-13 NorfolkIsland    12.0   19.3    0.0    4.0    9.5
## 21406 2009-10-14 NorfolkIsland    15.4   21.0    0.0    5.6   10.4
## 21407 2009-10-15 NorfolkIsland    17.5   21.8    0.0    5.6    9.4
## 21408 2009-10-16 NorfolkIsland    18.8   22.2    0.0    5.0   10.8
## 21409 2009-10-17 NorfolkIsland    18.6   21.4    0.0    4.0    3.4
## 21410 2009-10-18 NorfolkIsland    16.5   20.6    0.2    4.2   11.2
## 21411 2009-10-19 NorfolkIsland    14.5   19.4    1.8    7.8   11.6
## 21412 2009-10-20 NorfolkIsland    13.1   19.2    0.0    7.4    8.4
## 21413 2009-10-21 NorfolkIsland    14.1   19.5    0.0    4.8   11.8
## 21414 2009-10-22 NorfolkIsland    13.9   19.4    0.0    7.0    7.4
## 21415 2009-10-23 NorfolkIsland    13.9   19.7    0.0    4.6   10.7
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## 21416 2009-10-24 NorfolkIsland    14.3   20.2    0.0    5.2   10.1
## 21417 2009-10-25 NorfolkIsland    11.0   20.3    0.0    5.8   11.1
## 21418 2009-10-26 NorfolkIsland    14.3   21.6    0.0    3.4   11.8
## 21419 2009-10-27 NorfolkIsland    16.7   20.2    0.0    8.0   10.0
## 21420 2009-10-28 NorfolkIsland    14.8   20.4    0.0    6.8    9.8
## 21421 2009-10-29 NorfolkIsland    14.8   20.9    0.2    6.8    7.0
## 21422 2009-10-30 NorfolkIsland    14.6   19.0    0.2    6.8    7.4
## 21423 2009-10-31 NorfolkIsland    13.4   19.4    0.4    6.2   11.4
## 21424 2009-11-01 NorfolkIsland    14.2   19.6    0.2    6.8    6.4
## 21425 2009-11-02 NorfolkIsland    14.1   19.6    0.4    5.4   12.4
## 21426 2009-11-03 NorfolkIsland    15.4   21.4    0.0    5.8   10.5
## 21427 2009-11-04 NorfolkIsland    14.0   21.2    2.4    6.4   12.3
## 21428 2009-11-05 NorfolkIsland    13.2   21.9    0.0    6.2   12.5
## 21429 2009-11-06 NorfolkIsland    15.4   21.9    0.0    4.0    8.6
## 21430 2009-11-07 NorfolkIsland    16.6   20.1    2.4    3.0    1.1
## 21431 2009-11-08 NorfolkIsland    15.2   19.4    0.0    4.0    4.7
## 21432 2009-11-09 NorfolkIsland    15.9   20.4    0.0    7.6    3.3
## 21433 2009-11-10 NorfolkIsland    16.1   20.9    0.0    6.0    9.1
## 21434 2009-11-11 NorfolkIsland    15.4   21.1    0.0    6.6   10.2
## 21435 2009-11-12 NorfolkIsland    16.6   21.3    0.0    5.4    6.1
## 21436 2009-11-13 NorfolkIsland    15.7   21.2    0.0    4.6   10.6
## 21437 2009-11-14 NorfolkIsland    13.9   20.8    0.0    8.0   11.1
## 21438 2009-11-15 NorfolkIsland    13.9   22.3    0.0    6.0   13.0
## 21439 2009-11-16 NorfolkIsland    15.8   22.8    0.0    6.0   12.6
## 21440 2009-11-17 NorfolkIsland    16.8   23.6    0.0    5.0   11.7
## 21441 2009-11-18 NorfolkIsland    19.9   23.8    0.0    5.4   10.5
## 21442 2009-11-19 NorfolkIsland    17.7   21.7    2.8    7.8    7.6
## 21443 2009-11-20 NorfolkIsland    16.7   21.3    0.0    8.0    3.0
## 21444 2009-11-21 NorfolkIsland    16.6   21.6    0.0    6.0    6.1
## 21445 2009-11-22 NorfolkIsland    17.0   22.5    0.0    6.0   10.1
## 21446 2009-11-23 NorfolkIsland    16.4   21.7    0.0    6.2    2.7
## 21447 2009-11-24 NorfolkIsland    17.6   22.1    0.0    5.4    3.5
## 21448 2009-11-25 NorfolkIsland    18.2   23.0    0.0    7.0    6.7
## 21449 2009-11-26 NorfolkIsland    17.5   22.7    0.0    5.8   13.0
## 21450 2009-11-27 NorfolkIsland    16.1   23.1    0.0    8.6   13.0
## 21451 2009-11-28 NorfolkIsland    15.5   23.9    0.0    8.0   13.1
## 21452 2009-11-29 NorfolkIsland    17.7   24.7    0.0    8.0   13.1
## 21453 2009-11-30 NorfolkIsland    20.0   24.3    0.0    6.4    4.6
## 21454 2009-12-01 NorfolkIsland    19.1   25.0   12.8    2.0   11.9
## 21455 2009-12-02 NorfolkIsland    21.1   25.4    0.0    5.0   10.3
## 21456 2009-12-03 NorfolkIsland    20.1   24.6    0.0    6.2   11.3
## 21457 2009-12-04 NorfolkIsland    17.6   23.9    0.0    6.4   12.3
## 21458 2009-12-05 NorfolkIsland    16.8   23.2    0.0    7.4   13.1
## 21459 2009-12-06 NorfolkIsland    17.4   23.8    0.0    9.2   10.7
## 21460 2009-12-07 NorfolkIsland    16.5   24.5    0.0    7.0   13.3
## 21461 2009-12-08 NorfolkIsland    17.1   24.8    0.0   10.0   11.9
## 21462 2009-12-09 NorfolkIsland    17.4   24.5    0.0    5.4    8.3
## 21463 2009-12-10 NorfolkIsland    17.5   25.7    0.0    5.4   12.7
## 21466 2009-12-13 NorfolkIsland    17.5   25.9    0.0    6.2   10.9
## 21467 2009-12-14 NorfolkIsland    18.3   24.0    0.0    4.0    5.8
## 21468 2009-12-15 NorfolkIsland    17.4   23.7    0.0    5.2    8.8
## 21469 2009-12-16 NorfolkIsland    17.1   22.3    0.0    8.4   11.9
## 21470 2009-12-17 NorfolkIsland    17.2   22.7    0.0   11.0    9.5
## 21471 2009-12-18 NorfolkIsland    15.6   23.4    0.0    9.0   12.8
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## 21472 2009-12-19 NorfolkIsland   15.4   24.9   0.0    6.0   13.0
## 21473 2009-12-20 NorfolkIsland   17.7   24.9   0.0    8.2   11.7
## 21474 2009-12-21 NorfolkIsland   20.1   25.1   0.0    8.4    6.5
## 21475 2009-12-22 NorfolkIsland   19.4   24.8   0.0    7.0    8.8
## 21476 2009-12-23 NorfolkIsland   19.0   25.0   0.0    8.0   10.2
## 21477 2009-12-24 NorfolkIsland   17.9   24.1   0.0    7.8   12.6
## 21478 2009-12-25 NorfolkIsland   18.9   25.1   2.0    7.4   11.4
## 21479 2009-12-26 NorfolkIsland   19.5   25.1   0.0    9.6   12.3
## 21480 2009-12-27 NorfolkIsland   18.7   25.2   0.0    8.0    7.2
## 21481 2009-12-28 NorfolkIsland   19.4   25.4   0.0    8.0   11.7
## 21482 2009-12-29 NorfolkIsland   17.5   25.4   0.0    8.0   11.4
## 21483 2009-12-30 NorfolkIsland   17.6   25.3   0.0    6.0   12.7
## 21484 2009-12-31 NorfolkIsland   18.2   25.9   0.0    7.6    3.6
## 21485 2010-01-01 NorfolkIsland   18.6   24.5   0.0    7.4    5.2
## 21486 2010-01-02 NorfolkIsland   19.3   25.2   0.0    7.2   12.6
## 21487 2010-01-03 NorfolkIsland   20.7   26.4   0.0    6.8   12.2
## 21488 2010-01-04 NorfolkIsland   20.2   26.7   0.0    7.0    9.1
## 21489 2010-01-05 NorfolkIsland   20.9   24.7   0.0    6.0    0.9
## 21490 2010-01-06 NorfolkIsland   19.5   24.9   0.8    4.8    7.1
## 21491 2010-01-07 NorfolkIsland   19.5   25.2   0.0    6.2    8.1
## 21492 2010-01-08 NorfolkIsland   18.7   26.0   0.0    5.0   12.7
## 21493 2010-01-09 NorfolkIsland   19.6   25.4   0.0   11.0   13.2
## 21494 2010-01-10 NorfolkIsland   18.8   25.2   0.0    8.0   10.4
## 21495 2010-01-11 NorfolkIsland   17.2   26.4   0.0    7.2    5.9
## 21496 2010-01-12 NorfolkIsland   18.1   24.4   1.0    6.4   10.9
## 21497 2010-01-13 NorfolkIsland   17.6   24.1   0.0    8.4   11.5
## 21498 2010-01-14 NorfolkIsland   17.8   24.7   0.0    9.0   11.8
## 21499 2010-01-15 NorfolkIsland   19.2   25.5   0.0    8.0   12.5
## 21500 2010-01-16 NorfolkIsland   19.2   24.3   1.2    6.6   12.7
## 21501 2010-01-17 NorfolkIsland   17.9   24.8   0.0    7.8    4.2
## 21502 2010-01-18 NorfolkIsland   19.6   25.2   0.0    5.4   10.7
## 21503 2010-01-19 NorfolkIsland   21.4   26.3   0.0    6.8   10.0
## 21504 2010-01-20 NorfolkIsland   20.4   25.3   8.0    7.2   11.0
## 21505 2010-01-21 NorfolkIsland   20.4   26.8   0.0    8.4   12.8
## 21506 2010-01-22 NorfolkIsland   20.9   25.6   0.0    8.4   11.6
## 21507 2010-01-23 NorfolkIsland   18.1   24.6   0.0    8.6   10.3
## 21508 2010-01-24 NorfolkIsland   17.8   24.6   0.0    8.0   12.2
## 21509 2010-01-25 NorfolkIsland   17.1   24.9   0.0    7.2   12.0
## 21510 2010-01-26 NorfolkIsland   17.8   25.4   0.0    6.8    6.5
## 21511 2010-01-27 NorfolkIsland   18.4   26.0   0.0    4.8   12.0
## 21512 2010-01-28 NorfolkIsland   19.9   26.4   0.0    8.0   11.7
## 21513 2010-01-29 NorfolkIsland   20.4   26.5   0.0    8.0   10.0
## 21514 2010-01-30 NorfolkIsland   19.9   26.1   1.6    4.2    7.6
## 21515 2010-01-31 NorfolkIsland   20.7   25.4   0.4    6.2   11.0
## 21516 2010-02-01 NorfolkIsland   19.4   25.2   0.0    7.6   11.8
## 21517 2010-02-02 NorfolkIsland   19.8   26.4   0.0    9.6   10.0
## 21518 2010-02-03 NorfolkIsland   20.4   26.3   6.4    8.0    7.9
## 21519 2010-02-04 NorfolkIsland   19.7   26.0   7.0    7.2    9.1
## 21520 2010-02-05 NorfolkIsland   21.5   26.3   0.2    8.4    8.7
## 21521 2010-02-06 NorfolkIsland   21.1   25.8   0.0   10.2    9.6
## 21522 2010-02-07 NorfolkIsland   20.0   25.5   6.4    8.4    8.5
## 21523 2010-02-08 NorfolkIsland   20.5   25.8   0.0    6.8   12.6
## 21524 2010-02-09 NorfolkIsland   20.0   25.4   0.0    6.8   12.5
## 21525 2010-02-10 NorfolkIsland   18.3   25.0   0.2    7.4   10.2
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## 21526 2010-02-11 NorfolkIsland    18.6    25.8     0.0      7.4    12.5
## 21527 2010-02-12 NorfolkIsland    19.0    26.0     0.0      6.6    12.1
## 21528 2010-02-13 NorfolkIsland    20.8    25.9     0.0      5.8    12.2
## 21530 2010-02-15 NorfolkIsland    18.7    26.3     0.0      7.2    11.4
## 21531 2010-02-16 NorfolkIsland    18.7    25.4     0.0      6.8    10.5
## 21532 2010-02-17 NorfolkIsland    19.2    26.2     0.0      6.6    10.2
## 21533 2010-02-18 NorfolkIsland    20.6    26.9     0.0      6.8     6.0
## 21534 2010-02-19 NorfolkIsland    20.4    25.5     0.2      5.2     4.6
## 21535 2010-02-20 NorfolkIsland    19.6    25.5     0.0      8.8     6.4
## 21536 2010-02-21 NorfolkIsland    19.9    26.0     1.0      7.6     7.5
## 21538 2010-02-23 NorfolkIsland    20.7    25.4     0.0      6.4     4.2
## 21539 2010-02-24 NorfolkIsland    19.5    24.1     0.0      5.2     0.3
## 21540 2010-02-25 NorfolkIsland    20.1    26.3     2.2      1.4     5.3
## 21541 2010-02-26 NorfolkIsland    20.6    23.9     0.6      3.8     1.2
## 21542 2010-02-27 NorfolkIsland    20.2    26.4     5.0      5.0    11.0
## 21543 2010-02-28 NorfolkIsland    19.7    26.3     0.0      6.4    11.9
## 21544 2010-03-01 NorfolkIsland    18.7    26.4     0.0      7.8     5.6
## 21545 2010-03-02 NorfolkIsland    21.9    26.2     0.0      4.8     0.5
## 21546 2010-03-03 NorfolkIsland    21.1    25.7     0.0      4.0    10.1
## 21547 2010-03-04 NorfolkIsland    19.7    25.0     0.0      6.8     5.9
## 21548 2010-03-05 NorfolkIsland    19.9    24.8     0.0      7.0     9.5
## 21549 2010-03-06 NorfolkIsland    19.9    25.5     0.0      9.2     3.9
## 21550 2010-03-07 NorfolkIsland    19.6    25.3     0.2      6.8     9.2
## 21551 2010-03-08 NorfolkIsland    19.7    24.9     3.6      7.6     8.6
## 21552 2010-03-09 NorfolkIsland    18.7    25.2     0.0      7.6     9.2
## 21553 2010-03-10 NorfolkIsland    18.8    25.0     0.0      8.0    10.8
## 21554 2010-03-11 NorfolkIsland    18.7    25.3     0.0      7.4    10.0
## 21555 2010-03-12 NorfolkIsland    19.5    24.9     0.2      7.8     7.0
## 21556 2010-03-13 NorfolkIsland    18.1    24.1     0.2      9.0     7.3
## 21557 2010-03-14 NorfolkIsland    18.7    24.2     0.2      9.0     2.5
## 21558 2010-03-15 NorfolkIsland    17.4    23.9     1.4      6.0     6.3
## 21559 2010-03-16 NorfolkIsland    17.8    24.1     2.0      5.4     7.5
## 21560 2010-03-17 NorfolkIsland    18.3    24.5     1.4      5.2    11.0
## 21561 2010-03-18 NorfolkIsland    19.1    24.6     0.0      6.8    10.6
## 21562 2010-03-19 NorfolkIsland    17.8    24.6     0.0      9.0    10.3
## 21563 2010-03-20 NorfolkIsland    19.3    25.1     0.0      9.8     8.1
## 21564 2010-03-21 NorfolkIsland    18.5    24.6     0.0      8.4     8.4
## 21565 2010-03-22 NorfolkIsland    18.9    25.9     0.0      6.4     8.9
## 21566 2010-03-23 NorfolkIsland    18.8    25.2     0.0      6.6     7.2
## 21567 2010-03-24 NorfolkIsland    18.4    24.9     0.0      4.2     5.7
## 21568 2010-03-25 NorfolkIsland    19.2    25.2     4.6      2.6    11.3
## 21569 2010-03-26 NorfolkIsland    19.3    25.0     0.4      6.8     8.1
## 21570 2010-03-27 NorfolkIsland    19.1    24.7     0.2      6.2     3.3
## 21571 2010-03-28 NorfolkIsland    19.6    24.5     0.4      5.0     8.0
## 21572 2010-03-29 NorfolkIsland    18.6    24.7     8.6      6.6     7.6
## 21573 2010-03-30 NorfolkIsland    20.0    25.3     0.2      4.6    10.1
## 21574 2010-03-31 NorfolkIsland    20.6    25.5     0.0      6.8    10.6
## 21575 2010-04-01 NorfolkIsland    19.3    24.9     1.6      6.6     9.7
## 21576 2010-04-02 NorfolkIsland    18.7    24.8     1.8      8.0     8.9
## 21577 2010-04-03 NorfolkIsland    19.1    24.6     0.4      5.6    10.7
## 21578 2010-04-04 NorfolkIsland    18.5    24.0     0.0      3.8    10.8
## 21579 2010-04-05 NorfolkIsland    20.1    23.5     0.0      4.6     7.2
## 21580 2010-04-06 NorfolkIsland    18.3    23.3    11.0      5.2    10.0
## 21581 2010-04-07 NorfolkIsland    17.3    23.6     0.4      6.0     8.5
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## 21582 2010-04-08 NorfolkIsland    18.1   22.5    0.2    5.0    6.4
## 21583 2010-04-09 NorfolkIsland    17.8   23.2    0.2    5.0    4.7
## 21584 2010-04-10 NorfolkIsland    17.5   23.2   34.4    6.0    8.0
## 21585 2010-04-11 NorfolkIsland    18.6   24.5    0.2    3.4    8.3
## 21586 2010-04-12 NorfolkIsland    19.9   24.2    0.2    6.2    6.2
## 21587 2010-04-13 NorfolkIsland    20.7   24.5    0.0    4.2    3.0
## 21588 2010-04-14 NorfolkIsland    20.3   23.3    1.4    2.0    1.2
## 21589 2010-04-15 NorfolkIsland    18.4   23.4    0.4    3.0    7.5
## 21590 2010-04-16 NorfolkIsland    18.3   22.9    2.4    4.2   10.2
## 21591 2010-04-17 NorfolkIsland    18.8   22.8    0.4    7.2    7.1
## 21592 2010-04-18 NorfolkIsland    17.9   22.3    0.4    4.2    8.6
## 21593 2010-04-19 NorfolkIsland    18.9   22.6    0.0    5.8    8.7
## 21594 2010-04-20 NorfolkIsland    16.6   22.1    0.0    4.6    9.5
## 21595 2010-04-21 NorfolkIsland    16.8   22.2    3.0    4.6    5.3
## 21596 2010-04-22 NorfolkIsland    16.3   22.2    0.4    3.4    8.1
## 21597 2010-04-23 NorfolkIsland    17.2   21.7    0.4    4.2    5.6
## 21598 2010-04-24 NorfolkIsland    15.8   22.8    0.6    3.2    8.2
## 21599 2010-04-25 NorfolkIsland    16.5   23.2    0.2    3.6    9.0
## 21600 2010-04-26 NorfolkIsland    19.7   22.1    1.4    3.2    0.2
## 21601 2010-04-27 NorfolkIsland    18.9   23.3   32.0    2.2   10.8
## 21602 2010-04-28 NorfolkIsland    19.0   22.8    0.0    3.8    2.0
## 21603 2010-04-29 NorfolkIsland    18.7   23.4    0.8    4.6    7.0
## 21604 2010-04-30 NorfolkIsland    17.9   23.5    0.0    0.6    6.8
## 21605 2010-05-01 NorfolkIsland    17.0   22.9    0.0    2.4    8.2
## 21606 2010-05-02 NorfolkIsland    17.0   22.2    0.2    4.0    6.4
## 21607 2010-05-03 NorfolkIsland    15.5   21.6    0.4    4.6    5.2
## 21608 2010-05-04 NorfolkIsland    16.2   22.0    0.2    4.8    4.2
## 21609 2010-05-05 NorfolkIsland    18.0   22.9    0.2    4.8    8.0
## 21610 2010-05-06 NorfolkIsland    19.2   21.4    0.0    5.0    0.1
## 21611 2010-05-07 NorfolkIsland    19.1   21.4    3.4    4.0    0.7
## 21612 2010-05-08 NorfolkIsland    19.2   21.9   21.0    4.4    8.3
## 21613 2010-05-09 NorfolkIsland    18.0   21.8    1.2    5.2    6.6
## 21614 2010-05-10 NorfolkIsland    17.7   20.7    3.0    4.6    3.1
## 21615 2010-05-11 NorfolkIsland    18.6   22.4    4.4    2.8    6.5
## 21616 2010-05-12 NorfolkIsland    18.3   22.1    0.6    3.6    8.3
## 21617 2010-05-13 NorfolkIsland    17.9   22.3    0.2    3.8    9.3
## 21618 2010-05-14 NorfolkIsland    16.5   21.7    6.4    5.2    7.3
## 21619 2010-05-15 NorfolkIsland    15.9   21.2   15.4    4.8    7.9
## 21620 2010-05-16 NorfolkIsland    16.2   21.6    6.0    3.8    9.0
## 21621 2010-05-17 NorfolkIsland    14.2   21.0    2.0    3.4   10.0
## 21622 2010-05-18 NorfolkIsland    15.2   21.3    0.0    3.2   10.1
## 21623 2010-05-19 NorfolkIsland    16.7   21.3    9.6    4.6    2.4
## 21624 2010-05-20 NorfolkIsland    17.0   20.6    0.6    2.0    9.1
## 21625 2010-05-21 NorfolkIsland    17.0   21.3    0.0    4.6    7.8
## 21626 2010-05-22 NorfolkIsland    16.4   20.9    0.0    1.6    3.6
## 21628 2010-05-24 NorfolkIsland    16.0   20.4   22.8    2.2    8.6
## 21629 2010-05-25 NorfolkIsland    15.3   19.4    0.2    4.8    8.2
## 21630 2010-05-26 NorfolkIsland    15.2   20.4    2.0    2.4    0.0
## 21631 2010-05-27 NorfolkIsland    16.2   22.5    2.8    1.4    4.7
## 21632 2010-05-28 NorfolkIsland    17.9   20.7    0.2    2.8    8.4
## 21633 2010-05-29 NorfolkIsland    14.9   18.8    0.2    4.2    3.6
## 21634 2010-05-30 NorfolkIsland    14.0   20.3    0.0    4.0    4.0
## 21635 2010-05-31 NorfolkIsland    17.5   22.0    4.8    0.2    6.7
## 21636 2010-06-01 NorfolkIsland    19.9   21.4    0.0    2.8    3.3
```

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## 21637 2010-06-02 NorfolkIsland     15.2   21.8    0.0        0.6      8.9
## 21639 2010-06-04 NorfolkIsland     17.2   20.3    0.0        2.4      0.0
## 21640 2010-06-05 NorfolkIsland     18.0   22.4   15.8        3.0      4.7
## 21641 2010-06-06 NorfolkIsland     19.1   21.3   10.0        1.8      3.8
## 21642 2010-06-07 NorfolkIsland     15.8   20.2    0.2        3.4      6.5
## 21643 2010-06-08 NorfolkIsland     14.1   18.2    1.2        5.4      8.6
## 21644 2010-06-09 NorfolkIsland     13.1   18.2    1.2        3.2      9.0
## 21645 2010-06-10 NorfolkIsland     12.8   20.2    0.0        2.4      4.2
## 21646 2010-06-11 NorfolkIsland     16.6   19.0    4.4        3.0      7.3
## 21647 2010-06-12 NorfolkIsland     13.3   18.8    0.0        5.0      0.3
## 21648 2010-06-13 NorfolkIsland     14.0   18.8   22.6        3.4      9.1
## 21649 2010-06-14 NorfolkIsland     14.6   17.9    0.2        4.2      8.4
## 21650 2010-06-15 NorfolkIsland     12.7   18.4    2.6        3.0      9.0
## 21651 2010-06-16 NorfolkIsland     13.9   18.9    0.2        4.2      7.0
## 21652 2010-06-17 NorfolkIsland     15.4   17.9    0.0        4.8      0.0
## 21653 2010-06-18 NorfolkIsland     15.8   19.4    5.0        0.8      0.6
## 21654 2010-06-19 NorfolkIsland     16.8   19.4    2.0        0.0      1.2
## 21656 2010-06-21 NorfolkIsland     15.7   18.6    0.0        2.6      0.0
## 21657 2010-06-22 NorfolkIsland     15.0   16.2   19.2        0.2      0.0
##       WindGustDir WindGustSpeed WindDir9am WindDir3pm WindSpeed9am WindSpeed3pm
## 6050          SSW            48        ENE         SW            6           20
## 6051            S            37        SSE        SSE           19           19
## 6053          NNE            46        NNE        NNW           30           15
## 6054          WNW            31        WNW        WSW            6            6
## 6055          WNW            35         NW        WNW           17           13
## 6056            N            43          N        WNW            7           20
## 6057          SSW            41          S        SSE           17           19
## 6058           SE            37         SE          S           15            6
## 6059          ENE            48        ENE        WSW           30            9
## 6060           NE            41        NNE        WSW           15           17
## 6061            E            30         SE        ENE           11            7
## 6062          ENE            39         NE          N           24            9
## 6063          SSW            43          N        NNW           17           11
## 6064           SW            44          W         SW           13           22
## 6065           SW            44          S          S           17           19
## 6066            S            33          S         SW           17           15
## 6067           SE            61         NE         SE           22           17
## 6068          NNE            43        ENE        NNE           26            9
## 6069            W            59          N         NW           19           17
## 6070            N            46         NW          N            9           28
## 6071          WNW            56          N          N           24           19
## 6072          WSW            94        NNE         NW           13            7
## 6073          NNW            50        SSW         SW           11           15
## 6074          SSW            28         SE        ENE           13            6
## 6075            S            31        ENE          E           17            7
## 6076          ENE            46        ENE        ESE           24            7
## 6077            E            39        NNE        ENE           15           19
## 6078          ENE            52        NNE        NNE           19           20
## 6079          ESE            44        NNE        ESE           20           20
## 6080          ENE            44        NNE         NE           24           20
## 6081           SE            30          W        SSE            9            9
## 6082            S            57        NNE        NNE           17            9
## 6083          WSW            54          E        SSW            9           11
## 6084          ENE            39         NE        WSW           17            7
```

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## 6085    NNW    37      N      N    15     7
## 6086    WNW    28    NNW    NNW     9    13
## 6087    NNE    41    NNE    ENE    20    19
## 6088    NNE    39      N    NNE    15    13
## 6089     SW    43    SSW    SSW    19    13
## 6090    SSW    46      S    SSW    19    24
## 6091     SW    44    SSW      S    22    24
## 6092      S    37      S     SE     9    13
## 6093      E    63      E      E    35    35
## 6094    ESE    54    ESE    ESE    28    19
## 6095     SE    43     SE    ESE    13    24
## 6096    ESE    48     SE     SE    19    20
## 6097    ESE    44    ESE    ESE    15    19
## 6098      E    30      E    ESE    19    15
## 6099    SSE    26      E      S     6    13
## 6100     SW    31    WSW    SSE     9     4
## 6101      S    31      S    SSW    13    11
## 6102    WNW    39      E    NNW    15     9
## 6103      S    43    NNE    NNW    22    24
## 6104      E    46    NNE     NW    15    22
## 6105    WSW    31    SSW     SW    11     9
## 6106    ESE    24    ESE    WSW    13     7
## 6107     NE    39    ENE      N    26     7
## 6108    WSW    41      N    WNW    17    19
## 6109    SSW    30     SW      S     2    11
## 6110     SE    30      E     NW     7     6
## 6111      W    65     NE    NNE    19    28
## 6112    SSW    54    SSW     SW    22    24
## 6113    SSW    46    SSW    SSW    20    17
## 6114    WSW    41    SSW    WSW    11     9
## 6115     SW    26    ESE     NE    11     7
## 6116      E    46     SE    ESE    15    11
## 6117      E    41    ENE    ENE    24     9
## 6118     SW    61    ENE      E    30    11
## 6119    ESE    46    ENE    ENE    26    19
## 6120    NNE    48    ENE      N    28    20
## 6121     NE    39    ENE     NE    13     6
## 6123      S    39    SSE     SW    17    13
## 6124    SSW    41     SW     SW     9    15
## 6125    SSW    30    SSW      S    11     9
## 6126    ESE    28    ESE      E    11     9
## 6127     SW    24      E    SSW     4     9
## 6128      E    39    ESE    WSW     7     6
## 6129    ENE    28    ENE     SE    13     7
## 6130    NNW    28     NE    WNW    13    13
## 6131      N    35      N    WNW     9    15
## 6132    NNW    43      N     NW    15    20
## 6133    NNW    44    NNE      N    19    20
## 6134    NNW    37    NNE     NW    13     9
## 6135     SE    33    SSE      S    13    11
## 6136    ENE    37    ENE    SSE    20     6
## 6137    WSW    26    ENE    ESE    13     7
## 6138     SE    33      E    SSE    17     9
## 6140     SE    44     SE     SE    15    19
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## 6141      ESE      37        E     ESE      19      20
## 6142        N      31      ENE     WNW      19       9
## 6143        S      43        S       S      17      11
## 6144      SSW      31      SSE      SW      11      15
## 6145      SSW      43      SSE       S      17      15
## 6146      SSW      31        S     SSE      13      13
## 6147      ENE      35      ENE     ENE      24      11
## 6148      WNW      43      ENE     ENE      15      15
## 6149        E      30       NE     NNE       7       9
## 6150      ENE      31      NNW       E       4      15
## 6151      NNE      20      ENE     ENE       4       7
## 6152      ENE      24      ESE       E       6       9
## 6154      WNW      39       NW     WSW      15      22
## 6155       NW      33      ENE     WNW      13      15
## 6156      SSW      28      SSE     SSW      11      13
## 6157        S      35        S       S       7      15
## 6158      ESE      26      SSE     SSE       7       9
## 6159       SE      31        E       S      13      15
## 6160      ESE      35        E     ESE      19      13
## 6161        E      31      ESE      SE      15      15
## 6162       NE      33      ENE       E      20       9
## 6163      WNW      57       NW     NNW       6      24
## 6164       NW      46      WSW     WNW      13      24
## 6165      WNW      63      WSW       W      22      19
## 6166      WSW      52      WSW     WNW       9      17
## 6167      WSW      35       SW      SW      17      19
## 6168       SW      33      SSE      SW       4      11
## 6170      ESE      17      ESE     SSE       7       2
## 6171        S      28       SE     SSE       7      15
## 6172      ESE      30       SE     ESE       9      17
## 6173      ESE      22       SE     SSW      11       9
## 6174        S      22      ESE     SSE       7      13
## 6175       SW      20       NE       S       9       9
## 6176       SE      26        S      SE       9       9
## 6177      SSW      24        S     SSW       9      13
## 6178      SSW      24        S       S       4      11
## 6179       SW      22       SE     ESE       6       9
## 6180      ENE      30      ENE     ENE      17       9
## 6181        S      24       NE      SW      13       9
## 6182      WSW      33        E     WSW       2      20
## 6183      WSW      31       SW     WSW       6      15
## 6184      WSW      37        W       W       9      19
## 6185       SW      39      WSW     WSW      17      17
## 6186        S      31        S       S       7      17
## 6188       NE      41      ENE       E      20      17
## 6189      ESE      52        E     ESE      20      26
## 6190      ESE      52      ESE     ESE      22      28
## 6191      ESE      46       SE     ESE      11      20
## 6192        E      44        E     ENE      24      19
## 6193      ENE      44      ENE     ENE      24      19
## 6194       NE      44       NE     NNE      24      17
## 6195       NE      26      NNE       N      13       2
## 6196        S      20      SSW       S       7       7
## 6197      SSW      24        S     SSW       6      13
```

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## 6198           SW        28       SSW       WSW         6         11
## 6199          ESE        37       ESE       ESE        17         15
## 6200            E        43         E       ENE        19         13
## 6201          ENE        43       ENE       ENE        24         20
## 6202          ENE        30       ENE       ENE        15         13
## 6204           SW        26       SSE       WNW         6          6
## 6205           SW        15       SSW        SW         7         11
## 6206           NE        28       NNE       WSW        17          9
## 6207            W        28       WNW       WNW        13         17
## 6208          WSW        31       WSW       WSW        17         22
## 6209            W        46         W         W        13         24
## 6211          SSW        31        SW        SW         4         11
## 6212           NE        26         E       NNW        11          7
## 6213          NNE        35       NNE       NNW        17         15
## 6214            W        46       NNE         W        13         22
## 6215           NW        24         N        NW         9         13
## 6216            S        20       SSE       SSE         9          9
## 6217          ENE        26         E       ESE        15          9
## 6218            E        28       ESE       SSE        17          7
## 6219          ESE        22       ESE       ESE        13          9
## 6220           NE        33       ENE       NNE        19         15
## 6221           NE        31        NE        NE        17         15
## 6222          ENE        22       ENE         W         7          7
## 6223            N        33        NE         N        19         17
## 6224            W        33        NW         W         7         15
## 6225          NNW        19       NNE        NW         6          4
## 6226          NNE        28        NE       NNE         6         17
## 6227          WNW        20       NNW       SSW        11          6
## 6228          WSW        26       WNW       WSW         9         11
## 6230            N        54       NNE         N        13         28
## 6231            W        39       WNW         W        13         19
## 6232            W        41       WNW         W         7         20
## 6233          WSW        48       WSW        SW        20         24
## 6234           SW        33        SW       WSW        17         15
## 6235          SSW        24       SSW       SSW        13          7
## 6236            S        22         S         S         6          7
## 6237          ESE        20         S         S         6         11
## 6238           NE        31         E       ENE        13         11
## 6239          ENE        30         E         E        19         11
## 6240            E        30         E       ENE        20         11
## 6241          ENE        33        NE         N        15         17
## 6242          NNE        28       NNW       WNW         9          7
## 6243          WNW        28       NNW         W         6         15
## 6245           SW        22       NNW        SW         6         11
## 6247           SW        15       WSW        SW         4          4
## 6248          WSW        24       NNE        NW         6          7
## 6249           NW        24         N        NW        11          7
## 6251          NNW        31         N         N        15         17
## 6252           NW        43         N        NW        13         11
## 6253          WSW        33       WSW        SW        11         20
## 6254          ESE        20         E       ENE         7          4
## 6255          NNW        33        NE       NNE        13         13
## 6256            N        24       NNE         S         7         11
## 6257          SSW        30       WSW        SW         7         13
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## 6258     WNW     26     WNW      W        6      15
## 6259     SSW     24      W       SW       4      11
## 6260      S      20      SW      SW       6       9
## 6261     WSW     26      W       SW       7      15
## 6262     SE      20      S       SSW      6       9
## 6263     SW      17      E       WSW      7       2
## 6266     SW      20     NNW      WSW      4      11
## 6267     NNW     26     NNE      NE      13       9
## 6268     SW      44     NNW      SW      15      28
## 6269     ESE     24     SSE      ESE      9       7
## 6270     NNE     19      NE      NNE      9       6
## 6271     NNE     43      E       N        7      13
## 6272      NW     44      W       NW      15      20
## 6273      SW     37     NNW      WNW      6      13
## 6274      SW     28     ENE      WSW      2      13
## 6275     SSE     17     ENE       W       6       6
## 6276      NE     35      N       NNE     17      15
## 6277      NW     57     NNE      NNW     26      22
## 6278      SW     37     SSW      SW      15      22
## 6279     ESE     26     ENE      ESE      7      11
## 6280     NNW     24     ENE      NNW      6       9
## 6281     WSW     22     ENE      NW       2      11
## 6282     WNW     61      N       WNW     20      28
## 6283      N      30     NNE      NNW     13      15
## 6284     WNW     37      NE      NW      13      17
## 6285     WNW     57     NNE      NW       6      19
## 6286     WSW     65      SW      WNW     20      13
## 6287      W      22     SSE       W       9      13
## 6288      NW     31     NNE      NW      13      17
## 6289     ENE     24     NNE       N      11      13
## 6290     WSW     48      N        W      19      26
## 6291     WSW     54      SW      WSW     24      11
## 6292     WNW     35     WSW      WSW      6       9
## 6293      NE     22     SSE       W       4       6
## 6294      E      39     ENE      ESE     13       9
## 6297      SW     30     SSW      SSW      7      13
## 6298      NE     39      NE       N      13      17
## 6299     WSW     54     WSW      WSW     22      28
## 6300      SW     41     WSW      SW      17      20
## 6301      SW     35      SW       W       6      15
## 6303     NNW     37     NNE      NW      15      13
## 6304     NNW     44      N       NNW     22      20
## 6305      NW     46      N       NW      19      20
## 6306     SSE     33     SSE       S      15      11
## 6307      SW     24     SSE      WSW     13       9
## 6308      E      26      E       NW      15       9
## 6309      NW     50     NNE       W      24      11
## 6310      SW     24      SE       W      11       7
## 6311      W      31      N       WSW      6      11
## 6312      W      59     NNE      WNW      9      17
## 6313     NNW     44      NE      NNE     11      24
## 6314     WNW     83     NNE      NW      26      11
## 6315     WNW     74      W       WSW     26      30
## 6316      W      33      S       WSW      9      17
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## 6317      NNW    65      N      NNW    17    37
## 6318      WSW    63    WSW      W      30    31
## 6319       SW    50     SW     WSW     28    31
## 6320      WSW    39      S      WSW     13    13
## 6321        W    28     SE      SW      6     9
## 6322        N    35    NNE      NNW     17    20
## 6323      NNW    43    NNE       NW     17    22
## 6324      WNW    72    NNW      WNW     15    43
## 6325       SW    44     SW       SW     17    13
## 6326       SW    30      S       SW      9    11
## 6327       SW    33    SSW       SW     13    15
## 6328       SW    41      S       SW      7    20
## 6329       SW    44    SSW       SW     19    20
## 6330        S    31      S      SSE     11     9
## 6331       SE    30      E      ESE     17     9
## 6332        E    41    ENE       NW     24     7
## 6333       NW    48     NE      NNW     17     9
## 6334        W    76    NNE      WSW     24    35
## 6335      WSW    69    WNW       NW     15    35
## 6336      WSW    54      W        W     24    22
## 6337      WSW    50     SW      WSW     19    26
## 6338       SW    44    SSW       SW     19    22
## 6339      SSE    31      S        S      7    15
## 6340       SW    35    SSE       SW      7     7
## 6341       NW    30    ESE      SSW     13     9
## 6342       NW    39    NNE       SW     13    13
## 6343       NW    33     NE      NNW     11    17
## 6344      WSW    48    SSE       SW      6    11
## 6345      SSW    43    ESE      SSW     13     6
## 6348       SE    57      S      ESE     11    28
## 6349       SE    46      E        E     24    24
## 6350      ENE    35    ENE      NNE     20     7
## 6351        N    44    ENE      NNE     17    19
## 6352       SE    33     NE      NNW     15     7
## 6353        E    31    NNE        W     13     4
## 6354       NE    26    NNE        S     13     6
## 6355      NNW    28     NW      NNW     15    15
## 6356       SW    56     NW      WNW     20    24
## 6357       SW    30      S      SSW     11    17
## 6358      SSE    30     SE      WSW     15    11
## 6359        E    44      E       SW     17     9
## 6360      ENE    41      E        E     20    17
## 6361      ENE    43    ENE       NE     24    15
## 6362      ENE    35     NE      ESE     20    13
## 6363      SSE    43      N      SSW     15    11
## 6364       NW    30     NW      WSW     20     6
## 6365      WSW    72     SW       SW      9    11
## 6366        S    37    SSE      SSW     11    17
## 6367        E    37     NE        E     15     9
## 6368      SSW    33    NNW      SSE     13     9
## 6369       SW    46     NE      WNW     15     6
## 6370       SW    43    SSE       SW     11    20
## 6371      WNW    31     NE      WNW     17    11
## 6372      WSW    44    NNW        W      9    20
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## 6373       N      56      N        N      15      15
## 6374       S      39    SSE      NNE      13       9
## 6375     WNW      57    WNW      WNW      22      17
## 6376     SSE      43     SE      SSE       9      13
## 6377     ESE      35     SE      ENE      19      11
## 6378       E      54     NE       NE      26      19
## 6379      SW      44    SSW        W       7      17
## 6380     NNW      41     NW        W       6      20
## 6381     WNW      52    SSW      WNW      17      19
## 6382       W      57    WSW        W      30      24
## 6383      SW      37    SSW      WSW      11      19
## 6384       S      37    ESE      SSE      20      15
## 6385       E      37    ENE       SE      20       9
## 6386     ENE      33     NE        E      20       9
## 6387       W      41     SE        W       7      19
## 6388     WSW      35     SE        S      13      13
## 6389     WSW      39    SSE       NW       9       9
## 6390     WNW      37    ESE       NW       7      13
## 6391      SW      74     NE        W      17      28
## 6392     SSW      24    ESE       SW       9       9
## 6393     WSW      54    NNE        W      15      28
## 6395     SSW      33    SSE      SSW      13      13
## 6396     SSW      37    SSE      SSW      13      19
## 6397     WSW      39    ESE      SSW      15      11
## 6398      SW      54      E        W      11       6
## 6399      NW      44    ENE        N      20      15
## 6400     NNW      67     NW       NW      31      22
## 6401       S      41     SW      SSW      11      13
## 6402     WSW      31    SSE      WSW      11       9
## 6403     WSW      35      E        S      13       9
## 6404      NW      31    ENE      NNW      11      13
## 6405      NE      41     NE       NW      22       9
## 6406     NNE      39      N       NE      17      17
## 6407     SSW      57    NNE        N      31      22
## 6408       S      33      E       SE       7       7
## 6409       E      31      S      SSE      13      15
## 6410     SSW      33      E      SSW      11       9
## 6411      SE      39     SE      SSW      13      17
## 6412     ESE      41    ESE       SE      13      24
## 6413     ENE      43      E      ENE      19      20
## 6414      NE      46    ENE       NE      22      26
## 6415      NE      30    NNE      NNE      13      19
## 6416     SSW      44    WNW        S       7      19
## 6417     SSW      37    SSE      SSW      19      13
## 6418     ENE      26    ENE      ENE      11       6
## 6419      SW      85    NNE       SW      24      31
## 6420     SSW      28    SSW      SSE       6       7
## 6421      SW      30      S       SW       7       7
## 6422      NE      37     NE      ENE      22      15
## 6423       N      33    NNE      NNE      17       7
## 6424       E      30    WNW      NNE      13      11
## 6425     NNE      37      W        N       4      13
## 6426      NW      56    NNW        W      20       7
## 6427     SSW      46      S       SW      13      24
```

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```
## 6428      SW    35      S     SW    11    19
## 6429      NE    50     ENE    WSW   17     4
## 6430       E    57      N     WNW   13    20
## 6431      SW    43     SSW    SSW   20    17
## 6432     SSW    46     SSW     SW   22    24
## 6433     SSW    50      S     SSW    9    20
## 6434      SW    28      S     WSW    6     9
## 6435       W    30     NNE     NW    7    11
## 6436     NNW    44     NNW      N    13    22
## 6437     WSW    39     WNW    WSW   13    19
## 6438      SW    33      SE    SSE   15     7
## 6439       S    33     SSE     NW    13    17
## 6440     SSW    33     ESE      W    11     9
## 6441     SSW    44     NNE     SW    11    15
## 6442      NE    39     ESE     SE    11     9
## 6443     ESE    33      SE      S     9     7
## 6444       E    46      E      ENE   24    24
## 6445       E    43     ENE    ENE   24     9
## 6446       E    39      E      ESE   15    17
## 6447       E    54     ESE      E    26    31
## 6448       E    56      E      NNW   24    24
## 6449       N    57      NE     ENE    6    19
## 6450     SSW    39     ENE    SSW    9    20
## 6451     SSW    37     SSW    SSW   11    17
## 6453       E    35     ENE    SSW   13     6
## 6454     ENE    31      NE     NNE   20     7
## 6456       N    24      N      NNW    9     9
## 6458      NE    24     WNW    SSW    9     9
## 6459       N    44     NNW    SSW   19    13
## 6460     SSW    35      SW     SW    15    19
## 6461     SSW    30     SSE    SSW    6     9
## 6462     SSE    30      E      SE    13    11
## 6463     ESE    39      E      ESE   17    15
## 6464       E    41     ENE    ENE   19     9
## 6465      NE    30      NE      N    19     7
## 6466       N    31     NNW    WNW    9     6
## 6467       N    37      W      NW    7    19
## 6468      SW    35      S      S     19    13
## 6470     ENE    37      E      ENE   20    13
## 6471     ENE    48     ENE      E    20    13
## 6472     NNE    30      NE      SE   17     6
## 6473       S    28     ENE    SSE    7     4
## 6474       E    48     SSE    ESE   15     9
## 6475     ESE    50     ESE    ESE   26    20
## 6476       E    39     ESE      E    22    20
## 6477      NE    43     ENE    ENE   20    24
## 6478       N    33      NE      N    19    17
## 6479     NNE    22     NNE    ENE    2     9
## 6480      NE    41      NE      NE   19    22
## 6481      NW    44      NW     WNW   15    22
## 6482      SW    35      SW     SSW   13    13
## 6483       S    33      S      SSW   11    17
## 6484       E    41      SE      E    13    17
## 6485       E    46      E       E    20    11
```

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```
## 6486        ENE        43        ENE        ENE        20         9
## 6487        ENE        35        ENE        NE         20         7
## 6488        E          26        ENE        SSE        17         6
## 6489        SE         28        E          E          7          6
## 6490        E          30        ENE        ESE        17         13
## 6491        ENE        26        E          NE         9          13
## 6492        NNE        30        N          S          11         6
## 6493        ENE        24        W          NNE        6          7
## 6494        SSW        33        NNW        SSE        7          13
## 6495        S          28        SE         S          13         13
## 6496        S          30        S          SSW        9          13
## 6497        S          31        SE         SE         7          7
## 6498        SSW        22        E          SW         13         7
## 6499        NW         33        N          W          7          7
## 6500        NW         22        NE         WNW        7          7
## 6502        SW         50        NW         N          9          7
## 6503        S          28        ENE        SW         6          6
## 6504        NE         22        SE         SE         4          6
## 6505        SW         24        NE         WSW        2          11
## 6506        SW         26        WNW        WSW        2          15
## 6507        W          33        ENE        ESE        15         7
## 6508        ENE        37        ENE        ESE        20         17
## 6509        NE         35        ENE        ENE        19         20
## 6510        NE         44        NE         NNE        15         17
## 6511        NW         44        N          NW         17         15
## 6512        WSW        30        SSW        SW         11         13
## 6513        E          20        ENE        NW         9          6
## 6514        WNW        30        NW         WNW        9          15
## 6515        WSW        33        SW         SW         6          20
## 6518        WSW        20        SSW        SSE        6          9
## 6519        ESE        22        SE         SW         7          6
## 6520        NE         30        ENE        NNE        13         6
## 6521        ENE        31        ENE        N          19         2
## 6522        NE         31        NE         NE         22         15
## 6523        NNE        31        NE         NE         19         13
## 6524        NNE        24        ENE        ENE        13         7
## 6525        NE         26        NE         NE         17         9
## 6526        W          59        NE         NNW        11         9
## 6527        N          31        NNE        NNW        13         13
## 6528        SW         46        NNW        WNW        20         20
## 6529        SSW        39        SW         SW         11         17
## 6530        SE         30        ESE        SE         9          7
## 6531        N          17        ENE        WNW        6          7
## 6533        SW         26        SE         SSW        4          13
## 6534        SSE        24        SE         SSE        7          7
## 6535        SW         19        E          SW         7          4
## 6536        E          17        ENE        W          9          4
## 6537        N          33        ENE        N          13         11
## 6538        NNW        41        N          NNW        19         15
## 6539        SW         44        SSW        SSW        20         19
## 6541        SW         44        S          S          7          13
## 6542        SW         44        S          S          6          13
## 6543        SW         44        SE         SSE        6          6
## 6544        WNW        30        NE         NNW        15         20
```

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```
## 6545         SW    37    WSW     SW      9    17
## 6547          S    26      S      S      9    11
## 6548         SW    26      S    SSW      6    11
## 6551        SSW    24     SE      N      6    13
## 6552        SSE    30      S    SSE      6     7
## 6553         SE    20    ESE    SSE      6     6
## 6554          E    17      E     SW      9     2
## 6555         SW    30     SE    SSW      6    13
## 6556        SSE    24    SSE    SSE      7    11
## 6557        NNE    33    ENE    ENE     17    13
## 6558        NNE    37     NE    ESE     13    11
## 6559        WSW    50      N    NNE      7    11
## 6560         SW    30    WSW     SW     17    11
## 6561          E    22      S      E      6     9
## 6562        NNE    31     NE     NE     11    17
## 6563        NNE    48     NW      W     15    20
## 6565        WSW    24      S    SSE      9     7
## 6566         NE    19    ESE    NNE      9     6
## 6567         SE    20     SE     SE      7     7
## 6568        SSE    26      S     SE      6    13
## 6569        SSW    28      S    SSW      9    17
## 6570        SSW    33      S    SSW      9    17
## 6571         SW    33    SSW    SSW     15    15
## 6572         NE    13      S    SSW      4     6
## 6573          W    24    SSE      W      6     9
## 6574        WSW    48     NW    WSW     17    20
## 6575        SSW    31     SW    SSW     19    13
## 6577          S    31    SSW     SW      9    17
## 6578          S    20      S     SE      7     9
## 6579        ENE    22      E    ENE     13    11
## 6580         NE    28     NE    NNE     13    11
## 6581        NNE    35     NE    NNE     15    17
## 6582        WNW    41     NW    WNW      7    20
## 6584        WSW    24    WSW      W      7     9
## 6585        SSW    28     SW     SW      6     9
## 6586         SE    22      S    SSE      6     7
## 6587          E    31    ESE    ENE     15     9
## 6588        ENE    37    ENE    ENE     24    13
## 6589        NNE    33     NE     NE     17    15
## 6590        NNW    39    NNE     NW     20    19
## 6591        SSW    33    SSW      S     11    13
## 6593         SW    19     SW     SW      4     9
## 6594          N    24     NE    NNE      7    11
## 6595          W    28    NNW    WNW      7     7
## 6596        WNW    26    NNW    WNW      9     9
## 6597        WSW    35     NW     NW     13    11
## 6598        SSE    26    SSE      S      9     9
## 6599        ESE    24    ESE    ESE      6     6
## 6600         NE    26    ENE     NE     13     7
## 6601         SW    35     SW     SW     19    17
## 6602        SSE    22      S      S      9     9
## 6603          E    30    ESE     SE     11    13
## 6604          E    31    ESE      E     15    17
## 6605        NNE    52    NNE      N     28    17
```

```
## 6606      W    22    WSW     W      6     4
## 6607      E    24    ESE     WNW   15     4
## 6608    NNW    41    NNE     N     17    15
## 6609    WSW    56     W      W     19    20
## 6610     SW    43     SW     SSW   20    11
## 6611    SSE    20    SSE     S      6     9
## 6612    ENE    19    ESE     ESE    9     4
## 6613      N    20    NNE     NW     9     7
## 6614     SW    31     N      SW     6    19
## 6615     SW    30     SW     SSW    6    15
## 6616    SSW    26     S      SSW    6    11
## 6617      S    24     S      SSE    9    13
## 6618    ENE    26    ESE     SE    13     9
## 6619      S    22    ESE     S      9     9
## 9059    NNE    54     N      NNE    7    37
## 9060    SSW    56    SSW     S     35    15
## 9061     SE    35     SE     E     20    19
## 9062      E    24    SSE     ESE    7    17
## 9063     NE    41     NW     NE     7    30
## 9064    NNE    54     NW     NE    24    39
## 9065    NNE    56    NNW     NNE   20    37
## 9066    SSW    44     NW     NNE    9    20
## 9067      S    56    SSW     SSE   26    28
## 9068     SW    30     SW     SE    20    15
## 9069      E    26     SW     ESE   13    15
## 9070      E    31     E      E     11    19
## 9071      E    28    SSW     E     15    20
## 9072      N    43    NNW     NNE   13    30
## 9073    NNE    61    NNW     NNE   31    46
## 9074    SSW    39    SSE     E      6    15
## 9075      S    50    SSW     S     19    30
## 9076     SW    28     SW     SE    17     9
## 9077    NNE    44    NNW     NE     7    31
## 9078    NNE    59    NNW     NNE   17    39
## 9079    NNE    48    NNW     NNE   17    31
## 9080    NNW    48    NNW     NNW   24    20
## 9081    NNE    50    NNW     NNE   17    31
## 9082    NNE    56     N      NNE   24    35
## 9083      S    41     S      S     19    17
## 9084    SSE    31    SSW     SE    20    15
## 9085      S    30     SW     SSE   13    15
## 9086    SSW    30    SSW     E     19    15
## 9087     NE    31    ESE     NE     6    19
## 9088    ENE    35    WSW     NE    11    19
## 9089    ENE    33    NNW     ENE    7    24
## 9090    ENE    30    NNE     E      7    19
## 9091     SE    26     SW     E     11    15
## 9092    NNE    30     NW     NNE    7    20
## 9093    ENE    31     N      ENE    4    20
## 9094     NE    33     SE     ENE    9    20
## 9095     NE    39    NNW     NE    15    24
## 9096    ENE    31    NNW     NE     9    20
## 9097    ENE    31    WSW     ENE    7    20
## 9098     SE    22     SW     ESE   13    15
```

```
## 9099      NNE    56      N      NNE     19      39
## 9100      S      48      SW     S       24      31
## 9102      ENE    65      WSW    WSW     20      20
## 9103      E      59      NNW    E        9      24
## 9104      SW     57      SW     SW      28      31
## 9108      ESE    43      SSW    ENE     13      13
## 9109      SSW    24      SE     S        9       7
## 9110      SW     41      S      ESE      9      15
## 9111      SW     30      SW     SE      19      22
## 9113      NNE    50      NW     NNE     17      33
## 9114      NE     44      NNW    NE      11      28
## 9115      S      50      SW     SSE     17      31
## 9116      S      46      SW     SSE     28      28
## 9117      NNE    35      NW     NNE     20      22
## 9118      S      33      S      ESE     20      11
## 9119      S      33      SW     S       20      22
## 9120      SSW    24      W      SSE     11      17
## 9121      NNE    48      NNW    NNE     20      31
## 9122      SW     33      SW     ESE     17      17
## 9123      ENE    35      SSW    NE       6      26
## 9124      NNE    52      SSE    NNE      9      33
## 9125      S      35      SW     SSE     13      28
## 9126      ESE    43      SW     E       15      17
## 9127      ESE    35      SW     ESE     17      22
## 9128      E      33      SW     S       17      13
## 9129      WSW    19      WSW    ESE      6       9
## 9130      ENE    30      SW     ENE      7      20
## 9131      NNE    50      NNW    NE      13      35
## 9132      NNE    46      NNW    NNE     13      31
## 9133      NNW    31      WSW    NNW     13       7
## 9134      S      33      WSW    S        9      20
## 9135      SW     30      SW     S       17      19
## 9136      NNE    31      WNW    NE      11      24
## 9137      SSE    22      SW     SE      11      15
## 9138      S      31      SW     ESE     19      13
## 9139      SSW    33      SW     SSE     13      13
## 9140      SE     22      WSW    ESE      9      15
## 9141      NE     30      W      NE       7      17
## 9142      NE     33      WNW    NE      11      24
## 9143      NE     39      WNW    NNE      6      28
## 9144      S      52      SW     SSE     13      24
## 9145      SSW    44      SW     S       24      30
## 9146      ESE    43      SW     SSW     20      19
## 9147      SE     69      SW     SE      26      24
## 9150      ENE    43      E      ENE     20      13
## 9151      N      35      SW     S       13       9
## 9152      S      41      NW     SSW      9      11
## 9153      SW     35      SW     WSW     22      20
## 9154      SSW    44      SW     SSE     15      30
## 9155      SE     31      SW     WSW     13       7
## 9156      SSE    37      SW     SSE     24      20
## 9157      WSW    31      SW     SE      19       7
## 9158      NNE    37      NNE    NNE     17      24
## 9159      N      31      W      NE       9      13
```

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```
## 9160        ENE        28         N        ENE        9        15
## 9161         SW        24         W        WSW        7        11
## 9163         SW        26       SSW        ESE        9        11
## 9164         SW        28       WSW         SE       17        13
## 9165          S        30         S        SSE        6        20
## 9166          S        56        SW        SSW       22        26
## 9167        SSW        61       SSW        SSW       33        41
## 9168        SSW        57       SSW        SSW       35        35
## 9169          S        72        SW        SSE       24        39
## 9170          S        41        SW        SSW       22        31
## 9171        SSW        31        SW          S       26        28
## 9172          N        33        NW          N       19        15
## 9173         NW        39        NW          S       20        17
## 9174          N        37         N         NW       15        15
## 9175        SSW        28        SW          E       19        11
## 9176          E        24       NNW          E        7        13
## 9177         SW        41       SSW          S       19        19
## 9178         SW        37       SSW          S       19        22
## 9179         SW        30        SW        SSE       13        17
## 9180        SSE        41        NW        NNE       13        26
## 9181        SSW        44       WSW          S       17        28
## 9182         SW        31        SW          S       15        15
## 9183          S        39       WSW          S       19        26
## 9184        WSW        33        SW          W       19        11
## 9185        ESE        17       WSW          E        6        11
## 9186          S        57        SW          S       22        28
## 9187         SW        35       WSW          S       17        20
## 9188        SSW        52        SW          S       28        37
## 9189         SW        37        SW        SSE       20        20
## 9192         NE        20       WNW         NE        9        13
## 9193          N        30       WNW          N        7        17
## 9194          E        19         W         NE        9        13
## 9195        WSW        26        SW         SE        9        11
## 9196        ESE        41        SW        WSW       22        15
## 9197         NE        50        SW          E       20        17
## 9198          E        61         E        ENE       35        28
## 9199        ESE        76       ESE          E       41        35
## 9201          E        69       ESE        ESE       39        41
## 9202         SE        48       ESE         SE       22        20
## 9203          E        26        SW        WNW       11        13
## 9204         SW        22       SSW        NNE        9        13
## 9205         NW        20       SSW        SSE        6         9
## 9206          S        22         S        SSE        9        11
## 9207        SSW        50       WSW          S        9        31
## 9208        SSW        43       WSW          S       17        30
## 9209        ESE        39        SW        ESE       15        24
## 9210         SW        33        SW         SW       17        19
## 9211         SW        28        SW          S       15         9
## 9212          S        17        SW         SE       11         9
## 9214         SW        19         S        ENE        9        11
## 9215        WSW        30         W         SE        6        11
## 9222         NW        31       WNW        ESE       13         9
## 9223        SSW        54        NW        NNE        7        15
## 9224        WNW        28       SSW        ENE        7        11
```

```
## 9225        WSW         33      WSW      SE       17        11
## 9226        SSW         48       SW     SSW       24        28
## 9227        SSE         39       SW      SE       24        13
## 9228        ENE         52       SW     ESE       20        28
## 9230        NNE         54      WNW      NE       11        15
## 9232        SSE         30      WSW       S       11        19
## 9233         NW         22      WNW      NE        6         9
## 9234        WNW         28      SSE     WNW        7         6
## 9235         SW         17       NW       S        7         9
## 9236        SSW         39      WSW       S        7        20
## 9237         SW         22        W       N        6        13
## 9238         SW         22      NNE       E        6        13
## 9240          N         41      NNE       N        4        20
## 9241        WSW         28        W      NE        7        11
## 9242         SW         57       NW     WSW        9        31
## 9243        SSW         30      WNW      SE       13        13
## 9244          S         35       NW     SSE        6        17
## 9245        NNW         35        W       N        7        19
## 9246          S         41       SW      SW       19        28
## 9247          S         48       SW      SW       26        17
## 9248        ESE         50       SW      SW       22        22
## 9249        SSW         46       SW     SSW       28        31
## 9250         SW         37       SW       S       20        24
## 9251        NNE         30       NW      NE       15        20
## 9252        NNW         35       NE      NE       15        17
## 9253        WNW         35      SSW       E       15        13
## 9254         NW         30       NW     NNW       13        11
## 9256         SW         56       SW     SSW       28        31
## 9257         SW         24       SW       E        7        15
## 9258         NW         22      WNW       E       13        11
## 9259          N         39      NNW     NNE       11        22
## 9260        NNW         31      WNW       N       17        26
## 9261          N         39       NW       N       13        17
## 9262         SW         28      WSW     ESE       13        13
## 9263        SSE         41       SW       S       22        30
## 9264         SW         22        W       E        2        13
## 9265        NNW         37        N     NNW       13        19
## 9266         NW         41        S     SSE       13        20
## 9267         SW         28       SW     SSE        9        15
## 9268         SE         20       NW      SE        6        13
## 9269        NNE         35       NW     NNE        9        22
## 9270         SW         33       SW     SSW       17        19
## 9272        NNE         26       SW      NE        7        15
## 9273         NW         22       SW       E        7        13
## 9274        NNE         35       NW     NNE        9        26
## 9275        SSW         28      SSW      SE       11        15
## 9276        ENE         28       SW      NE        7        19
## 9277        NNE         39       NW     NNE       20        30
## 9278          S         54       SW       S       26        26
## 9279        ESE         19      WNW       E        7        13
## 9281          N         48        N     NNE       15        35
## 9282        NNE         37      NNW     NNE        9        24
## 9283        SSW         28        W       E        7        13
## 9284        WSW         35       SW      SE       20        19
```

```
## 9285         NW      30      NNW      NE      13      17
## 9286        NNE      37      NNE     NNE       4      28
## 9287        SSW      50       NW     NNW      13      28
## 9288          S      54       SW     SSE      20      20
## 9289        WSW      26       SW       E      17      15
## 9290         NE      35      NNW     NNE      13      28
## 9291         NW      46      NNE     NNE      11      26
## 9292        SSE      43        W       S       9      15
## 9293        NNE      37        N      NE      13      24
## 9294         NW      50       NW      NE      30      22
## 9295        WNW      35       NW     ESE      19      17
## 9296          N      28        N       N       9      19
## 9297         NE      37      WNW      NE       4      22
## 9298        SSW      22      WSW       E       2      11
## 9299          N      48      NNE       N      19      28
## 9300          W      43        W     ESE      30       4
## 9301        WSW      26      WSW       E      11      13
## 9302        SSE      30      WSW       E      13      15
## 9303         NE      35       SE      NE      11      24
## 9304        NNE      52      NNW     NNE      19      37
## 9305        NNE      50        N     NNE       9      33
## 9306          S      44        S     SSE      31      20
## 9307         SE      20       SE       E       6      17
## 9308        NNW      57        N      NE      26      19
## 9309        SSE      22       SW     ENE      11      15
## 9310          E      28      SSE     ENE       9      19
## 9311         NE      30        E     ENE       9      20
## 9312        SSW      33       SW      SE      20      17
## 9313         NE      41      NNE     NNE       7      30
## 9314        NNE      56        N     NNE       4      41
## 9315        NNE      35       NW     NNE       7      19
## 9316        NNE      54       NW     NNE      13      37
## 9317        NNE      56      NNE     NNE      26      41
## 9318          N      52        N     NNE      31      39
## 9319        SSW      43      NNE      NE      19      19
## 9320          E      28        S     ESE      17       9
## 9321        SSW      31       SW     ENE      20      11
## 9323        NNW      39        N      NE      13      19
## 9324        WNW      69        W     WNW      24      35
## 9325        ENE      33      ENE      NE      13      20
## 9326        NNE      37       SE     NNE      11      22
## 9327        WNW      70      NNW     WNW      26      31
## 9328        WSW      56      SSW     WSW      13      26
## 9329        SSW      50      WSW      SW      28      30
## 9330         SW      33       SW       E      19      17
## 9331         NE      52       NW      NE      24      31
## 9332        NNE      48      ESE      NE      15      33
## 9333         SW      44      NNW      NE      19      30
## 9334          S      63       SE       S      11      44
## 9335        SSW      37      WSW     SSW      15      19
## 9337         SE      28       SW      SE      13      17
## 9338        SSW      48       NW     ESE      24      13
## 9339          S      65       SW       S      22      39
## 9340          S      59       SW       S      31      31
```

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```
## 9341     SW    37    SSW    SSE    26    22
## 9344    WNW    63      N    WNW    20    39
## 9345     NW    69    NNW    WNW    15    35
## 9346      E    31      S      E     7    19
## 9350      E    28    WSW      E    13    19
## 9351    NNE    52      N     NE    13    35
## 9354    NNE    54     NE    NNE    22    30
## 9355    SSW    37      S      S    28    17
## 9356    SSW    63    SSE    ENE     9    15
## 9357      E    57      E     SE     9    30
## 9361    NNE    41     NE     NE    13    28
## 9362    SSW    39      S    SSW    15    28
## 9363    ENE    33      S     NE     9    20
## 9364    NNE    50      N     NE    13    35
## 9365     NE    52     NE     NE    19    37
## 9367      S    48    SSW    SSW    17    17
## 9374     NE    48    NNW     NE    11    33
## 9375    SSW    37     NW    SSW    15    24
## 9376    NNE    28    SSW      E    17    13
## 9377     NE    28      S     NE     4    20
## 9378    NNE    37     SE     NE    13    17
## 9379      S    52      S      S    24    33
## 9380     SW    26    SSE    ENE    15    15
## 9381    NNE    61    NNE    NNE    30    43
## 9382    NNE    57    NNE    NNE    19    39
## 9383    NNE    54    NNE     NE    26    37
## 9384    NNE    56    ENE    NNE    20    37
## 9387     NE    44     SE     NE     9    26
## 9388    NNE    67      N    NNE    24    46
## 9389      N    52    NNE     NE    19    31
## 9390      N    52    ESE     NE     9    24
## 9391     NW    59     NE     NW    13    31
## 9392    SSW    50    SSW    SSW    17    19
## 9393    SSW    50    SSW      S    28    30
## 9394      S    46     SW    SSE    26    28
## 9395    SSW    30     SW      E    19    15
## 9396     NE    44    NNW     NE    22    33
## 9397    NNE    69     NE    NNE    20    41
## 9398      S    37     SW      S    26    24
## 9399    NNE    61      N    NNE    19    41
## 9400    WNW    72    SSE     NE    13    35
## 9401     NW    54    SSW    SSE    19    17
## 9402    NNE    59    NNW    SSE    19     9
## 9403      N    44    WNW    SSW     9    20
## 9404    ENE    30      S      E    11    15
## 9405     NE    37    ESE     NE     7    24
## 9406    SSE    26    SSW    ESE    13    17
## 9410      N    46    NNW    SSW    20    33
## 9411      S    26    SSW    NNE     7     2
## 9412    SSW    44    SSW    SSE    28    20
## 9413    WSW    28    SSW    ESE    15    13
## 9414    NNE    31      N     NE     9    20
## 9415     NE    31    ESE     NE     9    20
## 9416    NNE    46     NE     NE    20    30
```

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## 9417        NNE        57        N        NNE        24        41
## 9418         NE        43       NE        NNE        22        24
## 9419        NNE        54      NNE        NNE        26        35
## 9420         NE        48        N        NNE        13        24
## 9421          S        37       SW          S        19        24
## 9422        SSW        28       SW         SE        13        11
## 9423        SSW        20      WSW         SE         9         9
## 9424        NNE        52      NNW         NE         9        35
## 9425        NNE        56      NNW        NNE         9        35
## 9426        SSW        43      SSW        SSW        31        24
## 9427         SE        35      SSE        SSW        26        20
## 9429         NE        41      NNW         NE         9        30
## 9430         SW        28       SW         SE        15        17
## 9431          S        30       SW         SE        17        15
## 9432        NNE        41      NNW         NE         9        24
## 9433         NE        37      NNE         NE         6        28
## 9434        SSW        37      SSW        SSE        19        17
## 9435        NNE        50      ENE         NE        15        31
## 9436         NE        65        N        NNE        22        44
## 9437        SSW        35      SSE         NE        11        24
## 9438        SSE        24       SE         SE        11        15
## 9439          S        28        S        ESE        19        13
## 9440         NE        43      WSW        NNE         4        30
## 9441        NNW        31        S        ESE        15        15
## 9442         SE        41       SW         SE        20        22
## 9443        NNE        31      WSW        ENE         9        19
## 9444         NW        30      NNE         NE         6        13
## 9445         NE        46      SSE         NE         2        17
## 9446         NE        54       NE         NE        15        37
## 9447        SSW        31        S          E        19        15
## 9448         NE        52      ESE        NNE        11        24
## 9449         NE        54      SSW        NNE         7        31
## 9450        SSW        46        N          S        13        13
## 9451        NNE        28       SW        ENE        15        13
## 9452        NNW        35        S         SE        11         9
## 9453        SSW        44      SSW        SSE        31        22
## 9454        ENE        48      ESE        ENE         7        19
## 9455        ESE        52       SW        ESE        11        15
## 9456        SSE        46      SSE         SW        24        17
## 9458          N        35       SW          E        13        17
## 9459         NE        41      NNW         NE         9        26
## 9460        ENE        30      SSE         NW         9         7
## 9462        ESE        28       SW        ESE        13        13
## 9463         SW        19      WSW        ESE         9        11
## 9464          S        26       SW         SE        11        15
## 9465         NE        39      NNW         NE        11        28
## 9466        NNE        54        N        NNE        19        43
## 9467        NNE        41      ESE        NNE         6        24
## 9468        NNE        56        N         NE        26        39
## 9469        WNW        57       NE         NE        17        30
## 9470          S        33        S        SSE        19        13
## 9471        SSW        41      SSW          S        26        30
## 9472          S        52       SW          S        28        39
## 9473         SW        37       SW          S        20        22
```

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## 9474      WSW       24       NW       SSE       11       19
## 9475      NNE       44        N        NE        9       31
## 9476       NE       50       NNW       NE        20       33
## 9477      SSW       48       SSE       NE        9       24
## 9478       SW       41       SSW       SSW       22       17
## 9479        S       44       WSW        S        24       28
## 9480      ESE       41       SW        SE        22       19
## 9481       SW       31       SW        SE        17       15
## 9482      NNE       39       NNW       NE        6       28
## 9483      SSE       54       WSW       SSW       17       30
## 9484      SSE       56       SW        SW        28       28
## 9485      SSE       44       WSW        E        24       11
## 9486        E       37       SW        ENE       13       24
## 9487       NE       41       NW        NNE       6       22
## 9488        N       37        N        NE        20       24
## 9489       NE       35       NW        NNE       9       24
## 9490      NNE       43        N        NNE       15       31
## 9491        N       26       NW        SE        9        9
## 9492      SSW       39       SW         S        22       26
## 9493        S       54       SW        SSW       28       31
## 9494        S       52       SW        SSE       26       20
## 9495      SSE       43       WSW       SSE       17       26
## 9496      WSW       35       SW         E        20       17
## 9497        S       35       SW         S        17       24
## 9498      SSE       48       SW        ESE       15       15
## 9499        S       33       WNW       SW        9       11
## 9500       NE       33       WSW       ESE       11       17
## 9501       NE       35        W        NE        7       26
## 9502       NE       35       NNW       NE        15       26
## 9503       NE       48       NNW       NE        15       31
## 9504        S       39       SW         S        24       30
## 9505      WSW       26       WSW       ESE       7       13
## 9506      ESE       22       WSW        E        7       15
## 9507        E       28       NW        ENE       2       19
## 9508       NE       41       NW        NE        13       30
## 9509       NE       41       NW        NE        20       26
## 9510       NE       39       NW        NE        13       22
## 9511      NNE       44       NNE       NNE       11       33
## 9512       NE       44        N        NNE       17       31
## 9513      SSW       37        W         S        11       13
## 9514        S       28       SW        SSE       9       17
## 9515       SW       37       SW        SSE       20       22
## 9516        S       52       WSW       SSE       17       24
## 9517        S       48       SW        SSE       28       30
## 9518        S       33       SW         S        20       15
## 9519      NNE       28       NW        NNE       2       17
## 9520        N       41       NNW        N        24       24
## 9521        S       50       NW        NW        20        7
## 9522        S       31       SSW       SE        13       13
## 9523      ENE       22       NNW       NE        13       13
## 9525      SSW       37       SSW       SSE       26       11
## 9526        S       33       SW         S        20       17
## 9527      SSW       35       SW        SSE       26       15
## 9528      SSE       24       SW        SSE       13       15
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## 9529       SSE       30       SW        S        15       19
## 9530        S        37       SW        SW       20       17
## 9531       WSW       28       WSW      SSE       17       15
## 9532       SW        31       WSW       S        19       13
## 9533       ESE       31       NNW       N        11       13
## 9534       NNE       22        W        SE       15       13
## 9535        E        20       WNW       E        9        13
## 9536       NNE       35       NW        NE       6        24
## 9537       NNW       33       NNW       N        9        19
## 9538       SSE       50       NNW      SSW       24       22
## 9539       SW        48       SW       NNE       33       26
## 9540        N        31        N       NNE       7        22
## 9541       NNW       24       WNW       E        4        11
## 9542       SW        26       WSW      ENE       11       19
## 9543       SSW       31       SW        S        17       15
## 9544        N        28       WSW       SE       17        9
## 9545       NNE       37        N       NNE       2        28
## 9546       SE        19        W        E        7        11
## 9547       NNE       20       WNW       SW       11        9
## 9548       SSW       30        W        E        6        13
## 9549       SSW       39       SSW       S        17       17
## 9550       SW        33       WSW       S        17       17
## 9551       SW        33       SW        S        17       20
## 9552       SE        28       SW        SE       15       17
## 9553       SE        22       SW        E        11       13
## 9554       NW        30       NW       NNW       13       20
## 9555        S        44       SSW      SSE       31       19
## 9556       SW        30       WSW      WSW       9         9
## 9557       WSW       31       WSW       S        15       15
## 9558        S        35       WSW       S        13       19
## 9559       SSE       39       WSW      SSE       17       24
## 9560        S        35       WSW       NE       13        9
## 9561       SW        39       WSW       SW       9        22
## 9562        S        46       SW        S        28       26
## 9563       SSW       30       WSW       S        15       13
## 9564        N        35       WSW       W        6        11
## 9566        S        39       SW        S        24       13
## 9567        N        28       WNW       NE       9        13
## 9568        N        30       NNE      NNW       15       15
## 9569        W        39       NW       WSW       17       22
## 9570       SSE       59       SSW      WSW       24       15
## 9571       WSW       28       WSW       SE       15        9
## 9572       NNW       35       NNW      NNW       13       17
## 9573       NNW       33       NW       WNW       20       15
## 9574       SW        41       NW       NNE       9         9
## 9575       SW        43       SW        S        26       28
## 9576       WSW       33       WSW      SSE       19        4
## 9577       WSW       43       WSW      WSW       20       22
## 9578       SW        52       WSW      SSW       20       28
## 9579       SW        54       WSW      SSW       19       31
## 9580       SW        43       WSW       SW       19       22
## 9581       SSW       52       SW       SSW       24       24
## 9582       SW        26       SSW      ESE       13       11
## 9583       NNW       35       WSW      NNW       9        19
```

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## 9584     WSW    37     N      SSW     7     17
## 9585     NW     39     WNW    NNW    13     26
## 9586     S      35     WSW    S      13     24
## 9587     SSW    41     SW     SSW    22     26
## 9588     SW     33     SW     SW     22     17
## 9589     SSW    31     SW     W      19     15
## 9590     SW     22     SW     SE      9     13
## 9591     NNW    37     N      N      17     15
## 9592     SW     33     W      SSE    19     13
## 9593     WSW    24     W      SSE     9     11
## 9594     SSE    19     W      SE      7     11
## 9595     S      33     WSW    S      13     22
## 9596     SSW    41     SW     SSW    19     28
## 9597     WSW    35     SW     SSE    19     20
## 9598     WSW    28     SW     S      13     11
## 9599     N      39     NW     N      11     24
## 9600     N      39     NW     NW     17      6
## 9601     WSW    31     WSW    S      17     13
## 9602     SW     35     WSW    SSE    17     15
## 9603     SW     19     W      SE      9      9
## 9604     SSE    22     WSW    S       6      9
## 9605     SSW    26     WSW    SW     11      9
## 9606     NNW    17     WNW    SW      7     11
## 9607     SW     44     WSW    SSW    22     20
## 9608     WSW    41     SW     SSW    24     26
## 9609     SSW    31     SW     SSE    13     15
## 9610     NNW    31     N      NNW     6     15
## 9611     SW     48     SW     SW     20     28
## 9612     S      50     SW     S      20     33
## 9613     S      46     SW     SE     26     15
## 9614     WSW    28     WSW    E      13      9
## 9615     N      35     NNW    N      15     22
## 9616     SSE    20     N      S       6     17
## 9617     N      41     N      NNE     6     20
## 9618     NNW    59     NE     ESE    15     17
## 9619     SW     44     NNW    SW      9     20
## 9620     WSW    33     SW     SSE    19     19
## 9621     SSW    31     SW     SE     13     15
## 9622     NE     39     NW     NE     15     22
## 9623     WSW    37     WNW    NW     11      9
## 9624     SSW    41     SW     SSW    17     22
## 9625     S      41     SW     SSW    22     28
## 9626     S      48     SW     SSW    19     24
## 9627     S      41     SW     SSW    24     28
## 9628     S      30     WSW    S      13     22
## 9629     SW     26     WSW    SSE    15     15
## 9630     S      41     SW     S      22     30
## 9631     WSW    35     SW     SW     20     17
## 9632     NNE    50     NE     N      20     17
## 9633     NNW    20     S      N       7      9
## 9634     NNW    30     WNW    NNW    13     13
## 9635     N      44     N      SSW    24      9
## 9638     SW     74     SW     SW     31     35
## 9639     SW     33     WSW    SE     20     13
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## 9640      SSE      30      WNW      SE       13      11
## 9641      SW       35      SW       S        15      22
## 9642      SW       46      SW       S        19      22
## 9643      WSW      20      WSW      SE        7      13
## 9644      NE       39      SW       NE        9      26
## 9645      N        43      N        NNE      20      20
## 9646      NNW      41      NW       NW       11      19
## 9647      WSW      46      N        WSW      17      19
## 9648      WSW      35      W        SSE      13      17
## 9650      WNW      52      N        WNW      22      22
## 9651      NE       24      NW       NE       11      17
## 9652      S        33      SW       E        20      11
## 9655      NW       35      WSW      W         9       9
## 9656      WSW      35      WSW      ENE      19      13
## 9657      S        26      SW       SE       13      13
## 9658      N        48      N        NNE      20      17
## 9659      SW       31      SW       W        13       7
## 9660      W        30      NW       NNE       9      17
## 9661      WNW      39      NNW      ESE       9      17
## 9662      W        33      NW       E        17      13
## 9663      SSW      33      SSW      S        17      17
## 9664      SW       33      SW       SSE      20      20
## 9665      WSW      24      SW       ESE      17      11
## 9666      NNE      41      SE       NE        9      30
## 9667      NNE      37      NNW      NE       24      22
## 9668      NW       39      NNW      SSW      20      13
## 9669      SW       35      SW       SW       24      11
## 9670      N        59      N        NNE      28      33
## 9671      N        50      NNW      NNW      26      30
## 9672      WSW      28      WSW      E        19      13
## 9673      SW       35      SW       E        17      13
## 9674      SW       37      SW       SE       24      13
## 9675      N        39      NNW      NNE      24      24
## 9676      WSW      50      NW       NNE      17      20
## 9677      WSW      35      W        SSE      20      15
## 9678      NE       43      NW       NE       17      30
## 9679      N        33      WNW      ENE       9      11
## 9680      SSW      30      WNW      ENE      15       9
## 9681      SW       52      SW       WSW      20      28
## 9682      ENE      31      NW       ENE       7      17
## 9683      SSE      37      S        SSE      26      13
## 9684      NNE      24      NW       E         9      11
## 9686      WSW      33      SW       WSW      19      17
## 9687      SSW      30      WSW      SE       15      11
## 9688      SW       43      SW       ESE      20       9
## 9689      NNE      30      NNW      NNE      11      22
## 9690      NNE      39      ESE      NNE       9      28
## 9691      NNE      52      NNE      N        19      28
## 9692      S        35      SSW      S        17      15
## 9693      NE       43      NE       ENE      11      28
## 9694      SW       24      SSE      E        11      13
## 9695      S        52      S        SSE      20      28
## 9696      SW       39      SW       ESE      26      15
## 9698      ENE      56      SW       NE       20      17
```

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## 9700       SE    61    ESE     SE    28    35
## 9701        S    52      S    SSW    28    30
## 9702      SSW    37     SW      S    20    26
## 9703        S    37     NW     NE    15    15
## 9705      SSE    35     SW     SE    19    20
## 9706        E    46     SW     SE    20    28
## 9707      ESE    50      E     SE    28     6
## 9708      NNE    39     NE     NE    24    24
## 9709      NNE    54    NNW    NNE    19    41
## 9710      NNE    50    NNE    NNE    13    35
## 9711        N    61      N      N    24    37
## 9712      WNW    52    WNW    ESE    15    13
## 9713       SW    31    WSW    ENE    19    17
## 9714      NNE    48     NW     NE    17    35
## 9715        S    41     SW      S    28    28
## 9716      WSW    28    SSW     SE    17    13
## 9718       NE    48      N     NE    13    35
## 9719       NE    37      N     NE    15    26
## 9720       SW    39     SW      E    26    13
## 9721      SSW    33     SW    SSE    13    20
## 9722       NE    35     SW    ENE     7    17
## 9723      NNE    41    SSE    NNE     7    28
## 9724        S    33    SSW    SSE    20    15
## 9725        E    28     SW      E     9    19
## 9726      NNE    54      N    NNE    22    37
## 9727      NNE    52      N    NNE    22    39
## 9728      NNE    41      N    NNE    17    26
## 9729        N    24    SSW      E    11    15
## 9730        E    24     SW      E    13    19
## 9731       NE    41    WSW     NE    13    26
## 9732        S    67     SW    WSW    15    20
## 9734       NE    39     SW     NE     9    30
## 9735      NNE    57      N    NNE    24    39
## 9736       NE    43     NE     NE    15    28
## 9737      NNE    52      N    NNE    20    39
## 9738        N    30    WNW    NNE    11    15
## 9739      NNE    56    SSE    NNE    11    39
## 9740      NNE    57      N    NNE    22    39
## 9741       NE    57     NE    NNE    20    43
## 9742      NNE    61      N    NNE    28    44
## 9743      SSW    39     NE      N     9    11
## 9744       SW    39     SW     SW    17    22
## 9745      WSW    22     SW    SSW     9     6
## 9746      SSW    50      S    SSW    15    35
## 9747       SW    41     SW    SSE    24    20
## 9748      ESE    22     SW    ESE    13    13
## 9749        E    30      E      E    17    19
## 9750        E    39      E      E    22    20
## 9751      ENE    35    SSE    ENE     7    26
## 9752       NE    41    NNE     NE    17    24
## 9753       NE    46     NW    NNE    17    24
## 9754       NE    48     NE     NE    19    33
## 9755      NNE    52      N    NNE    28    31
## 9757       NE    37     SE    ENE     7    15
```

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## 9760     NE      31      NE       NNE      15      22
## 9761    NNE      41      NW        NE       6      30
## 9762    NNE      22       E       ESE      11      11
## 9763    ESE      28       S        SE      11      13
## 9764      E      26       S         E      13      13
## 9765     NE      44     NNE       NNE      24      30
## 9766    NNE      63       N       NNE      28      44
## 9767      N      50      NW        NE      20      26
## 9768    SSW      26     SSW       SSW       6      13
## 9769      N      30      SE       ENE      13      13
## 9770    WSW      50       S         S      15      19
## 9771     SW      35      SW         S      22      19
## 9772     NE      28     SSW       ENE       7      17
## 9773     NW      35     WNW        SW       7      11
## 9774    WNW      65     SSW       SSW      17      20
## 9775      N      33       W       NNW       7      13
## 9776      N      48     NNW         N       7      30
## 9777     SW      63     WSW       WSW      11      41
## 9778     NE      37     WSW        NE      13      28
## 9779     NE      33       E       ENE      11      17
## 9780    WSW      24     WSW         S      15       9
## 9781     SE      46     SSE       SSE      28      31
## 9782     SW      31      SW       SSE      20      13
## 9783      N      39       N       NNE      13      20
## 9784    SSE      41     WSW       SSE       9      24
## 9785    SSE      50      SW        SW      20      11
## 9786     SE      24     WSW        SE      15      15
## 9787     SE      24      NW       ESE       6      17
## 9788     SE      22     SSE       ESE       7      15
## 9789     NE      52     NNW        NE       6      31
## 9790    NNE      57     NNW       NNE      20      41
## 9791    SSW      46     SSW         S      15      20
## 9792    NNE      50     SSW         S      30      31
## 9793    SSW      48     ESE       ENE       9      20
## 9795     NE      56      SW         E       7      17
## 9796      E      33      SW         S      20      28
## 9798      E      54     ESE         E      26      33
## 9799    ENE      44     ENE       ENE      26      24
## 9800     NE      48      NE        NE      19      22
## 9801    ENE      31      NE       NNE      11      19
## 9802     NE      35      NE       ENE      11      26
## 9803     NE      35       N        NE       9      22
## 9804    SSE      26      SW       SSE      13      17
## 9805    NNE      31      NW        NE       9      17
## 9806     SW      35       S         E      20      13
## 9807      S      59       N       NNE       9      17
## 9808    ESE      41       E         S      28      15
## 9809      S      30      SW       ESE      19      17
## 9810      S      35     SSW         S      11      20
## 9811     SW      28     WSW       ESE      20      17
## 9812     NE      54       N        NE      15      37
## 9813    NNE      57       N        NE      11      39
## 9814     NE      56     NNE       NNE      24      39
## 9815     NE      57       N        NE      24      43
```

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## 9816           SSW           50           SW           SSW           17           39
## 9817           SSW           35          SSW            S           24           20
## 9818            NE           35           SW           ENE           11           17
## 9819           NNE           56          NNW            NE           15           39
## 9820           NNE           61          NNW            NE           26           39
## 9821            NE           61            N            NE           13           37
## 9822            NE           50            N            NE           28           35
## 9823           NNE           44          ESE            NE            9           26
## 9824            NE           59          NNW            NE           24           43
## 9825           SSW           67            N            NE           24           43
## 9826            SW           54           SW            SW           30           22
## 9827            SW           35          WSW            SW           17           15
## 9828            S            44           SW           SSW           22           28
## 9831            NE           43           NE            NE            9           33
## 9832           SSW           33           SE            E             9           13
## 9833            S            44          WSW           SSW           24           19
## 9834            S            33           SW            S            19           24
## 9835           ENE           35          SSW           SSE           11            9
## 9836            NE           37          WNW            NE            7           26
## 9837            NE           31            N            NE            7           20
## 9838           NNE           48           NE           NNE           13           35
## 9839            NE           35           SE            NE            7           22
## 9840           SSE           56          WSW            S            15           28
## 9841           SSW           59           SW           SSW           24           41
## 9842            S            57           SW            SW           24           30
## 9843            SW           37          WSW            S            19           22
## 9844            NE           28          ESE            E             2           19
## 9845           NNE           37          WSW           NNE           19           28
## 9846           NNE           50          NNW            NE           11           33
## 9847            NW           41            N            NE            9           22
## 9848           SSW           98            N            NE           24           30
## 9849           WSW           39          WSW            SW           20           20
## 9850            SW           28          WNW           ENE            7            6
## 9851           SSW           30          WSW            S             6           11
## 9852            S            70           SE           SSE           22           31
## 9853           ESE           48           SW           ESE           20           26
## 9854            SW           31          WSW            SE           13           19
## 9855            NE           33           SW            NE           11           24
## 9856           NNE           37           NW            NE           13           24
## 9857           NNE           44            N            NE           11           31
## 9858           NNE           50          NNE           NNE           22           35
## 9859           NNE           41           NW            N            13           24
## 9860           NNE           33           SW            E             4           17
## 9861            NE           46            N            NNE           13           33
## 9863            NE           22          NNW           ENE           11           13
## 9865           SSE           24          WNW            S             4           17
## 9866           WSW           24          WSW           WSW           15            9
## 9867           SSE           26           SW            SE            9           11
## 9868            S            26           SW           SSE           13           15
## 9870           WNW           20          NNW           ENE            7           13
## 9873            S            54           SW            S            28           33
## 9874            SW           48           SW           SSW           28           30
## 9875           SSW           33          WSW            S            15           22
## 9877           ENE           28            W            ENE            6           20
```

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```
## 9879      SW      48      SW      SW       28      15
## 9880      SW      30      SW       S       15      17
## 9881      SE      19      NW      SSE       4       9
## 9882      SW      48     WSW       S       11      26
## 9883     SSW      56      SW      SSW      30      39
## 9884      SW      50      SW      SW       35      24
## 9885      SW      35     WSW      SSE      15      15
## 9886     NNW      35     NNW      NNW      15       7
## 9887      SW      31     WSW       S        7      24
## 9888      SW      59      SW      SW       26      26
## 9889      NW      20     WNW      SE       11       9
## 9890      SW      30     NNW      SW       11      20
## 9891     WSW      24      NW       E       11       7
## 9892      SW      33     WSW      SE       20       9
## 9893      SW      39      SW       S       20      22
## 9894      SE      20     WNW      SE        7       9
## 9895       S      31      SW      SSW      13      20
## 9896       S      39      SW       S       20      24
## 9897     WSW      26      SW      SE       17      11
## 9898      SW      26     SSW      SE        6      11
## 9899      NE      24       W      NE        6      17
## 9900       N      35       N       N        4      15
## 9901      NW      43       S      NW       13      19
## 9902      SW      39      NW      ENE       7      17
## 9903      SW      61     WSW      SW       19      43
## 9904     SSW      56      SW      SSW      30      28
## 9905      SW      31       W      SSE      11      19
## 9906     SSW      31      SW       S       20      13
## 9907     ENE      46     WSW       S       13      13
## 9908      SW      48     WSW      SW       15      15
## 9909      SW      43     WNW      SSW       6      19
## 9910       S      76     ESE       S       35      41
## 9911     SSE      57      SW       S       26      39
## 9912      SW      41       W       S       15      15
## 9913       E      19     WSW      NE        6      11
## 9914     WSW      19      SW       E        7      11
## 9915     SSW      35      SW       S        9      19
## 9916      SW      41     WNW       N        9      20
## 9920      SW      41      SW      SW       24      17
## 9921     SSE      57      SW      WSW      22      20
## 9924     SSW      48     WSW      WSW      11      15
## 9928     WSW      37     WSW      SE       13       9
## 9929      NW      26      SW      ENE       4      11
## 9930     NNW      35      NW       N       13      20
## 9931      SW      37     WSW      WSW      26      17
## 9932     ENE      19      NW      NE        7       9
## 9933     SSW      22     WSW      SSE      13      13
## 9937     WSW      39     WSW      WSW      11      19
## 9938      SE      46     WSW       S       17      22
## 9939     SSW      50      SW      SW       24      26
## 9941     SSW      37     WSW      SSW      20      19
## 9942      NE      30      SW      NE        9      19
## 9943     NNW      31     NNW       N       15      15
## 9944     WNW      41     WNW       W        9      17
```

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```
## 9945      WNW     33      NNW     ENE      9      11
## 9946       NW     37      NW      WSW      9      24
## 9948        S     28      SW      SSE      7      17
## 9949        N     20      WSW     NE       9      13
## 9950       SW     28      NNW     NE       2      13
## 9951      SSE     17      NW      E        7       7
## 9952       SW     15      W       W        4       9
## 9953      SSW     31      WSW     SSW     17      17
## 9954      SSE     46      SW      W       20      11
## 9955      WSW     31      SW      SW      15      19
## 9956       SW     28      SW      SSE     17      11
## 9957       SE     19      WNW     SSE      6       7
## 9958      WSW     39      WSW     NNE      9      11
## 9959       SW     59      SW      SW      20      30
## 9960      SSW     57      SW      SW      30      28
## 9962      SSW     56      SW      S       37      31
## 9963       SW     37      SW      SSE     20      15
## 9964      WSW     22      WNW     NNE      2      11
## 9965       NW     30      NW      ESE     19      15
## 9966      SSW     33      WSW     S       13      17
## 9967      WSW     37      SW      S       22      17
## 9968        E     24      W       E        7      17
## 9969       NE     26      SW      NE       7      13
## 9970       NE     28      NW      NE      11      17
## 9971      NNW     37      NNW     NE       6      11
## 9972       NE     33      N       NE       6      24
## 9973       NE     37      NNW     NE       9      28
## 9974      NNE     41      NW      NE      11      28
## 9975        N     43      NW      N       17      26
## 9976       NW     33      NW      NNE     19      22
## 9977      NNW     44      NNW     SE      17      13
## 9978      WNW     35      NW      E       11      13
## 9979      WNW     33      NW      SE      13       9
## 9980      ENE     30      N       E        7      15
## 9982        S     56      SW      S       22      41
## 9984       SW     57      WSW     NNE     13      20
## 9985       SW     37      WSW     S       17      20
## 9986        E     28      SW      NNE      9      20
## 9987        N     54      NE      N        9      26
## 9988        N     52      NW      SW      24      22
## 9989       NE     28      N       NW       7       9
## 9990       SW     56      SW      SSW     30      22
## 9991       SE     54      SW      SSE     20      26
## 9992       SE     54      SSW     SSW     26      35
## 9993      SSE     43      SW      ESE     17      28
## 9994      SSW     39      SW      S       19      28
## 9995       NE     26      WSW     E       13      19
## 9996        E     17      NNE     ENE      4      11
## 9997      ENE     30      NE      NE      13      20
## 9998      SSW     35      SW      SSE     17      15
## 9999       SW     43      SE      NNE      6       9
## 10000       S     56      NW      WSW      7      11
## 10003     SSW     48      SSW     S       35      31
## 10004      SW     35      WSW     SSE     20      15
```

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```
## 10005         NE        30       WSW        NE         9        19
## 10006        NNE        39        NW        NE         6        28
## 10007         NE        44       NNW       NNE        24        31
## 10008         NE        35        NW        NE        17        26
## 10009         SW        35        SW       ENE        17        11
## 10010          N        43       NNW         N        20         9
## 10011        WSW        57       SSW        SW        24        33
## 10012         NE        26         W       ENE         9        15
## 10013          S        59        SW       WSW        31        20
## 10014        NNE        39        SW        NE         6        30
## 10015        NNE        30       NNW       ENE         9        17
## 10018         NW        28       SSE        NE        13        15
## 10019        NNW        33        NW       WNW        19        20
## 10020        SSW        44        SW         E        19        15
## 10021          N        63         N        NE        26        30
## 10022          S        43         S        SE        26        15
## 10023         NE        46       NNW        NE        15        28
## 10024          N        39       NNW       NNE        24        26
## 10025        SSW        37        SW       ESE        22         7
## 10026        SSW        72       WSW       SSW        15        20
## 10027        SSE        63       SSE         S        35        35
## 10028        WSW        30        SW        SE        20        15
## 10029          N        50         N       NNE        22        26
## 10030         NW        52         N         N        22        19
## 10031        WNW        41        SE        NE        13        24
## 10032        WSW        50       NNE       SSW         7        17
## 10033         SW        52        SW       WSW        28        17
## 10034        SSW        52        SW         S        28        37
## 10035          S        54        SW       SSE        26        33
## 10036         SW        28        SW        SE        19        15
## 10037        NNW        31        SW         N         9        19
## 10038        SSE        24        SW         E        13        13
## 10039        SSW        31        NE         S         4         9
## 10040        NNE        33       SSW        NE         6        20
## 10041         NE        30       WSW        NE         7        20
## 10042        ESE        28       WSW       ESE         9        17
## 10043         NE        37       SSW        NE        13        26
## 10044        WSW        37       WSW       SSW        20        15
## 10045        ENE        30        SW         E        11        13
## 10046          S        30        SE         S         9        19
## 10047          S        30       ESE         S         6        13
## 10048        SSW        44        SW         S        17        31
## 10049        SSW        41        SW         S        20        24
## 10050        WSW        31       WSW       ESE        20        15
## 10051          E        30        SW         E         6        22
## 10052         NE        44       NNW        NE        13        31
## 10053         NE        46       NNW        NE        20        31
## 10054         NE        48         N       NNE        22        35
## 10055        NNE        57         N       NNE        24        43
## 10056         NE        50       NNW        NE        19        33
## 10057         SW        50        SW        SW        24        28
## 10058        WSW        37       WSW       SSW        24        15
## 10059          E        26       WSW         E         9        19
## 10060         NE        50         N       NNE        17        35
```

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```
## 10061       NNE         39        NE        NE        15        26
## 10062       SSW         56       SSW       SSE        35        35
## 10063       WSW         33       WSW       SSE        24        17
## 10064       NNE         41        W         NE         9        30
## 10065        S          37       SSE        E         13        17
## 10066       WSW         24       WSW        SE        15         9
## 10067       NNE         50        E         NE        11        33
## 10068       NNE         56       NNW       NNE        11        39
## 10069        NE         44       NNW        NE         6        31
## 10070        NE         56        NE       NNE        17        35
## 10071       NNE         46        NE        NE        17        28
## 10072        NE         33       NNW        NE        17        28
## 10073       SSW         41        S         S         28        24
## 10074        N          43       WSW       NNE         4        26
## 10075       NNW         46       WSW       WNW         9         6
## 10076        NE         50       NNE       NNE        19        37
## 10077        S          35       SSE       SSW        19        26
## 10078        S          54       NNW       NNE        13        35
## 10079        SW         28       SSW       ESE        15        15
## 10080       NNE         37        N         NE         9        28
## 10081        NE         57        N         NE        19        39
## 10082        NE         57        N         NE        35        39
## 10083        SW         37       SSW        S         24        17
## 10085        SW         48       SSW       SSW         7        19
## 10086       WSW         41        SW       SSE        22        26
## 10087       ENE         44        E        NNE        19        24
## 10088       NNE         48       NNE       NNE        26        26
## 10089        N          37        NW        NW        20        20
## 10090        SW         39        S         SE        20        13
## 10091        NE         43       NNE        NE        15        30
## 10092       NNE         56        N        NNE        15        39
## 10093       SSW         61       SSW        SW        33        33
## 10094       SSW         52        SW        S         35        31
## 10095        SW         39        SW        E         19        15
## 10096        NE         41       SSE        NE        13        31
## 10097       SSW         50        SW        S         28        28
## 10098       SSW         39        SW        S         22        17
## 10099        E          37       WSW       WSW        19        13
## 10100       ENE         35       ESE       SSE        19        20
## 10101       WSW         28       WSW       SSE        15        19
## 10103        N          54       SSE       NNE         9        19
## 10105        S          35       SSE       SSE        15        24
## 10106        S          35       SSW       SSE        20        24
## 10107        SW         33        SW       SSE        19        20
## 10108       SSE         35       SSW       SSE        17        26
## 10109        S          37       SSW       SSE        20        24
## 10110        NE         31       SSW        NE        13        19
## 10111       NNE         54        N        NNE        17        43
## 10112       SSE         46       NNE       SSE         7        22
## 10113        S          37        SW        SE        22        19
## 10114        S          26        SW       ESE        11        13
## 10115        E          30        NW       ENE         9        22
## 10116        SW         31       WSW       ESE        15        20
## 10117       SSW         28        SW       SSE        17        19
```

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```
## 10118      E    26   SE    E     11   19
## 10119    SSW    72   SW    S     20   41
## 10120      S    56  SSW    S     28   35
## 10121      S    57  SSW    S     30   35
## 10122      S    44   SW  SSE     30   28
## 10123    SSE    37  WSW  SSE     17   20
## 10124    WSW    26   SW  ESE     15   17
## 10125      E    31    N    E      9   20
## 10126     NE    44    N   NE     13   31
## 10127     NE    56  NNW  NNE     24   39
## 10128    NNE    31    S  ENE      9   17
## 10129    SSW    56    N    S      7   30
## 10130     SW    28   SW    E     15   15
## 10131    NNE    61    N   NE     19   43
## 10132    SSW    41  SSW   SE      7   13
## 10133     NE    30  ESE   NE      7   22
## 10134    SSW    48  WNW   NE     11   17
## 10135    SSW    63  SSW  SSE     30   30
## 10136      E    31  WSW    E     15   20
## 10137     NE    41  NNW  NNE     22   26
## 10138    NNE    39  SSW  NNW     13   11
## 10139    ESE    48  ESE   SE     24   28
## 10140    ENE    50   SE    E     28   28
## 10141    SSW    33  SSW    S     20   22
## 10142    SSE    37   SW  SSE     20   26
## 10143      S    41   SW  SSE     26   20
## 10144      S    33   SW  SSE     20   17
## 10145      S    50   SW    S     28   31
## 10146     SE    52  SSE   SE     35   30
## 10147    ENE    43    S   NE      7   20
## 10148      E    57  ENE   NE     26   30
## 10150    ENE    37    E  ESE     22   13
## 10151      E    28  ESE   NE     17   13
## 10152     NE    43    W    N      4   19
## 10153    NNE    54  NNE  NNE     22   26
## 10154     NE    48    N   NE     24   26
## 10156     NE    35  WSW   NE      9   22
## 10157      E    20  SSE   SE      9   11
## 10158    ESE    20  SSW    E      7   13
## 10159    SSE    24   SW  ESE     13   15
## 10160    SSW    26   SE  ESE      7   13
## 10161      S    41   SW  SSW     11   19
## 10162      S    41   SW    S     20   24
## 10163    SSW    35   SW  SSE     22   22
## 10164      E    30   SW  ENE      4   20
## 10165      S    61    N   NE     15   33
## 10166    NNE    98  WSW   SE     15   19
## 10167    SSW    56   SW   SE     11    9
## 10168    SSW    35   SW  SSE     24   24
## 10169      S    30   SW  SSE     19   19
## 10170    SSE    26  WSW  ESE     15   15
## 10171      E    30    W    E      7   19
## 10172      E    30  WNW    E      6   17
## 10173    ESE    22   SW  ESE      7   15
```

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```
## 10174       SSE       50       SW       NE        9       26
## 10175         S       50       NW        S       15       30
## 10176        SW       30       SW      ESE       13       11
## 10177        SW       26      WSW       SE       15       13
## 10178       SSE       30      WSW      SSE       15       22
## 10179       ESE       26       SW        E       13       17
## 10180       NNE       35       NW       NE       11       17
## 10181       NNE       43      NNE      NNE       17       31
## 10182       NNE       56      NNW      NNE       19       37
## 10183       NNE       33      SSE       NE        4       15
## 10185         S       48      SSW        S       26       33
## 10186        SE       39       SW        W       13        9
## 10187         N       35        N       NE        9       17
## 10188       SSE       50      NNW      NNE       17       31
## 10189         S       54       SW      SSW       26       26
## 10190       SSW       54       SW        S       28       31
## 10191        NE       50        N       NE        7       33
## 10192        SW       28       SW        E       11       17
## 10193         S       30       SW      SSE       13       20
## 10194         S       28      WSW       SE       11       15
## 10195       SSE       22       SW      WNW       13        9
## 10197       NNE       26        W        E        7        9
## 10199        NE       33       NW      ENE       13       22
## 10200       SSW       44      NNW        S       11       17
## 10201         S       63       SW      SSW       35       39
## 10202       SSE       57       SW      SSE       30       35
## 10203       ESE       43       SE        E       20       20
## 10204         E       30      WNW       NE        9        9
## 10205        SW       26       NW      ESE       13       11
## 10206       NNE       30      NNW       NE        6       17
## 10207         S       35       SW       SE       19       20
## 10208        SE       28       SW       SE       15       13
## 10209       SSE       19        W       SE       11        9
## 10210         E       37      WSW      ESE        6       13
## 10211       SSE       35      SSW       SE        6       20
## 10212       SSE       20      WSW      ESE        9       15
## 10213        SW       33      WSW       SE       11       17
## 10214        SW       33       SW       SE       17       24
## 10215         S       39       SW        S       20       26
## 10216       SSE       56      WSW        S       19       19
## 10217       SSE       35       SW      SSE       20       24
## 10218         S       24       SW       SE       13       13
## 10219         S       28       SW       SE       17       17
## 10220       SSE       26       SW        E       17       15
## 10221       NNE       28      SSW       NE        6       17
## 10222       NNW       43      WSW       NE        7       30
## 10223       NNW       48      NNW       SE       17       22
## 10224         S       54      SSW      SSW       37       35
## 10225        SW       52       SW        S       37       35
## 10226         S       54       SW       SW       20       19
## 10227       SSW       33       SW      SSE       22       20
## 10228       WSW       35      WSW      WSW       13       17
## 10229       ESE       24      WSW        E       13        7
## 10230         S       31       SW      ESE       19        9
```

```
## 10231       S    35    WSW    WSW    13    13
## 10232     WSW    30     SW      S    13    11
## 10233     WSW    37     SW    WSW    24    15
## 10234     ENE    37     NW    NNE    15    26
## 10236       E    26     NW     NE     4    15
## 10237     SSW    43    NNW     NE     6    26
## 10242      SW    28      W     SW     9    15
## 10243     SSW    56     SW    SSW    28    30
## 10244       S    43    WSW      S    17    30
## 10245       W    28      W    ESE    13     6
## 10246      NE    30     NW     NW    13    15
## 10247     ENE    28    NNW      E    11     7
## 10248       S    37    WSW      S    17    20
## 10249      SW    37     SW      S    26    17
## 10250      SW    28      W      E     7    11
## 10251       S    19      W     SE     2    11
## 10252      SW    30     SW     SE    15     9
## 10253     ESE    17     SW     NE     6     7
## 10255     NNE    24     NW     NE    11    17
## 10256     SSW    54     SW      N     7     9
## 10257       W    33    WSW      E    13    13
## 10258      SW    37     SW     SW    19    22
## 10259       S    31    WSW      S    19    20
## 10260      SW    37     SW    SSW    17    19
## 10261      SW    28    WSW     SE    13    13
## 10262      SE    19      W      E     7    11
## 10263     ENE    19     SW    ENE     2    13
## 10264       S    28     SW      S     4    17
## 10265      SW    22     SW     NE    11    13
## 10266     NNW    26     NW     SE     9    13
## 10268       N    48    NNW      N    13    24
## 10269     NNW    41      N      N    28    17
## 10270      SW    30     NW    NNE     6    20
## 10271     SSW    33     SW      S    15    19
## 10272     SSW    52     SW    SSW    30    37
## 10273     SSW    44     SW    SSW    26    20
## 10274     WSW    39    WSW     SW    24    20
## 10276     SSW    28     SW      S    17    13
## 10277     WSW    17     NW      S     4    11
## 10278     WNW    17    WNW     NE     7     7
## 10279      NW    26    WNW    NNW     4     6
## 10280       W    43     NW     SW    11     9
## 10281      SW    67     SW    SSW    39    39
## 10282      SW    48     SW      S    31    28
## 10283     WSW    33     SW      S    20    20
## 10284      SW    33     SW      S    13    13
## 10285       S    41     SW      S    17    22
## 10286      SW    52    WSW    WSW    26    26
## 10287     SSE    54     SW     SW    30    20
## 10288       S    48     SW      S    22    19
## 10289      SW    37     SW      S    22    19
## 10290     NNE    30      N     NE     2    20
## 10292     NNW    37      W     SW     9    11
## 10293      SW    33     NW    SSE     6    13
```

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```
## 10294      NNE      46      NNW      SSE       4      11
## 10295      NNE      26      WSW       NE       6      15
## 10300      NNW      30      SSW        N       6      17
## 10301        S      46      WSW        S      20      20
## 10307      SSW      37       NW      WSW      11      13
## 10308       SW      33      WSW      SSE      17      15
## 10309       SW      41        W       SW      13      20
## 10313        S      31       SW      SSE      15      13
## 10314        S      22      WSW      SSE       7       7
## 10315        N      39       NW        N      11      17
## 10316        N      44        N      NNE      19      22
## 10321      SSW      30      WSW        S      11      19
## 10323       NW      20       NW       SW      11       7
## 10325       SW      61       SW      SSW      33      41
## 10327      SSW      69      SSW      SSW      31      39
## 10328      SSW      56      WSW      SSW      30      26
## 10329       SW      48       SW      SSW      28      24
## 10330      WSW      26      WSW      ESE      13      11
## 10335        S      41      SSW        S      19      22
## 10336        S      44       SW      SSW      22      22
## 10337       SW      31      WSW      SSE      13      17
## 10341       NE      31       NW       NE       7      22
## 10342        W      33      NNW      ESE      13      11
## 10343        S      26      SSW        E       6      11
## 10344      NNE      28      NNW       NE       6      15
## 10349       SW      46       SW        S      17      19
## 10350      ENE      24      NNW        E       6      13
## 10351      NNE      33       NW      NNE       9      24
## 10355      SSE      26        N      ESE       9      15
## 10363      SSE      37       SW       SE      20      13
## 10364        E      26      NNW        E       4      17
## 10365       NE      54      NNW      NNE      22      35
## 10369      WSW      37       SW       SE      26      15
## 10370        E      22       SW      ESE       7      15
## 10371      NNE      39      NNE       NE      11      28
## 10372       NE      54        N      NNE      11      39
## 10377       NE      39        N      ENE      11      24
## 10378       SE      30        N       NE       9      13
## 10379      NNE      46      ESE       NE      15      30
## 10383       NE      33      SSE       NE      13      24
## 10384      NNE      50      NNW       NE      15      30
## 10385      NNE      44       NE      NNE      17      31
## 10386      NNW      31       SE       SE       9      15
## 10392       SW      30      SSW       SE      19      17
## 10393        E      30      WSW      ENE      11      17
## 10397        S      33        S      ESE      24      15
## 10398      SSW      28        S       SE      17      15
## 10399      SSE      46      SSW      SSE      33      31
## 10400      ENE      37      ESE       NE      13      26
## 10405       SW      30       SW      ESE      20      15
## 10406       SW      43      WSW        S      19      30
## 10407       NE      59        N      NNE      26      43
## 10411        S      37      WSW      SSE      13      20
## 10412      ENE      33      WSW        E       7      24
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## 10413        NE      56      WNW      NE      17      41
## 10414       SSW      54       NW      NE      20      26
## 10419       SSW      76      SSW       S      26      28
## 10421         S      35       SW      SE      24      17
## 10425         S      48      SSW     SSE      31      30
## 10426       SSW      30      WSW      SE      15      17
## 10427         E      28        E     NNE       7      19
## 10428        NE      39        E     NNE       9      26
## 10433       NNE      52      NNW     NNE      20      39
## 10434       NNE      54        N     NNE      26      35
## 10435       NNE      65        N     NNE      30      46
## 10436       NNE      65        N     NNE      28      46
## 10439       SSE      41      WSW     SSE      20      26
## 10440        NE      33      WSW     ENE       6      22
## 10441        NE      54      NNE     NNE       9      33
## 10442        SW      41        S       E      17      15
## 10447       SSW      50      SSW     SSE      30      30
## 10448         S      63       SW       S      33      43
## 10453       NNE      61        N     NNE      24      35
## 10454       NNE      59        N     NNE      26      43
## 10455        NE      44        N     NNE      24      28
## 10456       SSW      50       SE     SSE       6      13
## 10464         E      30      WSW       E       9      17
## 10465       ESE      26        S       E      13      17
## 10466       NNE      63        N      NE      20      46
## 10467       NNE      59      NNW      NE      24      37
## 10472       SSW      57       SW     SSW      26      37
## 10473        SW      31      WSW     ESE      22       9
## 10474        NE      44      NNW      NE      20      30
## 10478        SW      35       SW      SW      20      13
## 10479       WSW      35      WSW     SSW      22      24
## 10480        NE      50      WNW      NE       6      33
## 10481        NE      33        N     ENE      15      17
## 10488       SSW      35       SW       S      15      17
## 10490         N      31        N     NNE       9      13
## 10492         E      41      ESE     ESE      19      22
## 10493       ESE      48      ESE     ESE      24      30
## 10494       ESE      39      ESE      SE      19      20
## 10495        SE      35        W       E      11      19
## 10500       ESE      28       SW     ESE      15      17
## 10501       ESE      31      WSW     SSE      19      11
## 10502        SW      30      WSW      SE      17      17
## 10506         S      65        S       S      15      44
## 10507       SSW      43       SW      SE      22      19
## 10508       ESE      31       NW      SE       9      17
## 10509       ENE      33      WSW     ESE      15       9
## 10515       ENE      30      WNW     ENE       7      17
## 10516       NNE      37       NW     NNE       6      20
## 10520       NNW      35      NNW      NW      19      13
## 10521       SSW      48      WSW       S      15      31
## 10522       WSW      28       SW       E      15      15
## 10523         S      70       SW       S       9      22
## 10528       SSE      30       SW      SE      15      15
## 10529       ENE      35       SW     SSE      17       9
```

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## 10530     ESE    31    WSW     S      13    17
## 10534      SW    26    WSW    SE      11    13
## 10537      SW    26     SW   ESE      17     9
## 10542      NE    37      N   ENE      11    26
## 10543      SE    20     NW    SE       9    13
## 10544      NE    24    SSW   ENE       2    15
## 10548      NE    31    NNW   NNE       7    24
## 10549      NE    22     NW   NNE       7    17
## 10550     NNE    33     SE    NE       7    24
## 10551     NNE    33     NW   NNE      13    26
## 10556       S    39     SW     S      22    22
## 10557     SSW    35     SW     E      20    20
## 10558     NNE    50     SW    SE      15    17
## 10562     WSW    24    WSW    SE      15    11
## 10563     NNW    35    WNW     N       2    17
## 10564       N    24     NW     S       9     9
## 10565       W    20    WSW   ENE      15     6
## 10570     SSE    22      W   SSE       7    11
## 10571     NNW    20     NW     N       9    11
## 10572       W    22     NW   NNW       7     9
## 10576      SW    35     SW     S      17    15
## 10577       S    56    WSW   SSW      13    19
## 10578      SW    31    WSW     E       9    19
## 10579     ENE    28    WNW   ENE       6    13
## 10584     SSW    67     SW   SSW      31    33
## 10585     SSW    41     SW   SSW      26    22
## 10586     WSW    20    WNW     E       7    13
## 10591     NNW    28     NW   WNW      11     6
## 10598     WSW    33    WNW   SSW       7    13
## 10599     WSW    31    WSW     S      13    17
## 10600     SSW    50    WSW    SW      24    31
## 10604      SW    31    WSW   SSW      17    19
## 10605      SW    28     SW     E      11     9
## 10606      SW    28     SW   WSW       9    13
## 10607      SW    69    WSW     W       7    13
## 10612       S    65     SW     S      28    39
## 10613      SW    52     SW    SW      31    35
## 10614      SW    30     SW   SSE      17    11
## 10618     SSW    31     SW     S      13    24
## 10619     SSE    22      W     S       7    13
## 10620     SSE    46     SW   SSW      24    19
## 10621      SW    33     SW    SW      11    15
## 10626      NE    24    NNW   NNE       2    17
## 10627       N    35    NNW   NNE      15    17
## 10628     NNE    41    NNE   NNE       6    31
## 10632      NE    24     NW    NE       6    15
## 10633       N    28    NNW     N       4    17
## 10634      SW    28     SW   ENE      15    13
## 10635      SW    63     SW   SSW      33    33
## 10640     WNW    22    WNW   ENE      15    11
## 10646      NE    30     NW    NE       7    17
## 10647      NE    30    WNW    NE       7    17
## 10648      NE    28      W   NNE       4    13
## 10649     WNW    33     NW   NNE      20    19
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## 10654      WSW      46      N        N        13      26
## 10655      SW       26      SW       E        19      13
## 10656      NNW      33      NW       NNE      9       13
## 10660      NE       30      W        NE       7       17
## 10661      N        30      NW       ENE      15      17
## 10662      SSW      44      WSW      SW       26      20
## 10663      WSW      37      WSW      SE       20      17
## 10668      ENE      22      SSW      E        2       15
## 10669      ENE      24      WSW      ENE      9       13
## 10670      SSW      35      WSW      S        2       20
## 10675      S        26      SW       SSE      17      15
## 10676      SSW      26      S        SE       13      15
## 10677      SSE      22      SW       ESE      13      15
## 10682      NNE      54      NNW      NNE      11      31
## 10683      NE       48      NNW      NE       26      28
## 10684      S        31      SSW      E        20      17
## 10688      SSW      39      S        SSE      22      22
## 10689      N        65      NNE      N        17      17
## 10690      NE       52      NNW      NNE      19      31
## 10691      NE       35      SW       NE       15      20
## 10696      NE       46      NNW      NE       28      35
## 10697      NNW      37      NW       NNE      13      22
## 10703      NNE      63      NNW      NE       26      39
## 10704      NNW      59      NNW      NNE      31      43
## 10705      SE       50      S        NE       19      24
## 10710      S        56      S        S        19      30
## 10711      SE       50      SW       SE       11      20
## 10712      NNE      39      WSW      NE       9       24
## 10716      NNE      41      NNE      NE       28      20
## 10717      WSW      61      WSW      SSE      31      28
## 10718      S        31      SSW      E        24      17
## 10719      NNE      63      NNW      NNE      19      39
## 10725      NE       56      NW       NE       22      41
## 10726      NE       61      NNE      NE       19      46
## 10731      NNE      61      NNW      NE       24      44
## 10732      NW       63      N        NE       13      28
## 10733      SSW      52      SSW      S        37      33
## 10739      S        48      SW       S        20      31
## 10740      SSE      28      SW       ESE      19      19
## 10745      SW       83      NW       NE       17      28
## 10747      NE       59      N        NE       20      39
## 10753      S        52      SW       SSE      19      17
## 10754      SSW      31      S        SE       24      17
## 10759      SSE      50      SSE      E        9       20
## 10760      S        57      SSW      S        31      37
## 10761      S        31      SW       SE       19      19
## 10773      NNE      61      NNE      NNE      22      43
## 10774      NNW      35      N        NNE      13      20
## 10775      NNW      37      S        SSE      9       11
## 10781      S        26      S        ESE      13      15
## 10782      ESE      26      SSE      ESE      13      17
## 10787      NNE      59      N        NE       26      43
## 10788      WSW      43      S        SSW      24      26
## 10789      SW       28      SW       S        19      15
```

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## 10795    NE     33    ESE    E      9     19
## 10796    NE     50    ESE    ENE    13    30
## 10801    NNW    31    SW     SSE    7     13
## 10802    SW     31    WSW    W      13    6
## 10803    SW     35    WSW    S      17    17
## 10809    SW     24    SSW    ESE    13    15
## 10810    ENE    33    SW     ENE    9     24
## 10816    NE     52    NE     NE     13    28
## 10829    ENE    31    SW     ESE    7     13
## 10830    NE     35    NW     E      13    19
## 10831    S      52    SW     SW     31    20
## 10837    NE     30    WSW    NE     9     20
## 10838    NE     35    WNW    NE     13    26
## 10843    SW     41    SW     S      20    20
## 10844    NNE    31    SSW    NE     4     19
## 10845    NNE    63    N      NNE    20    39
## 10850    SW     31    WSW    S      20    19
## 10851    E      26    WNW    E      9     15
## 10852    NNE    52    NNW    NNE    20    35
## 10857    ESE    31    ESE    SE     17    15
## 10858    S      30    SW     S      7     15
## 10865    SE     37    SW     SE     15    19
## 10866    NNE    28    NW     NE     6     17
## 10870    NNE    57    NNW    NE     19    39
## 10871    SSW    26    SW     SE     17    15
## 10872    NE     43    NW     NE     9     28
## 10879    SE     15    WSW    SE     7     9
## 10880    NE     39    SW     NE     9     13
## 10884    ESE    26    W      SE     9     17
## 10885    ESE    28    SW     SE     15    13
## 10886    E      28    WSW    ENE    2     19
## 10887    ENE    33    NW     ENE    13    24
## 10893    SSW    33    SW     S      20    20
## 10894    SE     22    SSW    ESE    11    13
## 10898    SSW    54    SW     SE     15    19
## 10899    S      43    SW     SSE    20    19
## 10900    S      43    SW     S      19    28
## 10901    SSW    48    SW     S      19    24
## 10906    E      24    WSW    E      4     11
## 10907    NE     37    N      NE     9     26
## 10908    NE     37    NNW    NE     9     26
## 10912    SSW    50    SW     S      20    35
## 10914    NNE    39    N      NE     6     26
## 10915    NNW    35    NW     WNW    19    9
## 12068    NW     54    N      WNW    15    28
## 12069    NNE    30    NNE    N      19    15
## 12070    ENE    46    ENE    ENE    22    22
## 12071    ENE    39    NE     ENE    20    20
## 12072    SE     35    ENE    S      19    11
## 12073    SSE    33    NNE    NE     24    9
## 12074    NNE    39    NNE    N      26    7
## 12075    ENE    46    NNE    ENE    24    9
## 12076    SSW    69    E      SE     26    7
## 12078    SW     76    NNE    NNE    24    13
```

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## 12079      ENE      41      NNE       NE      26      11
## 12080      ENE      43      ENE        E      19      15
## 12081       NE      39       NE       NE      24      11
## 12082      NNE      43      NNE      NNE      30      11
## 12083      WSW      48        N       NW      22      17
## 12084        E      57      SSE      WSW       9      24
## 12085      ENE      48       NE        E      24      11
## 12086       NE      52       NE        N      30      17
## 12087      NNE      44      NNE        N      30      11
## 12088      SSW      76       NE        N      28      11
## 12089      NNE      48       NE      NNE      26      31
## 12090       NE      22      NNE        N      13       9
## 12091      NNE      28        N      WNW      15      11
## 12092       SW      57      NNE      NNE      13      37
## 12093       SE      43       NE      ESE      22       9
## 12094      ENE      44        E        E      20      13
## 12095       NE      41      ENE      ESE      13      15
## 12096        E      61        E      ENE      17      13
## 12097       NE      48      ENE      NNE      24      20
## 12098        E      44      ENE        E      19      17
## 12099      ENE      48       NE      ESE      17      17
## 12100       NE      33        E       NE      22       9
## 12101      ENE      52      NNE      ESE      17      15
## 12102      NNE      37       NE      ESE      24       7
## 12103      NNE      35      NNE      SSE      17      17
## 12104      NNE      33        N      SSE      17      13
## 12105      ENE      44       NE      ENE      20      15
## 12106        N      30        N       NE      19       7
## 12107        W      31      ENE        W      11       9
## 12108        N      59      NNE      NNW      28      22
## 12109      WSW      48      WSW      WSW      11      24
## 12110       NE      54        E        N      26      11
## 12111        E      69        E        E      30      39
## 12112        E      56       SE      ESE      24      39
## 12113       SE      37        E      WSW      15      13
## 12114      ESE      57        E      ESE      13      39
## 12115        E      35      ESE        E      24       4
## 12116       SW      52       NE        N      13       7
## 12117        W      28       NE      WSW      13      15
## 12118        E      33        N       NW      11       9
## 12119      SSW      48       NE      ENE      13       9
## 12120      ENE      41      ENE      ENE      20       9
## 12121      ENE      33        E        N      17       9
## 12122      NNE      30      NNE      NNE      15      13
## 12123      SSE      46        N       NW      15       7
## 12124        E      31        E       SE      24      11
## 12125        E      37        E       NW      19      11
## 12126        N      39        N       NW      26      15
## 12128      SSW      28      ENE      WSW      13       9
## 12129        N      33        E        N      20       9
## 12130      WSW      59      NNE      NNW      31       9
## 12131       SW      57      SSW       SW      26      28
## 12132      WSW      31        S      WSW       4      15
## 12133      ENE      28      ENE        N      17       9
```

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## 12134      ENE       43        NE       ENE       20        9
## 12135      ENE       50       ESE       ESE       19       20
## 12136        E        52        SE        E        22       19
## 12137      ENE       48       ESE        E        22       11
## 12138        E        41       ENE        E        24       11
## 12139      NNE       30       ENE       NNW       19       11
## 12140        N        37        N        NNE       15       11
## 12141      NNE       43       NNE       NNW       30       13
## 12142       SW        50        SW        SW       20       30
## 12143       SW        39        SW        SW       11       22
## 12144      NNE       37       ENE       NNE       19       13
## 12145      NNE       31       ENE       WSW       15       11
## 12146      SSE       35       ENE        NE       15        9
## 12147      ESE       52        E         SE       15       11
## 12148        E        28        E         S        15        9
## 12149      ENE       35       ENE       ENE       13       11
## 12150      NNE       37        NE        W        19        9
## 12151      NNE       35        N         N        24        6
## 12152      NNE       35       NNE        S        20        7
## 12153       SW        46        NE       SSW       20       19
## 12154       NE        44       ESE       ESE       13       13
## 12155        E        39        E        SSE       11       17
## 12156      ESE       43        SE       SSW       19        6
## 12157      SSW       48        S        SSW       22       35
## 12158      SSE       41       ESE        SE       13       11
## 12159      ESE       44        NE        E        17       19
## 12160        E        35       ESE        NE       19       13
## 12161      SSE       54       ENE        E        13       20
## 12162      SSW       33        E        SSE       11       17
## 12163      WSW       30        NE        SW        6        13
## 12164       NE        35       ENE       SSE       22        9
## 12165       SE        35        E        ESE       24        9
## 12166       SE        33        E        ESE       13       15
## 12167       NE        41        NE       NNE       24       15
## 12168      NNE       33       ENE       NNE       17       20
## 12169       SW        35        E        SSE       17       17
## 12170      ESE       30        E         SE       15       17
## 12171       SW        30        NE        SW       11       19
## 12172       SW        39        SW        SW        2        22
## 12173      WSW       30       ENE        SW       15       13
## 12174        W        50        NE        SW       17       17
## 12175      SSW       39        E         SW       17       17
## 12176        S        46       SSE        SE       15       24
## 12177      SSE       41        S        SSE       15       24
## 12178       SE        37       SSW        SE        9        24
## 12179        S        33       ESE        S        15        7
## 12180        E        31        E         E        24       11
## 12181      WNW       54       NNE       NNW       24       22
## 12182      WNW       43        W        WNW       19       24
## 12183      WSW       50        W         W        31       24
## 12184      WSW       48       SSW       WNW       13       20
## 12185      WSW       39        N         SW        6        24
## 12186      WSW       35        NE        W        13       20
## 12187       SW        37        SW        SW       11       24
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## 12188      N     30    ENE    NNE    15    11
## 12189    ENE     26    ENE     SW    13     9
## 12190      E     31      E    NNW    20     7
## 12191    WSW     33      E     SW    11    24
## 12192      E     30      E     SE    17     9
## 12193      E     33      E      S    17     9
## 12194      W     28    ENE    WNW    13    15
## 12195    ENE     22    ESE      E     4    11
## 12196      E     28    ENE     SW    15    11
## 12197    SSE     33    ESE     SE    13    17
## 12198      E     28      E     SE    17     6
## 12200    SSW     35    ENE     SW     9    17
## 12201    WSW     48     NE     SW     9    28
## 12204     SW     37      S    WSW     9    19
## 12205    ENE     41      E    ENE    26    20
## 12206      E     37      E      S    28    11
## 12207    ESE     37      E     SE    13    17
## 12208    ESE     41      S    ESE    11    20
## 12209    ESE     44    ESE    ESE    31     2
## 12210     SE     39     SE    ESE    19    24
## 12211      E     37      E    ENE    11    17
## 12212      E     30      E    ENE    17     7
## 12214      N     28    ENE     NW    13    11
## 12215      W     28    ENE    NNW    11     7
## 12216    SSW     28     SW     SW     2    19
## 12217    ESE     31      E      S     7     9
## 12218      E     31      E      E     9    17
## 12219    ENE     28    ENE    SSE    17     9
## 12220     NE     31    ENE    NNE    11    19
## 12221    NNE     33    ENE      N    13    15
## 12222     NW     30     NE      W    17    17
## 12224      E     26    ENE    NNW    17     9
## 12225      W     43    WNW      W    22    30
## 12226    WNW     43    WNW    WSW    17    22
## 12227    WNW     48    WNW      W    17    31
## 12228     SW     48     SW    WSW    24    31
## 12229     SW     35    SSW    SSW    15    24
## 12230     SW     19      E     NW     9     7
## 12231    NNE     35    NNE      N    26    17
## 12232     NE     33     NE    NNW    17    15
## 12233    WNW     30    NNE      W    11    20
## 12234     SW     33     SE     SW     6    15
## 12235     SE     30     SE    ENE     6     7
## 12236      E     37    ESE     SE     6    19
## 12237    ENE     39      E    ESE     9    19
## 12238    ENE     33    ESE    NNE     7    19
## 12239    NNE     35      E    NNW    13    11
## 12240    ENE     22     NE      S    13     2
## 12241    ENE     26      E      S    15     6
## 12242    ENE     20     NE     NW    15    13
## 12243     NE     19     NE    NNE     9     2
## 12245    WSW     35      N    WSW    11    24
## 12246    WSW     39    WSW    WSW    13    24
## 12248    NNE     39     NE      N    13    26
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## 12249      W    41    N      W    13   33
## 12250    WSW    39   WSW     W    11   24
## 12251     SW    56   WSW    WSW   30   39
## 12252    WSW    50    SW     SW   17   28
## 12253     SW    37    S     SSW    9   20
## 12254      N    35   ENE     N    11   17
## 12256    ESE    35   ESE     SE   11   15
## 12257     SE    28    S      SE    2   11
## 12258     SE    35    S      SE   13   19
## 12259      E    26    E      NE   19    4
## 12260      N    30   NNE     N    20   17
## 12261    WSW    39   WNW     SW   15   26
## 12262    WNW    28    N     WNW   15   17
## 12263      W    44    NE    WSW   13   13
## 12264     SW    50   WSW    SSW   17   19
## 12265     SW    30    W      SW   17   15
## 12266    NNW    28   ENE    NNW   13   15
## 12267    WSW    26   ENE     SW   13   11
## 12268    ENE    35    E     NNE   13   17
## 12269    NNW    39    N     NNW   28   17
## 12270    NNE    39   NNE     NW   24    9
## 12271      W    39    SW    WSW   13   28
## 12272      S    31    S     ESE    6   19
## 12273      E    30    E      N    15   11
## 12274    NNE    41   NNE     N    22   17
## 12275     SW    41    SW     SW   22   24
## 12276      S    33    S     SSW   13   22
## 12277    SSW    37   SSW     SW    9   20
## 12280    WSW    33    E      SW    7   20
## 12281     NE    17    NE     NW   11    6
## 12282    SSW    31   ENE    WSW    7   17
## 12283    WSW    26   ENE     W    13   11
## 12284    ENE    20   ESE    WSW    7   15
## 12285    NNE    28   ENE     NW   11   13
## 12286    SSW    43   NNE     W    20   17
## 12287    SSW    41    SW     SW    9   15
## 12288    NNE    33   NNE    NNW   19   11
## 12289    NNE    41    N      N    20   17
## 12290    NNE    56   NNE    NNW   37   31
## 12291    NNE    26   NNE    NNE   11    7
## 12292    WSW    41   ENE     W     7   26
## 12294    WSW    26   ENE     W    13   11
## 12295    NNE    39    NE    NNE   20   24
## 12296    WSW    44    N     WSW   17   28
## 12297    SSE    31    SE    WNW   13    9
## 12298    NNE    31   ENE     N    11    9
## 12299    ENE    31   NNE     NE   19    7
## 12300    NNW    46   NNE    NNW   24   26
## 12301    ENE    28    W     WSW    9   13
## 12302    WNW    33   ENE    WNW   17   20
## 12303     NW    65   NNW    WSW   26   22
## 12304    WSW    41   WSW    WNW   31   17
## 12305    SSW    31   SSW     W    19   17
## 12306    NNE    22    E      SW   11    4
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## 12307       ENE      28      ENE      NNE        7      13
## 12308         W      83      NNE      WNW       19      30
## 12309        SW      37       SW      WNW       13      13
## 12310        SW      41        S       SW       15      19
## 12312       NNE      35      NNE       NE       22      19
## 12313        NE      52       NE      NNE       31      20
## 12314       ENE      46       NE        N       15      15
## 12315        SW      31       NW      WSW       13      20
## 12316       NNW      31       NE        N       20      17
## 12317       NNE      48      NNE      NNW       33       9
## 12318       WNW      37        W      WSW       11      26
## 12319         W      37        W        W        9      20
## 12320       WNW      31      NNW        W       13      20
## 12321         S      22      ENE      WNW       11      13
## 12322       ENE      31       NE       NE       19      11
## 12323         N      46      NNE        N       28      19
## 12324        NE      31      NNE        N       22       7
## 12325         N      37      NNE      NNW       24      17
## 12326       NNE      39      NNE        N       26      24
## 12327       NNE      48      NNE      NNE       33      28
## 12328       WSW      35      NNW        W       13      20
## 12329       WSW      37       NE        W        2      22
## 12330         W      30        E      WNW       15       9
## 12331       ENE      48       NE      SSW       20      20
## 12332         E      48       NE        E       30      13
## 12333       WNW      63      WNW        W       30      33
## 12334       WSW      41      SSW        W       22      24
## 12335        NW      31      NNE        N       15      17
## 12336         W      56      WSW      WSW       31      35
## 12337       WSW      57       SW        W       33      30
## 12338       WSW      43       SW      WSW       22      26
## 12339         W      30        S       SW        2      20
## 12340       NNW      30       NE       NE       17      11
## 12341       NNE      41      NNE      NNE       26      13
## 12342       WNW      70      NNE       NW       30      50
## 12343         W      37       SW      WSW       17      20
## 12345       WSW      31      NNW      WSW        9      13
## 12346        SW      35        E      WSW        7      19
## 12347         W      54      SSW      WSW       24      33
## 12348       WSW      44      SSW      WSW       24      17
## 12349       SSW      37      ESE      SSW       20      19
## 12350       ENE      35        E      SSW       22       9
## 12351       NNE      54      NNE       NE       26      31
## 12352       WSW      48      NNE        N       33      20
## 12353        NW      57      WSW        W       20      35
## 12354       WNW      61        W        W       28      39
## 12355         W      54      WSW        W        6      26
## 12356       WSW      67      WSW      WSW       24      30
## 12357       SSE      44        S      WSW       17      19
## 12358        NE      35       NE        W       24      15
## 12359       NNE      35      NNE       SW       24      11
## 12360       NNE      43      NNE      ENE       31      11
## 12361       NNE      39        N        E       24       9
## 12362       NNE      41        N        W       31      11
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## 12363    SW   57    N      N     28   17
## 12364    SW   57    N      SW    17   24
## 12365   SSW   76   ENE     W      7   24
## 12366   SSW   41    S      SW    22   19
## 12367   ENE   52   ENE     E     28   30
## 12368   ENE   41    E     ENE    17   15
## 12369   ENE   35   NE      N     17    9
## 12370   NNE   37   NNE    NNE    28   13
## 12371   SSE   31   NNE    ESE    15   13
## 12372    NE   33   NE      S     24   17
## 12373   ENE   33   NNE     SE    24   17
## 12374    NW   39    N     WNW    19   26
## 12375   WSW   44   NNW     W     13   28
## 12376    SW   44   SE     SSW     9   28
## 12377     E   52   ENE     NE    13   13
## 12378     E   39   ENE     E     20   28
## 12379   ENE   41   ENE     E     17   20
## 12380     S   59    E      S     24   11
## 12381   ENE   30    E     SSE    15   11
## 12382   SSW   39    N      SE    19   11
## 12383   SSW   37   NNE    SSW    24   20
## 12384     S   65   NNE     SW    17    7
## 12385   NNE   35   NE     SSE    28   11
## 12386    NE   30   NNE     S     19   13
## 12387   WSW   91   NNE    WSW    19   24
## 12388   WSW   50   WNW     SW    26   26
## 12389    SW   46    N     SSW    22   24
## 12390    NE   44   NE      E     28   11
## 12391   NNE   44   NNE    NNE    26    4
## 12392   NNE   50   NNE    NNE    24   19
## 12393   NNE   46   NNE    WNW    31   24
## 12394    SW   50    N      NE    20    9
## 12395   NNE   48   NE      NE    30   20
## 12396   NNE   48   NNE    ENE    24   24
## 12397   NNE   52   NNE     N     31   26
## 12398    NW   43   NNW     NW    28   20
## 12399    NW   52    N      W     15   15
## 12400    NW   52   WSW    WNW    28   33
## 12401   SSW   48   SW     SSW    17   22
## 12402   ESE   44    E      SW     9   24
## 12403    SE   35    E      S     19   11
## 12404   ENE   35   ENE     W     17   13
## 12405   NNE   48    N     NNW    30   17
## 12406   WSW   59    N     WNW    33   37
## 12407     W   37    E      W      9   19
## 12408   NNE   43   NNE    NNW    28   19
## 12409   WNW   69    N      NW    26   39
## 12410   WSW   41   SW     WSW     9   20
## 12412    SW   59   SW      SW    17   28
## 12413   WSW   35    E      SW    13   20
## 12414    SW   31    E     WNW    13    9
## 12415    NE   52   NE     SSE    30   11
## 12416   ENE   52    N     NNW    30   11
## 12417   NNE   54   NNE     N     30    9
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## 12418      NNE      50      NNE        N      31      19
## 12419      SSW      74        N      NNW      26      19
## 12420        N      35        W        W       9      15
## 12421       NE      46      NNE       NE      19      19
## 12422      NNW      48      NNE      ENE      20      11
## 12423      ESE      61      ESE       NE      33      20
## 12424       NE      43       NE      ENE      17      13
## 12425      NNE      43       NE      NNE      31      19
## 12426       NE      56      NNE      NNE      31      30
## 12427       NE      44       NE        N      33       9
## 12428        N      57      NNE        N      26       9
## 12429      SSW      52       NE      NNE      20       2
## 12430      ENE      30      ESE       SE      11      17
## 12431      NNE      37      ENE      ENE      11      24
## 12432       NE      35        E        N      15      15
## 12433       NE      33       NE       NE      20      19
## 12434        N      33        N        N      17      17
## 12436        E      48        E        N      20      13
## 12437       NE      26      ENE        S      15      13
## 12438      SSE      37        N       SE      15      13
## 12439      SSE      76       NE      WNW      22      20
## 12441       NE      30        E      NNE      13      11
## 12442      SSW      31        N       SE      17      15
## 12443      NNE      26      NNE       NW      17       9
## 12444      NNE      31        N      NNE      24      13
## 12445      SSW      74      NNE      ESE      26      20
## 12447      ENE      52       NE      NNE      26       9
## 12448       SW      59      NNE      WNW      28      15
## 12449      SSW      59        N        W      17      19
## 12450       SW      56        S       SW      19      30
## 12451       SW      54      SSW       SW      17      26
## 12452       SW      35      NNE      WSW       7       6
## 12453      NNE      22      NNE      NNE      13      13
## 12454      NNE      43      NNE      NNE      26      22
## 12455      NNE      37      NNE      ENE      26      13
## 12456        N      37      NNE        N      24      15
## 12457      NNE      41      NNE      NNE      28      19
## 12458        N      33      NNE      NNE      24      11
## 12459        S      52      NNE      ENE      20      13
## 12463       NE      54        E       NE      19      19
## 12464      ESE      54      ESE      ESE      26      35
## 12465      ENE      61        E        E      41      33
## 12466      ENE      52        E      ENE      20      26
## 12467      ENE      50      ENE      NNE      22      24
## 12470      NNE      33        E      ENE      15      20
## 12471      ENE      33        E      NNE      17      13
## 12472       NE      44        E      ENE      19      13
## 12473       NE      33      NNE        S      11      13
## 12475      NNW      41        N       NW      26      15
## 12477      WSW      59        N        N      33      19
## 12478      NNW      31        N      SSW      11      15
## 12479      SSW      41        S      WSW       7      13
## 12480        S      37        E      SSW      17      13
## 12481      ENE      46      ENE      SSW      15      19
```

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## 12482   ENE   41   ENE    SE    17   13
## 12483    NE   39     E   NNE    20    9
## 12484    NE   31   NNE     N    22    7
## 12485   NNE   37   NNE   NNW    28   17
## 12486    SW   67     N   WSW    17   43
## 12490    NE   33     E   ENE     4   15
## 12491   NNE   39     E   ENE    17   11
## 12492     E   30   ESE   ESE    11   19
## 12493   ESE   37    SE   ESE    19   15
## 12494     E   54    SE   ENE    17   30
## 12495   NNE   41     E   ENE    24   24
## 12496   ENE   41     W   ENE    13   20
## 12497    NE   39    NE    NE    19   24
## 12498    NE   48   ENE     N    22   24
## 12499   WSW   46   NNE     N    28   17
## 12500     W   31     S    NW     9   19
## 12501   SSW   43     S    SW    17   26
## 12502   ESE   48     E    SE    17   15
## 12503   ESE   41    SE   ESE    20   13
## 12504   ENE   48   ESE    SE    15   19
## 12505     E   33    SE   ESE    13   20
## 12506   SSW   43   ESE     E    15    7
## 12507     S   35     E     S    19   20
## 12508    NE   46    SE   ENE     9   13
## 12509     E   35     E    SE    22   13
## 12510    NE   28     E   ESE    15   13
## 12511   NNE   33    NE   SSE     9    7
## 12512   ENE   30   ENE   SSW    17   13
## 12513    SE   33   NNE   ESE    19   13
## 12514     W   43    NE     W    24   19
## 12515    NE   39   ENE   NNE    20    9
## 12516   NNE   39   NNE   NNE    26   13
## 12517   NNE   30   NNE   SSW    19   11
## 12518   NNE   28   NNE    NE    20   11
## 12519    NE   37    NE     N    24   15
## 12520   NNE   41    NE   NNW    24   15
## 12521   SSW   48   NNE   SSW    28   28
## 12522    SW   31   WSW    SW    11   17
## 12523   SSW   39    SE    SW     7   22
## 12524   ENE   24     E    SW    13    7
## 12526     E   30   ENE   SSE    17   13
## 12527    NE   33    NE   NNE    24   11
## 12528   NNE   48   NNE     N    28   15
## 12529   NNE   41   NNE   ESE    31   17
## 12530   SSW   35     N    SW    17   22
## 12531    SW   30    SE   WSW     6   15
## 12532   WSW   41     N   WSW     9   26
## 12533     W   35   NNE    SW     6   19
## 12534   WSW   39     S    SW    20   24
## 12535   SSW   31     S   SSW     9    9
## 12536    NE   26   NNE   SSE    15    7
## 12537   NNE   28   NNE    SE    19   11
## 12538   ENE   33     E   ESE    22    7
## 12539     E   31   ESE     E    19   17
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## 12540      NE     33     E     ENE     20     11
## 12541      E      37     E      SE     26      7
## 12542     ENE     37    ESE     E      24     15
## 12543      N      35     E      SE     24     11
## 12544     ENE     30    ENE    ESE     13     11
## 12545      NE     24    NNE     SW     15      9
## 12546     NNW     31     N      N      22     22
## 12547      SW     59    NNW     SW     15     33
## 12548     SSE     33    SSE    SSW     17     19
## 12549     NNE     33     NE     N      20     15
## 12550      SW     28     E     WSW     13     19
## 12552     SSW     31     S     WSW     17     13
## 12553      N      30    ENE     N      19     11
## 12554      N      31     NE    ENE     15     13
## 12555      E      35    ENE     SE     15      9
## 12556     ESE     30    ENE    SSE     17     19
## 12557     WSW     48    NNW     SW     13     30
## 12558      SW     44    SSW    SSW     11     28
## 12559     WSW     24     NE    WSW      9      9
## 12560      NE     19    ENE    NNW      7      7
## 12561     ENE     28    ENE     S      15      6
## 12562      E      28     NE     N      17      6
## 12563     WNW     35     N      SW     15     17
## 12564     SSW     52    SSW     SW     41     33
## 12566      SW     35    SSW     SW      6     17
## 12567      SW     28    ENE    SSW      9     15
## 12568      E      28     E     NNE     19     13
## 12569     ENE     26    WSW    ESE      7     17
## 12570      S      43     E      S       9     28
## 12571     SSE     31     S     SSW      4     15
## 12572      NW     30    ENE    NNW     13     15
## 12573     SSW     26    ENE    SSW     11     15
## 12574      S      30     SE     SW      9     15
## 12575      NE     31     E      E      20      6
## 12576     NNE     35     NE    NNW     19     11
## 12577     NNE     44     N      N      22     15
## 12578      W      43     W     WSW     22     30
## 12579     WSW     26     S     SSW      9      9
## 12580      NE     37    ENE     NE     11     24
## 12581      N      50    NNW    WNW     26     30
## 12582     WSW     41     NW     NW     19     20
## 12583      NW     26     NW     SW     13      7
## 12584      W      17     NE     NW      9      4
## 12585      S      28    ENE    SSW     11      2
## 12586      S      26     SW     S       7     15
## 12587     SSW     39     SW    SSW     13     31
## 12588      SW     44    SSW     SW     19     26
## 12589     WSW     50    WSW    WSW     26     33
## 12590      SW     31     S      SW      6     19
## 12591     NNW     28    ENE    NNW     11     13
## 12592     WNW     41     N     WSW     13     31
## 12593      SW     41     SW     SW     26     28
## 12594      SW     33     SW     SW      9     22
## 12595      SW     50     SW     SW     20     24
```

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## 12596       E      20    E      SE      9     9
## 12598       E      37    E      SE     17    15
## 12599       E      28    E       E     20     7
## 12600       N      39  NNE     WNW     19    20
## 12602      SW      43    S     WSW      6    30
## 12603     WSW      33    W     WSW      9    19
## 12604     ESE      19   NE      SW     11     4
## 12605       E      31    E       E     15    15
## 12606      NE      39    E       E      7    11
## 12607     ENE      31    E      NE     15    15
## 12608     NNE      39   NE     NNE     20    19
## 12609     SSW      35   NW      NE      4     9
## 12610     WSW      35   SW      SW     20    24
## 12611     WNW      28   NE      SW     11    13
## 12612     SSW      24    E     SSW      9     9
## 12613     SSW      35   SE     SSW      9    15
## 12614       S      22  ESE       S      7     9
## 12615     ESE      19  ESE     ENE      4     9
## 12616     WSW      33   SW     WSW     20    24
## 12617       E      22    E       N     13    11
## 12618     NNE      37  ENE     NNE     17    19
## 12619       W      35  NNW       W     15    28
## 12620      SW      24  WSW     WSW     11    11
## 12621      SE      17    S      SW      4    11
## 12622      SE      26  ESE     SSE     15    13
## 12623      NE      39    E     NNE     20    24
## 12624       N      39   NE       N     17    13
## 12625       N      35    N     NNW     22    13
## 12626     NNE      46  NNE     NNE     24    22
## 12627     NNW      74   NW       W     17    26
## 12628     SSW      41  WSW      SW     24    28
## 12629      SW      19  SSW     WSW      6    11
## 12630     ENE      26    E       N     19     6
## 12631       N      37   NE     NNW     19    20
## 12632     WSW      41  NNE       E      9     9
## 12633     WSW      31   SW      SW     17    20
## 12634     WSW      26  WSW     WSW      7    15
## 12635     SSW      35    S       S     11    19
## 12636       E      22   SE       E      6     7
## 12637       E      28    E      SE     19     9
## 12638       N      26   NE     SSW     11     7
## 12639     SSW      28    E       S     13    15
## 12640       E      33  ENE       E     24     7
## 12641      NE      41  ENE       N     17    22
## 12642      NE      37   NE     NNE     28    15
## 12643     SSW      50   NE     NNE     15    17
## 12644     WSW      41   NW     WSW      6    19
## 12646     WSW      48   SW     WSW     22    33
## 12647      SW      41   SW     SSW     28    19
## 12649     WSW      31    N      SW     11    15
## 12650      SW      41   SW      SW     19    28
## 12651      SW      20    S     SSW      4     9
## 12652     ENE      28   NE      NE     13     7
## 12653      NE      48  NNE      NE     26    28
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```
## 12654        NE      56      NE      NNE     37      17
## 12655        NW      37      WNW     WNW     17      26
## 12657        SW      35      SW      SW      24      17
## 12658        NNE     37      NNE     NNE     15      22
## 12659        WNW     59      WNW     W       22      35
## 12660        WSW     39      SW      W        2      22
## 12661         S      26      E       SSE      7       7
## 12662        NNE     50      NNE     NNE     31      31
## 12663        NNE     41      ENE     ENE     11      11
## 12664        WSW     37      SW      WSW     19      20
## 12665        WSW     35      SSW     WSW     13      24
## 12666         E      26      E       SSE     13       7
## 12667        NNE     56      NNE     NNW     31      15
## 12668        SW      30      SW      SSW     22      15
## 12669         W      35      W       W       22      20
## 12670        NW      54      NW      WNW     19      33
## 12671        WSW     37      WNW     WSW     20      19
## 12672        WSW     33      SW      SW       9      15
## 12673        NE      31      ENE     NNE     15      13
## 12674        NW      28      NNE     S       17       9
## 12675        NNE     33      NNE     N       22      13
## 12676         N      39      N       NNW     24      17
## 12677        NNW     33      N       NNW     20      20
## 12678        WNW     39      ENE     NE      15      17
## 12679         N      63      NNE     N       33      15
## 12680         W      31      SW      WSW     20      19
## 12681        WSW     30      S       WSW      4      13
## 12682        SW      26      E       SSW      6      15
## 12683         E      28      E       SSW     17       9
## 12684        NNE     39      NNE     NW      28       7
## 12685        WSW     50      W       W       11      35
## 12687         E      28      NE      NE      13      13
## 12688         E      26      E       SW      19       9
## 12689        NW      39      NE      NNW     20      19
## 12690        SW      50      SW      SSW     28      24
## 12691        SW      39      SW      SW      17      20
## 12692         S      43      S       WSW     28      19
## 12693        SW      30      ENE     WSW      9      17
## 12694         S      19      NE      NNE      9       9
## 12695         E      19      E       E       13       7
## 12696         E      19      NE      SW      11       9
## 12697         N      31      NE      N       19      22
## 12698        NE      31      NE      NE      22      22
## 12700        NNE     30      NNE     NNW     11      11
## 12701         E      26      NE      W       11       4
## 12702        WSW     69      N       ESE     26       9
## 12703        SSW     30      NNE     SW      11      15
## 12704        SW      43      SSW     SW      24      24
## 12705        SSW     28      S       S       13      13
## 12706        NE      39      ENE     NE      20      15
## 12707         E      31      E       E       22      19
## 12708        ENE     28      ENE     S        9       9
## 12709         E      28      ESE     S       17      11
## 12710        ESE     31      ESE     SW       9      13
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## 12711    ESE    30      E    ENE    17     7
## 12712     SW    48    NNW     SW     9    37
## 12713     SW    28    SSW     NW     9    15
## 12714      E    39      E    ESE    20    19
## 12715    ESE    41    ESE    ESE    20    24
## 12716    ENE    50    ESE      E    24    33
## 12717     NE    35      E     NE    20    19
## 12718    NNE    41    NNE     NE    24    20
## 12719    NNE    35    NNE    ENE    24    17
## 12720    NNE    67    NNE    NNE    31    33
## 12721    WSW    54    WSW    WSW    33    33
## 12722     SW    39    SSW     SW    15    24
## 12723    SSW    33      E     SW     6    13
## 12724    WSW    22      N      S     2    13
## 12725    NNE    37    ENE      N    15    11
## 12726     NE    35     NE     NW     9    13
## 12727    SSE    41    NNE     NW    19    13
## 12728      E    26    NNE    WSW    17    11
## 12729     SW    44    SSW      E    13     9
## 12730      W    30    ESE    WNW     7    17
## 12731      E    26     NE     SE    11     9
## 12732     SW    31     NE     NW    15    17
## 12733    ENE    33    ENE      W    17    11
## 12734      N    41    NNE    NNE    24    17
## 12735    NNE    48    NNE    NNW    28    24
## 12736    NNW    35    NNE    WNW    20    22
## 12737     SW    30     SW     SW    11    11
## 12738    WSW    46    SSW     SW    24    31
## 12739    SSW    33      S    WSW    11    13
## 12740    ENE    28    ENE     SE    13    20
## 12741      W    67      E      W    13    28
## 12742     NW    37    ENE     NE     9    13
## 12743    NNE    46     NE      N    28    19
## 12744     NE    48     NE      N    22    22
## 12745     NE    44    ENE     NE    17    11
## 12746     NE    39    NNE      N    24    11
## 12748     NW    48     NE     NE    26    22
## 12749     NE    48    NNE    NNE    35    22
## 12750     NE    43    NNE    NNE    30    19
## 12751    NNE    44      N      N    30    13
## 12752    WSW    37    SSW    WNW     9    11
## 12753    SSW    26     NW      S     7    11
## 12754    ESE    28     NE    NNE    13    19
## 12755    ESE    48     SW      S    11    11
## 12756    ESE    33      E    ENE    20    13
## 12757    ENE    31      E    NNW    24    13
## 12758    ENE    46      E      E    30    20
## 12759    ENE    48      E    ENE    26    30
## 12760     NE    43    ENE    ENE    22    20
## 12761    ENE    43     NE      E    30    13
## 12762    ENE    35    ENE    ESE    19    19
## 12763     NE    48    NNE    NNE    31    24
## 12764    NNE    54    NNE    NNE    30    28
## 12765    NNW    48    NNE    NNW    28    22
```

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## 12766          NNE          50          NE          NE          30          19
## 12767          NE           39          ENE         NNE         15          15
## 12768          ENE          44          NE          NE          31          22
## 12769          NE           44          NE          N           24          24
## 12770          ENE          35          ENE         ENE         17          22
## 12771          NNE          37          NE          NE          13          13
## 12772          ESE          48          ENE         E           19          13
## 12773          ENE          48          NE          NNE         19          19
## 12774          NE           50          NE          NNE         31          24
## 12775          NNE          44          NNE         N           31          26
## 12776          WNW          48          N           SW          26          15
## 12777          SSE          17          SW          WSW         7           9
## 12778          W            31          NE          WNW         9           15
## 12779          WSW          61          ENE         WSW         11          20
## 12780          W            41          ENE         NNW         15          7
## 12781          NNE          37          NNE         WSW         28          9
## 12782          N            54          E           S           28          6
## 12783          SW           50          N           SW          19          35
## 12784          SSW          39          SSW         SSW         13          20
## 12785          NNE          31          N           NNW         13          17
## 12786          SW           56          SW          SW          35          28
## 12787          S            39          SSE         S           11          19
## 12788          NE           35          ENE         NE          17          9
## 12789          E            31          E           ENE         13          15
## 12790          E            48          ESE         E           26          15
## 12793          SSW          54          SW          SSW         6           20
## 12794          NE           44          E           E           22          19
## 12795          ENE          31          E           S           17          17
## 12796          ENE          37          N           SSW         13          24
## 12797          SSE          35          N           ESE         17          15
## 12798          NE           37          NNE         ESE         26          11
## 12799          NNE          50          NNE         NW          19          9
## 12800          SE           70          NNW         ESE         17          9
## 12801          E            31          E           ENE         11          9
## 12802          NE           43          N           SW          22          19
## 12803          ESE          48          SSW         SE          20          28
## 12804          NE           50          E           ESE         35          22
## 12805          NE           33          E           ENE         17          20
## 12806          E            48          E           ENE         19          26
## 12807          ESE          57          ESE         ESE         20          35
## 12808          ENE          59          E           ENE         24          35
## 12809          NNE          50          ENE         ENE         22          19
## 12810          NNE          46          NE          ENE         31          28
## 12814          SSW          44          NNE         SSW         13          22
## 12815          WSW          44          S           W           6           22
## 12816          NNE          54          NNE         WSW         22          22
## 12817          NE           46          NE          N           20          11
## 12818          ENE          35          E           E           20          13
## 12819          SE           37          N           S           15          9
## 12820          E            39          NE          SW          17          9
## 12821          N            39          NNE         N           26          15
## 12822          N            39          N           N           19          13
## 12823          NE           31          NNE         ENE         20          11
## 12824          WSW          81          NNE         NW          20          15
```

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```
## 12825      NE    59    E      S      9    11
## 12826       E    37    E      E     26    20
## 12827     NNE    37    E     NE     22    19
## 12828     NNE    33   NNE     E     19     9
## 12829       N    50    NE    NNW    28    19
## 12830      NE    46   NNE     N     31    20
## 12831     NNE    41   NNE     N     24    17
## 12832      NE    46    N     NE     26    15
## 12833     NNE    44   NNE    NNE    30    20
## 12834       N    39    N      N     26    17
## 12835      NE    59    E     ENE    22    19
## 12836      NE    48   ENE    NNW    13    13
## 12837      NE    35    E     SSE    22    11
## 12838      NE    33    E     SE     17    13
## 12839      NE    33   NNE    SSW    22     7
## 12841      SW    69   NNE     N     24     9
## 12843     SSE    39   ESE    SE      7     7
## 12844      NE    43   ENE     N     17    13
## 12845     NNE    31   ENE     N     17     7
## 12846       E    37   NNE    ENE    28    13
## 12847     NNE    37   NNE    NE     22    17
## 12848      SW    44   NNE     W     15    11
## 12849      SW    54   SSW    SSW    28    28
## 12850     ESE    48   ESE    ESE    24    13
## 12851     ESE    33   ESE     S     13    19
## 12852     SSW    31   ESE    SSW    11    17
## 12853     NNE    33   NNE     E     22     9
## 12854     NNE    39   NNE     N     28    11
## 12855      NW    37   NNE    NNE    26     9
## 12856      NW    50    N      N     20    15
## 12857     SSW    52   NNE    WNW    19    26
## 12858       E    35   ENE     N     13    15
## 12859      SW    48   NNE    NNW    17     9
## 12863       E    37    E      E     24    20
## 12864      NE    52    E     NE     26    19
## 12865      NE    41    NE    ENE    20    17
## 12866      NE    35   NNE    NNE    20     9
## 12869       E    35    E      E     19    19
## 12870      NE    33   ENE    ESE    15     9
## 12871      NE    39   NNE     E     15     9
## 12872      NE    35   NNE    NW     19     7
## 12873     NNW    44   NNE     W     17    13
## 12877     WSW    33    NE    NNE     9    15
## 12878     WNW    41    W     WSW     7    24
## 12879     WNW    37    SW    WNW    19    20
## 12883       E    33    E     ESE    13    11
## 12884     ESE    33    E     SE     13    17
## 12885      NE    44   ESE    NNE    15    20
## 12886     SSW    26    E      S      9     7
## 12889     SSW    28    E     SSW    13    19
## 12890     ENE    28   ENE     N      7    11
## 12891      SW    41    SE    SW      4    33
## 12892      SW    39    SW    SSE     7    17
## 12895      NW    31    NE    WNW    13    15
```

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```
## 12896        WSW        33        N        SSW        11        20
## 12897        SSW        56        SW        SSW        9        31
## 12898        WSW        44        SW        W        11        28
## 12899        SW        52        WSW        WSW        28        33
## 12903        WSW        24        ESE        SW        11        9
## 12905        E        26        E        ESE        17        4
## 12906        E        30        E        E        22        9
## 12909        NE        37        ENE        NNE        19        22
## 12910        W        57        N        W        15        24
## 12911        WSW        50        WSW        W        15        30
## 12912        WSW        43        SW        SW        20        28
## 12917        S        41        WSW        SSE        15        19
## 12918        SSE        24        ENE        SSE        13        6
## 12919        SSE        46        S        S        20        31
## 12920        SE        37        SE        SSE        20        13
## 12921        SSW        30        E        SW        13        17
## 12922        W        35        NE        WNW        9        17
## 12923        WNW        31        NE        W        15        20
## 12924        SW        35        S        SW        15        19
## 12925        WSW        30        E        W        7        17
## 12926        SW        41        WNW        WSW        11        26
## 12927        SW        31        WSW        WSW        15        20
## 12928        S        35        S        WSW        7        26
## 12929        ESE        30        SSE        S        7        13
## 12930        SE        46        S        SSE        19        28
## 12931        S        43        SSW        SSW        9        19
## 12932        SW        44        SW        SW        19        28
## 12933        SSW        28        ENE        E        13        4
## 12934        WSW        22        SW        WSW        9        13
## 12935        WSW        44        WSW        WSW        19        35
## 12936        WSW        50        SW        SW        26        37
## 12937        SW        31        SW        SW        13        22
## 12938        WNW        22        NE        WSW        7        9
## 12940        SSW        35        W        SW        9        20
## 12941        SW        41        W        SW        9        26
## 12943        ENE        28        ENE        NNW        19        4
## 12944        E        28        E        N        19        7
## 12945        E        24        E        S        11        15
## 12946        E        37        E        E        19        20
## 12947        E        43        ESE        ENE        15        19
## 12948        ESE        35        SSE        SE        17        15
## 12949        ESE        31        SE        S        15        13
## 12950        E        30        E        S        17        9
## 12951        NNE        35        NE        N        17        13
## 12952        NNE        30        NE        WNW        17        19
## 12953        WSW        48        W        WSW        17        35
## 12954        WSW        44        WNW        WNW        7        20
## 12955        WSW        50        WSW        WSW        19        31
## 12956        SW        39        SSW        WSW        2        24
## 12957        SW        44        SSW        WSW        9        28
## 12958        SW        39        SSE        WSW        11        24
## 12959        SSW        41        SSW        SW        9        30
## 12960        WSW        20        ENE        WSW        2        13
## 12961        NE        22        NE        SSW        13        15
```

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```
## 12962       SW      35      SSW     S       15      26
## 12963       E       33      ESE     ENE     9       15
## 12964       E       35      ESE     NE      17      17
## 12965       E       19      E       NW      13      6
## 12966       WSW     30      ESE     WSW     7       17
## 12967       WSW     50      WSW     SW      15      33
## 12968       SSW     46      SW      SSW     26      22
## 12969       SW      43      SW      SW      15      30
## 12970       SW      43      SSW     SSW     19      31
## 12971       SSW     44      SSW     SW      11      13
## 12972       SSW     30      E       SW      6       15
## 12973       SSE     43      NE      W       15      11
## 12974       SW      37      NE      SW      9       20
## 12975       WSW     33      SSE     SW      7       17
## 12976       NNE     33      E       NNE     20      6
## 12977       E       28      ENE     ENE     19      9
## 12978       E       30      E       E       20      7
## 12979       E       28      ENE     W       17      6
## 12980       ENE     35      NE      NW      13      9
## 12981       NE      31      ENE     NE      20      11
## 12982       ENE     30      NNE     SSW     17      7
## 12983       ENE     37      ENE     NNE     13      17
## 12984       NE      43      NE      N       26      19
## 12985       NNE     41      NNE     N       26      20
## 12986       NNE     33      N       WNW     26      7
## 12987       WSW     39      WSW     WSW     11      22
## 12988       SW      44      W       WSW     15      31
## 12989       W       50      N       WNW     13      20
## 12990       SW      41      S       SW      13      26
## 12991       S       24      ESE     WSW     9       13
## 12992       NNE     30      ENE     NNW     15      7
## 12993       NNE     33      NE      SW      20      7
## 12994       ESE     26      E       ENE     15      2
## 12995       NNE     39      NE      NE      28      15
## 12996       NNE     56      NNE     NNE     31      35
## 12998       SW      31      W       SW      15      19
## 12999       ESE     35      ESE     SSE     26      15
## 13000       ENE     31      SE      S       28      6
## 13001       SSE     41      S       ESE     17      26
## 13002       SE      37      SSE     SSE     26      15
## 13003       ENE     30      ENE     ESE     13      11
## 13006       SE      33      E       ESE     19      15
## 13007       ENE     24      WSW     WSW     2       11
## 13008       NNW     56      NNE     N       20      13
## 13009       E       22      NE      SW      11      7
## 13010       N       24      NE      SW      15      13
## 13011       NE      26      NE      NW      17      7
## 13012       ESE     33      ENE     SE      19      6
## 13013       E       33      E       SSE     22      15
## 13015       NE      31      ENE     N       19      9
## 13016       NNE     33      NE      N       19      13
## 13017       WSW     48      N       NW      24      19
## 13020       WSW     52      SW      SW      30      37
## 13021       WSW     41      SSW     SW      15      22
```

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```
## 13022           SW        37      SSW        SW         11         20
## 13023           NW        26       NE       WSW         11         11
## 13024           SW        41       NE        SW         13         17
## 13028          WNW        30      NNW       WNW         17         20
## 13029          NNW        48      NNE         N         17         33
## 13030          NNW        48        N       WSW         24         30
## 13031            S        33        E       SSW          2         17
## 13033          NNE        35        N       SSW         24          2
## 13034          NNW        52      NNE         N         19         24
## 13035            W        48      SSW        SW         30         31
## 13036          ESE        37      ESE        SE         28         20
## 13037           NE        35       NE       ENE         20         11
## 13038           NE        44       NE        NE         30         11
## 13039            W        65        W         W         13         35
## 13041           SW        61        E       WSW          9         39
## 13042          SSW        44       SW       SSW         19         20
## 13043           SE        30       SE         W         20         13
## 13044          ENE        30        E       SSE         17          6
## 13045           NE        35       NE        NE         28         20
## 13046           NE        33      ENE        NE         15         22
## 13047            E        20      ENE       WSW         11          4
## 13050          NNW        24       NE       WNW         11          2
## 13051           SW        39        S       SSW          9         22
## 13052          SSW        26      SSW        SW          7          9
## 13053          NNE        43      ENE         N         17         15
## 13054          NNE        44      ENE       NNE         24         19
## 13057            E        39      ESE         E         20         13
## 13058          ENE        33        E        SE         26          9
## 13059            E        30      ENE       ESE         20         22
## 13060           NE        33       NE       ESE         19          9
## 13061          ENE        28       NE       ENE         15         15
## 13062          ENE        31      NNE       ENE         20         11
## 13063           NE        33      NNE         E         17         13
## 13064          NNE        35      NNE       NNE         26         13
## 13065           SW        70      NNE         N         24         11
## 13066          NNW        46       NE       NNW         20         28
## 13067           NE        39        E        NE         26         19
## 13068           NE        39       NE       NNE         20         19
## 13069           NE        41       NE       ESE         30         26
## 13070           SW        50      NNW       WSW         13         30
## 13071            S        59      SSW         S         15         17
## 13072          NNE        31        N       NNE         20          9
## 13073           SW        43      WSW       WSW          6         22
## 13074           SW        44      SSW        SW          7         24
## 13075           NE        28      ENE       NNW         17          6
## 13076           NE        50       NE         N         35         19
## 13077          NNE        33      NNE        NE         20          7
## 13078            N        33      NNE       NNE         20         17
## 13079            N        41        N         N         26         24
## 13080          NNE        41        N       NNW         26         11
## 13081            N        37       SE       ESE          7          7
## 13082          NNE        43       SE        NE          4          4
## 13083           NE        43      NNE         N         30         15
## 13084            S        74      NNE       NNW         30         26
```

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```
## 13085       NNE       50        N        N      31      15
## 13086       NNE       33      NNE      NNW      22       9
## 13087       NNW       44      NNE        N      30      19
## 13088       NNE       43      NNE        N      30      28
## 13089       ENE       33       NE      NNW      20      22
## 13090       NNE       41      NNE      NNE      30      11
## 13091       NNE       48      NNE      NNW      31      17
## 13092       NNE       44        N      WNW      28       9
## 13093       NNE       54      NNE        N      35      26
## 13094        NE       41      NNE       NE      19      19
## 13095        NE       39        E       NE      11      17
## 13096         E       39      ENE      ENE      19      28
## 13097        NW       39      WNW        N      15      22
## 13098       WSW       35      NNW       SW      17      22
## 13099         E       31        E      WNW      20      11
## 13100       NNE       48      NNE      NNE      35      26
## 13101       NNE       46      NNE      NNE      31      19
## 13102       SSW       41      SSW       SE      13      15
## 13103        SW       33       SE       SW      17      11
## 13104         E       31       NE      ESE      15       9
## 13105       NNE       33      NNE        W      22       6
## 13106         E       48      ENE       SE      19       6
## 13107         E       37      ENE        E      13      15
## 13108         E       39      SSE       SE      15      13
## 13109       ESE       30        E      WNW      13       9
## 13110        NE       31       NE        N      17      13
## 13111        NE       28      NNE        W      20       4
## 13112        NW       48        N      NNW      15      28
## 13113         S       72      SSW      WSW      15      24
## 13114       WSW       41      ENE       SW       2      30
## 13116        NE       41       NE        N      19      15
## 13117        NE       37       NE       SE      11       7
## 13118       ENE       35      ENE      ESE      17       9
## 13119        NE       48       NE      NNW      26      19
## 13120       SSW       50      NNE      NNE      30      22
## 13121         N       30      NNE        S      17       4
## 13125       SSE       44        E      SSW      19      17
## 13126        SE       39        E       NE      17       9
## 13127       SSW       43      NNE      SSW      20      19
## 13128        SW       44       SW      SSW      17      28
## 13129       ESE       43      ESE       SW      20      13
## 13130       SSW       37        E      SSW      17      11
## 13131         S       39        E      ESE      24       9
## 13132         E       33      ENE      SSW      17      13
## 13133        NE       33      NNE      SSE      17       9
## 13134       ENE       35      NNE      ESE      24       7
## 13135       NNE       39      NNE      NNW      30       7
## 13136       NNE       39      NNE      WSW      30      17
## 13137         W       57        E      WSW      19      43
## 13138         S       33      ENE       SW       6      13
## 13139        NE       39       NE        N      30      20
## 13140        NW       54      NNE        N      31      30
## 13141       WSW       46       SW       SW      19      30
## 13142       SSW       41      WSW      WSW       9      20
```

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```
## 13143    WSW    56    S      SW     20    33
## 13144    SW     50    S      SSW    20    24
## 13145    NNE    48    NE     ESE    28     9
## 13146    ESE    57    NE     ENE    22    13
## 13147    ENE    50    ENE    E      37    31
## 13150    SSW    43    SE     S      15    20
## 13151    SSW    43    ENE    SE     13     6
## 13152    SW     31    ENE    SSE    19     6
## 13153    ENE    35    ENE    SSW    17     9
## 13154    ESE    57    ESE    ESE    20    17
## 13155    NNE    43    ESE    N      28    17
## 13156    E      44    SE     E      13    31
## 13158    ESE    39    E      ENE    17     9
## 13159    ENE    48    E      E      20    19
## 13160    NE     50    E      ENE    15    28
## 13161    ENE    52    NE     NE     17    22
## 13162    NNE    50    NNE    N      30    26
## 13163    NW     39    N      E      13    13
## 13166    ENE    31    NE     WNW    15     9
## 13169    WSW    35    NNE    WSW    13    13
## 13170    WSW    37    SW     WSW    17    24
## 13172    ENE    31    ENE    WNW    17     9
## 13173    NNE    37    NNE    NNW    26    17
## 13174    W      39    NE     WNW    24    19
## 13175    WSW    33    N      SSW     6     7
## 13176    SW     35    ENE    WNW    11    15
## 13177    NE     33    ENE    W      20    11
## 13178    NE     31    ENE    SSE    20    13
## 13179    SSW    37    NE     NNW    20     9
## 13180    NNE    28    NE     WSW    19    11
## 13181    ENE    35    NE     SW     17    17
## 13186    NNW    30    E      NNE    19     9
## 13187    ESE    33    E      E      20    15
## 13188    ESE    43    E      ESE    26    17
## 13189    ENE    31    E      ESE    11    13
## 13190    NNE    43    ENE    N      20    20
## 13191    NNW    35    NE     N      19    13
## 13192    N      39    N      N      22    17
## 13193    N      43    N      NW     30    26
## 13194    E      46    NE     WNW    17     6
## 13195    NE     48    NE     NNE    31    26
## 13196    NE     39    NE     N      22    13
## 13197    SW     46    N      WNW    13    20
## 13198    E      39    ESE    NNE    30    24
## 13199    S      46    SE     S      19    19
## 13200    WSW    37    ESE    W       9    19
## 13201    SW     43    NNW    WSW     4    24
## 13202    S      44    S      SSW    11    17
## 13203    N      37    E      NNE    19    11
## 13204    NNE    35    NE     N      19    13
## 13205    ENE    39    ENE    ESE    15    11
## 13206    NNE    37    E      ENE    15     7
## 13207    NE     35    E      NNE    17    13
## 13208    NNE    35    ENE    N      19    17
```

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```
## 13209      NE      35      SE      SE       7       7
## 13210     ESE      46     ESE      SE      15      17
## 13211     ESE      48      SE      SE      13      20
## 13212     ESE      46      SE       E      15      22
## 13213      NE      31       E       E      15       4
## 13215      SW      57      SW      SW      17      35
## 13216     SSW      52     SSW      SW      28      30
## 13217     NNE      33       E      NW      15      11
## 13218      NE      37     NNE     NNW      15      13
## 13219      NE      31       E     ESE      17       6
## 13220     SSE      35     ENE     WNW      15       9
## 13221       E      31       E       S      13       7
## 13222       S      30     ENE       W      11       9
## 13224     SSE      35     ENE       S       9      22
## 13225      SW      48      NE     SSW      17      22
## 13226     SSW      50      NE       S      13      26
## 13227       E      33     NNE     NNE      22       7
## 13228     NNE      37     NNE     NNE      26       9
## 13229     NNE      33     NNE      NW      20       9
## 13230     NNE      33     NNE       W      24      13
## 13231     NNE      43     NNE       N      22      15
## 13232     WSW      43     WSW     WSW      11      28
## 13233       S      54       S     SSW      35      35
## 13234       S      37      SE      SW      20      20
## 13238     SSW      28     ENE     NNE      13       6
## 13239     SSW      52     NNE     SSW      17      30
## 13241       E      24       E     ESE      11      13
## 13242       N      30       E     NNW      15      11
## 13243     ENE      31     NNE      SW      19      13
## 13244       E      26      NE      NW      15       7
## 13246     WSW      37      SE       N       9       9
## 13247      SW      39     NNW       W      13      28
## 13251     SSE      28       S     SSE      13      15
## 13252     SSE      28       S     SSW      13      13
## 13253       E      30       E     ESE      20      15
## 13254       E      33       E      NE      22      17
## 13255     WSW      37     ENE     NNW      19      17
## 13256       S      28      NW     SSE       4      20
## 13258       W      37      SW     WSW      13      20
## 13259     WSW      30       S      SW       7      15
## 13261      SW      35       E     SSW      11      20
## 13262      SW      28       E      SW      13      13
## 13263     ENE      28       E      SE      17      11
## 13264      NE      31      NE     SSW      24       6
## 13265     WNW      39     ENE     WNW      11      24
## 13266       W      46     SSW     WSW      22      30
## 13267      SW      44     SSW     SSW      15      26
## 13272       E      31     ENE     WNW      11      11
## 13273     ENE      26       E     SSW      15       9
## 13274     ENE      31     ENE     NNW      15      17
## 13281      SE      31     SSE     SSW      19      11
## 13282       E      26     ESE      SW      15      13
## 13283     ESE      31     ESE       E       9      15
## 13284       E      30      SE       E      11      13
```

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```
## 13285      E    22    ESE    SSE    11    13
## 13286    ENE    31      E      N    13     9
## 13287    WSW    37    SSW    SSW    13    19
## 13288    WSW    37      W    WSW    15    28
## 13289    WNW    43     NW    WNW    24    30
## 13290    SSW    37     SW    SSE    19    13
## 13291     SE    35    SSE     NW    17     9
## 13292      E    24      E      W    15     9
## 13293      E    24      E    SSE    13    11
## 13294     SE    33    ESE     SE    13    17
## 13295     SE    31      S    ESE    11    17
## 13296    WSW    35    SSW    WSW    11    22
## 13297     SE    35    SSE      S    17     6
## 13298    ENE    33    ENE    NNW    15    11
## 13299    ENE    26     NE      N    20    13
## 13300    NNE    35    NNE    WNW    28    15
## 13301     SW    39     SW     SW    15    26
## 13302    SSW    37     SW    WSW     7    24
## 13303    SSW    39     SW    SSW     9    22
## 13304      E    19      E     NW     6     9
## 13305      N    30     NE      N    17    17
## 13306    WSW    44      N    WNW    22    28
## 13307      S    35    SSW     SW    13    22
## 13309    ENE    26      E    SSW    15    13
## 13310      E    26    ESE      N    15    11
## 13311     SE    35    SSE      S    11    19
## 13312     SE    31    SSW    ESE     7    17
## 13314    WSW    30    ENE    WNW     9    20
## 13315    WSW    44    WNW    WSW     9    33
## 13316    WSW    41     SW     SW    17    26
## 13317    SSW    39    SSW    SSW    17    24
## 13318    SSW    33    SSW     SW    17    17
## 13323    NNE    35      E    ENE    20    22
## 13324     NE    52    ENE     NE    22    28
## 13325     NE    44    NNE      E    19     9
## 13327    ENE    26     NE    ESE     9    15
## 13328    WNW    26     NW     NW    15     9
## 13329     SW    39    SSW    WSW    19    26
## 13331    ESE    30    ESE    WNW    20     9
## 13332      E    20      E      E     9    13
## 13333    SSW    41    SSW    SSW    15    17
## 13334    SSW    39      S    SSW     9    30
## 13335    SSW    39    SSW      S    15    19
## 13336    ESE    33    SSW    SSE     7    17
## 13337    ESE    33    SSE      S    17    15
## 13341      W    39     SW    WSW    15    24
## 13342     SW    41    WSW     SW    19    24
## 13343     SW    37     SW     SW    17    26
## 13344     SW    39    SSW    SSW    13    26
## 13345    SSW    26    SSW    SSW     2     9
## 13346    SSW    28     NE      W     7    19
## 13347     SW    26    WNW     SW     7    17
## 13353    WSW    19     NE    WNW    11    11
## 13354     SW    39     NE     SW    13    24
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## 13355      WSW      52      SW       SW       26       35
## 13356      SSW      43      SSW      SSW      19       31
## 13357      SSW      37      SSW      SW       11       15
## 13358      ESE      20      E        WNW       9        6
## 13359      WNW      24      NNE      W        11       13
## 13360      NNW      30      NE       N        17       19
## 13361      WNW      33      NNE      W         7       13
## 13362       NW      61      N        NW       15       37
## 13363      WSW      44      WNW      WSW      19       30
## 13364      WSW      31      W        SW        7       15
## 13365        E      24      ENE      SW       11        6
## 13369       SW      31      SSW      WSW      15       19
## 13370      WNW      30      NNE      WNW      13       17
## 13371       SW      31      W        SSW       7       20
## 13373      NNE      39      NE       NW       19       13
## 13374      NNE      48      NNE      N        35       20
## 13375      NNE      35      N        WSW      19       24
## 13376      WSW      46      SSW      SW       17       26
## 13377       SW      39      SSW      SSW      28       24
## 13378      WSW      24      E        SW       13       11
## 13379      SSW      24      NE       SSW      11        9
## 13380      ENE      30      NNE      SSW      17        6
## 13384       SW      46      SW       SW       24       30
## 13385       SW      46      SSW      SW       17       20
## 13386       NE      37      NE       N        20       11
## 13388      NNE      39      N        NW       30       13
## 13389      SSW      74      N        WNW      35       35
## 13390       SW      35      SSW      SW       11       22
## 13391      NNE      19      ESE      SE       11        7
## 13392      NNE      41      NNE      WNW      30       13
## 13393      NNE      33      N        WNW      19       19
## 13394       SW      52      NNE      NNW      19       20
## 13395        W      35      N        WSW      20       17
## 13396        N      33      NE       N        17        9
## 13397      WSW      41      ESE      SSE       7        2
## 13398        S      31      SSW      SW        9       11
## 13399       NE      24      NNE      SW       17        2
## 13400      WSW      50      SW       SW       13       30
## 13401      ENE      31      ESE      ESE      11        7
## 13402      NNE      39      NE       ENE      24       11
## 13404      NNE      44      N        N        28       28
## 13405        N      33      NE       NW       13       17
## 13406       SW      39      S        SW       19       24
## 13407      WNW      22      E        W         9       11
## 13408       NE      31      E        S        15        7
## 13409        E      31      NE       SW        7        4
## 13410        N      30      NNE      NW       19       13
## 13411      NNW      31      N        W        15       13
## 13412        N      43      N        N        17       17
## 13413        W      56      SW       SW       22       20
## 13414      NNE      33      ENE      W        20       11
## 13415       SW      43      E        SW       13       22
## 13416      WNW      57      NE       WNW      30       37
## 13417      WNW      39      NNW      SW       13        7
```

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## 13418        WSW        57         W        SW        30        31
## 13419        WSW        46        NW        SW         7        20
## 13420         SW        50       SSW       SSW        11        24
## 13421        ESE        28         E         E        15         7
## 13422        NNE        41       NNE       NNE        30        15
## 13423        WNW        39         N       NNW        19        19
## 13427          S        76         N        NE         4         6
## 13428         SW        59       SSW        SW        17        33
## 13429        ESE        48       ESE        SE        31        20
## 13430        SSE        52         E         S        24        13
## 13431        NNE        41       NNE       NNW        28        15
## 13432         SW        56         N        SW        17        20
## 13433        SSW        39         S       SSW        20        20
## 13434        NNE        37       ENE       NNE        20        11
## 13435        ENE        28         E         E        17         9
## 13436         NE        33       NNE       NNW        19         7
## 13437        NNW        33       NNE         W        15         6
## 13438         SW        43       NNE        NW        17        13
## 13440        NNE        43        NE         N        30        13
## 13441         NE        48       NNE       NNE        31        19
## 13442        NNE        37         N       NNW        24        13
## 13443        NNE        41       NNE        NE        28        17
## 13444          W        52       NNE         N        30        22
## 13445        NNE        48       NNE       NNW        33        19
## 13446        WSW        26       SSE       NNW         4        11
## 13447        WSW        33         S        SW         7        20
## 13448         NE        41       ESE       ESE        28        20
## 13449        ENE        37        NE       SSW        17         6
## 13450         NE        35         N       NNW        26         9
## 13451          W        44       NNE       WNW        24        28
## 13452        WNW        56         N       WNW        22        30
## 13453          S        56       NNW         W        13        31
## 13454         NE        48       ENE       NNE        13        20
## 13455         SW        41       ENE       WSW        13        22
## 13456         SW        57       SSW        SW        13        30
## 13457        ESE        37       ESE         E        24        17
## 13458          E        31        NE       SSE        17         7
## 13463        NNE        41       NNE         N        26         9
## 13464        ESE        44         N       NNW        28        11
## 13465        ESE        54         N        NW        22         9
## 13468         NE        33         N         N        20         9
## 13469        SSW        35       NNE         W        15        13
## 13473         NE        39       NNE         E        26        19
## 13474         NE        37         E       ESE        17        17
## 13475        NNE        57       NNE         N        28        13
## 13476        WSW        54         N        SW        33        28
## 13477        ENE        37        NE         W         6        11
## 13478        NNE        50       NNE         N        33        20
## 13479        ENE        87       NNE       NNW        33        19
## 13481         SW        52         S        SW        24        19
## 13482         NE        50       ENE        NE        26        22
## 13483         NE        39        NE        NE        24         9
## 13484        NNE        35       NNE       NNE        24        11
## 13485        NNW        46       NNE         N        30         9
```

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## 13486        S    57     SE     SW    17    35
## 13487      ENE    44      E     NE    22    13
## 13488       NE    56    NNE    NNE    13     7
## 13489        S    50    NNE    NNE    22     9
## 13490        E    57     NE      N    22    17
## 13491        E    54    ENE    ESE    22    20
## 13492       NE    54    ESE    ENE    24    19
## 13493        E    57      E     SE    30    24
## 13494       SE    35    ESE     SE    20    19
## 13495        E    70      S      S    35    31
## 13496      SSW    35      W     SW    19    17
## 13497       SE    31      E    WNW     9     9
## 13498      ENE    35     NE      N    20    17
## 13499      NNE    46     NE      W    15    13
## 13500       SE    54    ESE    SSE    24    33
## 13501      ESE    41    SSE    ESE    13    28
## 13502        E    46     SE      E    17    24
## 13503        E    48     SE      E    22    15
## 13504      ESE    37    ESE      E    20    20
## 13505        E    31      E    SSE    20    17
## 13506      ENE    37      E    ESE    26    19
## 13507        E    43      E    SSE    26    17
## 13508       SE    37    ESE    ESE    19    15
## 13509      ENE    43      E    ENE    20    19
## 13510        E    37    ESE    ENE    17    17
## 13511      SSE    37      E     SE    17    20
## 13512       SE    43    NNE    SSW    11    19
## 13513       SW    33     NE      S     9    20
## 13514        N    35    NNE    NNW    20    15
## 13515      SSW    52    SSW    SSW    33    30
## 13516       NE    37      E      N    22    13
## 13517      ENE    44      E      E    19    15
## 13518       NE    37      E      E    19    17
## 13519      NNE    48    ENE      N    20    22
## 13520      NNE    43    NNE      N    22    17
## 13521        N    44    NNE    NNW    17    15
## 13522        W    31      E    WNW    13    17
## 13523      ENE    33      E    SSW    15     7
## 13524      NNE    33    NNE    NNW    20    11
## 13525      NNE    35     NE      N    20    13
## 13526      NNE    37    NNE      N    22    11
## 13527        W    30    SSW    WSW    22    15
## 13528       NW    39      N     NW     7    19
## 13529        S    31      S    WSW     9    20
## 13530      SSW    30     NE      W    11    19
## 13531      WSW    37    SSE    WSW     2    24
## 13532      ESE    35      E     SE     7     6
## 13533        E    43      E     NE    15    13
## 13534      ENE    48      E      E     7    13
## 13535      ENE    37    ESE      E     9    11
## 13536      SSE    44    ENE    ENE    15     9
## 13537        S    28      E     SW    15    17
## 13538      SSE    33    ESE     SW    15     7
## 13539      ENE    31      E     SE    19    13
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## 13540      SW    39     E      E    20     7
## 13541       E    43     E     SE    22    17
## 13542       S    28    SE      S    17    15
## 13543       W    26   ENE     NW     7     9
## 13544     WNW    26   ENE    NNW    11    13
## 13545       W    35    NE    WNW    19    20
## 13546       W    35   NNE    WNW    13    15
## 13547     WNW    37     N    WSW     7    17
## 13548     WSW    41    SW    WSW    15    26
## 13549      SW    48     W     SW     7    24
## 13550     ENE    28     E     SE    13     9
## 13551       W    35   NNE      W    20    19
## 13553      SW    35   ENE    WSW     6    20
## 13557      NW    31   NNE     NW    19    11
## 13558      NE    24    NE    SSW    13     7
## 13559     ENE    33   ENE      E    15     4
## 13560     NNE    30    NE    SSE    15     4
## 13563     WSW    56   NNE    WSW    11    26
## 13564      SW    43   ENE    SSW    13    15
## 13565     NNE    33   ENE     NE    19    11
## 13566       E    30     E    ENE    20     6
## 13567     ENE    30     E    SSE    20     9
## 13568       S    28     E    ESE    17    17
## 13569       E    31     E      E    19    17
## 13570     ENE    37     E      E    19    11
## 13571       E    30   ENE     NE    20     7
## 13572     NNE    33   NNE      N    20    17
## 13573     WSW    35   SSW     SW     9    24
## 13574       W    26    NE      W     7    15
## 13575      NW    30     N      W     9    20
## 13576     WSW    48    SW     SW    13    26
## 13577     WSW    43   NNE     SW     6    28
## 13578      SW    37   WSW     SW    13    22
## 13579     SSW    39    NW    SSW     7    22
## 13580     ENE    17    NE    WSW    11     7
## 13581     NNE    61   NNE    NNE     9    20
## 13582     WNW    19    SW    WSW    13     9
## 13583       S    56   SSW    SSW    22    33
## 13584     SSW    31   SSW    SSW    19    11
## 13586       E    26   ENE    NNW    17     6
## 13587       E    31   ENE      E     9    13
## 13588      NE    39     E      E    17    15
## 13589      NE    43     E     NE    22    17
## 13590     NNE    31     E    NNE    22    19
## 13591     NNE    37    NE      N    15    15
## 13592     WSW    52     W      W    17    28
## 13593     SSW    41    SW    SSW    15    28
## 13594      SW    19   ENE    ESE     9     4
## 13595     ENE    26     E      N    17    13
## 13596       N    33    NE      N    19    11
## 13597       N    28     N      W    17     9
## 13598       E    30   ESE     NW     7    20
## 13599     NNE    31   ENE    ENE    13    15
## 13600      NE    30    NE    ENE    13    19
```

```
## 13601    E    31    ENE    E      11    11
## 13602    N    52     N    SSW     30     9
## 13603   NNW   30     NW    WNW     17    17
## 13604   WSW   37    WNW    WSW     13    19
## 13605   WSW   35    WSW    WSW     24    17
## 13606    W    31    WSW     W       9    20
## 13608    SW   33     W     SW       4    22
## 13609   SSW   30     S      S      11    20
## 13611    W    26    ENE    SSW     11    17
## 13612    E    15     E     SSE      9    11
## 13613   ENE   26     E      E      17     6
## 13614   WSW   31     NE    WSW      7    22
## 13615   WNW   31     NW     W      15    19
## 13616   WSW   24     NE    WSW      9    15
## 13617   ENE   30    ENE    ESE     13    15
## 13618   ENE   30     E      W      13     6
## 13620    S    37     S     SSW      6    19
## 13621    S    46    SSW    SSW     19    30
## 13622   SSW   37    SSW    SW      17    28
## 13623    E    26     E      N      17     7
## 13624   NNE   39     NE     N      13    17
## 13625   WSW   39     N     SW       9    15
## 13627   SSW   30    ESE    SSW      9    11
## 13628   SSW   24     E     SSW      9    15
## 13629    E    33     E     ENE     15    13
## 13630    E    30     NE    ENE     15     7
## 13631    E    30     E      E      15     6
## 13633   ENE   31     E      E      13     4
## 13634    NE   28    ENE     N      13    15
## 13635    N    35     NE     N      15    13
## 13636   NNE   37     NE    NNE     20    17
## 13637    NE   31     NE     NE     17    19
## 13638   NNE   41    NNE     NE     19    28
## 13639   NNE   52    NNE    WNW     30     9
## 13640   NNE   35     NW     W      24    20
## 13641   WSW   26    ENE     W       4     9
## 13642   WNW   31     NE    WNW     15    15
## 13644   SSW   31     SW     SW     20    20
## 13645    E    24    ESE    SSW      9     7
## 13646    W    20     E     WSW      9    11
## 13647    E    28     E     NNE     13     7
## 13648    N    41     E      NE     17    22
## 13649   NNE   35     E      NE     20    17
## 13650   SSW   35     E      SW     15    19
## 13651    S    33    ESE    SSW     17    17
## 13653    NW   31    NNE    WNW     19    17
## 13655    W    37    NNE     SW      7    19
## 13656   WSW   30    ENE    WSW      7    15
## 13657   NNW   28     NE    WNW     15     9
## 13658   NNW   33    NNE    NNW     15    22
## 13659    SW   57     SW     SW     30    41
## 13660   WSW   31     S      SW     11    17
## 13661   WSW   31    ENE    SSW     11    13
## 13662   ENE   24    ENE     NW     13     9
```

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## 13663       SW     65      N      WNW     19     28
## 13664      SSW     28      S      SSW      7     15
## 13665      ENE     28     ENE     SSW     15      9
## 13667      NNE     44     ENE      NE     20     26
## 13670      WNW     39      N       W       9     24
## 13671       SW     48     SSW      SW     19     28
## 13672      SSW     39     SSW      SW     13     20
## 13674       W      43     WNW     WSW      4     28
## 13675      WSW     39     SSW      SW     13     24
## 13676       NE     30      NE      W      20      9
## 13677       W      30      NE      W      17     11
## 13678      WSW     30      NE      SW     15      7
## 13679      ENE     30     ENE      S      15      9
## 13680      NNE     46      NE     NNE     30     17
## 13681      NNE     50      N       NW     35     22
## 13682       S      46     ESE     SSW     13     28
## 13683       S      37     NNE      S       9     17
## 13684      ENE     35      E      WSW     19      7
## 13685      NNE     31      E       S      17      6
## 13686       NE     26      E       S      13      9
## 13688       NE     26     NNE      W      17      4
## 13689       NE     28     NNE      W      19      2
## 13690       NE     30     NNE      W      19      2
## 13691      NNE     33     NNE      N      26     19
## 13692      NNW     41      N       NW     24     20
## 13693      WSW     31     SSW      W      11     17
## 13694       SW     31      NE     WSW      7     19
## 13695       NE     56     ENE     NNE     19     11
## 13696       W      46      N      WSW     20     28
## 13698       NW     76      NE      NE     17     28
## 13699      WNW     50     WNW      W      17     33
## 13700      WNW     39      N      WNW     11     20
## 13701       W      48      SW      W       7     26
## 13702       W      54     WNW     WSW      7     26
## 13704      WSW     31      E      WSW     13     11
## 13705       N      33     NNE      N      19     13
## 13706       NW     56      N       W      28     28
## 13707       NE     35     ENE     WNW     22      6
## 13708       SW     56      N       SW     28     41
## 13709      NNE     48      SE     ENE     11      4
## 13710      WSW     43     NNE      SW     19     22
## 13711      WSW     39     ESE      SW     13     13
## 13712      NNE     35     NNE     WNW     26     11
## 13713      WSW     83      N       N      30     33
## 13714      NNW     30      NE     WNW     13     15
## 13715       SW     67      SW      SW     31     39
## 13716      SSW     41      SE      SW     15     17
## 13717       NE     31      NE      SW     17      2
## 13718       W      35      NE      W      17     13
## 13719      WSW     46      NE     WSW      4     31
## 13720       SW     54      SW      SW     17     28
## 13721      NNE     33      NE     NNE     19      4
## 13722       NW     46     NNE     NNW     30     20
## 13723      WSW     52     ESE      SW     19     26
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## 13724         NNE          41         NE          N          28          24
## 13725         WSW          63          N          N          28          28
## 13726         SSW          69         SW         WSW         33          31
## 13727         NNE          31         ESE         W          13          11
## 13728           N          46         NNE         N          24          20
## 13729         WSW          74          N         NNW         37          30
## 13733          NE          41         NNE        NNE         28          17
## 13734         NNE          46         NNE         N          33          26
## 13735         WSW          61          N          W          35          15
## 13736          SW          52         SSW         SW         31          33
## 13737          SW          35          S         WNW          9          15
## 13738         SSW          46         SSE         SW         15          28
## 13739         SSW          33          E          SW         17          15
## 13740         NNE          50         NNE         N          35          15
## 13741         NNW          57          N          W          37          33
## 13742          SW          43         ESE         SW         15          11
## 13743         NNW          35         ENE         NE         20          4
## 13744          NE          43         NNE        ESE         33          7
## 13745           N          41         NNE         N          26          13
## 13746           S          54          N         WSW         19          22
## 13747         SSW          46          S          SW         26          28
## 13748           E          43          E         NNE         26          13
## 13749          NE          35         NE          SW         24          6
## 13750          NE          43         NNE        NNE         28          22
## 13751           N          44          N         NNW         30          19
## 13752          SW          56         NNE         W          20          28
## 13753          SW          41          S          W           2          9
## 13758         WSW          57          E          S          19          11
## 13759           S          50         NNE         W          15          17
## 13760         SSW          59         ENE         SW         15          6
## 13761           S          54          E         WSW         11          30
## 13762          SW          37         SE          SW         15          26
## 13763         SSW          44          E         WSW         13          17
## 13768         WSW          57         NW          SW          6          22
## 13769           E          33          E         SSW         19          19
## 13770         SSE          37         NNE        SSE         20          15
## 13771         NNE          48         NNE        NNW         28          6
## 13772          SW          48          W         NNW         15          19
## 13773           S          35         ESE        SSW         22          13
## 13774         ENE          35         NE         SSE         20          13
## 13775          NE          33         NNE        WSW         17          6
## 13776         SSE          37         NNE         S          26          15
## 13777         NNE          48         NNE        NNE         35          28
## 13778         WSW          63         WSW         W          41          39
## 13779         WSW          54         SSW         SW         30          24
## 13780          NE          33         NE         ENE         22          7
## 13782         NNE          48         NNE         NE         31          24
## 13783          SE          56         NNE        WSW         35          9
## 13784         WSW          50         SSE        WSW         11          24
## 13786         WSW          31         NE          W          20          9
## 13787         NNE          44         NNE        SSW         30          17
## 13788         NNE          50         NNE         SW         35          24
## 13789         ESE          85         NE         NNW         33          11
## 13790         ENE          37         ENE        SSE         24          9
```

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## 13792         ENE              41              NE             ENE             26               4
## 13793         NNE              35             NNE              NW             24               6
## 13794         NNE              37             NNE              NW             28              11
## 13795         NNE              52             NNE              NW             33              19
## 13796         NNE              48               N               N             33              15
## 13797         SSW              52             NNE               W             24               6
## 13798         SSW              52             NNE               N             28              19
## 13799         SSW              48               N             WNW             20              17
## 13800         SSW              57               E             SSW             13              31
## 13801         NNE              44             NNE               W             31              24
## 13802          SW              56               N             WSW             24              28
## 13803         SSW              46              NE               W             30              17
## 13804           S              41              NE             WSW             20              17
## 13805         NNE              50              NE               N             31              17
## 13806         NNE              50               N               N             28              19
## 13807         WSW              61               N             WNW             33              33
## 13808         WSW              56              SW              SW             35              30
## 13809           W              39             ENE               W             15              20
## 13810          SW              57             SSW              SW             17              35
## 13811         ENE              54             ENE             NNW             15              13
## 13812         ENE              59              NE              NE             26              24
## 13813         ENE              52             ENE             NNE             19              20
## 13814          NE              41              NE             NNW             28               6
## 13815         ESE              37             NNE             WNW             28              11
## 13816         SSE              39              NE              SE             19              19
## 13817           N              39             NNE               N             24               6
## 13818          NE              43              NE             ENE             19              11
## 13819         NNE              46              NE               E             22               6
## 13820          NE              37              NE             ENE             20               6
## 13821         NNE              39              NE              NW             28               9
## 13822         ENE              41             NNE             WSW             28               7
## 13823           S              57             NNE               S             30              13
## 13824         WNW              63             NNE               N             31              13
## 13825           W              54             NNE               W             33              28
## 13826           E              57              SE              SW              9              15
## 13828          NE              41             ENE               N             24              17
## 13829         SSW              44               S             SSW             33              33
## 13830         ENE              56               E               S             28              19
## 13831         ENE              54               E             SSE             19              17
## 13832          NE              43             ENE               E             19              15
## 13833         ESE              41               E               E             20              28
## 13834          NE              56               E             NNE             20              15
## 13838           E              39             ENE               E             17              20
## 13839         ENE              54              NE               S             24              15
## 13840         ENE              48             ESE              SE             19              20
## 13841         NNE              33             ENE              SW             20              11
## 13842         NNE              35              NE             ESE             22               6
## 13843          NE              39              NE              NE             31               6
## 13844          NE              39              NE               E             28               6
## 13845         SSE              83             NNE               S             19               2
## 13846          NE              46             NNE               N             28              11
## 13847          NE              52             NNE             ENE             28               6
## 13853          NW              61             NNE             NNW             33              17
## 13854          NW              61               N              NW             30              13
```

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## 13859       ENE       31       E       SSE       22       13
## 13860        NE       33     NNE         E       19        6
## 13861       NNE       44     NNE       NNW       31        9
## 13866        SE       44     ENE       NNE       19        9
## 13867       ENE       39       E        NE       28        7
## 13868       NNE       33     NNE       SSW       17        7
## 13872       ENE       44       E       SSE       26       17
## 13873         E       44       E       ENE       22       17
## 13874       SSE       46       E       SSE       19       15
## 13875        NE       31      NE        SE       15        6
## 13880        SW       37     ESE       SSW       13       20
## 13881       NNE       33      NE         N       17       11
## 13882         E       67      NE       WSW       26        7
## 13886         S       46      NE         N       24        7
## 13887         E       35       S       SSW       20        7
## 13888       ESE       39     ESE       ESE       13       28
## 13889       ESE       46     ESE       ESE       17       20
## 13894        NE       31      NE        NE       19       13
## 13895       NNE       35      NE       NNW       17       11
## 13896       NNE       39     NNE       NNW       24       13
## 13900        SW       41     SSE       WSW        2       24
## 13901       ESE       33       E        SE       19        9
## 13902         E       28     ENE       SSE       19        9
## 13903        NE       30     NNE       NNE       19        7
## 13908         E       33     ESE         S       24       13
## 13909       ESE       30       E        SW       24       13
## 13910        SW       31       E        SW       17       20
## 13914       WSW       35     ENE         W       13       17
## 13915         N       20      SE        NW        9       11
## 13916         N       35       N         N       22       17
## 13917         N       39     NNE       NNW       17       19
## 13922         E       30     ESE        NE        4        7
## 13923       NNE       33      NE       NNW       17        9
## 13924        NE       31     ENE        NE       13       13
## 13928       WNW       37       W       WSW       24       19
## 13929        SW       46     SSW        SW       11       24
## 13931         S       26       E       SSE       13       15
## 13936         E       31       E       SSW       22        9
## 13937       SSE       30      NE       SSE        7       20
## 13938         E       33       E        SE       20        7
## 13942       NNE       37      NE        NE       19       13
## 13943       NNE       31     ENE         E       15       13
## 13944       ENE       30     ENE         E       13       11
## 13945        SW       31     ENE         S       11       11
## 13950         E       26     ENE         N       19       11
## 13951         N       50       N         N       28       35
## 13952       WSW       50       N       WSW       15       15
## 13956       NNE       50     NNE       NNW       35        9
## 13959        NW       17       S         N        2        9
## 13964       SSE       35      SE       SSE       19       20
## 13965        SE       35      SE        SE       17       22
## 13966         E       31     ESE       ESE       19       15
## 13970        SW       35     WSW        SW       13       22
## 13971        SW       35     SSW        SW       13       24
```

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## 13972      S    44    S     SW    13    24
## 13973    ESE    20    E    ENE    15     7
## 13978    NNW    37  ENE     NW    15    19
## 13979    WNW    46  WSW      W    28    28
## 13980    WSW    39  WSW     SW     7    28
## 13984      W    44  WNW      W    24    28
## 13985    WSW    46  WSW    WSW    13    28
## 13986    SSW    41  WSW     SW    11    20
## 13992     SW    41  SSW     SW    17    24
## 13993    ENE    19   NE      N    13     6
## 13994    NNW    44  NNE    NNW    24    26
## 13998    SSE    35  SSW     SE    20    24
## 13999      E    33  ESE     SE    15     6
## 14000    NNE    37  ENE    NNE    19    22
## 14001    NNE    39    N     NW    13    17
## 14008      E    28    E    NNE    19    11
## 14013     SW    37   NE     SW     9    17
## 14014      W    28  ENE    WSW    11    11
## 14015      E    28  ENE    WSW    11    13
## 14020      E    37    E     NE    24    13
## 14021    SSW    33    E      S    13    17
## 14022      E    31  ENE    WSW    13    11
## 14026    WSW    35    N     SW    13    24
## 14027     SW    37    W     SW     6    28
## 14028      E    33    N    NNW     2    15
## 14029      E    28    E     NE    17     7
## 14034      W    48    W    WSW    20    31
## 14035     SW    33   SW    SSW    26    20
## 14036    SSE    31  SSE    SSW    13    17
## 14048    NNW    31   NE      N    17    13
## 14049    WSW    63   SE    WSW    17    39
## 14050     SW    56   SW     SW    26    35
## 14054      E    39    E      E    28     7
## 14055    ENE    35    E    ESE    20    17
## 14056    NNE    48  NNE    NNE    30    31
## 14057    NNE    56   NW    WSW    22    31
## 14062      N    33    N      S    22     6
## 14063      W    57    N    WNW    20    41
## 14064    WSW    54    S     SW    20    28
## 14069    ESE    35    E    NNE    24     4
## 14070     NE    33  ENE     NE    19    19
## 14077    NNW    35  NNE      N    22    22
## 14078    WSW    54  SSW    WSW    30    31
## 14083     NE    33   NE    NNE    19    17
## 14084    WNW    52  NNE     NW    26    26
## 14085    WSW    46   SW    SSW    19    15
## 14091    WSW    56   SW      W    35    26
## 14092     SW    44  WSW     SW    20    24
## 14096    NNE    37  NNE    NNE    22     9
## 14097    ENE    43  NNE    SSE    22     6
## 14098    ENE    41    E     NW    15     2
## 14099     NE    35   NE    WNW    22     7
## 14106    SSW    50  SSW     SW     6    22
## 14110      S    52  SSW     SW    35    26
```

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## 14111    NE   48  ENE    N    20   6
## 14112    NE   54   NE   NNW   31  19
## 14113   NNW   57  NNE    N    35  15
## 14118    SW   63  NNE   NW    30   9
## 14119   WSW   50  NNE    W    24  24
## 14120   ENE   41   NE   ESE   26   7
## 14124    W    70   SW   WSW   43  30
## 14125    S    39  SSW   SW    17  22
## 14126    SW   48   NE   WSW   13  24
## 14127   ENE   37  ENE   NW    22   7
## 14132    SW   54  NNE   NNE   31  26
## 14133    SW   39    S   SW    20  22
## 14134    NE   39   NE   NW    26  11
## 14138    NE   43  NNE   NW    28  17
## 14139    NE   43  NNE    N    28  26
## 14140   NNE   44  NNE    N    31  11
## 14141    N    46  NNE   NNE   31   7
## 14146    W    48    N   WSW   26  20
## 14147   SSW   63  NNE    N    22  17
## 14148    NE   44  NNE    N    17   6
## 14152   SSE   39    E   ESE   11   9
## 14153   SSW   46  NNE    S    20  20
## 14154    SW   76  NNE   NW    26  28
## 14155   WNW   80    N   NNE   11   6
## 14160    NE   43   NE    N    30  17
## 14161   NNE   54  NNE   WSW   20  15
## 14162    E    44  ENE   ESE   17   7
## 14166   SSE   33   SE   SSE   17  15
## 14167   WNW   28    W   SW    11  11
## 14168    SW   54   NW    W    13  33
## 14169    SW   41  ESE   SW    13  19
## 14174    E    43  NNE   ESE   20  13
## 14175   ENE   44    E   NE    17  13
## 14176    NE   37  ENE   NW    19   6
## 14180   NNE   43  NNE   ENE   26  17
## 14181   ESE   35    E   SE    26  19
## 14182    NE   41   NE   ENE   20  26
## 14183   WSW   48    N    N    20  17
## 14188   ENE   54   NE   SE     6   6
## 14189    NW   72   NE    N    35  26
## 14190    E    56   NE   ESE   33  20
## 14194   WSW   48  NNE   SW    15  19
## 14195    E    54   NE   NNW   20  11
## 14196    S    98  ENE    N    15  24
## 14202   ESE   54  ENE   NE    24  20
## 14203   ESE   39  SSE   SE    11  17
## 14204   ESE   31    E   ESE    7  19
## 14210    NE   39  ENE   ESE   17  15
## 14211   ENE   35    E    E    20  13
## 14216   NNE   37  NNE   NNE   26   9
## 14217   ENE   43  ENE   ESE   15  17
## 14218    NE   48    E   SE    20   7
## 14222    E    39  ESE   ESE   15   6
## 14223   ESE   37    E   WSW   19  13
```

```
## 14224      S   61    NE   WSW   13    7
## 14225     SE   56    NE   ESE   17    7
## 14230    ENE   41     E   ENE   26   11
## 14231    ENE   39   NNE   NNE   28   20
## 14232    NNE   39     N    NW   24   30
## 14236      N   33   NNE   SSW   24    6
## 14237     SW   43    NE    SW   22   19
## 14238      S   61    NE   ENE   28   13
## 14239    ENE   39    NE    NE   13   15
## 14244    ESE   44     E   NNE   28    6
## 14245    NNE   61   NNE     N   39   19
## 14246    NNE   52   NNE     N   30   26
## 14250      E   39     E     E   15   15
## 14251     NE   35   ENE    NE   20   17
## 14265    SSW   56   NNE   NNE   19   31
## 14266      W   72     W     W   15   28
## 14267     SW   39    SW    SW   24   22
## 14271     SW   31    NE   SSW   20   22
## 14272      E   30   ENE   ESE   17   15
## 14273      N   37    NE     N   24    9
## 14274      E   35   NNE   SSE   24    6
## 14279    WSW   33    SW     W   24   19
## 14280     SW   37     W     N   11   11
## 14281    WSW   31   SSW   SSW   15   17
## 14285     SW   52   WSW    SW   31   33
## 14286    WSW   39     S   SSW   30   22
## 14288    ENE   35     E     E   28   13
## 14293    SSW   31     E   SSW    9   15
## 14294    NNW   33   NNE   WNW   17   20
## 14295    SSW   43   SSW    SW   22   28
## 14300    WSW   39   SSW   WSW   13   26
## 14314      E   26     E    NE   17    6
## 14316      E   28     E   SSE   17    9
## 14320     SW   37   SSE    SW   11   13
## 14321     SW   44   SSW    SW   11   28
## 14322    SSW   35   SSW   SSW    9   24
## 14323     NW   26   ENE     W   13   17
## 14327    ENE   28     E     N   15    9
## 14328      E   30   ENE     N   19   11
## 14329    NNE   26   NNE     S   15   17
## 14330    ESE   33     E     S   17   13
## 14335     NE   39     E    NE   24   24
## 14336     NE   39    NE    NE   20   13
## 14337     NW   37     N    NW   20   24
## 14341      E   22     E    SE    7   11
## 14342    ENE   30     E   NNW   19   11
## 14343      N   33   ENE     N   15   19
## 14344    WSW   52   NNE   NNE   26   20
## 14349      E   28     E   ESE   17    2
## 14350      E   33    SE    SE    9   15
## 14351    WSW   35   WSW   WSW   11   24
## 14355    ENE   28     E     N   11    9
## 14358      E   31   ESE   ESE   15   15
## 14363      W   52     W   WSW   35   31
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## 14364        W    37      W    SW     9    24
## 14365        W    31    NNE     N    17    17
## 14369      ESE    28    ESE   SSE    15     9
## 14370      ESE    28    ESE    SE    13    15
## 14371      ENE    31    ENE   NNE    17    17
## 14372      ENE    37      E    NE    20    20
## 14377       SW    39    SSW   SSW    22    28
## 14378      SSW    35      S    SW     9    20
## 14379      ENE    33      E    NE    17     7
## 14383      NNE    33    NNE     N    22    22
## 14384       SW    41     SW    SW    28    28
## 14385      WSW    46    SSW    SW    17    35
## 14386       SW    50     SW   WSW    17    26
## 14391      NNW    24    ENE   WNW    13     2
## 14392      NNW    33     NE    NW    20    20
## 14398       SW    33    WNW   WSW     9    20
## 14399      WSW    46    ENE    SW     6    15
## 14400        E    24      E   ENE    15     7
## 14405      ENE    43    NNE     N    30    13
## 14406      WNW    33      W     W    24    17
## 14411       SW    46    SSW   WSW    15    28
## 14412      WSW    37    WSW   WSW    13    20
## 14413       SW    31    SSE   WSW    11    17
## 14414        W    43    ENE   NNE    19    22
## 14420       SW    44    SSW    SW    33    30
## 14421       SW    43    SSW    SW    19    26
## 14425      ENE    31    NNE   SSW    19     7
## 14426       NE    37    NNE   NNE    24    17
## 14427        N    48      N     N    30    24
## 14428       NW    39     NE   WSW    17    20
## 14434      WSW    52    WSW   WSW    22    35
## 14435      SSW    46    SSW   SSW    19    31
## 14440      SSW    28     NE     N    13     9
## 14441      WSW    39    NNE   WSW    19    22
## 14442       NE    28     NE   ESE    17    13
## 14453       NE    39    NNE    NW    28     9
## 14454       SW    50    NNE   NNW    20    13
## 14455      ESE    50    NNE   WSW    17    11
## 14456        E    41      E   NNE    31    11
## 14467       NE    41    NNE     N    30    17
## 14468      WSW    72     NE   NNE    31    17
## 14469      NNE    56     NE   WSW    19    11
## 14470       NE    48      E    NE    24    26
## 14476      SSW    50      N    SW    26    17
## 14477      SSW    52     NE     S    19    39
## 14481      ENE    50    ESE    NE    13     7
## 14482      ESE    26      E   SSE    17     7
## 14483      NNE    33    NNE   SSW    22    15
## 14484       NE    41    NNE     E    28    11
## 14490       NE    33    ENE   WNW    17     7
## 14491       SW    43    NNE    SW    22    13
## 14495      NNE    52    NNE   NNW    35    20
## 14496        W    52      N     W    17    39
## 14497       SW    33    ENE   WNW     7    17
```

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```
## 14498      NNE      41      NNE      NNE      30      17
## 14503      WSW      41      ENE      WSW      17      13
## 14504      NNE      67      NNE        N      26      33
## 14505        N      54       NE        N      22      17
## 14509       NE      37      NNE        N      24      13
## 14510       NE      41      NNE      ENE      30      22
## 14511       NE      56       NE        N      41      28
## 14512        N      41      NNE      NNE      20       9
## 14517      NNE      50      NNE      NNE      24       9
## 14518      ENE      52      NNE      NNW      26      20
## 14519      SSE     117      NNE        N      22      17
## 14523       NE      46      NNE        N      31      17
## 14524       NE      44      NNE       NE      28      11
## 14525      WSW      52      NNE        N      26      20
## 14526      ESE      48      NNE      ESE      30      26
## 14531       SE      48        E        N      28      11
## 14532        E      43       SE        E      11       9
## 14533       SW      33        E        E      19      17
## 14537      ESE      39      ENE        E      19      17
## 14538        E      33        E       SW      26      11
## 14539        E      54       SE        N      11      17
## 14540      SSW      50       SW       SW      20      28
## 14545       NE      43      NNE      NNE      28      15
## 14546        E      50      NNE       NE      22      11
## 14547       NW      48       NE       NE      20      19
## 14551      ESE      39      ESE       NE      20       9
## 14552      ENE      35       NE       SW      19      11
## 14553      NNE      43      NNE        S      30       9
## 14554      NNE      41        N        N      28      20
## 14559      ENE      52       NE       NW      35      15
## 14565      WNW      41      WNW        W      11      20
## 14566        W      50      WNW      WNW      13      30
## 14567      WSW      35      ENE      WSW      11      24
## 14568        E      33       NE        E      13      19
## 14573      ENE      31        E       SE      19      13
## 14574        E      39      ESE      SSE      20       9
## 14575        E      33        E      NNE      24       7
## 14579      SSW      50        N      SSW      15      19
## 14580      WSW      48      NNE        W      17      15
## 14581      WSW      46      NNE      SSW      20      30
## 14582      WSW      46       SW        W      13      19
## 14587      ENE      37        E      SSE      19      17
## 14588      ENE      35      ENE      SSE      22      11
## 14589      NNE      37        N       NW      24       9
## 14593       SW      46      ENE       SW      17      15
## 14594        E      44        E      WSW      20      11
## 14595       NE      43        E        S      22      11
## 14596      NNE      33      ENE      WNW      20      11
## 14601      NNE      37      ENE        E      19      15
## 14602       NE      65      ENE      ESE      15      22
## 14603       NE      48      ENE        N      17      22
## 14607      ENE      48        E      ENE      20       7
## 14608        S      67       NE      WNW      17      11
## 14617      SSE      31        E      SSE      17       9
```

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## 14623     NNE     46     NNE     W      28     22
## 14624     SSW     39     NE      W      13     15
## 14629     E       46     NE      E      20      7
## 14635     WSW     50     N       SSW    28     15
## 14636     E       28     S       WSW    17      7
## 14637     WNW     28     SE      WNW     7      9
## 14638     ENE     37     E       S      17     11
## 14643     S       31     SSE     SW     15     11
## 14644     E       31     NE      S      20     11
## 14645     NE      31     NE      NNW    24      9
## 14649     ESE     54     SE      S      22     24
## 14650     SE      37     SE      SSE    20     15
## 14651     ESE     37     ESE     E      30     11
## 21120     NNW     31     NNW     NW     13     19
## 21121     N       31     NNE     NE     15      6
## 21122     E       35     ENE     SE      6     19
## 21123     ESE     41     ESE     ESE    20     22
## 21124     ESE     52     ESE     ESE    24     28
## 21125     E       48     ESE     ESE    30     24
## 21126     ESE     52     ESE     ESE    28     31
## 21127     E       52     ESE     SE     28     28
## 21128     SSE     61     SSE     SSE    28     33
## 21129     SE      81     SE      ESE    46     33
## 21130     SE      54     SE      SE     30     28
## 21131     SE      37     SE      SE     24     22
## 21132     SSE     35     S       SE     22     20
## 21133     SSE     46     SSE     SE     26     22
## 21134     SE      37     SSE     SE     24     24
## 21135     SSE     26     SE      SSE    13     15
## 21136     NW      30     WNW     N      13     13
## 21137     WSW     50     S       S      15     24
## 21138     SSE     31     SE      SSE    13     19
## 21139     E       35     SE      SE     17     19
## 21140     E       41     ESE     E      22     30
## 21141     E       46     ESE     ESE    26     26
## 21142     E       46     E       ENE    22     30
## 21143     E       52     ESE     E      28     31
## 21144     ENE     46     ENE     E      31     28
## 21145     E       41     ESE     E      20     26
## 21146     SSE     30     SE      SSE    15     22
## 21147     SSE     35     SE      ESE    19     15
## 21148     ESE     41     ESE     SE     22     22
## 21149     SE      41     SE      SE     22     26
## 21150     ESE     43     SE      ESE    24     26
## 21151     SE      37     ESE     SE     17     22
## 21152     SSE     35     SE      SE     17     22
## 21153     E       37     E       E      20     20
## 21154     E       35     SE      ESE    15     17
## 21155     ESE     44     ESE     ESE    26     22
## 21156     SE      67     SE      SE     28     39
## 21157     SE      61     ESE     ENE    31     26
## 21158     N       43     NNE     N      19     26
## 21159     NNW     56     N       N      20     22
## 21160     NNW     33     NNW     WNW    15     20
```

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```
## 21161      N    37    NE   NNE   17   17
## 21162      N    50     N    NW   28   24
## 21163     SE    44   SSE   SSE   22   22
## 21164     SE    48    SE    SE   26   22
## 21165      E    46   ESE   ENE   24   28
## 21166    NNW    30   NNE    NW   13   15
## 21167     NE    30    NE   SSE   13    9
## 21168     NE    46   ENE    NE   22   28
## 21169    NNE    44   NNE   NNE   26   28
## 21170    WNW    44   NNW   WNW   20   24
## 21172      S    33    SE    SE   15   19
## 21173     SE    35    SE    SE   20   22
## 21174     SE    41   ESE    SE   20   24
## 21175      E    44   ESE     E   20   30
## 21176     SE    52   ESE   ESE   26   28
## 21178      W    24   SSW     W   11   13
## 21179     NW    28   WNW   WNW   13   20
## 21180      S    24   SSE    SE    9   17
## 21181      E    41   ESE    SE   17   22
## 21182    ESE    41   ESE   ESE   20   24
## 21183      W    31   WNW   WNW   19   20
## 21184     NW    31    NW   WNW   13   13
## 21185    SSE    37     S   SSE   11   24
## 21186    SSE    35   SSE    SE   17   20
## 21187     SE    35    SE    SE   19   20
## 21188     SE    35    SE    SE   17   22
## 21189     SE    37    SE    SE   22   22
## 21190    SSE    35    SE    SE   15   20
## 21191     SE    35   ESE    SE   13   20
## 21192      E    39   ESE     E   20   24
## 21193      E    37   ESE   ESE   19   22
## 21194      E    48     E   ENE   28   30
## 21195      E    37     E     E   28   17
## 21196    ESE    30     E    SE   17   15
## 21197     SE    37   ESE    SE   19   24
## 21198    ENE    41     E     E   26   17
## 21199    ESE    50   ESE   ESE   22   28
## 21200     SE    56   ESE   ESE   28   30
## 21201    SSE    46    SE    SE   24   26
## 21202    ESE    50   ESE   ESE   17   19
## 21203      E    63   ESE     E   41   30
## 21204      E    59   ESE   ESE   31   28
## 21205    ESE    52     E   ESE   28   20
## 21206    ESE    56   ESE   ESE   30   33
## 21207      E    65     E   ESE   39   35
## 21208    ESE    61     E     E   33   37
## 21209      E    57     E   ESE   35   31
## 21210      E    54   ESE   ESE   24   30
## 21211    ESE    61     E   ESE   33   37
## 21212    ENE    67     E     E   35   37
## 21213    ENE    57     E   ENE   35   31
## 21214      E    46   ENE   ESE   24   28
## 21215    ENE    39     E   ENE   26   28
## 21216     NE    28    NE    SE   13    6
```

```
## 21217       SE     30    SSE    SSE     17     17
## 21218      WSW     31    SSE    SSE     15     20
## 21219       SE     35     SE     SE     24     20
## 21220       SE     41     SE    ESE     22     22
## 21221        E     46    ESE      E     24     30
## 21222      ENE     48      E      E     28     24
## 21223      ENE     50    ENE    ENE     30     31
## 21224      ENE     59    ENE     NE     31     35
## 21225       NE     54     NE     NE     31     33
## 21226      ENE     63    NNE     NE     30     22
## 21227       NE     48    ENE    ENE     31     24
## 21228        W     35    SSW      W     17     24
## 21229        W     57    WNW    WSW     24     15
## 21230        E     30      E     NE      9     17
## 21231      NNE     72    NNE    NNE     24     28
## 21232      NNE     63      N    NNW     24     22
## 21233      WNW     35    WNW    WNW     19     22
## 21234      WSW     30    WNW    WSW     13     22
## 21235      ENE     19     NE      W      4      9
## 21236       NE     26     NE    NNE     13     15
## 21238       SW     26    SSW     SW      6      9
## 21239        E     26     SE    ESE     13     13
## 21240       SW     44    ENE    WSW      6     20
## 21241        S     61      S      S     26     26
## 21242        S     37    SSE      S     20     20
## 21243        S     43    SSW      S     24     22
## 21244      SSW     31      S    SSW     13     20
## 21245      SSW     46    WSW      S     17     22
## 21246       SW     39      S     SW     17     19
## 21247       SW     69      W      W     35     37
## 21248      SSW     56    SSW     SW     30     22
## 21249       SW     65      W     SW     31     30
## 21250       SW     65    WSW     SW     35     43
## 21251       SW     56    WSW    WSW     30     28
## 21252        W     39    SSW      W      6     19
## 21253        W     31      W    WSW     19     19
## 21254        W     26      W     NW     13     13
## 21255       NE     37    ENE     NE     11     26
## 21256        N     28    SSE      S     11     19
## 21257      SSE     41      S      S     28     24
## 21258        S     46    SSE     SE     26     22
## 21259      ESE     46     SE      S     17     22
## 21260        E     50      E      E     28     28
## 21261        E     54      E      E     30     28
## 21262        E     54    ESE      E     30     30
## 21263      ESE     52    ESE     SE     30     24
## 21264      SSW     63      S    SSW     26     20
## 21265      SSW     52    SSW    SSW     24     31
## 21266        S     39      S      S     24     22
## 21267      ESE     24    ESE     SE     11     13
## 21269      WSW     48    WNW      W      7     26
## 21270       SW     65     SW      S     39     35
## 21271        S     52    SSE    ESE     24     26
## 21272       SE     39      E    ESE     19     19
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## 21273      NE   44     E      E     22   19
## 21274       E   41     E      E     24   20
## 21275       E   41   ESE      E     22   26
## 21276     ENE   54   ENE      E     28   31
## 21277      NE   50    NE    NNE     20   20
## 21278     WSW   48   WSW    WSW     28   24
## 21280      NW   39    NW     NW     11   11
## 21281     WNW   28    NW      W      7   13
## 21282       W   63     W    WNW     20   30
## 21283       W   56   WSW      W     35   30
## 21285       W   30   WNW    WNW     15   15
## 21286     WNW   44   WNW     SW     20   15
## 21287     ESE   41   SSE    ESE     11   20
## 21288      SE   43    SE     SE     22   22
## 21289       E   46   ESE    ESE     24   20
## 21290       E   50     E    ESE     24   26
## 21291     ESE   50   ESE    ESE     28   24
## 21292     ESE   46     E    ESE     24   22
## 21293       E   37     E    ESE     24   20
## 21294       E   43   ENE    ENE     26   26
## 21295      NE   48    NE    NNE     20   19
## 21296     NNE   44   NNE    NNE     20   24
## 21297     NNW   63   NNE    NNE     24   24
## 21298     WNW   81   NNW    WNW     35   41
## 21299       W   78   WSW    WSW     39   17
## 21300     WSW   30     W     SW     15   17
## 21302      NW   48   NNW     NW     17   24
## 21303      NW   54    NW    WNW     28   28
## 21304       W   83   WNW      W     24   48
## 21305       W   72     W      W     39   43
## 21306       W   57    SW     SW     26   20
## 21307      SW   26     E    SSW      4    7
## 21309     ESE   43    SE     SE     24   22
## 21310       E   80   ESE      E     28   35
## 21311      SW   81    NE     SW     30   28
## 21312      SW   91   SSW    SSW     44   35
## 21313     SSW   41   SSW    SSE     17   15
## 21314     WNW   46    NW     NW     13   20
## 21315      NW   46    NW     NW     20   24
## 21316     NNW   57   ESE      E     19   13
## 21317     NNW   57   WNW      W     26   24
## 21318       W   65    SW     SW     28   26
## 21319      SW   39    SW    WSW     13   15
## 21320      SW   30    SW    SSW     15   20
## 21321     SSW   26   SSW    SSE     11   11
## 21322       W   33     N      W      7   22
## 21323      NW   46    NW    WNW     20   30
## 21324     SSW   56    NW     SW     19   17
## 21325       S   46    SE    SSE     20   22
## 21326     SSE   39    SE     SE     15   15
## 21327      NE   30   ESE     NE      7    9
## 21328       W   61   NNW      W     17   24
## 21330       S   30     S    SSE     15   17
## 21331      NE   28     E     NE      7   17
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## 21332      WSW      19      ENE      WSW       2      11
## 21333       SE      35        S       SE      15      19
## 21334        E      39      ESE        E      17      22
## 21335       SE      37      SSE       SE      15      22
## 21336      ESE      44       SE       SE      20      22
## 21337        E      54      ESE      ESE      30      30
## 21338      ESE      56      ESE      ESE      30      33
## 21339        E      63        E        E      30      39
## 21340      ENE      63        N        W      17      24
## 21341       SW      35        S      WSW      13      17
## 21342      SSE      22        S      SSE      17       9
## 21343      SSE      30       SE      SSE       7      17
## 21344       SW      44        S       SW      20      28
## 21345      WSW      39        W      WNW      22      22
## 21346       SW      46      WSW       SW      22      26
## 21347      SSW      54      WSW       SW      24      28
## 21348      SSW      46       SW       SW      20      24
## 21349        W      46       NW       NW      20      19
## 21350      SSW      85       SW      SSW      39      52
## 21351        S      57        S        S      30      30
## 21352        S      37       SE        S      11      19
## 21353      WSW      24      SSW      WSW      11      15
## 21354       NW      44       NW       SW      28      30
## 21355        S      33        S      SSE      20      15
## 21356      NNW      41        N      NNW      13      19
## 21357      NNW      52       NW       NW      24      30
## 21358       NW      33       NW      WNW      13      17
## 21359      NNE      26      NNE      NNE      17      13
## 21360      WNW      33      NNW        W      11      19
## 21361      NNW      50      NNW      NNW      13      20
## 21362        W      48      SSE       SE       9      17
## 21363       SE      31       NE        E      11       9
## 21364       SE      44       SE       SE      24      22
## 21365       SE      50       SE       SE      28      26
## 21366      ESE      50       SE      ESE      26      22
## 21367        E      50      ESE      ESE      26      19
## 21368      ESE      46      ENE        E      24      26
## 21369      ENE      50      ENE      ENE      22      19
## 21370      ENE      57      ENE       NE      30      31
## 21371       NE      61       NE       NE      39      35
## 21372      NNE      63      NNE      NNE      35      26
## 21373       SW      61       NE       NE      31      28
## 21374      SSW      74       SW       SW      35      35
## 21375      SSW      81        S      SSE      37      35
## 21376       SE      54       SE      ESE      28      28
## 21377       SE      46       SE       SE      24      28
## 21378       SE      39       SE       SE      26      22
## 21379      SSE      41      SSE        S      19      24
## 21380      SSE      28       SE       SE      11      13
## 21381        W      31      WNW       NW      15      13
## 21382      WNW      46       NW       NW      26      30
## 21383      WNW      31      WNW      WNW      19      19
## 21384        E      24       SE      NNE      13       9
## 21385      NNW      43      NNW       NW      15      24
```

```
## 21387        W      50     WSW    WSW     28     31
## 21388       SW      37     WSW     SW     22     22
## 21389      NNW      44     NNW     NW     15     20
## 21390       NW      56      SW    WNW     19     17
## 21391       NW      46      NW    WNW     28     28
## 21392      WSW      54     WSW    WSW     24     31
## 21393       SW      43      SW    SSW     28     24
## 21394        W      33     WSW      W     19     17
## 21395      NNE      39      NW    NNW     15     17
## 21396       NW      52     NNW     NW     24     22
## 21397      SSE      41      SE     SE     22     22
## 21398       SE      39     ESE    ESE     17     17
## 21399        E      44       E    ENE     24     30
## 21400      NNE      70     NNE    NNE     28     35
## 21401        W      63     WNW    WSW     31     43
## 21402       SW      59      SW     SW     33     39
## 21404      SSW      28      SE    SSW      9     19
## 21405      WNW      35     WNW    WNW     15     19
## 21406      NNW      46       N    NNW     22     24
## 21407        N      52       N    NNW     24     22
## 21408        N      41     NNW    NNW     17     13
## 21409       NW      39      NW    WNW     19     28
## 21410       SW      46     WSW     SW     20     28
## 21411      SSW      46     SSW      S     28     28
## 21412       SW      46      SW      S     15     20
## 21413        S      31       S    ESE     19     20
## 21414       SW      35       E    SSW      7     17
## 21415       SW      31     WSW    SSW     13     20
## 21416      SSE      28     ESE    SSE     13     15
## 21417      WNW      26       W    WNW      9     15
## 21418       SW      35      NW      W     17     22
## 21419       SW      54      SW      S     28     26
## 21420        S      44     SSE      S     30     28
## 21421        S      41       S      S     22     24
## 21422       SE      39      SE     SE     19     19
## 21423       SE      37      SE     SE     19     20
## 21424      ESE      39      SE     SE     17     24
## 21425      SSE      33      SE    ESE     15     15
## 21426        W      37       W    WSW     20     24
## 21427      WSW      28     WNW     SW      9     19
## 21428       SW      22     SSW      S      4      9
## 21429       SW      24      SE    SSE      7     13
## 21430      ESE      43     ESE     SE     17     20
## 21431       SE      43      SE     SE     28     24
## 21432        S      39     SSE      S     22     22
## 21433      SSE      35     SSE      S     17     22
## 21434      SSW      33     SSW    SSW     17     24
## 21435      SSW      30     WSW     SW     19     17
## 21436        S      31     SSW     SW     19     20
## 21437        E      30       E     NE     20     13
## 21438      WNW      33     NNE    WNW     11     19
## 21439      WNW      35     WNW    WNW     15     22
## 21440        N      39     NNW      N     15     17
## 21441       NW      44      NW     NW     26     22
```

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## 21442      SE   37   SE    SE    20   24
## 21443     SSE   37    E   ESE    19   19
## 21444      NE   35   SE   NNE    13   15
## 21445     ENE   35    E   ENE    15   13
## 21446     ENE   33    E     E    17   17
## 21447      SE   39   SE    SE    15   28
## 21448      SE   39  SSE   SSE    20   24
## 21449     SSE   35   SE    SE    22   24
## 21450       E   35    E     E    20   22
## 21451     WNW   35  NNW   WNW    15   20
## 21452      NW   31   NW     N    15   15
## 21453       N   44  NNE    NE    26   26
## 21454     NNW   30  NNW     N    17   15
## 21455      NW   41  NNW   WNW    22   22
## 21456      SW   31  SSW     S    19   15
## 21457     SSE   35  SSE   SSE    24   22
## 21458       S   30    S   SSE    15   19
## 21459       W   26  NNE    SE    11   13
## 21460     SSE   28    S   SSE    13   13
## 21461      NE   28  ESE     E    17   13
## 21462     ENE   30  ENE   ENE    11   17
## 21463      NE   31   NE   ENE    15   17
## 21466     SSE   31   NE    SE    17   11
## 21467      SE   30   SE    SE    15   15
## 21468      SE   52  WSW    SE    15   26
## 21469      SE   52   SE    SE    26   28
## 21470     ESE   46  ESE    SE    19   24
## 21471       E   35  ENE   ENE    28   22
## 21472     ENE   35  NNE   NNE    17    7
## 21473     WNW   33   NW   WNW     9   22
## 21474     WSW   28    W    SE    15   17
## 21475     ENE   48  ENE   ENE    28   31
## 21476       E   48    E     E    31   30
## 21477     ESE   35    E    SE    22   22
## 21478       E   48  ENE   ENE    28   28
## 21479       E   50    E     E    35   31
## 21480       E   41  ESE   ENE    11   22
## 21481     ENE   41    E   ENE    26   24
## 21482     ENE   33    E     E    20   22
## 21483      SE   26  ESE    SE    13   15
## 21484      SE   41   SE   ESE    15   24
## 21485       E   50    E     E    26   31
## 21486      NE   35   NE    NE    19   22
## 21487     NNE   37    N    NW    19   19
## 21488     WNW   30    N     E    13    9
## 21489     ESE   41  ESE     E    17   28
## 21490     ESE   46   SE     E    22   30
## 21491       E   33    E     E    26   19
## 21492     SSE   37   SE    SE    19   20
## 21493       E   44  ESE     E    20   26
## 21494     SSE   31   SE   SSE    19   17
## 21495     SSE   44    W     S    19   19
## 21496     SSE   43  SSE     S    24   20
## 21497      SE   33   SE    SE    13   19
```

```
## 21498       S    37       S    SSE    19    24
## 21499     SSW    35       S    SSW    20    24
## 21500     SSE    31     SSE    SSW    20    22
## 21501     SSW    22     SSE     SE     9     4
## 21502     ENE    37     NNE    NNE    13    20
## 21503     NNE    50      NE     NE    28    31
## 21504       N    57      NW     SW    13    26
## 21505     WSW    48     WSW    WSW    28    31
## 21506     SSE    37     SSW    SSE    20    24
## 21507     SSE    33     SSW      S    19    24
## 21508       S    33     ESE      S    13    19
## 21509       S    28       E    SSE     6    13
## 21510      SW    24      NE      N    11     6
## 21511     ESE    33     ENE    SSE    17    15
## 21512      SE    39      SE     SE    22    24
## 21513       E    41      SE     SE    17    24
## 21514      SE    41      SE     SE    17    28
## 21515      SE    48      SE     SE    28    28
## 21516       S    33       S     SE    20    20
## 21517       E    54     ESE    SSE    20    22
## 21518       E    63       E      E    30    37
## 21519       E    74       E      E    41    41
## 21520       E    69       E      E    39    37
## 21521     ENE    54       E      E    30    31
## 21522       E    54       E      E    33    33
## 21523     ENE    41       E      E    24    28
## 21524       E    41       E      E    26    28
## 21525      SE    35      SE     SE    17    22
## 21526       E    35      SE     SE    19    24
## 21527       E    41       E      E    28    26
## 21528     ENE    31      NE     NE    22    17
## 21530     ENE    31     ENE     SE    17    19
## 21531       E    30     ENE     SE    17    17
## 21532       S    31      SE    SSE    13    20
## 21533     SSW    35     SSW    WSW    24    22
## 21534      SE    52     SSE     SE    24    31
## 21535     ESE    46     ESE    ESE    20    26
## 21536       E    52     ENE      E    30    30
## 21538       E    33       E      E    20    20
## 21539      NE    20      NE      S    11    13
## 21540      SE    26      SE     SE    11    19
## 21541      SE    44      SE     SE    26    26
## 21542       E    52       E     SE    31    26
## 21543       E    35      SE     SE    15    22
## 21544     ENE    33     ENE    ENE    20    20
## 21545     NNW    41       N    WNW    11    24
## 21546      SE    41     SSE     SE    19    19
## 21547      SE    43     SSE     SE    20    24
## 21548     SSE    41      SE     SE    24    24
## 21549      SE    39     SSE     SE    17    24
## 21550       E    44      SE      E    26    28
## 21551       S    41       S     SE    20    20
## 21552       S    33      SE    SSE    17    24
## 21553       S    33     SSE    SSE    13    19
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## 21554       SSE      35        S      SSE      19       22
## 21555        SE      52       SE       SE      19       28
## 21556       ESE      52       SE       SE      26       28
## 21557       ESE      48       SE       SE      24       28
## 21558       ESE      35        E       SE      26       20
## 21559        SE      35       SE       SE      11       19
## 21560        SE      46      SSE      SSE      28       22
## 21561        SE      41      SSE       SE      22       24
## 21562         E      52        E      ESE      31       30
## 21563       ENE      41        E        E      30       28
## 21564       ENE      41        E      ENE      22       24
## 21565        NE      39      ENE       NE      20       22
## 21566        NE      31       NE      ENE      26       15
## 21567       SSW      22        E       SE       6       13
## 21568         S      35      SSE       SE      17       19
## 21569        SE      37       SE       SE      20       19
## 21570         E      37       SE        E      15       24
## 21571         E      43       SE        E      15       20
## 21572         E      52        E      ESE      31       28
## 21573         E      50        E        E      31       30
## 21574         E      63        E        E      35       33
## 21575         E      59        E        E      37       31
## 21576       ENE      54        E      ENE      30       33
## 21577         E      35      ESE        E      22       22
## 21578        SW      30      WSW      WSW      13       20
## 21579        SW      43       SW      SSE      11       19
## 21580        SW      43       SW       SW      26       31
## 21581       SSE      39        S      SSE      17       20
## 21582       SSE      31       SE        E      15       15
## 21583       ENE      52       NE       NE      28       30
## 21584        NE      56       NE      ENE      15       20
## 21585         E      54        E        E      35       33
## 21586         E      48        E      ENE      30       30
## 21587        NE      35      NNE       NW      19       13
## 21588       SSE      31      SSE       SE      20       15
## 21589       ESE      28      ESE       SE       9       17
## 21590        SE      35       SE       SE      19       24
## 21591         E      48      ESE        E      20       28
## 21592       ESE      44      ESE      ESE      24       24
## 21593         E      43      ESE       SE      20       19
## 21594       ESE      33      ESE       SE      19       17
## 21595        SE      33      ESE       SE      17       17
## 21596       SSE      33      ESE       SE      17       20
## 21597        SE      30       SE       SE      11       11
## 21598         E      43        E        E      20       26
## 21599         E      43        E        E      22       26
## 21600         N      41       NE      NNE      19       24
## 21601        NW      35       SW      SSE      17       17
## 21602         E      37        E      ENE      20       15
## 21603       ENE      24       NE       NE       9       15
## 21604        SW      24       NW      WSW       7       13
## 21605       SSE      33      SSE       SE      17       19
## 21606       ESE      46       SE      ESE      20       17
## 21607       ESE      39        E      ESE      26       20
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## 21608       E   50  ESE    E    17    28
## 21609     ENE   52  ENE  ENE    33    30
## 21610      NE   61  ENE   NE    26    26
## 21611     NNE   83   NE  NNE    43    33
## 21612       W   72  WNW  WNW    41    43
## 21613     WSW   69  WSW  WSW    39    39
## 21614      SW   80   SW   SW    43    44
## 21615     SSW   54  SSW   SW    22    24
## 21616     WSW   39    W  WSW    20    26
## 21617     WSW   44   NW    W    19    15
## 21618     WNW   56  WNW   NW    22    24
## 21619       W   56    W    W    20    33
## 21620     WSW   57  WSW  WSW    19    22
## 21621     WSW   37  WSW   SW    17    15
## 21622       W   30  WNW  WNW    15    19
## 21623      NW   57   NE  ENE    13    26
## 21624      SW   48    W   SW    20    26
## 21625     WSW   26  WSW    W    11    13
## 21626      NE   50  NNE   NE    11    22
## 21628      SW   50    S   SW    22    24
## 21629     SSW   33  WSW   SW    15    17
## 21630     NNW   50   NW  NNW    22    13
## 21631      NW   56  NNW   NW    20    20
## 21632     SSE   41  SSE    S    19    24
## 21633       S   37    S    E    15    15
## 21634     ENE   48  ENE   NE    28    26
## 21635       N   35  NNW  NNW    17    17
## 21636      NW   31  WNW    W    15    11
## 21637     WNW   28   NW    W     7    13
## 21639      NE   59    E  ENE    26    26
## 21640      NE   76  NNE  WNW    39    17
## 21641      NW   63  WNW  WNW    30    33
## 21642     WSW   65  WNW    W    28    30
## 21643     WSW   54   SW   SW    26    26
## 21644     SSW   46    S   SE    15    13
## 21645      NW   72  NNW   NW    19    28
## 21646     WSW   76   SW   SW    37    26
## 21647     WSW   43   NW   NW    13    20
## 21648      SW   41   SW   SW    22    26
## 21649       S   33  SSW    S    19    15
## 21650     SSE   39    S  SSE    17    17
## 21651       E   43  ESE  ESE    19    19
## 21652       E   48    E    E    26    28
## 21653     ENE   43    E    E    20    20
## 21654     WSW   30    S   SW     9    15
## 21656      SE   31  ENE  SSE     4    11
## 21657     ESE   39  ESE  ESE    24    22
##        Humidity9am Humidity3pm Pressure9am Pressure3pm Cloud9am Cloud3pm Temp9am
## 6050            20          13      1006.3      1004.4        2        5    26.6
## 6051            30           8      1012.9      1012.1        1        1    20.3
## 6053            42          22      1012.3      1009.2        1        6    28.7
## 6054            37          22      1012.7      1009.1        1        5    29.1
## 6055            19          15      1010.7      1007.4        1        6    33.6
## 6056            26          19      1007.7      1007.4        8        8    30.7
```

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## 6057    33    15    1011.3    1009.9    3    1    25.0
## 6058    25     9    1013.3    1009.2    1    1    20.7
## 6059    46    28    1008.3    1004.0    1    5    23.4
## 6060    61    14    1007.9    1005.8    1    5    24.0
## 6061    27     9    1012.6    1010.1    0    1    29.8
## 6062    40    15    1013.6    1010.4    0    2    29.1
## 6063    25    15    1012.9    1010.1    1    3    31.5
## 6064    24    15    1012.4    1009.0    4    6    31.4
## 6065    19     8    1014.1    1012.3    0    0    25.0
## 6066    25     5    1016.3    1013.8    0    1    19.9
## 6067    46    19    1016.4    1013.5    1    2    21.6
## 6068    34    29    1013.1    1009.6    7    6    26.2
## 6069    54    14    1011.1    1008.5    1    7    27.0
## 6070    46    52    1012.0    1009.8    4    7    28.9
## 6071    71    63    1008.6    1006.2    7    7    24.4
## 6072    89    50    1008.6    1006.7    7    4    24.7
## 6073    46    23    1008.6    1008.3    2    6    28.1
## 6074    19    10    1013.1    1011.8    1    1    26.4
## 6075    50    16    1014.6    1012.1    0    1    28.7
## 6076    45    22    1015.2    1012.6    1    3    29.0
## 6077    37    17    1014.4    1011.5    0    2    29.6
## 6078    31    14    1014.6    1011.2    0    1    29.9
## 6079    34    18    1013.8    1010.5    0    1    29.9
## 6080    35    18    1015.2    1011.9    1    2    29.0
## 6081    34    16    1012.9    1009.8    5    3    30.1
## 6082    32    20    1010.4    1007.1    5    2    32.0
## 6083    42    17    1008.4    1005.0    1    2    29.9
## 6084    50    21    1007.0    1003.5    0    4    28.2
## 6085    33    14    1005.9    1003.3    1    3    32.6
## 6086    25    16    1007.5    1005.2    1    2    35.6
## 6087    22    14    1010.4    1008.3    1    0    32.1
## 6088    23     9    1009.9    1007.3    0    1    31.6
## 6089    24    12    1008.6    1006.9    5    5    26.1
## 6090    26    14    1010.2    1008.8    7    4    19.6
## 6091    38    19    1011.9    1010.1    0    0    14.8
## 6092    44    25    1013.2    1010.0    6    6    17.4
## 6093    66    53    1013.8    1012.2    7    7    18.5
## 6094    81    93    1014.3    1013.2    7    7    17.1
## 6095    66    56    1012.1    1011.2    5    6    18.9
## 6096    65    97    1011.2    1010.7    7    7    19.2
## 6097    94    77    1011.9    1010.2    8    7    16.6
## 6098    69    53    1009.0    1006.2    3    6    20.1
## 6099    66    28    1008.7    1007.1    0    3    22.1
## 6100    45    19    1011.0    1009.6    2    4    25.9
## 6101    39    25    1012.5    1010.8    1    1    23.0
## 6102    52    19    1013.3    1011.2    0    2    22.3
## 6103    53    30    1012.8    1010.4    3    4    25.9
## 6104    60    34    1013.5    1011.7    3    4    25.6
## 6105    69    32    1014.9    1013.2    2    2    23.6
## 6106    25    19    1014.7    1013.0    0    1    24.0
## 6107    55    22    1014.5    1011.7    1    1    22.5
## 6108    41    18    1010.9    1008.1    6    2    25.8
## 6109    33    14    1011.4    1010.1    6    3    20.4
## 6110    31    31    1013.4    1012.7    7    6    23.1
```

```
## 6111    28    20    1012.8    1008.6    7    1    25.0
## 6112    46    21    1016.0    1015.6    8    1    18.6
## 6113    50    29    1016.9    1014.2    1    0    15.1
## 6114    52    28    1014.8    1012.0    0    0    16.7
## 6115    42    18    1014.6    1012.4    0    0    18.7
## 6116    29    13    1014.2    1012.0    0    0    22.6
## 6117    52    29    1015.8    1013.2    3    6    22.5
## 6118    49    34    1014.9    1013.7    7    7    24.2
## 6119    54    34    1016.9    1014.4    1    1    21.8
## 6120    54    35    1016.2    1013.2    6    5    23.9
## 6121    86    43    1016.1    1013.3    5    6    20.0
## 6123    47    25    1014.5    1012.2    1    0    17.1
## 6124    43    34    1015.1    1012.6    0    3    16.0
## 6125    58    25    1015.6    1013.6    0    0    15.9
## 6126    41    23    1015.8    1012.9    0    0    20.2
## 6127    39    16    1014.7    1012.7    5    1    21.3
## 6128    29     9    1014.5    1011.9    0    1    23.8
## 6129    40    14    1014.7    1011.9    1    3    22.8
## 6130    46    19    1014.4    1011.9    7    1    21.9
## 6131    35    17    1014.5    1012.5    2    1    24.8
## 6132    30    12    1014.9    1013.7    1    1    25.1
## 6133    29    14    1017.3    1016.0    2    5    25.7
## 6134    31    13    1019.2    1016.8    5    4    25.2
## 6135    46    18    1021.3    1019.3    3    1    22.5
## 6136    52    23    1021.2    1018.9    0    1    20.6
## 6137    40    18    1020.3    1017.3    5    6    20.6
## 6138    43    24    1019.5    1016.3    3    1    20.4
## 6140    55    36    1016.3    1014.1    1    6    20.4
## 6141    67    40    1017.9    1015.1    0    6    21.9
## 6142    60    36    1018.0    1014.8    2    6    23.6
## 6143    51    30    1020.2    1018.0    0    0    16.3
## 6144    40    17    1019.8    1016.3    0    0    16.9
## 6145    53    23    1021.2    1018.6    0    0    16.4
## 6146    44    26    1023.6    1020.0    0    0    13.8
## 6147    57    32    1023.0    1019.8    1    3    19.9
## 6148    45    32    1021.2    1016.9    7    7    20.1
## 6149    97    76    1021.3    1019.3    7    7    16.9
## 6150    94    63    1023.1    1020.2    7    5    17.6
## 6151    89    68    1022.9    1020.2    7    5    18.5
## 6152    92    71    1020.6    1016.4    7    7    18.9
## 6154    56    23    1014.6    1012.0    0    1    22.0
## 6155    52    22    1015.1    1011.2    5    2    17.3
## 6156    38    27    1017.7    1015.7    0    0    17.2
## 6157    50    29    1020.9    1018.2    0    0    17.9
## 6158    46    25    1020.3    1016.3    0    0    18.9
## 6159    52    23    1019.6    1016.1    0    1    18.0
## 6160    52    33    1021.0    1016.8    1    1    17.2
## 6161    58    30    1021.8    1018.0    4    1    17.9
## 6162    57    28    1018.5    1013.7    0    4    17.5
## 6163    51    36    1009.2    1003.6    8    6    18.5
## 6164    64    36    1010.3    1006.0    1    5    17.1
## 6165    54    37    1011.1    1010.7    1    6    13.1
## 6166    58    34    1017.7    1015.2    0    1    12.6
## 6167    78    41    1020.7    1018.6    7    3    14.7
```

```
## 6168        57        34        1021.6        1018.9        7        2        11.4
## 6170        49        31        1024.9        1021.6        6        6        14.0
## 6171        39        29        1025.6        1022.5        0        1        15.2
## 6172        54        22        1026.0        1023.5        0        1        14.8
## 6173        55        25        1028.3        1025.8        0        1        15.6
## 6174        41        18        1029.7        1025.9        1        2        16.4
## 6175        45        25        1027.4        1023.0        1        3        16.2
## 6176        45        25        1025.5        1022.7        1        1        14.8
## 6177        65        27        1027.7        1024.3        0        0        12.6
## 6178        55        27        1025.1        1020.7        0        0        12.9
## 6179        45        25        1022.2        1019.1        0        0        15.2
## 6180        52        27        1022.6        1019.2        0        4        15.1
## 6181        42        29        1021.5        1018.0        0        4        16.3
## 6182        45        30        1019.1        1016.4        1        4        15.6
## 6183        51        35        1019.4        1016.6        0        3        13.4
## 6184        50        32        1019.6        1016.6        1        1        15.3
## 6185        56        46        1018.1        1016.4        2        6        15.5
## 6186        64        35        1022.3        1018.5        7        6        12.3
## 6188        96        91        1018.7        1015.6        8        8        13.9
## 6189        96        91        1016.1        1014.9        8        8        13.1
## 6190        64        49        1018.2        1016.2        7        5        15.4
## 6191        64        49        1018.5        1015.4        1        3        14.8
## 6192        68        50        1017.5        1015.7        2        4        16.8
## 6193        66        49        1021.2        1019.0        2        2        16.9
## 6194        67        50        1022.6        1019.1        6        5        15.4
## 6195        87        63        1020.8        1018.5        7        7        13.9
## 6196        96        76        1021.5        1018.8        8        7        12.7
## 6197        74        44        1023.1        1020.5        3        2        10.7
## 6198        82        45        1023.7        1021.8        2        4         7.8
## 6199        74        52        1025.6        1023.6        0        4        11.7
## 6200        76        63        1027.7        1025.2        8        8        11.6
## 6201        95        95        1026.5        1023.8        8        8        11.4
## 6202        97        97        1023.8        1021.6        8        8        12.6
## 6204        97        40        1020.4        1017.1        7        4        12.2
## 6205        86        40        1018.4        1015.5        3        3        10.9
## 6206        72        92        1014.4        1011.2        5        7        11.5
## 6207        79        70        1011.3        1010.4        2        7        10.2
## 6208        78        55        1014.9        1013.5        1        8        11.5
## 6209        84        57        1017.4        1015.1        1        7         8.8
## 6211        79        46        1026.6        1024.1        0        1         5.6
## 6212        73        50        1025.4        1021.3        3        7         6.9
## 6213        68        32        1017.6        1012.6        6        2         8.3
## 6214        61        26        1012.1        1009.7        6        2        10.8
## 6215        68        60        1013.0        1011.6        6        7         7.9
## 6216        91        39        1021.0        1020.3        5        2         9.9
## 6217        73        42        1026.2        1024.3        0        6        10.6
## 6218        78        47        1027.3        1024.6        1        2        10.2
## 6219        83        51        1026.2        1023.1        2        6        10.2
## 6220        76        42        1023.2        1018.5        6        7        12.2
## 6221        78        55        1019.6        1016.6        7        6        13.6
## 6222        86        44        1018.8        1017.2        1        1        13.2
## 6223        84        32        1018.7        1015.2        5        5        12.1
## 6224        48        38        1016.3        1014.2        1        1        11.3
## 6225        73        51        1016.3        1013.1        7        6         9.4
```

## 6226	81	95	1010.3	1006.6	7	7	9.3
## 6227	96	94	1006.7	1005.6	7	7	11.0
## 6228	90	62	1010.0	1009.3	7	5	11.3
## 6230	65	43	1012.9	1007.2	7	7	14.1
## 6231	52	25	1012.4	1011.0	0	0	12.6
## 6232	59	50	1015.9	1013.5	1	5	10.4
## 6233	83	49	1016.0	1015.5	7	5	10.0
## 6234	85	70	1021.3	1020.2	6	7	9.9
## 6235	79	55	1021.8	1019.7	7	6	10.6
## 6236	77	50	1022.5	1019.5	7	4	7.1
## 6237	85	40	1022.1	1020.1	2	1	5.7
## 6238	74	50	1025.1	1023.2	3	3	9.5
## 6239	64	42	1027.8	1024.9	1	1	9.8
## 6240	78	42	1025.2	1021.1	2	2	9.1
## 6241	65	42	1019.7	1015.2	4	3	10.9
## 6242	59	56	1013.3	1011.5	7	8	12.7
## 6243	95	46	1011.6	1009.7	7	7	9.8
## 6245	98	92	1008.9	1009.3	8	7	8.1
## 6247	79	55	1023.0	1021.4	4	7	7.3
## 6248	80	44	1023.5	1020.0	3	5	8.7
## 6249	60	39	1023.7	1021.7	1	0	10.2
## 6251	48	38	1019.8	1015.2	7	6	12.7
## 6252	61	90	1012.0	1010.2	6	8	16.5
## 6253	74	49	1019.1	1020.3	1	3	9.2
## 6254	75	38	1027.0	1024.7	0	1	8.0
## 6255	66	40	1025.3	1021.0	1	2	9.8
## 6256	91	77	1018.1	1013.5	8	7	9.1
## 6257	99	74	1022.6	1022.7	8	7	6.0
## 6258	80	52	1027.0	1025.1	2	6	9.3
## 6259	72	56	1028.4	1027.0	1	7	11.6
## 6260	90	55	1027.9	1024.6	3	7	10.2
## 6261	71	50	1025.4	1023.8	8	5	11.4
## 6262	73	48	1028.6	1026.2	0	2	11.1
## 6263	64	41	1029.4	1025.4	0	0	12.1
## 6266	64	31	1022.9	1020.7	5	2	11.4
## 6267	50	31	1023.0	1018.2	5	2	13.1
## 6268	40	30	1018.1	1018.4	1	1	15.0
## 6269	48	27	1025.2	1021.4	0	1	8.3
## 6270	55	26	1020.7	1016.5	7	7	7.7
## 6271	48	16	1016.1	1012.2	7	7	10.7
## 6272	55	29	1012.7	1011.1	1	1	12.8
## 6273	43	32	1014.6	1012.2	1	1	14.5
## 6274	53	38	1017.8	1016.1	0	7	14.0
## 6275	46	32	1021.9	1018.8	0	1	15.5
## 6276	43	23	1020.8	1016.5	0	0	13.7
## 6277	25	22	1013.4	1008.8	7	6	17.6
## 6278	47	28	1021.2	1021.8	0	1	13.1
## 6279	36	24	1029.4	1025.8	0	0	13.4
## 6280	51	21	1026.9	1021.5	2	3	12.8
## 6281	37	28	1019.8	1015.3	6	1	16.6
## 6282	37	16	1009.3	1004.8	6	8	18.7
## 6283	68	56	1012.1	1010.6	7	8	14.7
## 6284	69	29	1011.2	1007.0	7	5	17.2
## 6285	74	44	1010.5	1006.5	7	6	17.8

```
## 6286        42        32      1015.5     1013.0       4        4       12.2
## 6287        51        30      1021.4     1018.4       0        0       12.0
## 6288        34        15      1019.9     1015.4       0        4       15.5
## 6289        32        19      1017.8     1013.4       3        7       16.6
## 6290        40        20      1004.8     1005.0       7        7       20.7
## 6291        47        26      1020.0     1017.8       1        3       11.3
## 6292        44        31      1023.5     1020.0       1        1       11.9
## 6293        47        28      1023.7     1020.2       0        2       15.2
## 6294        40        21      1022.5     1017.5       0        0       15.8
## 6297        57        31      1019.7     1017.2       0        0       13.0
## 6298        45        26      1017.3     1011.4       0        2       14.5
## 6299        40        26      1006.6     1006.5       3        4       16.3
## 6300        71        36      1013.9     1012.7       3        3       12.5
## 6301        56        29      1017.2     1014.2       1        1       12.1
## 6303        30        15      1022.6     1018.8       0        0       17.1
## 6304        18         6      1022.1     1018.6       0        0       21.8
## 6305        17         7      1018.8     1015.8       0        0       22.9
## 6306        34        21      1021.6     1018.1       0        0       16.6
## 6307        17        14      1020.9     1016.9       5        3       17.8
## 6308        20         6      1019.6     1015.5       0        0       18.5
## 6309        21        25      1013.4     1013.9       5        8       24.7
## 6310        77        35      1022.6     1018.9       3        1       14.7
## 6311        46        27      1019.4     1014.8       1        3       19.8
## 6312        35        34      1015.4     1012.4       6        7       22.4
## 6313        51        94      1013.8     1007.9       7        8       18.4
## 6314        65        43      1003.9      998.3       7        7       20.0
## 6315        78        45      1008.3     1011.2       7        6       11.4
## 6316        52        26      1019.4     1015.2       0        1       14.8
## 6317        29        12      1013.6     1005.8       0        2       19.8
## 6318        38        24      1013.4     1011.4       1        5       11.4
## 6319        45        23      1018.5     1014.8       2        1       11.3
## 6320        41        22      1016.9     1012.8       1        0       11.0
## 6321        36        16      1017.2     1013.0       1        3       15.0
## 6322        15         6      1018.0     1013.1       1        0       20.6
## 6323         9         1      1013.3     1007.9       0        0       25.0
## 6324        24        10      1006.8     1002.1       7        2       24.6
## 6325        59        32      1014.2     1013.3       7        6       12.7
## 6326        55        36      1017.8     1016.1       6        5       14.4
## 6327        54        28      1020.3     1018.6       1        3       16.2
## 6328        44        23      1021.6     1018.2       1        4       15.1
## 6329        51        26      1020.6     1019.3       0        2        9.7
## 6330        42        17      1023.3     1020.9       0        0       10.3
## 6331        34        16      1024.2     1021.6       0        1       13.6
## 6332        45        16      1024.4     1020.5       1        7       14.3
## 6333        39        13      1019.2     1014.1       1        1       17.3
## 6334        50        73      1008.0     1007.1       7        7       19.0
## 6335        33        19      1007.6     1003.3       0        4       16.6
## 6336        47        28      1008.7     1008.8       2        4       14.7
## 6337        38        29      1013.6     1011.7       7        7       16.0
## 6338        46        22      1019.9     1018.6       1        2       11.6
## 6339        46        30      1023.4     1021.4       0        5       14.4
## 6340        40        20      1026.4     1023.8       0        0       16.3
## 6341        27        13      1026.3     1022.6       0        0       19.4
## 6342        15        11      1022.6     1018.8       0        0       23.5
```

```
## 6343      12      7    1020.1    1017.4    1    6    27.2
## 6344      13      5    1018.5    1016.7    3    5    27.6
## 6345      19     13    1019.0    1016.7    3    3    28.0
## 6348      95     94    1015.9    1014.0    8    8    12.0
## 6349      75     55    1020.4    1018.4    7    7    15.5
## 6350      73     57    1021.9    1019.4    7    6    18.6
## 6351      64     30    1020.4    1017.7    5    5    21.6
## 6352      61     32    1021.4    1019.0    1    7    22.5
## 6353      46     24    1021.7    1018.6    2    3    25.3
## 6354      39     24    1021.5    1018.3    1    3    26.6
## 6355      29     17    1019.6    1015.7    2    3    29.6
## 6356      18     10    1013.8    1010.3    6    7    31.2
## 6357      48     20    1017.8    1015.8    7    3    18.5
## 6358      27     16    1019.1    1016.3    1    1    19.9
## 6359      55     20    1020.0    1017.5    0    2    21.7
## 6360      53     33    1024.1    1021.6    1    4    21.4
## 6361      55     27    1024.9    1021.7    1    4    22.6
## 6362      44     23    1023.0    1018.9    1    2    24.6
## 6363      46     20    1020.5    1017.1    0    2    24.1
## 6364      22     15    1020.9    1017.9    0    1    27.8
## 6365      20     10    1018.8    1014.4    1    2    31.5
## 6366      21      7    1014.7    1011.0    1    1    30.0
## 6367      43     16    1013.6    1009.7    1    1    25.2
## 6368      16      8    1010.7    1007.9    1    1    32.1
## 6369      12      8    1008.0    1003.8    1    7    34.3
## 6370      16      9    1006.8    1004.6    1    1    28.8
## 6371      24      8    1008.4    1005.2    1    1    27.3
## 6372      16      6    1009.6    1006.0    7    5    31.1
## 6373      13      6    1008.2    1004.4    1    6    37.3
## 6374      32     19    1009.6    1004.6    2    1    30.2
## 6375      42     51    1006.1    1008.2    8    7    28.6
## 6376      64     79    1018.3    1018.5    8    8    18.3
## 6377      70     36    1018.2    1015.2    7    7    19.6
## 6378      44     22    1017.4    1013.0    1    6    27.5
## 6379      73     65    1011.5    1011.3    7    7    24.0
## 6380      41     24    1012.5    1009.4    0    1    24.8
## 6381      35     12    1009.3    1005.2    0    1    21.6
## 6382      42     25    1006.2    1005.4    3    1    20.0
## 6383      43     25    1010.3    1008.1    1    7    20.7
## 6384      50     19    1013.6    1012.5    1    2    19.1
## 6385      37     11    1019.1    1016.6    0    1    20.2
## 6386      28      9    1019.0    1015.4    0    1    23.7
## 6387      33      7    1015.8    1013.1    0    1    25.0
## 6388       6      4    1015.5    1013.1    1    1    24.6
## 6389      24     13    1014.8    1012.0    1    1    24.6
## 6390      16      7    1012.6    1009.1    1    2    29.1
## 6391      10      5    1006.6    1002.6    1    7    31.5
## 6392      49     15    1011.6    1008.7    1    1    19.0
## 6393      14     13    1008.6    1007.1    6    8    26.7
## 6395      22      9    1019.1    1015.5    2    1    21.1
## 6396      30     14    1017.3    1014.4    1    1    24.1
## 6397      23     11    1016.5    1014.0    1    1    27.1
## 6398      42      9    1017.1    1013.9    0    1    27.2
## 6399      24      6    1014.9    1011.7    1    3    31.2
```

```
## 6400        20        14     1013.0      1009.3      1     5     34.4
## 6401        96        71     1015.6      1016.0      8     7     18.8
## 6402        25        15     1017.8      1014.9      1     0     22.5
## 6403        24        13     1016.5      1013.0      1     3     25.6
## 6404        22        12     1012.9      1008.9      3     3     27.2
## 6405        39        13     1009.9      1007.4      1     4     27.7
## 6406        44        20     1011.7      1008.8      1     3     29.5
## 6407        36        25     1008.5      1004.5      7     7     31.3
## 6408        97        84     1007.7      1006.9      8     8     20.4
## 6409        69        73     1010.7      1009.7      7     7     21.5
## 6410        93        71     1011.9      1009.4      8     7     22.0
## 6411        89        54     1012.8      1011.2      8     5     23.3
## 6412        69        39     1016.7      1014.7      1     3     25.1
## 6413        52        42     1017.7      1014.6      5     7     24.8
## 6414        71        50     1014.7      1012.6      7     7     23.5
## 6415        96        86     1011.1      1008.9      8     8     21.3
## 6416        81        46     1008.2      1007.1      6     6     24.0
## 6417        40        16     1015.0      1013.0      1     1     20.7
## 6418        58        13     1015.0      1012.0      0     2     23.1
## 6419        58        84     1014.3      1013.8      2     7     28.2
## 6420        68        32     1015.3      1012.3      5     7     25.9
## 6421        26        15     1013.7      1010.8      6     5     25.6
## 6422        51        27     1016.0      1013.3      1     3     27.0
## 6423        46        26     1017.3      1015.2      0     3     28.9
## 6424        41        18     1016.8      1013.5      1     2     30.7
## 6425        33        14     1013.9      1010.3      1     1     33.0
## 6426        21         9     1011.2      1007.5      1     1     33.9
## 6427        38        27     1009.7      1009.4      1     4     30.0
## 6428        36        22     1014.2      1011.7      4     1     22.5
## 6429        48        25     1013.4      1009.4      1     6     28.1
## 6430        51        20     1010.2      1005.8      2     3     28.9
## 6431        42        13     1008.5      1007.1      1     1     21.9
## 6432        32        14     1010.5      1009.3      0     1     17.2
## 6433        29        12     1012.9      1011.2      0     0     18.1
## 6434        18         6     1013.7      1010.6      0     0     23.2
## 6435        12         6     1011.7      1008.7      1     1     29.1
## 6436        14         2     1010.4      1007.4      0     0     31.8
## 6437        24        12     1009.2      1007.3      0     1     32.9
## 6438        22        13     1010.8      1008.5      1     1     26.9
## 6439         9         8     1010.0      1007.3      1     6     29.5
## 6440        11         6     1009.8      1006.7      1     1     31.5
## 6441        26        13     1009.0      1006.3      2     3     34.1
## 6442        28        22     1007.5      1006.4      7     7     30.2
## 6443        33        18     1007.7      1006.9      4     3     27.9
## 6444        43        19     1011.9      1009.2      1     2     27.1
## 6445        45        29     1010.4      1007.5      5     7     26.5
## 6446        64        32     1010.4      1008.0      7     7     25.2
## 6447        48        20     1010.3      1007.1      7     5     23.6
## 6448        59        87     1008.0      1005.9      7     8     24.0
## 6449        99        53     1006.9      1003.8      8     7     19.8
## 6450        93        76     1006.3      1007.1      8     7     22.0
## 6451        83        91     1012.1      1011.4      7     7     20.5
## 6453        80        76     1018.1      1016.2      7     7     24.5
## 6454        77        48     1018.8      1017.3      1     3     24.1
```

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## 6456        52        34        1015.4        1012.1        1        5        28.5
## 6458        97        92        1010.0        1007.7        8        8        21.4
## 6459        96        76        1002.8        1004.7        8        7        22.5
## 6460        64        37        1009.6        1008.8        2        1        21.8
## 6461        66        35        1012.2        1011.2        1        2        22.8
## 6462        69        33        1013.5        1012.9        0        1        23.3
## 6463        65        38        1016.7        1016.2        0        1        22.8
## 6464        54        39        1019.4        1017.1        1        3        20.7
## 6465        61        32        1018.0        1014.8        2        3        23.3
## 6466        51        25        1016.9        1014.2        1        2        25.8
## 6467        55        30        1015.8        1012.4        5        6        26.6
## 6468        41        30        1016.4        1015.3        1        1        22.8
## 6470        64        34        1018.8        1017.4        1        4        22.5
## 6471        55        35        1021.5        1018.6        1        3        22.6
## 6472        52        27        1018.7        1016.1        6        7        24.0
## 6473        48        30        1015.8        1013.2        8        8        24.8
## 6474        51        48        1013.4        1010.6        8        8        19.5
## 6475        58        30        1012.3        1010.6        7        6        18.5
## 6476        59        30        1013.7        1010.5        1        5        19.0
## 6477        86        88        1009.8        1007.2        8        8        18.9
## 6478        86        66        1005.6        1004.4        7        7        22.0
## 6479        93        52        1010.2        1008.5        7        3        22.4
## 6480        92        70        1009.1        1005.7        7        7        22.7
## 6481        55        27        1011.5        1011.6        1        1        19.6
## 6482        62        41        1017.7        1016.8        0        5        18.9
## 6483        64        31        1023.4        1022.4        0        1        16.0
## 6484        61        41        1025.9        1024.6        1        5        16.6
## 6485        59        33        1030.5        1028.0        6        3        17.6
## 6486        60        37        1030.3        1027.2        1        6        19.0
## 6487        68        39        1026.9        1022.9        6        5        18.1
## 6488        63        35        1023.4        1020.3        6        5        20.2
## 6489        48        25        1021.8        1019.1        1        5        23.0
## 6490        50        21        1023.4        1021.5        1        1        21.6
## 6491        32        18        1024.0        1021.0        0        1        22.8
## 6492        49        26        1021.4        1019.2        1        2        23.2
## 6493        43        20        1021.2        1018.5        0        1        25.1
## 6494        40        20        1019.7        1017.1        6        4        25.2
## 6495        43        18        1019.8        1017.5        1        1        21.8
## 6496        44        13        1020.7        1018.9        0        0        17.5
## 6497        37        15        1021.5        1018.1        0        1        19.1
## 6498        42        13        1019.7        1016.8        0        1        21.6
## 6499        39        14        1019.3        1016.3        1        2        22.5
## 6500        38        20        1018.5        1015.7        6        7        24.2
## 6502        51        33        1015.9        1014.2        7        8        25.4
## 6503        94        74        1018.3        1016.7        7        7        19.4
## 6504        86        43        1018.7        1015.8        2        6        19.9
## 6505        66        31        1019.1        1017.1        1        5        20.5
## 6506        51        21        1019.0        1016.0        1        1        19.0
## 6507        53        26        1018.6        1015.5        1        7        19.2
## 6508        50        24        1018.9        1015.1        5        6        21.1
## 6509        51        24        1017.7        1013.5        1        3        19.9
## 6510        98        95        1015.1        1013.8        7        8        17.9
## 6511        89        66        1013.8        1012.1        7        7        20.7
## 6512        78        48        1018.5        1016.4        7        7        19.8
```

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## 6513          67          56          1015.3          1011.6          7          8          19.0
## 6514          74          56          1012.2          1009.7          2          5          21.5
## 6515          73          44          1014.3          1012.3          7          7          19.2
## 6518          60          26          1022.9          1019.9          6          4          14.4
## 6519          57          27          1021.8          1019.0          0          0          15.9
## 6520          40          29          1023.5          1020.4          1          3          20.1
## 6521          51          31          1025.1          1021.9          2          3          19.7
## 6522          58          27          1023.9          1020.5          6          3          19.6
## 6523          57          40          1023.0          1019.9          3          6          21.5
## 6524          58          36          1022.5          1018.4          3          6          22.2
## 6525          61          32          1021.3          1018.2          4          6          21.1
## 6526          51          30          1022.3          1018.8          5          5          22.8
## 6527          53          32          1021.3          1016.7          1          3          24.0
## 6528          49          30          1016.3          1011.8          7          7          23.7
## 6529          92          44          1018.4          1019.1          6          3          15.3
## 6530          57          30          1025.6          1021.5          0          1          15.7
## 6531          70          34          1021.2          1018.7          8          5          13.0
## 6533          55          35          1024.5          1021.9          0          1          17.2
## 6534          60          42          1026.5          1023.1          0          1          16.1
## 6535          68          28          1026.3          1022.9          0          1          15.8
## 6536          48          24          1025.8          1023.0          1          1          18.8
## 6537          42          25          1024.5          1020.1          6          4          18.7
## 6538          48          24          1019.9          1014.8          2          4          20.7
## 6539          57          32          1019.0          1018.5          1          0          13.1
## 6541          56          36          1024.7          1021.6          1          2          14.1
## 6542          57          34          1024.0          1020.4          0          1          14.7
## 6543          60          31          1022.2          1018.0          1          1          16.7
## 6544          36          21          1019.4          1014.8          0          1          16.9
## 6545          27          38          1015.6          1015.6          1          0          19.7
## 6547          57          30          1024.9          1020.8          0          0           9.5
## 6548          59          36          1021.4          1017.1          0          1          11.3
## 6551          58          30          1018.0          1015.5          7          7          15.1
## 6552          74          35          1019.3          1017.6          0          5          12.2
## 6553          46          26          1022.7          1020.3          1          1          14.9
## 6554          49          33          1021.5          1018.8          7          7          12.9
## 6555          57          27          1020.9          1018.0          6          1          12.4
## 6556          48          28          1021.6          1018.7          0          1          13.5
## 6557          55          29          1020.8          1016.3          1          4          13.0
## 6558          58          96          1014.6          1010.9          7          8          14.7
## 6559          99          84          1008.1          1002.4          8          8          14.4
## 6560          93          74          1009.0          1009.3          8          7          13.3
## 6561          89          55          1017.7          1015.6          1          5          12.4
## 6562          84          57          1017.5          1012.2          7          7          14.3
## 6563          85          69          1007.7          1006.5          8          7          12.2
## 6565          92          81          1013.0          1013.5          8          8          12.3
## 6566          91          66          1019.1          1016.9          6          7          11.8
## 6567          79          75          1019.2          1018.3          7          7          13.3
## 6568          85          52          1022.4          1020.2          7          6          10.3
## 6569          90          58          1020.5          1017.7          3          3          10.4
## 6570          82          50          1019.9          1017.3          1          1          10.7
## 6571          77          50          1021.5          1021.7          6          2           9.6
## 6572          91          60          1026.0          1023.3          4          7           7.0
## 6573          88          47          1024.0          1020.0          1          1           7.5
## 6574          70          52          1017.9          1016.9          7          4           8.1
```

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## 6575    82    47    1024.9    1023.7    1    1     7.8
## 6577    82    49    1025.7    1024.7    6    3     9.0
## 6578    79    34    1029.9    1027.4    1    1     6.2
## 6579    70    31    1031.9    1028.7    1    3     9.0
## 6580    70    44    1029.8    1026.6    1    7    12.2
## 6581    68    47    1026.4    1021.5    7    7    11.2
## 6582    97    54    1018.6    1015.3    8    1    12.2
## 6584    73    52    1024.7    1023.1    1    4     9.8
## 6585    78    65    1028.2    1027.0    7    7    13.1
## 6586    87    49    1033.0    1031.3    2    7    12.5
## 6587    92    52    1032.8    1030.8    8    6     9.5
## 6588    70    50    1032.6    1029.2    3    5    12.6
## 6589    73    47    1028.0    1023.5    1    3    12.3
## 6590    73    52    1022.3    1019.0    1    6    13.7
## 6591    87    51    1023.2    1022.1    8    2    10.0
## 6593    89    47    1022.9    1020.5    1    2     4.7
## 6594    67    39    1022.6    1019.7    0    0     6.6
## 6595    60    34    1022.7    1020.3    1    2     7.4
## 6596    57    35    1024.9    1023.7    1    7     9.1
## 6597    96    95    1027.1    1024.9    8    8     7.7
## 6598    98    62    1031.6    1030.7    7    6     4.9
## 6599    93    47    1030.6    1026.8    7    6     5.4
## 6600    83    46    1024.0    1019.4    6    7     7.2
## 6601    89    58    1022.7    1021.6    7    7     5.2
## 6602    84    51    1026.0    1023.5    7    7     4.9
## 6603    79    45    1026.1    1023.0    2    3     9.3
## 6604    80    42    1027.0    1023.8    1    1     9.4
## 6605    70    52    1022.9    1020.5    3    7    12.0
## 6606    75    59    1022.4    1020.3    7    7    14.7
## 6607    76    41    1022.5    1019.2    6    7    11.7
## 6608    96    98    1015.9    1012.1    8    8    15.3
## 6609    70    48    1017.3    1016.8    1    2     9.8
## 6610    84    55    1023.8    1023.6    3    6    10.0
## 6611    74    55    1028.1    1025.8    5    2     8.1
## 6612    80    42    1027.9    1024.6    0    0     7.8
## 6613    67    39    1022.8    1018.8    0    1     9.5
## 6614    71    59    1019.0    1018.1    7    7    10.3
## 6615    98    49    1026.0    1024.0    3    1     4.4
## 6616    72    49    1028.1    1026.5    5    6     7.4
## 6617    92    32    1031.8    1029.7    1    1     4.8
## 6618    71    34    1033.0    1030.0    0    1     8.2
## 6619    74    51    1030.0    1026.5    7    7     9.0
## 9059    51    58    1005.9    1002.3    1    5    26.5
## 9060    68    67    1010.9    1011.4    7    7    23.4
## 9061    70    59    1019.3    1018.8    8    7    21.7
## 9062    62    45    1019.5    1017.0    5    2    22.5
## 9063    54    62    1015.7    1012.7    1    6    24.6
## 9064    55    58    1012.9    1011.0    0    1    27.1
## 9065    60    66    1012.3    1009.7    5    5    26.7
## 9066    70    71    1009.4    1008.8    7    8    25.8
## 9067    85    73    1015.7    1015.9    8    8    20.0
## 9068    59    47    1015.5    1013.5    2    2    21.2
## 9069    55    63    1013.7    1012.0    2    2    23.2
## 9070    67    63    1014.5    1014.3    5    3    24.8
```

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## 9071       64       62       1019.1       1017.2       3       1       24.2
## 9072       58       49       1017.8       1015.9       3       1       24.9
## 9073       50       57       1013.9       1010.4       0       1       25.1
## 9074       68       74       1011.0       1008.8       3       5       26.3
## 9075       93       84       1016.6       1017.8       8       8       19.1
## 9076       69       57       1021.2       1020.1       6       7       20.9
## 9077       59       55       1019.9       1016.8       5       7       22.3
## 9078       64       60       1016.9       1014.0       7       5       23.4
## 9079       58       61       1014.9       1012.0       6       7       26.8
## 9080       76       68       1013.2       1010.6       7       8       24.7
## 9081       70       71       1011.7       1009.1       5       4       27.3
## 9082       68       70       1008.6       1006.2       2       4       29.3
## 9083       94       76       1014.9       1015.3       8       8       22.3
## 9084       87       76       1018.2       1017.0       7       3       23.0
## 9085       92       72       1018.9       1017.8       6       3       23.2
## 9086       78       66       1017.7       1017.3       3       3       24.9
## 9087       74       59       1018.3       1017.6       4       2       25.4
## 9088       87       57       1018.8       1017.1       7       1       22.9
## 9089       69       55       1019.1       1016.9       6       3       25.5
## 9090       61       62       1015.9       1015.1       5       5       26.6
## 9091       83       62       1014.9       1012.7       7       6       24.8
## 9092       88       74       1011.8       1009.5       7       6       22.3
## 9093       80       59       1010.8       1009.3       6       1       24.7
## 9094       81       60       1010.2       1008.7       5       1       24.3
## 9095       62       59       1011.9       1011.4       1       1       26.4
## 9096       62       55       1015.3       1013.9       1       1       26.6
## 9097       64       57       1013.3       1010.2       3       1       25.7
## 9098       68       61       1010.1       1008.8       1       1       24.3
## 9099       68       73       1010.0       1005.8       6       8       26.2
## 9100       73       66       1006.8       1006.1       8       7       23.6
## 9102       88       89       1020.9       1019.5       7       7       19.6
## 9103       90       83       1017.8       1012.6       8       8       18.6
## 9104       95       74       1007.2       1006.7       8       7       19.2
## 9108       72       78       1008.5       1006.2       2       6       23.8
## 9109       78       85       1010.6       1010.0       1       6       25.1
## 9110       75       71       1011.9       1010.6       3       2       24.5
## 9111       75       69       1016.4       1015.8       4       2       22.7
## 9113       62       55       1016.6       1014.2       1       1       25.2
## 9114       66       73       1015.8       1013.5       3       6       26.2
## 9115       95       60       1017.5       1016.0       7       3       19.8
## 9116       62       55       1015.5       1014.3       2       2       21.7
## 9117       67       58       1010.8       1008.1       1       1       22.0
## 9118       66       70       1008.2       1008.1       1       1       24.8
## 9119       72       70       1014.7       1013.9       6       7       24.3
## 9120       95       67       1017.9       1015.4       8       6       21.2
## 9121       68       80       1012.0       1007.7       3       7       26.5
## 9122       38       39       1009.6       1008.1       1       0       20.0
## 9123       68       58       1012.7       1010.4       0       1       20.2
## 9124       72       64       1013.5       1010.4       1       2       23.1
## 9125       72       63       1015.1       1015.0       2       3       24.9
## 9126       78       75       1018.7       1017.6       4       8       23.5
## 9127       83       60       1018.9       1017.9       6       6       22.0
## 9128       85       90       1020.7       1020.1       4       7       21.0
## 9129       84       65       1021.5       1020.1       5       7       21.0
```

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## 9130    68    60    1018.9    1016.6    2    5    23.3
## 9131    67    68    1016.3    1012.8    1    1    24.0
## 9132    90    68    1012.9    1008.5    6    2    22.0
## 9133    67    77    1010.3    1008.6    3    7    23.4
## 9134    82    65    1012.0    1011.2    6    4    21.4
## 9135    73    64    1017.9    1016.5    6    5    21.2
## 9136    76    66    1017.2    1015.0    5    5    23.2
## 9137    77    69    1016.9    1015.3    3    5    22.3
## 9138    82    70    1016.7    1015.1    5    5    22.4
## 9139    78    63    1017.0    1015.1    7    5    20.6
## 9140    84    63    1017.6    1016.2    1    1    21.3
## 9141    75    56    1020.2    1018.5    1    1    22.5
## 9142    65    49    1021.9    1019.9    1    1    22.6
## 9143    65    52    1022.2    1018.8    1    1    22.6
## 9144    72    92    1020.2    1019.7    3    8    22.3
## 9145    71    64    1022.8    1021.7    2    4    20.8
## 9146    67    73    1021.4    1019.4    5    5    21.3
## 9147    89    89    1017.7    1015.2    8    8    19.7
## 9150    84    71    1019.8    1018.6    7    7    23.1
## 9151    92    90    1020.7    1017.3    7    8    20.7
## 9152    90    81    1016.4    1015.1    7    7    22.7
## 9153    95    95    1017.5    1014.8    8    7    19.6
## 9154    70    73    1016.9    1015.5    3    5    23.3
## 9155    82    88    1022.7    1021.5    7    7    20.2
## 9156    63    54    1025.0    1022.4    3    1    20.5
## 9157    89    74    1024.4    1022.0    7    5    18.1
## 9158    83    61    1024.5    1021.4    7    7    20.4
## 9159    73    71    1025.7    1023.5    7    8    22.8
## 9160    89    77    1023.9    1020.8    7    7    20.9
## 9161    95    95    1020.8    1018.6    8    8    20.0
## 9163    76    55    1012.2    1009.7    1    2    23.1
## 9164    54    50    1015.3    1011.9    0    0    21.7
## 9165    71    61    1014.3    1012.7    0    1    21.4
## 9166    50    58    1016.9    1015.0    3    6    21.1
## 9167    60    50    1014.0    1011.4    3    4    21.1
## 9168    61    90    1013.3    1012.9    5    8    20.8
## 9169    94    63    1017.1    1015.5    8    7    16.7
## 9170    86    71    1020.1    1017.4    8    7    17.1
## 9171    66    56    1019.3    1016.5    2    3    20.0
## 9172    63    61    1014.7    1009.7    2    7    20.3
## 9173    53    50    1007.0    1004.1    0    0    24.2
## 9174    50    32    1007.3    1003.6    1    1    21.9
## 9175    42    43    1015.1    1013.5    0    1    17.6
## 9176    48    40    1018.8    1015.0    0    1    19.0
## 9177    57    71    1020.5    1017.4    6    7    17.7
## 9178    52    43    1017.4    1016.4    1    2    18.5
## 9179    65    60    1023.5    1021.1    6    6    18.1
## 9180    70    61    1023.8    1020.5    7    6    18.3
## 9181    69    57    1025.2    1023.6    3    5    18.2
## 9182    74    53    1027.2    1025.3    5    4    17.4
## 9183    77    59    1028.3    1025.7    6    7    16.9
## 9184    91    84    1027.7    1023.9    7    6    16.4
## 9185    71    59    1023.8    1020.3    1    2    18.3
## 9186    62    50    1024.7    1022.2    1    3    19.4
```

```
## 9187        63      50      1022.5      1018.7      2      1      18.5
## 9188        55      69      1020.5      1019.8      2      6      18.9
## 9189        54      61      1023.0      1020.4      2      4      17.9
## 9192        55      43      1015.7      1012.1      1      0      17.8
## 9193        63      35      1016.7      1012.3      1      1      16.3
## 9194        52      42      1013.6      1010.7      3      2      17.3
## 9195        54      51      1017.9      1016.3      1      3      18.3
## 9196        69      84      1022.6      1020.7      6      7      17.1
## 9197        80      68      1022.5      1018.9      8      7      17.3
## 9198        63      55      1018.2      1015.6      8      8      19.5
## 9199        80      82      1015.7      1013.6      8      8      18.4
## 9201        82      69      1017.3      1016.8      8      8      18.8
## 9202        67      60      1023.6      1022.3      7      6      19.7
## 9203        89      81      1024.5      1022.4      7      7      17.0
## 9204        82      73      1022.8      1020.3      6      6      16.0
## 9205        78      56      1020.2      1017.4      5      2      16.3
## 9206        79      72      1019.9      1017.8      2      2      17.2
## 9207        93      70      1020.5      1018.6      5      6      16.2
## 9208        63      53      1024.7      1023.7      3      5      16.8
## 9209        92      58      1030.8      1028.8      7      7      14.3
## 9210        80      85      1030.9      1028.1      5      7      15.1
## 9211        92      76      1028.9      1025.6      6      7      14.5
## 9212        94      76      1025.0      1021.2      6      5      15.8
## 9214        90      70      1015.7      1012.2      3      3      15.9
## 9215        71      48      1015.3      1011.8      2      1      14.5
## 9222        54      52      1019.3      1015.4      7      3      14.5
## 9223        59      49      1016.5      1012.1      1      5      14.1
## 9224        72      59      1014.2      1011.1      6      4      14.2
## 9225        56      45      1016.8      1016.1      0      1      15.5
## 9226        70      70      1022.8      1021.8      2      7      16.5
## 9227        72      85      1025.2      1023.5      7      7      15.2
## 9228        96      81      1025.3      1023.5      7      7      13.8
## 9230        97      78      1023.6      1020.8      8      7      16.2
## 9232        89      69      1019.6      1015.8      5      2      14.7
## 9233        82      59      1016.8      1013.0      3      4      15.3
## 9234        62      76      1015.8      1013.1      7      7      14.7
## 9235        78      70      1012.7      1009.4      7      7      14.8
## 9236        89      68      1006.7      1003.2      7      6      13.6
## 9237        69      55      1007.1      1005.1      3      3      16.5
## 9238        65      35      1013.2      1012.3      0      1      14.8
## 9240        52      47      1010.0      1005.1      4      2      17.9
## 9241        63      39      1011.1      1007.7      7      6      13.2
## 9242        46      23      1006.9      1003.2      3      1      16.5
## 9243        47      31      1012.3      1011.4      0      0      13.4
## 9244        60      37      1016.0      1015.3      6      7      13.2
## 9245        69      47      1021.2      1018.2      6      6      12.8
## 9246        57      58      1021.8      1020.1      6      7      14.1
## 9247        66      89      1026.2      1025.0      4      7      14.6
## 9248        91      76      1026.5      1024.0      6      7      11.7
## 9249        77      74      1023.4      1021.0      6      5      14.1
## 9250        68      55      1020.4      1017.9      3      3      14.7
## 9251        76      60      1017.1      1013.2      1      0      14.6
## 9252        55      66      1009.1      1006.2      1      3      17.0
## 9253        65      46      1009.6      1007.2      2      2      14.4
```

```
## 9254        57        58        1011.1        1009.1        5        7        14.1
## 9256        48        45        1015.5        1015.8        2        5        14.5
## 9257        67        58        1022.7        1019.7        1        1        14.3
## 9258        62        47        1022.3        1020.2        1        1        14.9
## 9259        63        35        1025.6        1022.4        1        0        15.5
## 9260        56        48        1023.9        1018.5        1        4        16.7
## 9261        52        65        1016.6        1012.6        4        7        20.2
## 9262        46        35        1013.5        1012.5        1        0        20.6
## 9263        48        56        1023.6        1023.0        1        1        14.7
## 9264        80        54        1026.4        1023.3        6        4        13.0
## 9265        67        65        1021.4        1016.6        7        7        15.9
## 9266        67        46        1014.6        1015.4        1        1        16.3
## 9267        68        45        1022.9        1020.9        0        1        13.1
## 9268        61        44        1024.5        1022.6        0        1        14.2
## 9269        58        52        1024.9        1020.5        1        1        15.8
## 9270        65        36        1021.8        1018.9        0        0        13.1
## 9272        71        63        1027.6        1023.9        1        1        14.1
## 9273        57        41        1021.7        1019.9        0        0        14.4
## 9274        67        54        1023.1        1018.2        2        8        17.5
## 9275        73        44        1021.9        1020.6        7        5        14.2
## 9276        67        63        1024.2        1020.3        1        3        14.9
## 9277        58        63        1019.8        1014.8        4        3        18.3
## 9278        46        33        1021.2        1018.8        1        1        14.9
## 9279        59        36        1020.5        1017.9        3        2        14.1
## 9281        58        54        1019.6        1015.4        2        5        18.8
## 9282        64        71        1014.0        1009.7        7        7        16.5
## 9283        62        38        1015.5        1012.3        0        0        18.2
## 9284        41        49        1018.0        1016.3        0        1        17.9
## 9285        57        49        1020.5        1017.1        0        0        17.3
## 9286        57        55        1019.4        1013.9        0        0        17.2
## 9287        44        35        1013.7        1009.2        6        3        22.0
## 9288        36        51        1026.7        1025.0        1        1        16.2
## 9289        68        52        1027.8        1023.9        1        1        16.8
## 9290        61        60        1021.1        1016.0        4        4        17.7
## 9291        59        59        1013.9        1007.3        3        6        19.1
## 9292        62        71        1011.9        1011.0        7        7        20.1
## 9293        69        66        1014.1        1009.9        6        3        20.6
## 9294        29        48        1009.1        1004.1        1        1        27.9
## 9295        29        46        1007.0        1006.3        1        2        27.3
## 9296        30        35        1014.2        1013.8        3        1        19.4
## 9297        44        69        1020.0        1015.8        0        0        19.2
## 9298        41        44        1017.5        1014.4        0        0        21.0
## 9299        63        49        1013.7        1005.7        6        3        19.4
## 9300        32        38        1011.2        1010.5        5        5        23.2
## 9301        46        43        1018.7        1015.9        7        1        14.8
## 9302        41        35        1022.6        1019.9        1        0        16.9
## 9303        61        59        1024.1        1021.0        2        2        19.0
## 9304        51        54        1023.7        1019.7        1        5        20.6
## 9305        64        77        1019.3        1014.1        7        7        18.3
## 9306        67        53        1013.5        1013.5        3        3        19.2
## 9307        41        61        1018.3        1015.0        1        2        19.7
## 9308        58        78        1010.8        1006.6        3        7        20.5
## 9309        56        39        1010.3        1008.0        0        3        19.7
## 9310        39        44        1013.5        1010.8        1        1        17.5
```

```
## 9311    50    39    1017.6    1015.0    0    2    17.8
## 9312    29    40    1022.8    1020.6    0    0    19.2
## 9313    39    47    1025.1    1022.6    0    0    20.5
## 9314    37    58    1023.7    1019.8    0    0    22.7
## 9315    35    52    1019.4    1017.2    0    0    23.3
## 9316    62    66    1021.3    1016.4    3    7    21.4
## 9317    60    60    1021.7    1018.2    1    1    22.4
## 9318    52    59    1022.2    1017.3    0    1    23.3
## 9319    65    58    1017.3    1013.9    7    5    21.2
## 9320    54    74    1019.5    1014.0    3    5    20.7
## 9321    36    50    1015.6    1012.5    1    4    24.3
## 9323    88    83    1011.2    1007.6    8    5    19.6
## 9324    29    20    1001.9    1001.6    8    7    23.2
## 9325    37    35    1013.1    1011.0    0    1    20.0
## 9326    41    46    1016.7    1011.4    0    0    20.8
## 9327    30    15    1006.1    1002.2    0    7    25.4
## 9328    21    11    1010.1    1006.0    1    0    18.0
## 9329    23    18    1008.9    1004.6    0    1    17.8
## 9330    34    37    1014.4    1011.8    0    1    19.1
## 9331    49    61    1019.2    1015.0    0    0    21.9
## 9332    47    55    1017.1    1011.4    0    0    22.1
## 9333    30    52    1011.2    1005.6    0    0    28.7
## 9334    51    63    1006.7    1008.1    0    3    25.4
## 9335    94    94    1018.4    1017.8    8    8    15.2
## 9337    67    54    1019.1    1016.3    1    2    17.0
## 9338    60    37    1013.4    1007.6    1    4    20.6
## 9339    36    32    1014.8    1013.7    2    1    16.6
## 9340    45    47    1022.4    1020.7    1    1    16.8
## 9341    51    59    1027.0    1024.7    6    4    17.0
## 9344    59    18    1004.5     998.9    0    3    23.0
## 9345    27    13    1005.0    1001.1    0    2    22.8
## 9346    27    36    1011.5    1007.5    0    1    21.7
## 9350    62    56    1026.9    1024.4    2    2    19.2
## 9351    55    54    1025.1    1021.3    1    1    21.0
## 9354    58    60    1020.0    1015.9    1    7    24.2
## 9355    69    65    1018.2    1015.4    5    2    22.3
## 9356    71    75    1015.3    1011.7    3    6    22.8
## 9357    81    91    1015.5    1016.2    8    8    20.5
## 9361    60    60    1023.4    1021.3    5    1    22.2
## 9362    70    65    1022.8    1021.9    3    5    21.7
## 9363    66    58    1025.0    1022.0    3    2    21.3
## 9364    57    58    1021.6    1018.0    1    1    23.0
## 9365    65    61    1015.3    1011.1    1    5    23.3
## 9367    84    75    1017.9    1016.9    8    8    21.8
## 9374    60    62    1021.0    1017.2    1    1    23.0
## 9375    74    81    1016.1    1016.2    7    7    21.3
## 9376    66    68    1016.4    1013.4    3    1    21.2
## 9377    69    69    1010.8    1009.3    5    1    23.5
## 9378    66    72    1009.0    1004.3    0    3    24.1
## 9379    79    75    1003.3    1006.7    2    8    25.8
## 9380    59    64    1012.7    1011.7    1    8    22.3
## 9381    71    69    1013.2    1010.9    0    1    24.4
## 9382    71    76    1012.3    1009.8    1    1    26.2
## 9383    76    65    1010.2    1007.3    2    0    26.6
```

```
## 9384        64        59        1009.9        1007.7        1        8        27.7
## 9387        67        66        1022.6        1018.9        4        1        24.4
## 9388        62        65        1018.8        1014.8        2        3        25.3
## 9389        72        71        1012.3        1008.2        4        3        23.9
## 9390        61        57        1008.0        1004.9        1        1        27.7
## 9391        58        11        1001.9         998.4        2        1        27.5
## 9392        45        61        1006.3        1005.3        0        1        25.6
## 9393        54        77        1013.8        1013.9        3        7        20.9
## 9394        62        59        1019.3        1018.7        2        6        19.7
## 9395        62        60        1022.2        1019.9        1        1        20.9
## 9396        53        61        1016.8        1014.3        0        1        24.8
## 9397        67        66        1014.0        1009.0        3        6        23.6
## 9398        81        75        1014.9        1014.1        8        2        22.7
## 9399        67        62        1014.1        1008.9        1        1        26.2
## 9400        78        54        1009.5        1003.0        1        3        24.8
## 9401        69        77        1009.7        1008.7        1        7        24.9
## 9402        73        74        1011.2        1009.6        7        7        24.3
## 9403        80        62        1010.7        1012.5        7        7        23.5
## 9404        66        60        1018.2        1015.4        7        4        22.8
## 9405        58        69        1014.6        1012.8        1        0        26.4
## 9406        77        70        1017.7        1016.9        7        5        24.9
## 9410        57        67        1014.1        1015.7        1        6        27.0
## 9411        87        78        1014.8        1013.2        7        6        21.5
## 9412        74        71        1018.8        1017.9        7        7        22.7
## 9413        62        72        1017.3        1015.0        6        2        23.2
## 9414        73        61        1014.9        1011.8        7        7        23.0
## 9415        70        72        1015.4        1014.8        1        1        25.9
## 9416        69        70        1015.7        1012.7        2        1        26.6
## 9417        65        68        1012.6        1010.0        7        6        25.8
## 9418        73        83        1013.8        1012.4        7        8        26.2
## 9419        73        71        1016.7        1014.3        5        5        26.8
## 9420        88        85        1015.4        1013.2        8        7        24.3
## 9421        96        81        1017.6        1017.3        8        6        22.1
## 9422        95        96        1020.3        1019.8        8        8        22.2
## 9423        85        80        1019.3        1017.4        8        7        22.7
## 9424        73        66        1015.9        1012.5        7        6        24.3
## 9425        77        70        1010.9        1006.8        7        6        24.9
## 9426        79        81        1012.0        1012.3        7        7        24.5
## 9427        69        57        1018.8        1018.6        7        5        22.8
## 9429        61        68        1016.0        1013.1        4        7        25.6
## 9430        76        80        1016.0        1014.6        6        5        24.9
## 9431        72        65        1019.1        1018.2        4        2        25.0
## 9432        65        69        1019.4        1017.7        1        1        27.1
## 9433        67        62        1016.3        1014.2        1        1        26.2
## 9434        77        73        1017.0        1016.1        7        2        25.3
## 9435        70        65        1015.2        1012.6        1        1        26.7
## 9436        64        58        1012.0        1009.6        0        1        26.8
## 9437        76        63        1015.4        1013.6        7        1        25.6
## 9438        77        63        1016.2        1014.4        6        1        25.2
## 9439        71        73        1013.0        1010.5        4        5        25.3
## 9440        60        68        1005.9        1002.8        1        5        27.5
## 9441        73        63        1002.9        1000.9        3        1        25.1
## 9442        29        33        1008.6        1008.1        1        1        22.5
## 9443        32        18        1011.6        1009.2        0        0        24.3
```

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## 9444       46      54      1011.9      1010.3      5      7      27.3
## 9445       52      63      1014.2      1012.3      2      3      27.4
## 9446       62      53      1012.3      1009.6      0      0      27.1
## 9447       67      66      1014.3      1012.8      1      1      24.9
## 9448       77      62      1013.7      1011.4      3      5      25.3
## 9449       70      51      1011.6      1008.3      1      3      27.9
## 9450       69      83      1012.1      1012.2      3      8      28.3
## 9451       78      78      1011.6      1008.8      6      6      25.3
## 9452       82      62      1007.8      1008.6      7      7      23.6
## 9453       70      68      1014.8      1014.4      5      3      26.0
## 9454       79      68      1013.7      1012.6      7      7      26.1
## 9455       76      63      1013.6      1012.9      7      7      24.1
## 9456       61      89      1012.5      1011.1      5      8      25.7
## 9458       88      79      1011.3      1009.2      7      7      24.2
## 9459       68      70      1011.0      1009.3      3      3      27.0
## 9460       94      93      1013.1      1013.2      7      8      23.7
## 9462       90      59      1021.2      1019.9      5      6      22.2
## 9463       91      65      1022.1      1020.5      7      4      22.5
## 9464       71      59      1020.2      1018.5      2      1      24.4
## 9465       66      59      1017.8      1015.5      1      2      25.2
## 9466       65      63      1013.0      1009.4      1      1      26.2
## 9467       72      57      1011.7      1009.6      2      5      26.7
## 9468       68      64      1009.7      1006.0      4      4      26.5
## 9469       67      65      1007.0      1004.0      5      5      27.8
## 9470       73      71      1011.1      1010.6      3      4      23.3
## 9471       63      67      1014.0      1013.8      1      3      24.5
## 9472       56      54      1018.6      1019.6      1      5      23.0
## 9473       75      60      1021.5      1020.4      6      4      21.6
## 9474       93      78      1021.3      1019.6      8      6      20.9
## 9475       75      62      1019.5      1016.8      0      4      24.1
## 9476       65      63      1018.4      1015.3      1      1      26.2
## 9477       60      68      1013.5      1011.1      5      5      28.0
## 9478       70      69      1019.9      1020.1      8      8      21.6
## 9479       77      68      1023.3      1023.6      7      7      21.0
## 9480       85      61      1024.4      1022.6      2      2      21.1
## 9481       86      66      1021.6      1019.0      7      7      22.0
## 9482       75      75      1017.2      1014.1      6      8      24.8
## 9483       79      92      1014.2      1013.2      8      8      23.2
## 9484       70      79      1014.6      1012.8      8      8      18.8
## 9485       95      87      1015.7      1014.8      8      8      19.1
## 9486       87      67      1015.2      1013.2      6      6      21.8
## 9487       76      73      1013.1      1010.8      6      6      23.3
## 9488       82      72      1012.9      1012.1      7      7      23.2
## 9489       86      72      1014.5      1012.8      7      7      22.8
## 9490       76      74      1015.3      1013.3      7      7      23.4
## 9491       75      77      1014.4      1013.4      4      5      26.2
## 9492       63      59      1018.7      1018.4      5      5      23.5
## 9493       95      71      1025.5      1026.1      8      8      19.0
## 9494       89      54      1031.5      1030.1      7      7      17.7
## 9495       96      58      1031.0      1028.5      7      4      17.5
## 9496       82      71      1027.2      1025.3      3      6      20.3
## 9497       74      65      1024.1      1021.7      6      7      20.6
## 9498       81      59      1022.3      1021.0      7      7      19.9
## 9499       87      78      1024.9      1023.9      7      7      19.3
```

```
## 9500    72    56    1026.3    1024.4    1    2    22.3
## 9501    87    55    1023.6    1021.1    5    2    21.0
## 9502    69    53    1022.6    1020.8    1    1    22.9
## 9503    65    59    1020.4    1016.6    1    1    23.3
## 9504    64    69    1018.0    1016.6    1    1    24.9
## 9505    86    53    1020.0    1017.9    7    5    22.3
## 9506    75    65    1020.2    1019.2    1    2    22.1
## 9507    75    58    1022.9    1020.4    1    1    22.5
## 9508    68    66    1021.2    1017.9    1    1    23.7
## 9509    70    54    1019.9    1017.8    1    5    23.8
## 9510    79    64    1020.4    1017.6    7    3    23.4
## 9511    67    63    1020.0    1017.3    5    7    24.5
## 9512    63    68    1018.7    1015.7    7    7    24.9
## 9513    81    82    1017.4    1015.1    8    7    21.4
## 9514    75    61    1016.7    1015.1    1    3    21.5
## 9515    66    55    1018.2    1016.2    1    2    21.2
## 9516    50    48    1019.6    1017.0    1    1    21.6
## 9517    64    57    1020.2    1016.9    7    3    20.6
## 9518    61    56    1020.0    1017.4    2    1    21.6
## 9519    79    67    1020.9    1018.6    7    8    21.2
## 9520    67    60    1019.8    1016.3    8    8    22.2
## 9521    61    75    1014.8    1010.9    7    5    23.4
## 9522    57    63    1014.1    1010.4    1    7    23.8
## 9523    71    62    1011.2    1008.1    5    1    23.2
## 9525    57    53    1012.8    1011.5    5    7    24.1
## 9526    46    47    1019.7    1017.7    2    1    21.0
## 9527    52    44    1022.0    1019.6    1    1    21.2
## 9528    63    56    1021.1    1019.6    7    5    21.0
## 9529    62    53    1025.0    1023.2    2    4    22.4
## 9530    80    71    1026.2    1024.2    6    3    20.9
## 9531    87    70    1026.0    1022.9    7    3    20.6
## 9532    86    73    1025.0    1022.5    7    7    20.7
## 9533    94    93    1024.1    1021.2    7    7    18.7
## 9534    87    70    1023.5    1021.0    6    5    20.4
## 9535    72    66    1023.3    1020.7    1    1    22.6
## 9536    67    68    1021.6    1018.0    1    1    22.7
## 9537    65    56    1017.9    1013.4    5    7    24.5
## 9538    66    72    1012.5    1011.2    8    8    23.1
## 9539    50    40    1021.8    1020.8    1    1    18.9
## 9540    55    56    1022.2    1018.4    6    7    19.6
## 9541    53    46    1021.3    1018.2    1    1    22.6
## 9542    58    48    1020.7    1017.4    0    0    20.4
## 9543    51    58    1023.7    1022.0    5    4    20.3
## 9544    64    66    1026.5    1024.0    2    6    20.4
## 9545    66    63    1026.2    1023.0    1    1    21.8
## 9546    75    54    1026.0    1023.2    7    1    20.8
## 9547    96    94    1022.8    1018.7    8    8    17.7
## 9548    73    62    1015.1    1011.6    1    1    20.3
## 9549    45    35    1019.5    1018.8    0    3    16.7
## 9550    58    51    1020.7    1017.8    2    1    17.4
## 9551    63    52    1020.4    1018.7    2    2    19.1
## 9552    74    50    1021.2    1018.1    1    1    19.7
## 9553    72    64    1020.4    1016.7    3    2    19.7
## 9554    61    81    1015.7    1012.3    1    5    20.6
```

```
## 9555      54      39      1015.9      1014.2      0      0      17.7
## 9556      50      26      1018.8      1014.8      1      0      15.0
## 9557      49      39      1017.0      1013.3      0      0      16.7
## 9558      61      35      1016.2      1014.3      0      1      17.1
## 9559      54      58      1019.3      1017.1      3      5      18.6
## 9560      71      72      1019.1      1015.1      7      7      16.1
## 9561      67      52      1015.2      1014.0      2      6      17.2
## 9562      60      54      1019.1      1017.9      3      4      18.1
## 9563      66      64      1021.4      1019.0      3      5      17.5
## 9564      77      74      1019.5      1015.7      7      7      18.6
## 9566      65      66      1020.7      1019.0      7      7      17.1
## 9567      81      72      1020.0      1016.1      7      7      17.5
## 9568      84      59      1012.0      1005.7      6      4      17.0
## 9569      67      36      1004.1      1002.8      3      4      20.3
## 9570      81      83      1013.3      1013.9      7      6      17.1
## 9571      91      64      1021.0      1018.0      7      4      15.5
## 9572      90      63      1012.2      1005.0      7      7      16.7
## 9573      50      35      1007.6      1005.2      4      3      16.8
## 9574      56      51      1010.0      1007.5      1      3      17.2
## 9575      58      53      1016.5      1015.3      6      8      18.3
## 9576      93      93      1019.1      1017.5      8      8      14.9
## 9577      92      94      1019.0      1015.5      8      8      14.7
## 9578      79      79      1011.8      1008.9      3      7      16.9
## 9579      64      52      1009.6      1008.9      6      5      18.1
## 9580      45      39      1012.5      1012.8      1      2      16.5
## 9581      51      54      1020.9      1020.1      1      7      16.4
## 9582      59      57      1022.4      1018.6      1      1      17.0
## 9583      66      33      1015.9      1009.5      7      6      16.2
## 9584      55      33      1016.8      1017.0      3      6      13.0
## 9585      58      46      1021.0      1015.7      7      7      13.2
## 9586      55      44      1019.7      1018.8      1      1      12.7
## 9587      53      76      1026.7      1026.6      4      7      15.5
## 9588      91      75      1032.0      1030.0      7      7      13.8
## 9589      76      89      1031.2      1028.5      5      7      15.0
## 9590      93      62      1028.8      1024.9      5      2      13.2
## 9591      67      60      1021.4      1017.5      8      8      15.8
## 9592      56      48      1018.0      1015.0      1      2      17.8
## 9593      74      52      1019.4      1018.8      1      1      14.8
## 9594      78      43      1025.1      1024.2      1      1      14.7
## 9595      80      63      1030.3      1029.6      6      3      13.9
## 9596      90      71      1034.3      1031.9      7      7      15.3
## 9597      89      61      1033.7      1031.4      5      7      15.1
## 9598      78      67      1030.4      1026.8      5      7      15.9
## 9599      72      52      1027.2      1023.1      5      1      16.5
## 9600      65      76      1020.9      1017.8      2      7      16.6
## 9601      74      63      1018.7      1016.1      7      5      14.9
## 9602      59      56      1020.0      1017.2      1      1      14.0
## 9603      74      53      1020.3      1017.9      1      1      10.9
## 9604      69      45      1020.4      1018.5      3      3      10.5
## 9605      76      59      1024.7      1023.5      6      7      9.1
## 9606      78      95      1026.5      1024.4      7      8      11.5
## 9607      61      38      1023.8      1023.2      1      2      12.1
## 9608      53      51      1027.3      1025.0      1      5      14.7
## 9609      66      68      1025.6      1022.3      3      6      15.0
```

```
## 9610    94    78    1018.4    1013.6    8    7    13.5
## 9611    56    67    1019.4    1018.3    7    8    15.5
## 9612    85    61    1023.5    1021.1    7    5    14.2
## 9613    63    67    1026.1    1024.7    5    6    15.9
## 9614    75    68    1028.3    1024.9    3    2    16.0
## 9615    62    53    1025.6    1021.9    3    2    18.3
## 9616    68    74    1022.4    1020.4    7    5    17.4
## 9617    86    82    1021.4    1017.2    4    7    17.1
## 9618    69    40    1011.8    1011.3    6    1    18.5
## 9619    49    26    1015.9    1015.3    1    1    15.4
## 9620    45    38    1024.1    1021.9    1    4    14.3
## 9621    60    57    1026.9    1024.5    1    1    13.9
## 9622    64    51    1024.6    1019.5    0    1    15.5
## 9623    48    94    1018.0    1015.1    5    7    18.5
## 9624    75    49    1020.0    1018.7    1    6    13.1
## 9625    57    54    1023.3    1021.6    7    6    12.5
## 9626    54    44    1026.3    1024.4    5    5    13.6
## 9627    58    57    1030.0    1028.3    4    7    14.5
## 9628    63    63    1029.2    1026.2    7    3    15.5
## 9629    78    70    1028.4    1025.8    7    7    15.7
## 9630    70    68    1031.1    1030.2    2    7    16.0
## 9631    74    88    1033.8    1030.7    7    8    15.2
## 9632    94    85    1028.1    1023.0    8    8    15.9
## 9633    76    74    1021.2    1017.1    2    8    17.1
## 9634    72    59    1019.6    1016.2    1    6    19.5
## 9635    80    87    1013.9    1013.9    7    5    20.6
## 9638    43    51    1009.7    1011.6    3    4    16.5
## 9639    44    44    1019.0    1016.3    0    1    16.2
## 9640    54    40    1019.2    1015.1    2    2    16.5
## 9641    49    34    1019.8    1017.1    0    1    13.7
## 9642    41    46    1022.6    1019.9    1    1    14.4
## 9643    55    51    1021.9    1018.8    1    0    14.4
## 9644    78    61    1023.6    1020.6    0    1    14.5
## 9645    75    91    1020.7    1017.4    8    8    17.6
## 9646    82    37    1010.4    1006.2    8    6    18.4
## 9647    48    30    1006.1    1003.8    1    1    15.9
## 9648    37    40    1010.8    1010.5    1    1    16.1
## 9650    46    23    1010.5    1007.5    1    3    17.6
## 9651    45    45    1014.8    1011.6    0    0    17.3
## 9652    40    40    1022.1    1020.2    1    1    15.1
## 9655    60    45    1014.2    1011.7    7    6    19.4
## 9656    34    36    1018.7    1016.3    0    0    14.8
## 9657    38    40    1023.9    1021.5    1    7    15.0
## 9658    87    78    1017.3    1010.5    8    7    14.3
## 9659    52    50    1013.4    1011.2    7    7    15.2
## 9660    60    54    1010.1    1006.9    3    8    14.6
## 9661    37    40    1009.2    1004.9    1    1    15.7
## 9662    39    29    1011.8    1010.1    1    0    17.3
## 9663    41    45    1020.9    1020.5    1    3    16.4
## 9664    42    44    1027.7    1024.8    1    1    16.7
## 9665    57    53    1026.8    1023.1    1    3    17.2
## 9666    74    56    1025.9    1021.6    1    1    17.8
## 9667    47    50    1021.7    1016.9    0    1    20.0
## 9668    43    41    1016.1    1012.6    1    6    23.8
```

```
## 9669          89        88       1023.3      1021.3        8         8        17.8
## 9670          92        82       1019.8      1013.0        8         8        19.2
## 9671          45        30       1014.7      1011.2        1         4        23.0
## 9672          35        37       1020.7      1017.5        1         1        18.0
## 9673          42        38       1023.3      1020.5        1         5        18.2
## 9674          54        50       1026.2      1022.6        7         2        15.7
## 9675          63        70       1019.5      1013.6        5         7        19.3
## 9676          88        59       1007.7      1002.1        7         1        19.1
## 9677          34        46       1017.8      1017.2        1         1        18.0
## 9678          53        52       1021.9      1018.2        1         3        20.7
## 9679          56        45       1017.6      1014.4        7         6        18.2
## 9680          66        66       1016.0      1012.3        7         7        19.1
## 9681          38        31       1009.6      1009.4        1         4        20.2
## 9682          32        36       1017.0      1013.1        6         4        17.5
## 9683          34        42       1020.5      1019.3        5         8        17.3
## 9684          41        44       1018.3      1014.1        7         7        17.5
## 9686          94        90       1022.9      1022.0        8         8        14.3
## 9687          86        76       1022.9      1020.0        7         6        17.1
## 9688          66        67       1026.3      1022.1        7         5        17.4
## 9689          59        70       1022.0      1019.9        1         4        22.0
## 9690          72        67       1022.8      1018.8        4         1        21.2
## 9691          63        63       1019.1      1014.8        1         7        22.2
## 9692          36        69       1019.4      1018.0        5         7        22.9
## 9693          50        75       1017.3      1011.8        1         2        23.2
## 9694          51        74       1013.8      1011.0        1         6        24.0
## 9695          48        52       1013.2      1013.6        0         7        21.0
## 9696          52        54       1023.9      1022.8        7         6        15.3
## 9698          88        94       1028.4      1025.4        8         8        16.0
## 9700          93        92       1021.2      1018.1        8         8        18.2
## 9701          88        86       1019.1      1017.8        8         6        19.5
## 9702          96        78       1019.6      1016.6        7         4        18.1
## 9703          75        67       1015.4      1013.6        1         5        22.0
## 9705          80        70       1024.8      1023.4        8         8        17.1
## 9706          89        70       1027.6      1027.5        8         8        15.4
## 9707          66        92       1030.9      1030.3        7         8        19.1
## 9708          70        54       1030.2      1026.9        7         1        19.3
## 9709          61        63       1023.0      1018.3        1         7        20.6
## 9710          69        72       1015.6      1011.1        7         7        19.6
## 9711          74        68       1008.1      1001.3        8         8        20.5
## 9712          38        36       1002.0      1003.5        1         1        17.3
## 9713          33        35       1015.2      1013.6        0         0        14.6
## 9714          49        47       1019.4      1016.5        0         1        18.7
## 9715          45        65       1022.6      1022.4        1         4        19.9
## 9716          82        57       1028.6      1026.0        7         7        18.1
## 9718          58        56       1022.5      1019.1        2         1        21.2
## 9719          60        66       1019.3      1016.4        0         1        21.6
## 9720          68        70       1017.8      1014.9        3         7        21.2
## 9721          94        73       1018.4      1016.8        8         4        16.1
## 9722          72        75       1019.0      1016.9        7         5        19.8
## 9723          75        63       1016.8      1013.7        1         1        21.0
## 9724          74        66       1018.8      1017.5        6         1        20.8
## 9725          71        67       1019.5      1016.9        1         1        20.8
## 9726          64        69       1017.9      1015.2        3         4        22.9
## 9727          68        62       1016.1      1013.4        7         7        21.2
```

```
## 9728    72    71    1015.1    1011.2    8    8    21.3
## 9729    52    42    1013.0    1011.9    1    1    19.6
## 9730    40    44    1018.8    1016.7    1    1    20.6
## 9731    94    75    1016.9    1015.9    8    8    15.2
## 9732    90    91    1018.0    1015.8    7    7    16.6
## 9734    75    68    1021.3    1018.6    7    1    18.3
## 9735    63    71    1021.1    1019.4    7    7    23.2
## 9736    70    72    1025.6    1024.2    2    6    23.5
## 9737    57    64    1024.6    1020.1    3    2    23.2
## 9738    69    92    1017.7    1015.6    7    7    23.6
## 9739    75    66    1015.7    1013.6    1    1    21.6
## 9740    62    62    1019.6    1017.8    1    3    24.9
## 9741    63    64    1020.1    1016.7    1    1    24.6
## 9742    64    57    1015.3    1011.4    6    7    24.1
## 9743    77    92    1012.5    1010.1    7    8    21.8
## 9744    94    80    1014.1    1013.2    8    8    17.9
## 9745    95    90    1014.6    1013.1    8    8    18.7
## 9746    85    81    1016.8    1019.0    6    8    21.1
## 9747    89    57    1025.2    1023.7    8    6    17.1
## 9748    69    56    1024.3    1022.9    8    7    20.0
## 9749    78    55    1024.3    1023.7    7    6    19.7
## 9750    60    57    1026.5    1024.9    6    6    23.2
## 9751    70    51    1026.2    1024.2    3    5    21.9
## 9752    53    54    1023.3    1020.6    5    5    23.2
## 9753    72    60    1020.1    1017.9    6    6    21.3
## 9754    63    55    1018.9    1015.5    3    1    24.0
## 9755    58    57    1015.4    1011.9    7    7    23.3
## 9757    88    73    1014.6    1012.7    8    8    20.7
## 9760    70    72    1017.9    1015.6    7    8    23.9
## 9761    86    86    1013.4    1011.1    8    8    21.1
## 9762    94    93    1012.4    1011.3    8    8    19.8
## 9763    75    65    1013.6    1012.6    5    3    23.2
## 9764    71    67    1016.1    1015.2    4    2    24.2
## 9765    95    75    1018.1    1015.9    7    5    22.0
## 9766    65    70    1015.8    1012.5    3    1    25.8
## 9767    69    64    1009.3    1006.0    6    7    27.0
## 9768    88    83    1007.0    1005.7    7    8    24.4
## 9769    82    65    1006.6    1005.4    1    2    24.3
## 9770    81    73    1011.4    1011.5    6    6    23.5
## 9771    74    76    1013.7    1012.0    5    5    24.1
## 9772    68    63    1010.7    1007.7    1    4    24.7
## 9773    66    57    1005.8    1004.1    7    5    25.5
## 9774    83    80    1005.0    1003.8    7    7    23.3
## 9775    86    77    1005.6    1005.7    7    8    19.8
## 9776    74    79    1006.1    1001.3    8    8    19.7
## 9777    44    15     999.4    1003.2    1    1    22.8
## 9778    40    46    1012.1    1010.2    1    1    21.5
## 9779    59    49    1017.2    1017.7    6    7    24.9
## 9780    93    85    1017.7    1017.4    8    8    20.0
## 9781    82    82    1021.1    1020.2    8    8    23.1
## 9782    97    89    1016.7    1013.2    8    8    19.9
## 9783    78    66    1008.4    1004.1    7    7    24.3
## 9784    87    70    1002.0    1002.8    7    7    23.7
## 9785    95    84    1016.2    1017.1    8    8    18.9
```

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## 9786        74        63        1018.4        1016.2        5        2        22.4
## 9787        62        65        1016.8        1015.9        1        1        24.7
## 9788        67        63        1016.1        1015.8        3        1        25.7
## 9789        58        66        1015.9        1013.3        2        1        25.0
## 9790        69        72        1012.4        1009.6        2        3        27.0
## 9791        82        77        1011.4        1009.2        7        6        25.4
## 9792        63        64        1009.2        1008.3        6        7        25.2
## 9793        65        71        1007.6        1004.5        7        7        23.9
## 9795        95        65        1011.6        1010.5        8        6        20.1
## 9796        77        87        1011.1        1009.4        5        8        23.6
## 9798        82        90        1011.8        1010.3        8        8        24.6
## 9799        85        78        1011.8        1010.7        8        7        24.5
## 9800        95        96        1012.5        1012.1        8        8        22.6
## 9801        74        63        1015.2        1013.6        6        2        24.8
## 9802        74        65        1013.2        1010.9        7        6        24.0
## 9803        68        67        1009.9        1007.9        7        4        24.6
## 9804        71        67        1009.2        1006.8        1        1        24.4
## 9805        61        64        1004.4        1001.7        1        1        24.7
## 9806        78        70        1005.4        1005.4        7        8        25.1
## 9807        75        91        1008.3        1007.9        3        7        25.9
## 9808        78        68        1011.6        1011.4        7        5        22.5
## 9809        71        62        1014.2        1013.2        4        5        23.9
## 9810        87        65        1015.1        1014.3        7        7        20.7
## 9811        65        53        1012.5        1010.9        7        1        22.9
## 9812        61        59        1009.4        1006.3        1        6        24.2
## 9813        61        65        1008.8        1007.2        5        1        27.7
## 9814        70        66        1013.8        1012.7        0        1        26.1
## 9815        66        63        1014.4        1011.2        2        2        26.3
## 9816        84        77        1015.2        1016.5        8        8        24.6
## 9817        63        58        1020.2        1019.6        2        2        22.3
## 9818        72        65        1021.2        1019.0        6        6        23.1
## 9819        64        63        1017.6        1014.4        0        0        25.7
## 9820        64        64        1016.1        1012.6        1        1        26.9
## 9821        68        70        1015.8        1013.9        1        1        28.9
## 9822        70        72        1015.8        1013.7        3        7        28.7
## 9823        72        65        1015.0        1013.4        2        1        28.9
## 9824        67        66        1015.0        1012.3        1        1        28.5
## 9825        66        66        1015.6        1012.4        1        1        29.4
## 9826        81        71        1020.9        1019.2        7        8        19.6
## 9827        82        79        1017.8        1017.0        8        8        19.3
## 9828        70        67        1021.6        1021.7        7        6        21.1
## 9831        65        61        1014.2        1012.1        2        1        26.0
## 9832        78        73        1015.4        1014.6        5        7        25.2
## 9833        96        92        1018.3        1019.1        8        8        20.6
## 9834        93        65        1020.2        1019.0        7        7        21.3
## 9835        92        80        1019.1        1016.4        8        7        21.8
## 9836        83        68        1015.8        1013.0        7        1        23.3
## 9837        70        65        1014.1        1012.8        7        1        26.2
## 9838        85        68        1013.8        1010.4        6        1        24.4
## 9839        63        68        1008.5        1005.8        1        1        28.6
## 9840        88        76        1009.0        1009.1        6        7        25.2
## 9841        89        65        1017.9        1018.5        8        8        18.9
## 9842        74        64        1019.7        1018.5        6        6        19.7
## 9843        65        57        1018.4        1016.1        7        1        20.9
```

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## 9844        70        60        1014.5        1012.9        1        1        23.2
## 9845        78        64        1014.1        1010.6        8        6        22.3
## 9846        67        65        1011.3        1008.2        5        2        24.9
## 9847        77        74        1010.6        1007.8        7        2        25.1
## 9848        79        67        1007.6        1005.0        4        4        24.3
## 9849        82        82        1014.0        1012.5        7        7        24.2
## 9850        88        85        1010.7        1008.4        7        8        22.0
## 9851        90        78        1010.5        1009.0        8        8        22.4
## 9852        95        80        1016.9        1018.7        8        7        20.8
## 9853        75        54        1023.9        1023.5        7        7        18.4
## 9854        85        56        1022.8        1020.7        7        4        19.1
## 9855        87        68        1019.8        1018.0        7        7        21.1
## 9856        68        59        1018.0        1015.3        7        7        22.6
## 9857        69        60        1015.1        1012.5        5        6        22.9
## 9858        73        65        1015.8        1015.1        6        5        24.1
## 9859        80        76        1020.6        1020.5        6        6        23.9
## 9860        78        64        1022.8        1020.5        4        2        23.0
## 9861        69        67        1020.7        1017.6        1        1        25.1
## 9863        76        69        1016.9        1015.0        6        7        23.7
## 9865        87        77        1013.7        1011.5        7        7        22.1
## 9866        82        87        1013.0        1010.3        7        7        22.3
## 9867        87        81        1009.9        1007.6        7        8        21.6
## 9868        86        82        1006.3        1003.4        6        7        22.7
## 9870        80        56        1004.1        1002.1        7        7        22.5
## 9873        57        53        1015.9        1015.2        1        3        21.5
## 9874        61        57        1022.0        1021.4        3        6        21.2
## 9875        86        65        1024.6        1023.0        7        2        18.4
## 9877        89        62        1021.2        1017.7        6        1        20.4
## 9879        59        64        1015.4        1012.8        1        4        19.1
## 9880        58        60        1014.9        1013.0        7        7        20.5
## 9881        63        64        1014.1        1011.7        1        6        20.9
## 9882        87        57        1013.9        1011.7        3        3        17.7
## 9883        57        59        1017.3        1016.8        1        6        19.3
## 9884        50        46        1020.6        1018.1        1        7        18.3
## 9885        46        47        1017.9        1014.9        1        3        18.3
## 9886        64        52        1015.1        1010.8        6        6        16.5
## 9887        71        66        1012.4        1009.8        4        7        15.5
## 9888        57        48        1010.9        1009.9        1        1        16.3
## 9889        48        31        1012.5        1007.9        3        1        16.0
## 9890        48        28        1011.6        1009.3        5        1        15.6
## 9891        53        46        1014.5        1010.8        1        3        16.5
## 9892        46        42        1015.6        1014.6        1        1        15.4
## 9893        43        47        1027.1        1026.3        1        1        15.5
## 9894        64        45        1029.6        1026.7        1        0        17.0
## 9895        53        48        1028.3        1026.3        0        1        14.7
## 9896        58        62        1030.3        1028.1        1        7        18.0
## 9897        77        46        1030.6        1028.3        1        1        18.2
## 9898        81        70        1028.6        1025.5        7        7        16.0
## 9899        90        64        1025.9        1022.4        3        3        16.1
## 9900        90        75        1022.4        1017.9        7        7        16.6
## 9901        91        80        1013.5        1006.9        8        7        16.8
## 9902        63        51        1006.8        1003.1        1        5        18.7
## 9903        49        53        1005.3        1005.2        5        5        17.0
## 9904        45        45        1012.8        1012.9        1        1        16.3
```

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## 9905        61       51       1018.3       1015.9       1       1       18.3
## 9906        62       52       1022.6       1021.0       4       7       16.7
## 9907        75       71       1024.2       1020.8       1       3       15.6
## 9908        95       74       1019.3       1014.2       8       8       12.4
## 9909        78       66       1015.7       1015.0       1       7       14.1
## 9910        81       77       1017.3       1016.3       7       7       16.4
## 9911        79       84       1020.1       1018.1       4       7       17.3
## 9912        62       58       1018.4       1015.1       1       2       17.5
## 9913        82       51       1017.2       1015.0       1       2       15.2
## 9914        82       65       1017.5       1013.7       6       5       14.7
## 9915        68       34       1016.7       1015.8       1       1       16.7
## 9916        84       58       1019.6       1014.4       4       7       11.8
## 9920        61       82       1020.2       1019.2       8       8       15.1
## 9921        91       96       1019.9       1016.5       8       8       12.8
## 9924        88       89       1015.3       1014.1       6       5       15.3
## 9928        58       38       1015.7       1014.5       1       1       15.3
## 9929        74       48       1017.6       1014.8       0       1       12.6
## 9930        58       43       1013.1       1005.5       1       1       15.3
## 9931        38       33       1013.9       1012.2       0       1       12.6
## 9932        59       46       1019.0       1017.4       0       0       13.7
## 9933        78       56       1026.2       1024.9       7       3       12.9
## 9937        91       86       1031.4       1029.6       7       7       14.0
## 9938        91       64       1033.5       1032.0       7       7       14.0
## 9939        78       92       1034.0       1030.7       6       7       14.4
## 9941        74       62       1025.2       1022.6       2       3       15.9
## 9942        91       63       1023.5       1020.3       6       2       13.9
## 9943        63       49       1019.1       1013.9       1       1       16.6
## 9944        46       26       1014.6       1009.7       0       1       17.3
## 9945        49       42       1014.3       1010.9       0       1       14.1
## 9946        39       28       1013.7       1013.9       1       1       16.2
## 9948        67       31       1018.6       1016.1       0       0       10.1
## 9949        60       47       1017.3       1012.7       0       0       10.0
## 9950        64       38       1017.4       1017.5       1       1       12.2
## 9951        70       44       1023.5       1019.8       1       1       12.0
## 9952        88       73       1020.0       1017.9       7       8        9.3
## 9953        64       49       1024.1       1024.2       7       7       13.8
## 9954        64       84       1032.1       1029.7       7       7       12.7
## 9955        78       79       1029.9       1026.2       8       8       12.5
## 9956        79       68       1024.1       1020.9       4       4       14.6
## 9957        88       68       1018.6       1015.1       1       5       14.2
## 9958        70       51       1014.9       1011.1       0       5       12.5
## 9959        55       44       1007.9       1005.9       1       4       16.0
## 9960        47       40       1010.3       1007.7       1       2       17.2
## 9962        52       64       1015.3       1015.1       1       3       15.6
## 9963        54       50       1018.9       1016.6       1       1       14.7
## 9964        67       50       1019.9       1017.7       1       6       13.7
## 9965        47       45       1021.6       1018.7       2       5       16.8
## 9966        52       34       1025.7       1024.5       1       1       13.9
## 9967        56       47       1028.3       1026.1       5       1       15.2
## 9968        71       53       1027.3       1024.3       1       1       14.6
## 9969        89       55       1025.4       1022.2       5       4       12.4
## 9970        60       50       1023.7       1020.4       1       3       16.7
## 9971        68       52       1023.7       1021.3       0       1       15.5
## 9972        65       59       1024.5       1022.1       1       1       15.9
```

```
## 9973       62      56      1025.5    1024.0        0        0     17.5
## 9974       65      56      1029.1    1026.7        1        1     17.9
## 9975       54      37      1029.3    1024.5        2        1     18.4
## 9976       58      62      1024.5    1020.0        1        7     18.4
## 9977       51      65      1018.7    1014.4        0        1     19.9
## 9978       72      41      1012.8    1008.4        1        4     16.5
## 9979       59      53      1009.6    1006.3        6        5     12.8
## 9980       56      37      1010.1    1006.3        1        3     13.2
## 9982       47      69      1014.7    1014.4        1        8     16.2
## 9984       64      76      1025.0    1021.7        6        7     16.8
## 9985       67      56      1024.1    1020.9        1        3     15.5
## 9986       64      89      1021.5    1018.1        1        7     16.7
## 9987       85      66      1020.2    1016.9        7        7     16.0
## 9988       65      43      1012.5    1011.2        7        6     15.3
## 9989       51      55      1015.7    1014.4        1        4     14.6
## 9990       86      81      1022.8    1021.8        7        6     12.6
## 9991       92      64      1029.6    1028.6        7        7     13.0
## 9992       86      76      1033.0    1031.5        7        5     14.1
## 9993       94      79      1032.3    1028.9        8        6     13.6
## 9994       69      99      1028.7    1025.7        5        2     16.1
## 9995       62      60      1026.8    1023.4        7        1     17.1
## 9996       71      51      1025.4    1022.6        0        0     18.2
## 9997       83      96      1022.6    1018.2        8        8     17.1
## 9998       70      62      1019.7    1017.2        1        1     17.3
## 9999       54      79      1018.6    1016.0        5        7     19.8
## 10000      77      77      1021.0    1017.7        4        7     17.3
## 10003      70      49      1026.8    1025.3        3        2     17.0
## 10004      65      58      1030.1    1027.5        7        5     16.2
## 10005      48      54      1029.7    1026.4        6        4     18.3
## 10006      67      60      1029.3    1025.3        4        1     17.6
## 10007      55      55      1024.6    1019.5        1        1     19.4
## 10008      53      71      1018.9    1015.9        1        5     20.7
## 10009      70      75      1020.6    1016.3        6        5     19.4
## 10010      71      89      1009.5    1004.7        8        7     17.8
## 10011      38      23      1009.7    1007.9        1        1     14.2
## 10012      38      37      1014.2    1011.5        0        1     17.5
## 10013      44      65      1020.6    1021.7        2        5     16.1
## 10014      45      53      1027.7    1023.3        1        0     17.9
## 10015      40      33      1025.0    1021.1        1        0     18.8
## 10018      44      21      1017.4    1015.0        0        1     22.6
## 10019      27      18      1017.8    1014.7        5        7     26.7
## 10020      64      73      1022.3    1017.1        5        1     21.4
## 10021      34      44      1013.4    1006.7        1        1     23.6
## 10022      28      35      1021.1    1018.7        1        0     19.3
## 10023      52      51      1024.9    1021.1        1        0     21.0
## 10024      52      67      1019.7    1015.7        0        5     22.2
## 10025      70      75      1020.4    1016.2        5        6     20.4
## 10026      85      78      1014.9    1011.0        7        6     17.5
## 10027      77      61      1019.7    1018.8        6        5     16.2
## 10028      48      45      1022.7    1020.0        1        6     18.7
## 10029      52      56      1018.7    1014.3        8        8     19.4
## 10030      86      70      1007.8    1000.1        8        4     16.3
## 10031      35      40      1008.8    1005.1        3        2     19.3
## 10032      77      87      1007.4    1003.6        7        7     13.9
```

```
## 10033       51       89      1007.7      1009.4       7       8       15.7
## 10034       61       64      1019.2      1018.4       7       7       16.1
## 10035       52       58      1022.1      1020.2       4       2       16.5
## 10036       49       44      1022.2      1018.2       6       7       16.9
## 10037       85       66      1016.6      1012.8       8       8       15.3
## 10038       70       71      1013.5      1010.3       4       7       18.9
## 10039       77       87      1009.0      1007.6       7       8       19.1
## 10040       74       59      1009.8      1005.1       3       5       19.1
## 10041       64       42      1010.6      1007.6       6       3       18.5
## 10042       51       48      1011.0      1009.4       5       7       21.2
## 10043       63       62      1016.7      1014.0       6       2       18.5
## 10044       77       77      1021.9      1020.5       8       7       17.3
## 10045       92       79      1019.5      1016.6       7       7       18.3
## 10046       93       88      1009.8      1007.3       8       8       17.9
## 10047       73       62      1013.1      1014.0       0       1       21.2
## 10048       87       53      1028.4      1028.8       7       7       16.9
## 10049       53       54      1033.1      1031.0       7       7       16.6
## 10050       60       48      1031.2      1028.6       3       2       18.5
## 10051       59       62      1029.3      1026.0       1       7       19.8
## 10052       64       64      1026.4      1023.2       2       1       21.0
## 10053       62       60      1025.0      1022.6       2       2       21.5
## 10054       62       59      1024.0      1020.6       6       4       21.4
## 10055       57       59      1018.5      1013.4       5       6       21.5
## 10056       50       71      1011.8      1009.4       7       7       24.2
## 10057       86       93      1017.7      1017.7       8       8       17.3
## 10058       91       88      1021.2      1019.6       8       8       16.2
## 10059       78       64      1020.0      1017.0       7       6       18.9
## 10060       64       68      1013.7      1011.8       1       7       23.7
## 10061       74       77      1011.9      1009.0       2       7       24.2
## 10062       60       57      1018.4      1017.1       3       4       20.0
## 10063       55       63      1018.7      1015.6       4       5       20.1
## 10064       61       70      1011.4      1007.3       1       5       22.1
## 10065       70       67      1011.0      1009.4       4       7       21.7
## 10066       83       67      1018.2      1017.0       7       7       17.9
## 10067       62       61      1020.3      1016.8       5       6       22.5
## 10068       61       57      1015.8      1012.5       2       7       23.9
## 10069       69       63      1015.3      1013.5       6       5       23.3
## 10070       68       58      1016.5      1013.4       0       3       24.5
## 10071       69       59      1016.3      1013.7       5       1       24.4
## 10072       46       62      1012.6      1011.8       3       7       28.7
## 10073       73       72      1022.6      1021.5       7       7       22.0
## 10074       79       85      1019.8      1015.3       8       7       21.3
## 10075       80       89      1016.6      1014.1       6       7       23.9
## 10076       65       68      1012.6      1009.7       0       2       24.2
## 10077       69       74      1017.3      1017.0       0       3       23.3
## 10078       58       66      1017.0      1013.4       7       7       25.0
## 10079       74       75      1019.8      1016.9       7       7       22.7
## 10080       73       62      1017.9      1014.8       7       7       24.0
## 10081       67       66      1017.5      1013.8       1       1       25.4
## 10082       51       58      1014.7      1010.5       1       7       24.9
## 10083       66       77      1015.7      1014.0       7       1       25.7
## 10085       75       92      1013.1      1013.9       7       8       21.3
## 10086       96       90      1020.6      1019.8       8       8       18.2
## 10087       92       95      1018.6      1016.0       8       8       21.8
```

```
## 10088          76          90          1012.1          1009.7          8          8          23.8
## 10089          51          24          1010.4          1007.2          0          1          27.3
## 10090          64          70          1018.2          1017.2          1          1          24.8
## 10091          78          78          1019.1          1017.1          7          6          25.6
## 10092          64          65          1016.8          1012.9          7          7          25.7
## 10093          78          91          1015.0          1016.8          8          8          19.9
## 10094          56          46          1018.3          1017.7          3          6          19.9
## 10095          56          61          1019.6          1017.2          3          7          20.3
## 10096          59          60          1014.8          1010.8          1          1          22.0
## 10097          58          64          1018.7          1016.8          7          8          17.0
## 10098          65          52          1018.0          1015.9          8          8          16.6
## 10099          80          89          1014.0          1012.4          8          8          16.6
## 10100          59          58          1011.8          1010.6          7          7          22.7
## 10101          68          63          1013.7          1012.4          1          7          21.8
## 10103          71          89          1005.1          1002.1          4          7          22.7
## 10105          75          67          1006.2          1006.5          1          4          21.6
## 10106          57          63          1013.9          1013.9          6          7          20.6
## 10107          66          58          1018.3          1016.9          7          7          19.3
## 10108          52          52          1019.5          1018.9          1          3          21.6
## 10109          56          53          1021.4          1020.1          3          1          21.3
## 10110          55          68          1019.7          1016.9          5          6          21.3
## 10111          55          62          1014.3          1010.4          6          7          23.4
## 10112          66          67          1011.2          1012.1          1          7          24.9
## 10113          66          63          1016.5          1015.6          1          7          22.4
## 10114          93          72          1017.4          1015.2          8          6          20.4
## 10115          89          67          1014.2          1012.0          7          3          21.4
## 10116          93          71          1012.4          1011.2          7          4          20.7
## 10117          83          58          1011.6          1010.2          7          3          21.7
## 10118          57          61          1007.5          1005.5          1          4          24.3
## 10119          73          62          1005.3          1004.6          5          3          24.1
## 10120          62          59          1009.7          1008.0          7          2          20.7
## 10121          60          55          1011.5          1011.9          3          3          22.2
## 10122          57          49          1016.3          1016.5          4          1          21.7
## 10123          95          53          1018.5          1017.2          8          5          18.1
## 10124          56          56          1017.3          1015.9          6          1          22.1
## 10125          57          47          1018.7          1017.3          6          1          23.2
## 10126          56          58          1019.4          1017.2          1          1          24.3
## 10127          56          57          1015.9          1011.6          1          1          24.9
## 10128          76          70          1016.1          1014.2          6          7          24.6
## 10129          60          67          1011.5          1012.4          1          6          25.3
## 10130          61          63          1015.6          1013.1          3          7          22.9
## 10131          64          64          1010.8          1006.6          1          4          26.0
## 10132          94          74          1004.9          1004.0          8          2          24.2
## 10133          60          56          1009.8          1007.0          5          5          26.5
## 10134          63          34          1006.7          1001.6          5          5          24.5
## 10135          36          49          1013.5          1013.2          1          1          20.7
## 10136          53          56          1017.2          1014.4          6          7          21.4
## 10137          52          68          1014.9          1014.0          5          7          24.6
## 10138          67          91          1016.7          1016.7          7          8          22.8
## 10139          58          63          1020.4          1019.6          5          5          24.2
## 10140          87          90          1020.3          1018.3          7          8          22.1
## 10141          88          77          1014.4          1012.9          6          1          22.1
## 10142          72          72          1014.3          1014.4          3          4          25.7
## 10143          75          66          1015.3          1013.9          7          2          23.5
```

```
## 10144          72          65     1013.7     1012.9          7          7     23.9
## 10145          66          72     1016.3     1015.8          7          7     23.0
## 10146          89          87     1017.8     1016.5          8          8     20.6
## 10147          90          80     1014.8     1013.6          8          8     23.3
## 10148          90          93     1011.9     1009.9          8          8     23.3
## 10150          90          79     1014.5     1013.5          8          8     22.1
## 10151          90          76     1014.2     1012.0          8          8     21.5
## 10152          96          74     1011.3     1009.2          7          7     21.4
## 10153          81          79     1008.5     1005.9          8          7     24.1
## 10154          73          73     1005.8     1003.6          3          6     26.6
## 10156          86          65     1007.5     1005.9          5          3     22.8
## 10157          75          69     1005.8     1003.9          7          8     22.7
## 10158          72          69     1004.3     1002.2          1          4     23.6
## 10159          71          67     1003.1     1000.9          1          1     24.1
## 10160          73          66     1000.3     1000.0          0          1     24.9
## 10161          77          75     1004.5     1005.6          5          4     25.6
## 10162          88          75     1008.0     1007.3          7          7     21.1
## 10163          75          65     1011.6     1010.9          2          6     23.1
## 10164          69          63     1012.6     1010.7          2          5     23.1
## 10165          95          70     1011.9     1007.0          7          3     20.4
## 10166          71          78     1014.3     1012.8          4          5     24.3
## 10167          90          76     1016.5     1014.6          5          6     22.6
## 10168          72          60     1019.5     1018.0          3          2     22.6
## 10169          72          59     1019.7     1018.4          3          2     23.0
## 10170          68          53     1019.6     1018.5          2          2     23.0
## 10171          71          60     1018.4     1015.9          3          4     23.0
## 10172          68          57     1017.5     1015.3          1          1     23.8
## 10173          77          71     1017.6     1015.0          7          2     22.3
## 10174          72          71     1011.6     1008.4          7          5     25.6
## 10175          85          84     1006.9     1007.8          7          7     22.3
## 10176          68          66     1014.2     1013.6          6          7     22.6
## 10177          82          70     1019.5     1018.9          6          2     21.8
## 10178          77          63     1021.7     1022.2          4          2     23.0
## 10179          74          63     1022.9     1021.7          6          7     23.9
## 10180          76          61     1022.3     1019.8          7          7     23.6
## 10181          72          68     1019.4     1017.3          7          8     25.1
## 10182          70          64     1016.6     1013.3          6          5     25.8
## 10183          62          63     1012.6     1010.4          5          4     26.5
## 10185          83          77     1009.9     1011.0          3          7     22.3
## 10186          96          92     1019.0     1017.0          8          8     19.3
## 10187          95          78     1016.6     1013.9          8          7     22.4
## 10188          71          75     1012.0     1009.9          6          6     26.2
## 10189          84          69     1015.6     1013.9          8          8     19.8
## 10190          70          63     1013.8     1011.4          5          5     20.9
## 10191          59          58     1010.8     1007.0          1          3     20.4
## 10192          67          46     1010.6     1008.2          0          1     21.3
## 10193          61          57     1012.7     1012.6          1          1     22.1
## 10194          92          60     1017.9     1016.6          6          5     20.6
## 10195          81          86     1019.1     1019.8          6          8     20.8
## 10197          88          68     1020.9     1018.4          7          8     21.2
## 10199          77          58     1015.2     1012.6          1          1     23.9
## 10200          76          72     1013.2     1012.4          7          8     23.8
## 10201          68          49     1018.2     1017.3          6          3     21.0
## 10202          71          88     1018.2     1016.2          3          6     21.0
```

```
## 10203          75          71          1017.1          1014.3          7          5          23.5
## 10204          92          75          1011.2          1007.6          8          7          20.7
## 10205          77          67          1007.4          1007.2          7          7          23.0
## 10206          74          60          1004.7          1001.2          3          1          22.8
## 10207          54          43          1012.1          1012.1          1          1          19.3
## 10208          63          57          1020.4          1019.9          5          4          20.6
## 10209          96          55          1023.6          1021.5          8          4          17.8
## 10210          91          61          1023.3          1021.5          3          3          17.0
## 10211          94          65          1023.5          1020.2          8          7          17.8
## 10212          81          59          1019.7          1016.8          1          1          19.8
## 10213          77          65          1017.7          1015.5          2          3          21.2
## 10214          80          72          1017.5          1016.3          1          5          20.0
## 10215          56          54          1017.4          1014.8          1          1          23.0
## 10216          51          65          1016.3          1013.9          2          1          23.9
## 10217          62          62          1015.9          1014.1          1          5          23.6
## 10218          74          58          1017.7          1016.2          6          2          22.1
## 10219          66          56          1020.6          1018.4          2          2          23.2
## 10220          61          51          1021.1          1018.0          2          1          23.0
## 10221          62          62          1017.6          1014.9          3          3          22.1
## 10222          79          56          1020.2          1016.1          5          1          23.2
## 10223          60          74          1014.7          1013.5          2          6          24.5
## 10224          52          32          1020.5          1021.5          1          2          18.4
## 10225          54          59          1027.1          1026.6          4          6          18.5
## 10226          66          70          1030.7          1029.0          4          4          18.1
## 10227          66          61          1030.7          1028.3          3          4          20.7
## 10228          94          71          1028.8          1024.5          7          7          18.3
## 10229          91          71          1025.2          1022.0          7          7          20.1
## 10230          74          78          1022.0          1018.3          4          7          22.4
## 10231          94          91          1020.0          1017.1          8          8          18.3
## 10232          88          72          1018.5          1016.1          7          7          18.2
## 10233          80          75          1017.3          1013.4          6          6          21.0
## 10234          80          77          1016.7          1014.8          7          7          22.6
## 10236          76          80          1015.6          1012.9          6          7          21.9
## 10237          71          77          1014.3          1011.3          4          7          24.5
## 10242          94          91          1022.0          1019.2          8          8          16.8
## 10243          76          69          1017.7          1017.0          6          6          18.6
## 10244          66          64          1025.6          1024.1          7          4          17.7
## 10245          79          61          1027.5          1024.7          7          7          17.4
## 10246          73          78          1024.6          1021.0          4          6          20.0
## 10247          69          75          1019.8          1016.7          7          7          20.7
## 10248          91          66          1018.4          1015.7          6          7          17.5
## 10249          63          41          1014.5          1012.4          1          1          18.9
## 10250          65          36          1017.8          1014.7          1          1          17.4
## 10251          86          54          1018.2          1015.3          7          2          14.8
## 10252          69          49          1018.7          1017.0          1          0          17.9
## 10253          70          48          1022.1          1020.4          0          0          18.1
## 10255          63          61          1021.4          1016.9          0          1          20.4
## 10256          59          65          1016.6          1013.2          1          5          20.3
## 10257          53          37          1014.9          1012.0          0          0          15.6
## 10258          45          29          1020.3          1019.5          1          1          14.8
## 10259          52          35          1022.8          1020.5          1          1          15.7
## 10260          59          56          1023.6          1021.9          1          6          16.0
## 10261          78          65          1024.5          1022.1          1          1          17.0
## 10262          74          54          1025.1          1022.0          1          1          17.9
```

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## 10263        74        52        1023.9        1020.9        5        3        16.5
## 10264        69        41        1024.3        1022.0        1        1        17.0
## 10265        74        61        1025.4        1022.6        2        2        16.5
## 10266        56        50        1024.9        1022.1        1        2        20.1
## 10268        68        55        1023.7        1020.2        6        7        20.1
## 10269        81        73        1016.4        1011.5        8        8        18.6
## 10270        54        40        1017.0        1013.8        1        0        14.8
## 10271        54        45        1019.3        1017.7        1        2        14.9
## 10272        61        64        1023.2        1022.1        1        7        16.5
## 10273        66        81        1028.3        1027.9        5        7        16.5
## 10274        83        84        1032.2        1030.0        7        6        14.8
## 10276        81        67        1028.0        1024.2        5        7        16.8
## 10277        89        74        1021.7        1017.6        7        7        15.1
## 10278        97        89        1013.8        1008.3        8        6        16.2
## 10279        78        63        1005.3        1001.6        1        5        17.7
## 10280        48        47        1004.3        1001.4        1        6        13.6
## 10281        58        65        1010.6        1012.9        5        6        16.5
## 10282        56        50        1020.0        1019.3        4        2        15.4
## 10283        56        51        1024.7        1022.9        1        1        15.2
## 10284        66        70        1025.5        1023.4        1        1        14.2
## 10285        65        94        1024.2        1020.6        7        8        13.3
## 10286        93        92        1017.3        1013.7        8        8        13.1
## 10287        94        91        1014.1        1013.0        7        7        14.6
## 10288        89        80        1017.4        1015.5        7        8        15.0
## 10289        65        69        1017.9        1016.2        3        1        17.1
## 10290        81        68        1019.4        1016.4        1        0        15.1
## 10292        53        42        1020.7        1018.0        1        0        16.7
## 10293        62        40        1022.3        1019.9        1        1        14.7
## 10294        60        53        1021.0        1018.0        0        0        14.6
## 10295        79        53        1023.7        1019.4        1        1        13.6
## 10300        73        39        1029.8        1024.8        1        1        12.2
## 10301        62        63        1028.1        1024.9        7        7        14.8
## 10307        54        35        1018.0        1015.2        0        1        13.1
## 10308        63        41        1019.8        1017.3        1        0        11.1
## 10309        66        41        1022.9        1021.9        1        1        12.6
## 10313        71        59        1030.4        1028.2        1        1        15.1
## 10314        92        62        1030.5        1027.4        6        6        12.7
## 10315        97        81        1027.9        1024.0        7        8        14.0
## 10316        67        59        1023.0        1019.0        7        7        18.3
## 10321        54        46        1028.1        1026.8        0        1        13.0
## 10323        83        87        1021.0        1016.9        7        8        15.9
## 10325        55        44        1021.0        1019.7        2        2        15.5
## 10327        75        64        1025.1        1023.6        7        7        13.5
## 10328        77        73        1025.2        1022.6        7        7        13.0
## 10329        75        62        1025.5        1023.6        2        7        14.6
## 10330        69        49        1024.3        1021.5        7        1        16.0
## 10335        52        39        1022.3        1018.7        1        1        14.1
## 10336        48        43        1023.5        1020.4        1        3        14.2
## 10337        47        40        1022.1        1018.3        1        1        13.2
## 10341        55        28        1019.7        1014.6        0        1        16.2
## 10342        39        31        1017.1        1014.7        1        0        18.1
## 10343        45        38        1024.5        1022.2        0        0        13.4
## 10344        54        42        1023.5        1018.6        0        0        14.0
## 10349        63        63        1025.8        1023.3        7        7        13.8
```

```
## 10350    57    41    1022.2    1019.4    1    5    16.4
## 10351    43    32    1020.7    1016.2    1    1    17.2
## 10355    45    43    1021.2    1019.7    0    1    15.3
## 10363    57    48    1024.3    1022.5    2    1    16.3
## 10364    54    54    1025.4    1021.7    1    3    17.4
## 10365    56    60    1021.6    1015.3    1    1    18.3
## 10369    44    42    1023.7    1020.8    1    1    16.2
## 10370    48    43    1022.7    1020.0    0    0    16.8
## 10371    48    65    1024.3    1020.6    0    1    17.6
## 10372    45    59    1021.2    1015.0    0    0    21.0
## 10377    52    64    1027.2    1023.0    3    7    19.3
## 10378    50    45    1024.2    1021.2    1    1    21.0
## 10379    72    74    1024.2    1019.1    3    1    19.3
## 10383    58    60    1023.2    1018.3    1    3    17.8
## 10384    53    71    1019.7    1016.5    1    5    21.0
## 10385    64    61    1019.8    1015.3    7    6    18.7
## 10386    64    76    1016.0    1012.9    1    1    20.0
## 10392    56    49    1021.2    1019.4    1    1    19.4
## 10393    66    62    1022.8    1019.7    5    1    19.8
## 10397    45    45    1020.1    1018.4    3    1    17.4
## 10398    49    48    1026.9    1025.1    5    7    17.9
## 10399    43    52    1031.4    1028.6    1    1    19.4
## 10400    45    54    1028.5    1023.5    1    0    19.8
## 10405    55    59    1017.2    1012.8    5    4    18.0
## 10406    54    57    1011.1    1009.5    0    1    17.9
## 10407    54    62    1012.9    1006.9    1    1    20.1
## 10411    58    76    1024.2    1023.0    7    7    17.1
## 10412    52    56    1027.1    1024.2    1    1    17.4
## 10413    52    57    1022.5    1019.0    0    1    21.4
## 10414    40    41    1016.2    1012.2    1    1    24.5
## 10419    73    69    1014.1    1012.7    3    7    21.5
## 10421    55    38    1024.5    1020.6    4    1    17.9
## 10425    50    46    1023.8    1022.8    6    5    19.0
## 10426    89    48    1024.0    1021.6    8    6    15.1
## 10427    68    61    1020.4    1017.5    7    5    18.9
## 10428    56    59    1017.6    1014.9    1    1    22.0
## 10433    57    58    1020.3    1016.7    4    1    22.4
## 10434    56    61    1019.9    1017.2    1    6    23.0
## 10435    56    59    1017.3    1013.2    5    6    22.2
## 10436    62    70    1014.7    1011.9    5    6    23.8
## 10439    87    43    1026.0    1024.7    8    1    15.7
## 10440    64    45    1026.6    1022.9    7    1    17.8
## 10441    49    59    1019.4    1016.6    1    1    22.5
## 10442    71    71    1018.8    1013.9    6    5    21.0
## 10447    60    63    1012.6    1011.4    2    7    20.6
## 10448    51    61    1017.7    1017.9    4    3    20.4
## 10453    60    70    1017.4    1015.4    3    7    24.6
## 10454    72    60    1017.4    1014.5    1    5    23.3
## 10455    64    63    1015.9    1013.2    7    7    24.6
## 10456    72    78    1016.3    1015.4    7    6    24.6
## 10464    66    60    1020.3    1019.7    6    2    25.7
## 10465    66    57    1022.1    1019.5    4    1    25.0
## 10466    53    63    1011.8    1005.6    0    0    26.0
## 10467    39    59     998.3     995.8    2    3    30.6
```

```
## 10472     92      93      1011.1      1013.9      8       8       20.7
## 10473     80      67      1018.9      1017.1      7       8       20.1
## 10474     56      60      1015.5      1013.1      1       5       24.8
## 10478     92      92      1014.9      1014.2      8       8       21.0
## 10479     81      73      1014.2      1012.5      8       8       22.3
## 10480     72      63      1011.8      1009.7      5       6       25.8
## 10481     63      73      1012.8      1012.6      5       6       27.5
## 10488     88      80      1013.4      1013.4      8       2       22.4
## 10490     82      92      1009.4      1009.5      8       8       23.1
## 10492     75      69      1016.0      1015.6      8       8       23.6
## 10493     76      79      1018.2      1017.6      7       7       22.6
## 10494     65      58      1019.7      1018.6      7       6       23.1
## 10495     78      63      1019.7      1018.6      7       6       21.8
## 10500     80      56      1019.3      1018.8      7       3       21.7
## 10501     86      65      1019.1      1017.4      7       6       20.5
## 10502     86      57      1014.4      1011.8      6       3       20.1
## 10506     67      63      1008.9      1010.8      0       6       24.9
## 10507     59      68      1019.3      1019.3      3       7       19.8
## 10508     86      56      1023.0      1022.2      7       2       18.7
## 10509     82      60      1024.8      1022.4      2       7       19.1
## 10515     84      65      1020.0      1018.1      3       5       24.0
## 10516     75      75      1021.0      1019.2      1       7       23.6
## 10520     72      93      1012.3      1010.3      6       8       22.6
## 10521     64      80      1015.0      1014.2      1       8       21.3
## 10522     72      63      1015.9      1013.6      1       1       21.8
## 10523     80      55      1018.3      1017.4      2       6       21.0
## 10528     71      62      1024.4      1022.9      1       2       20.5
## 10529     71      65      1025.2      1022.3      6       7       20.8
## 10530     94      66      1024.3      1021.7      7       2       17.6
## 10534     74      52      1014.4      1011.9      4       7       21.1
## 10537     69      71      1015.9      1013.3      2       7       20.9
## 10542     57      54      1012.5      1008.1      6       6       22.6
## 10543     50      37      1013.5      1011.4      0       0       21.6
## 10544     64      55      1019.1      1016.1      1       2       20.6
## 10548     60      61      1021.1      1018.6      0       0       22.5
## 10549     62      62      1023.4      1021.4      7       1       22.3
## 10550     72      65      1024.1      1022.0      1       1       21.7
## 10551     66      66      1020.5      1015.7      1       6       22.0
## 10556     47      52      1025.1      1022.4      5       7       19.0
## 10557     68      74      1027.8      1026.4      7       7       18.2
## 10558     73      68      1030.2      1027.7      4       7       18.5
## 10562     81      66      1027.4      1023.6      4       2       18.6
## 10563     94      65      1021.5      1017.0      7       7       16.1
## 10564     81      72      1013.4      1010.3      7       7       18.1
## 10565     63      53      1014.9      1012.2      1       6       16.8
## 10570     67      43      1019.2      1015.8      6       1       12.6
## 10571     68      43      1018.0      1014.2      7       6       15.9
## 10572     81      96      1014.5      1009.7      7       8       14.9
## 10576     49      51      1025.3      1023.1      2       1       18.3
## 10577     79      56      1027.3      1026.5      1       3       16.4
## 10578     91      54      1031.5      1029.7      6       7       16.4
## 10579     92      54      1032.8      1030.1      6       5       14.6
## 10584     50      49      1016.7      1016.8      1       5       17.0
## 10585     47      53      1024.1      1022.6      3       6       17.5
```

```
## 10586    88    68    1026.8    1023.5    7    7    14.1
## 10591    85    94    1023.5    1021.1    7    8    17.0
## 10598    89    62    1010.5    1007.3    5    1    10.7
## 10599    58    41    1012.9    1011.2    1    1    15.2
## 10600    46    47    1018.3    1017.6    1    5    14.3
## 10604    65    57    1026.3    1023.2    1    2    13.8
## 10605    67    68    1021.6    1017.4    2    5    15.2
## 10606    64    57    1016.1    1013.6    3    6    12.1
## 10607    64    88    1014.5    1013.4    6    7    13.2
## 10612    96    75    1019.2    1016.9    8    7    14.2
## 10613    91    75    1019.9    1018.0    7    6    14.6
## 10614    64    65    1024.1    1022.4    1    3    18.2
## 10618    67    34    1028.0    1026.3    0    0    12.1
## 10619    76    43    1031.6    1029.4    1    0    11.4
## 10620    53    54    1031.8    1030.5    5    5    17.5
## 10621    78    74    1032.3    1031.1    7    8    13.7
## 10626    83    72    1026.7    1023.6    7    8    14.5
## 10627    75    58    1026.2    1023.7    7    6    17.0
## 10628    72    70    1026.1    1022.7    1    2    18.6
## 10632    61    54    1018.5    1016.2    0    1    13.9
## 10633    76    55    1022.2    1019.1    7    5    12.3
## 10634    57    39    1022.2    1018.5    0    1    12.4
## 10635    44    47    1022.6    1022.0    3    2    15.8
## 10640    89    71    1027.2    1023.6    7    7    15.9
## 10646    60    46    1016.9    1014.4    3    1    15.6
## 10647    60    47    1020.3    1016.0    3    3    16.2
## 10648    62    38    1017.7    1012.0    1    1    15.4
## 10649    38    31    1014.1    1009.3    3    5    19.2
## 10654    69    30    1011.9    1005.3    5    1    16.4
## 10655    45    25    1016.8    1015.3    1    0    18.1
## 10656    62    53    1017.1    1011.7    7    7    16.5
## 10660    59    59    1019.6    1016.3    0    0    17.5
## 10661    40    33    1015.3    1008.7    1    6    18.9
## 10662    27    14    1013.9    1011.5    1    1    14.2
## 10663    30    30    1017.2    1013.8    2    0    12.7
## 10668    55    62    1024.2    1020.4    0    1    19.2
## 10669    62    42    1022.1    1018.3    2    1    18.5
## 10670    52    47    1020.7    1019.1    1    1    19.5
## 10675    68    63    1030.7    1029.1    7    1    18.8
## 10676    68    55    1033.2    1031.5    3    2    19.3
## 10677    60    56    1033.5    1030.6    2    2    19.5
## 10682    69    66    1022.8    1016.7    4    1    22.1
## 10683    49    52    1013.4    1007.1    5    2    22.5
## 10684    80    49    1013.0    1010.3    2    0    22.9
## 10688    50    57    1017.2    1015.2    1    3    20.7
## 10689    76    94    1016.8    1012.0    7    8    19.8
## 10690    52    72    1006.4    1000.7    2    4    22.8
## 10691    41    48    1008.3    1004.2    1    1    21.0
## 10696    62    60    1015.8    1010.4    1    1    21.5
## 10697    29    62    1009.1    1004.2    8    7    24.4
## 10703    52    63    1019.6    1014.7    1    0    23.8
## 10704    44    74    1013.5    1008.1    6    7    28.3
## 10705    64    65    1017.2    1011.8    1    1    21.6
## 10710    31    57    1007.7    1008.5    1    1    23.9
```

```
## 10711      55      74    1013.2    1013.7      2      7    20.3
## 10712      55      50    1022.0    1018.2      1      1    18.4
## 10716      57      56    1008.9    1003.5      6      7    24.8
## 10717      30      44    1012.7    1013.4      1      1    20.5
## 10718      36      42    1023.4    1021.1      1      1    18.0
## 10719      53      59    1022.0    1017.1      7      4    21.8
## 10725      63      58    1015.8    1012.3      0      1    25.6
## 10726      53      62    1011.1    1006.2      2      5    25.1
## 10731      61      61    1021.1    1014.8      6      1    21.8
## 10732      52      66    1010.5    1006.6      5      3    25.7
## 10733      56      51    1017.2    1016.7      1      7    19.8
## 10739      45      51    1026.2    1024.1      7      7    17.5
## 10740      53      49    1024.1    1020.4      6      1    20.3
## 10745      66      76    1014.2    1010.4      3      7    23.3
## 10747      65      80    1015.2    1011.5      1      7    24.7
## 10753      55      61    1009.3    1007.5      1      5    21.4
## 10754      64      67    1012.1    1010.9      7      5    22.9
## 10759      63      61    1007.5    1005.6      1      5    22.9
## 10760      53      53    1013.9    1013.8      1      4    20.4
## 10761      47      47    1017.6    1015.1      1      1    21.0
## 10773      60      57    1013.2    1008.8      5      5    24.5
## 10774      89      53    1008.7    1005.0      8      8    21.2
## 10775      82      77    1009.2    1005.9      7      8    25.0
## 10781      64      58    1021.6    1020.6      3      1    22.9
## 10782      62      56    1023.3    1022.7      2      1    23.6
## 10787      65      58    1013.2    1009.6      7      7    24.3
## 10788      75      81    1015.5    1016.4      7      8    24.4
## 10789      76      76    1018.8    1016.5      7      7    22.0
## 10795      61      61    1012.6    1010.9      5      3    24.2
## 10796      64      57    1016.2    1013.8      3      3    25.3
## 10801      44      52    1007.6    1007.5      2      1    29.1
## 10802      89      77    1016.6    1017.0      7      8    20.2
## 10803      91      68    1021.4    1021.1      8      8    18.8
## 10809      67      55    1021.7    1020.8      6      1    24.8
## 10810      66      62    1023.2    1021.6      7      2    24.6
## 10816      78      73    1007.9    1004.2      2      2    25.9
## 10829      71      64    1016.0    1014.4      7      6    22.1
## 10830      55      60    1014.5    1014.6      1      1    25.3
## 10831      95      84    1019.3    1019.0      8      8    17.7
## 10837      69      61    1017.7    1014.6      7      2    23.5
## 10838      61      62    1016.3    1014.5      1      5    25.1
## 10843      76      70    1011.2    1011.3      8      8    21.6
## 10844      77      76    1012.5    1009.4      7      6    24.3
## 10845      71      68    1007.6    1003.5      1      2    27.4
## 10850      76      63    1019.7    1017.9      6      7    21.6
## 10851      84      53    1018.4    1015.6      6      2    22.3
## 10852      60      63    1015.8    1012.9      1      7    24.5
## 10857      60      52    1023.5    1022.9      6      2    23.8
## 10858      71      58    1025.3    1023.2      6      7    22.7
## 10865      78      67    1022.7    1021.0      5      5    21.6
## 10866      92      61    1019.5    1017.0      2      4    20.4
## 10870      60      65    1009.8    1004.5      3      5    25.4
## 10871      60      45    1017.3    1016.8      0      1    21.9
## 10872      66      66    1021.3    1019.1      2      2    24.7
```

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## 10879    89    73    1019.0    1018.7    7    8    20.5
## 10880    93    76    1021.6    1020.2    8    8    21.1
## 10884    85    72    1019.4    1018.0    1    3    22.6
## 10885    86    72    1021.2    1018.9    7    3    22.0
## 10886    82    69    1019.8    1017.5    1    5    22.2
## 10887    71    66    1018.4    1015.2    3    1    24.5
## 10893    60    66    1021.9    1019.5    6    7    21.7
## 10894    60    54    1020.8    1017.7    1    2    23.3
## 10898    54    59    1015.3    1013.2    1    1    23.1
## 10899    93    80    1018.4    1016.1    8    8    17.8
## 10900    74    51    1019.2    1015.9    7    4    19.0
## 10901    66    52    1017.5    1014.7    7    3    19.5
## 10906    57    67    1020.4    1017.7    1    1    22.4
## 10907    66    60    1020.5    1016.5    1    6    23.3
## 10908    59    68    1018.6    1014.9    1    4    24.6
## 10912    55    76    1020.5    1019.5    7    7    22.5
## 10914    75    62    1020.8    1016.5    2    2    19.6
## 10915    64    76    1013.8    1013.0    7    7    21.3
## 12068    27    11    1005.5    1003.3    6    8    28.9
## 12069    68    40    1009.5    1009.0    6    7    25.2
## 12070    57    31    1014.9    1012.2    6    5    24.5
## 12071    51    28    1016.9    1012.2    1    3    22.9
## 12072    44    22    1015.1    1010.6    1    6    24.2
## 12073    54    26    1013.6    1009.1    1    5    25.4
## 12074    56    23    1012.7    1008.5    7    7    25.2
## 12075    46    31    1009.6    1007.0    7    5    26.3
## 12076    53    31    1011.2    1008.0    5    5    26.3
## 12078    56    37    1011.2    1008.0    1    5    22.5
## 12079    55    26    1013.3    1010.1    5    5    25.5
## 12080    47    19    1016.3    1012.3    1    3    25.4
## 12081    47    24    1016.8    1012.7    1    1    24.3
## 12082    48    24    1015.5    1011.4    0    1    24.4
## 12083    32    15    1011.5    1007.6    2    3    28.1
## 12084    32    11    1011.7    1009.4    0    1    25.6
## 12085    51    36    1018.1    1014.4    5    4    22.4
## 12086    52    35    1017.8    1013.4    8    8    22.5
## 12087    48    29    1016.6    1012.7    7    6    24.6
## 12088    54    36    1014.8    1011.7    8    8    25.1
## 12089    97    95    1012.4    1009.3    8    8    21.1
## 12090    86    54    1011.4    1008.7    7    5    24.3
## 12091    79    47    1010.1    1007.4    5    7    27.0
## 12092    68    48    1011.1    1009.5    5    5    28.8
## 12093    69    46    1015.7    1012.8    2    5    27.0
## 12094    53    38    1017.3    1014.2    1    4    26.7
## 12095    58    36    1016.2    1013.0    1    3    25.9
## 12096    56    28    1016.9    1013.1    0    1    24.9
## 12097    54    33    1017.0    1012.7    0    4    24.5
## 12098    59    28    1017.4    1013.2    1    2    25.1
## 12099    56    32    1015.0    1010.9    7    6    25.4
## 12100    54    40    1012.9    1008.9    7    7    26.5
## 12101    57    32    1010.4    1006.7    2    3    24.8
## 12102    61    36    1008.9    1005.8    1    2    26.0
## 12103    60    29    1008.9    1005.5    0    1    25.4
## 12104    63    22    1010.4    1008.1    1    1    25.9
```

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## 12105       55       22       1014.4      1010.4      1       0       24.8
## 12106       63       25       1012.4      1008.4      0       0       24.0
## 12107       33       13       1008.9      1005.4      0       1       28.0
## 12108       42       24       1007.1      1003.5      7       7       29.5
## 12109       47       23       1006.1      1005.1      1       0       23.2
## 12110       53       22       1010.5      1007.6      1       7       23.0
## 12111       59       57       1014.9      1013.0      4       7       22.3
## 12112       93       85       1011.9      1009.2      8       6       17.8
## 12113       93       67       1007.8      1006.9      7       6       18.0
## 12114       70       53       1009.5      1006.8      7       6       21.2
## 12115       94       56       1008.9      1007.5      7       5       18.5
## 12116       74       55       1008.3      1004.3      2       3       24.1
## 12117       79       49       1007.7      1005.8      2       5       23.3
## 12118       78       55       1010.2      1008.3      2       7       25.2
## 12119       78       48       1011.3      1008.7      2       1       23.2
## 12120       67       40       1013.9      1012.1      1       3       24.0
## 12121       68       37       1016.2      1013.4      0       3       23.7
## 12122       65       39       1016.7      1014.0      1       3       23.3
## 12123       68       46       1016.4      1012.9      8       7       23.9
## 12124       65       39       1015.8      1012.2      1       2       22.9
## 12125       56       40       1015.5      1012.1      2       3       22.0
## 12126       69       27       1012.3      1008.8      4       1       21.6
## 12128       32       16       1012.1      1010.7      5       7       24.8
## 12129       70       33       1014.7      1011.7      7       4       23.8
## 12130       57       41       1011.7      1007.6      6       5       25.5
## 12131       39       25       1014.0      1010.5      0       0       17.2
## 12132       47       27       1013.1      1010.4      0       0       17.5
## 12133       54       19       1013.5      1010.6      1       1       17.9
## 12134       64       28       1013.7      1010.9      0       3       23.7
## 12135       52       27       1016.6      1012.1      2       3       23.5
## 12136       50       33       1016.0      1012.7      3       3       24.0
## 12137       53       24       1017.9      1014.2      1       2       22.4
## 12138       54       34       1019.2      1016.8      6       8       22.8
## 12139       55       35       1017.5      1014.2      2       4       22.6
## 12140       74       38       1016.6      1011.3      6       3       21.0
## 12141       71       34       1012.5      1007.9      2       6       23.4
## 12142       37       19       1010.9      1008.8      3       1       19.2
## 12143       49       22       1013.3      1010.9      1       0       17.6
## 12144       60       28       1015.5      1012.4      2       2       20.4
## 12145       65       30       1016.6      1012.6      2       5       22.5
## 12146       58       26       1015.9      1011.7      1       2       23.0
## 12147       56       25       1015.5      1011.7      0       2       22.0
## 12148       63       23       1016.5      1012.2      1       1       20.6
## 12149       62       23       1016.9      1013.4      0       1       21.8
## 12150       59       24       1019.3      1015.5      0       1       21.6
## 12151       58       25       1021.8      1017.8      1       1       20.9
## 12152       55       28       1021.5      1017.7      0       1       21.2
## 12153       53       24       1019.6      1016.1      3       4       22.5
## 12154       54       26       1021.5      1017.6      0       3       19.5
## 12155       50       17       1020.7      1016.5      0       1       19.6
## 12156       52       28       1017.4      1013.1      1       7       21.5
## 12157       76       61       1013.5      1010.6      7       7       19.9
## 12158       82       40       1012.7      1011.2      2       5       20.4
## 12159       91       45       1017.6      1014.0      8       6       20.3
```

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## 12160        59      36      1018.2      1014.1      4      6      24.0
## 12161        77      74      1016.9      1015.0      7      2      21.6
## 12162        75      33      1017.0      1012.4      6      2      20.9
## 12163        64      23      1017.0      1013.5      1      2      20.9
## 12164        55      36      1020.7      1017.1      1      3      22.8
## 12165        53      32      1023.5      1019.6      4      3      21.2
## 12166        51      19      1023.4      1018.4      3      7      20.3
## 12167        58      36      1022.9      1019.0      6      6      21.2
## 12168        63      46      1024.6      1022.1      6      8      20.8
## 12169        73      97      1023.3      1021.0      7      8      20.5
## 12170        96      67      1021.0      1016.6      8      8      18.3
## 12171        95      58      1015.9      1012.1      7      7      20.3
## 12172        96      38      1014.9      1012.0      1      1      18.2
## 12173        59      24      1015.2      1012.2      1      3      20.6
## 12174        50      24      1015.3      1011.9      1      4      21.8
## 12175        58      32      1016.8      1013.7      0      1      20.4
## 12176        62      29      1017.0      1012.8      1      1      17.8
## 12177        60      34      1016.1      1012.5      1      4      18.5
## 12178        66      34      1017.6      1013.9      5      3      17.1
## 12179        54      27      1020.2      1015.9      1      1      19.4
## 12180        56      30      1018.8      1014.6      0      3      19.7
## 12181        57      22      1014.4      1008.1      6      5      19.8
## 12182        49      31      1011.4      1008.1      0      3      19.5
## 12183        45      35      1011.2      1008.9      1      3      20.9
## 12184        41      27      1017.9      1015.6      0      1      14.7
## 12185        47      28      1021.6      1017.4      1      5      15.6
## 12186        58      32      1020.5      1016.5      6      5      15.4
## 12187        47      19      1020.5      1017.7      0      0      12.8
## 12188        42      18      1023.5      1019.6      2      5      15.3
## 12189        53      31      1024.1      1020.0      4      4      16.7
## 12190        49      36      1024.6      1021.7      3      4      18.9
## 12191        56      26      1027.3      1023.6      3      4      16.8
## 12192        53      27      1028.8      1024.6      2      3      17.6
## 12193        51      27      1026.9      1021.7      1      5      18.3
## 12194        61      29      1024.9      1020.7      2      4      17.8
## 12195        53      23      1025.0      1021.2      0      2      15.9
## 12196        51      25      1023.5      1018.7      0      2      17.1
## 12197        42      17      1021.2      1017.6      0      1      16.8
## 12198        50      28      1022.2      1018.2      0      3      16.3
## 12200        64      22      1018.8      1015.0      1      4      14.3
## 12201        44      19      1018.4      1015.1      0      0      13.6
## 12204        60      50      1019.6      1016.2      2      7      14.1
## 12205        49      29      1020.8      1016.8      6      7      17.5
## 12206        83      90      1019.5      1015.4      7      7      14.9
## 12207        89      88      1014.7      1012.0      8      8      14.4
## 12208        94      82      1013.7      1010.7      8      7      13.6
## 12209        64      48      1011.5      1009.8      6      7      17.1
## 12210        62      41      1015.4      1012.8      1      2      19.1
## 12211        64      37      1021.9      1019.6      3      2      17.5
## 12212        64      39      1024.4      1021.1      4      5      15.9
## 12214        77      44      1021.3      1017.5      1      4      15.3
## 12215        83      45      1020.8      1017.3      5      6      13.5
## 12216       100      47      1021.3      1019.0      8      1      10.7
## 12217        77      36      1024.7      1022.1      1      4      12.4
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## 12218        70        54        1028.5        1025.1        7        7        13.1
## 12219        62        53        1028.8        1024.9        7        7        13.1
## 12220        67        49        1026.5        1023.3        7        7        15.2
## 12221        75        52        1023.6        1019.5        7        6        14.3
## 12222        87        66        1020.9        1016.3        7        5        15.9
## 12224        72        38        1016.3        1012.0        0        4        11.1
## 12225        82        44        1013.2        1012.1        1        5        13.3
## 12226        61        39        1016.1        1013.7        5        3        14.5
## 12227        73        36        1018.1        1015.9        3        5        11.7
## 12228        62        39        1020.2        1019.0        5        3        11.3
## 12229        76        29        1024.7        1021.9        0        0         5.9
## 12230        67        23        1025.1        1020.9        0        3         5.5
## 12231        51        19        1020.9        1016.7        3        0        11.0
## 12232        56        30        1016.8        1013.0        6        7        11.0
## 12233        72        38        1015.1        1012.0        1        2        13.8
## 12234        61        36        1019.2        1017.8        1        3        11.1
## 12235        71        38        1023.9        1021.3        0        2        11.4
## 12236        64        35        1024.8        1021.4        1        2        13.1
## 12237        73        39        1024.6        1020.7        1        6        11.3
## 12238        69        46        1023.5        1020.0        1        7        13.8
## 12239        78        86        1022.6        1019.1        7        7        14.5
## 12240        90        50        1020.0        1017.3        1        1        15.7
## 12241        77        45        1020.6        1016.9        0        1        13.0
## 12242        80        48        1018.4        1014.9        6        6        10.8
## 12243        88        38        1018.2        1014.5        7        7         8.1
## 12245        94        62        1007.7        1005.1        8        7        12.5
## 12246        94        54        1010.0        1009.6        7        7        12.1
## 12248        78        35        1019.0        1013.1        4        6        10.7
## 12249        57        26        1014.0        1010.6        2        2        15.5
## 12250        53        25        1015.6        1013.4        2        2        10.4
## 12251        61        38        1014.6        1012.5        1        4        11.3
## 12252        86        53        1019.3        1017.7        7        5         6.2
## 12253        82        51        1020.5        1018.1        8        8         8.2
## 12254        80        46        1021.6        1018.4        6        6         7.2
## 12256        65        32        1024.4        1021.7        3        3        11.9
## 12257        63        36        1026.2        1023.1        1        3        11.1
## 12258        61        34        1023.9        1019.1        1        2        12.1
## 12259        67        35        1020.7        1017.1        2        1        11.3
## 12260        70        29        1017.6        1013.0        0        2        11.7
## 12261        47        36        1013.0        1011.1        4        6        13.6
## 12262        81        39        1013.0        1009.8        3        3        11.6
## 12263        78        75        1011.9        1009.6        7        7         7.8
## 12264        92        77        1015.3        1013.6        8        6         8.9
## 12265        93        52        1021.1        1019.1        2        2         5.6
## 12266        80        39        1023.8        1020.0        1        2         9.1
## 12267        78        34        1024.2        1022.4        0        1         9.4
## 12268        65        22        1027.1        1023.2        0        0         9.5
## 12269        64        35        1024.8        1019.5        0        4        15.1
## 12270        69        88        1020.0        1015.1        7        7        14.4
## 12271        72        33        1018.0        1017.2        0        1        12.5
## 12272        75        31        1024.9        1022.2        0        1         8.2
## 12273        60        32        1026.6        1021.8        0        1        11.1
## 12274        70        54        1021.0        1015.5        6        7        13.1
## 12275        92        41        1020.1        1019.2        7        0         6.6
```

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## 12276      86      35      1025.6      1022.6      1      1      5.9
## 12277      79      39      1027.2      1024.2      0      1      8.2
## 12280      82      30      1026.9      1023.6      0      0      9.4
## 12281      65      27      1027.9      1024.3      0      0      8.8
## 12282      57      28      1026.0      1022.4      0      0     10.3
## 12283      51      28      1023.3      1019.2      5      5     11.0
## 12284      56      26      1022.2      1019.9      1      1     11.9
## 12285      61      29      1023.7      1019.4      7      1     12.5
## 12286      62      27      1020.3      1015.2      0      2     15.8
## 12287      55      18      1022.1      1018.6      0      0      9.6
## 12288      50      28      1021.4      1017.8      3      6     11.3
## 12289      56      38      1020.6      1017.1      7      7     15.0
## 12290      61      31      1017.5      1012.7      4      2     16.1
## 12291      55      24      1015.6      1010.9      7      3     15.2
## 12292      53      20      1017.3      1014.4      0      1     13.9
## 12294      45      20      1021.8      1018.3      0      0     13.4
## 12295      41      14      1020.0      1014.8      0      0     13.5
## 12296      54      26      1017.5      1017.6      6      5     16.0
## 12297      43      18      1027.6      1024.1      0      0     11.1
## 12298      45      21      1028.3      1022.9      2      3     12.9
## 12299      59      27      1021.1      1015.7      7      1     14.5
## 12300      50      18      1014.5      1007.8      1      7     17.6
## 12301      51      34      1013.9      1012.0      7      6     18.1
## 12302      42      15      1013.2      1009.2      4      0     22.3
## 12303      27      20      1011.5      1006.3      4      3     25.5
## 12304      23      14      1014.5      1012.1      2      0     20.3
## 12305      28      18      1019.6      1017.2      3      0     16.6
## 12306      41      14      1020.5      1016.2      2      6     14.4
## 12307      33      14      1019.3      1014.6      0      3     18.3
## 12308      56      14      1011.8      1004.7      7      5     20.5
## 12309      70      89      1017.7      1017.1      7      7     15.3
## 12310      50      26      1022.6      1019.3      1      0     12.8
## 12312      50      20      1023.1      1018.3      0      2     17.1
## 12313      57      39      1021.0      1017.7      6      8     16.9
## 12314      91      68      1019.5      1014.7      7      6     13.8
## 12315      92      48      1016.1      1014.2      8      4     15.4
## 12316      66      29      1018.4      1013.7      1      1     14.9
## 12317      78      79      1010.8      1007.8      7      8     18.4
## 12318      89      33      1012.4      1010.4      2      5     13.3
## 12319      67      26      1016.6      1013.6      1      2     13.7
## 12320      53      20      1019.3      1016.9      0      1     14.1
## 12321      39      16      1024.2      1020.3      1      0     16.6
## 12322      34      11      1025.9      1021.8      0      0     16.8
## 12323      41      17      1025.2      1019.9      0      0     19.8
## 12324      46      20      1021.4      1017.1      0      1     20.6
## 12325      38      16      1019.6      1015.0      3      7     21.9
## 12326      46      20      1020.7      1016.3      1      1     22.4
## 12327      52      23      1022.7      1016.6      1      1     20.5
## 12328      46      31      1019.5      1016.2      3      1     21.9
## 12329      31      18      1018.8      1013.7      2      3     22.7
## 12330      27      17      1016.7      1012.5      3      4     23.5
## 12331      39      71      1013.7      1013.3      4      7     22.5
## 12332      74      51      1010.0      1005.4      7      7     21.3
## 12333      30      34      1010.2      1010.0      8      5     15.8
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## 12334    44    23    1018.3    1014.7    0    0    17.2
## 12335    36    12    1017.4    1011.0    0    0    19.1
## 12336    31    10    1012.2    1010.9    7    0    18.5
## 12337    32    17    1017.3    1012.5    1    0    12.9
## 12338    31    18    1015.1    1010.5    0    1    13.7
## 12339    35    16    1016.5    1012.5    0    1    16.7
## 12340    23     9    1019.5    1015.3    0    0    20.4
## 12341    36    10    1017.4    1010.6    0    0    22.2
## 12342    38    51    1012.9    1008.5    0    8    23.8
## 12343    50    23    1011.4    1009.0    0    5    20.0
## 12345    45    21    1017.7    1014.8    1    1    16.7
## 12346    39    12    1019.5    1015.1    0    1    19.0
## 12347    27    10    1017.2    1014.8    1    1    16.2
## 12348    34    13    1019.2    1016.3    0    1    13.3
## 12349    38    13    1022.7    1019.1    0    1    15.4
## 12350    40    23    1025.1    1020.3    0    6    16.4
## 12351    53    47    1022.6    1018.3    6    3    17.0
## 12352    60    19    1013.5    1006.5    2    2    18.8
## 12353    29    11    1008.3    1004.5    1    0    21.2
## 12354    23    13    1008.3    1007.4    1    2    20.5
## 12355    36    14    1014.1    1010.1    0    1    17.0
## 12356    42    15    1016.4    1014.6    0    2    16.1
## 12357    27    12    1021.5    1018.3    0    1    16.7
## 12358    46    17    1023.9    1020.9    0    4    18.7
## 12359    49    23    1026.3    1021.8    0    1    19.5
## 12360    54    21    1024.9    1020.1    0    1    20.3
## 12361    41    15    1023.3    1018.9    0    2    22.7
## 12362    40    13    1020.8    1017.5    5    5    25.1
## 12363    34    14    1021.4    1016.4    1    1    24.0
## 12364    34     7    1018.0    1013.8    1    4    25.1
## 12365    15     9    1014.7    1009.1    5    6    26.0
## 12366    68    92    1012.8    1011.8    8    8    18.8
## 12367    57    39    1019.8    1017.5    6    7    22.4
## 12368    70    30    1022.7    1018.7    5    3    20.4
## 12369    67    43    1023.0    1020.3    6    6    20.6
## 12370    53    31    1022.7    1019.2    1    6    21.5
## 12371    49    26    1022.7    1018.5    2    6    22.5
## 12372    51    21    1023.8    1018.8    0    1    21.6
## 12373    52    20    1021.9    1017.0    1    1    22.6
## 12374    28     8    1017.6    1012.1    1    2    25.5
## 12375    20    15    1014.2    1011.2    3    4    26.5
## 12376    26    17    1015.4    1014.2    7    7    26.6
## 12377    60    62    1019.6    1019.7    7    7    22.0
## 12378    57    61    1024.3    1022.3    2    6    23.4
## 12379    51    26    1026.4    1022.2    4    5    21.9
## 12380    49    22    1023.5    1017.6    5    6    23.8
## 12381    53    23    1022.5    1018.2    1    1    20.1
## 12382    57    23    1022.7    1018.3    0    1    21.1
## 12383    48    16    1021.0    1015.6    3    1    23.6
## 12384    37    19    1014.5    1010.1    6    5    28.4
## 12385    58    22    1014.8    1010.5    1    2    23.0
## 12386    53    16    1012.2    1008.1    0    2    25.0
## 12387    26     8    1009.3    1003.9    1    4    29.6
## 12388    20     6    1005.9    1001.3    1    4    32.2
```

```
## 12389          42          7     1008.7     1004.7          0          3     28.7
## 12390          52         17     1011.8     1007.7          0          1     27.4
## 12391          48         17     1012.9     1008.0          1          1     30.2
## 12392          39         15     1010.6     1006.3          0          1     31.1
## 12393          41         15     1010.2     1007.8          7          7     30.9
## 12394          33         21     1012.8     1009.0          2          7     31.0
## 12395          53         23     1019.7     1016.4          7          7     25.7
## 12396          48         19     1020.9     1014.9          1          2     25.0
## 12397          50         21     1017.3     1011.6          2          1     25.0
## 12398          48         30     1013.4     1009.0          3          6     28.6
## 12399          39         10     1008.5     1002.9          1          3     31.3
## 12400          14          8     1006.8     1003.7          2          0     25.8
## 12401          27         17     1008.6     1005.6          0          3     23.6
## 12402          37         15     1010.4     1008.6          2          6     24.6
## 12403          41         20     1017.4     1013.8          6          5     21.8
## 12404          42         20     1020.4     1016.1          1          4     22.8
## 12405          50         17     1017.7     1013.8          0          2     25.1
## 12406          33          7     1013.0     1008.9          1          1     29.0
## 12407          14          3     1012.7     1010.0          0          0     28.5
## 12408          33          9     1012.4     1008.1          0          3     30.0
## 12409          24          8     1008.6     1003.2          4          5     32.3
## 12410          27         10     1008.9     1005.6          0          0     28.0
## 12412          41         14     1011.3     1012.7          6          5     25.7
## 12413          25          4     1016.1     1012.8          1          4     24.5
## 12414          14          7     1014.5     1011.1          1          1     26.1
## 12415          52         10     1014.0     1011.7          7          7     26.4
## 12416          47         21     1017.8     1013.8          3          4     28.5
## 12417          55         28     1020.0     1015.4          0          5     26.7
## 12418          48         26     1019.5     1014.1          0          3     26.5
## 12419          52         20     1015.2     1011.7          5          7     25.5
## 12420          69         29     1016.3     1012.1          7          5     23.7
## 12421          53         42     1016.2     1013.3          5          6     25.2
## 12422          57         28     1015.6     1011.1          6          4     24.1
## 12423          85         60     1015.6     1012.0          7          5     19.9
## 12424          65         23     1014.8     1011.5          0          2     24.4
## 12425          54         26     1014.0     1009.1          3          7     25.9
## 12426          60         28     1011.1     1006.4          6          7     25.3
## 12427          64         41     1010.9     1008.6          8          8     25.2
## 12428          66         82     1013.9     1011.2          7          7     26.7
## 12429          74         46     1013.8     1010.5          6          7     26.1
## 12430          90         92     1016.3     1015.2          8          8     23.0
## 12431          91         92     1018.3     1016.8          8          8     22.5
## 12432          76         58     1017.6     1014.4          7          7     22.2
## 12433          87         81     1014.6     1012.2          8          8     21.6
## 12434          96         81     1010.2     1007.9          8          7     22.1
## 12436          58         42     1015.1     1012.9          3          6     25.6
## 12437          53         42     1017.1     1014.4          5          6     24.1
## 12438          63         38     1016.0     1011.8          7          7     25.8
## 12439          68         46     1013.6     1010.5          7          7     26.5
## 12441          59         34     1019.6     1016.1          0          1     25.1
## 12442          59         36     1017.5     1013.6          0          2     26.1
## 12443          51         31     1015.4     1012.6          0          1     27.1
## 12444          58         35     1014.4     1010.1          0          3     26.9
## 12445          58         34     1012.6     1008.8          0          3     27.8
```

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## 12447        66        47        1015.2        1011.9        4        5        25.3
## 12448        58        40        1012.6        1008.0        3        4        24.9
## 12449        71        35        1007.8        1003.7        2        3        24.8
## 12450        43        25        1007.1        1005.3        0        0        21.2
## 12451        28        19        1010.6        1008.8        0        0        19.8
## 12452        52        17        1013.2        1010.1        0        0        19.8
## 12453        45        15        1012.4        1009.7        6        5        23.8
## 12454        35        17        1013.7        1010.2        3        1        28.8
## 12455        44        24        1012.8        1009.3        0        1        26.8
## 12456        55        25        1012.0        1009.3        0        2        26.9
## 12457        61        20        1013.3        1009.6        2        3        25.4
## 12458        54        16        1012.9        1008.8        1        1        27.9
## 12459        40        20        1012.2        1008.7        2        4        28.6
## 12463        51        33        1010.4        1006.4        7        8        25.6
## 12464        50        38        1008.9        1007.7        8        8        24.1
## 12465        41        26        1009.4        1006.3        6        4        24.4
## 12466        56        36        1008.3        1005.0        5        6        25.1
## 12467        54        46        1010.2        1007.1        6        6        24.7
## 12470        85        57        1016.2        1013.7        6        6        23.5
## 12471        77        43        1018.5        1016.0        7        7        24.5
## 12472        60        37        1020.0        1016.8        1        3        24.3
## 12473        61        35        1019.5        1015.6        2        4        24.5
## 12475        66        35        1013.6        1009.6        2        4        25.4
## 12477        72        38        1008.7        1005.0        3        7        27.0
## 12478        93        86        1008.4        1007.1        8        7        23.7
## 12479        61        25        1010.2        1008.9        6        2        25.2
## 12480        63        38        1012.3        1009.8        1        4        25.1
## 12481        68        38        1015.7        1014.0        6        5        25.0
## 12482        48        22        1019.9        1016.5        2        3        22.6
## 12483        53        29        1019.4        1015.6        2        6        23.9
## 12484        61        32        1019.2        1015.6        1        4        24.1
## 12485        63        25        1018.6        1014.5        1        4        24.7
## 12486        56        81        1015.4        1012.7        7        7        26.6
## 12490        57        28        1019.0        1015.7        2        8        23.4
## 12491        62        46        1016.6        1012.9        7        7        24.1
## 12492        95        87        1013.7        1011.1        8        8        20.1
## 12493        87        74        1008.7        1008.5        8        8        17.7
## 12494        63        45        1011.6        1009.2        6        7        21.9
## 12495        59        49        1011.6        1008.6        3        7        22.9
## 12496        89        87        1010.2        1007.6        8        8        19.6
## 12497        84        77        1010.7        1009.9        6        8        23.5
## 12498        68        63        1011.7        1009.7        4        8        23.9
## 12499        81        67        1013.6        1012.7        7        6        22.5
## 12500        69        29        1016.7        1015.2        3        1        20.8
## 12501        64        30        1019.0        1017.4        1        1        21.5
## 12502        58        32        1023.0        1021.4        1        3        23.0
## 12503        50        26        1028.5        1025.5        1        3        21.2
## 12504        53        30        1029.2        1024.8        0        6        20.5
## 12505        60        29        1026.1        1021.3        1        4        20.1
## 12506        46        26        1023.9        1019.0        6        6        22.9
## 12507        52        24        1021.4        1017.7        0        4        22.0
## 12508        50        27        1023.5        1020.3        1        3        21.0
## 12509        55        17        1025.1        1020.3        0        0        21.9
## 12510        58        29        1023.3        1019.3        0        2        22.2
```

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## 12511         58         27       1021.5      1017.3        0         0       22.0
## 12512         55         27       1020.6      1016.3        0         1       22.5
## 12513         71         21       1017.9      1014.0        2         3       23.2
## 12514         72         13       1017.9      1015.2        2         1       23.8
## 12515         68         28       1019.2      1015.9        0         3       23.3
## 12516         57         25       1022.0      1018.1        1         1       22.5
## 12517         65         34       1021.7      1017.6        2         6       23.2
## 12518         63         29       1020.0      1016.2        3         5       23.4
## 12519         57         35       1019.2      1014.6        3         5       23.9
## 12520         67         36       1019.7      1015.9        6         7       23.0
## 12521         69         83       1018.1      1016.5        7         7       22.6
## 12522         99         63       1017.7      1014.2        8         6       17.8
## 12523         85         34       1017.3      1014.5        0         2       18.3
## 12524         72         31       1018.1      1014.4        6         2       18.9
## 12526         50         39       1018.8      1014.8        5         6       22.7
## 12527         56         44       1018.6      1014.3        6         2       21.8
## 12528         57         45       1019.3      1016.2        7         8       21.2
## 12529         72         94       1019.2      1016.7        7         8       20.8
## 12530         70         45       1017.4      1014.0        2         6       23.2
## 12531         65         28       1014.9      1010.3        1         5       20.4
## 12532         48         34       1012.9      1008.8        4         4       23.8
## 12533         59         38       1013.0      1009.2        6         7       23.1
## 12534         50         38       1015.8      1014.9        7         8       20.2
## 12535         40         11       1019.6      1016.4        1         1       16.8
## 12536         47         23       1021.4      1018.0        1         3       21.6
## 12537         56         29       1021.6      1017.7        4         3       21.7
## 12538         47         22       1024.3      1020.2        3         4       21.5
## 12539         47         23       1025.6      1020.9        1         4       21.8
## 12540         49         33       1025.1      1019.8        3         4       22.6
## 12541         52         35       1024.0      1020.0        6         7       22.6
## 12542         48         36       1022.7      1017.7        1         5       22.4
## 12543         49         26       1021.9      1017.6        3         1       22.7
## 12544         50         28       1023.0      1018.6        2         2       23.2
## 12545         57         33       1022.4      1017.1        1         4       22.9
## 12546         60         27       1019.3      1013.9        4         4       23.7
## 12547         53         65       1015.1      1016.5        7         7       22.3
## 12548         61         17       1023.6      1020.1        1         0       15.2
## 12549         41         25       1021.9      1018.1        6         7       17.6
## 12550         45         20       1021.7      1018.3        0         1       21.3
## 12552         47         24       1024.1      1020.2        0         0       18.0
## 12553         56         27       1026.0      1022.0        1         3       20.3
## 12554         57         35       1026.6      1022.6        3         4       20.2
## 12555         56         29       1025.8      1020.8        7         3       19.7
## 12556         51         42       1021.5      1016.9        5         6       20.9
## 12557         72         37       1017.2      1013.8        5         1       19.4
## 12558         47         19       1022.2      1019.2        5         0       13.0
## 12559         50         19       1021.8      1018.2        0         0       13.5
## 12560         38         16       1021.2      1017.5        1         0       15.4
## 12561         53         23       1021.9      1017.4        0         1       18.1
## 12562         53         26       1020.6      1015.7        0         1       18.5
## 12563         65         20       1016.8      1012.8        2         2       19.7
## 12564         33         16       1019.0      1017.3        0         0       13.9
## 12566         48         25       1019.7      1015.0        0         1       12.1
## 12567         44         18       1017.8      1014.7        1         2       13.9
```

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## 12568      50      26    1019.5    1016.0     7      4    14.4
## 12569      59      69    1019.2    1016.0     8      7    15.2
## 12570      67      26    1018.0    1015.6     0      2    14.2
## 12571      61      31    1020.9    1017.5     0      1    13.0
## 12572      61      34    1021.3    1018.1     7      7    15.6
## 12573      64      33    1019.0    1015.2     8      5    15.9
## 12574      76      30    1019.5    1015.8     0      3    13.1
## 12575      52      34    1020.7    1016.9     0      1    15.3
## 12576      62      62    1018.3    1014.8     7      8    16.0
## 12577      87      52    1011.6    1006.3     7      2    16.6
## 12578      78      64    1009.1    1007.5     4      6    14.1
## 12579      87      52    1015.5    1014.0     7      6    13.8
## 12580      79      50    1020.6    1015.1     6      6    14.6
## 12581      84      57    1012.3    1008.7     8      6    14.4
## 12582      85      93    1011.1    1009.3     2      8    11.1
## 12583      92      94    1013.4    1012.5     8      7    12.8
## 12584     100      65    1019.1    1016.2     7      7    11.1
## 12585      94      84    1018.8    1016.8     7      8    15.2
## 12586      93      59    1019.8    1017.4     7      7    13.9
## 12587      92      65    1015.4    1012.1     3      7    12.0
## 12588      84      43    1015.0    1012.7     2      4    13.1
## 12589      85      58    1017.9    1017.8     0      6     9.2
## 12590      92      32    1023.6    1021.0     1      6     7.7
## 12591      67      35    1023.1    1019.0     1      1    11.9
## 12592      76      32    1019.0    1015.7     2      5    10.6
## 12593      71      43    1023.1    1021.0     6      6     8.8
## 12594      78      40    1023.7    1020.7     4      4     6.8
## 12595      57      37    1023.2    1020.7     3      2    10.5
## 12596      74      25    1027.5    1025.9     2      4     7.9
## 12598      63      29    1030.3    1026.1     0      1    13.6
## 12599      61      29    1028.4    1023.9     1      1    14.0
## 12600      70      59    1022.4    1018.1     7      8    13.4
## 12602      80      45    1023.2    1021.8     0      0     8.6
## 12603      86      46    1027.5    1025.3     5      1     9.6
## 12604      83      43    1030.2    1028.7     0      1    10.6
## 12605      70      43    1033.1    1029.9     3      7    13.5
## 12606      73      31    1032.6    1028.3     1      5    12.9
## 12607      61      44    1029.4    1024.6     6      6    14.9
## 12608      64      43    1026.7    1022.3     2      5    14.8
## 12609      84      79    1022.7    1019.5     6      4    13.9
## 12610      75      46    1021.7    1019.5     1      0     7.6
## 12611      84      40    1021.5    1018.9     0      1     4.7
## 12612      82      39    1022.9    1019.8     1      0     5.1
## 12613      82      37    1023.2    1021.5     3      2     4.7
## 12614      69      43    1025.7    1023.8     7      8     6.5
## 12615      80      72    1027.0    1025.2     8      8     8.8
## 12616      82      65    1029.8    1028.4     8      4     7.7
## 12617      88      33    1029.3    1025.3     6      5     5.3
## 12618      67      35    1025.7    1019.6     7      6    11.8
## 12619      88      48    1019.6    1018.1     8      7    13.8
## 12620      88      72    1023.8    1020.9     8      8     7.0
## 12621      90      56    1023.7    1020.2     7      7    10.1
## 12622      61      33    1025.3    1022.6     1      3    13.9
## 12623      62      39    1027.0    1022.6     0      3    13.3
```

```
## 12624      70      58      1025.8      1022.0      8      7      14.7
## 12625      73      42      1023.3      1019.7      5      6      16.6
## 12626      70      50      1021.1      1016.4      7      7      16.5
## 12627      95      34      1018.6      1017.7      7      1      12.0
## 12628      78      48      1022.5      1021.1      0      1      10.1
## 12629      87      46      1025.9      1023.2      2      4       6.0
## 12630      73      36      1027.0      1023.7      0      0       9.0
## 12631      71      29      1024.9      1019.4      1      3      12.1
## 12632      83      92      1019.1      1015.7      7      7      13.3
## 12633      99      57      1022.3      1021.0      8      7       6.4
## 12634      88      38      1025.0      1022.4      3      3       5.9
## 12635      74      27      1028.4      1026.3      0      1       9.9
## 12636      62      37      1031.0      1027.7      0      2       9.8
## 12637      66      37      1029.3      1025.6      3      5      12.0
## 12638      71      45      1028.2      1025.1      6      5      13.4
## 12639      71      37      1030.4      1027.9      2      1      13.5
## 12640      61      35      1030.9      1026.9      6      5      13.2
## 12641      95      90      1024.9      1020.8      8      7      13.4
## 12642      99      92      1021.1      1018.8      8      8      13.8
## 12643      94      67      1020.2      1015.9      4      6      15.6
## 12644      95      72      1018.4      1019.6      8      6      14.0
## 12646      73      39      1025.4      1020.7      1      1       8.0
## 12647      78      50      1019.3      1017.6      1      4       8.9
## 12649      74      45      1019.9      1017.0      1      5      10.7
## 12650      77      42      1023.4      1020.6      0      0       8.7
## 12651      85      36      1025.0      1021.2      0      0       6.2
## 12652      65      32      1021.9      1018.9      0      1       8.7
## 12653      64      37      1022.3      1016.8      0      2      14.3
## 12654      93      93      1017.5      1013.6      8      8      14.6
## 12655      65      52      1016.3      1012.3      5      7      11.2
## 12657      72      53      1016.4      1014.7      4      4      11.2
## 12658      80      38      1019.2      1012.9      0      0       9.9
## 12659      48      28      1013.4      1012.5      2      1      15.7
## 12660      67      37      1019.0      1016.9      1      2      11.2
## 12661      63      28      1023.5      1019.0      2      1      11.2
## 12662      63      34      1020.7      1014.5      0      0      15.5
## 12663      78      86      1017.4      1014.8      7      8      16.7
## 12664      90      47      1017.7      1016.7      8      4      13.5
## 12665      70      31      1022.2      1020.1      0      2      10.3
## 12666      64      39      1023.5      1019.8      4      6       9.7
## 12667      94      96      1016.1      1012.9      8      8      12.8
## 12668      86      62      1018.8      1015.5      7      7      11.4
## 12669      76      54      1015.4      1011.8      7      8      12.8
## 12670      73      40      1014.0      1009.6      1      5      11.4
## 12671      66      37      1017.5      1015.4      0      4      13.0
## 12672      76      44      1023.9      1022.2      0      5      11.5
## 12673      67      38      1027.2      1024.0      1      2      13.0
## 12674      69      33      1026.6      1022.8      1      1      14.6
## 12675      68      32      1025.9      1022.2      0      3      15.6
## 12676      58      36      1022.9      1017.9      1      1      17.6
## 12677      60      46      1019.4      1015.2      7      5      17.6
## 12678      66      47      1019.5      1015.9      7      7      20.6
## 12679      78      89      1016.2      1012.1      8      8      20.0
## 12680      67      51      1019.4      1017.1      2      6      15.8
```

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## 12681      66      39      1022.4      1019.8      1      3      14.5
## 12682      68      41      1025.2      1022.1      1      2      14.1
## 12683      62      34      1024.8      1021.0      6      0      13.4
## 12684      75      91      1018.7      1014.1      7      8      17.6
## 12685      98      45      1010.1      1008.4      8      5      18.0
## 12687      69      39      1022.9      1018.1      1      7      14.4
## 12688      70      62      1018.8      1015.8      8      6      15.7
## 12689      77      51      1014.2      1008.5      6      2      18.8
## 12690      69      48      1016.7      1015.2      3      5      15.0
## 12691      63      41      1021.3      1018.0      6      7      12.0
## 12692      56      49      1022.9      1021.8      6      6      10.9
## 12693      71      41      1021.9      1018.5      5      6      10.3
## 12694      84      74      1022.1      1020.9      8      8      11.2
## 12695      92      73      1021.3      1019.2      7      7      13.7
## 12696      81      51      1022.5      1019.3      6      2      18.9
## 12697      73      56      1023.8      1019.9      5      7      19.2
## 12698      87      59      1022.4      1019.7      8      2      17.3
## 12700      83      37      1020.5      1015.5      5      5      19.3
## 12701      78      38      1019.9      1016.1      2      2      20.0
## 12702      75      80      1017.9      1012.9      4      3      20.9
## 12703      81      31      1014.9      1011.3      2      5      21.2
## 12704      45      27      1016.4      1014.9      0      5      17.3
## 12705      53      32      1022.6      1019.9      0      2      14.7
## 12706      64      40      1025.9      1022.0      5      5      16.9
## 12707      63      51      1025.9      1021.4      7      6      16.2
## 12708      84      89      1023.3      1020.6      6      8      15.6
## 12709      79      47      1019.4      1015.8      4      3      18.7
## 12710      71      41      1018.4      1015.5      0      2      19.2
## 12711      61      45      1019.5      1015.0      6      4      20.6
## 12712      76      54      1017.3      1016.0      3      7      20.3
## 12713      71      64      1019.7      1018.8      6      6      13.7
## 12714      76      45      1021.6      1019.9      7      6      18.0
## 12715      58      43      1024.1      1022.3      5      7      18.1
## 12716      64      53      1026.1      1024.9      7      7      17.8
## 12717      62      37      1026.6      1022.2      0      4      19.3
## 12718      65      43      1021.8      1016.9      2      7      18.5
## 12719      81      80      1015.3      1012.0      8      8      17.9
## 12720      92      97      1005.7       998.1      8      8      18.1
## 12721      61      35      1010.8      1011.9      4      6      10.4
## 12722      59      35      1018.2      1015.3      0      2      11.0
## 12723      61      36      1020.5      1017.8      0      1      14.4
## 12724      65      28      1022.5      1020.3      0      1      16.5
## 12725      64      30      1026.0      1021.9      0      2      18.8
## 12726      88      73      1025.5      1021.0      7      7      15.8
## 12727      70      46      1022.4      1018.1      4      5      18.5
## 12728      74      32      1019.8      1016.1      0      5      19.3
## 12729      80      82      1017.0      1016.8      7      7      18.5
## 12730      84      42      1018.3      1015.5      3      2      17.4
## 12731      79      37      1018.5      1015.8      7      2      17.8
## 12732      67      26      1017.5      1013.7      2      3      18.9
## 12733      61      21      1016.0      1012.8      1      2      21.2
## 12734      64      32      1017.9      1013.5      2      5      20.4
## 12735      59      32      1016.6      1013.6      4      5      21.5
## 12736      64      38      1015.2      1012.3      8      5      21.3
```

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## 12737       61      80      1013.5      1013.9      7       8       17.0
## 12738       69      23      1017.2      1015.1      1       1       14.4
## 12739       51      24      1019.5      1016.0      1       1       17.4
## 12740       67      28      1017.5      1013.0      1       6       19.2
## 12741       65      83      1016.2      1013.8      6       6       20.2
## 12742       65      33      1017.6      1014.1      0       5       18.4
## 12743       59      39      1018.2      1014.3      2       3       19.8
## 12744       82      40      1020.5      1017.6      7       1       18.4
## 12745       69      39      1024.3      1020.7      7       3       22.0
## 12746       62      39      1023.6      1017.9      1       2       21.8
## 12748       65      42      1014.6      1011.0      1       6       24.1
## 12749       61      35      1018.1      1014.7      2       6       23.9
## 12750       60      36      1019.1      1014.3      7       7       23.1
## 12751       68      92      1014.6      1012.6      7       8       22.9
## 12752       89      53      1013.3      1009.2      7       6       20.0
## 12753       80      45      1013.0      1010.5      7       7       21.4
## 12754       76      93      1013.1      1012.0      7       8       21.8
## 12755       91      40      1016.7      1014.9      0       5       18.4
## 12756       55      45      1021.5      1020.9      5       5       22.0
## 12757       54      48      1022.2      1020.1      7       7       19.0
## 12758       46      34      1021.7      1018.3      6       8       21.6
## 12759       53      32      1022.8      1020.2      6       7       21.1
## 12760       50      34      1023.5      1019.4      3       7       22.7
## 12761       44      29      1021.6      1017.5      0       3       22.8
## 12762       55      29      1018.7      1015.5      5       5       21.3
## 12763       51      31      1015.9      1011.0      3       6       23.4
## 12764       68      47      1013.7      1009.9      8       6       20.0
## 12765       64      97      1011.1      1009.9      7       8       22.4
## 12766       79      91      1011.2      1010.2      7       7       20.8
## 12767       89      63      1012.6      1010.0      7       6       19.8
## 12768       75      68      1014.8      1013.7      7       6       21.7
## 12769       71      65      1015.5      1012.3      8       8       22.8
## 12770       88      84      1010.9      1007.9      8       8       19.6
## 12771       70      48      1010.1      1006.2      7       5       21.8
## 12772       68      49      1010.6      1007.2      7       5       23.1
## 12773       67      44      1013.2      1010.3      4       5       22.0
## 12774       64      47      1014.9      1012.4      7       6       25.0
## 12775       66      47      1015.4      1011.5      4       5       25.0
## 12776       78      99      1011.3      1008.3      8       8       24.2
## 12777       91      74      1008.1      1006.1      8       7       22.1
## 12778       95      29      1007.6      1005.5      8       4       20.9
## 12779       48      23      1011.2      1009.0      1       2       25.6
## 12780       60      30      1012.5      1008.4      2       2       25.1
## 12781       64      27      1010.5      1005.9      0       3       24.3
## 12782       89      46      1007.6      1001.7      7       6       21.0
## 12783       77      34      1005.0      1006.0      7       8       24.1
## 12784       59      47      1008.2      1008.8      7       8       21.1
## 12785       88      69      1006.7      1002.9      8       8       17.8
## 12786       37      23      1006.5      1007.0      0       1       14.8
## 12787       36      15      1011.7      1009.7      1       6       20.2
## 12788       50      28      1014.5      1013.1      6       7       22.7
## 12789       67      69      1016.7      1016.6      7       7       22.5
## 12790       47      42      1017.6      1015.5      2       8       26.8
## 12793       73      36      1003.2      1000.8      6       7       23.9
```

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## 12794          52          34          1011.5          1010.0          1          2          25.9
## 12795          51          29          1016.4          1012.3          0          2          23.1
## 12796          56          26          1016.7          1012.3          0          2          24.8
## 12797          50          25          1015.7          1011.7          0          5          26.0
## 12798          51          20          1015.1          1010.6          0          1          23.9
## 12799          66          77          1013.2          1009.3          3          7          27.2
## 12800          56          36          1010.4          1005.9          5          3          26.7
## 12801          71          41          1008.3          1005.3          3          2          24.2
## 12802          81          82          1006.4          1005.3          8          7          23.1
## 12803          80          39          1006.7          1004.1          3          6          21.9
## 12804          52          37          1008.0          1006.3          3          5          24.2
## 12805          48          29          1009.4          1006.4          2          4          24.8
## 12806          58          39          1008.2          1005.6          6          7          26.3
## 12807          53          68          1007.6          1005.9          6          6          27.3
## 12808          81          47          1007.2          1005.0          6          6          25.2
## 12809          60          45          1008.9          1007.1          5          6          26.7
## 12810          56          34          1011.4          1008.4          4          5          27.0
## 12814          63          25          1004.6          1000.6          1          4          26.0
## 12815          48          15          1004.2          1002.6          1          2          27.4
## 12816          62          25          1006.3          1003.2          1          5          26.7
## 12817          53          27          1008.7          1005.8          2          5          25.8
## 12818          49          29          1012.4          1009.7          0          4          25.2
## 12819          56          25          1013.6          1010.2          2          5          24.1
## 12820          55          28          1011.9          1007.8          0          3          23.6
## 12821          59          30          1009.3          1005.8          3          5          23.9
## 12822          45          21          1008.9          1005.9          1          1          28.6
## 12823          51          24          1012.7          1009.6          0          1          30.1
## 12824          52          28          1014.8          1010.9          0          1          28.5
## 12825          59          26          1011.2          1008.9          0          3          29.3
## 12826          54          28          1016.9          1014.4          1          2          24.4
## 12827          52          31          1019.5          1015.9          0          1          24.2
## 12828          63          23          1018.0          1013.1          0          0          24.8
## 12829          60          32          1015.8          1011.6          0          1          26.6
## 12830          62          32          1015.9          1012.4          1          3          28.6
## 12831          67          29          1017.5          1013.3          5          5          27.1
## 12832          60          35          1015.9          1012.5          2          6          28.5
## 12833          63          26          1015.6          1011.9          1          2          27.6
## 12834          66          42          1016.6          1013.9          4          6          28.0
## 12835          62          89          1015.5          1014.4          6          7          28.4
## 12836          86          55          1015.3          1013.1          5          6          22.2
## 12837          62          34          1019.3          1016.8          1          3          23.1
## 12838          60          31          1021.2          1016.8          7          4          22.9
## 12839          64          35          1018.6          1014.2          2          8          24.0
## 12841          54          30          1014.6          1011.4          1          2          26.5
## 12843          74          50          1017.8          1015.2          7          7          22.2
## 12844          64          43          1016.7          1013.0          5          5          23.5
## 12845          66          41          1014.0          1010.8          4          2          24.2
## 12846          68          39          1013.3          1009.9          1          4          24.9
## 12847          71          39          1013.1          1010.0          1          3          24.7
## 12848          63          34          1011.2          1007.2          3          6          27.1
## 12849          52          20          1009.0          1007.4          7          6          25.5
## 12850          48          33          1013.8          1012.2          3          2          24.8
## 12851          52          31          1019.1          1015.7          0          1          20.1
## 12852          51          28          1018.1          1013.5          1          0          21.1
```

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## 12853          67          28          1014.8          1011.1          0          4          22.3
## 12854          62          29          1012.6          1009.0          2          5          24.4
## 12855          63          26          1011.7          1008.2          1          2          24.2
## 12856          53          23          1011.4          1007.4          1          1          26.7
## 12857          48          23          1009.7          1006.1          1          1          28.1
## 12858          71          39          1011.6          1009.1          4          6          25.2
## 12859          75          49          1010.5          1007.8          7          7          23.9
## 12863          53          29          1021.4          1017.2          1          3          20.9
## 12864          56          34          1018.5          1014.6          1          6          21.3
## 12865          64          34          1017.2          1014.0          6          7          21.4
## 12866          67          35          1014.8          1011.5          7          7          21.5
## 12869          56          27          1021.4          1017.2          1          3          24.1
## 12870          61          30          1020.2          1015.7          0          2          24.6
## 12871          64          36          1018.9          1014.7          0          2          23.5
## 12872          65          35          1018.0          1014.2          6          5          23.7
## 12873          68          38          1016.9          1013.4          8          7          25.0
## 12877          78          57          1005.1          1001.4          7          7          22.8
## 12878          91          41          1003.2          1002.3          8          2          23.2
## 12879          88          48          1006.7          1005.2          8          7          19.8
## 12883          60          33          1020.2          1017.5          6          6          20.2
## 12884          58          23          1022.7          1019.2          0          4          18.9
## 12885          58          41          1022.6          1018.9          1          5          21.2
## 12886          72          29          1020.9          1016.5          1          2          19.2
## 12889          60          27          1015.7          1012.8          7          6          16.7
## 12890          57          78          1014.3          1013.8          7          8          16.2
## 12891          97          29          1017.1          1014.2          8          2          13.4
## 12892          61          25          1019.5          1016.8          0          1          15.3
## 12895          52          25          1015.5          1011.4          6          7          15.0
## 12896          73          25          1012.7          1008.9          7          7          16.3
## 12897          63          26          1014.2          1012.7          1          2          13.1
## 12898          45          22          1016.4          1012.7          1          1          10.9
## 12899          53          38          1016.3          1013.8          1          4          13.0
## 12903          39          17          1031.2          1027.0          0          0          12.6
## 12905          38          17          1030.3          1026.8          5          5          15.0
## 12906          51          35          1029.9          1026.2          1          2          16.6
## 12909          61          51          1021.7          1015.9          6          6          17.3
## 12910          93          77          1011.9          1009.1          7          7          16.6
## 12911          89          60          1009.4          1007.4          6          6          11.6
## 12912          91          69          1013.3          1011.5          7          6           9.3
## 12917          87          45          1019.9          1015.2          7          7          11.4
## 12918          92          50          1015.4          1014.7          6          3          11.1
## 12919          77          46          1019.1          1016.9          4          5          13.8
## 12920          58          34          1022.0          1018.5          0          1          16.7
## 12921          71          34          1020.2          1016.9          1          3          14.0
## 12922          66          35          1020.1          1016.4          1          4          12.6
## 12923          68          28          1018.9          1014.6          7          1          13.4
## 12924          53          23          1019.1          1017.6          1          6          14.4
## 12925          66          30          1021.0          1017.8          7          7           9.9
## 12926          67          35          1020.5          1018.1          4          6           9.9
## 12927          68          42          1021.1          1018.1          6          6           4.0
## 12928          72          38          1020.8          1018.4          1          2           5.3
## 12929          70          36          1020.8          1019.3          7          5           8.2
## 12930          90          58          1019.9          1017.0          7          6          11.5
## 12931          92          70          1018.0          1014.4          7          7          11.8
```

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## 12932    95    97    1015.9    1012.9    8    8    11.1
## 12933    95    81    1015.3    1014.7    8    7    12.0
## 12934    95    54    1019.0    1015.4    1    1    10.6
## 12935    85    39    1016.3    1013.2    4    3    11.2
## 12936    70    46    1018.1    1015.7    1    3     8.6
## 12937    79    43    1019.4    1017.0    1    1     9.9
## 12938    77    44    1020.5    1017.0    1    1     9.5
## 12940   100    40    1019.2    1017.4    8    2     5.6
## 12941    80    49    1023.6    1021.6    0    2     7.3
## 12943    67    36    1029.9    1026.6    0    1    11.5
## 12944    71    35    1029.4    1025.5    0    2    12.4
## 12945    76    38    1028.7    1025.9    7    6    11.6
## 12946    58    28    1030.1    1026.7    1    2    13.5
## 12947    61    40    1031.4    1029.5    4    7    14.2
## 12948    58    35    1034.1    1029.6    0    1    13.6
## 12949    61    35    1029.3    1024.9    3    4    12.6
## 12950    68    39    1026.0    1021.9    0    4    12.1
## 12951    78    40    1023.9    1020.1    6    5    10.4
## 12952    73    34    1020.9    1016.2    6    3    13.0
## 12953    60    29    1020.1    1016.4    1    1    10.9
## 12954    62    32    1020.0    1016.0    0    0     8.5
## 12955    53    30    1019.2    1018.8    0    2    10.8
## 12956    70    30    1026.7    1023.9    0    0     7.2
## 12957    70    41    1025.5    1022.1    0    0     5.0
## 12958    72    36    1022.8    1018.7    2    3     4.8
## 12959    62    38    1023.9    1022.3    6    1     8.2
## 12960    71    36    1026.2    1023.0    0    0     5.5
## 12961    70    50    1023.2    1021.8    7    7     6.4
## 12962    92    47    1026.7    1024.8    7    7     8.4
## 12963    66    36    1029.7    1027.2    7    6     8.2
## 12964    86    86    1028.4    1024.7    8    8    10.1
## 12965    88    83    1023.9    1021.2    8    8    11.8
## 12966    90    68    1021.5    1018.9    3    6    10.7
## 12967    85    53    1020.2    1017.4    0    5     6.7
## 12968    91    43    1016.9    1013.9    8    3     6.9
## 12969    76    36    1016.6    1013.8    0    1     9.2
## 12970    75    39    1017.1    1014.1    1    4    10.0
## 12971    78    37    1018.7    1016.8    1    3     9.7
## 12972    68    31    1021.2    1018.2    0    2     9.6
## 12973    62    34    1022.4    1019.0    4    6     9.2
## 12974    79    35    1024.0    1021.9    5    5    10.3
## 12975    67    28    1027.5    1025.6    1    1     9.2
## 12976    50    25    1029.3    1025.4    0    1    10.1
## 12977    61    30    1027.9    1024.1    0    3    11.8
## 12978    59    35    1025.3    1021.3    2    6    11.7
## 12979    60    31    1024.0    1020.4    0    2    13.0
## 12980    52    27    1024.8    1020.7    1    1    13.3
## 12981    55    28    1025.1    1021.8    2    1    14.5
## 12982    57    28    1026.4    1023.6    0    1    14.6
## 12983    59    30    1029.2    1024.9    0    1    15.0
## 12984    58    25    1028.5    1024.1    1    5    15.4
## 12985    73    38    1025.0    1019.9    7    6    14.9
## 12986    67    53    1019.7    1015.2    7    7    16.1
## 12987    69    46    1015.5    1012.2    0    6     9.6
```

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## 12988     55     41     1012.4     1009.7     6     5     11.4
## 12989     60     29     1012.0     1008.1     1     6     10.1
## 12990     85     50     1011.5     1010.4     4     6     11.2
## 12991     99     38     1018.3     1016.3     6     3      7.5
## 12992     57     34     1023.5     1020.0     3     6     13.4
## 12993     66     44     1024.8     1020.8     5     3     13.1
## 12994     62     34     1024.3     1019.5     0     6     14.0
## 12995     60     33     1021.1     1015.5     2     5     15.6
## 12996     65     37     1017.4     1011.9     7     6     16.0
## 12998     70     63     1018.5     1017.0     5     7     10.4
## 12999     67     42     1023.8     1022.3     0     7     13.5
## 13000     52     40     1028.9     1026.7     4     7     14.9
## 13001     57     29     1032.3     1028.4     1     5     14.6
## 13002     52     32     1030.9     1026.7     1     5     15.7
## 13003     59     31     1029.0     1023.8     0     0     14.8
## 13006     96     94     1020.8     1017.0     8     8     14.2
## 13007     99     58     1022.1     1019.2     8     1     10.2
## 13008     74     34     1020.2     1016.0     5     5     15.7
## 13009     74     52     1020.7     1017.6     1     6     16.3
## 13010     76     36     1022.9     1020.3     0     1     15.2
## 13011     74     36     1024.0     1019.9     0     1     15.1
## 13012     64     38     1025.0     1022.1     1     6     16.6
## 13013     51     34     1028.9     1024.1     0     4     15.1
## 13015     61     28     1028.6     1023.0     0     1     15.8
## 13016     60     28     1024.3     1018.7     1     1     16.1
## 13017     68     25     1019.8     1015.4     1     2     17.8
## 13020     71     46     1017.4     1015.6     6     6      8.3
## 13021     58     39     1019.1     1016.2     0     7     11.3
## 13022     66     38     1022.8     1021.8     1     3     12.5
## 13023     56     31     1028.5     1024.7     0     1     14.9
## 13024     55     20     1027.5     1023.0     0     0     15.1
## 13028     30     12     1020.5     1017.1     0     6     22.2
## 13029     32      8     1020.5     1014.0     0     0     22.2
## 13030     37     27     1015.1     1010.6     6     2     19.9
## 13031     31     15     1021.7     1018.2     0     0     16.6
## 13033     54     34     1021.6     1016.2     0     3     19.7
## 13034     43     37     1018.3     1013.1     0     6     23.3
## 13035     36     18     1014.2     1011.8     0     1     21.2
## 13036     44     29     1019.0     1014.7     0     5     19.0
## 13037     46     27     1021.5     1015.6     0     4     16.9
## 13038     73     91     1016.9     1014.6     8     8     15.8
## 13039     97     38     1007.6     1004.8     8     3     14.9
## 13041     89     48     1006.7     1005.5     7     5     11.7
## 13042     88     50     1013.2     1013.6     7     6      8.9
## 13043     57     36     1020.0     1017.5     1     2     13.9
## 13044     56     26     1022.4     1018.6     1     1     13.7
## 13045     68     60     1020.0     1016.6     7     8     14.6
## 13046     95     94     1015.1     1011.4     8     8     14.4
## 13047     90     54     1013.2     1009.7     7     7     16.1
## 13050     68     42     1011.1     1008.9     7     6     16.0
## 13051     68     24     1012.4     1010.0     1     1     16.9
## 13052     52     16     1016.1     1013.2     0     1     15.7
## 13053     61     38     1017.8     1014.6     7     6     19.7
## 13054     65     45     1016.4     1011.7     6     5     20.2
```

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## 13057      57      37      1024.9      1023.7      6      5      19.7
## 13058      51      31      1031.1      1027.7      5      1      18.0
## 13059      54      35      1030.1      1025.1      1      1      17.6
## 13060      59      30      1028.9      1023.4      1      3      17.7
## 13061      60      29      1025.9      1020.8      0      2      19.8
## 13062      60      26      1024.2      1019.9      1      3      20.0
## 13063      64      37      1023.0      1018.2      6      5      20.2
## 13064      62      35      1018.6      1013.2      6      2      20.0
## 13065      61      32      1013.1      1009.1      7      5      21.7
## 13066      78      78      1013.8      1010.9      2      7      22.0
## 13067      61      52      1017.3      1014.4      6      7      20.5
## 13068      63      47      1017.6      1013.2      4      6      20.6
## 13069      74      61      1013.7      1011.4      7      8      21.5
## 13070      72      47      1012.7      1009.2      6      6      24.0
## 13071      40      22      1017.3      1013.8      1      1      19.7
## 13072      59      37      1018.1      1014.2      6      7      20.9
## 13073      49      19      1013.3      1009.3      2      1      22.8
## 13074      34      19      1010.5      1008.5      0      1      23.1
## 13075      55      27      1015.1      1011.9      1      6      22.6
## 13076      54      34      1018.2      1013.6      6      6      22.5
## 13077      69      83      1016.0      1014.4      7      7      21.1
## 13078      63      30      1016.2      1012.4      7      3      22.0
## 13079      53      20      1017.6      1012.9      1      3      24.6
## 13080      56      25      1017.9      1013.9      6      3      23.8
## 13081      71      47      1017.5      1014.5      7      7      20.6
## 13082      47      24      1018.9      1015.1      0      5      26.4
## 13083      60      36      1017.9      1013.7      6      6      24.6
## 13084      55      31      1014.2      1008.6      7      6      25.2
## 13085      48      21      1014.1      1010.2      1      1      25.1
## 13086      36      16      1015.2      1011.6      0      4      29.4
## 13087      44      17      1016.5      1012.5      6      7      28.0
## 13088      53      29      1016.5      1013.9      7      7      25.8
## 13089      52      49      1017.8      1014.6      7      7      24.6
## 13090      48      25      1017.3      1013.0      2      6      25.2
## 13091      49      20      1015.9      1011.5      5      4      24.1
## 13092      40      26      1013.7      1009.6      5      6      27.0
## 13093      51      27      1012.2      1007.6      7      7      24.1
## 13094      96      92      1012.0      1010.1      8      8      20.6
## 13095      89      96      1017.5      1016.6      8      8      19.9
## 13096      97      93      1016.9      1013.5      8      8      19.6
## 13097      94      58      1012.1      1009.4      7      6      21.5
## 13098      71      30      1011.5      1011.5      1      0      24.3
## 13099      50      28      1015.6      1013.6      1      1      24.8
## 13100      59      39      1017.0      1014.4      1      6      25.8
## 13101      62      42      1015.6      1011.6      7      7      23.6
## 13102      89      91      1013.8      1013.1      7      7      20.6
## 13103      53      34      1016.5      1014.0      0      4      18.3
## 13104      56      41      1017.5      1014.5      2      6      19.5
## 13105      62      38      1015.3      1011.1      6      7      21.1
## 13106      56      37      1013.3      1009.2      6      7      22.2
## 13107      85      74      1015.1      1012.1      8      8      15.3
## 13108      88      95      1011.1      1009.1      7      8      15.1
## 13109      80      68      1009.6      1007.8      6      6      19.4
## 13110      63      47      1012.5      1009.2      6      7      20.1
```

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## 13111       86       56       1008.7       1005.0       6       5       19.9
## 13112       78       57       1005.2       1001.2       5       6       23.4
## 13113       80       53       1004.3       1002.5       5       3       21.0
## 13114       68       32       1007.2       1006.4       1       2       22.3
## 13116       63       50       1015.4       1012.4       7       7       21.1
## 13117       79       45       1017.7       1014.9       6       5       19.7
## 13118       63       43       1019.8       1016.1       3       6       21.1
## 13119       58       38       1017.4       1013.8       7       7       19.2
## 13120       64       61       1013.1       1010.1       8       7       20.4
## 13121       78       53       1012.2       1010.2       3       4       22.3
## 13125       59       38       1010.6       1007.7       3       6       24.1
## 13126       59       40       1010.0       1007.2       1       6       23.8
## 13127       59       40       1007.7       1006.0       1       7       23.5
## 13128       65       31       1006.6       1004.4       2       4       24.7
## 13129       49       26       1009.0       1006.4       1       1       22.9
## 13130       61       33       1010.2       1008.2       7       3       22.5
## 13131       56       37       1014.2       1012.6       7       5       21.0
## 13132       48       32       1017.0       1013.7       3       6       21.7
## 13133       58       34       1016.5       1012.6       1       4       22.4
## 13134       56       30       1017.3       1013.8       0       2       22.1
## 13135       58       35       1018.2       1015.2       1       1       22.9
## 13136       59       31       1016.6       1012.5       1       5       23.6
## 13137       50       75       1013.1       1010.9       4       7       28.5
## 13138       77       41       1011.8       1009.2       3       5       23.9
## 13139       65       41       1013.1       1009.3       4       6       24.3
## 13140       62       36       1009.4       1004.8       3       3       25.6
## 13141       70       36       1006.4       1006.3       3       6       28.2
## 13142       41       20       1010.2       1007.8       1       5       24.6
## 13143       26       21       1009.2       1006.5       4       3       25.8
## 13144       27       10       1013.4       1011.0       1       3       19.6
## 13145       56       26       1014.9       1011.5       3       6       21.8
## 13146       61       43       1013.6       1009.7       7       6       22.5
## 13147       91       74       1013.6       1013.8       7       7       17.3
## 13150       60       37       1014.1       1011.0       1       5       24.6
## 13151       68       31       1014.0       1011.1       1       4       25.5
## 13152       60       38       1014.1       1010.3       3       5       24.8
## 13153       64       32       1012.9       1009.5       6       6       23.4
## 13154       51       35       1015.2       1012.2       4       6       23.9
## 13155       49       61       1014.8       1011.1       7       7       23.7
## 13156       93       89       1012.1       1010.0       8       8       19.7
## 13158       69       55       1007.9       1005.5       7       4       25.2
## 13159       63       80       1010.4       1008.3       7       7       25.7
## 13160       88       92       1010.8       1009.2       8       8       21.0
## 13161       84       89       1007.2       1005.1       7       8       21.8
## 13162       80       65       1005.5       1003.3       7       7       23.6
## 13163       95       92       1006.2       1004.7       7       7       23.6
## 13166       87       63       1003.8       1002.0       7       8       20.5
## 13169       77       52       1001.0        999.9       0       3       24.7
## 13170       60       33       1004.2       1003.4       3       6       22.4
## 13172       68       34       1010.2       1007.9       1       3       22.7
## 13173       65       31       1011.1       1008.2       5       6       23.0
## 13174       76       39       1009.7       1007.3       3       5       23.2
## 13175       64       22       1013.6       1011.8       1       1       22.4
## 13176       60       22       1015.5       1012.9       1       2       22.0
```

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## 13177          62          30          1016.7          1013.5          1          4          23.5
## 13178          54          33          1018.6          1014.9          3          4          22.4
## 13179          59          37          1018.1          1015.1          1          4          22.4
## 13180          66          29          1016.9          1013.9          1          6          21.9
## 13181          67          34          1016.5          1013.6          2          5          22.9
## 13186          62          42          1017.2          1015.7          3          4          23.6
## 13187          64          36          1020.0          1018.2          1          5          22.9
## 13188          71          60          1019.0          1017.0          6          8          22.4
## 13189          91          75          1019.7          1017.0          7          7          20.7
## 13190          66          47          1017.4          1015.3          7          7          22.7
## 13191          68          41          1016.1          1012.9          6          7          22.5
## 13192          67          42          1014.3          1010.8          2          6          24.7
## 13193          68          31          1010.7          1006.7          6          7          24.7
## 13194          56          42          1008.7          1006.5          5          6          24.5
## 13195          65          46          1013.2          1011.2          6          7          25.3
## 13196          70          39          1014.2          1010.9          3          5          23.4
## 13197          71          52          1012.7          1009.7          5          7          25.4
## 13198          74          57          1012.7          1011.2          7          3          21.9
## 13199          69          39          1013.9          1009.5          1          6          19.4
## 13200          69          22          1011.6          1009.2          1          1          17.2
## 13201          64          25          1013.3          1011.2          0          2          18.9
## 13202          57          16          1014.1          1012.3          0          0          20.8
## 13203          63          28          1016.7          1014.0          1          2          21.2
## 13204          69          36          1018.0          1015.3          6          5          21.9
## 13205          66          35          1020.0          1016.0          6          5          21.5
## 13206          68          35          1018.8          1014.3          7          7          19.9
## 13207          70          42          1016.1          1011.6          7          4          21.5
## 13208          68          43          1013.1          1009.7          1          7          22.8
## 13209          70          65          1013.8          1012.0          8          7          22.1
## 13210          67          35          1016.1          1013.1          6          5          22.2
## 13211          52          22          1017.7          1013.5          0          1          19.8
## 13212          63          35          1015.2          1009.3          1          5          22.1
## 13213          64          40          1009.3          1005.0          7          7          20.9
## 13215          72          32          1006.7          1004.9          4          3          22.4
## 13216          49          22          1014.6          1012.0          0          0          15.9
## 13217          59          30          1017.6          1015.5          1          4          17.6
## 13218          61          34          1021.1          1017.6          2          4          19.6
## 13219          57          31          1021.6          1018.4          1          6          20.6
## 13220          58          29          1021.1          1016.7          3          2          20.7
## 13221          61          33          1018.9          1014.4          1          3          20.0
## 13222          67          33          1017.4          1013.5          3          6          20.2
## 13224          49          15          1018.3          1013.4          3          0          22.4
## 13225          39          23          1016.9          1012.9          1          4          23.8
## 13226          40          19          1016.6          1012.4          1          2          24.5
## 13227          51          27          1016.7          1012.8          1          1          23.6
## 13228          54          33          1019.6          1014.9          1          1          23.5
## 13229          56          36          1020.7          1015.5          0          5          22.4
## 13230          54          33          1018.0          1014.5          4          6          22.9
## 13231          49          23          1019.1          1014.2          1          2          25.0
## 13232          55          22          1017.4          1015.5          1          1          20.3
## 13233          29          11          1023.0          1020.7          0          0          15.8
## 13234          43          24          1027.1          1023.6          1          2          17.0
## 13238          58          35          1024.6          1019.0          4          6          23.0
## 13239          65          69          1021.5          1017.7          7          7          22.1
```

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## 13241        78        46        1017.6        1013.5        5        6        18.9
## 13242        60        29        1017.1        1013.5        3        2        21.7
## 13243        63        27        1017.2        1013.3        6        5        21.6
## 13244        63        24        1015.1        1011.1        2        4        21.7
## 13246        69        91        1014.7        1014.4        8        8        22.2
## 13247        93        31        1015.4        1012.9        7        3        18.8
## 13251        95        95        1020.9        1018.1        8        8        15.4
## 13252        81        32        1018.3        1016.2        4        4        16.9
## 13253        61        32        1024.2        1020.2        2        7        17.3
## 13254        59        29        1025.6        1021.2        5        3        17.8
## 13255        60        41        1023.0        1018.1        1        4        18.2
## 13256        85        60        1020.4        1016.7        6        6        17.9
## 13258        66        25        1016.7        1013.9        3        2        11.1
## 13259        66        25        1019.6        1016.5        1        1        11.9
## 13261        54        17        1019.6        1016.8        1        0        15.1
## 13262        47        18        1023.0        1019.7        0        0        16.9
## 13263        48        19        1024.2        1019.6        0        0        17.2
## 13264        58        22        1022.3        1017.6        0        1        17.9
## 13265        57        22        1019.0        1015.0        2        5        15.8
## 13266        44        26        1020.4        1017.7        0        0        12.1
## 13267        60        21        1022.5        1019.9        0        0        11.9
## 13272        51        18        1024.6        1020.8        3        4        14.8
## 13273        36        16        1024.2        1020.3        1        1        14.4
## 13274        52        30        1024.9        1021.1        1        5        16.0
## 13281        65        37        1023.7        1021.5        0        2        12.5
## 13282        66        35        1027.2        1025.4        1        1        14.2
## 13283        68        39        1031.0        1027.4        1        1        14.2
## 13284        66        33        1029.8        1025.4        1        3        13.9
## 13285        69        79        1026.1        1022.7        7        8        14.3
## 13286        85        92        1019.1        1015.7        8        8        13.9
## 13287        99        77        1012.7        1009.2        8        5        14.3
## 13288        97        74        1009.7        1007.4        8        7        12.6
## 13289        78        65        1007.7        1006.4        7        7         8.6
## 13290        88        42        1015.2        1014.3        5        4         9.3
## 13291        58        38        1020.7        1018.6        1        1        12.9
## 13292        79        52        1024.1        1021.8        4        6        11.1
## 13293        77        32        1024.8        1021.7        7        5        10.8
## 13294        66        23        1022.8        1018.2        3        3        12.0
## 13295        67        42        1018.1        1015.0        1        7        12.1
## 13296        80        39        1016.8        1014.4        1        1        12.7
## 13297        61        41        1018.4        1015.4        1        2        15.0
## 13298        63        44        1018.7        1015.7        0        2        14.0
## 13299        74        34        1019.8        1016.7        0        1        13.1
## 13300        62        39        1020.8        1017.3        4        5        14.9
## 13301        99        36        1025.1        1022.7        8        1         9.9
## 13302        86        38        1025.1        1022.1        1        1         8.7
## 13303        85        40        1025.0        1021.0        1        1         7.4
## 13304        80        42        1024.5        1020.5        1        1         8.3
## 13305        70        26        1020.5        1015.3        0        1         9.9
## 13306        65        28        1014.1        1011.9        6        7        15.4
## 13307        79        38        1025.2        1023.3        0        1         8.2
## 13309        55        19        1030.0        1026.2        1        1         8.6
## 13310        52        28        1025.9        1024.0        7        6         9.7
## 13311        79        66        1026.3        1022.4        7        7         9.6
```

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## 13312        82      40      1021.7   1015.8   7       3       12.1
## 13314        70      35      1016.4   1013.7   3       6       13.9
## 13315        56      25      1019.6   1017.8   4       3       12.4
## 13316        67      36      1023.1   1020.0   1       1        7.2
## 13317        69      33      1022.7   1019.8   1       1        9.0
## 13318        80      37      1025.4   1023.6   0       0        5.9
## 13323        59      24      1029.0   1023.0   5       4       13.0
## 13324        60      75      1023.8   1020.1   7       7       15.2
## 13325        96      75      1023.0   1019.6   7       7       14.3
## 13327        97      91      1016.5   1013.3   8       8       17.2
## 13328        94      84      1018.0   1016.1   8       8       13.5
## 13329        77      55      1023.5   1022.6   1       2       10.1
## 13331        70      55      1026.8   1022.7   1       7       11.4
## 13332        92      92      1021.5   1017.9   7       6       12.9
## 13333        90      48      1020.4   1018.9   1       6       10.2
## 13334        74      42      1024.3   1022.0   0       0        8.4
## 13335        79      51      1026.4   1023.6   1       3        9.7
## 13336        73      44      1026.3   1023.3   1       5       10.6
## 13337        65      41      1026.2   1022.5   1       2       12.5
## 13341        78      39      1016.4   1014.2   1       5        9.1
## 13342        88      57      1020.9   1019.9   7       6        8.4
## 13343        84      43      1024.8   1022.2   1       1        8.8
## 13344        82      33      1024.0   1020.4   1       1        7.6
## 13345        88      28      1028.9   1020.9   0       1        6.6
## 13346        71      33      1023.5   1020.1   0       1        8.8
## 13347        66      30      1024.0   1019.9   0       1        7.2
## 13353        59      25      1025.4   1021.0   0       1        8.6
## 13354        57      42      1018.5   1015.7   7       7        9.8
## 13355        65      34      1021.3   1018.5   2       3        7.6
## 13356        54      36      1022.4   1019.0   1       3       10.1
## 13357        63      35      1023.7   1020.1   1       1       11.8
## 13358        61      31      1026.3   1022.4   1       1       11.8
## 13359        59      32      1024.6   1020.9   7       1       11.5
## 13360        55      14      1022.3   1017.2   2       1       11.8
## 13361        43      28      1017.7   1014.1   0       5       12.6
## 13362        49      14      1014.9   1009.8   0       4       12.9
## 13363        46      25      1018.8   1016.6   0       4       10.3
## 13364        61      30      1024.0   1021.2   1       5       10.6
## 13365        53      29      1023.6   1018.7   3       1       10.9
## 13369        61      28      1021.0   1018.3   0       0       14.1
## 13370        57      28      1022.0   1018.2   1       3       11.6
## 13371        59      38      1021.1   1018.3   4       3       13.3
## 13373        63      35      1025.0   1020.0   3       2       14.1
## 13374        62      34      1019.9   1014.3   1       2       16.8
## 13375        61      27      1015.1   1013.8   7       6       17.7
## 13376        56      23      1021.1   1017.8   6       1       10.0
## 13377        57      26      1022.9   1019.8   1       0       10.5
## 13378        34      20      1024.6   1020.8   0       0       12.6
## 13379        39      19      1023.6   1019.7   0       0       13.7
## 13380        37      16      1024.2   1020.1   0       0       14.1
## 13384        42      24      1022.0   1018.4   0       0       13.6
## 13385        47      29      1023.2   1019.8   0       0       14.7
## 13386        50      38      1025.8   1021.3   7       5       17.1
## 13388        48      23      1023.1   1017.5   1       3       20.0
```

```
## 13389          50          15          1014.6          1007.1          1          7          20.0
## 13390          50          23          1020.3          1017.6          0          0          11.8
## 13391          39          24          1023.5          1019.4          0          0          13.4
## 13392          46          30          1022.0          1016.5          3          6          16.0
## 13393          60          60          1019.6          1016.1          7          7          16.6
## 13394          64          32          1018.4          1013.2          1          4          18.3
## 13395          74          21          1017.2          1014.2          1          6          17.9
## 13396          32          16          1018.5          1013.4          1          1          21.2
## 13397          62          39          1016.6          1012.9          6          3          20.3
## 13398          46          10          1016.5          1011.9          0          0          18.2
## 13399          33          13          1014.0          1009.6          0          0          18.6
## 13400          39          14          1011.7          1011.2          3          1          18.0
## 13401          35          15          1018.4          1014.1          4          1          17.8
## 13402          52          31          1020.7          1015.9          1          3          19.4
## 13404          52          21          1017.2          1010.2          0          5          21.3
## 13405          90          79          1013.8          1012.6          8          7          17.8
## 13406          29          15          1021.8          1019.4          3          1          15.2
## 13407          41          19          1024.9          1021.3          0          1          16.7
## 13408          49          27          1029.2          1024.5          2          4          19.4
## 13409          46          23          1028.5          1022.8          0          0          17.7
## 13410          39          14          1024.1          1018.3          0          0          22.0
## 13411          29          12          1021.1          1016.4          0          3          23.6
## 13412          26          10          1017.6          1011.5          3          4          25.2
## 13413          48          20          1013.6          1011.3          0          0          18.5
## 13414          56          18          1013.6          1009.5          1          1          16.6
## 13415          30          15          1012.4          1008.8          2          1          18.3
## 13416          44           9          1010.6          1006.4          0          1          20.2
## 13417          94          67          1008.3          1008.5          8          7          12.9
## 13418          78          38          1016.3          1016.1          7          6           9.1
## 13419          53          20          1022.2          1018.9          0          5          13.5
## 13420          51          21          1023.9          1020.7          0          3          14.8
## 13421          48          23          1026.0          1022.3          0          1          17.8
## 13422          57          20          1023.2          1018.4          0          1          19.5
## 13423          45          17          1018.8          1014.6          0          1          21.5
## 13427          25          15          1015.9          1012.4          7          4          23.2
## 13428          59           9          1015.4          1012.6          1          1          21.1
## 13429          33          11          1022.0          1018.4          0          1          16.7
## 13430          39          14          1022.9          1016.4          0          1          17.8
## 13431          48          18          1016.9          1011.0          1          1          19.6
## 13432          28          10          1010.1          1006.2          0          6          23.3
## 13433          28          10          1014.3          1012.6          6          7          18.8
## 13434          50          26          1020.4          1017.4          3          6          19.3
## 13435          49          30          1022.4          1018.1          7          7          18.3
## 13436          63          38          1020.2          1015.7          6          7          18.2
## 13437          60          23          1018.3          1013.9          1          3          20.4
## 13438          47          12          1013.8          1007.1          1          3          23.8
## 13440          50          27          1015.5          1013.0          6          7          20.6
## 13441          50          32          1018.4          1014.4          4          5          21.9
## 13442          49          22          1020.1          1014.7          0          4          22.6
## 13443          48          24          1018.0          1013.5          6          7          23.7
## 13444          54          28          1015.9          1010.8          5          7          22.4
## 13445          53          31          1012.9          1010.5          7          7          24.2
## 13446          93          83          1015.6          1014.9          7          8          20.0
## 13447          45          22          1017.4          1015.5          8          8          19.4
```

```
## 13448    45    22    1022.4    1018.7    3    6    20.9
## 13449    37    18    1024.9    1019.6    0    1    19.0
## 13450    51    18    1021.2    1016.7    1    1    20.9
## 13451    36    13    1016.5    1012.1    5    6    23.4
## 13452    29    12    1013.0    1008.4    1    7    27.2
## 13453    34    16    1009.2    1006.2    8    8    25.8
## 13454    46    29    1010.0    1005.9    2    7    24.5
## 13455    79    19    1010.2    1007.3    7    1    20.8
## 13456    19     4    1012.7    1009.9    0    0    23.4
## 13457    31    11    1016.9    1013.4    1    1    21.2
## 13458    50    19    1017.0    1011.8    1    2    21.8
## 13463    53    27    1016.7    1012.4    4    7    26.2
## 13464    42    26    1016.4    1013.1    7    5    27.0
## 13465    40    23    1014.6    1011.7    7    3    27.2
## 13468    58    29    1016.2    1011.8    6    6    24.1
## 13469    41    17    1011.9    1008.0    1    1    27.6
## 13473    56    29    1017.6    1014.1    0    3    25.8
## 13474    47    23    1020.1    1015.0    1    1    24.9
## 13475    54    26    1013.5    1006.8    1    0    24.7
## 13476    37    15     999.7     996.4    5    2    29.0
## 13477    18    13    1004.1    1001.5    1    1    26.6
## 13478    48    24    1008.9    1005.8    0    2    28.6
## 13479    54    26    1010.8    1007.1    2    3    30.0
## 13481    82    28    1007.8    1005.9    7    1    23.5
## 13482    48    37    1015.3    1011.5    7    3    23.1
## 13483    56    34    1015.2    1011.4    2    1    23.8
## 13484    50    23    1011.7    1007.6    0    1    26.9
## 13485    43    17    1009.1    1004.0    3    3    28.8
## 13486    35    28    1006.5    1003.7    6    6    34.1
## 13487    62    46    1011.7    1009.0    7    7    26.9
## 13488    64    36    1012.6    1008.2    3    2    25.4
## 13489    64    39    1010.8    1007.6    6    7    26.0
## 13490    65    37    1011.5    1008.3    2    2    26.0
## 13491    61    35    1012.0    1008.5    6    2    24.8
## 13492    61    38    1009.2    1005.7    1    6    25.8
## 13493    53    57    1007.5    1004.5    5    8    27.3
## 13494    93    89    1005.1    1003.1    8    8    22.6
## 13495    99    99     999.0     997.1    8    8    20.3
## 13496    92    57    1004.7    1005.0    7    1    21.6
## 13497    70    19    1010.8    1009.5    1    1    25.4
## 13498    67    48    1012.9    1008.9    0    1    24.9
## 13499    98    92    1006.4    1006.4    8    8    20.3
## 13500    75    53    1009.8    1008.3    5    5    20.8
## 13501    78    44    1013.0    1011.1    8    7    21.1
## 13502    69    43    1014.5    1012.2    7    6    22.8
## 13503    58    40    1016.1    1013.4    0    3    22.5
## 13504    57    46    1017.4    1014.5    1    5    21.9
## 13505    61    35    1018.2    1014.4    2    4    21.5
## 13506    64    34    1019.4    1015.8    3    5    21.6
## 13507    61    39    1018.8    1015.8    7    6    22.9
## 13508    57    38    1018.3    1014.8    3    5    22.7
## 13509    59    34    1017.7    1014.8    2    4    22.2
## 13510    54    31    1017.8    1013.8    1    4    22.2
## 13511    53    26    1013.8    1009.3    1    2    21.7
```

```
## 13512     67     31     1010.4     1007.8     1     4     21.4
## 13513     51     34     1014.1     1011.9     0     5     23.1
## 13514     65     34     1014.5     1010.5     0     5     23.6
## 13515     39     21     1012.0     1011.3     0     0     21.4
## 13516     40     30     1016.9     1014.1     1     2     19.7
## 13517     58     29     1020.0     1017.3     1     4     20.5
## 13518     58     30     1022.3     1018.0     1     3     20.1
## 13519     60     43     1019.6     1015.2     1     7     20.1
## 13520     73     41     1019.6     1014.7     6     6     21.7
## 13521     90     55     1018.0     1014.2     7     6     22.6
## 13522     81     48     1015.9     1012.3     4     6     23.8
## 13523     75     21     1016.4     1013.6     1     1     21.3
## 13524     72     43     1018.5     1015.1     1     7     23.1
## 13525     69     36     1019.7     1015.8     1     5     23.2
## 13526     71     37     1019.4     1015.5     1     2     22.8
## 13527     84     43     1016.2     1013.5     7     6     21.6
## 13528     59     32     1015.4     1011.5     4     6     18.3
## 13529     80     42     1012.7     1012.2     8     7     19.1
## 13530     80     30     1016.4     1013.5     1     5     17.2
## 13531     62     22     1016.5     1013.5     1     1     18.7
## 13532     52     25     1017.2     1015.0     2     5     18.0
## 13533     60     29     1023.2     1020.8     1     4     19.6
## 13534     65     26     1026.6     1022.7     4     5     17.4
## 13535     68     40     1025.1     1021.1     8     6     17.2
## 13536     71     33     1023.0     1018.9     4     2     20.0
## 13537     60     31     1023.6     1020.1     1     3     20.1
## 13538     57     34     1024.4     1019.5     7     7     20.7
## 13539     52     30     1022.6     1017.9     1     4     20.6
## 13540     50     27     1022.4     1018.8     1     4     20.9
## 13541     47     25     1022.9     1018.3     3     6     21.2
## 13542     44     25     1019.2     1014.3     4     3     21.7
## 13543     69     31     1015.4     1011.0     6     5     19.4
## 13544     62     22     1012.3     1008.3     7     3     19.7
## 13545     59     28     1012.7     1009.0     7     2     21.1
## 13546     61     23     1014.8     1011.1     1     6     20.8
## 13547     48     16     1015.5     1012.5     0     1     18.8
## 13548     36     24     1015.1     1012.1     0     6     17.8
## 13549     43     19     1014.0     1010.9     2     2     14.7
## 13550     54     27     1015.2     1010.0     1     5     17.7
## 13551     40     16     1012.6     1009.3     1     1     19.7
## 13553     39     22     1019.8     1016.0     2     0     20.4
## 13557     56     28     1022.3     1018.5     0     0     19.6
## 13558     50     25     1023.9     1020.4     2     1     20.8
## 13559     54     32     1024.0     1020.0     1     2     20.4
## 13560     62     28     1021.9     1016.6     1     1     21.1
## 13563     58     10     1022.8     1018.2     2     2     18.6
## 13564     34     14     1021.9     1017.4     1     5     18.5
## 13565     57     47     1022.4     1018.9     5     7     18.7
## 13566     50     33     1026.2     1022.5     3     2     18.3
## 13567     51     25     1029.1     1024.6     2     2     17.8
## 13568     52     30     1030.2     1026.1     1     5     18.2
## 13569     55     13     1028.8     1024.8     0     1     16.8
## 13570     45     29     1028.3     1023.2     0     3     17.9
## 13571     48     25     1025.9     1021.2     0     3     17.5
```

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## 13572      59      44      1020.7      1015.5      7      7      18.3
## 13573      78      54      1015.1      1013.4      3      4      16.6
## 13574      78      34      1017.4      1014.1      1      4      11.6
## 13575      64      37      1016.5      1012.6      2      3      13.7
## 13576      76      35      1018.4      1015.5      1      6      13.4
## 13577      65      31      1019.0      1016.0      2      6      11.2
## 13578      52      30      1021.2      1017.7      5      1      12.8
## 13579      64      26      1021.5      1017.6      6      1       9.7
## 13580      54      38      1020.6      1017.0      7      7      11.5
## 13581      84      87      1014.9      1007.8      8      8      11.7
## 13582      94      66      1011.8      1010.4      7      7      11.4
## 13583      89      51      1014.7      1014.5      7      5      12.6
## 13584      81      39      1022.6      1021.0      0      3      11.9
## 13586      62      28      1027.1      1024.6      1      6      11.1
## 13587      61      40      1030.1      1026.4      1      6      14.2
## 13588      62      32      1030.5      1026.5      5      1      16.2
## 13589      63      36      1029.4      1025.5      1      3      16.3
## 13590      66      35      1028.6      1023.3      3      5      16.6
## 13591      74      45      1023.9      1017.6      7      8      15.3
## 13592      97      84      1013.9      1012.0      8      7      13.4
## 13593      83      46      1021.1      1020.0      1      1      10.4
## 13594      78      28      1025.5      1023.2      1      5       9.3
## 13595      81      42      1027.0      1023.5      7      7      10.8
## 13596      82      58      1026.1      1022.5      7      7      15.4
## 13597      75      54      1025.4      1022.5      7      7      16.6
## 13598      88      42      1026.9      1024.0      6      5      14.9
## 13599      74      53      1026.6      1023.2      6      7      15.3
## 13600      92      82      1023.4      1020.5      7      7      14.7
## 13601      87      59      1021.0      1017.1      1      3      15.2
## 13602      81      97      1015.1      1011.5      5      8      18.5
## 13603      86      65      1012.8      1010.5      3      7      14.6
## 13604      79      56      1013.4      1011.2      6      7      11.6
## 13605      86      63      1015.2      1014.6      8      6      11.6
## 13606      99      39      1017.5      1013.6      8      1       7.4
## 13608      84      41      1016.9      1014.6      1      2       7.4
## 13609      82      44      1021.7      1018.7      1      5       6.4
## 13611      78      46      1019.9      1017.1      6      5      11.1
## 13612      87      38      1023.0      1020.9      1      5       9.1
## 13613      71      39      1026.0      1023.0      4      6       9.8
## 13614      76      27      1023.7      1019.8      1      6       9.1
## 13615      77      91      1018.0      1016.0      7      8       6.9
## 13616      97      57      1020.2      1016.8      6      1       4.5
## 13617      89      86      1019.9      1017.1      7      7      11.7
## 13618      81      51      1021.1      1018.5      3      6      14.5
## 13620     100      55      1022.4      1019.8      7      2       8.3
## 13621      80      51      1020.9      1017.9      1      1      12.4
## 13622      88      46      1021.9      1019.3      0      1      12.0
## 13623      76      41      1024.1      1021.7      0      0      11.8
## 13624      77      42      1022.0      1016.4      1      4      14.5
## 13625      73      24      1017.2      1015.7      7      2      15.8
## 13627      61      24      1028.5      1026.0      0      0       8.4
## 13628      68      27      1031.8      1029.0      0      0       7.3
## 13629      68      38      1031.4      1027.6      5      6       9.9
## 13630      61      50      1030.6      1028.2      7      7      13.2
```

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## 13631          71          44          1032.7          1029.4          1          2          13.4
## 13633          76          42          1028.7          1025.2          0          3          12.8
## 13634          67          36          1027.8          1025.0          4          6          13.4
## 13635          75          53          1026.4          1022.9          7          7          13.6
## 13636          84          47          1025.9          1022.9          6          3          15.4
## 13637          77          46          1025.8          1021.4          1          2          15.5
## 13638          75          45          1024.6          1019.7          6          7          15.4
## 13639          75          95          1019.6          1015.9          3          8          16.6
## 13640          97          55          1014.8          1012.5          8          6          14.5
## 13641          83          42          1020.5          1018.0          1          5           9.4
## 13642          74          41          1023.1          1020.8          4          5          10.3
## 13644          93          45          1026.9          1024.6          1          1           7.3
## 13645          75          36          1028.5          1025.6          1          1          10.0
## 13646          79          41          1028.8          1025.7          5          1          11.1
## 13647          68          34          1029.6          1026.2          0          0          11.0
## 13648          71          36          1029.8          1025.8          1          3          13.0
## 13649          69          49          1026.6          1022.7          5          7          15.3
## 13650          71          45          1021.1          1017.8          6          5          14.7
## 13651          65          35          1021.0          1017.9          0          5          14.6
## 13653          71          31          1019.8          1016.3          5          6          15.4
## 13655          63          34          1020.0          1017.2          1          2          10.6
## 13656          63          39          1021.8          1018.1          1          2          12.5
## 13657          69          26          1020.7          1015.3          4          1          11.4
## 13658          54          17          1016.1          1011.2          2          4          12.9
## 13659          62          28          1015.8          1013.1          2          1          10.8
## 13660          70          30          1020.7          1017.3          0          1           9.5
## 13661          62          20          1020.3          1017.6          2          1          10.9
## 13662          44          22          1019.7          1015.5          2          2          15.7
## 13663          40           9          1013.2          1008.1          1          6          17.8
## 13664          66           8          1018.9          1016.6          0          1          12.4
## 13665          36          26          1017.8          1012.4          7          7          12.4
## 13667          34          16          1023.5          1017.1          0          2          11.9
## 13670          67          14          1017.8          1012.3          5          1          11.4
## 13671          55          24          1019.2          1016.3          1          1           9.2
## 13672          53          23          1020.3          1016.4          1          1           7.9
## 13674          43          24          1019.3          1016.4          1          5          11.7
## 13675          58          34          1023.6          1021.2          1          3          13.7
## 13676          59          29          1026.4          1022.6          0          1          14.7
## 13677          57          16          1025.8          1021.4          0          1          15.4
## 13678          37          19          1023.0          1019.0          1          0          16.5
## 13679          37          18          1021.9          1018.2          0          1          18.3
## 13680          49          25          1022.9          1017.3          1          2          18.3
## 13681          62          22          1021.3          1015.8          3          1          19.4
## 13682          65          22          1023.0          1021.9          7          6          17.2
## 13683          50          19          1025.7          1022.6          5          3          19.7
## 13684          48          21          1029.6          1025.9          1          1          18.0
## 13685          51          29          1031.3          1027.6          0          1          18.6
## 13686          48          30          1032.7          1027.5          0          1          17.7
## 13688          48          20          1029.2          1024.3          1          3          18.3
## 13689          39          17          1027.1          1022.1          3          5          19.6
## 13690          42          14          1025.2          1019.9          6          5          19.4
## 13691          38          23          1021.7          1016.3          1          1          21.2
## 13692          52          15          1014.9          1008.8          1          3          20.5
## 13693          43           7          1014.2          1011.2          1          1          19.6
```

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## 13694    31    10    1016.5    1011.6    1    1    18.5
## 13695    26    19    1016.3    1011.2    0    3    22.4
## 13696    58    14    1014.4    1011.0    1    0    21.7
## 13698    93    89    1014.2    1008.2    8    8    16.0
## 13699    62    39    1007.6    1004.7    1    5    18.5
## 13700    58    22    1009.8    1006.6    1    1    17.7
## 13701    54    20    1010.2    1007.5    0    0    18.7
## 13702    39    17    1014.6    1010.7    0    0    18.3
## 13704    40    17    1016.4    1012.3    1    0    17.3
## 13705    33     8    1015.6    1010.2    0    1    19.8
## 13706    38     8    1009.5    1005.7    1    1    23.3
## 13707    22     9    1011.9    1008.4    0    0    26.2
## 13708    32    11    1010.5    1009.0    0    1    26.9
## 13709    23     4    1018.4    1012.8    0    0    19.6
## 13710    56    11    1015.8    1010.4    6    3    22.1
## 13711    19     9    1018.2    1013.9    0    0    22.1
## 13712    52    11    1019.3    1013.2    0    0    22.9
## 13713    48    15    1013.4    1007.0    7    8    24.6
## 13714    93    39    1017.2    1012.8    8    4    17.3
## 13715    40    15    1015.8    1014.7    1    1    17.8
## 13716    34    11    1021.6    1016.6    0    0    15.7
## 13717    36    10    1019.0    1013.6    3    6    19.5
## 13718    34     5    1014.2    1009.1    0    0    18.5
## 13719    27     7    1009.9    1007.9    1    7    20.1
## 13720    42    11    1014.8    1012.4    0    1    18.3
## 13721    52    16    1021.3    1017.1    0    0    18.0
## 13722    52    13    1017.6    1011.4    0    0    20.5
## 13723    28    14    1012.0    1011.3    0    0    24.8
## 13724    53    27    1015.3    1009.8    5    6    21.9
## 13725    57    33    1011.5    1006.5    8    7    22.0
## 13726    39    11    1017.7    1016.3    1    0    15.9
## 13727    30     9    1023.2    1020.0    0    0    15.5
## 13728    59    13    1021.7    1016.2    4    1    18.5
## 13729    41    22    1016.3    1010.6    3    3    21.9
## 13733    59    24    1019.8    1014.9    1    1    22.3
## 13734    51    21    1016.6    1011.9    1    1    24.2
## 13735    41    22    1012.1    1008.6    4    7    24.6
## 13736    38     9    1015.2    1014.9    7    1    20.5
## 13737    22     4    1021.6    1018.3    0    1    17.6
## 13738    18     7    1021.9    1018.3    1    0    19.6
## 13739    18     3    1021.6    1017.6    0    0    20.2
## 13740    60    16    1018.5    1013.6    4    2    21.3
## 13741    56    17    1010.7    1008.9    7    5    23.6
## 13742    40    18    1015.5    1012.6    0    1    21.0
## 13743    46    26    1019.4    1016.0    3    6    20.7
## 13744    49    22    1021.3    1017.4    1    6    22.0
## 13745    35    20    1021.2    1015.8    6    6    22.7
## 13746    25     7    1016.7    1011.7    1    6    26.4
## 13747    31     6    1018.0    1015.6    0    0    20.1
## 13748    36    21    1023.5    1018.9    4    1    18.9
## 13749    47    22    1022.2    1016.5    0    1    19.7
## 13750    48    17    1018.4    1013.6    0    1    21.8
## 13751    32    12    1014.7    1010.2    2    2    25.1
## 13752    26    18    1010.8    1006.8    7    6    25.1
```

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## 13753      41      17      1011.1      1007.8      6      5      23.7
## 13758      14       6      1013.7      1010.1      0      2      25.6
## 13759      44      10      1010.6      1006.9      2      7      23.2
## 13760      40      19      1011.2      1008.1      5      6      20.6
## 13761      48      20      1011.2      1007.0      3      6      20.7
## 13762      42      20      1010.3      1007.1      1      6      21.5
## 13763      33      14      1010.5      1006.6      2      2      26.1
## 13768      37      13      1006.9      1003.9      1      1      21.7
## 13769      38      15      1010.8      1008.7      1      1      23.7
## 13770      50      18      1016.6      1012.1      0      1      21.9
## 13771      52      17      1013.6      1007.9      0      1      23.5
## 13772      87      83      1008.4      1006.6      8      8      21.2
## 13773      59      28      1012.8      1011.4      3      6      22.6
## 13774      46      21      1021.7      1018.0      1      1      20.9
## 13775      48      22      1021.0      1016.1      5      1      20.5
## 13776      49      15      1016.5      1011.1      0      1      22.8
## 13777      49      19      1010.0      1004.0      2      5      24.4
## 13778      95      29      1003.0      1003.8      8      5      19.0
## 13779      28      15      1015.8      1014.3      1      0      17.0
## 13780      35      14      1019.8      1016.4      0      3      20.4
## 13782      42      19      1013.1      1007.1      4      1      24.6
## 13783      39      24      1007.1      1004.5      7      7      26.9
## 13784      24      14      1008.1      1004.9      5      7      27.8
## 13786      45       7      1011.3      1008.3      0      3      24.8
## 13787      54      40      1013.5      1010.0      0      6      26.4
## 13788      48      13      1014.7      1011.1      1      3      26.0
## 13789      46      25      1016.0      1011.7      3      7      25.3
## 13790      49      24      1018.2      1015.6      1      4      24.3
## 13792      42      11      1021.6      1017.1      1      1      23.2
## 13793      45      19      1020.6      1014.8      2      2      24.1
## 13794      41      20      1016.4      1012.0      0      3      26.2
## 13795      46      17      1015.6      1011.2      6      5      27.2
## 13796      47      19      1013.3      1009.7      5      7      26.0
## 13797      36      21      1013.0      1010.9      7      7      27.6
## 13798      56      24      1015.2      1011.4      7      7      26.3
## 13799      51      28      1012.2      1007.8      7      6      26.2
## 13800      38      10      1009.4      1005.2      3      5      29.1
## 13801      55      14      1009.7      1004.7      0      5      26.4
## 13802      50       8      1007.4      1003.7      1      1      29.9
## 13803      47      13      1009.1      1005.0      1      5      27.4
## 13804      55      18      1010.7      1007.2      4      1      26.6
## 13805      52      19      1012.4      1008.7      1      4      26.4
## 13806      44      27      1008.6      1004.6      7      5      29.4
## 13807      36       5      1001.9       995.9      1      6      33.4
## 13808      29      13      1002.9      1002.6      0      0      29.4
## 13809      25       7      1007.5      1004.7      0      0      26.2
## 13810      10       7      1008.5      1006.9      1      1      29.4
## 13811      34      15      1012.1      1008.7      5      1      25.1
## 13812      48      25      1016.4      1013.1      2      6      24.7
## 13813      56      31      1019.4      1016.6      7      7      22.1
## 13814      44      29      1019.8      1016.0      4      8      24.3
## 13815      53      28      1018.7      1013.7      5      6      25.5
## 13816      52      22      1015.8      1011.2      0      3      26.0
## 13817      50      21      1018.0      1013.6      1      2      24.5
```

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## 13818     48     20     1019.6     1015.8     0     2     25.3
## 13819     49     20     1021.6     1016.6     0     1     25.2
## 13820     47     18     1019.5     1013.8     0     1     25.8
## 13821     47     26     1015.6     1011.2     0     5     25.6
## 13822     45     22     1013.8     1009.0     0     3     25.1
## 13823     52     22     1009.8     1004.3     0     1     25.5
## 13824     39     12     1005.9     1002.1     1     3     28.2
## 13825     41     11     1005.0     1002.0     1     1     31.1
## 13826     39      9     1009.9     1008.2     6     6     28.9
## 13828     69     52     1013.3     1009.5     7     7     22.6
## 13829     55     20     1011.0     1008.7     6     3     22.4
## 13830     48     27     1017.8     1014.7     1     2     23.4
## 13831     48     23     1020.3     1016.5     0     1     22.3
## 13832     46     24     1019.3     1014.6     0     1     23.3
## 13833     46     21     1017.4     1012.1     1     1     23.4
## 13834     47     21     1017.2     1012.5     1     0     22.9
## 13838     47     23     1013.4     1009.4     1     1     24.0
## 13839     54     25     1013.6     1010.0     3     1     23.3
## 13840     44     29     1016.4     1012.5     3     7     25.2
## 13841     48     32     1016.1     1012.3     7     7     21.5
## 13842     58     27     1015.6     1012.2     2     3     21.9
## 13843     57     18     1017.3     1013.2     0     1     23.4
## 13844     53     29     1018.3     1014.1     0     1     24.4
## 13845     60     24     1014.6     1010.7     0     2     27.4
## 13846     57     21     1016.1     1011.5     4     1     23.9
## 13847     51     22     1014.2     1010.2     1     1     25.4
## 13853     64     36     1009.6     1005.1     5     3     26.5
## 13854     68     78     1006.2     1003.3     7     7     26.0
## 13859     50     25     1018.1     1013.9     0     4     22.4
## 13860     64     31     1016.5     1011.7     1     6     22.1
## 13861     57     34     1015.1     1012.0     4     7     23.4
## 13866     56     35     1020.3     1017.6     3     6     24.9
## 13867     43     30     1023.3     1019.5     4     7     23.1
## 13868     57     29     1018.8     1014.7     4     3     22.1
## 13872     49     23     1020.5     1015.8     1     5     22.8
## 13873     46     19     1020.5     1016.4     1     1     22.7
## 13874     51     24     1020.6     1016.5     1     3     23.2
## 13875     56     24     1018.5     1014.7     1     3     22.2
## 13880     50     21     1016.9     1014.5     0     1     21.1
## 13881     57     33     1019.7     1016.6     1     5     23.0
## 13882     60     33     1020.4     1016.6     1     6     26.3
## 13886     65     29     1017.3     1012.5     1     5     23.1
## 13887     94     45     1015.2     1011.5     8     6     18.6
## 13888     80     82     1017.2     1016.3     7     8     19.7
## 13889     94     92     1018.3     1017.0     8     8     19.1
## 13894     77     41     1019.7     1015.9     1     5     22.3
## 13895     77     46     1019.1     1015.6     1     7     22.3
## 13896     69     40     1017.5     1014.2     3     4     22.8
## 13900     80     25     1018.1     1015.3     1     1     23.6
## 13901     52     33     1020.9     1017.1     1     3     21.9
## 13902     51     33     1021.5     1016.8     5     6     20.3
## 13903     61     37     1020.0     1014.9     1     7     22.1
## 13908     52     32     1015.4     1012.0     1     4     22.9
## 13909     59     36     1017.8     1014.3     2     4     19.9
```

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## 13910    50    27    1017.6    1014.4    1    3    21.1
## 13914    46    28    1018.3    1015.8    0    1    20.8
## 13915    44    23    1021.1    1017.1    1    2    19.1
## 13916    51    31    1020.4    1016.3    7    7    22.6
## 13917    55    24    1019.4    1014.3    1    3    21.6
## 13922    65    46    1022.6    1018.3    1    6    20.2
## 13923    66    35    1019.8    1015.1    1    7    19.0
## 13924    76    83    1015.8    1013.0    7    7    17.6
## 13928    66    51    1013.9    1013.6    7    6    11.0
## 13929    59    32    1022.0    1019.9    6    6    11.3
## 13931    59    27    1021.7    1018.5    5    4    13.1
## 13936    58    27    1027.0    1023.7    2    2    18.1
## 13937    55    20    1028.6    1023.7    0    1    17.3
## 13938    50    29    1027.1    1023.0    0    1    18.5
## 13942    60    37    1029.4    1025.7    6    7    17.2
## 13943    57    31    1028.2    1023.6    7    7    18.3
## 13944    57    41    1025.6    1022.1    7    7    17.5
## 13945    58    30    1024.2    1020.9    0    2    17.5
## 13950    56    27    1024.4    1020.7    6    6    19.9
## 13951    64    34    1022.2    1015.0    6    1    19.1
## 13952    71    37    1018.5    1016.7    5    6    18.9
## 13956    63    87    1019.3    1016.9    5    7    19.2
## 13959    84    50    1024.7    1023.2    3    7     9.9
## 13964    54    21    1025.2    1022.4    1    1    13.7
## 13965    52    34    1026.3    1021.4    2    3    15.6
## 13966    59    34    1025.3    1020.5    1    1    13.2
## 13970    99    75    1018.5    1017.8    8    6     8.0
## 13971    86    51    1024.8    1023.4    2    3    10.4
## 13972    83    50    1027.6    1025.3    1    1     9.5
## 13973    72    34    1029.0    1026.1    0    1    11.5
## 13978    70    26    1019.2    1014.5    4    7    11.6
## 13979    50    32    1018.3    1016.2    4    3    11.3
## 13980    64    40    1022.5    1020.9    1    1     9.4
## 13984    57    35    1016.0    1013.8    1    4     9.6
## 13985    66    39    1021.6    1020.9    1    4     8.9
## 13986    66    45    1028.7    1026.2    1    1     8.3
## 13992    56    39    1019.4    1016.5    3    1    10.8
## 13993    68    23    1019.4    1014.5    0    0     7.5
## 13994    38    10    1012.3    1006.6    0    0    10.9
## 13998    60    22    1025.9    1024.2    1    2     8.2
## 13999    54    33    1029.9    1025.7    1    7    10.2
## 14000    56    33    1024.2    1019.7    6    7    13.8
## 14001    94    54    1019.1    1017.0    6    3    12.6
## 14008    59    32    1024.4    1019.5    6    7    12.5
## 14013    62    30    1025.8    1021.6    1    1     9.6
## 14014    53    21    1024.7    1020.5    0    1    11.3
## 14015    47    18    1024.3    1020.1    0    0    11.9
## 14020    50    36    1031.7    1028.0    7    7    15.4
## 14021    52    33    1032.8    1029.5    3    2    14.5
## 14022    48    26    1032.9    1028.6    0    1    14.7
## 14026    57    17    1026.8    1022.3    3    6    13.0
## 14027    43    23    1024.3    1021.5    1    1     9.6
## 14028    43    21    1026.3    1023.2    1    2     8.2
## 14029    48    31    1029.1    1026.4    6    7    13.7
```

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## 14034     96     66     1012.5     1011.3     8     7     10.6
## 14035     82     66     1017.2     1016.1     7     7     11.8
## 14036     65     38     1022.6     1019.3     1     1     12.7
## 14048     50     17     1018.8     1014.0     1     4     16.6
## 14049     45     26     1011.6     1012.4     7     4     16.1
## 14050     55     11     1017.4     1013.8     1     1     10.6
## 14054     41     24     1027.0     1022.8     5     6     16.9
## 14055     49     29     1026.2     1020.5     4     6     16.8
## 14056     52     28     1021.6     1014.5     1     1     18.3
## 14057     45     16     1014.0     1013.1     2     1     21.1
## 14062     43      8     1017.8     1012.4     1     1     20.7
## 14063     32      9     1013.7     1010.7     1     1     20.8
## 14064     32     17     1016.9     1013.9     1     5     18.7
## 14069     39     26     1028.9     1024.6     7     7     17.9
## 14070     39     18     1028.0     1022.5     1     3     19.5
## 14077     41     16     1019.1     1013.9     2     2     23.5
## 14078     26      7     1017.7     1015.7     1     0     23.1
## 14083     52     19     1018.8     1013.4     0     1     21.8
## 14084     55     20     1013.6     1009.0     7     1     20.0
## 14085     42     14     1016.1     1013.7     1     1     18.4
## 14091     39     18     1013.7     1012.6     1     5     14.4
## 14092     67     28     1017.8     1014.9     7     3     11.9
## 14096     52     25     1027.3     1022.3     0     1     19.3
## 14097     49     18     1025.3     1020.4     5     6     21.1
## 14098     48     27     1027.1     1022.6     1     1     21.9
## 14099     49     30     1025.3     1020.2     0     4     19.0
## 14106     18     12     1016.7     1013.4     0     0     23.4
## 14110     22      6     1018.4     1016.9     6     7     18.9
## 14111     47     15     1021.3     1016.9     2     1     20.8
## 14112     50     24     1022.3     1016.8     5     4     21.2
## 14113     46     26     1019.4     1012.1     1     7     22.6
## 14118     40     15     1017.2     1012.6     3     1     26.7
## 14119     33     16     1013.7     1009.8     1     3     28.7
## 14120     54     21     1014.6     1009.9     1     1     24.4
## 14124     42     27     1009.7     1007.1     7     5     26.6
## 14125     38      8     1014.2     1011.0     1     2     21.4
## 14126     20      7     1016.5     1013.4     1     5     26.0
## 14127     42      4     1016.5     1012.1     1     4     26.6
## 14132     51     23     1014.1     1009.1     2     5     29.2
## 14133     46     45     1014.1     1013.5     7     7     27.7
## 14134     54     43     1015.8     1013.5     7     7     25.7
## 14138     45     22     1016.1     1011.1     3     7     23.2
## 14139     51     33     1012.7     1010.0     7     7     23.1
## 14140     43     24     1013.8     1010.1     2     5     25.6
## 14141     42     23     1015.9     1010.8     2     7     26.7
## 14146     76     22     1008.4     1007.7     7     6     25.6
## 14147     63     38     1012.7     1008.8     2     5     26.8
## 14148     59     25     1012.4     1007.9     1     2     26.4
## 14152     49     21     1011.9     1008.2     1     1     21.5
## 14153     56     13     1010.5     1007.0     0     3     23.7
## 14154     50     10     1007.8     1001.3     1     7     25.6
## 14155     40     10     1005.3     1002.6     1     3     29.7
## 14160     55     27     1016.6     1011.9     1     3     25.5
## 14161     56     34     1016.8     1013.3     7     8     23.2
```

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## 14162        66      27      1012.8      1009.7      2       4       25.9
## 14166        93      94      1014.9      1011.7      8       8       17.6
## 14167        86      39      1010.1      1006.6      7       2       22.6
## 14168        70      13      1009.9      1006.3      3       1       27.0
## 14169        23      11      1010.7      1008.3      0       0       27.2
## 14174        67      46      1015.9      1013.6      8       8       24.0
## 14175        54      32      1017.4      1015.3      1       4       25.8
## 14176        50      29      1018.1      1014.0      1       1       25.0
## 14180        56      37      1011.2      1007.6      7       7       26.1
## 14181        89      54      1010.0      1007.3      7       7       21.7
## 14182        69      64      1008.5      1005.3      7       7       25.3
## 14183        83      68      1003.9      1001.6      7       5       25.8
## 14188        29      13      1008.4      1005.6      2       7       24.7
## 14189        52      26      1009.0      1003.6      1       6       26.8
## 14190        71      71      1007.2      1005.5      7       7       23.4
## 14194        60      25      1005.7      1002.3      1       6       28.4
## 14195        57      31      1006.1      1001.7      4       6       29.4
## 14196        65      45      1007.5      1002.5      7       7       26.3
## 14202        58      22      1008.7      1006.5      1       7       24.9
## 14203        64      45      1014.7      1012.7      7       7       22.7
## 14204        54      21      1013.1      1009.8      1       1       21.8
## 14210        48      26      1021.1      1017.6      1       2       26.1
## 14211        52      29      1020.4      1016.4      1       4       24.8
## 14216        64      33      1016.4      1012.5      1       3       23.4
## 14217        53      27      1016.7      1013.2      5       7       23.7
## 14218        50      26      1016.5      1012.7      1       3       23.3
## 14222        54      29      1011.9      1009.2      1       4       26.7
## 14223        55      27      1012.5      1008.7      0       3       26.7
## 14224        58      30      1012.2      1008.1      1       3       25.8
## 14225        54      29      1012.7      1008.3      1       1       25.6
## 14230        58      30      1012.5      1009.5      1       1       25.5
## 14231        65      33      1015.3      1011.8      0       1       24.3
## 14232        53      25      1013.5      1009.1      1       2       27.2
## 14236        71      29      1011.8      1009.0      7       7       23.4
## 14237        59      18      1011.2      1008.1      0       2       26.7
## 14238        61      28      1013.7      1011.0      4       4       27.0
## 14239        88      50      1015.7      1013.8      7       7       21.3
## 14244        50      21      1013.5      1010.3      1       2       21.1
## 14245        56      34      1014.3      1009.7      1       4       22.2
## 14246        75      35      1011.2      1007.3      6       1       22.0
## 14250        75      51      1019.1      1015.5      6       3       22.5
## 14251        72      43      1017.3      1013.0      1       3       21.7
## 14265        79      45      1010.3      1004.6      4       3       20.6
## 14266        55      33      1011.9      1011.9      1       3       20.1
## 14267        66      54      1020.5      1018.8      3       5       15.2
## 14271        70      33      1019.4      1015.5      5       7       20.5
## 14272        56      30      1020.0      1016.5      1       2       21.6
## 14273        60      35      1021.9      1019.0      6       7       19.9
## 14274        67      39      1025.7      1021.9      7       2       21.1
## 14279        79      52      1021.6      1018.2      5       2       11.0
## 14280        85      90      1019.4      1016.9      7       8       10.9
## 14281        82      56      1016.7      1013.1      1       4       12.8
## 14285        68      40      1016.1      1014.9      7       1       12.5
## 14286        57      32      1020.9      1018.0      1       1       15.1
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## 14288      53      28      1026.1      1022.2      2      3      17.8
## 14293      83      51      1015.9      1012.5      1      3      19.5
## 14294      82      26      1013.6      1010.6      1      1      19.3
## 14295      56      28      1017.5      1016.3      0      0      16.4
## 14300      54      32      1018.9      1016.4      1      1      14.6
## 14314      69      37      1032.1      1028.6      7      7      14.4
## 14316      80      43      1026.0      1022.2      3      2      13.5
## 14320      95      90      1017.4      1016.0      7      8      15.8
## 14321      96      58      1021.1      1019.3      7      2       8.5
## 14322      79      39      1025.4      1021.9      0      2       6.1
## 14323      73      34      1023.7      1021.3      7      6       6.7
## 14327      72      37      1030.2      1026.5      1      2      13.6
## 14328      69      33      1028.1      1024.4      3      7      14.4
## 14329      76      47      1026.2      1023.3      7      3      14.7
## 14330      67      35      1027.4      1025.3      1      1      14.7
## 14335      65      52      1025.0      1021.4      7      6      16.5
## 14336      86      92      1021.9      1018.4      8      8      14.8
## 14337      94      74      1016.6      1013.7      8      5      15.0
## 14341      78      41      1027.0      1024.6      0      1       9.6
## 14342      72      46      1028.6      1026.1      0      2      11.5
## 14343      71      47      1028.0      1024.8      7      5      12.9
## 14344      76      54      1024.3      1020.4      7      7      14.8
## 14349      71      56      1031.6      1027.8      1      3      12.8
## 14350      76      75      1028.5      1025.3      7      7      13.0
## 14351      98      71      1026.6      1024.3      8      4      10.6
## 14355      73      48      1023.2      1019.7      4      1      10.6
## 14358      72      40      1025.5      1023.5      0      1      10.0
## 14363      80      69      1016.0      1014.7      8      7       8.5
## 14364      84      51      1019.6      1017.3      7      8       8.5
## 14365      75      54      1020.3      1016.9      7      7       8.8
## 14369      72      43      1030.3      1027.2      0      1      10.4
## 14370      74      34      1031.3      1028.0      1      1      11.0
## 14371      70      46      1030.8      1028.0      1      4      12.5
## 14372      76      63      1028.2      1024.7      7      8      12.2
## 14377      74      49      1029.0      1027.5      6      5      10.0
## 14378      79      44      1033.8      1030.3      0      0       6.3
## 14379      68      42      1033.9      1029.4      0      1       8.9
## 14383      64      39      1021.1      1016.7      3      3      15.0
## 14384      81      39      1020.2      1019.1      1      1      10.6
## 14385      75      43      1023.6      1020.5      1      1       9.2
## 14386      70      44      1021.1      1017.2      2      1       7.4
## 14391      69      30      1021.2      1017.5      0      0      11.0
## 14392      59      31      1017.7      1014.2      2      6      12.4
## 14398      62      37      1021.6      1017.4      1      2      13.0
## 14399      65      36      1022.5      1020.1      1      4      10.6
## 14400      59      29      1025.9      1023.0      1      1      12.4
## 14405      83      77      1017.5      1013.8      7      7      19.5
## 14406      80      59      1020.8      1019.4      7      4      14.0
## 14411      59      35      1021.1      1017.7      0      1      12.4
## 14412      76      39      1019.3      1015.7      1      1       9.6
## 14413      66      32      1019.2      1015.7      0      0      12.3
## 14414      55      32      1018.2      1012.0      7      7      14.0
## 14420      46      25      1022.5      1020.2      0      0      13.8
## 14421      60      35      1025.5      1022.6      1      1      13.6
```

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## 14425      58      31      1028.5      1023.7      0      1      18.3
## 14426      61      31      1026.6      1021.3      1      1      17.7
## 14427      57      27      1020.9      1015.7      1      3      20.0
## 14428      62      27      1017.3      1013.1      6      2      18.3
## 14434      51      23      1018.8      1017.1      3      1      17.7
## 14435      47      27      1022.2      1019.9      3      3      14.3
## 14440      54      22      1020.7      1016.2      0      1      18.1
## 14441      45      13      1020.5      1016.2      1      4      20.2
## 14442      55      15      1022.6      1018.4      1      5      19.7
## 14453      56      28      1025.3      1020.5      1      2      19.5
## 14454      43      20      1021.5      1017.2      6      7      21.1
## 14455      43      18      1018.8      1015.4      3      6      23.2
## 14456      48      22      1023.1      1019.5      1      4      22.3
## 14467      60      34      1022.3      1017.7      7      7      22.3
## 14468      62      28      1020.1      1013.9      5      4      24.0
## 14469      79      32      1019.0      1015.0      1      5      20.1
## 14470      72      49      1019.9      1016.4      6      7      19.4
## 14476      56      19      1013.4      1010.8      1      6      26.4
## 14477      74      55      1013.9      1010.9      7      8      24.2
## 14481      38      26      1013.3      1009.6      2      5      25.4
## 14482      64      38      1017.2      1013.0      7      6      20.2
## 14483      54      29      1015.6      1011.3      1      4      22.5
## 14484      55      30      1016.1      1013.9      2      6      23.9
## 14490      53      29      1018.8      1015.2      3      4      21.5
## 14491      57      20      1019.1      1015.2      0      1      22.9
## 14495      54      27      1014.4      1010.2      1      5      25.8
## 14496      53      14      1012.4      1009.4      1      1      27.0
## 14497      21      10      1014.6      1011.0      0      1      25.9
## 14498      59      20      1014.0      1009.1      0      2      26.6
## 14503      22      10      1011.5      1008.5      0      1      28.3
## 14504      53      28      1012.7      1008.7      7      6      28.8
## 14505      82      47      1015.1      1012.9      7      7      22.2
## 14509      52      22      1018.6      1014.2      1      2      23.7
## 14510      50      15      1019.1      1015.0      1      5      24.6
## 14511      51      20      1019.1      1014.7      5      6      26.0
## 14512      70      34      1017.7      1014.7      7      6      23.7
## 14517      48      23      1017.0      1012.4      6      5      24.0
## 14518      46      20      1014.1      1009.4      2      6      26.9
## 14519      81      36      1015.0      1011.2      7      3      21.1
## 14523      46      25      1017.3      1012.8      3      1      24.6
## 14524      59      27      1017.5      1013.3      1      6      25.2
## 14525      55      30      1016.3      1011.8      4      6      26.6
## 14526      57      48      1013.0      1008.9      3      6      25.5
## 14531      37      30      1016.9      1013.6      1      2      22.6
## 14532      41      21      1018.2      1014.5      0      1      21.2
## 14533      42      19      1017.1      1013.0      2      5      23.0
## 14537      92      91      1010.1      1010.3      8      8      18.9
## 14538      77      54      1012.4      1009.5      8      7      19.7
## 14539      78      71      1010.3      1006.6      7      7      23.2
## 14540      78      44      1008.6      1007.0      5      2      21.1
## 14545      59      29      1016.1      1012.0      1      1      25.8
## 14546      43      22      1014.4      1011.5      1      6      28.7
## 14547      37      23      1016.5      1013.6      1      3      30.5
## 14551      51      28      1020.6      1016.9      1      2      22.2
```

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## 14552    50    26    1018.6    1014.8    1    4    22.3
## 14553    54    22    1018.7    1014.2    1    2    23.7
## 14554    49    16    1016.1    1012.4    1    2    26.5
## 14559    56    33    1010.9    1006.4    4    7    26.5
## 14565    38    21    1008.1    1005.6    0    2    23.8
## 14566    42    20    1006.8    1003.7    3    1    24.5
## 14567    39    28    1004.8    1003.4    2    7    25.4
## 14568    82    85    1003.6    1001.6    8    8    24.5
## 14573    54    30    1015.7    1012.4    1    3    24.1
## 14574    47    25    1016.9    1013.3    0    1    24.7
## 14575    47    25    1014.9    1011.1    0    1    24.0
## 14579    62    20    1010.4    1006.1    0    1    24.1
## 14580    28    12    1009.6    1006.4    1    2    29.1
## 14581    37    13    1007.5    1005.0    1    4    29.9
## 14582    36    18    1008.5    1006.0    1    0    22.6
## 14587    49    22    1023.1    1018.2    0    1    25.1
## 14588    50    18    1019.9    1015.5    0    1    24.2
## 14589    56    23    1017.4    1013.3    0    1    24.2
## 14593    51    22    1015.1    1011.2    1    3    27.0
## 14594    49    19    1016.8    1013.1    1    3    26.3
## 14595    49    25    1018.5    1015.2    1    5    24.9
## 14596    52    26    1020.3    1016.3    3    3    24.9
## 14601    57    29    1020.4    1016.4    1    6    24.9
## 14602    54    22    1020.8    1016.6    2    4    24.6
## 14603    58    30    1021.3    1016.7    1    4    24.9
## 14607    50    23    1018.6    1014.1    1    5    24.9
## 14608    64    31    1016.4    1011.3    1    4    25.2
## 14617    58    23    1016.9    1014.5    1    4    21.5
## 14623    62    28    1017.6    1014.2    2    7    24.3
## 14624    75    62    1017.6    1014.9    7    6    19.7
## 14629    49    27    1020.1    1014.8    2    4    25.0
## 14635    60    64    1020.0    1016.3    1    7    25.6
## 14636    78    53    1019.5    1016.4    7    4    20.8
## 14637    74    19    1019.6    1016.0    1    1    20.4
## 14638    56    28    1023.5    1020.0    1    2    22.4
## 14643    54    37    1020.1    1015.7    7    6    21.0
## 14644    62    25    1020.5    1017.1    7    7    20.7
## 14645    57    23    1022.4    1018.4    1    2    22.2
## 14649    47    28    1024.6    1020.8    1    2    20.3
## 14650    45    29    1027.4    1023.2    1    2    21.0
## 14651    46    30    1026.8    1022.1    1    3    22.6
## 21120    84    71    1014.5    1013.6    3    1    23.3
## 21121    79    77    1016.3    1015.5    2    5    25.0
## 21122    87    90    1014.6    1014.3    7    7    24.7
## 21123    92    95    1016.0    1015.3    8    8    22.1
## 21124    86    86    1015.3    1013.7    7    7    21.8
## 21125    84    79    1014.5    1012.7    5    3    21.4
## 21126    86    79    1014.1    1013.0    6    2    21.9
## 21127    82    82    1011.5    1009.4    6    6    22.5
## 21128    92    95    1003.9    1000.4    8    8    21.9
## 21129    77    64    1001.7    1001.2    7    6    19.8
## 21130    83    82    1006.4    1006.9    7    7    21.6
## 21131    78    78    1011.2    1010.5    5    5    21.6
## 21132    77    77    1011.4    1010.4    7    7    21.2
```

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## 21133          74          55          1013.2          1012.4          4          1          19.9
## 21134          64          69          1015.3          1015.0          1          2          21.4
## 21135          63          61          1016.9          1016.2          1          1          21.3
## 21136          65          62          1015.0          1013.4          1          7          21.0
## 21137          84          66          1014.6          1014.8          8          7          19.2
## 21138          58          60          1018.7          1018.0          2          1          21.1
## 21139          60          62          1021.7          1021.4          2          1          21.1
## 21140          60          68          1022.9          1021.8          1          1          21.8
## 21141          78          71          1022.6          1020.5          2          2          22.1
## 21142          76          72          1020.8          1018.5          7          7          22.7
## 21143          83          72          1018.3          1016.7          4          1          22.7
## 21144          74          75          1018.1          1018.3          3          5          23.5
## 21145          73          67          1018.4          1016.9          4          7          22.6
## 21146          68          65          1015.9          1015.0          3          2          21.5
## 21147          76          71          1016.4          1016.1          3          2          21.8
## 21148          70          66          1019.0          1018.4          2          3          22.2
## 21149          64          63          1019.5          1018.3          1          2          22.3
## 21150          74          70          1019.3          1017.6          4          6          22.0
## 21151          86          72          1015.7          1014.3          8          7          21.0
## 21152          79          75          1014.4          1013.1          8          5          21.9
## 21153          69          73          1013.6          1011.6          6          8          22.9
## 21154          81          84          1011.5          1009.9          7          7          22.3
## 21155          95          95          1008.7          1006.1          8          8          21.8
## 21156          92          96          1000.6           998.8          8          8          21.9
## 21157          98          90          1003.1          1005.4          8          7          23.0
## 21158          87          80          1012.1          1012.6          4          4          24.7
## 21159          90          94          1014.2          1012.5          7          8          24.8
## 21160          85          80          1013.6          1012.3          3          5          24.3
## 21161          87          86          1012.9          1010.9          7          7          23.6
## 21162          87          87          1008.8          1008.3          4          4          25.2
## 21163          80          74          1014.5          1015.2          7          4          23.1
## 21164          63          61          1017.2          1016.3          7          6          21.6
## 21165          69          74          1014.5          1012.4          7          7          22.8
## 21166          96          79          1011.5          1010.8          8          3          23.5
## 21167          87          83          1014.8          1014.3          6          5          25.2
## 21168          90          85          1017.6          1015.9          7          8          25.3
## 21169          86          79          1015.9          1013.9          7          7          25.8
## 21170          91          88          1013.6          1011.8          8          7          25.0
## 21172          76          72          1013.5          1012.9          3          5          23.8
## 21173          81          70          1014.4          1014.7          7          6          22.4
## 21174          67          58          1018.0          1017.2          2          2          22.9
## 21175          52          55          1018.5          1016.7          1          1          23.7
## 21176          84          84          1014.0          1010.4          7          8          22.8
## 21178          76          66          1008.9          1009.0          2          2          21.8
## 21179          67          61          1013.3          1012.6          1          2          23.4
## 21180          79          69          1016.6          1015.7          7          7          22.3
## 21181          68          71          1018.9          1017.7          6          6          23.6
## 21182          73          73          1016.2          1012.2          8          8          22.6
## 21183          82          66          1008.6          1009.3          2          1          23.5
## 21184          77          70          1012.6          1011.6          1          1          24.0
## 21185          83          74          1013.4          1011.7          2          5          23.4
## 21186          66          58          1014.9          1014.4          1          1          23.0
## 21187          59          60          1017.7          1016.2          1          1          22.6
## 21188          63          60          1018.8          1017.2          2          1          22.2
```

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## 21189          69          58          1018.6          1016.8          7          7          21.2
## 21190          60          61          1019.2          1018.3          2          6          22.2
## 21191          67          63          1019.2          1017.7          5          3          21.2
## 21192          75          70          1018.1          1016.2          8          8          20.8
## 21193          73          59          1016.9          1015.0          5          1          21.2
## 21194          73          74          1015.5          1014.2          2          3          24.4
## 21195          79          76          1014.6          1013.3          2          3          24.0
## 21196          81          75          1015.7          1014.2          6          3          23.1
## 21197          79          71          1016.1          1014.2          3          5          22.9
## 21198          83          92          1015.3          1014.2          7          8          22.8
## 21199          75          69          1013.8          1011.1          7          7          21.9
## 21200          74          74          1009.5          1007.0          7          7          21.2
## 21201          70          61          1011.6          1011.7          7          3          21.2
## 21202          63          63          1016.4          1015.0          7          7          21.5
## 21203          77          92          1018.4          1017.6          8          8          21.3
## 21204          78          70          1018.9          1016.7          4          3          21.6
## 21205          64          87          1016.2          1014.0          2          3          22.1
## 21206          82          77          1015.5          1014.6          7          7          22.1
## 21207          81          74          1017.5          1016.0          6          6          23.0
## 21208          81          76          1017.8          1015.2          7          7          23.1
## 21209          60          66          1017.2          1015.8          2          4          23.5
## 21210          75          70          1018.2          1017.6          5          5          22.4
## 21211          59          85          1021.8          1021.4          1          7          23.3
## 21212          65          53          1024.4          1022.4          4          2          22.3
## 21213          57          75          1022.8          1020.5          3          7          22.9
## 21214          57          55          1020.8          1018.0          4          3          22.9
## 21215          65          62          1019.1          1016.6          2          2          22.9
## 21216          68          63          1018.2          1016.3          5          6          22.3
## 21217          94          64          1016.7          1014.9          8          7          18.5
## 21218          77          63          1018.7          1018.2          4          6          19.5
## 21219          75          52          1024.4          1023.2          4          3          19.5
## 21220          52          49          1028.4          1026.3          7          3          20.2
## 21221          52          62          1027.3          1024.9          7          7          20.9
## 21222          78          75          1025.9          1023.1          7          7          21.6
## 21223          64          61          1024.9          1022.7          6          2          22.1
## 21224          76          70          1021.0          1017.9          7          8          22.0
## 21225          65          78          1014.6          1011.1          8          8          21.9
## 21226          82          91          1009.8          1007.9          7          7          20.6
## 21227          93          92          1008.0          1005.9          8          8          21.0
## 21228          89          75          1003.4          1001.7          7          5          20.5
## 21229          76          79          1005.4          1004.6          1          5          22.0
## 21230          89          83          1010.7          1009.1          6          7          21.0
## 21231          79          63          1011.5          1008.2          5          7          22.3
## 21232          78          73          1006.2          1005.9          1          1          22.7
## 21233          75          60          1011.6          1011.1          2          3          22.1
## 21234          59          54          1015.0          1014.0          1          1          21.6
## 21235          66          54          1018.2          1016.3          1          1          21.5
## 21236          60          58          1019.3          1017.4          1          1          20.9
## 21238          82          79          1018.2          1016.0          1          6          20.7
## 21239          67          65          1017.4          1015.0          6          5          20.6
## 21240          84          70          1014.7          1011.9          8          3          20.0
## 21241          68          55          1017.2          1016.2          5          2          18.3
## 21242          54          49          1019.7          1017.5          1          1          18.6
## 21243          58          55          1019.2          1018.2          2          3          17.9
```

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## 21244    60    54    1021.1    1018.8    5    2    18.3
## 21245    64    68    1020.2    1017.9    6    5    19.2
## 21246    70    58    1020.2    1017.9    4    4    17.6
## 21247    59    60    1014.8    1010.4    4    6    19.4
## 21248    48    64    1012.6    1010.6    5    2    18.5
## 21249    68    70    1008.1    1006.4    2    6    19.1
## 21250    62    60    1010.2    1008.4    5    5    16.8
## 21251    58    55    1012.9    1011.1    2    3    17.9
## 21252    72    59    1013.5    1012.4    1    4    18.1
## 21253    61    57    1015.7    1014.3    2    7    18.8
## 21254    71    62    1018.3    1016.5    7    1    19.7
## 21255    72    70    1018.2    1015.0    4    5    19.7
## 21256    86    78    1014.6    1012.6    2    6    19.9
## 21257    71    57    1015.6    1014.1    6    7    18.5
## 21258    54    55    1018.4    1016.6    6    7    17.1
## 21259    55    71    1019.6    1017.6    6    2    17.0
## 21260    56    51    1021.8    1020.3    7    7    17.6
## 21261    65    65    1022.2    1019.8    8    8    17.5
## 21262    67    66    1018.0    1014.3    8    8    17.5
## 21263    63    57    1012.5    1011.5    7    6    17.2
## 21264    62    56    1013.5    1011.4    2    1    16.6
## 21265    66    59    1012.5    1012.1    3    5    16.8
## 21266    69    72    1016.1    1015.3    4    3    17.9
## 21267    68    59    1019.8    1018.1    4    2    18.5
## 21269    90    67    1016.8    1013.9    5    2    17.0
## 21270    54    70    1016.0    1016.7    2    4    17.7
## 21271    56    61    1023.2    1023.1    2    7    16.8
## 21272    87    72    1028.8    1026.8    6    7    13.9
## 21273    64    76    1028.5    1025.3    6    6    17.6
## 21274    64    65    1025.3    1021.3    5    3    17.7
## 21275    66    65    1021.0    1018.6    4    5    17.7
## 21276    72    90    1017.3    1012.6    7    8    17.5
## 21277    89    87    1013.3    1009.9    7    6    18.9
## 21278    73    71    1012.1    1012.1    1    5    19.0
## 21280    87    75    1016.7    1015.4    7    7    19.7
## 21281    80    73    1017.6    1015.2    7    6    19.3
## 21282    68    60    1015.5    1012.6    3    3    18.1
## 21283    54    62    1015.6    1015.2    3    6    17.9
## 21285    59    50    1017.9    1015.0    2    1    17.2
## 21286    69    75    1015.1    1013.1    3    7    18.5
## 21287    80    79    1017.5    1016.1    3    6    17.2
## 21288    59    60    1022.3    1021.1    6    6    16.1
## 21289    64    59    1025.5    1023.1    6    2    15.4
## 21290    47    50    1025.8    1023.1    7    7    16.2
## 21291    57    50    1026.1    1023.9    7    1    16.0
## 21292    71    55    1026.6    1025.1    6    3    14.8
## 21293    51    54    1027.6    1025.4    2    2    16.3
## 21294    59    59    1026.1    1023.3    8    7    16.1
## 21295    58    73    1023.2    1020.2    8    7    18.0
## 21296    88    93    1018.1    1015.1    8    8    19.0
## 21297    91    90    1012.8    1008.2    8    8    18.6
## 21298    62    70     999.2     996.1    7    6    19.3
## 21299    77    95    1003.4    1004.8    5    6    17.3
## 21300    76    65    1014.5    1013.3    4    7    16.5
```

```
## 21302     69     68     1015.3     1011.1     5     2     17.5
## 21303     86     68     1004.9     1002.2     8     4     18.5
## 21304     89     59     1002.5     1001.6     7     4     15.5
## 21305     81     63     1009.5     1008.3     4     5     16.1
## 21306     65     58     1015.7     1016.3     2     3     17.5
## 21307     68     68     1021.1     1020.1     7     7     18.2
## 21309     90     85     1019.3     1017.4     8     8     15.4
## 21310     96     94     1012.8     1004.5     8     8     16.1
## 21311     95     96      980.5      979.0     8     8     17.4
## 21312     74     68     1001.7     1004.8     7     7     15.7
## 21313     60     66     1014.3     1013.4     7     1     15.5
## 21314     53     54     1016.0     1013.8     7     4     16.8
## 21315     74     68     1015.3     1013.2     2     2     18.9
## 21316     81     90     1015.2     1012.4     8     8     14.7
## 21317     73     64     1008.6     1004.6     7     2     17.4
## 21318     62     55     1013.2     1014.3     3     2     15.9
## 21319     51     48     1022.7     1021.7     2     7     16.0
## 21320     62     50     1025.4     1023.5     3     3     15.7
## 21321     69     62     1027.5     1024.3     1     1     16.4
## 21322     60     48     1024.7     1022.2     7     1     16.0
## 21323     54     64     1021.4     1017.6     7     7     17.3
## 21324     83     84     1014.5     1013.7     7     8     18.4
## 21325     51     44     1018.9     1018.3     1     1     14.4
## 21326     53     55     1022.4     1020.8     1     6     15.4
## 21327     58     59     1021.3     1019.2     6     7     14.0
## 21328     78     86     1017.1     1015.3     1     7     17.2
## 21330     63     61     1022.4     1020.5     2     1     16.5
## 21331     75     58     1023.2     1020.8     2     2     15.1
## 21332     70     61     1022.0     1019.6     1     1     17.5
## 21333     75     66     1023.5     1022.0     1     3     17.0
## 21334     54     52     1024.0     1022.0     7     3     15.7
## 21335     67     57     1021.7     1019.5     6     3     16.7
## 21336     83     85     1022.5     1020.6     8     7     15.7
## 21337     87     95     1021.2     1019.3     8     8     17.4
## 21338     93     89     1019.1     1015.9     8     7     16.2
## 21339     82     80     1015.5     1013.2     7     7     17.4
## 21340     91     91     1010.8     1010.2     5     7     18.1
## 21341     79     67     1017.9     1017.2     7     2     15.9
## 21342     82     76     1021.5     1020.2     2     4     16.4
## 21343     76     66     1021.4     1018.3     1     1     16.9
## 21344     75     72     1017.2     1014.6     6     7     17.0
## 21345     72     71     1015.9     1013.2     6     4     17.4
## 21346     74     63     1012.7     1011.8     2     3     17.5
## 21347     70     57     1016.7     1015.6     2     2     16.7
## 21348     55     62     1019.3     1018.2     1     2     16.6
## 21349     63     67     1018.8     1014.6     6     7     17.6
## 21350     80     84     1010.0     1007.2     7     8     13.5
## 21351     63     59     1015.1     1013.4     3     4     15.7
## 21352     84     70     1017.6     1015.7     6     7     14.1
## 21353     86     69     1018.6     1016.8     7     7     14.7
## 21354     90     78     1014.7     1013.3     8     5     16.0
## 21355     60     62     1019.3     1017.7     2     2     16.0
## 21356     74     71     1020.2     1017.7     5     1     16.8
## 21357     85     83     1019.2     1018.5     5     7     18.4
```

```
## 21358    94    86    1023.1    1021.3    8    6    18.4
## 21359    89    89    1022.4    1019.1    6    7    18.2
## 21360    84    78    1018.5    1016.1    2    3    18.2
## 21361    89    87    1017.0    1014.1    4    7    18.1
## 21362    80    66    1016.5    1016.3    7    7    17.4
## 21363    90    79    1017.9    1015.2    7    7    16.8
## 21364    67    64    1021.0    1019.6    3    1    17.0
## 21365    60    60    1023.8    1022.6    2    1    16.7
## 21366    59    52    1025.5    1023.0    4    2    15.7
## 21367    62    65    1023.4    1020.2    7    7    16.3
## 21368    46    63    1023.8    1021.2    5    6    16.4
## 21369    62    60    1023.2    1021.7    7    7    16.2
## 21370    62    67    1024.0    1021.9    2    7    17.3
## 21371    80    82    1023.2    1020.9    6    6    18.0
## 21372    89    87    1021.8    1020.5    7    7    17.7
## 21373    96    95    1018.8    1013.6    8    8    17.0
## 21374    74    67    1015.2    1014.4    6    3    17.2
## 21375    85    92    1015.6    1014.3    7    8    17.2
## 21376    82    75    1019.5    1017.0    7    6    17.6
## 21377    75    64    1020.5    1017.9    7    6    17.3
## 21378    89    72    1020.8    1018.8    7    7    16.7
## 21379    62    68    1023.7    1021.7    8    7    16.8
## 21380    57    59    1024.6    1021.8    7    6    17.3
## 21381    57    58    1022.2    1018.9    8    7    16.6
## 21382    72    77    1017.6    1014.5    7    7    18.4
## 21383    82    76    1016.7    1014.7    6    2    18.3
## 21384    83    76    1018.2    1016.3    6    4    18.0
## 21385    82    81    1017.2    1014.1    1    5    18.4
## 21387    72    60    1014.1    1013.4    1    1    18.4
## 21388    63    63    1017.3    1014.8    1    1    18.5
## 21389    63    62    1014.1    1011.0    4    6    17.9
## 21390    81    62    1009.4    1007.6    7    2    18.2
## 21391    69    70    1010.3    1009.2    8    7    18.6
## 21392    64    78    1015.3    1014.2    1    7    18.4
## 21393    52    51    1019.5    1017.9    2    1    17.7
## 21394    59    55    1021.3    1017.9    4    1    18.2
## 21395    57    63    1019.1    1015.6    8    7    18.1
## 21396    83    93    1013.9    1011.3    4    8    20.0
## 21397    55    49    1016.9    1015.7    3    3    16.8
## 21398    46    51    1020.4    1018.9    7    7    16.5
## 21399    55    52    1022.1    1019.7    7    6    17.0
## 21400    65    76    1016.1    1011.1    3    8    18.6
## 21401    70    60    1007.2    1006.5    5    3    18.9
## 21402    52    55    1013.2    1012.9    3    5    16.0
## 21404    76    48    1018.0    1015.4    6    3    14.9
## 21405    62    59    1018.4    1016.2    2    1    17.5
## 21406    67    68    1018.1    1015.2    1    1    19.2
## 21407    81    79    1015.3    1014.2    6    1    19.2
## 21408    83    76    1017.5    1014.7    4    1    21.3
## 21409    89    92    1015.0    1013.2    7    8    20.0
## 21410    60    55    1017.0    1015.6    1    3    18.8
## 21411    56    56    1019.3    1018.2    2    6    16.7
## 21412    62    53    1021.2    1019.9    5    3    16.7
## 21413    59    60    1024.9    1023.8    2    3    18.2
```

```
## 21414        48        49        1025.0        1023.2        7        3        17.4
## 21415        59        55        1023.3        1021.0        5        1        17.6
## 21416        57        63        1021.8        1019.4        3        3        18.8
## 21417        60        59        1019.2        1017.3        1        3        18.6
## 21418        66        69        1019.3        1018.0        1        4        19.2
## 21419        63        58        1019.7        1018.9        3        7        18.6
## 21420        41        55        1020.3        1019.0        1        5        18.0
## 21421        71        69        1020.5        1018.8        7        3        17.0
## 21422        56        52        1021.3        1019.8        7        6        16.5
## 21423        50        54        1022.8        1021.3        5        1        17.1
## 21424        55        65        1022.6        1020.5        5        7        17.6
## 21425        58        55        1021.2        1018.7        3        2        18.2
## 21426        63        57        1018.9        1017.5        2        3        18.8
## 21427        71        64        1019.9        1019.1        1        3        19.0
## 21428        60        61        1021.2        1020.2        0        1        20.5
## 21429        72        68        1024.5        1024.2        2        5        20.0
## 21430        94        80        1027.4        1026.5        8        8        18.2
## 21431        59        61        1027.4        1025.1        8        7        16.3
## 21432        52        58        1023.1        1020.4        7        7        17.4
## 21433        45        56        1020.3        1018.3        6        3        18.0
## 21434        63        55        1019.7        1018.2        7        1        19.3
## 21435        64        70        1019.2        1016.8        2        7        20.1
## 21436        64        51        1018.1        1017.0        2        1        19.6
## 21437        58        59        1019.2        1017.8        1        3        19.4
## 21438        58        59        1016.7        1015.4        1        3        19.5
## 21439        68        60        1015.6        1013.7        1        1        20.3
## 21440        66        67        1014.1        1011.7        4        2        20.7
## 21441        86        78        1011.9        1010.7        7        2        21.7
## 21442        61        63        1016.2        1015.5        7        7        19.9
## 21443        62        61        1019.8        1018.4        7        7        18.6
## 21444        65        60        1020.9        1019.1        7        6        18.9
## 21445        62        61        1021.7        1021.3        5        5        20.3
## 21446        66        67        1022.8        1021.3        7        7        20.1
## 21447        75        71        1023.1        1022.2        7        7        19.7
## 21448        82        70        1021.1        1019.1        7        4        20.9
## 21449        66        60        1019.6        1018.1        1        0        21.0
## 21450        62        62        1018.6        1016.3        1        1        21.7
## 21451        66        63        1015.5        1013.8        4        2        21.2
## 21452        68        60        1015.5        1013.5        4        1        21.4
## 21453        79        95        1014.3        1012.1        6        8        22.8
## 21454        79        74        1014.5        1013.9        2        2        22.6
## 21455        88        90        1015.4        1015.3        7        7        23.2
## 21456        76        65        1015.2        1014.6        7        2        22.4
## 21457        70        54        1017.7        1017.1        5        1        21.4
## 21458        48        45        1019.8        1018.4        2        1        21.3
## 21459        53        54        1020.0        1018.7        7        2        21.6
## 21460        49        57        1020.4        1019.2        1        1        22.5
## 21461        62        57        1019.3        1017.8        1        4        23.2
## 21462        56        57        1018.5        1017.1        3        3        23.5
## 21463        67        58        1018.8        1017.1        3        3        23.4
## 21466        68        55        1016.2        1015.2        3        2        22.1
## 21467        85        68        1016.5        1015.3        7        5        20.5
## 21468        64        54        1016.7        1016.4        1        7        22.1
## 21469        44        42        1020.3        1020.2        1        3        20.7
```

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## 21470        53        54      1024.1    1023.2      7        2      20.0
## 21471        51        52      1023.5    1022.0      1        1      21.3
## 21472        58        42      1020.8    1018.9      1        1      21.8
## 21473        49        60      1018.1    1016.3      5        2      23.9
## 21474        71        74      1016.7    1016.4      7        7      23.0
## 21475        68        68      1018.7    1018.3      5        7      22.6
## 21476        68        63      1020.2    1019.4      7        1      22.3
## 21477        65        60      1020.3    1019.2      3        6      22.6
## 21478        74        67      1022.0    1020.2      6        4      23.2
## 21479        63        56      1023.0    1021.2      6        2      23.1
## 21480        67        66      1023.5    1021.7      7        7      22.4
## 21481        65        62      1022.2    1021.1      3        3      22.7
## 21482        62        66      1021.8    1020.4      3        3      23.4
## 21483        62        62      1020.6    1018.9      3        7      22.9
## 21484        82        76      1019.9    1019.6      7        8      21.9
## 21485        53        55      1021.5    1019.6      1        2      22.4
## 21486        77        73      1019.2    1017.6      6        4      22.5
## 21487        73        70      1016.9    1015.4      4        7      23.8
## 21488        70        65      1015.4    1015.0      2        7      23.5
## 21489        85        79      1017.8    1017.1      8        7      22.5
## 21490        82        68      1018.7    1017.6      7        6      21.2
## 21491        68        65      1017.2    1016.4      6        5      23.2
## 21492        60        59      1018.2    1017.0      2        4      23.1
## 21493        60        61      1019.2    1017.8      2        3      23.8
## 21494        66        62      1017.2    1014.7      6        1      21.9
## 21495        71        95      1011.9    1010.7      5        8      24.1
## 21496        51        45      1014.0    1013.2      2        2      21.9
## 21497        47        47      1017.0    1016.0      5        5      21.8
## 21498        62        57      1016.7    1014.5      6        2      21.1
## 21499        62        63      1014.0    1012.3      4        2      22.9
## 21500        62        54      1011.7    1010.9      5        4      21.7
## 21501        59        59      1011.8    1010.6      7        6      22.5
## 21502        61        70      1012.5    1011.1      6        6      23.0
## 21503        76        76      1012.3    1010.1      6        7      23.8
## 21504        85        62      1006.2    1006.3      1        1      24.0
## 21505        62        64      1009.6    1009.0      1        3      24.1
## 21506        64        60      1012.9    1012.2      6        6      23.3
## 21507        81        59      1013.2    1011.8      7        7      20.5
## 21508        51        49      1015.2    1014.6      1        5      21.9
## 21509        56        59      1016.5    1015.0      1        6      23.4
## 21510        62        66      1015.5    1014.2      3        7      24.0
## 21511        67        58      1015.0    1013.9      5        3      23.5
## 21512        66        58      1013.3    1011.8      4        2      23.8
## 21513        77        73      1012.5    1011.0      6        6      22.8
## 21514        79        67      1013.1    1012.4      7        7      22.7
## 21515        67        59      1013.3    1011.4      3        7      22.9
## 21516        64        56      1009.3    1007.8      3        2      22.7
## 21517        73        73      1008.8    1007.0      5        5      23.5
## 21518        85        76      1012.0    1012.1      6        7      23.6
## 21519        79        65      1017.1    1015.4      6        5      23.1
## 21520        73        65      1017.2    1016.1      7        4      23.6
## 21521        70        62      1019.7    1017.9      7        6      23.2
## 21522        79        71      1020.3    1019.1      7        7      23.0
## 21523        65        65      1020.7    1019.4      2        4      23.8
```

```
## 21524          70          63          1020.8          1019.1          5          6          23.8
## 21525          61          61          1019.4          1017.9          7          5          22.4
## 21526          67          65          1018.4          1017.4          4          3          22.6
## 21527          64          63          1018.6          1017.0          1          3          22.9
## 21528          72          61          1019.1          1017.2          2          1          23.1
## 21530          68          62          1018.0          1016.6          5          5          23.3
## 21531          62          52          1016.3          1014.1          7          1          23.1
## 21532          61          56          1012.9          1011.2          6          5          22.6
## 21533          70          78          1009.6          1007.9          7          7          23.6
## 21534          76          53          1014.1          1015.2          7          2          22.8
## 21535          65          52          1020.5          1019.3          7          3          21.9
## 21536          91          64          1022.1          1021.3          8          5          19.9
## 21538          65          60          1019.1          1016.6          7          6          23.8
## 21539          74          91          1015.9          1015.0          7          7          23.3
## 21540          83          72          1016.9          1016.8          6          5          23.5
## 21541          87          82          1020.5          1019.8          7          8          21.9
## 21542          64          62          1021.7          1020.1          3          2          23.4
## 21543          57          64          1019.9          1017.5          1          2          23.4
## 21544          70          71          1015.6          1013.0          4          6          23.8
## 21545          78          76          1010.6          1008.7          8          7          24.0
## 21546          68          70          1010.6          1009.7          4          6          23.8
## 21547          74          56          1012.9          1012.0          7          7          20.9
## 21548          61          50          1014.1          1012.4          7          2          22.3
## 21549          58          51          1014.2          1012.7          7          5          22.7
## 21550          71          65          1015.2          1014.0          5          3          22.3
## 21551          61          49          1017.6          1016.0          6          7          21.6
## 21552          53          54          1017.7          1016.6          3          2          22.3
## 21553          54          52          1018.6          1017.6          1          4          22.4
## 21554          59          54          1019.8          1019.1          5          3          23.5
## 21555          88          63          1021.4          1020.9          7          7          20.1
## 21556          58          53          1023.1          1022.2          7          2          21.1
## 21557          60          60          1022.8          1021.5          7          7          21.1
## 21558          80          55          1021.4          1018.8          5          6          19.4
## 21559          86          65          1018.0          1015.3          6          7          20.3
## 21560          62          57          1017.1          1016.4          1          3          21.7
## 21561          65          56          1021.7          1021.5          4          2          21.9
## 21562          58          52          1024.6          1023.6          7          3          22.6
## 21563          49          46          1025.5          1023.6          7          1          22.0
## 21564          48          47          1024.4          1021.5          6          3          21.8
## 21565          66          61          1020.5          1018.7          4          3          22.6
## 21566          72          65          1018.6          1017.0          7          7          22.3
## 21567          73          68          1017.8          1015.7          6          7          22.9
## 21568          68          62          1019.6          1018.9          2          1          23.2
## 21569          72          61          1022.9          1021.0          7          1          21.2
## 21570          74          56          1022.6          1020.7          7          7          21.8
## 21571          75          65          1021.7          1018.9          7          3          21.6
## 21572          77          62          1022.7          1021.0          7          7          21.7
## 21573          65          65          1022.9          1021.3          7          7          23.0
## 21574          68          64          1021.7          1020.0          2          4          22.7
## 21575          66          57          1021.6          1019.0          3          5          21.8
## 21576          71          66          1018.7          1015.8          6          6          22.2
## 21577          72          67          1014.7          1011.7          5          3          22.4
## 21578          70          59          1011.5          1009.0          2          1          22.0
## 21579          72          93          1010.4          1009.4          3          3          22.5
```

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## 21580        61      61      1015.4      1015.4      3      3      20.5
## 21581        65      52      1020.8      1019.6      6      7      20.7
## 21582        49      53      1021.5      1018.0      2      5      21.3
## 21583        58      64      1015.5      1012.1      5      7      21.7
## 21584        78      70      1013.2      1012.0      7      6      20.7
## 21585        73      68      1015.8      1014.6      3      6      21.4
## 21586        78      70      1017.2      1015.6      7      7      22.2
## 21587        83      78      1014.8      1012.1      7      7      22.2
## 21588        73      73      1015.1      1014.5      7      7      21.1
## 21589        70      63      1016.9      1015.1      7      2      21.2
## 21590        64      63      1020.7      1020.1      3      5      20.5
## 21591        64      66      1023.8      1022.3      2      6      20.9
## 21592        54      58      1023.7      1021.9      1      5      20.3
## 21593        65      54      1022.2      1019.8      3      3      21.5
## 21594        58      59      1021.8      1019.9      2      7      20.7
## 21595        74      67      1022.9      1021.3      7      4      20.2
## 21596        71      58      1024.0      1021.8      6      7      19.6
## 21597        67      72      1023.0      1020.1      7      7      20.1
## 21598        70      67      1021.6      1019.1      6      4      20.8
## 21599        57      71      1021.1      1018.6      6      7      20.9
## 21600        93      90      1018.6      1015.4      8      8      20.5
## 21601        75      67      1019.3      1018.9      1      2      21.6
## 21602        75      75      1022.7      1020.8      7      7      20.8
## 21603        85      76      1021.5      1018.9      7      6      20.9
## 21604        81      76      1020.8      1018.7      7      6      21.2
## 21605        71      78      1021.7      1020.5      3      7      21.4
## 21606        54      54      1025.6      1023.6      6      7      20.2
## 21607        77      61      1026.9      1024.4      7      7      17.0
## 21608        67      65      1026.1      1023.8      7      7      19.0
## 21609        64      57      1024.6      1022.1      1      1      20.2
## 21610        81      75      1021.3      1017.6      8      7      20.4
## 21611        74      93      1009.9      1004.5      8      7      21.3
## 21612        55      72      1006.5      1003.5      1      4      21.0
## 21613        82      77      1005.1      1003.8      5      6      19.8
## 21614        81      83      1007.7      1005.6      7      7      19.6
## 21615        89      79      1007.8      1006.4      7      7      20.2
## 21616        80      68      1009.7      1008.8      4      6      19.8
## 21617        67      81      1012.3      1010.2      3      4      21.1
## 21618        52      79      1011.7      1008.7      1      6      20.3
## 21619        90      56      1009.2      1006.9      6      1      16.3
## 21620        77      67      1009.2      1008.0      4      3      19.2
## 21621        66      67      1011.7      1009.9      1      3      19.1
## 21622        58      54      1014.3      1013.1      1      1      20.0
## 21623        71      80      1015.7      1011.9      7      7      19.0
## 21624        81      63      1014.5      1014.4      6      4      17.9
## 21625        63      65      1020.0      1018.5      6      6      20.0
## 21626        74      69      1020.6      1017.1      7      7      18.9
## 21628        74      69      1012.5      1011.1      4      6      18.9
## 21629        58      68      1013.6      1011.2      4      6      18.2
## 21630        81      74      1012.2      1009.3      7      8      16.9
## 21631        88      71      1006.3      1004.8      7      1      19.5
## 21632        84      66      1011.1      1012.4      2      2      18.9
## 21633        55      47      1020.1      1018.9      6      8      17.4
## 21634        66      79      1017.6      1014.7      5      8      18.3
```

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## 21635          91          85     1015.9     1013.6        7        6     20.2
## 21636          93          75     1015.7     1014.2        7        8     20.4
## 21637          76          66     1017.9     1017.0        3        7     19.9
## 21639          75          75     1021.1     1019.9        8        8     18.3
## 21640          97          82     1008.0     1006.1        8        1     19.7
## 21641          79          74     1005.9     1004.9        4        7     20.0
## 21642          66          67     1008.7     1007.0        7        2     18.4
## 21643          70          67     1014.3     1013.5        6        5     16.2
## 21644          73          67     1018.0     1015.8        2        7     16.0
## 21645          65          72     1014.5     1010.6        3        6     18.1
## 21646          61          56     1014.8     1015.2        4        6     17.8
## 21647          65          64     1016.9     1014.0        7        7     17.9
## 21648          68          53     1016.5     1017.3        5        2     17.7
## 21649          58          60     1024.2     1023.7        2        4     16.7
## 21650          66          61     1025.2     1023.1        2        3     16.4
## 21651          52          65     1026.5     1025.0        4        6     17.5
## 21652          64          78     1024.6     1021.7        7        8     17.2
## 21653          87          94     1019.1     1015.3        6        7     17.8
## 21654          97          84     1016.3     1015.5        8        7     18.1
## 21656          86          94     1026.5     1025.0        8        8     17.9
## 21657          96          93     1026.2     1023.5        8        8     15.3
##        Temp3pm RainToday RainTomorrow
## 6050      33.4        No           No
## 6051      27.0        No           No
## 6053      34.9        No           No
## 6054      35.6        No           No
## 6055      37.6        No           No
## 6056      34.3        No           No
## 6057      31.5        No           No
## 6058      32.8        No           No
## 6059      33.3        No           No
## 6060      33.6        No           No
## 6061      36.4        No           No
## 6062      37.0        No           No
## 6063      38.1        No           No
## 6064      37.8        No           No
## 6065      32.2        No           No
## 6066      30.3        No           No
## 6067      32.2        No           No
## 6068      34.1        No          Yes
## 6069      37.0       Yes           No
## 6070      29.7        No           No
## 6071      27.3        No          Yes
## 6072      33.4       Yes          Yes
## 6073      33.2       Yes           No
## 6074      35.0        No           No
## 6075      38.7        No           No
## 6076      36.4        No           No
## 6077      37.0        No           No
## 6078      38.4        No           No
## 6079      37.5        No           No
## 6080      36.9        No           No
## 6081      38.9        No           No
## 6082      38.5        No           No
```

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## 6083    38.7        No          Yes
## 6084    38.8        Yes          No
## 6085    43.0        No           No
## 6086    41.4        No           No
## 6087    40.0        No           No
## 6088    40.4        No           No
## 6089    35.4        No           No
## 6090    24.9        No           No
## 6091    24.1        No           No
## 6092    28.4        No           No
## 6093    22.4        No          Yes
## 6094    17.0        Yes         Yes
## 6095    22.7        Yes          No
## 6096    17.1        No          Yes
## 6097    20.6        Yes         Yes
## 6098    27.0        Yes          No
## 6099    30.0        No           No
## 6100    33.1        No           No
## 6101    30.3        No           No
## 6102    32.3        No           No
## 6103    34.0        No          Yes
## 6104    32.9        Yes          No
## 6105    31.7        No           No
## 6106    32.4        No           No
## 6107    32.3        No           No
## 6108    35.8        No           No
## 6109    30.4        No           No
## 6110    29.3        No           No
## 6111    37.5        No           No
## 6112    22.9        No           No
## 6113    22.5        No           No
## 6114    24.9        No           No
## 6115    27.8        No           No
## 6116    31.8        No           No
## 6117    31.3        No           No
## 6118    28.5        No           No
## 6119    30.2        No           No
## 6120    31.2        No          Yes
## 6121    28.8        Yes         Yes
## 6123    23.3        No           No
## 6124    23.2        No           No
## 6125    24.4        No           No
## 6126    27.7        No           No
## 6127    30.8        No           No
## 6128    32.7        No           No
## 6129    32.6        No           No
## 6130    32.8        No           No
## 6131    34.7        No           No
## 6132    35.6        No           No
## 6133    35.6        No           No
## 6134    36.3        No           No
## 6135    30.8        No           No
## 6136    29.8        No           No
## 6137    30.2        No           No
```

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## 6138    29.4        No          No
## 6140    28.8        No          No
## 6141    29.4        No          No
## 6142    30.9        No          No
## 6143    23.6        No          No
## 6144    24.0        No          No
## 6145    22.2        No          No
## 6146    24.6        No          No
## 6147    28.1        No          No
## 6148    26.7        No          Yes
## 6149    19.9        Yes         Yes
## 6150    24.0        Yes         Yes
## 6151    22.9        Yes         No
## 6152    22.1        No          No
## 6154    27.4        No          No
## 6155    28.8        No          No
## 6156    23.5        No          No
## 6157    23.1        No          No
## 6158    24.7        No          No
## 6159    23.5        No          No
## 6160    23.4        No          No
## 6161    23.7        No          No
## 6162    25.3        No          No
## 6163    23.9        No          No
## 6164    21.9        No          No
## 6165    16.5        No          No
## 6166    18.8        No          No
## 6167    18.6        No          No
## 6168    16.4        No          No
## 6170    19.1        No          No
## 6171    19.8        No          No
## 6172    21.9        No          No
## 6173    23.2        No          No
## 6174    22.6        No          No
## 6175    22.5        No          No
## 6176    22.6        No          No
## 6177    21.0        No          No
## 6178    21.5        No          No
## 6179    22.7        No          No
## 6180    23.1        No          No
## 6181    21.6        No          No
## 6182    19.7        No          No
## 6183    19.2        No          No
## 6184    20.2        No          No
## 6185    19.9        No          No
## 6186    18.5        No          No
## 6188    13.7        Yes         Yes
## 6189    13.2        Yes         Yes
## 6190    19.5        Yes         No
## 6191    20.4        No          No
## 6192    22.4        No          No
## 6193    22.6        No          No
## 6194    20.8        No          No
## 6195    19.9        No          Yes
```

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## 6196   16.1   Yes   No
## 6197   15.6   No    No
## 6198   15.3   No    No
## 6199   16.9   No    No
## 6200   14.8   No    Yes
## 6201   11.9   Yes   Yes
## 6202   13.6   Yes   Yes
## 6204   17.5   No    No
## 6205   16.6   No    No
## 6206   11.9   No    Yes
## 6207   13.8   Yes   No
## 6208   14.0   No    No
## 6209   12.9   No    No
## 6211   11.6   No    No
## 6212   12.1   No    No
## 6213   16.9   No    No
## 6214   17.7   No    No
## 6215   14.1   No    No
## 6216   16.6   No    No
## 6217   17.6   No    No
## 6218   17.2   No    No
## 6219   17.1   No    No
## 6220   18.4   No    No
## 6221   18.9   No    Yes
## 6222   20.1   Yes   No
## 6223   21.8   No    No
## 6224   16.4   No    No
## 6225   15.5   No    No
## 6226   11.6   No    Yes
## 6227   12.3   Yes   Yes
## 6228   15.0   Yes   No
## 6230   18.9   No    No
## 6231   16.7   No    No
## 6232   14.9   No    No
## 6233   12.6   No    No
## 6234   12.4   No    No
## 6235   14.0   No    No
## 6236   12.4   No    No
## 6237   14.5   No    No
## 6238   16.3   No    No
## 6239   16.9   No    No
## 6240   17.5   No    No
## 6241   17.9   No    No
## 6242   16.8   No    No
## 6243   14.0   No    No
## 6245    9.6   Yes   Yes
## 6247   12.9   No    No
## 6248   14.8   No    No
## 6249   17.4   No    No
## 6251   21.8   No    No
## 6252   14.8   No    Yes
## 6253   12.6   Yes   No
## 6254   14.8   No    No
## 6255   16.4   No    No
```

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## 6256    11.4        No          Yes
## 6257    11.1        Yes          No
## 6258    15.9        No           No
## 6259    14.6        No           No
## 6260    14.2        No           No
## 6261    16.3        No           No
## 6262    15.7        No           No
## 6263    17.4        No           No
## 6266    18.9        No           No
## 6267    20.1        No           No
## 6268    17.2        No           No
## 6269    15.6        No           No
## 6270    16.2        No           No
## 6271    20.1        No           No
## 6272    18.2        No           No
## 6273    18.7        No           No
## 6274    17.0        No           No
## 6275    20.1        No           No
## 6276    22.5        No           No
## 6277    26.5        No           No
## 6278    17.3        No           No
## 6279    18.4        No           No
## 6280    20.2        No           No
## 6281    21.9        No           No
## 6282    25.6        No           No
## 6283    18.0        No           No
## 6284    28.5        No           No
## 6285    21.9        No           No
## 6286    16.0        No           No
## 6287    18.1        No           No
## 6288    22.5        No           No
## 6289    23.0        No           No
## 6290    25.7        No           No
## 6291    14.7        No           No
## 6292    17.8        No           No
## 6293    20.4        No           No
## 6294    22.0        No           No
## 6297    18.2        Yes          No
## 6298    20.4        No           No
## 6299    19.1        No           No
## 6300    16.9        No           No
## 6301    18.1        No           No
## 6303    25.6        No           No
## 6304    29.1        No           No
## 6305    32.2        No           No
## 6306    23.8        No           No
## 6307    24.1        No           No
## 6308    27.8        No           No
## 6309    25.9        No          Yes
## 6310    22.4        Yes          No
## 6311    26.0        No           No
## 6312    26.5        No           No
## 6313    17.3        No           No
## 6314    26.9        No           No
```

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## 6315    17.7        No          No
## 6316    21.1        No          No
## 6317    26.8        No          No
## 6318    16.3        No          No
## 6319    15.6        No          No
## 6320    18.2        No          No
## 6321    21.2        No          No
## 6322    26.7        No          No
## 6323    33.8        No          No
## 6324    31.0        No          No
## 6325    17.2        No          No
## 6326    18.7        No          No
## 6327    21.9        No          No
## 6328    21.1        No          No
## 6329    17.1        No          No
## 6330    18.7        No          No
## 6331    21.1        No          No
## 6332    22.1        No          No
## 6333    25.7        No          No
## 6334    16.8        No          No
## 6335    22.4        No          No
## 6336    20.8        No          No
## 6337    19.7        No          No
## 6338    18.9        No          No
## 6339    20.3        No          No
## 6340    24.2        No          No
## 6341    27.3        No          No
## 6342    31.6        No          No
## 6343    34.5        No          No
## 6344    36.0        No          No
## 6345    33.2        No          No
## 6348    15.0        Yes         Yes
## 6349    22.2        Yes         No
## 6350    24.1        No          No
## 6351    30.4        No          No
## 6352    29.7        No          No
## 6353    32.2        No          No
## 6354    33.3        No          No
## 6355    36.3        No          No
## 6356    37.4        No          No
## 6357    26.5        No          No
## 6358    26.3        No          No
## 6359    30.3        No          No
## 6360    27.6        No          No
## 6361    30.9        No          No
## 6362    30.9        No          No
## 6363    32.9        No          No
## 6364    34.5        No          No
## 6365    39.1        No          No
## 6366    37.2        No          No
## 6367    35.2        No          No
## 6368    38.0        No          No
## 6369    39.2        No          No
## 6370    36.8        No          No
```

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## 6371    39.9      No        No
## 6372    43.4      No        No
## 6373    43.3      No        No
## 6374    37.5      No        No
## 6375    27.4      No        No
## 6376    14.8      No        Yes
## 6377    32.3      Yes       No
## 6378    34.8      No        No
## 6379    23.7      No        Yes
## 6380    30.6      Yes       No
## 6381    30.1      No        No
## 6382    24.5      No        No
## 6383    25.6      No        No
## 6384    26.8      No        No
## 6385    28.4      No        No
## 6386    31.5      No        No
## 6387    35.0      No        No
## 6388    30.7      No        No
## 6389    30.7      No        No
## 6390    36.2      No        No
## 6391    38.2      No        No
## 6392    28.4      No        No
## 6393    32.1      No        No
## 6395    29.7      No        No
## 6396    31.7      No        No
## 6397    34.5      No        No
## 6398    36.9      No        No
## 6399    40.8      No        No
## 6400    38.5      No        Yes
## 6401    19.9      Yes       No
## 6402    29.1      No        No
## 6403    33.2      No        No
## 6404    35.5      No        No
## 6405    36.7      No        No
## 6406    37.6      No        No
## 6407    38.7      No        Yes
## 6408    23.1      Yes       Yes
## 6409    24.4      Yes       Yes
## 6410    28.1      Yes       No
## 6411    29.7      No        No
## 6412    32.3      No        No
## 6413    30.8      No        No
## 6414    26.6      No        Yes
## 6415    23.8      Yes       Yes
## 6416    31.3      Yes       No
## 6417    28.1      No        No
## 6418    33.3      No        No
## 6419    21.6      No        Yes
## 6420    32.9      Yes       No
## 6421    34.9      No        No
## 6422    34.9      No        No
## 6423    34.8      No        No
## 6424    37.7      No        No
## 6425    41.4      No        No
```

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## 6426    39.5       No          No
## 6427    34.7       No          No
## 6428    32.8       No          No
## 6429    35.6       No          No
## 6430    37.5       No          No
## 6431    28.4       No          No
## 6432    22.8       No          No
## 6433    26.5       No          No
## 6434    32.9       No          No
## 6435    38.6       No          No
## 6436    39.6       No          No
## 6437    39.3       No          No
## 6438    36.6       No          No
## 6439    40.2       No          No
## 6440    40.4       No          No
## 6441    40.1       No          No
## 6442    32.4       No          No
## 6443    35.6       No          No
## 6444    35.6       No          No
## 6445    33.0       No          No
## 6446    31.8       No          No
## 6447    31.3       No          No
## 6448    22.2       No          Yes
## 6449    29.3       Yes         Yes
## 6450    24.4       Yes         No
## 6451    22.5       No          Yes
## 6453    25.9       No          Yes
## 6454    31.1       Yes         No
## 6456    33.1       No          No
## 6458    22.5       Yes         Yes
## 6459    24.5       Yes         No
## 6460    28.5       No          No
## 6461    29.0       No          No
## 6462    30.6       No          No
## 6463    29.6       No          No
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## 6465    31.1       No          No
## 6466    33.1       No          No
## 6467    33.4       No          No
## 6468    29.9       No          No
## 6470    32.5       No          No
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## 6472    31.3       No          No
## 6473    31.1       No          No
## 6474    25.9       No          No
## 6475    26.2       No          No
## 6476    29.4       No          Yes
## 6477    20.8       Yes         Yes
## 6478    26.3       Yes         Yes
## 6479    29.6       Yes         No
## 6480    27.0       No          No
## 6481    25.8       No          No
## 6482    24.7       No          No
## 6483    21.5       No          No
```

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## 6484    26.9       No           No
## 6485    26.7       No           No
## 6486    25.8       No           No
## 6487    26.2       No           No
## 6488    27.3       No           No
## 6489    30.3       No           No
## 6490    30.0       No           No
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## 6492    31.0       No           No
## 6493    33.7       No           No
## 6494    33.1       No           No
## 6495    28.8       No           No
## 6496    29.5       No           No
## 6497    30.7       No           No
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## 6499    33.8       No           No
## 6500    33.0       No           No
## 6502    29.9       No           Yes
## 6503    23.5       Yes          Yes
## 6504    26.7       Yes          No
## 6505    27.7       No           No
## 6506    27.9       No           No
## 6507    28.9       No           No
## 6508    28.1       No           No
## 6509    28.2       No           Yes
## 6510    18.3       Yes          Yes
## 6511    28.0       Yes          Yes
## 6512    24.7       Yes          No
## 6513    22.7       No           No
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## 6515    23.1       No           No
## 6518    22.6       No           No
## 6519    23.9       No           No
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## 6521    26.3       No           No
## 6522    27.2       No           No
## 6523    26.6       No           No
## 6524    27.0       No           No
## 6525    27.9       No           No
## 6526    28.8       No           No
## 6527    29.4       No           No
## 6528    29.3       No           Yes
## 6529    19.3       Yes          No
## 6530    19.8       No           No
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## 6533    21.7       No           No
## 6534    20.7       No           No
## 6535    23.8       No           No
## 6536    25.0       No           No
## 6537    26.8       No           No
## 6538    27.1       No           Yes
## 6539    16.9       Yes          No
## 6541    19.7       No           No
## 6542    21.7       No           No
```

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## 6543    23.4        No          No
## 6544    24.7        No          No
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## 6548    19.0        No          No
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## 6552    19.7        No          No
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## 6554    18.9        No          No
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## 6556    18.4        No          No
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## 6559    17.3        Yes         Yes
## 6560    15.8        Yes         No
## 6561    19.1        No          No
## 6562    17.6        No          Yes
## 6563    14.5        Yes         Yes
## 6565    14.5        Yes         No
## 6566    16.9        No          Yes
## 6567    16.0        Yes         No
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## 6569    18.7        No          No
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## 6571    13.4        No          No
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## 6577    14.1        No          No
## 6578    14.3        No          No
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## 6580    19.5        No          No
## 6581    18.8        No          Yes
## 6582    18.5        Yes         Yes
## 6584    17.1        No          No
## 6585    16.0        No          No
## 6586    16.3        No          No
## 6587    18.0        No          No
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## 6589    19.8        No          No
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## 6595    15.7        No          No
## 6596    15.4        No          No
## 6597     8.2        No          Yes
## 6598    11.2        Yes         No
## 6599    13.3        No          No
## 6600    14.0        No          No
## 6601    10.5        No          No
## 6602    13.0        No          No
## 6603    16.6        No          No
```

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## 6604    17.7      No          No
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## 6608    15.5      No          Yes
## 6609    14.4      Yes         No
## 6610    12.8      No          No
## 6611    13.4      No          No
## 6612    15.7      No          No
## 6613    16.9      No          No
## 6614    13.9      No          No
## 6615    12.6      No          No
## 6616    12.3      No          No
## 6617    14.0      No          No
## 6618    15.4      No          No
## 6619    16.0      No          No
## 9059    28.4      No          No
## 9060    24.4      No          Yes
## 9061    23.7      Yes         No
## 9062    24.8      No          No
## 9063    26.1      No          No
## 9064    27.3      No          No
## 9065    27.1      No          No
## 9066    26.4      No          Yes
## 9067    21.1      Yes         Yes
## 9068    23.3      Yes         No
## 9069    24.5      No          No
## 9070    26.0      No          No
## 9071    26.1      No          No
## 9072    26.1      No          No
## 9073    27.6      No          No
## 9074    26.5      No          Yes
## 9075    19.3      Yes         Yes
## 9076    21.7      Yes         No
## 9077    23.9      No          No
## 9078    26.4      No          No
## 9079    26.7      No          No
## 9080    26.1      No          No
## 9081    28.6      No          No
## 9082    28.0      No          No
## 9083    24.4      No          Yes
## 9084    26.1      Yes         Yes
## 9085    26.5      Yes         Yes
## 9086    26.8      Yes         No
## 9087    28.1      No          No
## 9088    28.0      No          No
## 9089    28.1      No          No
## 9090    27.2      No          Yes
## 9091    26.6      Yes         No
## 9092    25.8      No          No
## 9093    28.6      No          No
## 9094    28.5      No          No
## 9095    28.4      No          No
## 9096    28.7      No          No
```

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## 9097    27.3        No          No
## 9098    27.8        No          No
## 9099    27.9        No          No
## 9100    25.8        No          Yes
## 9102    20.1        Yes         Yes
## 9103    20.8        Yes         Yes
## 9104    23.3        Yes         Yes
## 9108    24.4        Yes         Yes
## 9109    25.2        Yes         No
## 9110    26.6        No          Yes
## 9111    26.2        Yes         No
## 9113    27.8        No          No
## 9114    25.4        No          Yes
## 9115    24.3        Yes         Yes
## 9116    25.2        Yes         No
## 9117    26.7        No          No
## 9118    27.3        No          No
## 9119    25.1        No          Yes
## 9120    26.8        Yes         No
## 9121    26.6        No          Yes
## 9122    23.4        Yes         No
## 9123    25.6        No          No
## 9124    27.0        No          No
## 9125    27.0        No          No
## 9126    23.6        No          Yes
## 9127    26.0        Yes         Yes
## 9128    20.9        Yes         Yes
## 9129    24.5        Yes         No
## 9130    26.4        No          No
## 9131    25.9        No          Yes
## 9132    27.2        Yes         No
## 9133    21.2        No          Yes
## 9134    23.9        Yes         No
## 9135    24.6        No          No
## 9136    25.1        No          No
## 9137    26.1        No          No
## 9138    23.9        No          No
## 9139    25.0        No          Yes
## 9140    25.1        Yes         No
## 9141    25.7        No          No
## 9142    25.9        No          No
## 9143    25.7        No          No
## 9144    20.7        No          Yes
## 9145    24.3        Yes         No
## 9146    23.7        No          Yes
## 9147    21.3        Yes         Yes
## 9150    24.4        Yes         Yes
## 9151    22.8        Yes         Yes
## 9152    24.2        Yes         Yes
## 9153    19.8        Yes         Yes
## 9154    24.1        Yes         Yes
## 9155    20.0        Yes         Yes
## 9156    23.1        Yes         Yes
## 9157    21.0        Yes         Yes
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## 9160    23.5      Yes            Yes
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## 9163    25.8      Yes            No
## 9164    24.6      No             No
## 9165    24.1      No             No
## 9166    22.0      No             Yes
## 9167    22.9      Yes            Yes
## 9168    16.4      Yes            Yes
## 9169    21.3      Yes            Yes
## 9170    20.4      Yes            Yes
## 9171    22.2      Yes            No
## 9172    23.2      No             No
## 9173    26.6      No             No
## 9174    27.1      No             No
## 9175    19.4      No             No
## 9176    23.6      No             No
## 9177    18.4      No             No
## 9178    20.7      No             No
## 9179    20.8      No             No
## 9180    20.9      No             No
## 9181    21.5      No             Yes
## 9182    21.3      Yes            Yes
## 9183    20.7      Yes            Yes
## 9184    18.2      Yes            Yes
## 9185    21.8      Yes            No
## 9186    21.2      No             No
## 9187    21.3      No             No
## 9188    19.4      No             Yes
## 9189    20.2      Yes            No
## 9192    21.1      No             No
## 9193    22.3      No             No
## 9194    21.5      No             No
## 9195    19.9      No             No
## 9196    17.6      No             Yes
## 9197    18.7      Yes            Yes
## 9198    20.3      Yes            Yes
## 9199    18.1      Yes            Yes
## 9201    20.3      Yes            Yes
## 9202    20.1      Yes            Yes
## 9203    17.7      Yes            No
## 9204    19.2      No             No
## 9205    20.0      No             No
## 9206    20.1      No             Yes
## 9207    18.6      Yes            No
## 9208    19.2      No             Yes
## 9209    18.4      Yes            No
## 9210    16.1      No             Yes
## 9211    18.2      Yes            Yes
## 9212    19.1      Yes            Yes
## 9214    20.5      No             No
## 9215    18.5      No             No
## 9222    18.3      No             No
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## 9225    18.6      Yes       No
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## 9227    15.6      Yes       Yes
## 9228    15.7      Yes       Yes
## 9230    19.2      Yes       Yes
## 9232    18.7      Yes       No
## 9233    20.6      No        No
## 9234    14.6      No        No
## 9235    17.1      No        No
## 9236    17.1      No        No
## 9237    18.4      No        No
## 9238    18.6      No        No
## 9240    23.5      No        No
## 9241    18.2      No        No
## 9242    18.1      No        No
## 9243    17.4      No        No
## 9244    17.2      No        No
## 9245    16.8      No        No
## 9246    16.0      No        Yes
## 9247    13.0      Yes       Yes
## 9248    15.2      Yes       Yes
## 9249    16.4      Yes       Yes
## 9250    17.0      Yes       No
## 9251    18.6      No        No
## 9252    20.9      No        No
## 9253    17.1      No        No
## 9254    14.8      No        No
## 9256    17.5      No        No
## 9257    17.0      No        No
## 9258    18.1      No        No
## 9259    20.2      No        No
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## 9261    20.0      No        No
## 9262    20.1      No        No
## 9263    17.2      No        Yes
## 9264    17.3      Yes       No
## 9265    16.3      No        No
## 9266    18.2      No        No
## 9267    17.0      No        No
## 9268    17.1      No        No
## 9269    17.7      No        No
## 9270    19.3      No        No
## 9272    17.4      No        No
## 9273    18.7      No        No
## 9274    19.0      No        No
## 9275    17.8      No        No
## 9276    18.4      No        No
## 9277    20.0      No        No
## 9278    17.2      No        No
## 9279    17.2      No        No
## 9281    20.4      No        No
## 9282    20.1      No        No
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## 9284    18.9        No          No
## 9285    19.8        No          No
## 9286    21.4        No          No
## 9287    28.1        No          No
## 9288    18.6        No          No
## 9289    19.1        No          No
## 9290    20.2        No          No
## 9291    21.7        No          No
## 9292    19.6        No          No
## 9293    23.4        No          No
## 9294    27.8        No          No
## 9295    24.3        No          No
## 9296    22.1        No          No
## 9297    21.6        No          No
## 9298    21.8        No          No
## 9299    25.5        No          No
## 9300    21.7        No          No
## 9301    17.7        No          No
## 9302    19.3        No          No
## 9303    20.8        No          No
## 9304    20.7        No          No
## 9305    19.5        No          Yes
## 9306    19.6        Yes         No
## 9307    20.1        No          No
## 9308    20.4        No          Yes
## 9309    21.2        Yes         No
## 9310    19.4        No          No
## 9311    20.3        No          No
## 9312    19.6        No          No
## 9313    22.4        No          No
## 9314    22.0        No          No
## 9315    24.2        No          No
## 9316    21.8        No          No
## 9317    22.6        No          No
## 9318    23.2        No          No
## 9319    24.6        No          No
## 9320    21.5        No          No
## 9321    23.4        No          No
## 9323    21.2        Yes         Yes
## 9324    23.0        Yes         No
## 9325    21.4        No          No
## 9326    22.0        No          No
## 9327    29.6        No          No
## 9328    21.9        No          No
## 9329    23.5        No          No
## 9330    20.8        No          No
## 9331    21.9        No          No
## 9332    24.5        No          No
## 9333    26.2        No          Yes
## 9334    21.2        Yes         Yes
## 9335    15.9        Yes         Yes
## 9337    19.9        Yes         No
## 9338    25.7        No          No
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## 9340    20.6        No              No
## 9341    19.1        No              Yes
## 9344    33.0        No              No
## 9345    28.2        No              No
## 9346    23.1        No              No
## 9350    22.0        Yes             No
## 9351    22.6        No              No
## 9354    23.2        No              No
## 9355    24.3        No              No
## 9356    23.4        No              Yes
## 9357    19.9        Yes             Yes
## 9361    23.1        No              No
## 9362    23.4        No              No
## 9363    23.3        No              No
## 9364    24.0        No              No
## 9365    25.7        No              No
## 9367    23.5        No              Yes
## 9374    23.8        No              No
## 9375    22.3        No              Yes
## 9376    23.4        Yes             No
## 9377    25.9        No              No
## 9378    26.4        No              No
## 9379    23.5        No              No
## 9380    23.0        No              No
## 9381    25.2        No              No
## 9382    26.7        No              No
## 9383    28.1        No              No
## 9384    27.3        No              No
## 9387    24.9        No              No
## 9388    26.1        No              No
## 9389    25.4        No              No
## 9390    28.4        No              Yes
## 9391    37.4        Yes             No
## 9392    24.5        No              No
## 9393    20.3        No              Yes
## 9394    21.9        Yes             Yes
## 9395    22.9        Yes             No
## 9396    27.3        No              No
## 9397    24.3        No              Yes
## 9398    25.4        Yes             No
## 9399    27.7        No              No
## 9400    30.0        No              No
## 9401    23.8        No              No
## 9402    25.7        No              Yes
## 9403    26.0        Yes             No
## 9404    25.5        No              No
## 9405    25.7        No              No
## 9406    27.2        No              Yes
## 9410    24.2        No              Yes
## 9411    22.7        Yes             No
## 9412    23.3        No              No
## 9413    24.9        No              No
## 9414    26.8        No              No
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## 9415   27.2      No         No
## 9416   27.7      No         No
## 9417   27.2      No         No
## 9418   25.6      No         Yes
## 9419   26.9      Yes        No
## 9420   24.5      No         Yes
## 9421   24.0      Yes        Yes
## 9422   21.1      Yes        Yes
## 9423   24.9      Yes        No
## 9424   26.4      No         No
## 9425   27.0      No         No
## 9426   24.5      No         Yes
## 9427   24.3      Yes        No
## 9429   26.7      No         No
## 9430   26.1      No         No
## 9431   27.2      No         No
## 9432   27.3      No         No
## 9433   28.1      No         No
## 9434   26.9      No         No
## 9435   27.0      No         No
## 9436   28.1      No         No
## 9437   27.1      No         No
## 9438   27.8      No         No
## 9439   26.0      No         No
## 9440   26.2      No         Yes
## 9441   26.0      Yes        No
## 9442   24.5      No         No
## 9443   27.5      No         No
## 9444   29.2      No         No
## 9445   28.2      No         No
## 9446   30.3      No         No
## 9447   26.7      No         No
## 9448   28.7      No         No
## 9449   30.3      No         No
## 9450   25.1      No         No
## 9451   25.3      No         Yes
## 9452   26.7      Yes        No
## 9453   27.7      No         Yes
## 9454   27.1      Yes        Yes
## 9455   26.9      Yes        Yes
## 9456   23.3      Yes        Yes
## 9458   26.5      Yes        Yes
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## 9462   27.1      No         Yes
## 9463   26.6      Yes        Yes
## 9464   26.6      Yes        No
## 9465   26.9      No         No
## 9466   28.0      No         No
## 9467   29.6      No         No
## 9468   27.9      No         No
## 9469   29.1      No         Yes
## 9470   25.1      Yes        No
## 9471   25.8      No         No
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## 9472    25.6       No        Yes
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## 9474    24.2      Yes        Yes
## 9475    27.5      Yes         No
## 9476    27.5       No         No
## 9477    29.8       No        Yes
## 9478    22.9      Yes        Yes
## 9479    24.2      Yes        Yes
## 9480    25.6      Yes        Yes
## 9481    25.8      Yes         No
## 9482    26.5       No         No
## 9483    21.9       No        Yes
## 9484    20.1      Yes        Yes
## 9485    21.4      Yes        Yes
## 9486    25.2      Yes        Yes
## 9487    25.4      Yes        Yes
## 9488    26.2      Yes         No
## 9489    26.2       No        Yes
## 9490    25.4      Yes         No
## 9491    26.1       No         No
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## 9493    21.7      Yes        Yes
## 9494    24.4      Yes        Yes
## 9495    24.4      Yes        Yes
## 9496    23.4      Yes         No
## 9497    24.2       No         No
## 9498    22.8       No        Yes
## 9499    22.9      Yes         No
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## 9501    26.5       No         No
## 9502    25.9       No         No
## 9503    27.3       No         No
## 9504    26.8       No         No
## 9505    26.5       No         No
## 9506    26.2       No         No
## 9507    26.6       No         No
## 9508    26.1       No         No
## 9509    26.8       No         No
## 9510    26.6       No         No
## 9511    26.2       No         No
## 9512    26.1       No         No
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## 9515    24.6       No         No
## 9516    24.9       No        Yes
## 9517    23.7      Yes         No
## 9518    23.4       No         No
## 9519    22.6       No         No
## 9520    24.7       No         No
## 9521    24.0       No         No
## 9522    23.7       No         No
## 9523    26.1       No         No
## 9525    23.9       No         No
## 9526    23.9       No         No
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## 9527    23.8        No          No
## 9528    23.8        No          No
## 9529    24.1        No          Yes
## 9530    22.7        Yes         Yes
## 9531    23.9        Yes         Yes
## 9532    22.7        Yes         Yes
## 9533    19.1        Yes         Yes
## 9534    22.9        Yes         No
## 9535    24.2        No          No
## 9536    24.7        No          No
## 9537    26.6        No          No
## 9538    23.9        No          Yes
## 9539    22.3        Yes         No
## 9540    22.0        No          No
## 9541    24.0        No          No
## 9542    24.1        No          No
## 9543    22.4        No          No
## 9544    23.3        No          No
## 9545    24.3        No          No
## 9546    24.2        No          Yes
## 9547    19.3        Yes         Yes
## 9548    23.7        Yes         No
## 9549    20.0        No          No
## 9550    21.5        No          No
## 9551    22.1        No          No
## 9552    22.8        No          No
## 9553    22.0        No          No
## 9554    19.2        No          No
## 9555    19.7        No          No
## 9556    20.4        No          No
## 9557    20.6        No          No
## 9558    21.6        No          No
## 9559    20.5        No          No
## 9560    18.1        No          Yes
## 9561    19.5        Yes         Yes
## 9562    21.1        Yes         No
## 9563    19.9        No          No
## 9564    18.8        No          Yes
## 9566    18.8        No          Yes
## 9567    19.1        Yes         No
## 9568    23.5        No          No
## 9569    21.3        No          Yes
## 9570    17.3        Yes         Yes
## 9571    19.4        Yes         Yes
## 9572    20.9        Yes         Yes
## 9573    18.8        Yes         No
## 9574    21.2        No          No
## 9575    21.2        No          Yes
## 9576    15.7        Yes         Yes
## 9577    14.5        Yes         Yes
## 9578    17.9        Yes         Yes
## 9579    20.6        Yes         No
## 9580    18.6        No          No
## 9581    18.5        No          No
```

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## 9582   18.2        No           No
## 9583   21.5        No           No
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## 9586   17.6        No           No
## 9587   16.3        No          Yes
## 9588   16.1       Yes          Yes
## 9589   14.6       Yes           No
## 9590   18.5        No           No
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## 9592   19.2        No           No
## 9593   17.3        No           No
## 9594   18.4        No           No
## 9595   18.9        No          Yes
## 9596   16.6       Yes          Yes
## 9597   18.1       Yes          Yes
## 9598   17.8       Yes           No
## 9599   20.1        No           No
## 9600   18.2        No          Yes
## 9601   17.6       Yes           No
## 9602   16.6        No           No
## 9603   15.7        No           No
## 9604   16.4        No           No
## 9605   14.1        No           No
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## 9610   15.7       Yes           No
## 9611   16.6        No          Yes
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## 9616   19.4        No           No
## 9617   19.8        No           No
## 9618   19.9        No           No
## 9619   19.3        No           No
## 9620   17.7        No           No
## 9621   17.2        No           No
## 9622   20.4        No           No
## 9623   14.4        No          Yes
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## 9625   15.9        No           No
## 9626   16.7        No           No
## 9627   17.3        No           No
## 9628   17.7        No          Yes
## 9629   17.0       Yes          Yes
## 9630   17.1       Yes          Yes
## 9631   16.0       Yes          Yes
## 9632   17.9       Yes          Yes
## 9633   20.2       Yes           No
## 9634   22.5        No           No
## 9635   20.0        No          Yes
```

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## 9638    18.1       No          No
## 9639    18.2       No          No
## 9640    19.4       No          No
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## 9642    17.4       No          No
## 9643    17.1       No          No
## 9644    20.2       No         Yes
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## 9646    20.0      Yes          No
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## 9648    18.7       No          No
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## 9651    19.7       No          No
## 9652    16.8       No          No
## 9655    19.5       No          No
## 9656    17.6       No          No
## 9657    16.5       No         Yes
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## 9660    18.4       No          No
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## 9662    21.1       No          No
## 9663    17.2       No          No
## 9664    19.2       No          No
## 9665    18.7       No          No
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## 9668    27.0       No          No
## 9669    18.5       No         Yes
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## 9674    18.5       No          No
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## 9677    19.7       No          No
## 9678    20.9       No          No
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## 9680    19.0       No          No
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## 9691    23.1       No          No
## 9692    21.8       No          No
## 9693    22.6       No          No
## 9694    23.2       No         Yes
## 9695    19.4      Yes          No
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## 9703    26.1        Yes         Yes
## 9705    19.0        Yes         Yes
## 9706    19.2        Yes         Yes
## 9707    17.6        Yes         Yes
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## 9709    21.3        No          No
## 9710    21.8        No          No
## 9711    22.2        No          Yes
## 9712    19.7        Yes         No
## 9713    17.9        No          No
## 9714    21.6        No          No
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## 9716    19.9        Yes         No
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## 9719    22.6        No          No
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## 9726    22.9        No          No
## 9727    23.1        No          No
## 9728    21.8        No          Yes
## 9729    21.8        Yes         No
## 9730    21.5        No          No
## 9731    20.2        No          Yes
## 9732    16.4        Yes         Yes
## 9734    22.2        Yes         No
## 9735    23.6        No          No
## 9736    23.4        No          No
## 9737    23.9        No          No
## 9738    20.6        No          Yes
## 9739    25.5        Yes         No
## 9740    24.0        No          No
## 9741    25.4        No          No
## 9742    25.4        No          No
## 9743    21.2        No          Yes
## 9744    20.2        Yes         Yes
## 9745    19.6        Yes         Yes
## 9746    19.8        Yes         Yes
## 9747    22.5        Yes         No
## 9748    22.3        No          No
## 9749    23.6        No          No
## 9750    24.0        No          Yes
## 9751    24.1        Yes         No
## 9752    23.9        No          No
## 9753    24.1        No          Yes
## 9754    24.8        Yes         No
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## 9755    23.6        No          No
## 9757    23.0        Yes         Yes
## 9760    23.6        Yes         No
## 9761    22.1        No          Yes
## 9762    20.0        Yes         Yes
## 9763    25.3        Yes         No
## 9764    25.6        No          Yes
## 9765    25.8        Yes         No
## 9766    26.0        No          No
## 9767    28.8        No          Yes
## 9768    22.6        Yes         Yes
## 9769    26.4        Yes         No
## 9770    24.8        No          Yes
## 9771    25.5        Yes         Yes
## 9772    26.1        Yes         No
## 9773    26.8        No          Yes
## 9774    23.8        Yes         No
## 9775    22.3        No          No
## 9776    19.7        No          Yes
## 9777    24.8        Yes         No
## 9778    24.6        No          No
## 9779    25.8        No          Yes
## 9780    22.4        Yes         Yes
## 9781    22.1        Yes         Yes
## 9782    23.3        Yes         Yes
## 9783    27.3        Yes         Yes
## 9784    24.6        Yes         Yes
## 9785    20.2        Yes         Yes
## 9786    25.1        Yes         No
## 9787    26.0        No          No
## 9788    26.1        No          No
## 9789    26.6        No          No
## 9790    27.4        No          No
## 9791    26.9        No          No
## 9792    26.4        No          No
## 9793    25.1        No          Yes
## 9795    26.1        Yes         Yes
## 9796    23.3        Yes         Yes
## 9798    23.7        Yes         Yes
## 9799    25.7        Yes         Yes
## 9800    23.3        Yes         Yes
## 9801    26.4        Yes         Yes
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## 9803    26.0        No          No
## 9804    26.3        No          No
## 9805    26.5        No          No
## 9806    25.9        No          No
## 9807    23.9        No          Yes
## 9808    25.1        Yes         No
## 9809    26.3        No          No
## 9810    25.8        No          Yes
## 9811    25.8        Yes         No
## 9812    26.9        No          No
## 9813    28.3        No          No
```

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## 9814    27.5        No          No
## 9815    27.1        No          No
## 9816    23.1        No          Yes
## 9817    25.7        Yes         Yes
## 9818    26.1        Yes         No
## 9819    27.8        No          No
## 9820    29.3        No          No
## 9821    29.4        No          No
## 9822    27.5        No          No
## 9823    29.7        No          No
## 9824    29.3        No          No
## 9825    29.3        No          Yes
## 9826    21.9        Yes         No
## 9827    21.7        No          No
## 9828    22.7        No          Yes
## 9831    28.2        No          No
## 9832    26.0        No          Yes
## 9833    20.4        Yes         Yes
## 9834    25.7        Yes         Yes
## 9835    24.8        Yes         No
## 9836    27.4        No          No
## 9837    27.8        No          No
## 9838    28.1        No          No
## 9839    31.2        No          Yes
## 9840    25.8        Yes         Yes
## 9841    21.9        Yes         Yes
## 9842    23.5        Yes         No
## 9843    24.9        No          No
## 9844    25.9        No          No
## 9845    27.1        No          No
## 9846    28.8        No          No
## 9847    27.7        No          Yes
## 9848    30.5        Yes         Yes
## 9849    24.7        Yes         Yes
## 9850    24.7        Yes         Yes
## 9851    25.3        Yes         Yes
## 9852    21.1        Yes         Yes
## 9853    21.6        Yes         Yes
## 9854    23.8        Yes         Yes
## 9855    24.2        Yes         No
## 9856    25.5        No          No
## 9857    27.0        No          No
## 9858    26.2        No          No
## 9859    23.6        No          No
## 9860    26.7        No          No
## 9861    26.2        No          No
## 9863    26.8        No          No
## 9865    25.2        Yes         No
## 9866    22.7        No          Yes
## 9867    22.9        Yes         Yes
## 9868    25.9        Yes         No
## 9870    26.9        Yes         No
## 9873    25.8        No          No
## 9874    22.5        No          Yes
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## 9882    21.6    Yes     No
## 9883    19.8     No     No
## 9884    20.4     No     No
## 9885    20.6     No     No
## 9886    21.9     No     No
## 9887    19.5     No    Yes
## 9888    19.1    Yes     No
## 9889    19.2     No     No
## 9890    18.8     No     No
## 9891    19.7     No     No
## 9892    18.5     No     No
## 9893    19.1     No     No
## 9894    19.9     No     No
## 9895    19.7     No     No
## 9896    19.8     No    Yes
## 9897    21.0    Yes     No
## 9898    19.8     No    Yes
## 9899    21.5    Yes     No
## 9900    19.7     No     No
## 9901    17.9     No    Yes
## 9902    19.9    Yes     No
## 9903    16.6     No    Yes
## 9904    19.2    Yes     No
## 9905    19.4     No     No
## 9906    18.3     No     No
## 9907    19.0     No    Yes
## 9908    13.5    Yes    Yes
## 9909    17.4    Yes    Yes
## 9910    19.0    Yes    Yes
## 9911    17.1    Yes    Yes
## 9912    19.8    Yes     No
## 9913    20.0     No     No
## 9914    19.8     No     No
## 9915    18.9     No     No
## 9916    17.3     No     No
## 9920    15.1     No    Yes
## 9921    13.3    Yes    Yes
## 9924    17.3    Yes    Yes
## 9928    18.8     No     No
## 9929    17.4     No     No
## 9930    20.1     No     No
## 9931    17.1     No     No
## 9932    18.5     No     No
## 9933    18.4     No     No
## 9937    15.5     No    Yes
## 9938    17.5    Yes    Yes
## 9939    14.0    Yes    Yes
## 9941    18.1    Yes    Yes
## 9942    19.0    Yes     No
```

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## 9943    22.0      No        No
## 9944    20.3      No        No
## 9945    16.5      No        No
## 9946    19.2      No        No
## 9948    18.2      No        No
## 9949    17.2      No        No
## 9950    18.4      No        No
## 9951    17.1      No        No
## 9952    13.7      No        Yes
## 9953    15.2      Yes       No
## 9954    14.3      No        Yes
## 9955    13.3      Yes       Yes
## 9956    17.5      Yes       No
## 9957    18.2      No        No
## 9958    15.6      No        No
## 9959    20.4      No        No
## 9960    19.7      No        No
## 9962    15.8      No        No
## 9963    17.0      No        No
## 9964    17.0      No        No
## 9965    19.2      No        No
## 9966    17.7      No        No
## 9967    17.9      No        No
## 9968    18.4      No        No
## 9969    18.0      No        No
## 9970    19.0      No        No
## 9971    19.0      No        No
## 9972    19.7      No        No
## 9973    19.7      No        No
## 9974    19.6      No        No
## 9975    20.9      No        No
## 9976    20.4      No        No
## 9977    20.7      No        Yes
## 9978    17.7      Yes       No
## 9979    16.5      No        Yes
## 9980    16.9      Yes       Yes
## 9982    17.2      No        No
## 9984    16.3      No        Yes
## 9985    18.3      Yes       No
## 9986    15.3      No        Yes
## 9987    16.9      Yes       No
## 9988    16.5      No        No
## 9989    17.1      No        No
## 9990    15.3      No        Yes
## 9991    17.7      Yes       Yes
## 9992    16.7      Yes       Yes
## 9993    17.3      Yes       Yes
## 9994    18.9      Yes       No
## 9995    20.1      No        No
## 9996    20.9      No        No
## 9997    15.6      No        Yes
## 9998    20.0      Yes       No
## 9999    20.3      No        Yes
## 10000   19.4      Yes       Yes
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## 10003    19.3        Yes           No
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## 10005    19.9        No            No
## 10006    19.5        No            No
## 10007    20.3        No            No
## 10008    20.4        No            No
## 10009    19.6        No            No
## 10010    13.6        No            Yes
## 10011    18.5        Yes           No
## 10012    18.9        No            No
## 10013    16.1        No            No
## 10014    20.0        No            No
## 10015    21.5        No            No
## 10018    27.5        No            No
## 10019    31.5        No            No
## 10020    21.5        No            No
## 10021    26.4        No            No
## 10022    19.7        No            No
## 10023    21.7        No            No
## 10024    22.1        No            No
## 10025    21.0        No            Yes
## 10026    18.0        Yes           Yes
## 10027    18.3        Yes           Yes
## 10028    18.9        Yes           No
## 10029    20.6        No            Yes
## 10030    19.7        Yes           No
## 10031    20.7        No            No
## 10032    14.6        No            Yes
## 10033    13.0        Yes           Yes
## 10034    17.3        Yes           No
## 10035    19.4        No            No
## 10036    18.6        No            No
## 10037    19.0        No            No
## 10038    19.8        No            Yes
## 10039    16.9        Yes           Yes
## 10040    22.2        Yes           No
## 10041    20.6        No            No
## 10042    22.0        No            No
## 10043    22.1        No            Yes
## 10044    18.1        Yes           Yes
## 10045    20.2        Yes           Yes
## 10046    19.9        Yes           No
## 10047    23.5        No            Yes
## 10048    20.7        Yes           No
## 10049    20.0        No            No
## 10050    20.9        No            No
## 10051    22.1        No            No
## 10052    22.8        No            No
## 10053    22.9        No            No
## 10054    23.0        No            No
## 10055    23.5        No            No
## 10056    22.9        No            Yes
## 10057    16.8        Yes           Yes
## 10058    18.2        Yes           Yes
```

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## 10059    21.8        Yes            No
## 10060    23.2        No             No
## 10061    23.7        No             Yes
## 10062    21.7        Yes            No
## 10063    20.9        No             No
## 10064    24.0        No             No
## 10065    22.1        No             Yes
## 10066    21.2        Yes            No
## 10067    22.7        No             No
## 10068    24.4        No             No
## 10069    24.6        No             No
## 10070    25.5        No             No
## 10071    26.0        No             No
## 10072    25.6        No             No
## 10073    22.0        No             No
## 10074    21.7        No             No
## 10075    22.1        No             Yes
## 10076    25.7        Yes            No
## 10077    22.7        No             No
## 10078    27.2        No             No
## 10079    24.3        No             No
## 10080    26.7        No             No
## 10081    25.6        No             No
## 10082    26.4        No             No
## 10083    25.0        No             No
## 10085    20.1        No             Yes
## 10086    21.1        Yes            Yes
## 10087    21.8        Yes            Yes
## 10088    22.7        Yes            No
## 10089    33.3        No             No
## 10090    25.2        No             No
## 10091    25.6        No             No
## 10092    26.2        No             No
## 10093    16.2        No             Yes
## 10094    21.9        Yes            No
## 10095    21.0        No             No
## 10096    24.5        No             Yes
## 10097    18.1        Yes            No
## 10098    19.5        No             No
## 10099    17.9        No             Yes
## 10100    22.8        Yes            No
## 10101    22.8        No             No
## 10103    22.1        Yes            Yes
## 10105    23.3        Yes            No
## 10106    21.6        No             Yes
## 10107    21.0        Yes            No
## 10108    22.8        No             No
## 10109    23.1        No             No
## 10110    22.5        No             No
## 10111    24.2        No             No
## 10112    25.6        No             No
## 10113    25.1        No             Yes
## 10114    24.1        Yes            No
## 10115    25.9        No             Yes
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## 10116    25.4    Yes    Yes
## 10117    25.4    Yes     No
## 10118    25.6     No     No
## 10119    25.7     No     No
## 10120    25.1     No     No
## 10121    24.6     No     No
## 10122    24.9     No    Yes
## 10123    23.5    Yes    Yes
## 10124    24.1    Yes     No
## 10125    24.7     No     No
## 10126    25.3     No     No
## 10127    26.5     No     No
## 10128    24.8     No     No
## 10129    25.9     No     No
## 10130    24.7     No     No
## 10131    27.8     No    Yes
## 10132    28.1    Yes    Yes
## 10133    26.9    Yes     No
## 10134    29.5     No     No
## 10135    24.0     No     No
## 10136    24.3     No     No
## 10137    23.2     No     No
## 10138    20.3     No    Yes
## 10139    23.9    Yes    Yes
## 10140    21.6    Yes    Yes
## 10141    25.6    Yes     No
## 10142    27.2     No     No
## 10143    26.6     No     No
## 10144    25.9     No     No
## 10145    25.5     No    Yes
## 10146    22.5    Yes    Yes
## 10147    23.0    Yes    Yes
## 10148    22.1    Yes    Yes
## 10150    25.0    Yes    Yes
## 10151    24.0    Yes    Yes
## 10152    25.2    Yes    Yes
## 10153    24.8    Yes     No
## 10154    26.9     No    Yes
## 10156    25.7    Yes     No
## 10157    25.0     No     No
## 10158    25.6     No     No
## 10159    26.2     No     No
## 10160    27.2     No    Yes
## 10161    26.8    Yes    Yes
## 10162    25.1    Yes    Yes
## 10163    24.7    Yes     No
## 10164    24.2     No    Yes
## 10165    26.9    Yes    Yes
## 10166    25.4    Yes    Yes
## 10167    24.9    Yes     No
## 10168    25.2     No     No
## 10169    25.7     No     No
## 10170    24.9     No     No
## 10171    25.9     No     No
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## 10172   26.6      No       No
## 10173   25.9      No       No
## 10174   27.8      No       Yes
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## 10176   25.0      No       No
## 10177   25.7      No       No
## 10178   26.0      No       No
## 10179   26.1      No       No
## 10180   25.6      No       No
## 10181   27.1      No       No
## 10182   27.3      No       No
## 10183   28.5      No       No
## 10185   23.6      No       Yes
## 10186   21.0      Yes      Yes
## 10187   25.6      Yes      No
## 10188   27.2      No       Yes
## 10189   23.0      Yes      Yes
## 10190   22.7      Yes      No
## 10191   25.5      No       No
## 10192   26.0      No       No
## 10193   26.4      No       Yes
## 10194   25.0      Yes      No
## 10195   21.6      No       Yes
## 10197   24.6      Yes      Yes
## 10199   26.0      Yes      No
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## 10201   24.6      No       Yes
## 10202   22.4      Yes      Yes
## 10203   24.8      Yes      Yes
## 10204   23.2      Yes      Yes
## 10205   24.9      Yes      No
## 10206   27.3      No       No
## 10207   22.6      No       No
## 10208   23.2      No       Yes
## 10209   23.5      Yes      No
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## 10211   23.0      Yes      No
## 10212   24.0      No       No
## 10213   24.0      No       Yes
## 10214   23.5      Yes      No
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## 10216   23.3      No       No
## 10217   25.1      No       No
## 10218   24.7      No       No
## 10219   24.6      No       No
## 10220   24.2      No       No
## 10221   25.5      No       No
## 10222   25.5      No       No
## 10223   23.6      No       Yes
## 10224   19.9      Yes      No
## 10225   19.8      No       Yes
## 10226   19.8      Yes      No
## 10227   22.9      No       Yes
## 10228   22.2      Yes      Yes
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## 10229    22.7      Yes          No
## 10230    22.5       No         Yes
## 10231    19.4      Yes         Yes
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## 10234    23.9      Yes         Yes
## 10236    23.8       No          No
## 10237    25.3       No         Yes
## 10242    17.8      Yes         Yes
## 10243    21.5      Yes         Yes
## 10244    19.9      Yes         Yes
## 10245    20.4      Yes         Yes
## 10246    20.0      Yes          No
## 10247    21.4       No         Yes
## 10248    21.2      Yes          No
## 10249    21.9       No          No
## 10250    21.5       No          No
## 10251    20.5       No          No
## 10252    20.9       No          No
## 10253    22.9       No          No
## 10255    24.0       No          No
## 10256    22.5       No         Yes
## 10257    20.1      Yes          No
## 10258    18.4       No          No
## 10259    19.9       No          No
## 10260    19.6       No         Yes
## 10261    19.4      Yes          No
## 10262    20.7       No          No
## 10263    21.2       No          No
## 10264    20.7       No          No
## 10265    20.6       No          No
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## 10268    22.3       No          No
## 10269    19.1       No          No
## 10270    18.0       No          No
## 10271    18.4       No          No
## 10272    18.1       No          No
## 10273    17.2       No         Yes
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## 10277    18.5       No         Yes
## 10278    19.7      Yes         Yes
## 10279    21.1      Yes          No
## 10280    15.2       No          No
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## 10282    17.9       No          No
## 10283    17.8       No          No
## 10284    17.8       No          No
## 10285    14.1       No         Yes
## 10286    13.8      Yes         Yes
## 10287    16.1      Yes         Yes
## 10288    17.2      Yes         Yes
## 10289    18.8      Yes          No
## 10290    20.3       No          No
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## 10292   19.6        No          No
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## 10313   17.3        No          No
## 10314   17.9        No          Yes
## 10315   17.5        Yes         No
## 10316   21.9        No          Yes
## 10321   16.5        No          No
## 10323   16.8        Yes         Yes
## 10325   17.5        No          No
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## 10328   15.5        Yes         Yes
## 10329   17.1        Yes         No
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## 10342   22.1        No          No
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## 10351   21.2        No          No
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## 10364   18.5        No          No
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## 10370   18.9        No          No
## 10371   19.8        No          No
## 10372   21.3        No          No
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## 10399   19.7        No          No
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## 10405   19.2        No          No
## 10406   20.2        No          No
## 10407   23.5        No          Yes
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## 10412    21.3        Yes         No
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## 10419    20.8        No          No
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## 10425    21.6        No          Yes
## 10426    21.0        Yes         No
## 10427    21.0        No          No
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## 10434    23.5        No          No
## 10435    24.2        No          No
## 10436    23.9        No          Yes
## 10439    21.8        Yes         No
## 10440    21.8        No          No
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## 10442    23.5        No          Yes
## 10447    20.6        No          No
## 10448    23.4        No          No
## 10453    23.9        No          No
## 10454    26.2        No          No
## 10455    25.7        No          No
## 10456    24.8        No          No
## 10464    26.8        No          Yes
## 10465    26.4        Yes         No
## 10466    28.6        No          No
## 10467    29.9        No          Yes
## 10472    20.1        Yes         Yes
## 10473    22.2        Yes         No
## 10474    26.4        No          No
## 10478    21.6        Yes         Yes
## 10479    25.5        Yes         Yes
## 10480    28.0        Yes         No
## 10481    26.1        No          Yes
## 10488    25.6        No          No
## 10490    22.8        No          Yes
## 10492    24.6        Yes         Yes
## 10493    23.0        Yes         Yes
## 10494    25.4        Yes         No
## 10495    24.8        No          Yes
## 10500    26.0        No          Yes
## 10501    24.3        Yes         No
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## 10506    23.8        No          No
## 10507    21.1        No          Yes
## 10508    23.4        Yes         Yes
## 10509    23.2        Yes         Yes
## 10515    26.8        No          No
## 10516    24.1        No          No
## 10520    21.4        No          Yes
## 10521    21.0        Yes         No
## 10522    24.8        No          No
## 10523    25.3        No          Yes
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## 10528    22.9        No          Yes
## 10529    22.5        Yes         Yes
## 10530    21.3        Yes         Yes
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## 10537    21.9        Yes         No
## 10542    25.7        No          No
## 10543    24.3        No          No
## 10544    22.7        No          No
## 10548    24.8        No          No
## 10549    25.4        No          No
## 10550    24.2        No          No
## 10551    24.7        No          No
## 10556    20.7        No          Yes
## 10557    17.9        Yes         Yes
## 10558    19.9        Yes         No
## 10562    20.9        Yes         No
## 10563    21.7        No          No
## 10564    20.5        No          No
## 10565    18.9        No          No
## 10570    17.5        No          No
## 10571    21.4        No          No
## 10572    14.0        No          Yes
## 10576    20.6        No          No
## 10577    20.0        No          Yes
## 10578    19.9        Yes         No
## 10579    20.4        No          Yes
## 10584    18.0        Yes         No
## 10585    19.9        No          No
## 10586    19.3        No          No
## 10591    16.5        No          Yes
## 10598    18.2        No          No
## 10599    18.0        No          No
## 10600    17.1        No          No
## 10604    17.7        No          No
## 10605    16.2        No          No
## 10606    14.7        No          No
## 10607    16.1        No          Yes
## 10612    18.8        Yes         Yes
## 10613    17.5        Yes         No
## 10614    18.8        No          No
## 10618    16.3        No          No
## 10619    16.8        No          No
## 10620    16.2        No          Yes
## 10621    15.4        Yes         Yes
## 10626    18.2        No          No
## 10627    21.2        No          No
## 10628    20.1        No          No
## 10632    16.9        No          No
## 10633    16.7        No          No
## 10634    17.8        No          No
## 10635    18.0        No          No
## 10640    18.6        Yes         No
## 10646    19.3        No          No
## 10647    18.8        No          No
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## 10648    23.0      No        No
## 10649    23.5      No        No
## 10654    27.5      No        No
## 10655    21.1      No        No
## 10656    19.9      No        No
## 10660    19.7      Yes       No
## 10661    21.3      No        No
## 10662    18.0      No        No
## 10663    16.0      No        No
## 10668    21.9      No        No
## 10669    21.6      No        No
## 10670    22.0      No        No
## 10675    21.0      No        No
## 10676    20.5      No        No
## 10677    20.4      No        No
## 10682    22.9      No        No
## 10683    24.8      No        No
## 10684    22.8      No        No
## 10688    21.3      No        Yes
## 10689    17.8      Yes       Yes
## 10690    21.6      Yes       No
## 10691    23.4      No        No
## 10696    23.7      No        No
## 10697    22.0      No        No
## 10703    23.2      No        No
## 10704    23.2      No        No
## 10705    22.5      No        No
## 10710    22.7      No        No
## 10711    17.8      No        Yes
## 10712    22.5      Yes       No
## 10716    26.8      No        No
## 10717    21.5      No        No
## 10718    20.5      No        No
## 10719    23.5      No        No
## 10725    26.0      No        No
## 10726    25.7      No        No
## 10731    23.9      No        No
## 10732    25.2      No        Yes
## 10733    21.1      Yes       No
## 10739    22.0      No        No
## 10740    22.1      No        No
## 10745    23.7      Yes       Yes
## 10747    24.1      Yes       Yes
## 10753    24.5      Yes       No
## 10754    23.9      No        No
## 10759    23.9      No        Yes
## 10760    23.0      Yes       No
## 10761    22.9      No        No
## 10773    25.7      No        No
## 10774    27.5      No        No
## 10775    23.5      No        No
## 10781    24.5      No        No
## 10782    25.2      No        No
## 10787    26.5      No        No
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## 10788    22.2        No          No
## 10789    22.6        No          No
## 10795    25.4        No          No
## 10796    25.2        No          No
## 10801    27.7        No          No
## 10802    20.9        No          Yes
## 10803    22.0        Yes         Yes
## 10809    25.9        No          No
## 10810    26.7        No          No
## 10816    27.6        No          Yes
## 10829    25.6        No          No
## 10830    26.7        No          Yes
## 10831    20.0        Yes         Yes
## 10837    26.6        No          No
## 10838    26.8        No          Yes
## 10843    24.6        Yes         No
## 10844    26.6        No          No
## 10845    28.1        No          No
## 10850    25.3        No          Yes
## 10851    25.6        Yes         No
## 10852    26.1        No          No
## 10857    25.7        Yes         No
## 10858    25.0        No          No
## 10865    23.9        Yes         Yes
## 10866    25.6        Yes         No
## 10870    28.0        No          Yes
## 10871    24.8        Yes         No
## 10872    26.9        No          No
## 10879    23.8        Yes         Yes
## 10880    25.1        Yes         Yes
## 10884    25.6        No          Yes
## 10885    24.7        Yes         Yes
## 10886    24.7        Yes         No
## 10887    25.4        No          No
## 10893    23.9        No          No
## 10894    24.4        No          No
## 10898    24.3        No          No
## 10899    20.2        No          Yes
## 10900    23.0        Yes         No
## 10901    23.5        No          No
## 10906    24.0        No          No
## 10907    25.9        No          No
## 10908    24.3        No          No
## 10912    22.1        No          Yes
## 10914    22.6        Yes         No
## 10915    21.3        No          No
## 12068    37.4        No          No
## 12069    29.4        No          No
## 12070    32.7        No          No
## 12071    31.9        No          No
## 12072    32.9        No          No
## 12073    34.6        No          No
## 12074    32.5        No          No
## 12075    34.3        No          No
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## 12076    32.1        No          Yes
## 12078    30.3        Yes          No
## 12079    33.7        No           No
## 12080    34.3        No           No
## 12081    33.0        No           No
## 12082    33.2        No           No
## 12083    38.2        No           No
## 12084    34.2        No           No
## 12085    30.7        No           No
## 12086    30.7        No           No
## 12087    32.2        No           No
## 12088    31.3        No          Yes
## 12089    22.5        Yes         Yes
## 12090    31.2        Yes          No
## 12091    34.2        No           No
## 12092    32.7        No          Yes
## 12093    33.3        Yes          No
## 12094    31.1        No           No
## 12095    31.5        No           No
## 12096    32.4        No           No
## 12097    31.5        No           No
## 12098    32.9        No           No
## 12099    33.2        No           No
## 12100    31.4        No           No
## 12101    33.0        No           No
## 12102    32.8        No           No
## 12103    34.3        No           No
## 12104    35.1        No           No
## 12105    34.3        No           No
## 12106    34.0        No           No
## 12107    38.2        No           No
## 12108    36.9        No          Yes
## 12109    30.8        Yes          No
## 12110    32.1        No           No
## 12111    22.1        No          Yes
## 12112    19.8        Yes         Yes
## 12113    23.7        Yes          No
## 12114    27.0        No          Yes
## 12115    26.3        Yes          No
## 12116    29.1        No           No
## 12117    30.9        No           No
## 12118    30.1        No           No
## 12119    30.4        No           No
## 12120    31.0        No           No
## 12121    31.2        No           No
## 12122    30.9        No           No
## 12123    30.0        No           No
## 12124    31.3        No           No
## 12125    29.1        No           No
## 12126    31.5        No           No
## 12128    33.9        No           No
## 12129    34.2        No           No
## 12130    33.5        No           No
## 12131    25.3        No           No
```

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## 12132   26.5        No          No
## 12133   29.7        No          No
## 12134   31.9        No          No
## 12135   31.6        No          No
## 12136   30.9        No          No
## 12137   31.1        No          No
## 12138   28.2        No          No
## 12139   30.1        No          No
## 12140   29.7        No          Yes
## 12141   32.4        Yes         No
## 12142   28.0        No          No
## 12143   25.8        No          No
## 12144   30.6        No          No
## 12145   31.0        No          No
## 12146   31.5        No          No
## 12147   30.7        No          No
## 12148   29.7        No          No
## 12149   30.8        No          No
## 12150   32.1        No          No
## 12151   29.7        No          No
## 12152   31.2        No          No
## 12153   32.0        No          No
## 12154   29.0        No          No
## 12155   29.9        No          No
## 12156   29.5        No          No
## 12157   21.9        No          No
## 12158   29.5        No          No
## 12159   28.9        No          No
## 12160   31.5        No          No
## 12161   22.7        No          Yes
## 12162   29.2        Yes         No
## 12163   30.0        No          No
## 12164   27.9        No          No
## 12165   27.5        No          No
## 12166   28.0        No          No
## 12167   26.6        No          No
## 12168   24.2        No          No
## 12169   19.0        No          Yes
## 12170   21.2        Yes         Yes
## 12171   25.3        Yes         No
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## 12173   28.4        No          No
## 12174   28.8        No          No
## 12175   26.2        No          No
## 12176   25.8        No          No
## 12177   24.8        No          No
## 12178   25.8        No          No
## 12179   25.5        No          No
## 12180   25.5        No          No
## 12181   29.4        No          No
## 12182   24.8        No          No
## 12183   23.2        No          No
## 12184   20.0        No          No
## 12185   23.3        No          No
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## 12186    21.7        No          No
## 12187    18.7        No          No
## 12188    22.9        No          No
## 12189    23.0        No          No
## 12190    22.6        No          No
## 12191    24.3        No          No
## 12192    23.7        No          No
## 12193    24.0        No          No
## 12194    24.3        No          No
## 12195    24.2        No          No
## 12196    23.9        No          No
## 12197    24.1        No          No
## 12198    23.0        No          No
## 12200    21.6        No          No
## 12201    21.7        No          No
## 12204    16.7        No          No
## 12205    22.8        No          Yes
## 12206    15.6        Yes         Yes
## 12207    15.2        Yes         Yes
## 12208    15.4        Yes         Yes
## 12209    22.0        Yes         No
## 12210    24.2        No          No
## 12211    23.5        No          No
## 12212    21.8        No          No
## 12214    21.6        No          No
## 12215    22.9        No          Yes
## 12216    19.6        Yes         No
## 12217    19.6        No          No
## 12218    19.2        No          No
## 12219    17.7        No          No
## 12220    19.9        No          No
## 12221    20.7        No          Yes
## 12222    19.0        Yes         No
## 12224    19.8        No          No
## 12225    16.4        No          No
## 12226    17.7        No          No
## 12227    16.1        No          No
## 12228    13.3        No          No
## 12229    12.4        No          No
## 12230    16.9        No          No
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## 12232    20.2        No          No
## 12233    19.9        No          No
## 12234    18.5        No          No
## 12235    19.7        No          No
## 12236    20.2        No          No
## 12237    20.1        No          No
## 12238    20.2        No          No
## 12239    16.5        No          Yes
## 12240    21.3        Yes         No
## 12241    20.5        No          No
## 12242    19.4        No          No
## 12243    16.7        No          No
## 12245    16.4        Yes         No
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## 12248    19.3        No          No
## 12249    23.0        No          No
## 12250    17.3        No          No
## 12251    14.4        No          No
## 12252    12.9        No          No
## 12253    14.2        No          No
## 12254    15.7        No          No
## 12256    19.5        No          No
## 12257    18.3        No          No
## 12258    19.6        No          No
## 12259    19.5        No          No
## 12260    22.3        No          No
## 12261    18.7        No          Yes
## 12262    16.0        Yes         No
## 12263    12.1        No          Yes
## 12264    10.4        Yes         No
## 12265    14.7        No          No
## 12266    17.6        No          No
## 12267    17.1        No          No
## 12268    20.3        No          No
## 12269    22.8        No          No
## 12270    16.7        No          Yes
## 12271    17.4        Yes         No
## 12272    17.6        No          No
## 12273    18.8        No          No
## 12274    18.2        No          No
## 12275    16.1        No          No
## 12276    16.6        No          No
## 12277    17.0        No          No
## 12280    17.6        No          No
## 12281    19.6        No          No
## 12282    18.7        No          No
## 12283    18.9        No          No
## 12284    19.9        No          No
## 12285    21.2        No          No
## 12286    24.0        No          No
## 12287    18.3        No          No
## 12288    20.1        No          No
## 12289    19.8        No          No
## 12290    24.2        No          No
## 12291    24.5        No          No
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## 12294    21.6        No          No
## 12295    27.3        No          No
## 12296    21.7        No          No
## 12297    19.2        No          No
## 12298    21.6        No          No
## 12299    23.3        No          No
## 12300    29.3        No          No
## 12301    24.2        No          No
## 12302    32.9        No          No
## 12303    32.2        No          No
## 12304    23.5        No          No
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## 12306    23.3        No          No
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## 12309    12.6        Yes         Yes
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## 12312    23.9        No          No
## 12313    20.9        No          Yes
## 12314    18.4        Yes         Yes
## 12315    21.0        Yes         No
## 12316    22.3        No          No
## 12317    17.7        No          Yes
## 12318    19.7        Yes         No
## 12319    19.7        No          No
## 12320    20.9        No          No
## 12321    23.6        No          No
## 12322    26.3        No          No
## 12323    27.6        No          No
## 12324    28.6        No          No
## 12325    29.3        No          No
## 12326    30.0        No          No
## 12327    28.6        No          No
## 12328    28.2        No          No
## 12329    28.0        No          No
## 12330    29.3        No          No
## 12331    18.8        No          Yes
## 12332    25.5        Yes         No
## 12333    18.8        No          No
## 12334    23.1        No          No
## 12335    26.9        No          No
## 12336    19.9        No          No
## 12337    17.7        No          No
## 12338    19.5        No          No
## 12339    23.1        No          No
## 12340    26.4        No          No
## 12341    32.5        No          No
## 12342    24.2        No          No
## 12343    25.7        No          No
## 12345    24.3        No          No
## 12346    25.7        No          No
## 12347    20.9        No          No
## 12348    21.8        No          No
## 12349    23.2        No          No
## 12350    22.8        No          No
## 12351    20.4        No          No
## 12352    31.0        No          No
## 12353    27.9        No          No
## 12354    24.0        No          No
## 12355    26.4        No          No
## 12356    21.4        No          No
## 12357    23.4        No          No
## 12358    26.0        No          No
## 12359    27.1        No          No
## 12360    28.9        No          No
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## 12361    32.3       No         No
## 12362    33.7       No         No
## 12363    34.3       No         No
## 12364    33.3       No         No
## 12365    31.9       No         No
## 12366    17.7       No         Yes
## 12367    26.9       Yes        Yes
## 12368    28.0       Yes        No
## 12369    26.1       No         No
## 12370    28.2       No         No
## 12371    29.1       No         No
## 12372    30.7       No         No
## 12373    32.3       No         No
## 12374    35.6       No         No
## 12375    35.3       No         No
## 12376    30.9       No         No
## 12377    23.0       No         No
## 12378    23.3       No         Yes
## 12379    28.0       Yes        No
## 12380    32.1       No         Yes
## 12381    28.0       Yes        No
## 12382    30.0       No         No
## 12383    34.0       No         No
## 12384    34.4       No         No
## 12385    31.6       No         No
## 12386    35.5       No         No
## 12387    39.5       No         No
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## 12389    40.9       No         No
## 12390    37.9       No         No
## 12391    39.6       No         No
## 12392    40.3       No         No
## 12393    39.6       No         No
## 12394    36.9       No         No
## 12395    33.1       No         No
## 12396    33.8       No         No
## 12397    34.4       No         No
## 12398    35.1       No         No
## 12399    39.2       No         No
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## 12402    29.7       No         No
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## 12404    30.5       No         No
## 12405    34.1       No         No
## 12406    37.6       No         No
## 12407    36.5       No         No
## 12408    40.0       No         No
## 12409    41.1       No         No
## 12410    38.3       No         No
## 12412    32.3       No         No
## 12413    31.1       No         No
## 12414    35.3       No         No
## 12415    36.5       No         No
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## 12416    35.7         No            No
## 12417    34.4         No            No
## 12418    34.7         No            No
## 12419    35.1         No            No
## 12420    32.2         No            No
## 12421    29.4         No            No
## 12422    32.9         No            Yes
## 12423    24.8         Yes           Yes
## 12424    33.5         Yes           No
## 12425    34.7         No            No
## 12426    33.6         No            No
## 12427    31.2         No            Yes
## 12428    25.7         Yes           Yes
## 12429    30.6         Yes           Yes
## 12430    22.9         Yes           Yes
## 12431    22.2         Yes           Yes
## 12432    26.6         Yes           Yes
## 12433    23.9         Yes           Yes
## 12434    26.4         Yes           Yes
## 12436    31.6         No            No
## 12437    30.2         No            No
## 12438    32.2         No            No
## 12439    30.7         No            Yes
## 12441    31.3         No            No
## 12442    33.6         No            No
## 12443    34.8         No            No
## 12444    34.3         No            No
## 12445    36.0         No            Yes
## 12447    31.1         No            No
## 12448    32.9         No            No
## 12449    33.2         No            Yes
## 12450    26.1         Yes           No
## 12451    26.0         No            No
## 12452    30.2         No            No
## 12453    34.0         No            No
## 12454    37.5         No            No
## 12455    35.4         No            No
## 12456    36.1         No            No
## 12457    36.7         No            No
## 12458    37.1         No            No
## 12459    36.7         No            No
## 12463    32.8         No            Yes
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## 12465    31.2         No            No
## 12466    33.2         No            No
## 12467    29.2         No            No
## 12470    28.7         Yes           Yes
## 12471    30.3         Yes           No
## 12472    30.6         No            No
## 12473    31.9         No            No
## 12475    33.4         No            No
## 12477    32.5         No            Yes
## 12478    25.1         Yes           Yes
## 12479    31.3         Yes           No
```

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## 12480    31.7        No          No
## 12481    32.3        No          No
## 12482    32.7        No          No
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## 12485    34.0        No          No
## 12486    24.7        No          Yes
## 12490    31.8        No          No
## 12491    30.0        No          Yes
## 12492    22.5        Yes         Yes
## 12493    20.0        Yes         Yes
## 12494    28.7        Yes         No
## 12495    28.8        No          No
## 12496    22.7        No          Yes
## 12497    25.5        Yes         No
## 12498    26.4        No          No
## 12499    27.2        No          Yes
## 12500    28.7        Yes         No
## 12501    28.5        No          No
## 12502    30.1        No          No
## 12503    30.1        No          No
## 12504    28.5        No          No
## 12505    28.8        No          No
## 12506    29.2        No          No
## 12507    29.7        No          No
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## 12510    30.2        No          No
## 12511    31.7        No          No
## 12512    31.9        No          No
## 12513    33.9        No          No
## 12514    33.2        No          No
## 12515    32.3        No          No
## 12516    30.3        No          No
## 12517    29.7        No          No
## 12518    32.3        No          No
## 12519    30.6        No          No
## 12520    29.9        No          No
## 12521    20.3        No          Yes
## 12522    24.0        Yes         No
## 12523    27.7        No          No
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## 12527    27.1        No          No
## 12528    25.8        No          Yes
## 12529    20.4        Yes         Yes
## 12530    28.4        Yes         No
## 12531    27.9        No          No
## 12532    29.3        No          No
## 12533    29.6        No          No
## 12534    20.6        No          No
## 12535    25.3        No          No
## 12536    27.6        No          No
## 12537    26.4        No          No
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## 12538    28.1         No           No
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## 12544    29.1         No           No
## 12545    29.2         No           No
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## 12548    24.3         No           No
## 12549    23.7         No           No
## 12550    26.7         No           No
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## 12553    26.7         No           No
## 12554    25.8         No           No
## 12555    26.8         No           No
## 12556    24.0         No           No
## 12557    26.1         No           No
## 12558    20.6         No           No
## 12559    22.5         No           No
## 12560    24.8         No           No
## 12561    25.0         No           No
## 12562    25.4         No           No
## 12563    26.8         No           No
## 12564    18.7         No           No
## 12566    21.6         No           No
## 12567    23.1         No           No
## 12568    22.6         No           No
## 12569    15.2         No           No
## 12570    21.0         No           No
## 12571    22.4         No           No
## 12572    21.5         No           No
## 12573    21.5         No           No
## 12574    21.4         No           No
## 12575    22.1         No           No
## 12576    18.8         No           No
## 12577    23.1         No           Yes
## 12578    16.9         Yes          No
## 12579    21.0         No           No
## 12580    20.4         No           Yes
## 12581    18.0         Yes          Yes
## 12582    11.5         Yes          Yes
## 12583    14.0         Yes          Yes
## 12584    18.4         Yes          No
## 12585    15.8         No           Yes
## 12586    18.0         Yes          No
## 12587    18.4         No           No
## 12588    20.4         No           No
## 12589    13.6         No           No
## 12590    18.5         No           No
## 12591    19.8         No           No
## 12592    17.2         No           No
## 12593    13.3         No           No
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## 12594    13.9        No            No
## 12595    15.8        No            No
## 12596    18.0        No            No
## 12598    21.1        No            No
## 12599    20.9        No            No
## 12600    19.3        No           Yes
## 12602    15.7        No            No
## 12603    18.0        No            No
## 12604    19.4        No            No
## 12605    19.9        No            No
## 12606    21.1        No            No
## 12607    20.2        No            No
## 12608    20.4        No            No
## 12609    16.8        No           Yes
## 12610    12.7       Yes            No
## 12611    12.5        No            No
## 12612    12.9        No            No
## 12613    13.0        No            No
## 12614    13.6        No            No
## 12615    10.0        No           Yes
## 12616    10.6       Yes            No
## 12617    16.3        No            No
## 12618    19.0        No            No
## 12619    14.8        No            No
## 12620    10.8        No            No
## 12621    17.0        No            No
## 12622    20.2        No            No
## 12623    21.2        No            No
## 12624    19.4        No            No
## 12625    22.8        No            No
## 12626    21.9        No           Yes
## 12627    16.9       Yes            No
## 12628    14.8        No            No
## 12629    14.3        No            No
## 12630    17.9        No            No
## 12631    21.7        No            No
## 12632    14.4        No           Yes
## 12633    14.4       Yes            No
## 12634    15.3        No            No
## 12635    17.2        No            No
## 12636    17.6        No            No
## 12637    18.2        No            No
## 12638    19.8        No            No
## 12639    20.5        No            No
## 12640    21.4        No           Yes
## 12641    17.0       Yes           Yes
## 12642    17.3       Yes            No
## 12643    21.9        No           Yes
## 12644    17.0       Yes            No
## 12646    12.9        No            No
## 12647    16.6        No            No
## 12649    16.5        No            No
## 12650    14.6        No            No
## 12651    15.3        No            No
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## 12652    17.9       No          No
## 12653    21.3       No          Yes
## 12654    16.2       Yes         Yes
## 12655    14.3       Yes         No
## 12657    14.9       No          No
## 12658    18.3       No          No
## 12659    18.7       No          No
## 12660    17.9       No          No
## 12661    17.4       No          No
## 12662    23.7       No          No
## 12663    16.3       No          Yes
## 12664    15.8       Yes         No
## 12665    15.2       No          No
## 12666    15.7       No          Yes
## 12667    15.5       Yes         Yes
## 12668    14.1       Yes         No
## 12669    14.9       No          Yes
## 12670    16.5       Yes         No
## 12671    17.7       No          No
## 12672    15.1       No          No
## 12673    19.2       No          No
## 12674    19.8       No          No
## 12675    21.7       No          No
## 12676    24.8       No          No
## 12677    26.3       No          No
## 12678    26.4       No          Yes
## 12679    19.2       Yes         Yes
## 12680    18.5       Yes         No
## 12681    18.3       No          No
## 12682    18.4       No          No
## 12683    20.3       No          No
## 12684    18.9       No          Yes
## 12685    23.2       Yes         No
## 12687    21.2       No          No
## 12688    20.9       No          No
## 12689    26.1       No          No
## 12690    19.4       No          No
## 12691    16.7       No          No
## 12692    13.9       No          No
## 12693    16.6       No          No
## 12694    11.1       No          Yes
## 12695    18.5       Yes         No
## 12696    23.6       No          No
## 12697    23.0       No          No
## 12698    21.1       No          No
## 12700    25.4       No          No
## 12701    26.1       No          No
## 12702    20.4       No          Yes
## 12703    26.2       Yes         No
## 12704    20.1       No          No
## 12705    20.9       No          No
## 12706    21.2       No          No
## 12707    20.7       No          No
## 12708    17.7       No          Yes
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## 12709    26.1      Yes           Yes
## 12710    27.0      Yes           No
## 12711    26.9      No            No
## 12712    24.5      No            No
## 12713    17.8      No            Yes
## 12714    22.5      Yes           No
## 12715    22.9      No            No
## 12716    21.8      No            No
## 12717    26.8      No            No
## 12718    23.7      No            No
## 12719    20.6      No            Yes
## 12720    17.8      Yes           Yes
## 12721    14.6      Yes           No
## 12722    17.8      No            No
## 12723    22.0      No            No
## 12724    24.6      No            No
## 12725    26.1      No            No
## 12726    19.0      No            No
## 12727    24.6      No            Yes
## 12728    27.5      Yes           No
## 12729    17.6      No            Yes
## 12730    24.2      Yes           No
## 12731    26.5      No            No
## 12732    28.5      No            No
## 12733    29.4      No            No
## 12734    29.6      No            No
## 12735    27.8      No            No
## 12736    28.6      No            No
## 12737    15.8      No            Yes
## 12738    21.2      Yes           No
## 12739    23.9      No            No
## 12740    26.1      No            No
## 12741    15.4      No            Yes
## 12742    25.8      Yes           No
## 12743    28.6      No            Yes
## 12744    28.1      Yes           Yes
## 12745    28.1      Yes           No
## 12746    28.7      No            No
## 12748    29.7      No            No
## 12749    30.1      No            No
## 12750    29.5      No            No
## 12751    21.0      No            Yes
## 12752    26.8      Yes           No
## 12753    26.7      No            No
## 12754    18.0      No            Yes
## 12755    26.7      Yes           No
## 12756    26.0      No            No
## 12757    22.7      No            No
## 12758    26.3      No            No
## 12759    28.4      No            No
## 12760    27.7      No            No
## 12761    27.6      No            No
## 12762    27.9      No            No
## 12763    28.7      No            No
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## 12764    24.6       No          No
## 12765    19.4       No         Yes
## 12766    18.7      Yes         Yes
## 12767    25.2      Yes         Yes
## 12768    24.3      Yes          No
## 12769    24.2       No         Yes
## 12770    21.6      Yes         Yes
## 12771    27.7      Yes          No
## 12772    28.7       No         Yes
## 12773    29.8      Yes          No
## 12774    29.9       No          No
## 12775    30.9       No         Yes
## 12776    21.7      Yes         Yes
## 12777    24.6      Yes          No
## 12778    30.3       No          No
## 12779    31.5       No          No
## 12780    31.4       No          No
## 12781    33.3       No          No
## 12782    32.2       No         Yes
## 12783    25.9      Yes          No
## 12784    21.2       No          No
## 12785    21.5       No          No
## 12786    21.4       No          No
## 12787    27.6       No          No
## 12788    29.5       No          No
## 12789    24.4       No          No
## 12790    29.7       No          No
## 12793    31.8       No          No
## 12794    31.4       No          No
## 12795    32.8       No          No
## 12796    34.1       No          No
## 12797    35.0       No          No
## 12798    33.4       No          No
## 12799    26.3       No         Yes
## 12800    33.5      Yes         Yes
## 12801    31.2      Yes          No
## 12802    22.7       No         Yes
## 12803    28.5      Yes          No
## 12804    30.3       No          No
## 12805    31.4       No          No
## 12806    31.6       No          No
## 12807    27.1       No         Yes
## 12808    31.2      Yes          No
## 12809    32.1       No          No
## 12810    33.3       No          No
## 12814    35.7       No          No
## 12815    35.7       No          No
## 12816    35.5       No          No
## 12817    34.2       No          No
## 12818    31.0       No          No
## 12819    31.7       No          No
## 12820    31.8       No          No
## 12821    33.1       No          No
## 12822    38.3       No          No
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## 12823    39.3       No        No
## 12824    37.1       No        Yes
## 12825    38.8       Yes       Yes
## 12826    31.8       Yes       No
## 12827    32.2       No        No
## 12828    34.7       No        No
## 12829    35.4       No        No
## 12830    36.9       No        No
## 12831    35.4       No        No
## 12832    36.2       No        No
## 12833    35.6       No        No
## 12834    34.7       No        No
## 12835    24.2       No        Yes
## 12836    29.6       Yes       Yes
## 12837    31.8       Yes       No
## 12838    31.2       No        No
## 12839    30.7       No        No
## 12841    34.0       No        Yes
## 12843    28.5       Yes       No
## 12844    30.8       No        No
## 12845    32.1       No        No
## 12846    32.5       No        No
## 12847    32.9       No        No
## 12848    35.4       No        No
## 12849    33.4       No        No
## 12850    30.8       No        No
## 12851    28.2       No        No
## 12852    29.9       No        No
## 12853    30.5       No        No
## 12854    32.0       No        No
## 12855    35.2       No        No
## 12856    36.0       No        No
## 12857    37.5       No        Yes
## 12858    33.1       Yes       No
## 12859    30.4       No        Yes
## 12863    28.7       No        No
## 12864    28.6       No        No
## 12865    28.4       No        No
## 12866    29.6       No        No
## 12869    32.8       No        No
## 12870    32.7       No        No
## 12871    31.3       No        No
## 12872    32.5       No        No
## 12873    31.7       No        Yes
## 12877    29.3       Yes       Yes
## 12878    28.5       Yes       No
## 12879    26.7       No        No
## 12883    27.6       No        No
## 12884    29.6       No        No
## 12885    27.7       No        No
## 12886    29.3       No        No
## 12889    25.2       No        No
## 12890    16.4       No        Yes
## 12891    22.8       Yes       No
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## 12892    23.8         No            No
## 12895    23.0         No            No
## 12896    21.9         No            No
## 12897    19.6         No            No
## 12898    17.9         No            No
## 12899    17.2         No            No
## 12903    21.4         No            No
## 12905    22.7         No            No
## 12906    23.1         No            No
## 12909    23.0         No           Yes
## 12910    18.0        Yes            No
## 12911    14.7         No           Yes
## 12912    13.7        Yes            No
## 12917    17.6         No            No
## 12918    15.9         No            No
## 12919    21.8         No            No
## 12920    22.3         No            No
## 12921    20.6         No            No
## 12922    21.4         No            No
## 12923    23.4         No            No
## 12924    18.2         No            No
## 12925    18.7         No            No
## 12926    14.7         No            No
## 12927    10.6         No            No
## 12928    14.8         No            No
## 12929    17.7         No           Yes
## 12930    16.4        Yes            No
## 12931    16.1         No           Yes
## 12932    11.2        Yes           Yes
## 12933    14.8        Yes            No
## 12934    18.9         No            No
## 12935    17.0         No            No
## 12936    15.5         No            No
## 12937    16.6         No            No
## 12938    17.2         No            No
## 12940    13.8         No            No
## 12941    16.2         No            No
## 12943    20.1         No            No
## 12944    20.7         No            No
## 12945    19.5         No            No
## 12946    21.6         No            No
## 12947    19.7         No            No
## 12948    19.3         No            No
## 12949    19.3         No            No
## 12950    20.5         No            No
## 12951    19.7         No            No
## 12952    23.2         No            No
## 12953    17.1         No            No
## 12954    16.0         No            No
## 12955    17.2         No            No
## 12956    13.8         No            No
## 12957    11.8         No            No
## 12958    13.8         No            No
## 12959    15.3         No            No
```

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## 12960   15.0        No          No
## 12961   11.9        No          No
## 12962   13.0        No          No
## 12963   17.7        No          Yes
## 12964   12.9        Yes         Yes
## 12965   14.3        Yes         No
## 12966   14.7        No          No
## 12967   12.4        No          No
## 12968   18.6        No          No
## 12969   18.1        No          No
## 12970   19.3        No          No
## 12971   17.7        No          No
## 12972   17.8        No          No
## 12973   18.2        No          No
## 12974   16.8        No          No
## 12975   16.8        No          No
## 12976   18.9        No          No
## 12977   19.2        No          No
## 12978   18.4        No          No
## 12979   20.7        No          No
## 12980   22.9        No          No
## 12981   22.5        No          No
## 12982   22.9        No          No
## 12983   22.5        No          No
## 12984   21.5        No          No
## 12985   21.5        No          No
## 12986   19.2        No          No
## 12987   15.4        No          No
## 12988   15.4        No          No
## 12989   17.2        No          No
## 12990   14.4        No          No
## 12991   18.3        No          No
## 12992   20.6        No          No
## 12993   20.6        No          No
## 12994   20.5        No          No
## 12995   22.1        No          No
## 12996   22.2        No          Yes
## 12998   14.2        No          Yes
## 12999   18.9        Yes         No
## 13000   19.6        No          No
## 13001   21.0        No          No
## 13002   23.0        No          No
## 13003   21.5        No          No
## 13006   15.8        Yes         Yes
## 13007   19.4        Yes         No
## 13008   24.5        No          Yes
## 13009   21.4        Yes         No
## 13010   21.9        No          No
## 13011   21.8        No          No
## 13012   23.1        No          No
## 13013   22.7        No          No
## 13015   23.0        No          No
## 13016   22.6        No          No
## 13017   26.5        No          Yes
```

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## 13020   14.0        Yes            No
## 13021   16.2        No             No
## 13022   18.0        No             No
## 13023   21.2        No             No
## 13024   23.2        No             No
## 13028   29.6        No             No
## 13029   30.1        No             No
## 13030   27.4        No             No
## 13031   23.5        No             No
## 13033   28.5        No             No
## 13034   24.4        No             No
## 13035   23.8        No             No
## 13036   24.6        No             No
## 13037   25.1        No             No
## 13038   15.7        No             Yes
## 13039   19.8        Yes            No
## 13041   14.9        Yes            Yes
## 13042   16.7        Yes            No
## 13043   20.4        No             No
## 13044   21.6        No             No
## 13045   17.3        No             Yes
## 13046   15.2        Yes            Yes
## 13047   23.0        Yes            Yes
## 13050   21.4        No             No
## 13051   24.3        No             No
## 13052   24.4        No             No
## 13053   26.5        No             No
## 13054   27.5        No             Yes
## 13057   26.7        No             No
## 13058   22.7        No             No
## 13059   24.0        No             No
## 13060   24.6        No             No
## 13061   27.2        No             No
## 13062   28.1        No             No
## 13063   26.3        No             No
## 13064   28.5        No             No
## 13065   31.4        No             Yes
## 13066   22.1        Yes            No
## 13067   25.6        No             No
## 13068   28.1        No             No
## 13069   26.1        No             No
## 13070   30.9        No             No
## 13071   28.1        No             No
## 13072   26.0        No             No
## 13073   29.5        No             No
## 13074   29.5        No             No
## 13075   30.6        No             No
## 13076   30.2        No             No
## 13077   20.7        No             No
## 13078   31.3        No             No
## 13079   33.8        No             No
## 13080   33.2        No             No
## 13081   26.5        No             No
## 13082   33.3        No             No
```

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## 13083    30.2        No          No
## 13084    31.6        No          No
## 13085    35.4        No          No
## 13086    38.0        No          No
## 13087    36.6        No          No
## 13088    32.0        No          No
## 13089    26.1        No          No
## 13090    33.9        No          No
## 13091    33.0        No          No
## 13092    34.0        No          No
## 13093    31.2        No          Yes
## 13094    22.0        Yes         Yes
## 13095    20.8        Yes         Yes
## 13096    20.1        Yes         Yes
## 13097    26.0        Yes         No
## 13098    28.5        No          No
## 13099    30.8        No          No
## 13100    31.1        No          No
## 13101    28.7        No          Yes
## 13102    19.7        Yes         Yes
## 13103    25.5        Yes         No
## 13104    25.4        No          No
## 13105    27.7        No          No
## 13106    28.2        No          Yes
## 13107    19.5        Yes         Yes
## 13108    15.7        Yes         Yes
## 13109    22.9        Yes         Yes
## 13110    25.9        Yes         Yes
## 13111    25.5        Yes         No
## 13112    26.6        No          Yes
## 13113    26.4        Yes         No
## 13114    27.3        No          No
## 13116    26.6        No          Yes
## 13117    26.2        Yes         No
## 13118    26.0        No          No
## 13119    26.3        No          No
## 13120    23.9        No          Yes
## 13121    28.2        Yes         No
## 13125    29.9        No          No
## 13126    29.6        No          No
## 13127    29.9        No          No
## 13128    31.2        No          No
## 13129    29.3        No          No
## 13130    30.0        No          No
## 13131    29.3        No          No
## 13132    29.3        No          No
## 13133    29.0        No          No
## 13134    30.6        No          No
## 13135    30.2        No          No
## 13136    32.5        No          No
## 13137    24.2        No          Yes
## 13138    31.6        Yes         No
## 13139    32.6        No          No
## 13140    34.7        No          No
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## 13141    33.4         No             No
## 13142    30.8         No             No
## 13143    30.1         No             No
## 13144    27.7         No             No
## 13145    30.0         No             No
## 13146    28.8         No            Yes
## 13147    21.0        Yes            Yes
## 13150    31.1         No             No
## 13151    33.6         No             No
## 13152    31.4         No             No
## 13153    30.4         No             No
## 13154    29.6         No             No
## 13155    25.3         No            Yes
## 13156    21.2        Yes            Yes
## 13158    29.9         No             No
## 13159    25.4         No            Yes
## 13160    20.0        Yes            Yes
## 13161    22.9        Yes            Yes
## 13162    29.3        Yes            Yes
## 13163    25.0        Yes            Yes
## 13166    25.4        Yes             No
## 13169    31.1         No             No
## 13170    27.0         No             No
## 13172    30.0         No             No
## 13173    30.2         No            Yes
## 13174    30.3        Yes             No
## 13175    29.6         No             No
## 13176    31.0         No             No
## 13177    30.9         No             No
## 13178    30.3         No             No
## 13179    29.8         No             No
## 13180    30.8         No             No
## 13181    32.3         No             No
## 13186    30.1        Yes             No
## 13187    29.8         No            Yes
## 13188    26.8        Yes             No
## 13189    24.0         No            Yes
## 13190    28.7        Yes             No
## 13191    30.1         No             No
## 13192    31.5         No             No
## 13193    32.4         No             No
## 13194    32.5         No            Yes
## 13195    30.1        Yes             No
## 13196    31.7         No             No
## 13197    30.4         No             No
## 13198    27.2         No            Yes
## 13199    25.4        Yes             No
## 13200    25.8         No             No
## 13201    27.7         No             No
## 13202    29.6         No             No
## 13203    30.6         No             No
## 13204    30.3         No             No
## 13205    29.6         No             No
## 13206    28.6         No             No
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## 13207    29.2        No          No
## 13208    29.5        No          No
## 13209    24.8        No          No
## 13210    30.2        No          No
## 13211    29.5        No          No
## 13212    30.6        No          No
## 13213    28.1        No          No
## 13215    28.0        No          No
## 13216    24.5        No          No
## 13217    28.4        No          No
## 13218    28.0        No          No
## 13219    27.2        No          No
## 13220    28.9        No          No
## 13221    28.3        No          No
## 13222    29.2        No          Yes
## 13224    29.6        No          No
## 13225    29.8        No          No
## 13226    31.7        No          No
## 13227    31.9        No          No
## 13228    30.4        No          No
## 13229    28.9        No          No
## 13230    31.2        No          No
## 13231    31.2        No          No
## 13232    25.3        No          No
## 13233    20.9        No          No
## 13234    23.6        No          No
## 13238    27.8        No          No
## 13239    20.2        No          Yes
## 13241    25.3        No          No
## 13242    27.6        No          No
## 13243    28.0        No          No
## 13244    28.7        No          No
## 13246    18.6        No          Yes
## 13247    24.1        Yes         No
## 13251    16.4        Yes         Yes
## 13252    24.7        Yes         No
## 13253    23.9        No          No
## 13254    25.0        No          No
## 13255    24.7        No          Yes
## 13256    21.6        Yes         No
## 13258    19.9        No          No
## 13259    20.3        No          No
## 13261    24.9        No          No
## 13262    26.7        No          No
## 13263    26.2        No          No
## 13264    26.2        No          No
## 13265    25.6        No          No
## 13266    17.1        No          No
## 13267    17.8        No          No
## 13272    22.1        No          No
## 13273    22.3        No          No
## 13274    23.0        No          No
## 13281    20.0        No          No
## 13282    21.9        No          No
```

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## 13283    21.8        No          No
## 13284    22.0        No          No
## 13285    15.5        No          Yes
## 13286    16.3        Yes         Yes
## 13287    17.8        Yes         Yes
## 13288    14.3        Yes         No
## 13289    11.6        No          No
## 13290    17.1        No          No
## 13291    17.8        No          No
## 13292    16.6        No          No
## 13293    18.4        No          No
## 13294    19.8        No          No
## 13295    18.8        No          No
## 13296    20.0        No          No
## 13297    20.9        No          No
## 13298    20.1        No          No
## 13299    21.8        No          No
## 13300    21.5        No          No
## 13301    16.4        No          No
## 13302    16.4        No          No
## 13303    16.8        No          No
## 13304    17.9        No          No
## 13305    19.9        No          No
## 13306    20.5        No          No
## 13307    14.6        No          No
## 13309    17.9        No          No
## 13310    17.8        No          No
## 13311    15.9        No          No
## 13312    20.4        No          No
## 13314    19.9        No          No
## 13315    15.8        No          No
## 13316    14.2        No          No
## 13317    15.0        No          No
## 13318    14.6        No          No
## 13323    21.3        No          No
## 13324    16.4        No          Yes
## 13325    18.0        Yes         Yes
## 13327    16.8        Yes         Yes
## 13328    14.2        Yes         No
## 13329    14.2        No          No
## 13331    16.7        No          No
## 13332    13.5        No          Yes
## 13333    14.2        Yes         No
## 13334    16.2        No          No
## 13335    18.5        No          No
## 13336    17.2        No          No
## 13337    17.6        No          No
## 13341    15.1        Yes         No
## 13342    13.3        No          No
## 13343    15.8        No          No
## 13344    16.1        No          No
## 13345    16.8        No          No
## 13346    16.2        No          No
## 13347    16.2        No          No
```

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## 13353   18.1        No          No
## 13354   15.5        No          No
## 13355   13.8        No          No
## 13356   16.4        No          No
## 13357   18.2        No          No
## 13358   19.2        No          No
## 13359   19.3        No          No
## 13360   22.7        No          No
## 13361   19.5        No          No
## 13362   21.5        No          No
## 13363   16.0        No          No
## 13364   16.5        No          No
## 13365   18.0        No          No
## 13369   18.6       Yes          No
## 13370   20.5        No          No
## 13371   18.0        No          No
## 13373   19.5        No          No
## 13374   25.2        No          No
## 13375   22.4        No          No
## 13376   17.3        No          No
## 13377   16.9        No          No
## 13378   20.0        No          No
## 13379   21.0        No          No
## 13380   23.8        No          No
## 13384   19.4        No          No
## 13385   20.2        No          No
## 13386   23.6        No          No
## 13388   27.0        No          No
## 13389   28.2        No          No
## 13390   18.8        No          No
## 13391   21.8        No          No
## 13392   23.5        No          No
## 13393   18.1        No         Yes
## 13394   24.6       Yes         Yes
## 13395   24.5       Yes          No
## 13396   28.8        No         Yes
## 13397   26.0       Yes          No
## 13398   26.1        No          No
## 13399   28.2        No          No
## 13400   24.8        No          No
## 13401   26.4        No          No
## 13402   24.9        No          No
## 13404   30.1        No          No
## 13405   19.3        No         Yes
## 13406   19.9       Yes          No
## 13407   23.8        No          No
## 13408   24.8        No          No
## 13409   25.4        No          No
## 13410   29.2        No          No
## 13411   31.5        No          No
## 13412   33.3        No          No
## 13413   26.0        No          No
## 13414   25.7        No          No
## 13415   26.8        No          No
```

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## 13416    31.9        No          Yes
## 13417    14.2        Yes         Yes
## 13418    15.4        Yes         No
## 13419    22.1        No          No
## 13420    22.6        No          No
## 13421    25.8        No          No
## 13422    28.7        No          No
## 13423    32.8        No          No
## 13427    30.9        No          No
## 13428    29.2        No          No
## 13429    26.4        No          No
## 13430    28.1        No          No
## 13431    30.5        No          No
## 13432    34.0        No          No
## 13433    24.8        No          No
## 13434    26.7        No          No
## 13435    24.2        No          No
## 13436    24.4        No          No
## 13437    29.8        No          No
## 13438    34.2        No          No
## 13440    27.2        No          No
## 13441    29.1        No          No
## 13442    31.1        No          No
## 13443    31.8        No          No
## 13444    28.7        No          No
## 13445    29.6        No          Yes
## 13446    22.2        Yes         No
## 13447    24.7        No          No
## 13448    27.2        No          No
## 13449    28.4        No          No
## 13450    31.1        No          No
## 13451    33.8        No          No
## 13452    35.9        No          No
## 13453    31.8        No          No
## 13454    31.8        No          No
## 13455    31.0        No          No
## 13456    29.6        No          No
## 13457    29.8        No          No
## 13458    31.5        No          No
## 13463    35.0        No          No
## 13464    34.3        No          No
## 13465    34.9        No          No
## 13468    32.0        No          No
## 13469    37.2        No          No
## 13473    34.5        No          No
## 13474    33.5        No          No
## 13475    33.5        No          No
## 13476    38.8        No          No
## 13477    38.2        No          No
## 13478    38.5        No          No
## 13479    40.2        No          Yes
## 13481    34.2        Yes         No
## 13482    30.5        No          No
## 13483    32.8        No          No
```

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## 13484    36.7         No          No
## 13485    40.0         No          No
## 13486    37.1         No          No
## 13487    31.3         No          No
## 13488    33.6         No          No
## 13489    33.1         No          Yes
## 13490    32.9         Yes         Yes
## 13491    32.4         Yes         Yes
## 13492    33.1         Yes         No
## 13493    28.7         No          Yes
## 13494    23.7         Yes         Yes
## 13495    21.2         Yes         Yes
## 13496    29.8         Yes         No
## 13497    33.5         No          No
## 13498    31.4         No          Yes
## 13499    20.9         Yes         Yes
## 13500    27.6         Yes         No
## 13501    27.4         No          No
## 13502    28.9         No          No
## 13503    29.3         No          No
## 13504    27.2         No          No
## 13505    27.9         No          No
## 13506    28.9         No          No
## 13507    27.8         No          No
## 13508    27.9         No          No
## 13509    29.3         No          No
## 13510    28.6         No          No
## 13511    28.9         No          No
## 13512    29.7         No          No
## 13513    30.3         No          No
## 13514    32.0         No          No
## 13515    27.5         No          No
## 13516    28.2         No          No
## 13517    28.5         No          No
## 13518    28.5         No          No
## 13519    28.5         No          No
## 13520    30.7         No          Yes
## 13521    29.4         Yes         Yes
## 13522    31.7         Yes         No
## 13523    31.8         No          No
## 13524    29.6         No          No
## 13525    29.4         No          No
## 13526    29.7         No          No
## 13527    27.3         No          No
## 13528    29.1         No          No
## 13529    22.2         No          No
## 13530    26.6         No          No
## 13531    27.7         No          No
## 13532    27.9         No          No
## 13533    28.4         No          Yes
## 13534    27.6         Yes         No
## 13535    24.8         No          Yes
## 13536    25.8         Yes         No
## 13537    26.8         No          No
```

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## 13538    26.3        No          No
## 13539    26.7        No          No
## 13540    27.4        No          No
## 13541    27.2        No          No
## 13542    27.9        No          No
## 13543    27.4        No          No
## 13544    29.3        No          No
## 13545    29.2        No          No
## 13546    27.8        No          No
## 13547    26.2        No          No
## 13548    20.7        No          No
## 13549    22.1        No          No
## 13550    25.4        No          No
## 13551    27.6        No          No
## 13553    25.1        No          No
## 13557    27.8        No          No
## 13558    27.9        No          No
## 13559    27.6        No          No
## 13560    28.5        No          No
## 13563    26.8        No          No
## 13564    25.5        No          No
## 13565    23.1        No          No
## 13566    24.5        No          No
## 13567    25.0        No          No
## 13568    23.6        No          No
## 13569    24.7        No          No
## 13570    25.9        No          No
## 13571    25.2        No          No
## 13572    22.4        No          Yes
## 13573    18.6        Yes         No
## 13574    18.1        No          No
## 13575    18.8        No          No
## 13576    18.3        No          No
## 13577    16.7        No          No
## 13578    17.4        No          No
## 13579    18.3        No          No
## 13580    17.7        No          No
## 13581    11.8        No          Yes
## 13582    15.3        Yes         Yes
## 13583    17.9        Yes         No
## 13584    20.0        No          No
## 13586    21.1        No          No
## 13587    21.5        No          No
## 13588    23.4        No          No
## 13589    22.9        No          No
## 13590    23.5        No          No
## 13591    20.7        No          Yes
## 13592    15.5        Yes         Yes
## 13593    17.0        Yes         No
## 13594    19.4        No          No
## 13595    20.8        No          No
## 13596    21.2        No          No
## 13597    21.4        No          No
## 13598    24.2        No          No
```

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## 13599    20.8        No          No
## 13600    16.7        No          No
## 13601    21.1        No          No
## 13602    15.7        No          Yes
## 13603    16.4        Yes         No
## 13604    14.5        No          No
## 13605    13.9        No          No
## 13606    15.6        No          No
## 13608    14.4        No          No
## 13609    16.0        No          No
## 13611    16.1        No          No
## 13612    18.0        No          No
## 13613    16.9        No          No
## 13614    15.9        No          No
## 13615    10.2        No          Yes
## 13616    16.2        Yes         No
## 13617    15.5        No          Yes
## 13618    19.5        Yes         No
## 13620    18.1        Yes         No
## 13621    19.3        No          No
## 13622    19.8        No          No
## 13623    21.3        No          No
## 13624    21.8        No          No
## 13625    21.4        No          No
## 13627    17.1        No          No
## 13628    16.8        No          No
## 13629    17.3        No          No
## 13630    19.2        No          No
## 13631    20.2        No          No
## 13633    21.0        No          No
## 13634    20.0        No          No
## 13635    19.8        No          Yes
## 13636    21.6        Yes         No
## 13637    22.2        No          No
## 13638    21.6        No          No
## 13639    16.7        No          Yes
## 13640    17.5        Yes         Yes
## 13641    14.9        Yes         No
## 13642    16.1        No          No
## 13644    16.4        No          No
## 13645    18.6        No          No
## 13646    18.9        No          No
## 13647    20.2        No          No
## 13648    20.7        No          No
## 13649    18.6        No          No
## 13650    19.6        No          No
## 13651    20.8        No          No
## 13653    20.7        No          No
## 13655    18.6        No          No
## 13656    19.2        No          No
## 13657    21.7        No          No
## 13658    23.0        No          No
## 13659    15.9        No          No
## 13660    18.1        No          No
```

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## 13661   22.1      No         No
## 13662   25.0      No         No
## 13663   27.9      No         No
## 13664   20.9      No         No
## 13665   21.9      No         No
## 13667   21.3      No         No
## 13670   22.2      No         No
## 13671   14.3      No         No
## 13672   15.3      No         No
## 13674   20.7      No         No
## 13675   20.9      No         No
## 13676   22.7      No         No
## 13677   23.6      No         No
## 13678   24.7      No         No
## 13679   26.4      No         No
## 13680   27.5      No         No
## 13681   28.9      No         No
## 13682   24.5      No         No
## 13683   28.5      No         No
## 13684   25.7      No         No
## 13685   24.9      No         No
## 13686   23.7      No         No
## 13688   26.9      No         No
## 13689   28.8      No         No
## 13690   29.7      No         No
## 13691   28.3      No         No
## 13692   28.8      No         No
## 13693   26.2      No         No
## 13694   26.6      No         No
## 13695   29.0      No         No
## 13696   27.0      No         No
## 13698   17.5      No         Yes
## 13699   21.6      Yes        No
## 13700   25.2      No         No
## 13701   24.4      No         No
## 13702   24.1      No         No
## 13704   25.1      No         No
## 13705   30.5      No         No
## 13706   32.9      No         No
## 13707   33.9      No         No
## 13708   33.1      No         No
## 13709   29.9      No         No
## 13710   31.6      No         No
## 13711   28.1      No         No
## 13712   31.3      No         No
## 13713   32.5      No         Yes
## 13714   25.6      Yes        No
## 13715   20.0      No         No
## 13716   23.6      No         No
## 13717   28.1      No         No
## 13718   32.1      No         No
## 13719   30.6      No         No
## 13720   27.0      No         No
## 13721   28.3      No         No
```

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## 13722    32.6        No          No
## 13723    30.1        No          No
## 13724    31.6        No          No
## 13725    28.4        No          No
## 13726    21.3        No          No
## 13727    23.5        No          No
## 13728    28.6        No          No
## 13729    33.4        No          Yes
## 13733    31.7        No          No
## 13734    33.7        No          No
## 13735    32.9        No          No
## 13736    26.1        No          No
## 13737    27.3        No          No
## 13738    26.6        No          No
## 13739    28.8        No          No
## 13740    31.4        No          No
## 13741    28.2        No          No
## 13742    28.8        No          No
## 13743    27.6        No          No
## 13744    29.2        No          No
## 13745    31.3        No          No
## 13746    36.1        No          No
## 13747    28.8        No          No
## 13748    28.1        No          No
## 13749    28.5        No          No
## 13750    30.5        No          No
## 13751    34.8        No          No
## 13752    34.1        No          No
## 13753    31.5        No          No
## 13758    30.3        Yes         No
## 13759    29.6        No          No
## 13760    27.3        No          No
## 13761    26.9        No          No
## 13762    29.1        No          No
## 13763    33.4        No          No
## 13768    30.3        Yes         No
## 13769    30.3        No          No
## 13770    30.7        No          No
## 13771    33.6        No          No
## 13772    22.3        No          Yes
## 13773    29.3        Yes         No
## 13774    28.8        No          No
## 13775    29.1        No          No
## 13776    32.0        No          No
## 13777    35.4        No          Yes
## 13778    26.3        Yes         No
## 13779    23.9        No          No
## 13780    28.0        No          No
## 13782    35.2        No          No
## 13783    33.9        No          No
## 13784    32.7        No          No
## 13786    34.4        No          No
## 13787    35.5        No          No
## 13788    36.1        No          No
```

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## 13789    34.5       No          No
## 13790    31.4       No          No
## 13792    33.0       No          No
## 13793    33.0       No          No
## 13794    35.6       No          No
## 13795    35.9       No          No
## 13796    36.0       No          No
## 13797    35.2       No          No
## 13798    32.7       No          No
## 13799    32.8       No          No
## 13800    36.8       No          No
## 13801    37.3       No          No
## 13802    42.4       No          No
## 13803    38.1       No          No
## 13804    35.6       No          No
## 13805    35.7       No          No
## 13806    38.1       No          No
## 13807    45.8       No          No
## 13808    34.6       No          No
## 13809    35.5       No          No
## 13810    35.1       No          No
## 13811    34.3       No          No
## 13812    32.7       No          No
## 13813    29.4       No          No
## 13814    29.9       No          No
## 13815    33.1       No          No
## 13816    36.0       No          No
## 13817    33.1       No          No
## 13818    34.0       No          No
## 13819    34.5       No          No
## 13820    34.1       No          No
## 13821    33.1       No          No
## 13822    34.2       No          No
## 13823    36.2       No          No
## 13824    40.2       No          No
## 13825    40.8       No          No
## 13826    39.1       No          No
## 13828    28.7       Yes         No
## 13829    32.2       No          No
## 13830    31.7       No          No
## 13831    31.3       No          No
## 13832    31.5       No          No
## 13833    32.7       No          No
## 13834    32.6       No          No
## 13838    32.9       No          No
## 13839    32.6       No          No
## 13840    32.2       No          No
## 13841    29.0       No          No
## 13842    30.8       No          No
## 13843    33.5       No          No
## 13844    34.6       No          No
## 13845    38.0       No          Yes
## 13846    33.7       Yes         No
## 13847    35.7       No          No
```

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## 13853    34.0      No          Yes
## 13854    27.1      Yes         Yes
## 13859    30.9      No          No
## 13860    30.5      No          No
## 13861    29.7      No          No
## 13866    31.2      No          No
## 13867    29.4      No          No
## 13868    30.9      No          No
## 13872    31.2      No          No
## 13873    31.8      No          No
## 13874    30.6      No          No
## 13875    30.9      No          No
## 13880    30.3      No          No
## 13881    33.2      No          No
## 13882    34.3      No          Yes
## 13886    31.9      No          Yes
## 13887    28.4      Yes         No
## 13888    20.9      No          Yes
## 13889    19.2      Yes         Yes
## 13894    30.7      No          No
## 13895    29.4      No          No
## 13896    29.9      No          No
## 13900    28.8      Yes         No
## 13901    28.1      No          No
## 13902    27.5      No          No
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## 13908    28.0      No          No
## 13909    25.7      No          No
## 13910    26.0      No          No
## 13914    25.8      No          No
## 13915    27.2      No          No
## 13916    28.4      No          No
## 13917    29.3      No          No
## 13922    25.4      Yes         No
## 13923    26.3      No          No
## 13924    18.6      No          No
## 13928    15.2      No          No
## 13929    16.3      No          No
## 13931    22.6      No          No
## 13936    25.0      No          No
## 13937    24.7      No          No
## 13938    24.0      No          No
## 13942    23.5      No          No
## 13943    23.7      No          No
## 13944    21.7      No          No
## 13945    25.4      No          No
## 13950    27.2      No          No
## 13951    25.1      No          No
## 13952    24.4      No          No
## 13956    18.5      No          Yes
## 13959    16.4      No          No
## 13964    20.8      No          No
## 13965    22.3      No          No
## 13966    20.1      No          No
```

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## 13970    13.0        Yes             No
## 13971    15.5        No              No
## 13972    16.7        No              No
## 13973    20.9        No              No
## 13978    20.9        No              No
## 13979    15.6        No              No
## 13980    17.0        No              No
## 13984    14.3        No              No
## 13985    13.1        No              No
## 13986    14.6        No              No
## 13992    15.2        No              No
## 13993    17.0        No              No
## 13994    21.5        No              No
## 13998    16.8        No              No
## 13999    19.7        No              No
## 14000    19.8        No              Yes
## 14001    17.8        Yes             No
## 14008    20.8        No              No
## 14013    18.8        No              No
## 14014    20.6        No              No
## 14015    22.0        No              No
## 14020    20.1        No              No
## 14021    19.2        No              No
## 14022    20.5        No              No
## 14026    21.9        No              No
## 14027    19.7        No              No
## 14028    18.4        No              No
## 14029    19.8        No              No
## 14034    14.8        Yes             No
## 14035    15.5        No              No
## 14036    19.0        No              No
## 14048    24.1        No              No
## 14049    18.0        No              No
## 14050    18.4        No              No
## 14054    22.7        No              No
## 14055    23.7        No              No
## 14056    25.3        No              No
## 14057    24.7        No              No
## 14062    28.4        No              No
## 14063    26.1        No              No
## 14064    23.0        No              No
## 14069    23.0        No              No
## 14070    25.5        No              No
## 14077    32.9        No              No
## 14078    25.8        No              No
## 14083    31.3        No              No
## 14084    33.0        No              No
## 14085    27.1        No              No
## 14091    17.7        Yes             No
## 14092    21.4        No              No
## 14096    27.9        No              No
## 14097    32.2        No              No
## 14098    28.8        No              No
## 14099    28.6        No              No
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## 14106    31.1        No          No
## 14110    25.5        Yes         No
## 14111    29.6        No          No
## 14112    30.1        No          No
## 14113    32.0        No          No
## 14118    36.1        No          No
## 14119    36.0        No          No
## 14120    34.4        No          No
## 14124    32.0        No          No
## 14125    31.0        No          No
## 14126    32.2        No          No
## 14127    35.0        No          No
## 14132    38.0        Yes         No
## 14133    29.7        No          No
## 14134    30.3        No          No
## 14138    31.6        Yes         No
## 14139    28.4        No          No
## 14140    33.6        No          No
## 14141    34.6        No          No
## 14146    33.5        Yes         No
## 14147    32.6        No          No
## 14148    35.5        No          Yes
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## 14153    33.3        No          No
## 14154    38.4        No          No
## 14155    39.4        No          No
## 14160    33.7        No          No
## 14161    29.8        No          Yes
## 14162    34.7        Yes         No
## 14166    20.3        Yes         Yes
## 14167    31.0        Yes         No
## 14168    37.2        No          No
## 14169    36.9        No          No
## 14174    28.9        Yes         No
## 14175    31.8        No          No
## 14176    32.6        No          No
## 14180    31.0        No          Yes
## 14181    28.7        Yes         Yes
## 14182    28.3        Yes         Yes
## 14183    29.6        Yes         Yes
## 14188    34.5        No          No
## 14189    34.8        No          Yes
## 14190    25.3        Yes         Yes
## 14194    36.9        Yes         No
## 14195    37.1        No          No
## 14196    30.9        No          Yes
## 14202    32.2        No          Yes
## 14203    26.4        Yes         No
## 14204    30.2        No          No
## 14210    32.6        No          No
## 14211    31.7        No          No
## 14216    31.2        No          No
## 14217    32.2        No          No
## 14218    33.2        No          No
```

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## 14222   34.7        No           No
## 14223   34.6        No           No
## 14224   34.4        No           No
## 14225   33.4        No           No
## 14230   34.2        Yes          No
## 14231   33.1        No           No
## 14232   36.5        No           No
## 14236   30.5        No           No
## 14237   35.6        No           No
## 14238   34.5        No           Yes
## 14239   27.2        Yes          No
## 14244   30.3        No           No
## 14245   30.7        No           Yes
## 14246   32.9        Yes          No
## 14250   29.3        Yes          No
## 14251   29.3        No           No
## 14265   27.8        Yes          Yes
## 14266   22.7        Yes          No
## 14267   17.8        No           No
## 14271   26.1        No           No
## 14272   26.9        No           No
## 14273   27.0        No           No
## 14274   27.9        No           No
## 14279   18.1        Yes          No
## 14280   13.0        No           Yes
## 14281   19.9        Yes          No
## 14285   18.7        No           No
## 14286   19.8        No           No
## 14288   23.6        No           No
## 14293   25.6        Yes          No
## 14294   27.1        No           No
## 14295   21.4        No           No
## 14300   22.2        No           No
## 14314   20.9        Yes          No
## 14316   21.3        No           No
## 14320   16.5        No           No
## 14321   15.8        No           No
## 14322   14.1        No           No
## 14323   14.9        No           No
## 14327   21.9        No           No
## 14328   22.5        No           No
## 14329   22.0        No           No
## 14330   22.4        No           No
## 14335   22.5        No           Yes
## 14336   16.1        Yes          Yes
## 14337   18.6        Yes          Yes
## 14341   17.1        No           No
## 14342   18.6        No           No
## 14343   19.6        No           No
## 14344   19.6        No           Yes
## 14349   20.2        No           No
## 14350   16.2        No           Yes
## 14351   16.9        Yes          No
## 14355   19.0        No           No
```

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## 14358    18.2        No          No
## 14363    11.9        Yes         No
## 14364    14.2        No          No
## 14365    14.0        No          Yes
## 14369    17.3        No          No
## 14370    18.9        No          No
## 14371    18.9        No          No
## 14372    17.2        No          Yes
## 14377    12.5        Yes         No
## 14378    13.8        No          No
## 14379    16.7        No          No
## 14383    24.1        No          No
## 14384    16.5        No          No
## 14385    13.2        No          No
## 14386    12.8        No          No
## 14391    19.4        No          No
## 14392    21.2        No          No
## 14398    18.6        No          No
## 14399    17.7        No          No
## 14400    19.3        No          No
## 14405    22.7        Yes         No
## 14406    17.4        No          No
## 14411    16.2        No          No
## 14412    17.5        No          No
## 14413    18.7        No          No
## 14414    22.2        No          Yes
## 14420    18.1        No          No
## 14421    19.7        No          No
## 14425    24.5        No          No
## 14426    25.1        No          No
## 14427    27.6        No          No
## 14428    28.7        No          No
## 14434    22.1        No          No
## 14435    20.0        No          No
## 14440    25.3        No          No
## 14441    27.3        No          No
## 14442    27.4        No          No
## 14453    29.1        No          No
## 14454    29.0        No          No
## 14455    32.6        No          No
## 14456    30.8        No          No
## 14467    29.5        No          No
## 14468    31.9        No          Yes
## 14469    31.2        Yes         Yes
## 14470    26.2        Yes         No
## 14476    36.1        Yes         No
## 14477    28.1        No          Yes
## 14481    30.3        No          No
## 14482    28.4        No          No
## 14483    30.8        No          No
## 14484    31.3        No          No
## 14490    28.4        No          No
## 14491    32.6        No          No
## 14495    35.8        No          No
```

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## 14496    34.5         No              No
## 14497    33.3         No              No
## 14498    35.9         No              No
## 14503    35.9         No              No
## 14504    35.8         No             Yes
## 14505    30.0        Yes              No
## 14509    32.8         No              No
## 14510    34.6         No              No
## 14511    35.2         No              No
## 14512    31.4         No              No
## 14517    33.8         No              No
## 14518    35.4         No             Yes
## 14519    29.9        Yes             Yes
## 14523    33.3         No              No
## 14524    33.8         No              No
## 14525    33.4         No             Yes
## 14526    29.5        Yes              No
## 14531    30.8        Yes              No
## 14532    29.6         No              No
## 14533    31.4         No              No
## 14537    18.6        Yes             Yes
## 14538    25.7        Yes              No
## 14539    25.7         No              No
## 14540    27.8         No              No
## 14545    34.5         No              No
## 14546    38.0         No              No
## 14547    37.9         No              No
## 14551    28.8        Yes              No
## 14552    30.6         No              No
## 14553    33.2         No              No
## 14554    35.1         No              No
## 14559    34.1        Yes             Yes
## 14565    31.3        Yes              No
## 14566    32.9         No              No
## 14567    31.7         No              No
## 14568    25.6         No              No
## 14573    32.3         No              No
## 14574    33.6         No              No
## 14575    31.3         No              No
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## 14580    38.9         No              No
## 14581    37.4         No              No
## 14582    32.4         No              No
## 14587    34.9        Yes              No
## 14588    33.4         No              No
## 14589    34.4         No              No
## 14593    35.0         No              No
## 14594    34.6         No              No
## 14595    33.4         No              No
## 14596    34.5         No              No
## 14601    32.6         No              No
## 14602    33.8         No              No
## 14603    34.5         No              No
## 14607    33.4         No              No
```

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## 14608   34.1        No           No
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## 14629   32.5        No           No
## 14635   25.2        No          Yes
## 14636   26.4       Yes           No
## 14637   28.5        No           No
## 14638   29.3        No           No
## 14643   25.2        No           No
## 14644   27.7        No           No
## 14645   29.3        No           No
## 14649   28.4        No           No
## 14650   26.9        No           No
## 14651   27.2        No           No
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## 21121   25.1        No           No
## 21122   23.8        No          Yes
## 21123   21.2       Yes          Yes
## 21124   21.6       Yes           No
## 21125   23.3        No           No
## 21126   23.3        No           No
## 21127   22.8        No           No
## 21128   21.6        No          Yes
## 21129   22.1       Yes           No
## 21130   22.1        No           No
## 21131   22.0        No           No
## 21132   22.0        No          Yes
## 21133   21.7       Yes           No
## 21134   22.4        No           No
## 21135   21.6        No           No
## 21136   22.1        No          Yes
## 21137   21.6       Yes           No
## 21138   21.4        No           No
## 21139   22.0        No           No
## 21140   22.2        No           No
## 21141   22.7        No           No
## 21142   23.3        No           No
## 21143   24.1        No           No
## 21144   23.1        No           No
## 21145   23.0        No           No
## 21146   22.7        No           No
## 21147   22.6        No           No
## 21148   23.0        No           No
## 21149   23.5        No           No
## 21150   22.1        No          Yes
## 21151   22.6       Yes           No
## 21152   23.5        No           No
## 21153   23.6        No           No
## 21154   23.1        No          Yes
## 21155   21.7       Yes          Yes
## 21156   21.7       Yes          Yes
## 21157   25.2       Yes          Yes
## 21158   25.8       Yes           No
```

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## 21159    24.1        No          Yes
## 21160    25.5       Yes           No
## 21161    25.6        No           No
## 21162    26.2        No          Yes
## 21163    24.1       Yes           No
## 21164    22.5        No           No
## 21165    23.1        No          Yes
## 21166    27.3       Yes           No
## 21167    26.4        No           No
## 21168    25.3        No           No
## 21169    27.5        No           No
## 21170    25.3        No          Yes
## 21172    24.5       Yes           No
## 21173    23.8        No           No
## 21174    24.7        No           No
## 21175    24.2        No           No
## 21176    23.9        No          Yes
## 21178    24.3        No           No
## 21179    25.0        No           No
## 21180    23.1        No           No
## 21181    23.6        No           No
## 21182    23.2        No          Yes
## 21183    24.6       Yes           No
## 21184    25.8        No           No
## 21185    23.9        No           No
## 21186    23.4        No           No
## 21187    23.8        No           No
## 21188    22.8        No           No
## 21189    23.1        No           No
## 21190    22.5        No           No
## 21191    22.8        No           No
## 21192    21.5        No           No
## 21193    23.4        No           No
## 21194    24.3        No           No
## 21195    24.8        No           No
## 21196    24.0        No          Yes
## 21197    24.0       Yes           No
## 21198    21.3        No          Yes
## 21199    22.4       Yes           No
## 21200    21.3        No           No
## 21201    22.5        No           No
## 21202    22.1        No          Yes
## 21203    20.1       Yes          Yes
## 21204    23.1       Yes           No
## 21205    21.3        No           No
## 21206    23.6        No          Yes
## 21207    24.3       Yes           No
## 21208    23.7        No           No
## 21209    23.6        No           No
## 21210    23.7        No          Yes
## 21211    20.1       Yes          Yes
## 21212    23.4       Yes           No
## 21213    21.0        No           No
## 21214    23.1        No           No
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## 21215     23.5        No           No
## 21216     22.4        No           No
## 21217     21.7        No           Yes
## 21218     20.5        Yes          No
## 21219     21.8        No           No
## 21220     22.0        No           No
## 21221     21.4        No           No
## 21222     22.5        No           No
## 21223     22.9        No           No
## 21224     21.9        No           No
## 21225     22.0        No           Yes
## 21226     20.8        Yes          Yes
## 21227     21.3        Yes          Yes
## 21228     21.8        Yes          No
## 21229     22.7        No           Yes
## 21230     22.6        Yes          No
## 21231     22.9        No           Yes
## 21232     23.3        Yes          Yes
## 21233     22.7        Yes          No
## 21234     22.1        No           No
## 21235     22.9        No           No
## 21236     22.1        No           No
## 21238     21.4        No           No
## 21239     21.4        No           No
## 21240     20.3        No           Yes
## 21241     19.2        Yes          No
## 21242     19.8        No           No
## 21243     18.3        No           No
## 21244     19.6        No           No
## 21245     18.3        No           Yes
## 21246     18.5        Yes          No
## 21247     19.9        No           Yes
## 21248     18.5        Yes          No
## 21249     18.4        No           Yes
## 21250     17.8        Yes          No
## 21251     19.2        No           Yes
## 21252     18.9        Yes          No
## 21253     19.6        No           No
## 21254     21.5        No           No
## 21255     20.0        No           Yes
## 21256     20.4        Yes          No
## 21257     19.7        No           No
## 21258     17.1        No           No
## 21259     17.1        No           Yes
## 21260     17.4        Yes          No
## 21261     17.8        No           No
## 21262     17.0        No           No
## 21263     17.2        No           No
## 21264     17.8        No           Yes
## 21265     18.2        Yes          No
## 21266     18.4        No           No
## 21267     18.8        No           No
## 21269     19.4        Yes          No
## 21270     17.4        No           No
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## 21271    16.0       No        Yes
## 21272    16.2      Yes         No
## 21273    16.5       No        Yes
## 21274    17.9      Yes         No
## 21275    17.4       No         No
## 21276    16.6       No        Yes
## 21277    19.5      Yes        Yes
## 21278    20.2      Yes         No
## 21280    19.3       No         No
## 21281    19.5       No         No
## 21282    18.6       No         No
## 21283    17.9       No        Yes
## 21285    18.5      Yes         No
## 21286    17.2       No         No
## 21287    16.6       No         No
## 21288    15.6       No         No
## 21289    16.8       No         No
## 21290    16.3       No         No
## 21291    17.3       No         No
## 21292    17.3       No         No
## 21293    16.7       No         No
## 21294    17.1       No         No
## 21295    19.1       No         No
## 21296    18.9       No        Yes
## 21297    19.4      Yes        Yes
## 21298    19.3      Yes        Yes
## 21299    17.0      Yes        Yes
## 21300    18.6      Yes        Yes
## 21302    19.4       No         No
## 21303    18.7       No        Yes
## 21304    18.2      Yes        Yes
## 21305    18.3      Yes        Yes
## 21306    18.4      Yes         No
## 21307    17.8       No        Yes
## 21309    16.0      Yes        Yes
## 21310    17.2      Yes        Yes
## 21311    18.5      Yes        Yes
## 21312    16.5      Yes         No
## 21313    16.6       No         No
## 21314    18.7       No         No
## 21315    20.0       No        Yes
## 21316    16.4      Yes        Yes
## 21317    17.9      Yes        Yes
## 21318    17.2      Yes         No
## 21319    17.3       No         No
## 21320    17.3       No        Yes
## 21321    16.9      Yes         No
## 21322    18.1       No         No
## 21323    18.1       No         No
## 21324    13.5       No        Yes
## 21325    15.7      Yes         No
## 21326    15.7       No         No
## 21327    15.1       No        Yes
## 21328    16.0      Yes        Yes
```

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## 21330    16.9        No          No
## 21331    16.7        No          No
## 21332    18.0        No          No
## 21333    17.2        No          No
## 21334    16.9        No          No
## 21335    17.1        No          No
## 21336    17.1        No          No
## 21337    16.8        No          Yes
## 21338    16.5        Yes         No
## 21339    18.1        No          Yes
## 21340    17.7        Yes         Yes
## 21341    18.6        Yes         No
## 21342    16.6        No          No
## 21343    17.2        No          No
## 21344    17.9        No          No
## 21345    18.8        No          No
## 21346    18.6        No          No
## 21347    17.4        No          Yes
## 21348    18.0        Yes         No
## 21349    17.8        No          Yes
## 21350    14.6        Yes         Yes
## 21351    16.3        Yes         No
## 21352    16.5        No          No
## 21353    16.4        No          Yes
## 21354    17.7        Yes         No
## 21355    16.7        No          No
## 21356    18.2        No          No
## 21357    19.5        No          No
## 21358    19.9        No          No
## 21359    18.0        No          Yes
## 21360    19.4        Yes         No
## 21361    19.0        No          Yes
## 21362    17.3        Yes         Yes
## 21363    17.8        Yes         Yes
## 21364    17.9        Yes         No
## 21365    16.9        No          No
## 21366    16.6        No          No
## 21367    16.3        No          No
## 21368    16.0        No          No
## 21369    16.8        No          No
## 21370    17.6        No          No
## 21371    18.5        No          Yes
## 21372    18.6        Yes         Yes
## 21373    17.4        Yes         Yes
## 21374    17.3        Yes         No
## 21375    17.4        No          No
## 21376    18.6        No          No
## 21377    18.0        No          Yes
## 21378    18.2        Yes         Yes
## 21379    17.3        Yes         No
## 21380    17.7        No          No
## 21381    17.8        No          No
## 21382    19.0        No          Yes
## 21383    19.5        Yes         No
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## 21384    18.9         No              No
## 21385    20.6         No              No
## 21387    19.8         Yes             No
## 21388    19.0         No              No
## 21389    18.9         No              Yes
## 21390    19.1         Yes             No
## 21391    19.0         No              No
## 21392    17.1         No              No
## 21393    18.4         No              No
## 21394    19.1         No              No
## 21395    19.0         No              No
## 21396    18.0         No              Yes
## 21397    16.6         Yes             No
## 21398    17.3         No              No
## 21399    18.0         No              No
## 21400    18.6         No              Yes
## 21401    19.2         Yes             No
## 21402    16.3         No              No
## 21404    17.2         No              No
## 21405    18.4         No              No
## 21406    19.6         No              No
## 21407    20.8         No              No
## 21408    21.3         No              No
## 21409    20.2         No              No
## 21410    19.4         No              Yes
## 21411    17.6         Yes             No
## 21412    18.7         No              No
## 21413    18.6         No              No
## 21414    18.5         No              No
## 21415    18.7         No              No
## 21416    19.0         No              No
## 21417    19.5         No              No
## 21418    20.7         No              No
## 21419    17.3         No              No
## 21420    17.8         No              No
## 21421    18.4         No              No
## 21422    17.6         No              No
## 21423    17.8         No              No
## 21424    17.2         No              No
## 21425    18.2         No              No
## 21426    20.7         No              Yes
## 21427    20.3         Yes             No
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## 21429    20.3         No              Yes
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## 21431    17.7         No              No
## 21432    17.8         No              No
## 21433    19.0         No              No
## 21434    20.1         No              No
## 21435    20.4         No              No
## 21436    20.0         No              No
## 21437    19.8         No              No
## 21438    20.8         No              No
## 21439    21.8         No              No
```

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## 21440    23.0        No          No
## 21441    22.4        No          Yes
## 21442    20.4        Yes         No
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## 21444    20.3        No          No
## 21445    21.8        No          No
## 21446    20.2        No          No
## 21447    20.6        No          No
## 21448    21.6        No          No
## 21449    21.5        No          No
## 21450    21.7        No          No
## 21451    22.1        No          No
## 21452    23.5        No          No
## 21453    19.9        No          Yes
## 21454    23.9        Yes         No
## 21455    23.4        No          No
## 21456    23.1        No          No
## 21457    22.8        No          No
## 21458    22.6        No          No
## 21459    21.7        No          No
## 21460    22.6        No          No
## 21461    24.3        No          No
## 21462    23.4        No          No
## 21463    23.2        No          No
## 21466    24.2        No          No
## 21467    23.0        No          No
## 21468    21.6        No          No
## 21469    20.8        No          No
## 21470    20.7        No          No
## 21471    22.2        No          No
## 21472    24.6        No          No
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## 21475    22.5        No          No
## 21476    22.7        No          No
## 21477    22.7        No          Yes
## 21478    23.9        Yes         No
## 21479    23.9        No          No
## 21480    23.1        No          No
## 21481    22.9        No          No
## 21482    22.8        No          No
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## 21491    22.7        No          No
## 21492    24.2        No          No
## 21493    23.9        No          No
## 21494    23.0        No          No
## 21495    20.6        No          No
```

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## 21496    23.2        No          No
## 21497    23.0        No          No
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## 21501    23.4        No          No
## 21502    23.5        No          No
## 21503    24.4        No          Yes
## 21504    24.6        Yes         No
## 21505    24.9        No          No
## 21506    23.7        No          No
## 21507    23.1        No          No
## 21508    23.6        No          No
## 21509    24.6        No          No
## 21510    23.0        No          No
## 21511    24.3        No          No
## 21512    25.0        No          No
## 21513    23.7        No          Yes
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## 21515    24.1        No          No
## 21516    24.1        No          No
## 21517    24.4        No          Yes
## 21518    24.3        Yes         Yes
## 21519    25.0        Yes         No
## 21520    24.9        No          No
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## 21522    24.1        Yes         No
## 21523    24.5        No          No
## 21524    24.3        No          No
## 21525    23.9        No          No
## 21526    22.7        No          No
## 21527    24.1        No          No
## 21528    25.1        No          No
## 21530    24.8        No          No
## 21531    25.0        No          No
## 21532    24.2        No          No
## 21533    24.5        No          No
## 21534    24.0        No          No
## 21535    24.3        No          No
## 21536    24.3        No          No
## 21538    24.4        No          No
## 21539    22.6        No          Yes
## 21540    24.4        Yes         No
## 21541    22.3        No          Yes
## 21542    24.2        Yes         No
## 21543    24.0        No          No
## 21544    24.1        No          No
## 21545    24.0        No          No
## 21546    23.5        No          No
## 21547    24.0        No          No
## 21548    23.2        No          No
## 21549    24.2        No          No
## 21550    23.9        No          Yes
## 21551    23.7        Yes         No
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## 21552     23.5          No            No
## 21553     24.1          No            No
## 21554     23.8          No            No
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## 21556     22.6          No            No
## 21557     22.0          No            Yes
## 21558     23.2          Yes           Yes
## 21559     23.0          Yes           Yes
## 21560     23.4          Yes           No
## 21561     22.7          No            No
## 21562     22.7          No            No
## 21563     24.0          No            No
## 21564     22.8          No            No
## 21565     24.1          No            No
## 21566     23.2          No            No
## 21567     23.1          No            Yes
## 21568     24.3          Yes           No
## 21569     22.7          No            No
## 21570     23.4          No            No
## 21571     22.8          No            Yes
## 21572     23.5          Yes           No
## 21573     24.0          No            No
## 21574     24.8          No            Yes
## 21575     24.0          Yes           Yes
## 21576     23.0          Yes           No
## 21577     23.7          No            No
## 21578     23.8          No            No
## 21579     20.8          No            Yes
## 21580     21.5          Yes           No
## 21581     22.3          No            No
## 21582     20.5          No            No
## 21583     22.9          No            Yes
## 21584     22.4          Yes           No
## 21585     22.2          No            No
## 21586     22.9          No            No
## 21587     23.5          No            Yes
## 21588     21.6          Yes           No
## 21589     22.7          No            Yes
## 21590     21.5          Yes           No
## 21591     21.6          No            No
## 21592     20.8          No            No
## 21593     22.3          No            No
## 21594     21.0          No            Yes
## 21595     20.6          Yes           No
## 21596     21.3          No            No
## 21597     20.3          No            No
## 21598     21.2          No            No
## 21599     21.9          No            Yes
## 21600     21.3          Yes           Yes
## 21601     21.8          Yes           No
## 21602     21.3          No            No
## 21603     22.8          No            No
## 21604     22.0          No            No
## 21605     20.3          No            No
```

```
## 21606    19.8       No          No
## 21607    19.1       No          No
## 21608    20.2       No          No
## 21609    21.7       No          No
## 21610    20.6       No         Yes
## 21611    20.9      Yes         Yes
## 21612    20.8      Yes         Yes
## 21613    20.4      Yes         Yes
## 21614    19.6      Yes         Yes
## 21615    21.3      Yes          No
## 21616    20.7       No          No
## 21617    19.4       No         Yes
## 21618    17.9      Yes         Yes
## 21619    20.5      Yes         Yes
## 21620    19.7      Yes         Yes
## 21621    19.4      Yes          No
## 21622    20.6       No         Yes
## 21623    20.4      Yes          No
## 21624    20.0       No          No
## 21625    20.2       No          No
## 21626    19.6       No         Yes
## 21628    18.2      Yes          No
## 21629    18.7       No         Yes
## 21630    18.7      Yes         Yes
## 21631    21.3      Yes          No
## 21632    19.2       No          No
## 21633    17.4       No          No
## 21634    18.7       No         Yes
## 21635    21.3      Yes          No
## 21636    20.8       No          No
## 21637    21.1       No          No
## 21639    19.0       No         Yes
## 21640    21.9      Yes         Yes
## 21641    20.4      Yes          No
## 21642    19.3       No         Yes
## 21643    16.3      Yes         Yes
## 21644    17.0      Yes          No
## 21645    19.6       No         Yes
## 21646    17.8      Yes          No
## 21647    18.6       No         Yes
## 21648    18.3      Yes          No
## 21649    16.8       No         Yes
## 21650    17.7      Yes          No
## 21651    17.1       No          No
## 21652    17.7       No         Yes
## 21653    18.0      Yes         Yes
## 21654    18.8      Yes          No
## 21656    16.0       No         Yes
## 21657    15.3      Yes         Yes
##  [ reached 'max' / getOption("max.print") -- omitted 52073 rows ]
```

```r
rain$RainToday <- ifelse(rain$RainToday == "Yes", 1,
                         ifelse(rain$RainToday == "No", 0, rain$RainToday))
```

```r
#RainTomorrow is our Target variable
rain$RainTomorrow <- ifelse(rain$RainTomorrow == "Yes", 1,
                             ifelse(rain$RainTomorrow == "No", 0, rain$RainToday))

#Remove date and location columns and hot encode wind directions
rain <- rain[, !(names(rain) %in% c('Date', 'Location', 'WindGustDir', 'WindDir9am', 'WindDir3pm'))]

# 56,420 × 18
print(rain)
```

```
##         MinTemp MaxTemp Rainfall Evaporation Sunshine WindGustSpeed WindSpeed9am
## 6050      17.9    35.2      0.0        12.0     12.3            48            6
## 6051      18.4    28.9      0.0        14.8     13.0            37           19
## 6053      19.4    37.6      0.0        10.8     10.6            46           30
## 6054      21.9    38.4      0.0        11.4     12.2            31            6
## 6055      24.2    41.0      0.0        11.2      8.4            35           17
## 6056      27.1    36.1      0.0        13.0      0.0            43            7
## 6057      23.3    34.0      0.0         9.8     12.6            41           17
## 6058      16.1    34.2      0.0        14.6     13.2            37           15
## 6059      19.0    35.5      0.0        12.0     12.3            48           30
## 6060      19.7    35.5      0.0        11.0     12.7            41           15
## 6061      20.9    37.8      0.0        12.8     13.2            30           11
## 6062      23.9    39.1      0.0        13.8     12.1            39           24
## 6063      24.9    41.2      0.0        14.8     13.0            43           17
## 6064      25.2    40.5      0.0        16.4     10.3            44           13
## 6065      21.6    34.2      0.0        17.4     13.1            44           17
## 6066      18.4    31.8      0.0        16.0     12.9            33           17
## 6067      17.9    34.2      0.0        12.0     11.3            61           22
## 6068      21.4    37.5      0.0        14.8      6.9            43           26
## 6069      23.3    39.4      4.8        12.0     10.9            59           19
## 6070      25.4    33.5      0.0        13.6      3.7            46            9
## 6071      21.8    30.7      0.0         8.0      5.9            56           24
## 6072      20.3    36.0     18.0         8.2     10.5            94           13
## 6073      22.1    34.7      8.6         8.6     12.4            50           11
## 6074      19.7    37.3      0.0        14.2     13.4            28           13
## 6075      23.8    39.9      0.0        12.6     13.2            31           17
## 6076      27.0    38.7      0.0        14.2     13.0            46           24
## 6077      26.2    38.5      0.0        14.6     13.3            39           15
## 6078      25.0    39.5      0.0        14.6     13.6            52           19
## 6079      25.1    39.3      0.0        15.8     13.2            44           20
## 6080      25.2    38.5      0.0        16.2     13.1            44           24
## 6081      24.8    40.8      0.0        13.4     11.3            30            9
## 6082      27.6    40.3      0.0        14.4     10.9            57           17
## 6083      23.6    40.4      0.6        11.8     12.2            54            9
## 6084      24.1    41.4      1.6        12.6     12.3            39           17
## 6085      27.2    43.4      0.0        14.2     12.6            37           15
## 6086      29.1    43.5      0.0        13.0     12.1            28            9
## 6087      28.9    41.4      0.0        15.6     12.7            41           20
## 6088      25.1    42.0      0.0        17.4     13.0            39           15
## 6089      25.4    36.6      0.0        15.2     10.3            43           19
## 6090      19.3    28.1      0.0        16.0      7.4            46           19
## 6091      14.1    25.9      0.0        11.6     12.3            44           22
## 6092      14.5    30.1      0.0         9.6     10.0            37            9
## 6093      16.8    23.3      0.6         8.0      2.3            63           35
```

```
## 6094    16.1    19.1    26.0     6.6     0.0      54      28
## 6095    16.0    24.2     7.0     0.6     6.6      43      13
## 6096    17.4    19.7     0.0     6.0     0.0      48      19
## 6097    15.9    20.8    32.6     3.0     0.3      44      15
## 6098    16.5    27.4     1.6     2.0    10.0      30      19
## 6099    16.8    30.6     0.0     5.2    10.7      26       6
## 6100    20.4    34.0     0.0     6.6    11.6      31       9
## 6101    19.9    31.7     0.0     9.0    12.4      31      13
## 6102    17.2    34.3     0.0    10.2    12.4      39      15
## 6103    21.9    35.1     0.0     9.0    10.2      43      22
## 6104    21.0    34.7     2.0    10.0     9.0      46      15
## 6105    18.7    33.1     0.8     7.4    12.1      31      11
## 6106    17.9    33.8     0.0     8.4    12.0      24      13
## 6107    19.9    33.5     0.0     9.2    12.3      39      26
## 6108    22.2    36.9     0.0     9.4    12.0      41      17
## 6109    16.9    32.8     0.0    12.4    10.7      30       2
## 6110    20.0    31.1     0.0    10.4     3.0      30       7
## 6111    23.0    38.9     0.0     7.2     8.4      65      19
## 6112    18.6    24.5     0.0    15.2     7.9      54      22
## 6113    14.1    24.6     0.0    11.0    11.5      46      20
## 6114    11.9    26.4     0.0     8.4    12.1      41      11
## 6115    13.1    29.6     0.0     8.0    12.0      26      11
## 6116    16.5    33.2     0.0     9.4    12.0      46      15
## 6117    21.1    33.4     0.0    10.4    11.2      41      24
## 6118    21.6    31.1     0.0    10.8     4.8      61      30
## 6119    19.5    31.4     0.0     6.8    10.5      46      26
## 6120    21.6    32.2     0.0    11.2     5.8      48      28
## 6121    18.5    29.6     9.2     7.6     6.0      39      13
## 6123    16.0    24.3     0.0    10.4    11.1      39      17
## 6124     9.2    24.4     0.0     7.6    10.9      41       9
## 6125    12.1    25.8     0.0     6.8    11.8      30      11
## 6126    13.9    29.5     0.0     6.4    11.8      28      11
## 6127    15.3    32.3     0.0     6.0    11.3      24       4
## 6128    17.6    33.9     0.0     8.0    11.6      39       7
## 6129    19.1    34.2     0.0     9.0    11.4      28      13
## 6130    20.9    34.3     0.0    10.2     7.9      28      13
## 6131    21.3    35.9     0.0     9.0    10.8      35       9
## 6132    19.2    37.0     0.0    10.2    11.1      43      15
## 6133    23.5    36.5     0.0    15.6     7.8      44      19
## 6134    21.9    36.4     0.0    11.4     6.6      37      13
## 6135    20.8    31.2     0.2    11.4    10.3      33      13
## 6136    15.9    31.0     0.0     9.8    11.4      37      20
## 6137    16.6    31.6     0.0     7.8    11.1      26      13
## 6138    17.3    31.0     0.0     7.0    11.1      33      17
## 6140    18.0    30.6     0.0     8.4    11.2      44      15
## 6141    19.7    31.8     0.0     8.8    11.2      37      19
## 6142    21.0    32.8     0.0     6.8    10.3      31      19
## 6143    15.6    24.3     0.2     8.2    11.2      43      17
## 6144     9.9    24.6     0.0     7.0    11.2      31      11
## 6145    10.7    23.3     0.0     6.2    11.0      43      17
## 6146     9.4    25.6     0.0     7.6    11.2      31      13
## 6147    13.5    28.4     0.0     5.8     9.0      35      24
## 6148    17.1    28.7     0.0     6.6     5.5      43      15
## 6149    16.5    20.6    14.4     6.0     0.0      30       7
```

```
## 6150    16.0    24.4    2.4    0.2     4.7    31     4
## 6151    16.8    23.9    5.4    2.4     4.2    20     4
## 6152    16.2    23.9    0.0    1.8     4.4    24     6
## 6154    14.5    28.4    0.0    2.8    11.1    39    15
## 6155    14.9    29.4    0.0    8.0     9.8    33    13
## 6156    11.7    23.8    0.0    5.0    11.0    28    11
## 6157    11.2    23.8    0.0    5.0    11.0    35     7
## 6158    11.4    25.6    0.0    5.0    10.9    26     7
## 6159    13.3    24.1    0.0    5.2    11.2    31    13
## 6160    11.9    24.0    0.0    6.2    10.9    35    19
## 6161    12.3    24.6    0.0    5.0     9.9    31    15
## 6162    12.0    25.9    0.0    4.4    11.0    33    20
## 6163    16.7    24.6    0.0    7.0     4.3    57     6
## 6164    12.7    23.4    0.6    5.0    10.6    46    13
## 6165    11.2    18.4    1.0    5.6     9.0    63    22
## 6166     5.7    19.7    0.0    4.8    10.3    52     9
## 6167    12.4    19.9    1.0    4.2     8.0    35    17
## 6168     6.2    17.0    0.0    4.0     9.6    33     4
## 6170     6.2    19.3    0.0    3.0     7.8    17     7
## 6171     6.6    20.6    0.0    2.4    10.6    28     7
## 6172     7.5    22.8    0.0    4.2    10.7    30     9
## 6173     8.5    23.3    0.0    4.2    10.7    22    11
## 6174     9.7    23.1    0.0    4.8    10.4    22     7
## 6175     5.9    23.9    0.0    4.6    10.6    20     9
## 6176     7.9    23.5    0.0    4.0    10.4    26     9
## 6177     7.5    21.7    0.0    4.0    10.5    24     9
## 6178     6.2    22.2    0.0    4.0    10.5    24     4
## 6179     7.7    23.2    0.0    3.4    10.4    22     6
## 6180    10.4    23.4    0.0    4.2     9.3    30    17
## 6181     9.7    23.2    0.0    4.0     8.7    24    13
## 6182     9.0    21.2    0.0    3.4    10.2    33     2
## 6183     5.4    20.4    0.0    4.6    10.0    31     6
## 6184     7.5    21.2    0.0    3.4    10.4    37     9
## 6185     8.8    20.6    0.0    4.4     7.6    39    17
## 6186     7.8    19.4    0.0    3.6     6.9    31     7
## 6188    12.8    14.7    7.6    4.6     0.0    41    20
## 6189    12.5    15.6   17.6    0.0     0.0    52    20
## 6190    12.7    20.0    7.8    1.4     7.5    52    22
## 6191    10.9    20.8    0.2    2.8    10.1    46    11
## 6192    12.6    22.9    0.0    4.0    10.2    44    24
## 6193    13.2    22.9    0.0    4.0     9.9    44    24
## 6194    13.5    21.5    0.0    4.6     6.3    44    24
## 6195    13.0    21.3    1.0    3.8     2.8    26    13
## 6196    12.6    16.3    3.6    2.2     0.7    20     7
## 6197     7.2    15.9    0.0    0.8     9.4    24     6
## 6198     2.4    15.6    0.0    2.4     9.3    28     6
## 6199     6.8    17.7    0.0    2.2     9.7    37    17
## 6200    10.7    15.6    0.0    2.6     0.6    43    19
## 6201    11.3    13.0   10.0    1.8     0.0    43    24
## 6202    11.1    13.9   12.0    0.0     0.0    30    15
## 6204    11.6    18.6    0.2    0.6     8.3    26     6
## 6205     6.9    17.6    0.0    2.2     9.3    15     7
## 6206     6.9    16.7    0.0    1.6     4.1    28    17
## 6207     6.5    14.5    3.4    1.2     3.9    28    13
```

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```
## 6208      8.8    15.8     0.0        1.0     8.3        31          17
## 6209      5.5    14.3     0.8        2.8     6.2        46          13
## 6211      0.2    12.1     0.0        2.8     9.6        31           4
## 6212      1.9    12.8     0.0        1.2     6.8        26          11
## 6213      6.1    18.0     0.0        1.4     7.8        35          17
## 6214      8.3    19.0     0.2        3.8     8.6        46          13
## 6215      4.7    14.9     0.0        3.4     2.7        24           9
## 6216      7.9    17.1     0.6        0.6     8.7        20           9
## 6217      5.2    17.8     0.0        2.4     8.2        26          15
## 6218      6.5    17.5     0.0        2.0     9.7        28          17
## 6219      6.7    17.3     0.0        2.2     8.0        22          13
## 6220      8.5    18.4     0.0        2.4     7.5        33          19
## 6221     11.7    20.1     0.0        2.0     3.1        31          17
## 6222      9.5    20.9     2.0        1.8     9.9        22           7
## 6223      7.4    22.3     0.2        2.2     9.4        33          19
## 6224      6.5    16.7     0.0        3.2     9.8        33           7
## 6225      7.2    16.6     0.0        2.6     1.8        19           6
## 6226      7.8    12.2     0.2        2.2     0.1        28           6
## 6227      9.2    14.6    38.8        0.8     0.8        20          11
## 6228      9.5    16.0     6.4        0.6     3.4        26           9
## 6230      9.8    20.7     0.0        2.4     3.0        54          13
## 6231      8.7    17.0     0.0        4.0     9.6        39          13
## 6232      4.3    16.5     0.0        3.4     8.7        41           7
## 6233      8.5    14.3     0.0        2.8     5.0        48          20
## 6234      7.1    13.5     0.0        2.6     5.7        33          17
## 6235      8.3    14.7     0.0        2.4     7.4        24          13
## 6236      4.4    12.8     0.0        2.2     6.1        22           6
## 6237      1.7    14.6     0.0        1.0     9.8        20           6
## 6238      5.3    16.6     0.0        2.0     9.6        31          13
## 6239      6.3    17.0     0.0        2.2    10.0        30          19
## 6240      5.6    17.6     0.0        2.4    10.0        30          20
## 6241      8.4    18.4     0.0        2.8     7.0        33          15
## 6242     10.5    19.5     0.2        3.4     2.9        28           9
## 6243      7.7    15.6     0.2        1.2     5.5        28           6
## 6245      6.3    12.0     5.8        2.0     2.5        22           6
## 6247      1.9    13.7     0.0        1.0     7.1        15           4
## 6248      3.2    15.3     0.0        0.8     8.9        24           6
## 6249      3.7    17.6     0.0        2.2    10.3        24          11
## 6251      8.2    22.7     0.0        3.8     9.1        31          15
## 6252     12.2    17.4     0.0        4.2     1.7        43          13
## 6253      5.1    13.0     2.4        1.6     8.1        33          11
## 6254      1.2    15.5     0.0        1.6    10.3        20           7
## 6255      3.4    17.1     0.0        1.8     9.5        33          13
## 6256      8.9    12.2     0.8        2.4     1.2        24           7
## 6257      4.6    11.4     1.8        0.6     1.4        30           7
## 6258      3.6    16.6     0.0        0.8     8.2        26           6
## 6259      5.3    15.1     0.0        2.2     2.9        24           4
## 6260      4.9    15.8     0.0        1.6     5.5        20           6
## 6261      9.3    17.2     0.0        1.4     6.2        26           7
## 6262      4.7    16.3     0.0        2.6    10.1        20           6
## 6263      5.2    17.6     0.0        2.2    10.1        17           7
## 6266      5.9    19.9     0.0        5.0     6.3        20           4
## 6267      8.0    20.5     0.0        2.4     9.9        26          13
## 6268      7.2    19.2     0.0        4.2    10.1        44          15
```

```
## 6269     2.3    16.2     0.0      4.2    10.8         24           9
## 6270     1.7    17.6     0.0      3.2     8.8         19           9
## 6271     6.2    21.4     0.0      2.4     9.8         43           7
## 6272     8.4    19.1     0.0      5.4     5.8         44          15
## 6273     7.5    19.3     0.0      4.0     9.8         37           6
## 6274     4.1    19.0     0.0      3.8     7.8         28           2
## 6275     6.5    20.3     0.0      2.4    10.7         17           6
## 6276     7.4    22.8     0.0      3.6    10.6         35          17
## 6277    13.4    28.0     0.0      6.4     2.3         57          26
## 6278     7.8    18.2     0.0      6.0    10.8         37          15
## 6279     5.2    18.8     0.0      3.4    10.7         26           7
## 6280     4.9    21.3     0.0      4.0     9.4         24           6
## 6281    10.0    22.8     0.0      3.4    10.0         22           2
## 6282    10.5    27.6     0.0      4.0     4.4         61          20
## 6283    11.9    19.9     0.4      6.2     2.2         30          13
## 6284    14.1    28.9     0.2      2.2     7.0         37          13
## 6285    15.4    23.2     0.0      4.2     3.9         57           6
## 6286    10.4    17.5     0.0      6.0     9.8         65          20
## 6287     6.2    18.8     0.0      4.2    11.0         22           9
## 6288     5.2    23.3     0.0      3.4    11.1         31          13
## 6289     6.5    23.7     0.0      4.8     5.7         24          11
## 6290    15.4    26.7     0.4      5.2     1.4         48          19
## 6291     9.3    16.3     0.0      7.8    11.3         54          24
## 6292     3.5    18.2     0.0      4.0    10.8         35           6
## 6293     6.6    21.1     0.0      4.8    11.0         22           4
## 6294     7.4    22.9     0.0      3.8    11.2         39          13
## 6297     6.1    19.0     8.0      6.0    11.4         30           7
## 6298     6.7    21.7     0.0      3.8    10.6         39          13
## 6299    13.3    21.0     0.0      7.2     8.3         54          22
## 6300     7.9    18.5     0.0      6.2    10.7         41          17
## 6301     4.9    18.6     0.0      4.8    11.3         35           6
## 6303     6.5    26.0     0.0      4.6    11.3         37          15
## 6304    12.0    30.1     0.0      7.6    11.2         44          22
## 6305    14.5    32.7     0.0     10.8    11.0         46          19
## 6306    13.8    24.6     0.0     10.0    10.9         33          15
## 6307     8.1    24.2     0.0      6.4    10.6         24          13
## 6308     7.1    28.2     0.0      5.2    11.5         26          15
## 6309    15.7    31.3     0.0      6.2     3.5         50          24
## 6310    10.9    22.9     7.0      5.2     9.9         24          11
## 6311     9.6    26.6     0.0      4.0    10.9         31           6
## 6312    14.4    29.2     0.0      6.0     9.2         59           9
## 6313    14.8    21.5     0.6      6.8     0.6         44          11
## 6314    15.1    29.6     1.0      2.2     3.1         83          26
## 6315     9.6    18.7     0.4      9.2     1.9         74          26
## 6316     7.1    21.7     0.0      4.2    11.2         33           9
## 6317     8.8    27.5     0.0      6.2    10.5         65          17
## 6318     8.7    17.7     0.0     13.0     9.7         63          30
## 6319     6.9    16.8     0.0      8.2    11.7         50          28
## 6320     7.7    19.3     0.0      7.0    11.6         39          13
## 6321     5.9    22.1     0.0      5.8    11.5         28           6
## 6322     7.4    27.6     0.0      5.8    11.9         35          17
## 6323    14.7    34.9     0.0     10.0    11.4         43          17
## 6324    16.6    33.4     0.0     11.0     9.2         72          15
## 6325    11.6    17.7     0.0     10.6     3.7         44          17
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## 6326     8.2    20.8     0.0      4.0     7.7         30            9
## 6327    11.2    24.1     0.0      3.8    11.7         33           13
## 6328     8.0    22.4     0.0      7.6    12.0         41            7
## 6329     5.4    18.1     0.0      8.4    12.0         44           19
## 6330     4.0    19.6     0.0      7.4    12.1         31           11
## 6331     6.1    22.0     0.0      5.6    11.9         30           17
## 6332     9.7    24.4     0.0      6.8     7.9         41           24
## 6333    10.3    27.7     0.0      6.6    10.5         48           17
## 6334    16.3    29.1     0.0      8.4     0.9         76           24
## 6335     9.1    23.8     0.6      4.6    10.1         69           15
## 6336    12.4    21.5     0.0     10.4    11.2         54           24
## 6337     9.5    21.6     0.0      7.6     9.2         50           19
## 6338     6.7    19.5     0.0      7.2    12.6         44           19
## 6339     7.8    22.1     0.0      7.6     9.6         31            7
## 6340     8.5    24.8     0.0      6.0    12.5         35            7
## 6341     9.9    28.6     0.0      7.0    12.9         30           13
## 6342    13.9    32.6     0.0      7.6    12.7         39           13
## 6343    15.4    36.0     0.0      9.6    12.3         33           11
## 6344    17.1    36.7     0.0     11.4     9.8         48            6
## 6345    17.5    35.1     0.0     11.2    11.0         43           13
## 6348     9.8    16.1     6.0      6.8     0.1         57           11
## 6349    11.7    23.7    25.6      4.0     5.9         46           24
## 6350    15.3    26.1     0.2      3.6     8.0         35           20
## 6351    16.4    31.2     0.2      4.4     8.2         44           17
## 6352    17.9    30.7     0.0      8.6    11.8         33           15
## 6353    19.6    33.4     0.0      8.8    11.8         31           13
## 6354    21.2    35.0     0.0     10.0    12.8         26           13
## 6355    21.9    37.5     0.0     10.4    12.7         28           15
## 6356    21.3    38.3     0.0     12.6    11.3         56           20
## 6357    16.7    28.3     0.0     14.6    10.6         30           11
## 6358    14.3    27.3     0.0     10.4    13.1         30           15
## 6359    14.9    31.3     0.0      8.6    12.7         44           17
## 6360    16.6    29.2     0.0     10.6    11.5         41           20
## 6361    18.0    31.8     0.0     10.2    12.6         43           24
## 6362    20.0    32.7     0.0     10.6    11.7         35           20
## 6363    18.9    34.1     0.0      9.6    13.7         43           15
## 6364    19.8    36.5     0.0     10.2    12.8         30           20
## 6365    21.7    40.4     0.0     11.8    10.3         72            9
## 6366    21.9    37.4     0.0     13.8    13.1         37           11
## 6367    20.2    36.4     0.0     14.2    13.2         37           15
## 6368    22.5    39.8     0.0     10.6    11.4         33           13
## 6369    25.3    41.7     0.0     12.4     7.7         46           15
## 6370    23.6    38.2     0.0     16.8    12.1         43           11
## 6371    21.0    41.8     0.0     14.8    12.7         31           17
## 6372    27.4    43.9     0.0     13.8     8.5         44            9
## 6373    28.8    45.4     0.0     17.0     8.8         56           15
## 6374    27.3    39.7     0.0     20.2     9.7         39           13
## 6375    26.1    33.1     0.0     12.0     2.9         57           22
## 6376    17.6    19.6     0.2     10.0     0.2         43            9
## 6377    13.8    33.8     7.0      1.8     6.1         35           19
## 6378    19.4    36.7     0.0      6.4    12.0         54           26
## 6379    21.4    28.1     0.6     12.6     4.6         44            7
## 6380    15.4    33.0     2.0      4.8    12.6         41            6
## 6381    19.8    32.2     0.0     11.6    11.1         52           17
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## 6382    18.5    26.2     0.0    15.6    12.0    57    30
## 6383    15.4    27.3     0.0    10.8    10.9    37    11
## 6384    14.0    28.0     0.0     8.8    12.4    37    20
## 6385    15.3    29.8     0.0    10.0    12.5    37    20
## 6386    17.1    34.0     0.0    12.0    11.8    33    20
## 6387    17.5    35.8     0.0    11.0    12.4    41     7
## 6388    15.5    32.7     0.0    14.6    12.4    35    13
## 6389    17.5    33.5     0.0    13.6    12.5    39     9
## 6390    19.8    37.5     0.0    10.8    12.5    37     7
## 6391    22.8    39.9     0.0    14.0     8.2    74    17
## 6392    13.3    31.3     0.0    13.8    12.5    24     9
## 6393    18.9    35.0     0.0    10.4     4.0    54    15
## 6395    13.4    31.9     0.0     8.2    12.2    33    13
## 6396    18.4    33.9     0.0    11.8    12.4    37    13
## 6397    18.9    35.9     0.0    12.8    12.4    39    15
## 6398    19.8    38.8     0.0    12.4    12.6    54    11
## 6399    22.8    41.9     0.0    13.4    12.7    44    20
## 6400    26.5    41.8     0.0    15.2    11.1    67    31
## 6401    18.7    24.8     1.6    15.2     2.4    41    11
## 6402    14.3    30.9     0.2     4.0    12.5    31    11
## 6403    17.6    34.2     0.0    10.6    11.7    35    13
## 6404    19.2    37.6     0.0    11.6    12.4    31    11
## 6405    22.6    38.4     0.0    11.4    12.9    41    22
## 6406    21.9    39.7     0.0    12.8    12.0    39    17
## 6407    27.3    39.6     0.0    17.2     5.1    57    31
## 6408    19.4    24.7    17.2    14.2     0.0    33     7
## 6409    20.3    25.4     7.2    12.4     3.4    31    13
## 6410    18.6    29.7     6.6     3.8     5.2    33    11
## 6411    21.9    32.2     0.0     3.4     8.1    39    13
## 6412    21.9    33.6     0.0     7.8    12.9    41    13
## 6413    22.3    32.3     0.0    12.2    11.2    43    19
## 6414    21.5    27.2     0.0    10.6     0.5    46    22
## 6415    19.3    26.4     1.6     4.0     2.2    30    13
## 6416    21.0    33.4     3.0     2.2     9.5    44     7
## 6417    18.1    29.8     0.0    11.4    12.7    37    19
## 6418    16.6    35.0     0.0    11.0    13.1    26    11
## 6419    22.9    34.7     0.0    10.0     7.4    85    24
## 6420    19.5    33.7     6.4     6.0     9.8    28     6
## 6421    22.7    35.7     0.0     8.8    11.0    30     7
## 6422    21.9    36.4     0.0    10.8    13.6    37    22
## 6423    23.3    37.2     0.0    12.6    11.0    33    17
## 6424    23.8    39.7     0.0    10.8    12.5    30    13
## 6425    24.8    41.6     0.0    12.6    11.6    37     4
## 6426    24.5    42.4     0.0    15.0    12.3    56    20
## 6427    25.7    37.1     0.0    16.8    11.4    46    13
## 6428    20.5    34.8     0.0    14.2    11.9    35    11
## 6429    20.6    39.4     0.0    12.8    10.3    50    17
## 6430    24.8    38.2     0.2    10.6    11.1    57    13
## 6431    21.2    29.0     0.0    13.0    12.0    43    20
## 6432    15.6    24.6     0.0    15.0    12.4    46    22
## 6433    11.3    28.8     0.0    11.2    12.9    50     9
## 6434    13.8    34.8     0.0    12.8    12.8    28     6
## 6435    20.2    40.3     0.0    11.2    13.2    30     7
## 6436    23.2    41.3     0.0    14.8    12.7    44    13
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## 6437    26.2    40.3    0.0    18.2    12.7    39    13
## 6438    21.5    38.8    0.0    17.4    12.7    33    15
## 6439    22.1    41.2    0.0    14.4    12.6    33    13
## 6440    24.2    41.3    0.0    14.6    12.0    33    11
## 6441    27.0    41.8    0.0    13.0    11.8    44    11
## 6442    22.9    36.2    0.0    15.0     6.4    39    11
## 6443    24.0    38.0    0.0     9.4     8.9    33     9
## 6444    24.0    37.4    0.0    11.0    12.2    46    24
## 6445    24.0    34.1    0.0    15.8     8.0    43    24
## 6446    23.8    32.1    0.0    11.6     5.5    39    15
## 6447    23.1    33.3    0.0    10.0     4.5    54    26
## 6448    22.7    29.9    0.0    13.2     0.8    56    24
## 6449    19.2    29.6    36.0     4.6     2.3    57     6
## 6450    19.7    26.8    7.2     2.4     2.9    39     9
## 6451    19.8    25.3    0.0     4.1     6.4    37    11
## 6453    22.7    30.4    0.0     5.0     4.2    35    13
## 6454    20.8    32.1    9.6     4.4    12.6    31    20
## 6456    23.4    35.7    0.0     8.6    12.6    24     9
## 6458    20.1    23.6    22.4     5.6     0.0    24     9
## 6459    21.1    26.5    44.0     1.7     4.0    44    19
## 6460    18.0    29.3    0.6     3.0    12.9    35    15
## 6461    18.0    30.3    0.0     8.0    12.8    30     6
## 6462    19.9    31.7    0.0     7.2    12.8    30    13
## 6463    19.3    30.7    0.0     7.8    12.7    39    17
## 6464    17.5    30.7    0.0    10.4    12.4    41    19
## 6465    20.6    32.5    0.0     7.6    12.2    30    19
## 6466    20.9    34.0    0.0     8.0    12.4    31     9
## 6467    22.0    35.3    0.0    17.0     8.9    37     7
## 6468    22.4    30.9    0.0     7.6    12.6    35    19
## 6470    19.3    33.8    0.0     9.4    12.0    37    20
## 6471    20.6    32.3    0.0    10.8    10.4    48    20
## 6472    18.7    32.5    0.0     9.6    12.1    30    17
## 6473    21.6    31.6    0.0     7.4     0.1    28     7
## 6474    19.4    27.4    0.0     4.4     1.1    48    15
## 6475    17.9    26.8    0.0     6.6     8.5    50    26
## 6476    15.8    30.4    0.0     8.0     6.3    39    22
## 6477    18.4    22.5    2.6     7.0     1.8    43    20
## 6478    18.0    27.9    12.8     0.6     3.7    33    19
## 6479    20.7    30.5    2.4     2.0     7.9    22     2
## 6480    19.1    29.4    0.6     4.8     5.1    41    19
## 6481    15.1    26.7    0.0     4.2    11.8    44    15
## 6482    14.0    26.6    0.0     7.0    10.3    35    13
## 6483    12.8    23.2    0.0     7.6    11.6    33    11
## 6484    11.0    27.7    0.0     7.4    10.4    41    13
## 6485    16.1    28.0    0.0     6.4     9.9    46    20
## 6486    16.3    28.0    0.0     7.6    10.0    43    20
## 6487    15.8    28.5    0.0     7.6     5.8    35    20
## 6488    17.3    29.6    0.0     5.4     5.7    26    17
## 6489    16.5    30.9    0.0     5.8    10.7    28     7
## 6490    17.7    30.9    0.0     7.2    11.4    30    17
## 6491    16.8    33.2    0.0     7.6    11.4    26     9
## 6492    18.8    32.6    0.0     8.4    11.3    30    11
## 6493    18.8    34.0    0.0     7.2    11.3    24     6
## 6494    18.9    34.2    0.0     8.0    10.3    33     7
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## 6495      18.5      30.3       0.0       8.6      11.4         28         13
## 6496      12.8      30.3       0.0       8.4      11.3         30          9
## 6497      13.1      32.0       0.0       8.4      11.4         31          7
## 6498      16.4      34.2       0.0       7.8      11.4         22         13
## 6499      16.3      34.8       0.0       7.2      11.2         33          7
## 6500      17.7      34.4       0.0       8.0       7.9         22          7
## 6502      23.3      32.4       0.0       8.4       2.0         50          9
## 6503      18.8      25.8       8.4       5.4       5.1         28          6
## 6504      16.7      27.7       2.6       2.4       9.1         22          4
## 6505      16.1      28.6       0.0       2.8      10.8         24          2
## 6506      12.2      29.0       0.0       5.2      11.3         26          2
## 6507      14.1      29.6       0.0       5.8       6.4         33         15
## 6508      16.7      28.6       0.0       7.2       9.3         37         20
## 6509      15.0      28.5       0.0       8.4       9.4         35         19
## 6510      17.1      20.9      12.4       8.0       0.4         44         15
## 6511      17.7      28.1      10.2       0.2       4.5         44         17
## 6512      17.5      25.5       6.4       2.2       6.0         30         11
## 6513      14.6      23.5       0.0       4.4       2.5         20          9
## 6514      17.1      26.2       0.6       2.0       8.4         30          9
## 6515      15.3      24.1       0.0       3.6       8.5         33          6
## 6518       7.9      22.9       0.0       3.8       9.2         20          6
## 6519       9.2      24.6       0.0       3.6      10.6         22          7
## 6520      11.8      27.6       0.0       4.4      10.0         30         13
## 6521      14.7      27.4       0.0       5.8      11.3         31         19
## 6522      15.6      27.8       0.0       5.2       9.5         31         22
## 6523      16.3      28.7       0.0       5.2      10.6         31         19
## 6524      14.8      27.9       0.0       5.0       9.3         24         13
## 6525      15.3      28.6       0.0       4.2       8.5         26         17
## 6526      16.2      30.2       0.0       5.4       9.5         59         11
## 6527      17.1      29.9       0.0       4.6      10.7         31         13
## 6528      18.0      30.3       0.0       5.8       1.5         46         20
## 6529      14.1      20.1       8.4       4.6       8.3         39         11
## 6530       7.6      20.8       0.0       4.0       9.3         30          9
## 6531       9.6      20.5       0.0       2.8       3.9         17          6
## 6533       8.8      22.0       0.0       3.6      10.3         26          4
## 6534       9.0      21.1       0.0       3.6       9.9         24          7
## 6535       8.4      24.5       0.0       3.4      10.6         19          7
## 6536      10.9      25.6       0.0       3.6      10.5         17          9
## 6537      11.6      27.9       0.0       4.0       9.8         33         13
## 6538      14.8      28.7       0.0       5.2       9.7         41         19
## 6539       9.8      17.8       2.8       6.0      10.1         44         20
## 6541       8.1      20.1       0.0       3.0      10.5         44          7
## 6542       6.6      22.4       0.0       3.6      10.6         44          6
## 6543       8.8      23.9       0.0       3.2      10.5         44          6
## 6544       8.6      25.5       0.0       3.2      10.4         30         15
## 6545      12.1      20.9       0.0       4.8      10.4         37          9
## 6547       3.0      17.7       0.0       3.0      10.5         26          9
## 6548       4.1      19.8       0.0       2.8      10.3         26          6
## 6551      12.5      21.6       0.0       2.4       3.3         24          6
## 6552       6.5      21.0       0.0       2.2       8.8         30          6
## 6553       7.2      21.0       0.0       2.4       8.0         20          6
## 6554      10.0      19.7       0.0       3.6       1.8         17          9
## 6555       7.9      20.1       0.0       1.6       6.5         30          6
## 6556       6.3      18.9       0.0       3.6      10.0         24          7
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## 6557     6.7    20.6     0.0     2.8     5.9     33     17
## 6558    12.4    16.7     0.4     3.8     0.1     37     13
## 6559    12.2    20.4     9.2     0.4     2.6     50      7
## 6560    10.7    18.0     4.8     1.0     3.8     30     17
## 6561    10.3    20.7     0.2     1.0     7.8     22      6
## 6562    12.1    18.6     0.0     2.4     1.5     31     11
## 6563    11.7    15.3     3.6     2.6     1.4     48     15
## 6565    11.0    15.1     4.0     0.6     0.2     24      9
## 6566     8.3    18.7     0.2     0.4     4.3     19      9
## 6567    11.7    16.1     1.8     0.6     0.5     20      7
## 6568     8.9    19.1     0.0     1.4     4.5     26      6
## 6569     7.3    19.2     0.0     1.8     8.1     28      9
## 6570     6.9    16.5     0.0     2.0     9.3     33      9
## 6571     7.2    13.8     0.0     2.4     8.2     33     15
## 6572     2.9    13.6     0.0     2.2     3.6     13      4
## 6573     2.0    15.8     0.0     0.8     8.0     24      6
## 6574     2.0    13.7     0.0     1.8     5.7     48     17
## 6575     5.2    13.1     0.0     2.0     8.8     31     19
## 6577     6.5    14.4     0.0     0.8     7.6     31      9
## 6578     2.3    14.7     0.0     2.0     8.8     20      7
## 6579     3.6    19.1     0.0     2.6     9.6     22     13
## 6580     6.5    20.4     0.0     1.4     7.8     28     13
## 6581     8.3    19.4     0.0     2.6     3.2     35     15
## 6582    11.2    19.3     5.6     3.2     4.2     41      7
## 6584     4.0    17.4     0.0     1.8     8.0     24      7
## 6585     9.5    17.0     0.0     1.8     0.2     28      6
## 6586    10.0    18.0     0.0     0.6     4.4     22      6
## 6587     6.1    18.3     0.0     1.8     6.1     31     15
## 6588     9.5    18.7     0.0     2.2     5.8     37     24
## 6589     9.2    20.6     0.0     2.0     9.4     33     17
## 6590    10.0    22.0     0.0     3.0     7.7     39     20
## 6591     9.9    13.6     8.6     2.8     7.0     33     11
## 6593     1.0    11.6     0.0     1.4     8.2     19      4
## 6594     0.0    12.7     0.0     1.4    10.6     24      7
## 6595     1.6    16.2     0.0     1.6     8.5     28      7
## 6596     3.9    16.9     0.0     1.8     6.6     26      9
## 6597     7.4     9.4     1.0     2.2     0.2     35     13
## 6598     2.0    11.9     6.6     0.2     5.5     26      9
## 6599     1.0    13.8     0.0     1.0     7.7     24      6
## 6600     2.8    15.3     0.0     1.6     3.7     26     13
## 6601     4.4    11.3     0.0     1.6     5.4     35     19
## 6602     2.9    13.4     0.0     1.0     3.3     22      9
## 6603     3.9    17.0     0.0     1.2     8.7     30     11
## 6604     5.5    17.8     0.0     2.2     8.8     31     15
## 6605     8.5    20.0     0.0     2.4     3.2     52     28
## 6606    12.0    18.4     0.2     3.2     2.7     22      6
## 6607     7.4    19.8     0.0     1.0     7.6     24     15
## 6608    11.7    17.4     0.6     2.0     0.0     41     17
## 6609     7.4    14.9    27.8     1.0     8.5     56     19
## 6610     7.9    14.6     0.0     2.0     6.4     43     20
## 6611     2.9    13.8     0.0     3.2     8.7     20      6
## 6612     2.2    16.4     0.0     1.6     9.7     19      9
## 6613     4.2    17.5     0.0     1.4    10.1     20      9
## 6614     6.3    15.7     0.0     1.4     3.6     31      6
```

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## 6615     2.1    12.8     0.0     2.0     8.3     30      6
## 6616     2.4    13.2     0.0     2.2     7.2     26      6
## 6617     1.3    14.5     0.0     1.2     8.9     24      9
## 6618     0.9    15.9     0.0     2.2     9.1     26     13
## 6619     5.2    16.7     0.0     2.6     3.9     22      9
## 9059    16.1    31.4     0.0     7.4    11.4     54      7
## 9060    22.8    24.7     0.0     8.0     0.2     56     35
## 9061    20.0    24.1     4.6     3.4     0.2     35     20
## 9062    14.8    25.0     0.8     3.0    12.6     24      7
## 9063    15.5    27.3     0.0     6.6    13.1     41      7
## 9064    19.8    30.2     0.0     5.4    13.4     54     24
## 9065    22.7    29.6     0.0     8.0     9.8     56     20
## 9066    22.7    29.2     0.0     6.4     1.9     44      9
## 9067    19.5    21.4     7.8     4.2     0.2     56     26
## 9068    16.9    24.2     3.2     2.6    12.0     30     20
## 9069    13.7    25.5     0.0     6.2    12.2     26     13
## 9070    17.5    27.4     0.0     5.6    12.0     31     11
## 9071    17.7    27.0     0.0     5.6    10.8     28     15
## 9072    16.9    27.4     0.0     6.6    13.2     43     13
## 9073    19.1    32.2     0.0     7.6    13.2     61     31
## 9074    21.0    27.5     0.0     7.8    10.8     39      6
## 9075    19.0    21.3     6.4     4.8     0.3     50     19
## 9076    14.8    23.1     7.2     1.6     2.8     28     17
## 9077    14.3    25.9     0.0     4.0    11.2     44      7
## 9078    20.2    28.5     0.0     5.4     8.0     59     17
## 9079    22.2    30.8     0.0     6.8     3.6     48     17
## 9080    22.6    28.2     0.2     3.8     0.7     48     24
## 9081    22.2    29.4     0.0     1.6     9.9     50     17
## 9082    23.6    30.6     0.0     6.0    11.4     56     24
## 9083    22.1    25.6     0.0     7.0     0.0     41     19
## 9084    20.1    27.1     6.0     9.2     8.0     31     20
## 9085    20.8    27.7     3.0     4.6    10.6     30     13
## 9086    20.1    28.2     2.0     6.0    11.4     30     19
## 9087    19.8    29.1     0.4     5.2    12.5     31      6
## 9088    18.2    29.0     0.6     6.8     9.7     35     11
## 9089    20.7    28.7     0.0     5.8    10.4     33      7
## 9090    20.0    29.6     0.0     7.0    12.2     30      7
## 9091    21.6    28.3     2.4     6.8     9.0     26     11
## 9092    19.3    28.0     0.2     5.2     3.6     30      7
## 9093    21.2    29.2     1.0     3.6    10.3     31      4
## 9094    20.1    29.1     0.6     5.6    10.9     33      9
## 9095    19.1    29.4     0.0     6.4    12.6     39     15
## 9096    19.1    29.9     0.0     7.2    12.5     31      9
## 9097    17.4    29.2     0.0     7.2    12.2     31      7
## 9098    16.4    28.1     0.0     7.8    12.4     22     13
## 9099    21.0    30.0     0.0     4.2     6.6     56     19
## 9100    21.6    27.6     0.0     6.0     3.3     48     24
## 9102    18.8    23.7    16.6     5.8     0.4     65     20
## 9103    18.6    22.5    30.0     3.2     0.0     59      9
## 9104    18.3    24.8    38.6     3.4     6.2     57     28
## 9108    18.9    26.1     1.6     2.0     8.6     43     13
## 9109    19.5    27.6     4.0     3.4     6.8     24      9
## 9110    19.0    27.8     0.6     3.4    11.1     41      9
## 9111    18.6    26.8    15.8     5.6    12.0     30     19
```

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## 9113    19.4    29.1     0.0     6.4    10.9     50     17
## 9114    21.3    28.7     0.0     7.2     6.8     44     11
## 9115    18.8    26.1     2.4     4.8     4.5     50     17
## 9116    18.4    26.1     2.4     6.2    11.2     46     28
## 9117    15.1    27.3     0.0     4.6    11.5     35     20
## 9118    18.9    27.9     0.0     4.8    10.4     33     20
## 9119    21.4    26.5     0.0     5.8     2.2     33     20
## 9120    20.7    27.3    36.6     5.8     5.2     24     11
## 9121    21.1    30.4     0.6     1.8     5.0     48     20
## 9122    16.8    24.1    10.2     6.4    11.3     33     17
## 9123    13.8    26.0     0.0     4.6    10.2     35      6
## 9124    17.8    27.9     0.0     4.0    11.4     52      9
## 9125    19.6    27.5     0.0     5.4     9.3     35     13
## 9126    19.1    25.7     0.2     5.0     5.8     43     15
## 9127    19.8    27.1    24.4     8.6     9.0     35     17
## 9128    18.7    25.6     6.8     3.8     3.4     33     17
## 9129    16.5    25.5    16.8     2.8     6.1     19      6
## 9130    18.5    26.9     0.0     3.2    11.0     30      7
## 9131    18.2    28.2     0.0     6.8     9.0     50     13
## 9132    20.1    29.4     3.2     3.8     7.1     46     13
## 9133    19.5    24.9     0.8     4.2     2.8     31     13
## 9134    16.4    25.2     1.4     1.6     6.7     33      9
## 9135    19.7    25.9     0.0     4.4     6.4     30     17
## 9136    17.7    26.7     0.0     4.0     6.0     31     11
## 9137    16.3    26.8     0.0     2.2     9.4     22     11
## 9138    17.9    26.4     0.0     4.2     6.3     31     19
## 9139    17.0    25.9     0.4     3.2     9.0     33     13
## 9140    16.1    25.8     2.4     3.8    11.1     22      9
## 9141    15.5    26.6     0.0     3.4    11.1     30      7
## 9142    14.7    26.8     0.0     6.4    11.2     33     11
## 9143    15.2    26.7     0.0     3.8    11.4     39      6
## 9144    16.6    26.8     0.0     4.6     6.4     52     13
## 9145    17.7    25.3    12.0     6.4     9.7     44     24
## 9146    17.5    25.1     0.2     3.6     7.9     43     20
## 9147    18.9    22.9    11.4     4.8     0.3     69     26
## 9150    20.9    25.6    10.4     3.0     3.5     43     20
## 9151    19.9    25.3     7.4     3.4     3.4     35     13
## 9152    19.7    25.0    15.6     1.2     1.9     41      9
## 9153    19.4    23.3    17.4     3.2     1.1     35     22
## 9154    17.5    25.0     9.4     1.2     7.8     44     15
## 9155    17.9    23.6    38.0     4.4     3.4     31     13
## 9156    17.0    23.4    15.6     4.2     8.8     37     24
## 9157    16.1    22.3     9.2     3.0     1.8     31     19
## 9158    14.8    25.1     2.0     1.4     6.6     37     17
## 9159    16.1    24.8     0.0     3.2     3.1     31      9
## 9160    18.4    24.2     4.0     2.6     1.1     28      9
## 9161    18.7    21.3     9.2     1.4     0.0     24      7
## 9163    16.9    26.5     7.0     2.0    10.4     26      9
## 9164    13.3    25.6     0.0     3.4    10.5     28     17
## 9165    13.5    24.5     0.0     3.6     9.9     30      6
## 9166    13.8    24.0     0.2     4.2     9.0     56     22
## 9167    15.9    23.9     1.2     4.2     9.5     61     33
## 9168    16.5    21.4     3.4     4.0     0.5     57     35
## 9169    15.1    21.8    59.0     8.4     1.0     72     24
```

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## 9170    16.3    21.7    11.2    2.4     4.3     41    22
## 9171    16.4    22.6    29.8    4.6     9.2     31    26
## 9172    11.5    24.8     0.0    2.2     9.5     33    19
## 9173    18.5    28.6     0.0    2.4     9.8     39    20
## 9174    13.0    27.8     0.0    3.8    10.5     37    15
## 9175    10.8    19.9     0.0    3.8    10.5     28    19
## 9176     8.8    24.2     0.0    2.8    10.4     24     7
## 9177    10.5    19.6     0.0    3.2     3.1     41    19
## 9178    10.0    21.2     0.0    0.6    10.4     37    19
## 9179    13.2    22.0     0.0    3.8     4.8     30    13
## 9180    12.2    23.7     0.0    6.4     6.4     41    13
## 9181    13.2    22.3     0.0    4.8     8.8     44    17
## 9182    14.8    21.9     4.0    3.8     8.9     31    15
## 9183    12.9    22.5     1.4    1.6     4.5     39    19
## 9184    15.1    20.3    20.2    5.4     2.6     33    19
## 9185    11.6    22.3     1.2    1.8    10.0     17     6
## 9186    11.1    22.2     0.0    2.0     9.8     57    22
## 9187    11.5    21.9     0.4    3.2    10.2     35    17
## 9188    11.2    22.5     0.0    3.2     9.1     52    28
## 9189    13.9    20.8     4.2    1.0     9.4     37    20
## 9192     7.1    22.3     0.0    1.4    10.2     20     9
## 9193     5.9    23.2     0.0    2.2    10.0     30     7
## 9194     7.5    22.6     0.0    2.6     9.9     19     9
## 9195     9.5    20.8     0.0    2.2     9.2     26     9
## 9196    11.7    19.8     0.2    2.2     2.2     41    22
## 9197    15.4    19.9     4.6    7.0     0.4     50    20
## 9198    16.4    20.5     1.6    2.0     0.0     61    35
## 9199    15.4    19.5    42.8    4.0     0.0     76    41
## 9201    17.1    20.5    19.6    4.8     0.0     69    39
## 9202    17.5    21.5     3.6    2.6     0.7     48    22
## 9203    13.8    19.5     2.8    2.8     0.2     26    11
## 9204    12.5    20.1     0.4    1.2     2.7     22     9
## 9205    10.7    21.1     0.0    1.2     8.9     20     6
## 9206    11.9    20.9     0.0    1.4     9.4     22     9
## 9207    13.8    19.8     1.4    2.0     7.1     50     9
## 9208    12.7    20.0     0.0    2.4     8.5     43    17
## 9209    13.2    18.6     3.4    3.4     2.8     39    15
## 9210    10.7    19.0     0.4    1.4     3.6     33    17
## 9211    12.3    18.6    11.2    2.6     2.5     28    15
## 9212    13.5    20.1     7.4    1.0     6.9     17    11
## 9214    10.5    21.5     0.6    0.8     8.2     19     9
## 9215     8.5    19.2     0.0    1.8     9.1     30     6
## 9222     7.0    21.3     0.0    1.8     9.0     31    13
## 9223     3.6    19.0     0.0    1.6     7.9     54     7
## 9224     8.8    20.7     0.0    1.2     5.1     28     7
## 9225     7.7    19.5    10.6    2.8     9.4     33    17
## 9226     9.2    18.2     0.0    1.8     5.8     48    24
## 9227    12.4    16.0    12.2    2.8     0.0     39    24
## 9228    13.2    17.0    55.8    0.2     0.0     52    20
## 9230    14.7    19.6    12.0    0.8     0.0     54    11
## 9232    12.5    19.1    13.6    2.6     7.7     30    11
## 9233     7.7    21.4     0.2    1.2     8.3     22     6
## 9234    10.0    15.1     0.0    1.6     1.1     28     7
## 9235    10.8    19.4     0.8    0.6     2.9     17     7
```

```
## 9236    10.8    18.0     0.0      1.2     2.8       39        7
## 9237     8.6    19.5     0.0      1.0     8.4       22        6
## 9238     5.8    19.6     0.0      1.0     9.5       22        6
## 9240    10.5    23.9     0.0      1.6     9.1       41        4
## 9241     8.9    18.9     0.0      2.4     4.2       28        7
## 9242     6.5    19.3     0.0      2.0     9.3       57        9
## 9243     4.5    18.4     0.0      3.2     9.5       30       13
## 9244     3.9    18.8     0.0      1.8     6.9       35        6
## 9245     3.7    18.8     0.0      2.2     6.8       35        7
## 9246     9.1    17.3     0.0      1.4     4.7       41       19
## 9247    10.7    17.6     3.0      2.6     4.1       48       26
## 9248    10.7    16.1    15.2      3.8     5.1       50       22
## 9249    10.9    17.5    13.6      3.8     5.3       46       28
## 9250    12.0    18.2     9.0      3.8     7.1       37       20
## 9251     6.4    20.2     0.0      1.0     9.7       30       15
## 9252    10.3    23.7     0.0      1.6     9.7       35       15
## 9253    10.1    17.5     0.0      2.2     9.1       35       15
## 9254     5.1    17.9     0.0      2.4     4.5       30       13
## 9256     7.5    18.2     0.0      1.2     9.0       56       28
## 9257     5.3    17.8     0.0      2.4     9.1       24        7
## 9258     6.3    18.7     0.0      1.8     9.7       22       13
## 9259     5.0    21.8     0.0      1.8     9.8       39       11
## 9260     8.4    23.0     0.0      2.2     8.8       31       17
## 9261    15.3    23.6     0.0      3.0     5.8       39       13
## 9262    12.5    21.1     0.0      2.2     9.6       28       13
## 9263     8.1    18.0     0.0      3.4     8.4       41       22
## 9264     7.9    18.3     1.4      2.4     7.3       22        2
## 9265     8.4    18.9     0.0      1.8     2.4       37       13
## 9266    10.8    20.1     0.0      1.0    10.0       41       13
## 9267     3.8    17.8     0.0      3.0    10.6       28        9
## 9268     3.6    17.7     0.0      2.8     9.9       20        6
## 9269     6.3    20.0     0.0      1.2     9.1       35        9
## 9270     4.5    19.7     0.0      3.2    10.0       33       17
## 9272     4.6    18.1     0.0      2.0    10.2       26        7
## 9273     5.7    20.2     0.0      2.0    10.0       22        7
## 9274     7.4    20.1     0.0      1.8     9.7       35        9
## 9275     7.0    18.7     0.0      2.6     7.9       28       11
## 9276     4.8    19.0     0.0      2.8    10.0       28        7
## 9277     9.4    23.0     0.0      2.4    10.3       39       20
## 9278    11.0    18.1     0.0      3.2    10.4       54       26
## 9279     3.1    18.1     0.0      3.0     9.7       19        7
## 9281    12.6    22.3     0.0      2.8     7.9       48       15
## 9282    13.7    24.5     0.0      3.6     2.7       37        9
## 9283     8.3    21.2     0.0      2.6    10.2       28        7
## 9284     6.8    20.4     0.0      2.8    10.2       35       20
## 9285     7.1    21.9     0.0      2.8    10.4       30       13
## 9286     6.1    23.9     0.0      2.6    10.1       37        4
## 9287    11.9    29.2     0.0      2.6     2.3       50       13
## 9288     9.4    19.5     0.0      2.6    10.7       54       20
## 9289     6.6    19.3     0.0      2.8    10.5       26       17
## 9290     9.1    23.3     0.0      2.6     8.4       35       13
## 9291    10.7    26.0     0.0      2.4     9.7       46       11
## 9292    16.2    24.1     0.0      3.4     2.8       43        9
## 9293    14.3    27.9     0.2      1.8     6.8       37       13
```

```
## 9294    16.3    34.0     0.0     3.0    10.5      50      30
## 9295    14.3    31.1     0.0     5.2    10.6      35      19
## 9296     6.9    22.4     0.0     4.4    10.6      28       9
## 9297     5.0    23.4     0.0     3.8    10.6      37       4
## 9298     8.4    24.0     0.0     3.0     8.6      22       2
## 9299    12.7    26.2     0.6     2.8     6.3      48      19
## 9300    19.3    25.1     0.0     4.2     4.1      43      30
## 9301    12.6    18.8     0.2     2.2     7.3      26      11
## 9302     4.7    20.4     0.0     3.2    10.7      30      13
## 9303     7.8    21.8     0.0     3.0    10.2      35      11
## 9304    12.2    23.1     0.0     3.4     9.0      52      19
## 9305    15.8    23.6     0.6     4.4     2.3      50       9
## 9306    14.8    21.2     1.6     2.8     9.2      44      31
## 9307     9.4    21.2     0.0     4.0    10.6      20       6
## 9308    12.3    24.3     0.0     3.8     5.2      57      26
## 9309     8.8    21.8     1.8     2.2    10.4      22      11
## 9310     6.6    20.1     0.0     3.4    11.0      28       9
## 9311     5.4    21.1     0.0     3.8    10.7      30       9
## 9312     5.2    21.2     0.0     3.8    10.9      33      20
## 9313     7.9    24.1     0.0     4.0    11.1      41       7
## 9314     9.1    25.6     0.0     4.2    11.1      56       4
## 9315     8.5    26.2     0.0     4.6    10.7      35       7
## 9316    11.4    23.6     0.0     4.0    10.2      54      13
## 9317    13.7    24.6     0.0     4.2    10.8      56      26
## 9318    17.2    28.3     0.0     5.0    10.7      52      31
## 9319    16.2    26.2     0.0     6.0     9.0      43      19
## 9320    14.1    24.4     0.0     4.4     8.0      28      17
## 9321    12.8    25.9     0.0     5.0    11.2      31      20
## 9323    18.1    25.0     3.0     3.0     1.9      39      13
## 9324    17.8    24.5     2.0     1.8     1.5      69      24
## 9325     8.4    22.9     0.0     5.0    11.4      33      13
## 9326     7.2    25.6     0.0     5.0    11.2      37      11
## 9327    14.4    31.5     0.0     6.4     8.7      70      26
## 9328     7.6    22.6     0.0     7.6    11.3      56      13
## 9329     4.2    24.4     0.0     7.0    11.5      50      28
## 9330     7.9    22.3     0.0     6.0    11.2      33      19
## 9331    10.1    24.7     0.0     4.4    11.1      52      24
## 9332    12.6    31.2     0.0     5.0    10.9      48      15
## 9333    16.0    34.5     0.0     5.8    10.5      44      19
## 9334    18.2    31.1     1.4     5.8    10.3      63      11
## 9335    14.7    17.6     3.6     6.8     0.0      37      15
## 9337    10.2    21.1     1.4     1.8    11.2      28      13
## 9338    13.0    28.9     0.0     4.4    11.4      48      24
## 9339     8.1    22.8     0.0     6.0    11.9      65      22
## 9340    13.2    21.4     0.0     8.4    11.0      59      31
## 9341    12.6    20.6     0.0     7.0     9.4      37      26
## 9344    17.7    33.5     0.0     5.0    11.1      63      20
## 9345    13.3    28.5     0.0     8.0    10.4      69      15
## 9346     8.4    24.2     0.0     7.0    12.1      31       7
## 9350    12.0    22.6    10.0     6.0    11.9      28      13
## 9351    12.6    24.5     0.0     5.0    11.9      52      13
## 9354    15.6    27.9     0.0     4.4     7.0      54      22
## 9355    16.4    25.0     0.0     4.4    10.3      37      28
## 9356    15.6    26.0     0.0     5.0     9.3      63       9
```

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## 9357    17.3    20.8     2.8     4.4     0.6     57      9
## 9361    17.5    24.2     0.0     3.8    10.3     41     13
## 9362    14.7    24.0     0.0     4.8    10.9     39     15
## 9363    14.9    24.1     0.0     5.6    11.7     33      9
## 9364    14.9    25.2     0.0     5.6    12.7     50     13
## 9365    15.9    29.9     0.0     6.0    12.5     52     19
## 9367    19.4    23.8     0.4     5.2     1.5     48     17
## 9374    14.6    24.9     0.0     6.0    13.0     48     11
## 9375    17.1    25.5     0.0     6.6     3.0     37     15
## 9376    17.7    23.9    17.0     6.0     9.9     28     17
## 9377    16.9    26.6     0.0     4.0    10.4     28      4
## 9378    17.2    30.3     0.0     6.0    12.4     37     13
## 9379    21.0    26.7     0.0     4.6     5.5     52     24
## 9380    18.6    24.4     0.0     6.0     4.7     26     15
## 9381    18.1    26.3     0.0     4.0    12.2     61     30
## 9382    22.1    30.4     0.0     7.0    11.5     57     19
## 9383    20.6    30.0     0.0     5.2    11.6     54     26
## 9384    22.7    29.8     0.0     7.8    10.2     56     20
## 9387    16.4    26.4     0.0     6.4    11.5     44      9
## 9388    20.5    27.6     0.0     6.2    12.9     67     24
## 9389    21.5    28.3     0.0     7.6    10.7     52     19
## 9390    19.2    29.8     0.0     5.2     9.9     52      9
## 9391    22.3    37.7     9.8     7.6    11.3     59     13
## 9392    16.9    25.9     0.0     8.8    10.3     50     17
## 9393    16.7    23.8     0.4     6.4     9.0     50     28
## 9394    14.0    23.3     5.2     5.2     9.5     46     26
## 9395    14.7    24.9     3.6     5.0    12.1     30     19
## 9396    15.6    30.2     0.0     5.2    13.1     44     22
## 9397    19.1    27.8     0.0     8.0     8.5     69     20
## 9398    20.9    26.9     1.4     3.8     7.3     37     26
## 9399    20.4    30.2     0.0     5.4    11.7     61     19
## 9400    19.4    30.9     0.0     7.0    11.4     72     13
## 9401    22.2    26.2     0.4     6.4     0.7     54     19
## 9402    21.0    29.2     0.0     6.2     2.7     59     19
## 9403    22.0    26.7     2.4     4.8     8.5     44      9
## 9404    18.1    26.5     0.0     4.0     5.4     30     11
## 9405    17.2    27.2     0.0     4.2    11.5     37      7
## 9406    20.5    28.0     0.0     7.8     1.1     26     13
## 9410    21.6    30.6     0.0     8.0     7.9     46     20
## 9411    19.1    24.8     7.2     5.4     3.7     26      7
## 9412    21.3    24.7     0.0     3.0     3.3     44     28
## 9413    15.7    26.3     0.0     3.4     8.2     28     15
## 9414    17.9    27.2     0.0     6.6     3.7     31      9
## 9415    18.5    28.4     0.0     2.0    12.0     31      9
## 9416    18.8    28.2     0.0     5.2    12.9     46     20
## 9417    23.0    29.0     0.0     7.0     9.0     57     24
## 9418    24.2    27.4     0.0     8.8     2.0     43     22
## 9419    23.6    28.8     1.6     2.6     8.6     54     26
## 9420    23.7    26.1     0.4     5.6     1.8     48     13
## 9421    21.1    25.8    11.0     3.6     1.9     37     19
## 9422    20.8    23.0    34.2     4.2     0.0     28     13
## 9423    19.5    25.4    38.8     1.4     1.0     20      9
## 9424    21.4    28.4     0.0     2.8     2.6     52      9
## 9425    22.9    28.9     0.0     6.0     2.4     56      9
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## 9426    20.3    25.8     0.0      3.0     1.9     43     31
## 9427    21.1    25.4     1.4      3.4     2.5     35     26
## 9429    17.4    28.8     0.0      5.2     8.1     41      9
## 9430    21.3    27.4     0.0      4.4     7.4     28     15
## 9431    18.8    27.9     0.0      5.4    12.6     30     17
## 9432    19.2    28.5     0.0      5.4    13.2     41      9
## 9433    18.7    29.0     0.0      7.0    13.6     37      6
## 9434    18.9    28.2     0.0      7.0     7.1     37     19
## 9435    19.1    28.1     0.0      5.0    12.5     50     15
## 9436    22.6    28.7     0.0      8.8    12.3     65     22
## 9437    21.4    28.6     0.0      6.8     9.7     35     11
## 9438    20.1    28.4     0.0      7.0    10.9     24     11
## 9439    19.9    27.5     0.0      6.8    11.8     28     19
## 9440    20.8    30.5     0.0      6.2     8.3     43      4
## 9441    20.6    26.7     1.6      5.8    11.2     31     15
## 9442    15.4    26.2     0.0      7.0    13.1     41     20
## 9443    15.8    28.7     0.0      7.4    13.1     31      9
## 9444    18.0    31.4     0.0      9.4    11.8     30      6
## 9445    18.1    31.0     0.0      5.8    13.0     46      2
## 9446    18.5    30.7     0.0      7.0    12.9     54     15
## 9447    21.2    27.0     0.0      7.8    11.1     31     19
## 9448    20.4    28.9     0.0      6.2    11.2     52     11
## 9449    21.3    30.9     0.0      6.4    11.0     54      7
## 9450    21.9    30.6     0.0      6.8     5.3     46     13
## 9451    21.4    29.5     0.8      4.2     5.8     28     15
## 9452    20.6    27.6     2.6      5.4     5.4     35     11
## 9453    22.3    28.7     0.0      3.2     9.9     44     31
## 9454    21.6    28.2    10.8      7.4     8.4     48      7
## 9455    19.4    27.8     5.8      3.0     3.0     52     11
## 9456    20.7    26.6     3.8      5.0     2.0     46     24
## 9458    21.5    27.7    20.0      6.6     7.5     35     13
## 9459    21.7    29.2     1.2      4.2     8.4     41      9
## 9460    22.4    25.1     8.6      5.6     1.1     30      9
## 9462    19.5    27.9     1.0      6.4     9.3     28     13
## 9463    20.3    27.6    13.2      6.2     6.2     19      9
## 9464    18.7    27.4     2.8      4.4    11.5     26     11
## 9465    18.2    27.9     0.0      4.8    12.4     39     11
## 9466    20.5    31.8     0.0      7.2     9.3     54     19
## 9467    21.7    29.8     0.0      6.8    11.2     41      6
## 9468    23.5    30.4     0.0      6.2    12.1     56     26
## 9469    23.2    30.0     0.0      6.6     6.7     57     17
## 9470    20.8    25.8     9.0      5.6     7.2     33     19
## 9471    19.4    26.7     0.0      4.6    11.5     41     26
## 9472    19.8    26.2     0.0      8.0     8.9     52     28
## 9473    18.4    26.9     1.2      7.2     7.5     37     20
## 9474    19.4    25.4     2.0      3.8     2.8     24     11
## 9475    18.4    28.1     5.2      2.4    10.5     44      9
## 9476    21.2    29.6     0.0      5.2    11.8     50     20
## 9477    21.3    31.1     0.0      7.4    10.8     48      9
## 9478    19.8    24.0    13.4      8.0     1.1     41     22
## 9479    18.8    26.3     1.4      2.0     3.7     44     24
## 9480    18.4    26.5    10.6      4.4     7.0     41     22
## 9481    18.9    26.8     6.2      4.6     6.8     31     17
## 9482    19.6    28.2     0.2      4.0     3.7     39      6
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## 9483    21.4    24.5     0.0      4.0      1.0      54        17
## 9484    18.0    20.9    56.6      8.6      0.0      56        28
## 9485    17.6    24.1    45.2      2.2      0.0      44        24
## 9486    18.8    26.9     9.6      1.4      4.7      37        13
## 9487    18.3    27.1     1.4      2.4      5.3      41         6
## 9488    21.6    27.3    13.4      4.8      3.5      37        20
## 9489    21.3    27.2     0.2      1.2      2.3      35         9
## 9490    21.7    27.4     2.6      3.6      2.8      43        15
## 9491    22.0    28.1     0.0      3.4      9.1      26         9
## 9492    21.2    26.5     0.0      3.6      7.7      39        22
## 9493    18.9    21.8     2.8      7.0      1.2      54        28
## 9494    17.1    25.6    13.2      2.8      4.2      52        26
## 9495    17.0    24.8    24.0      4.6      5.7      43        17
## 9496    17.5    24.9     9.8      3.6      7.1      35        20
## 9497    16.7    25.1     0.0      2.4      6.9      35        17
## 9498    16.4    26.3     0.0      4.0      6.4      48        15
## 9499    18.1    25.5     2.0      4.2      5.3      33         9
## 9500    17.3    25.9     0.8      3.2     10.5      33        11
## 9501    19.3    27.0     0.8      4.8      9.6      35         7
## 9502    16.7    26.9     0.0      4.2     11.3      35        15
## 9503    18.0    29.4     0.0      5.6     11.2      48        15
## 9504    17.3    27.8     0.0      5.0      9.1      39        24
## 9505    20.4    26.5     0.4      5.2      3.8      26         7
## 9506    16.0    26.7     0.0      2.6     10.6      22         7
## 9507    16.4    27.3     0.0      4.6     10.8      28         2
## 9508    17.7    28.7     0.0      4.0     11.0      41        13
## 9509    18.4    28.2     0.0      5.4     11.1      41        20
## 9510    19.0    27.7     0.0      4.6      9.0      39        13
## 9511    18.1    28.0     0.0      4.8      7.5      44        11
## 9512    19.5    28.3     0.0      4.0      9.6      44        17
## 9513    19.3    23.5     0.0      4.6      1.1      37        11
## 9514    17.5    25.1    18.2      2.6      7.4      28         9
## 9515    15.6    25.5     0.0      4.2      9.4      37        20
## 9516    17.9    25.5     0.4      6.0     10.7      52        17
## 9517    17.2    24.6     1.2      7.2      7.7      48        28
## 9518    14.9    23.7     0.4      4.0     11.0      33        20
## 9519    15.5    24.5     0.0      3.4      1.4      28         2
## 9520    19.7    25.0     0.0      2.2      1.0      41        24
## 9521    20.2    26.1     0.0      3.2      2.7      50        20
## 9522    16.8    25.4     0.4      1.0      9.0      31        13
## 9523    16.6    27.2     0.0      4.0      8.9      22        13
## 9525    20.4    25.4     0.0      3.4      3.7      37        26
## 9526    15.1    24.3     0.0      4.6      9.5      33        20
## 9527    15.2    24.4     0.0      5.0     10.5      35        26
## 9528    11.9    24.5     0.0      4.2     10.6      24        13
## 9529    13.4    25.1     0.0      3.4     10.2      30        15
## 9530    16.0    23.4    10.8      5.0      7.4      37        20
## 9531    15.5    24.3     6.2      2.2      8.0      28        17
## 9532    17.0    23.8     8.6      2.2      5.0      31        19
## 9533    17.6    22.1     8.8      3.2      0.8      31        11
## 9534    16.1    24.8    11.0      1.2      8.4      22        15
## 9535    14.1    25.3     0.2      1.8     10.5      20         9
## 9536    15.1    27.5     0.0      2.8     10.4      35         6
## 9537    17.9    29.4     0.0      3.2      8.1      33         9
```

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## 9538     17.9     27.0      0.0         3.0      1.6            50            24
## 9539     14.9     22.8      7.0         4.2     10.4            48            33
## 9540      9.4     24.4      0.0         3.8      7.4            31             7
## 9541     15.0     24.4      0.0         2.4      9.9            24             4
## 9542     11.6     25.4      0.0         3.6     10.4            26            11
## 9543     10.7     23.1      0.0         3.2      9.3            31            17
## 9544     12.1     23.3      0.0         3.0      8.2            28            17
## 9545     12.9     26.5      0.0         3.0      9.0            37             2
## 9546     15.0     25.0      0.0         2.6      7.8            19             7
## 9547     15.5     20.6      8.6         2.8      0.7            20            11
## 9548     14.4     24.3      6.4         1.0     10.3            30             6
## 9549     10.9     20.2      0.0         2.8      2.2            39            17
## 9550      8.2     22.1      0.0         3.2     10.3            33            17
## 9551     11.5     23.2      0.0         3.0      9.6            33            17
## 9552     11.6     23.6      0.0         3.0      9.8            28            15
## 9553     11.6     23.0      0.0         2.8      9.7            22            11
## 9554     12.5     24.9      0.0         2.4      8.8            30            13
## 9555     10.4     20.3      1.0         2.4     10.2            44            31
## 9556      4.8     21.1      0.0         4.0     10.1            30             9
## 9557      5.3     21.8      0.0         2.4     10.0            31            15
## 9558      6.5     22.0      0.0         2.6      9.8            35            13
## 9559     10.2     22.3      0.0         3.4      7.9            39            17
## 9560     11.5     20.3      0.0         2.4      0.5            35            13
## 9561      9.7     20.1      5.0         2.4      8.7            39             9
## 9562     13.0     21.7      6.8         3.4      8.1            46            28
## 9563      9.9     21.2      0.4         2.6      8.1            30            15
## 9564     11.6     21.3      0.0         1.8      4.4            35             6
## 9566     14.6     20.7      0.2         3.6      3.4            39            24
## 9567     12.3     19.9      5.0         2.6      0.2            28             9
## 9568     16.0     23.9      0.6         2.6      6.5            30            15
## 9569     14.8     23.6      0.6         2.4      8.7            39            17
## 9570     13.6     19.7      6.8         4.8      3.5            59            24
## 9571     14.2     21.1     12.8         4.0      4.3            28            15
## 9572     13.4     23.2      1.8         0.6      2.8            35            13
## 9573      9.3     20.1      2.4         1.6      9.3            33            20
## 9574      8.0     22.0      0.0         2.2      9.7            41             9
## 9575     14.4     21.7      0.0         2.4      6.5            43            26
## 9576     14.6     16.2      4.0         3.4      0.0            33            19
## 9577     14.1     16.9     59.4         1.6      0.1            43            20
## 9578     13.9     20.7     33.4         0.6      5.8            52            20
## 9579     14.9     21.7      1.8         2.4      7.8            54            19
## 9580      8.9     19.4      0.0         3.0      9.6            43            19
## 9581     10.8     19.7      0.0         3.0      6.9            52            24
## 9582      9.9     18.9      0.0         3.0      9.6            26            13
## 9583      9.7     22.3      0.2         1.8      7.7            35             9
## 9584      4.2     17.9      0.0         2.0      8.5            37             7
## 9585      4.8     18.7      0.0         2.0      3.8            39            13
## 9586      5.3     18.0      0.0         1.6      9.6            35            13
## 9587      9.5     17.7      0.0         2.4      4.9            41            22
## 9588     12.8     16.4      4.0         1.8      0.3            33            22
## 9589      9.8     17.4      3.8         0.4      3.1            31            19
## 9590      7.5     19.7      0.8         0.8      7.5            22             9
## 9591     10.1     19.0      0.0         1.6      0.2            37            17
## 9592      8.7     20.7      0.0         1.0      8.5            33            19
```

```
## 9593      5.3    18.0     0.0        2.2     9.1        24              9
## 9594      5.3    19.0     0.0        1.8     9.5        19              7
## 9595      6.2    19.7     0.0        1.6     8.1        33             13
## 9596     13.6    17.8     4.4        2.2     2.6        41             19
## 9597     13.0    18.1    11.0        1.6     1.2        35             19
## 9598     12.2    19.1     5.2        1.0     3.6        28             13
## 9599      8.2    20.6     0.0        1.0     6.6        39             11
## 9600     10.0    21.6     0.0        1.6     3.9        39             17
## 9601     13.3    17.9     1.6        1.2     4.6        31             17
## 9602      8.6    17.4     0.0        2.2     9.5        35             17
## 9603      3.6    16.4     0.0        2.0     9.6        19              9
## 9604      1.3    16.7     0.0        1.6     9.0        22              6
## 9605      3.9    15.8     0.0        1.2     1.1        26             11
## 9606      8.3    12.9     0.0        1.4     0.0        17              7
## 9607      6.3    17.5     7.2        0.0     9.8        44             22
## 9608      8.4    18.8     0.0        3.2     9.2        41             24
## 9609      7.0    18.5     0.0        1.8     6.2        31             13
## 9610     12.3    15.9     1.2        2.0     0.1        31              6
## 9611      7.3    17.9     0.0        0.8     0.5        48             20
## 9612     12.8    18.9     4.8        2.4     2.3        50             20
## 9613     12.8    19.0     1.6        1.4     6.9        46             26
## 9614      9.4    19.3     1.8        3.0     9.5        28             13
## 9615     10.5    22.3     0.0        1.6     8.1        35             15
## 9616     12.6    20.9     0.0        2.8     7.8        20              6
## 9617     10.6    22.4     0.4        0.8     7.4        41              6
## 9618     16.4    21.7     0.0        2.2     5.8        59             15
## 9619      5.4    19.8     0.0        2.0     9.9        44              9
## 9620      5.1    18.8     0.0        3.2     9.8        33             19
## 9621      4.5    18.2     0.0        2.8     9.8        31             13
## 9622      7.0    21.7     0.0        1.6     8.7        39             15
## 9623     12.2    23.5     0.0        2.4     3.6        37             11
## 9624      7.5    17.6     9.8        2.6     9.4        41             17
## 9625     10.1    17.2     0.0        3.2     8.4        41             22
## 9626     10.2    18.3     0.0        3.0     6.8        48             19
## 9627     10.9    18.6     0.0        3.4     6.1        41             24
## 9628      9.6    18.6     0.0        2.2     5.5        30             13
## 9629     10.7    18.8     1.4        2.6     5.2        26             15
## 9630     11.8    19.0     1.4        2.0     5.8        41             22
## 9631     10.2    17.5    42.6        5.0     3.3        35             20
## 9632     14.2    17.9    52.6        5.4     0.1        50             20
## 9633     12.3    22.4    34.4        0.2     5.2        20              7
## 9634     12.0    25.3     0.0        0.6     6.1        30             13
## 9635     17.6    24.4     0.2        1.6     4.4        44             24
## 9638      4.9    20.1     0.0        3.4     9.2        74             31
## 9639      8.1    19.0     0.2        4.0    10.1        33             20
## 9640      6.4    20.3     0.0        1.2    10.1        30             13
## 9641      5.9    17.5     0.2        2.4    10.1        35             15
## 9642      5.2    18.2     0.0        4.0     9.9        46             19
## 9643      4.1    17.2     0.0        3.2    10.3        20              7
## 9644      5.4    20.8     0.0        2.2    10.3        39              9
## 9645     14.4    19.1     6.0        3.4     0.2        43             20
## 9646     16.3    21.7     7.6        0.4     4.1        41             11
## 9647      7.9    19.8     0.0        2.6    10.0        46             17
## 9648      8.2    19.5     0.0        3.6    10.6        35             13
```

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## 9650     8.5    23.8     0.0      2.8   10.5       52        22
## 9651     6.5    20.1     0.0      4.0   10.5       24        11
## 9652     8.0    17.3     0.0      3.2   10.5       33        20
## 9655    17.3    22.1     0.0      3.0    4.7       35         9
## 9656     5.0    17.7     0.0      2.2   10.7       35        19
## 9657     3.1    17.6     0.0      2.6    8.8       26        13
## 9658    10.2    17.1     3.6      2.8    0.3       48        20
## 9659     9.1    17.2     0.4      0.6    0.9       31        13
## 9660     8.6    19.7     0.0      1.0    3.9       30         9
## 9661     5.3    19.9     0.0      2.4   10.7       39         9
## 9662     6.3    21.6     0.0      3.0   10.8       33        17
## 9663     5.2    18.7     0.0      4.0    9.8       33        17
## 9664     6.5    19.8     0.0      3.6   10.8       33        20
## 9665     7.5    20.0     0.0      3.4   10.1       24        17
## 9666     8.9    20.8     0.6      3.2   10.5       41         9
## 9667    11.8    24.7     0.0      2.6   10.4       37        24
## 9668    12.4    31.2     0.0      4.8    9.2       39        20
## 9669    16.8    21.6     0.0      2.6    0.4       35        24
## 9670    17.2    23.4    16.2      1.8    1.8       59        28
## 9671    18.3    27.9    13.8      1.2   10.3       50        26
## 9672    14.2    19.7     0.0      5.8    9.0       28        19
## 9673     8.2    20.7     0.0      3.8   10.1       35        17
## 9674    12.4    19.6     0.0      4.8    4.1       37        24
## 9675     9.2    22.7     0.0      1.8    4.2       39        24
## 9676    16.5    27.3     1.6      1.8    7.5       50        17
## 9677     9.9    20.7     0.0      4.8   10.7       35        20
## 9678     7.9    23.1     0.0      4.2   10.1       43        17
## 9679    16.1    22.7     0.0      4.4    1.5       33         9
## 9680    12.4    22.2     0.2      1.0    4.4       30        15
## 9681    11.5    24.5     0.4      2.8   10.5       52        20
## 9682     5.9    20.9     0.0      4.8    8.4       31         7
## 9683     8.3    19.5     0.0      4.2    7.1       37        26
## 9684     6.2    20.9     0.0      4.0    9.6       24         9
## 9686    13.8    17.1     7.2      1.6    0.0       33        19
## 9687    14.0    20.7     6.6      0.2    3.0       30        15
## 9688    14.5    22.0     2.8      2.6    3.6       43        20
## 9689    12.5    23.7     0.0      2.0    8.1       30        11
## 9690    14.9    23.4     0.0      3.0    9.0       39         9
## 9691    15.7    25.8     0.0      3.8    7.0       52        19
## 9692    12.3    24.7     0.0      3.6    5.9       35        17
## 9693    13.0    26.7     0.0      3.8   10.1       43        11
## 9694    16.6    25.3     0.0      3.8    8.3       24        11
## 9695    14.6    21.9     6.6      3.8    8.1       52        20
## 9696    13.3    20.0     0.2      7.0    3.4       39        26
## 9698    13.6    19.2     8.0      4.2    0.4       56        20
## 9700    16.2    19.5   128.0      0.2    0.0       61        28
## 9701    17.8    21.7    61.2      6.8    4.6       52        28
## 9702    17.0    22.5    13.0      2.8    5.8       37        20
## 9703    15.6    26.6     3.6      3.4    8.8       37        15
## 9705    14.7    19.6     7.4      1.2    0.4       35        19
## 9706    14.5    19.2     2.2      2.6    0.0       46        20
## 9707    15.2    21.5    23.8      5.0    2.2       50        28
## 9708    15.8    22.8     6.2      3.0    6.3       39        24
## 9709    13.7    23.4     0.2      3.8    7.6       54        19
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## 9710    16.3    26.0     0.0     4.8     5.8      50        13
## 9711    18.8    23.6     0.0     4.0     0.3      61        24
## 9712    13.9    20.8     9.6     3.0    11.9      52        15
## 9713     4.3    18.7     0.0     6.4    12.3      31        19
## 9714     8.6    23.0     0.0     4.8    12.3      48        17
## 9715    10.0    22.3     0.0     5.6    11.4      41        28
## 9716    15.4    21.3     5.6     2.2     3.0      28        17
## 9718    14.3    23.4     0.0     4.8     8.7      48        13
## 9719    13.5    23.3     0.0     6.2    11.9      37        15
## 9720    14.8    22.7     0.0     4.4     7.4      39        26
## 9721    15.4    20.6    27.6     3.0     6.2      33        13
## 9722    14.6    22.3    10.4     3.4     5.8      35         7
## 9723    15.1    25.0     0.0     2.0    11.3      41         7
## 9724    17.2    22.8     0.0     4.4     6.3      33        20
## 9725    15.9    23.5    18.8     5.2     9.8      28         9
## 9726    17.8    24.8     0.0     4.2    11.0      54        22
## 9727    19.1    24.5     0.0     6.0     7.4      52        22
## 9728    18.9    22.2     0.0     5.6     0.3      41        17
## 9729    14.3    22.1     2.6     1.8    12.4      24        11
## 9730     9.6    22.6     0.0     4.4    11.3      24        13
## 9731    14.8    22.6     0.0     7.6     4.8      41        13
## 9732    15.2    21.0    15.8     5.2     0.9      67        15
## 9734    12.4    23.2    30.8     6.4     9.5      39         9
## 9735    17.8    26.6     0.0     3.6     9.5      57        24
## 9736    17.8    25.0     0.0     6.4     8.3      43        15
## 9737    17.4    25.4     0.0     4.4    11.1      52        20
## 9738    18.6    25.0     0.0     6.6     1.8      30        11
## 9739    15.5    26.2     1.6     2.6    11.4      56        11
## 9740    20.7    26.7     0.0     6.4    12.0      57        22
## 9741    19.9    28.0     0.0     6.6    12.9      57        20
## 9742    20.2    27.4     0.0     6.8    11.1      61        28
## 9743    18.9    25.2     0.0     7.6     2.4      39         9
## 9744    17.4    20.6    50.2     5.8     0.3      39        17
## 9745    17.6    21.2     4.4     3.2     0.0      22         9
## 9746    17.7    23.3    11.6     2.8     3.3      50        15
## 9747    15.8    23.4     4.4     3.8     3.6      41        24
## 9748    13.4    23.0     0.4     2.4     5.0      22        13
## 9749    16.7    24.5     0.2     3.8     8.3      30        17
## 9750    19.7    24.9     0.0     6.2     7.6      39        22
## 9751    17.1    24.9     6.6     6.0    11.4      35         7
## 9752    15.5    25.4     0.0     6.2    12.4      41        17
## 9753    15.5    25.2     0.0     6.0     7.1      46        17
## 9754    18.5    25.7     3.8     3.8    10.6      48        19
## 9755    17.5    25.9     0.0     8.0     5.6      52        28
## 9757    19.1    24.5     9.0     6.8     1.3      37         7
## 9760    18.7    25.0     3.4     0.2     1.7      31        15
## 9761    19.2    25.0     1.0     4.0     0.4      41         6
## 9762    19.4    23.4     4.0     2.6     0.0      22        11
## 9763    17.4    25.8     7.0     1.6     9.6      28        11
## 9764    17.6    26.1     0.6     4.6    12.5      26        13
## 9765    20.3    26.3    10.8     7.0     7.6      44        24
## 9766    21.8    29.1     0.6     5.6    11.6      63        28
## 9767    21.6    33.2     0.0     7.2     8.2      50        20
## 9768    21.7    25.3     7.6     5.6     0.3      26         6
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## 9769    20.6    27.1     8.8     0.8    11.3    30    13
## 9770    19.4    26.4     0.0     5.0     9.3    50    15
## 9771    19.8    26.3    26.8     5.8     7.1    35    22
## 9772    18.5    26.9    11.8     6.0    12.8    28     7
## 9773    20.1    29.8     0.0     6.6     5.6    35     7
## 9774    19.4    25.5    10.0     3.0     1.5    65    17
## 9775    18.0    23.7     1.0     2.4     0.4    33     7
## 9776    17.2    22.9     0.4     1.0     0.0    48     7
## 9777    17.0    26.3     1.6     1.4    11.2    63    11
## 9778     9.6    25.0     0.0     6.8    13.0    37    13
## 9779    16.2    27.0     0.0     7.8    10.0    33    11
## 9780    18.0    23.2     5.2     4.6     0.8    24    15
## 9781    19.9    24.7    19.4     0.6     0.1    46    28
## 9782    19.5    24.4    40.4    10.0     0.0    31    20
## 9783    19.9    28.3    10.6     2.2     2.6    39    13
## 9784    21.5    25.3     1.4     3.6     0.0    41     9
## 9785    18.5    22.5    30.4     5.8     0.0    50    20
## 9786    17.7    25.5    11.0     1.8    10.4    24    15
## 9787    15.9    26.6     0.0     7.2    12.9    24     6
## 9788    18.6    27.1     0.0     5.2    12.9    22     7
## 9789    17.8    27.1     0.0     6.0    13.0    52     6
## 9790    23.5    30.9     0.0     7.2    11.6    57    20
## 9791    22.2    27.6     0.0     3.0     6.3    46    15
## 9792    22.7    27.3     0.0     6.6     6.7    50    30
## 9793    19.2    25.8     0.0     5.0     1.3    48     9
## 9795    18.4    26.6    44.4     1.0     5.0    56     7
## 9796    20.0    26.8     5.6     3.4     4.8    33    20
## 9798    21.8    25.2    17.4     7.0     0.9    54    26
## 9799    22.6    26.3    18.4     3.4     0.0    44    26
## 9800    22.2    26.2    14.2     2.6     1.3    48    19
## 9801    21.1    27.1     9.8     2.4     7.1    31    11
## 9802    20.9    27.0     1.2     5.8     8.8    35    11
## 9803    19.5    27.1     0.0     5.4    10.7    35     9
## 9804    17.2    27.0     0.0     5.4    11.4    26    13
## 9805    17.4    27.3     0.0     6.8    13.0    31     9
## 9806    21.4    26.8     0.0     5.6     2.9    35    20
## 9807    21.0    28.5     0.2     1.4     4.5    59     9
## 9808    19.8    26.0    25.4     7.8     8.2    41    28
## 9809    18.9    27.0     0.8     4.0     8.7    30    19
## 9810    16.4    27.6     0.2     5.4     7.5    35    11
## 9811    16.7    26.3     1.6     5.6    12.0    28    20
## 9812    16.6    28.7     0.0     6.0     9.3    54    15
## 9813    19.9    29.1     0.0     5.2    12.9    57    11
## 9814    22.9    28.1     0.0     7.6    12.4    56    24
## 9815    22.6    30.2     0.0     7.8     9.9    57    24
## 9816    22.3    26.7     0.0     6.4     3.1    50    17
## 9817    19.1    26.6     7.6     4.0     9.9    35    24
## 9818    17.8    27.2     1.8     4.8     9.2    35    11
## 9819    19.3    30.0     0.0     4.8    12.4    56    15
## 9820    23.4    32.2     0.0     5.2    12.9    61    26
## 9821    23.9    32.3     0.0     8.8    12.8    61    13
## 9822    25.2    32.6     0.0     8.6     7.1    50    28
## 9823    22.6    30.4     0.0     5.0    12.6    44     9
## 9824    24.0    32.5     0.0     7.4    12.7    59    24
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## 9825    24.3    33.7     0.0     6.2    12.4     67    24
## 9826    18.4    23.3     3.4     9.2     1.3     54    30
## 9827    18.1    22.5     1.0     3.0     0.0     35    17
## 9828    18.5    24.8     0.0     2.4     3.3     44    22
## 9831    20.3    29.8     0.0     7.8    11.4     43     9
## 9832    23.0    27.9     0.0     5.4     3.4     33     9
## 9833    20.6    23.2    48.0     3.0     0.8     44    24
## 9834    19.2    26.4    20.2     0.0     2.1     33    19
## 9835    18.8    27.2     3.6     3.4     5.0     35    11
## 9836    20.5    28.0     0.4     4.0     8.6     37     7
## 9837    20.3    28.6     0.0     4.6    11.8     31     7
## 9838    20.3    29.9     0.0     5.8     9.2     48    13
## 9839    22.0    32.5     0.0     5.2    11.5     35     7
## 9840    23.4    26.2     8.8     6.2     1.3     56    15
## 9841    18.7    23.7    18.8     6.0     1.9     59    24
## 9842    16.4    24.3     1.6     3.4     8.0     57    24
## 9843    17.9    25.9     1.0     3.6    10.3     37    19
## 9844    16.2    27.2     0.0     5.2    11.3     28     2
## 9845    19.9    29.5     0.0     5.8     5.9     37    19
## 9846    19.8    31.7     0.0     3.8     8.7     50    11
## 9847    22.1    29.9     0.8     1.8     8.3     41     9
## 9848    21.2    32.4     4.6     4.2     8.4     98    24
## 9849    20.1    27.3     9.4     6.2     5.0     39    20
## 9850    20.4    25.8     3.6     3.8     0.4     28     7
## 9851    20.3    26.0     2.6     1.6     0.0     30     6
## 9852    20.4    22.3    24.8     2.6     0.1     70    22
## 9853    17.3    24.3    63.8     2.0     0.5     48    20
## 9854    16.4    24.8    16.2     3.4     6.5     31    13
## 9855    17.9    25.2     9.4     2.2     8.4     33    11
## 9856    18.6    26.6     0.0     3.8     6.4     37    13
## 9857    18.3    28.8     0.0     4.6     7.6     44    11
## 9858    19.1    28.6     0.0     5.4     7.7     50    22
## 9859    19.7    27.6     0.8     4.0     3.9     41    13
## 9860    18.9    27.5     0.2     2.6    10.4     33     4
## 9861    20.0    27.3     0.0     5.0    11.2     46    13
## 9863    19.7    27.9     0.0     4.6     7.2     22    11
## 9865    19.1    26.4     1.6     2.6     4.0     24     4
## 9866    20.2    23.4     0.8     2.6     0.9     24    15
## 9867    19.0    25.5     2.6     1.4     1.2     26     9
## 9868    20.4    26.4     3.2     3.0     6.6     26    13
## 9870    18.5    29.5     1.4     4.0     5.2     20     7
## 9873    16.8    26.5     0.0     5.0    11.1     54    28
## 9874    18.5    24.7     0.0     7.8     7.5     48    28
## 9875    17.3    25.1     2.0     6.0     8.2     33    15
## 9877    18.0    26.3    15.6     3.0     7.4     28     6
## 9879    15.4    23.4     2.6     3.0     8.1     48    28
## 9880    12.8    22.6     0.0     2.4     6.5     30    15
## 9881    12.3    22.2     0.0     2.6     7.6     19     4
## 9882    14.7    23.5    17.8     2.8     9.5     48    11
## 9883    16.0    22.3     0.0     3.4     9.4     56    30
## 9884    14.6    22.0     0.0     5.0     8.9     50    35
## 9885     8.9    21.7     0.0     4.0     9.9     35    15
## 9886    11.2    22.6     0.0     2.6     1.8     35    15
## 9887    12.2    21.2     0.0     1.4     4.7     31     7
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## 9888    12.1    19.8     3.6     1.2     7.4    59    26
## 9889     5.2    19.3     0.0     3.4    10.1    20    11
## 9890     5.9    19.6     0.0     2.8     9.9    30    11
## 9891     5.1    21.6     0.0     2.6     9.9    24    11
## 9892     6.4    19.5     0.0     2.4    10.0    33    20
## 9893     9.2    19.9     0.0     2.8    10.0    39    20
## 9894     6.5    20.2     0.0     2.0    10.1    20     7
## 9895     6.2    21.0     0.0     2.4     9.2    31    13
## 9896    11.8    21.6     0.8     3.0     7.2    39    20
## 9897    13.7    21.7    17.8     2.0     8.8    26    17
## 9898    10.4    21.1     0.0     2.8     1.6    26     6
## 9899    11.3    22.2     8.8     1.6     8.4    24     6
## 9900    11.2    20.6     0.0     2.0     0.3    35     4
## 9901    16.1    18.8     0.6     1.4     0.0    43    13
## 9902    10.5    21.8     5.0     0.4     8.2    39     7
## 9903     8.8    17.8     0.4     2.0     6.2    61    19
## 9904    12.2    19.7     1.8     3.4     9.3    56    30
## 9905     8.9    20.6     0.0     2.4     9.5    31    11
## 9906    12.6    19.5     0.0     3.0     7.3    31    20
## 9907     8.5    19.4     0.0     1.6     8.2    46    13
## 9908    11.2    14.2    26.2     3.2     0.0    48    15
## 9909     5.8    19.4     6.6     1.4     8.2    43     6
## 9910    13.6    20.1    36.8     6.8     2.2    76    35
## 9911    15.0    19.1    15.2     2.6     4.3    57    26
## 9912    10.5    20.9     5.5     2.0     9.5    41    15
## 9913     7.5    21.5     0.0     1.8     9.6    19     6
## 9914     8.9    20.1     0.0     1.6     7.2    19     7
## 9915     9.7    20.1     0.0     1.2     9.9    35     9
## 9916     5.3    19.1     0.0     2.2     3.8    41     9
## 9920     7.2    16.6     0.0     4.8     0.0    41    24
## 9921    12.6    15.6    25.2     1.8     0.0    57    22
## 9924    11.8    19.3    27.4     3.4     4.6    48    11
## 9928     6.2    19.2     0.0     2.0     9.7    37    13
## 9929     4.3    18.1     0.0     1.6     9.5    26     4
## 9930     5.3    21.0     0.0     1.6     9.5    35    13
## 9931     8.0    17.9     0.0     2.4     9.4    37    26
## 9932     2.7    19.3     0.0     1.8     9.4    19     7
## 9933     5.6    18.7     0.0     1.6     3.4    22    13
## 9937     8.5    17.1     0.8     5.0     0.2    39    11
## 9938    12.8    18.4     7.4     0.8     1.7    46    17
## 9939    12.4    17.5     5.8     1.8     1.6    50    24
## 9941    12.6    18.6    20.2     2.2     9.2    37    20
## 9942    10.3    21.1     1.6     2.0     6.8    30     9
## 9943     8.6    23.3     0.0     1.6     9.6    31    15
## 9944    11.2    20.6     0.0     2.0     9.6    41     9
## 9945     3.3    17.0     0.0     3.2     9.6    33     9
## 9946     7.2    20.0     0.0     2.0     9.6    37     9
## 9948     0.6    18.7     0.0     1.8     9.6    28     7
## 9949     0.8    17.5     0.0     1.6     9.5    20     9
## 9950     2.5    20.7     0.0     1.2     9.7    28     2
## 9951     1.7    17.9     0.0     1.6     9.7    17     7
## 9952     3.5    16.6     0.0     1.8     0.5    15     4
## 9953     9.3    16.1     1.4     0.2     2.4    31    17
## 9954    10.1    16.4     0.0     1.6     2.1    46    20
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## 9955    10.9    14.8     5.2     7.6     0.2     31     15
## 9956     9.7    18.2     4.6     1.2     8.2     28     17
## 9957     9.2    19.2     1.0     1.2     8.0     19      6
## 9958     5.9    17.9     0.0     1.8     8.9     39      9
## 9959     6.2    20.8     0.2     2.0     7.3     59     20
## 9960    14.3    20.5     0.0     4.4     9.8     57     30
## 9962    13.0    18.4     0.0     2.8     8.7     56     37
## 9963     9.9    17.7     0.0     3.8     8.7     37     20
## 9964     4.9    19.7     0.0     2.8     8.8     22      2
## 9965    10.0    20.9     0.0     2.2     9.4     30     19
## 9966     4.9    18.1     0.0     2.4     9.8     33     13
## 9967     6.7    18.6     0.0     2.6     8.9     37     22
## 9968     5.1    19.1     0.0     2.2    10.1     24      7
## 9969     6.0    19.4     0.0     2.2     7.8     26      7
## 9970     7.9    20.6     0.0     1.8     9.4     28     11
## 9971     5.6    19.7     0.0     2.0    10.0     37      6
## 9972     6.6    20.8     0.0     1.6     9.5     33      6
## 9973     8.5    21.3     0.0     2.0    10.2     37      9
## 9974     8.6    21.7     0.0     2.6    10.0     41     11
## 9975    10.6    22.1     0.0     2.6    10.0     43     17
## 9976    10.8    23.3     0.0     2.8     6.8     33     19
## 9977    12.7    22.5     0.0     2.6     8.7     44     17
## 9978    10.8    20.0    19.6     4.2     8.1     35     11
## 9979     6.2    17.7     0.0     3.2     5.7     33     13
## 9980     3.2    17.4     3.4     1.6     9.4     30      7
## 9982     7.2    20.2     0.0     2.6     9.7     56     22
## 9984     9.6    20.0     0.0     3.6     5.5     57     13
## 9985     6.3    19.1     1.8     1.8    10.2     37     17
## 9986     9.4    19.4     0.0     2.4     7.6     28      9
## 9987    11.1    17.4     1.6     2.2     0.5     54      9
## 9988    14.6    19.0     0.8     1.4     6.7     52     24
## 9989     4.2    18.2     0.0     2.0     9.3     28      7
## 9990     7.5    19.6     0.8     2.2     6.3     56     30
## 9991    12.0    19.5    52.4     5.8     3.7     54     20
## 9992    11.8    19.3     4.4     2.8     4.8     54     26
## 9993    12.6    17.9    20.2     4.2     0.7     43     17
## 9994    13.1    20.2    19.0     2.0     8.3     39     19
## 9995    11.9    20.3     0.0     2.8     8.3     26     13
## 9996     9.2    21.7     0.0     3.0    10.8     17      4
## 9997    12.0    17.4     0.2     3.4     0.7     30     13
## 9998    12.2    20.9    25.0     0.6    10.7     35     17
## 9999    11.1    22.7     0.0     2.4     9.6     43      6
## 10000   11.7    20.7     4.0     2.2     0.2     56      7
## 10003   12.5    19.9     6.6     3.6     9.9     48     35
## 10004   11.9    19.4     0.2     4.2     8.6     35     20
## 10005   10.3    20.7     0.0     3.8     8.2     30      9
## 10006   10.2    20.8     0.0     4.0    10.9     39      6
## 10007   11.2    22.5     0.0     3.0    10.6     44     24
## 10008   11.6    24.9     0.0     4.0     8.7     35     17
## 10009   10.9    21.7     0.0     2.8     7.2     35     17
## 10010   15.4    18.2     1.0     3.8     2.4     43     20
## 10011    8.6    19.0     3.0     1.4    10.3     57     24
## 10012    6.0    19.4     0.0     4.2    10.5     26      9
## 10013    7.2    19.0     0.0     4.2     8.1     59     31
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## 10014     6.6    20.6     0.6      3.4    11.0       39         6
## 10015     6.1    22.2     0.0      4.0    11.1       30         9
## 10018    11.7    28.6     0.0      4.8    11.2       28        13
## 10019    10.2    32.2     0.0      5.0     9.8       33        19
## 10020    15.4    23.6     0.0      6.0     9.8       44        19
## 10021    13.0    29.4     0.0      3.0    10.8       63        26
## 10022    10.7    21.2     0.0      6.4    11.2       43        26
## 10023     9.3    23.1     0.0      5.4    11.2       46        15
## 10024    12.1    27.8     0.0      5.2     9.8       39        24
## 10025    12.9    22.4     0.0      2.4     4.2       37        22
## 10026    16.0    19.2     5.4      3.2     1.6       72        15
## 10027    12.9    20.8     9.0      3.0     8.9       63        35
## 10028    10.3    20.6     1.2      5.0     9.8       30        20
## 10029    10.3    22.3     0.0      4.0     6.8       50        22
## 10030    15.9    21.0     1.4      2.8     4.0       52        22
## 10031     8.2    21.6     0.8      2.8    11.0       41        13
## 10032     8.0    20.8     0.0      5.4     4.8       50         7
## 10033    10.8    18.4    11.6      2.6     3.7       52        28
## 10034    11.4    18.9    21.6      3.2     7.0       52        28
## 10035    11.7    21.2     0.0      4.0    10.6       54        26
## 10036     9.6    19.9     0.0      5.8     6.9       28        19
## 10037    12.7    20.4     0.0      3.2     0.6       31         9
## 10038    13.3    21.1     0.0      0.2     7.9       24        13
## 10039    13.9    22.4     1.6      3.4     2.5       31         4
## 10040    11.5    22.9     5.8      2.4    10.3       33         6
## 10041    12.0    22.1     0.0      3.8    10.4       30         7
## 10042     9.9    23.7     0.0      4.4    11.2       28         9
## 10043    11.6    23.0     0.0      5.2     9.2       37        13
## 10044    16.5    19.4    34.2      6.4     0.6       37        20
## 10045    15.7    21.1    55.0      2.8     4.4       30        11
## 10046    16.9    21.4     3.8      1.8     0.2       30         9
## 10047    12.5    25.2     0.2      0.4    12.2       30         6
## 10048    15.9    21.9     9.8      5.4     7.5       44        17
## 10049    14.6    20.6     0.0      5.4     2.1       41        20
## 10050    13.1    21.4     0.6      3.0    11.0       31        20
## 10051    10.6    22.4     0.0      5.4    11.6       30         6
## 10052    13.2    23.3     0.0      3.8    11.8       44        13
## 10053    13.4    24.0     0.0      5.8    12.0       46        20
## 10054    13.9    23.9     0.0      5.4    11.4       48        22
## 10055    13.9    25.7     0.0      5.4    12.1       57        24
## 10056    16.2    29.4     0.0      7.2     9.4       50        19
## 10057    17.2    19.4    19.0      3.6     0.6       50        24
## 10058    14.6    20.5     8.2      1.8     0.0       37        24
## 10059    15.7    23.7     6.6      1.6     4.7       26         9
## 10060    15.3    26.1     0.0      3.6     9.4       50        17
## 10061    17.7    26.5     0.0      5.0     8.2       39        15
## 10062    17.5    22.7     2.6      4.4    10.1       56        35
## 10063    15.3    22.4     0.0      7.0     7.9       33        24
## 10064    14.8    24.6     0.0      5.4    12.3       41         9
## 10065    17.2    23.4     0.0      5.0     7.4       37        13
## 10066    16.5    22.7     2.2      4.4     0.3       24        15
## 10067    15.0    24.3     0.0      1.4    10.5       50        11
## 10068    15.7    27.2     0.0      6.2    10.1       56        11
## 10069    19.5    27.5     0.0      5.4     4.5       44         6
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## 10070    17.7    27.1     0.0     4.0    11.9    56    17
## 10071    18.9    28.8     0.0     7.0     8.6    46    17
## 10072    18.3    31.5     0.0     5.0     7.7    33    17
## 10073    18.7    23.7     0.0     5.2     2.2    41    28
## 10074    18.4    24.7     0.0     4.4     5.1    43     4
## 10075    20.0    24.7     0.6     3.0     1.8    46     9
## 10076    18.1    27.3    14.6     2.6    10.9    50    19
## 10077    17.6    25.1     0.0     5.2     9.0    35    19
## 10078    18.2    29.0     0.0     5.0     8.1    54    13
## 10079    20.6    24.9     0.0     5.0     3.5    28    15
## 10080    18.8    27.9     0.0     3.8     3.8    37     9
## 10081    19.1    28.2     0.2     4.0    13.0    57    19
## 10082    21.0    30.0     0.0     8.0    11.9    57    35
## 10083    21.2    26.9     0.0     7.2    10.1    37    24
## 10085    18.9    23.6     0.0     6.8     1.6    48     7
## 10086    17.1    22.0    56.8     7.0     0.0    41    22
## 10087    18.0    24.4    59.0     4.0     0.0    44    19
## 10088    20.9    27.5    23.8     2.6     3.2    48    26
## 10089    17.9    33.6     0.6     1.0    13.2    37    20
## 10090    19.6    25.9     0.0     7.2    13.8    39    20
## 10091    21.5    27.2     0.2     6.4     7.2    43    15
## 10092    21.2    27.6     0.0     4.8    11.2    56    15
## 10093    19.6    20.1     0.0     7.4     0.0    61    33
## 10094    15.6    23.2     5.4     2.2     8.6    52    35
## 10095    14.9    22.3     0.4     6.8     7.4    39    19
## 10096    13.3    25.2     0.0     5.4    12.7    41    13
## 10097    14.9    19.6     2.4     6.4     0.7    50    28
## 10098    15.2    20.2     0.6     4.4     0.0    39    22
## 10099    13.1    22.8     0.6     2.4     0.0    37    19
## 10100    16.6    24.4    42.6     0.4     8.6    35    19
## 10101    16.6    24.0     0.0     5.4     7.6    28    15
## 10103    16.6    25.3     3.4     1.6     6.9    54     9
## 10105    14.9    24.0     4.8     2.6     9.0    35    15
## 10106    17.5    23.6     0.0     6.2     5.7    35    20
## 10107    15.6    22.4     2.6     5.8     1.1    33    19
## 10108    16.0    24.2     0.0     4.0     9.5    35    17
## 10109    16.1    23.7     0.0     6.6    10.0    37    20
## 10110    13.4    23.8     0.0     7.4     8.4    31    13
## 10111    16.6    27.2     0.0     5.2     8.1    54    17
## 10112    19.6    27.5     0.0     5.2     7.8    46     7
## 10113    19.7    25.9     0.6     5.2     7.3    37    22
## 10114    19.3    24.8    13.8     6.2     4.7    26    11
## 10115    17.9    26.4     0.8     3.6     4.7    30     9
## 10116    19.0    26.0     5.0     5.6     8.2    31    15
## 10117    17.7    26.1     7.2     5.2    10.9    28    17
## 10118    16.4    25.9     0.0     6.6    11.4    26    11
## 10119    19.6    27.7     0.0     5.8    10.4    72    20
## 10120    17.6    25.8     1.0     8.2    10.1    56    28
## 10121    18.1    25.5     0.0     7.8    10.0    57    30
## 10122    17.8    25.9     0.0     8.0    11.9    44    30
## 10123    17.1    24.4     8.8     8.0     1.4    37    17
## 10124    16.9    25.4     1.2     3.0    11.8    26    15
## 10125    15.7    25.8     0.0     6.4    11.6    31     9
## 10126    17.0    26.3     0.0     7.0    12.3    44    13
```

```
## 10127    19.6    28.6      0.0      7.4    10.0       56        24
## 10128    21.3    26.5      0.6      7.6     6.4       31         9
## 10129    18.4    27.6      0.0      5.0    10.6       56         7
## 10130    18.3    26.1      0.0      7.6     9.0       28        15
## 10131    21.4    29.2      0.0      5.8    12.8       61        19
## 10132    23.5    30.8      2.0      7.2     6.1       41         7
## 10133    21.1    27.7      2.6      4.2     9.6       30         7
## 10134    19.5    31.8      0.0      6.6     9.1       48        11
## 10135    17.0    24.6      0.0      8.0    12.3       63        30
## 10136    15.7    25.2      0.4      8.8     9.8       31        15
## 10137    17.8    26.7      0.0      7.0     4.2       41        22
## 10138    18.0    25.2      0.0      4.0     1.5       39        13
## 10139    18.5    25.8     11.6      2.0     8.4       48        24
## 10140    19.3    25.0     10.4      6.0     1.4       50        28
## 10141    20.0    26.6     62.4      4.9     9.0       33        20
## 10142    21.0    27.7      0.0      7.0    11.3       37        20
## 10143    20.4    27.5      0.6      7.2    11.2       41        26
## 10144    19.9    27.2      0.0      5.2     7.4       33        20
## 10145    19.7    26.4      0.0      5.0     5.4       50        28
## 10146    20.0    24.4     28.0      5.2     0.2       52        35
## 10147    20.6    25.8     12.0      3.0     0.1       43         7
## 10148    21.3    23.5     31.6      2.8     0.1       57        26
## 10150    21.1    25.3    112.0      3.6     0.0       37        22
## 10151    20.4    25.0     11.0      2.0     0.0       28        17
## 10152    19.9    26.1      6.2      2.2     1.1       43         4
## 10153    21.4    26.8      3.8      2.8     0.0       54        22
## 10154    23.2    30.8      0.2      2.0     5.5       48        24
## 10156    19.6    26.7     19.2      1.6     9.8       35         9
## 10157    18.7    25.2      0.8      5.2     3.0       20         9
## 10158    17.3    26.9      0.0      2.0    10.7       20         7
## 10159    17.6    26.8      0.2      5.4    11.3       24        13
## 10160    18.6    28.0      0.0      6.6    10.7       26         7
## 10161    22.6    27.5      1.4      4.2     7.5       41        11
## 10162    20.0    27.1     12.8      6.2     6.5       41        20
## 10163    20.1    26.6     14.4      5.2     9.3       35        22
## 10164    18.0    26.0      0.2      7.0     9.2       30         4
## 10165    19.7    28.2      3.8      4.4     5.0       61        15
## 10166    18.1    26.7     18.0      4.2     9.1       98        15
## 10167    18.7    26.6     45.2      9.6     7.2       56        11
## 10168    17.8    25.8      0.2      5.6    11.9       35        24
## 10169    19.2    26.4      0.4      5.6    10.2       30        19
## 10170    17.2    25.8      0.0      6.0    11.4       26        15
## 10171    17.2    26.3      0.4      5.6    11.0       30         7
## 10172    16.7    27.4      0.0      5.0    10.3       30         6
## 10173    17.2    27.2      0.0      7.0    10.1       22         7
## 10174    20.6    28.9      0.0      4.4     9.8       50         9
## 10175    21.0    27.6     40.4      9.4     6.0       50        15
## 10176    19.8    25.9      0.4      5.0     6.5       30        13
## 10177    19.4    25.9      0.0      4.0     8.9       26        15
## 10178    17.6    26.5      0.0      5.0     9.4       30        15
## 10179    19.3    27.4      0.4      5.8     5.9       26        13
## 10180    19.6    27.4      0.2      4.2     6.5       35        11
## 10181    18.9    27.4      0.0      5.7     4.9       43        17
## 10182    21.4    30.2      0.0      2.6    11.0       56        19
```

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## 10183    20.3    30.9     0.0     6.2    10.6    33     4
## 10185    19.9    25.5     0.0     7.2     4.5    48    26
## 10186    19.0    22.8    20.8     4.8     0.9    39    13
## 10187    19.3    26.5     4.4     0.2     2.8    35     9
## 10188    22.4    30.5     0.4     2.2     6.6    50    17
## 10189    18.7    23.3     5.8     5.0     0.9    54    26
## 10190    17.9    24.3     3.8     2.4     9.1    54    28
## 10191    13.4    26.8     0.0     5.4    11.3    50     7
## 10192    14.3    27.2     0.0     4.8    11.7    28    11
## 10193    14.6    27.0     0.0     5.8    10.9    30    13
## 10194    19.6    25.3    10.2     6.0     6.4    28    11
## 10195    17.7    22.2     0.0     4.0     0.7    22    13
## 10197    18.0    25.4    12.8     3.0     5.5    26     7
## 10199    19.3    26.9    17.4     1.4    10.2    33    13
## 10200    19.8    27.3     0.0     5.2     1.5    44    11
## 10201    20.2    25.3     0.4     2.4     7.7    63    35
## 10202    17.3    25.0     6.2     6.2     5.2    57    30
## 10203    20.5    26.2    11.2     3.4     7.1    43    20
## 10204    19.5    23.3     9.6     4.0     0.4    30     9
## 10205    19.5    25.2     2.6     2.2     0.7    26    13
## 10206    19.4    28.4     0.6     1.6     9.1    30     6
## 10207    16.0    23.3     0.0     6.0     9.8    35    19
## 10208    17.4    24.9     0.0     6.0     8.8    28    15
## 10209    17.4    24.0    16.8     3.8     6.0    19    11
## 10210    14.9    24.9     1.0     1.6     8.3    37     6
## 10211    17.0    24.7     3.4     5.2     3.0    35     6
## 10212    14.3    24.7     0.4     1.8     9.6    20     9
## 10213    16.0    25.0     0.0     3.6     9.0    33    11
## 10214    16.1    25.0     4.4     4.4    10.7    33    17
## 10215    16.6    25.7     0.0     4.8    11.0    39    20
## 10216    18.2    26.1     0.0     6.0    10.3    56    19
## 10217    14.9    26.5     1.0     4.4    10.3    35    20
## 10218    15.3    25.4     0.0     5.0     9.5    24    13
## 10219    15.4    25.6     0.0     3.2     9.5    28    17
## 10220    16.2    24.9     0.0     4.8     9.8    26    17
## 10221    14.5    26.6     0.0     4.0     8.4    28     6
## 10222    18.2    26.3     0.0     3.4     8.5    43     7
## 10223    18.3    27.0     0.0     4.2     7.0    48    17
## 10224    14.6    21.0     4.4     4.8    10.8    54    37
## 10225    14.8    22.2     0.0     7.0     8.6    52    37
## 10226    14.5    22.7     3.8     4.4     6.8    54    20
## 10227    15.1    23.3     1.0     3.0     6.2    33    22
## 10228    17.9    23.5     2.8     2.8     4.6    35    13
## 10229    17.2    23.8    14.4     2.4     2.8    24    13
## 10230    17.7    24.8     0.4     2.2     7.0    31    19
## 10231    17.5    19.8    18.4     4.2     0.0    35    13
## 10232    16.6    22.7    45.8     1.8     4.3    30    13
## 10233    17.7    24.4    19.6     0.8     4.1    37    24
## 10234    17.9    25.9     6.4     2.0     3.2    37    15
## 10236    15.0    25.4     0.0     2.6     7.7    26     4
## 10237    17.1    28.4     0.0     1.8     8.0    43     6
## 10242    15.8    19.7     6.2     1.0     0.2    28     9
## 10243    15.7    23.3    10.0     1.4     4.3    56    28
## 10244    15.3    21.3    14.0     3.6     5.5    43    17
```

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## 10245   13.7   21.8    4.6    2.8    2.3    28   13
## 10246   12.9   22.6    1.2    1.6    5.5    30   13
## 10247   15.3   24.5    0.6    2.2    3.6    28   11
## 10248   13.9   21.8    6.8    1.2    4.3    37   17
## 10249   14.8   22.2    0.0    2.8   10.0    37   26
## 10250    9.2   22.2    0.0    3.2   10.4    28    7
## 10251    8.7   21.2    0.0    3.2    7.9    19    2
## 10252   10.1   21.4    0.0    1.8   10.4    30   15
## 10253    9.1   23.0    0.0    2.8   10.2    17    6
## 10255   11.6   24.9    0.0    2.0   10.2    24   11
## 10256   11.0   25.7    0.0    2.0    8.9    54    7
## 10257    8.3   21.3    4.6    2.2   10.1    33   13
## 10258    7.9   18.7    0.0    3.2    9.8    37   19
## 10259    6.8   20.3    0.0    3.2   10.1    31   19
## 10260    6.9   21.1    0.0    2.8    7.2    37   17
## 10261    9.0   20.8    2.8    2.2    8.6    28   13
## 10262    8.1   21.1    0.0    2.0    9.7    19    7
## 10263    8.3   21.7    0.0    2.2    9.7    19    2
## 10264    8.6   21.2    0.0    1.6    9.5    28    4
## 10265    9.0   21.3    0.0    3.0    8.5    22   11
## 10266   11.7   23.1    0.0    1.4    8.5    26    9
## 10268   13.5   23.9    0.0    2.0    7.4    48   13
## 10269   18.2   19.6    0.2    2.2    0.0    41   28
## 10270    5.9   19.2    1.0    1.2   10.0    30    6
## 10271    5.7   18.7    0.0    2.2    9.8    33   15
## 10272   11.1   20.0    0.0    2.6    7.0    52   30
## 10273   13.6   20.2    1.0    3.4    5.9    44   26
## 10274   13.6   17.0   20.4    2.6    1.0    39   24
## 10276   10.5   20.3    1.0    0.4    6.9    28   17
## 10277   11.6   19.6    0.0    2.2    0.1    17    4
## 10278   14.8   20.1    1.6    1.0    0.7    17    7
## 10279   12.1   21.4   15.0    1.8    8.4    26    4
## 10280    7.2   16.7    0.0    2.2    7.8    43   11
## 10281    5.9   18.2    0.0    2.2    7.0    67   39
## 10282   12.6   18.8    0.0    3.0    8.5    48   31
## 10283    8.2   18.1    0.0    2.6    9.5    33   20
## 10284    6.9   18.0    0.0    2.2    9.0    33   13
## 10285    8.9   15.8    0.0    2.2    0.0    41   17
## 10286   12.0   14.8   28.0    2.4    0.0    52   26
## 10287   13.0   18.4   51.8    1.4    3.0    54   30
## 10288   13.6   18.3   30.0    2.8    3.6    48   22
## 10289   13.2   19.9    1.6    0.0    9.1    37   22
## 10290    7.9   22.2    0.0    1.6    9.4    30    2
## 10292    9.0   20.8    0.0    1.6    9.5    37    9
## 10293    5.1   19.1    0.0    2.4    9.5    33    6
## 10294    6.3   18.1    0.0    1.6    9.5    46    4
## 10295    4.8   18.7    0.0    1.4    9.4    26    6
## 10300    2.4   19.5    0.0    1.4    9.5    30    6
## 10301    4.8   18.5    0.0    1.6    1.5    46   20
## 10307    3.5   18.3    0.0    2.0    9.7    37   11
## 10308    3.0   17.0    0.0    2.0    9.5    33   17
## 10309    2.9   17.5    0.0    1.8    8.4    41   13
## 10313    8.1   17.9    1.0    1.6    9.2    31   15
## 10314    8.0   18.4    0.0    2.0    4.9    22    7
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## 10315    11.9    18.9    8.4     1.8     0.8     39      11
## 10316    13.9    22.7    0.8     0.2     7.2     44      19
## 10321     4.2    16.8    0.0     2.4     9.9     30      11
## 10323     9.5    18.3    1.8     1.4     1.4     20      11
## 10325    11.2    18.7    0.0     3.6     7.0     61      33
## 10327    12.3    17.2    0.0     4.8     2.1     69      31
## 10328    12.1    18.0    1.4     1.2     4.2     56      30
## 10329    11.2    18.9    4.4     2.4     5.3     48      28
## 10330     9.5    18.9    0.6     2.2     9.5     26      13
## 10335     5.7    17.8    0.0     2.8    10.1     41      19
## 10336     9.2    17.7    0.0     3.8     9.7     44      22
## 10337     4.0    17.0    0.0     2.6    10.1     31      13
## 10341     3.8    21.2    0.0     2.4    10.4     31       7
## 10342     4.0    22.9    0.0     3.0    10.1     33      13
## 10343     2.2    17.1    0.0     2.8    10.0     26       6
## 10344     3.1    20.3    0.0     2.4    10.2     28       6
## 10349    11.9    18.5    0.0     4.4     5.5     46      17
## 10350     5.5    19.8    0.0     2.2     8.7     24       6
## 10351     4.0    22.4    0.0     2.2    10.4     33       9
## 10355     3.9    18.7    0.0     4.0    10.5     26       9
## 10363     7.6    18.6    0.0     3.8    10.6     37      20
## 10364     8.0    19.7    0.2     4.0    10.1     26       4
## 10365     8.5    23.1    0.0     2.6    10.6     54      22
## 10369     5.1    19.1    0.0     6.2    10.5     37      26
## 10370     8.0    20.0    0.0     3.8    10.9     22       7
## 10371     5.4    23.7    0.0     3.0    10.7     39      11
## 10372    10.3    24.7    0.0     3.2    10.7     54      11
## 10377     8.2    21.4    0.0     4.2    10.3     39      11
## 10378     9.7    24.5    0.0     2.8    10.5     30       9
## 10379     9.9    23.3    0.0     3.0    10.4     46      15
## 10383     8.2    21.2    0.0     8.8    10.4     33      13
## 10384    11.4    24.1    0.0     3.4     7.6     50      15
## 10385    13.1    22.1    8.4     4.4     5.7     44      17
## 10386    11.2    25.2   21.2     3.6    10.7     31       9
## 10392    13.0    20.7    3.4     3.0     9.6     30      19
## 10393    15.4    22.1    0.2     4.6     6.2     30      11
## 10397    15.5    19.5    0.0     5.0     9.9     33      24
## 10398    11.1    20.6    0.2     5.0     5.0     28      17
## 10399    13.0    21.5    0.0     4.0    10.9     46      33
## 10400     8.6    22.0    0.0     6.2    11.4     37      13
## 10405    14.1    20.3    0.0     6.4     8.0     30      20
## 10406    10.9    24.5    0.8     2.8    10.9     43      19
## 10407    10.9    25.3    0.0     7.4    11.6     59      26
## 10411     8.9    21.0    0.0     5.0     7.1     37      13
## 10412     7.8    21.8    8.0     2.6    10.8     33       7
## 10413    11.4    25.8    0.2     4.4    12.1     56      17
## 10414    14.9    32.9    0.0     5.2    11.6     54      20
## 10419    17.1    24.2    0.4     2.4     8.2     76      26
## 10421    13.5    22.0    0.4     6.4    11.4     35      24
## 10425    15.1    22.8    0.0     6.0     7.4     48      31
## 10426    13.6    22.0    4.6     6.4     2.9     30      15
## 10427    13.5    23.4    0.0     4.0     5.6     28       7
## 10428    12.2    25.2    1.0     1.6    11.9     39       9
## 10433    16.1    26.7    0.2     4.2     8.8     52      20
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## 10434    17.8    25.6     0.0     6.6    12.1    54    26
## 10435    19.5    27.1     0.0     7.0     8.8    65    30
## 10436    20.7    27.1     0.0     6.0     8.8    65    28
## 10439    14.4    22.1    38.0     3.0     5.8    41    20
## 10440     9.8    22.8     0.6     5.6     9.2    33     6
## 10441    13.6    26.5     0.0     4.2    13.0    54     9
## 10442    17.9    24.9     0.0     6.4     6.7    41    17
## 10447    13.7    23.4     0.0     4.0     8.4    50    30
## 10448    13.5    24.0     0.0     6.2    10.3    63    33
## 10453    20.5    28.0     0.0     4.0     8.8    61    24
## 10454    18.8    28.0     0.0     4.8    10.7    59    26
## 10455    20.7    28.1     0.0     7.0     5.1    44    24
## 10456    20.9    26.6     0.0     4.0     5.1    50     6
## 10464    19.0    27.3     0.0     7.0     7.6    30     9
## 10465    19.1    27.5     1.2     5.8    11.8    26    13
## 10466    18.1    33.9     0.0     6.6    13.3    63    20
## 10467    21.1    37.7     0.0     8.0     8.8    59    24
## 10472    20.5    21.5    19.4     5.4     0.0    57    26
## 10473    17.6    25.0    13.8     1.6     0.8    31    22
## 10474    17.0    27.6     0.0     2.0    12.1    44    20
## 10478    20.6    23.0     3.8     7.4     0.0    35    20
## 10479    20.2    25.9     2.0     0.8     0.0    35    22
## 10480    20.0    28.5     2.6     1.6     9.9    50     6
## 10481    21.5    28.4     0.0     6.2     6.7    33    15
## 10488    21.5    26.4     0.2     2.8     9.0    35    15
## 10490    22.0    23.4     0.2     5.4     0.0    31     9
## 10492    19.0    25.9    36.0     1.8     1.2    41    19
## 10493    20.5    24.4    13.8     2.6     0.2    48    24
## 10494    20.8    26.1     3.8     5.4     8.5    39    19
## 10495    18.9    25.7     0.0     6.2     5.6    35    11
## 10500    18.8    26.4     0.6     5.6     7.7    28    15
## 10501    18.0    25.3     2.0     4.0     3.3    31    19
## 10502    18.7    25.9     0.6     3.2     8.6    30    17
## 10506    18.9    27.3     0.0     4.4     7.6    65    15
## 10507    17.4    23.4     0.0     9.0     6.9    43    22
## 10508    16.7    24.0     9.4     3.4     6.0    31     9
## 10509    15.5    23.9     3.2     4.0     2.3    33    15
## 10515    19.8    27.6     0.0     4.0     9.1    30     7
## 10516    18.7    27.3     0.0     5.0     6.6    37     6
## 10520    19.9    27.0     0.0     4.8     3.0    35    19
## 10521    15.4    24.2     6.2     2.6     6.1    48    15
## 10522    17.2    25.4     1.0     3.0    10.2    28    15
## 10523    16.0    25.6     0.0     3.6     9.0    70     9
## 10528    13.2    23.4     0.6     3.6     9.8    30    15
## 10529    14.7    23.5     1.6     3.8     9.4    35    17
## 10530    15.3    22.6    51.2     6.8     4.7    31    13
## 10534    14.1    24.8    12.8     1.2     9.2    26    11
## 10537    14.7    22.8     7.6     0.4     6.8    26    17
## 10542    15.7    26.4     0.0     3.0     9.3    37    11
## 10543    10.6    25.4     0.0     3.6    10.9    20     9
## 10544    12.1    23.7     0.0     3.0    10.4    24     2
## 10548    14.5    26.0     0.0     4.0    10.3    31     7
## 10549    13.4    26.9     0.0     2.6    10.2    22     7
## 10550    15.2    25.4     0.2     3.2    10.3    33     7
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## 10551   14.7   27.1    0.0    3.2    9.9    33   13
## 10556   12.5   21.6    0.0    5.0    9.6    39   22
## 10557   13.9   20.3    9.8    4.6    3.4    35   20
## 10558   11.5   21.8    1.8    1.8    7.7    50   15
## 10562   13.6   21.8    7.6    2.0    7.1    24   15
## 10563   13.1   24.2    0.8    1.8    4.1    35    2
## 10564   15.7   22.3    0.0    1.8    1.4    24    9
## 10565   10.7   19.9    0.4    1.2    7.5    20   15
## 10570    4.9   18.0    0.0    3.8    6.0    22    7
## 10571    5.4   22.7    0.2    0.4    6.7    20    9
## 10572   11.6   16.1    0.0    2.4    0.5    22    7
## 10576   12.0   21.4    0.0    7.6    9.5    35   17
## 10577    8.1   21.4    0.0    1.4    9.9    56   13
## 10578   14.1   20.7   16.4    4.4    5.1    31    9
## 10579   10.1   21.5    0.2    0.4    6.3    28    6
## 10584   13.8   19.2    4.0    2.8    7.2    67   31
## 10585   12.3   20.9    0.0    4.0    7.6    41   26
## 10586    9.2   21.6    0.0    3.4    3.4    20    7
## 10591   13.5   21.5    0.0    0.6    1.5    28   11
## 10598    5.3   18.8    0.0    0.8    8.2    33    7
## 10599    5.5   18.9    0.0    1.8    9.5    31   13
## 10600    6.6   18.0    0.0    2.6    8.6    50   24
## 10604    7.2   18.5    0.0    3.6    9.0    31   17
## 10605    7.3   18.5    0.0    2.0    8.1    28   11
## 10606    3.9   16.2    0.0    2.6    5.9    28    9
## 10607    4.5   20.1    0.0    2.4    5.7    69    7
## 10612   13.1   19.3   45.6    1.6    1.3    65   28
## 10613   13.8   18.2   42.6    2.6    4.6    52   31
## 10614   14.5   20.1    0.0    0.8    9.3    30   17
## 10618    4.3   17.1    0.0    5.6    9.5    31   13
## 10619    3.8   17.8    0.0    2.0    9.4    22    7
## 10620    5.0   18.1    0.0    3.0    8.0    46   24
## 10621   11.0   15.9    2.0    2.0    0.3    33   11
## 10626    9.2   20.1    0.0    1.0    1.7    24    2
## 10627   13.6   22.3    0.0    0.8    4.3    35   15
## 10628   11.4   23.2    0.0    1.4    9.4    41    6
## 10632    4.6   17.8    0.2    1.0    8.7    24    6
## 10633    8.3   17.6    0.0    2.0    4.6    28    4
## 10634    4.2   18.3    0.0    1.6    7.7    28   15
## 10635    6.2   19.1    0.0    2.4    9.8    63   33
## 10640   11.9   21.2    2.0    0.6    4.2    22   15
## 10646    4.9   20.1    0.2    3.8   10.1    30    7
## 10647    4.7   20.2    0.0    2.2   10.0    30    7
## 10648    4.4   23.5    0.0    1.8   10.1    28    4
## 10649    6.6   25.1    0.0    2.8    8.8    33   20
## 10654   10.4   28.7    0.0    1.8    8.8    46   13
## 10655    7.7   21.6    0.0    4.0   10.5    26   19
## 10656    9.2   21.4    0.0    3.2    3.7    33    9
## 10660    6.7   21.0    2.4    3.2   10.6    30    7
## 10661    6.0   22.7    0.0    2.8   10.6    30   15
## 10662    8.8   18.6    0.0    3.6   10.5    44   26
## 10663    4.2   17.2    0.0    4.8   10.7    37   20
## 10668    8.6   23.5    0.0    3.6   10.9    22    2
## 10669    8.2   22.5    0.0    2.8   10.1    24    9
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## 10670     7.9    25.0     0.0      2.8    10.2        35         2
## 10675    14.4    22.0     0.0      4.4     8.2        26        17
## 10676    12.7    21.9     0.0      2.2    10.2        26        13
## 10677    12.0    21.5     0.2      4.2    10.4        22        13
## 10682    14.7    24.2     0.0      4.0    10.5        54        11
## 10683    14.0    29.0     0.0      4.0    10.1        48        26
## 10684    16.0    24.1     0.0      4.8    10.6        31        20
## 10688    15.9    23.4     0.0      4.0     9.4        39        22
## 10689    15.7    22.9     1.8      5.4     1.3        65        17
## 10690    16.4    23.6    14.4      1.8    10.9        52        19
## 10691    11.9    24.5     0.0      2.8     9.7        35        15
## 10696    11.9    27.8     0.0      3.6    11.2        46        28
## 10697    17.3    27.9     0.0      5.0     4.9        37        13
## 10703    12.1    28.4     0.0      5.4    11.0        63        26
## 10704    17.5    32.1     0.0      5.4     8.5        59        31
## 10705    15.5    24.5     0.0      6.0    10.8        50        19
## 10710    11.5    25.2     0.0      5.2     7.9        56        19
## 10711    15.2    23.2     0.0      7.0     8.2        50        11
## 10712     9.7    24.3     7.0      5.0    11.3        39         9
## 10716    20.4    32.0     0.0      6.0     3.0        41        28
## 10717    17.2    24.0     0.6      4.6    10.0        61        31
## 10718    11.4    21.8     0.0      8.0    11.9        31        24
## 10719    12.9    26.2     0.0      6.6    10.9        63        19
## 10725    18.5    28.8     0.0      6.4    12.3        56        22
## 10726    17.9    30.4     0.0      6.8    10.8        61        19
## 10731    15.6    25.7     0.0      6.0     7.8        61        24
## 10732    17.9    31.5     0.0      4.0     5.3        63        13
## 10733    15.6    23.3    14.4      5.2     8.9        52        37
## 10739    13.6    23.1     0.0      9.2     5.7        48        20
## 10740    16.5    23.0     0.0      6.2    10.7        28        19
## 10745    16.7    26.5    34.8      3.2     7.8        83        17
## 10747    17.9    26.5    29.0      4.8     9.5        59        20
## 10753    13.5    25.3    12.2      2.4    12.8        52        19
## 10754    17.3    25.0     0.0      6.8    10.6        31        24
## 10759    14.9    24.7     0.2      4.8    11.5        50         9
## 10760    15.6    23.6     7.4      6.6    12.2        57        31
## 10761    15.4    23.7     0.0      4.6    12.8        31        19
## 10773    19.2    28.7     0.0      7.2    10.5        61        22
## 10774    20.6    27.7     0.4      5.8     1.0        35        13
## 10775    19.5    26.3     0.0      3.2     7.0        37         9
## 10781    17.9    24.8     0.6      3.6     9.7        26        13
## 10782    15.8    25.5     0.0      7.0    12.6        26        13
## 10787    21.1    29.4     0.0      8.0     9.7        59        26
## 10788    19.7    24.5     0.0      7.0     2.8        43        24
## 10789    19.7    23.8     0.6      2.8     0.2        28        19
## 10795    17.2    26.7     0.0      4.6    10.2        33         9
## 10796    18.6    26.5     0.0      6.0    11.1        50        13
## 10801    21.8    31.2     0.0      7.6    12.5        31         7
## 10802    19.9    21.5     0.2      8.0     0.9        31        13
## 10803    17.3    22.4    10.4      2.8     0.6        35        17
## 10809    18.3    27.1     0.0      3.8    12.2        24        13
## 10810    17.8    28.1     0.0      7.4    12.6        33         9
## 10816    21.3    28.5     0.0      6.2    11.2        52        13
## 10829    17.0    27.2     0.0      6.6     8.8        31         7
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## 10830    17.3    28.1     0.0      4.4    11.6        35        13
## 10831    17.7    20.5    10.8      6.8     1.2        52        31
## 10837    17.7    27.3     0.0      6.8    12.3        30         9
## 10838    18.2    27.9     0.0      5.4    12.2        35        13
## 10843    19.5    26.0     7.8      3.6     0.7        41        20
## 10844    21.3    27.5     0.0      4.0     5.3        31         4
## 10845    23.8    30.9     0.0      2.2    11.6        63        20
## 10850    17.8    25.7     0.8      6.6     7.6        31        20
## 10851    19.4    26.4     9.0      3.4     8.4        26         9
## 10852    18.6    28.8     0.0      5.0    10.1        52        20
## 10857    19.0    26.2     5.0      3.0     9.9        31        17
## 10858    16.6    25.9     0.0      4.6     7.8        30         7
## 10865    18.5    25.8    10.2      3.4     7.5        37        15
## 10866    17.2    26.0     3.6      3.6     9.1        28         6
## 10870    18.4    32.3     0.0      7.4     6.2        57        19
## 10871    17.1    25.7    11.7      4.4    11.1        26        17
## 10872    16.9    27.5     0.0      4.4     9.7        43         9
## 10879    17.5    24.4    16.8      3.4     0.9        15         7
## 10880    20.2    25.4     5.8      1.0     0.2        39         9
## 10884    19.2    26.2     0.4      1.4     7.1        26         9
## 10885    20.1    25.8     5.6      4.4     8.2        28        15
## 10886    18.6    26.1    15.4      3.4     7.1        28         2
## 10887    19.1    27.1     0.0      4.0     9.7        33        13
## 10893    17.6    24.7     0.0      4.6     4.2        33        20
## 10894    17.0    25.2     0.0      4.0     9.6        22        11
## 10898    16.8    25.1     0.0      4.8    10.0        54        15
## 10899    17.5    21.0     1.0      5.0     0.7        43        20
## 10900    16.6    23.6    29.2      1.8     6.0        43        19
## 10901    15.6    24.4     0.0      2.8     8.1        48        19
## 10906    13.0    24.6     0.0      3.0     9.5        24         4
## 10907    14.4    28.2     0.0      2.8    10.0        37         9
## 10908    15.8    27.3     0.0      3.8     8.2        37         9
## 10912    17.7    25.2     0.0      2.6     2.5        50        20
## 10914    14.8    23.5     2.6      2.8     8.3        39         6
## 10915    15.8    23.0     0.0      3.8     3.2        35        19
## 12068    16.4    38.7     0.0     12.2     9.3        54        15
## 12069    22.3    30.3     0.0     11.2     3.0        30        19
## 12070    21.2    33.3     0.0      6.2    11.7        46        22
## 12071    16.4    33.5     0.0     11.2    13.3        39        20
## 12072    19.2    34.5     0.0     12.6    13.4        35        19
## 12073    21.3    36.8     0.0     10.8    12.4        33        24
## 12074    22.2    34.5     0.0     10.0     7.6        39        26
## 12075    23.7    36.4     0.0      8.6     7.7        46        24
## 12076    20.4    34.3     0.0     12.0     6.8        69        26
## 12078    18.2    33.0     3.4      8.6    11.8        76        24
## 12079    21.5    34.6     0.0      8.0     9.8        41        26
## 12080    21.2    35.9     0.0     10.4    13.1        43        19
## 12081    19.5    35.0     0.0     13.4    13.2        39        24
## 12082    20.5    36.1     0.0     12.2    13.2        43        30
## 12083    21.1    40.1     0.0     12.8    12.9        48        22
## 12084    15.0    35.6     0.0     16.8    13.3        57         9
## 12085    18.5    33.3     0.0     13.8    12.2        48        24
## 12086    19.7    31.6     0.0     12.2     3.7        52        30
## 12087    22.1    33.6     0.0     10.4     5.2        44        30
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## 12088    23.8    32.5     0.0      8.8     0.7      76      28
## 12089    20.5    24.5    47.6      9.2     0.0      48      26
## 12090    21.1    32.1    23.0      1.6     6.8      22      13
## 12091    23.2    35.5     0.0      5.2    10.9      28      15
## 12092    24.4    36.0     0.0      8.0     9.0      57      13
## 12093    22.7    34.4     5.4      7.2    13.1      43      22
## 12094    21.3    33.4     0.0      8.8    13.2      44      20
## 12095    20.3    33.7     0.0     10.2    13.1      41      13
## 12096    19.1    33.6     0.0     10.0    13.2      61      17
## 12097    20.2    33.6     0.0     10.0    13.0      48      24
## 12098    19.6    33.7     0.0     10.8    13.0      44      19
## 12099    19.5    35.1     0.0      9.8    11.8      48      17
## 12100    21.1    33.4     0.0     12.6    11.3      33      22
## 12101    20.4    34.7     0.0      8.0    11.4      52      17
## 12102    20.3    35.0     0.0      8.4    12.3      37      24
## 12103    22.1    36.8     0.0      9.6    12.6      35      17
## 12104    22.8    37.4     0.0     10.2    12.3      33      17
## 12105    19.7    36.1     0.0     11.6    12.8      44      20
## 12106    19.8    36.1     0.0     11.2    12.9      30      19
## 12107    20.0    40.5     0.0     10.6    12.7      31      11
## 12108    27.3    37.6     0.0     12.8     1.9      59      28
## 12109    20.8    31.9     7.0      9.8    12.1      48      11
## 12110    16.1    33.4     0.0     10.2    12.3      54      26
## 12111    19.4    25.5     0.0      9.8     3.8      69      30
## 12112    16.6    20.0    29.2      8.2     0.4      56      24
## 12113    16.9    25.5    51.4      7.4     3.8      37      15
## 12114    17.9    28.4     0.0      3.6     8.3      57      13
## 12115    17.4    27.9    55.8     13.6     8.2      35      24
## 12116    18.5    30.0     0.0      4.0    10.4      52      13
## 12117    19.4    31.4     0.0      6.0    12.5      28      13
## 12118    19.6    31.8     0.0      5.4    10.3      33      11
## 12119    19.7    32.4     0.0      6.6    10.9      48      13
## 12120    19.8    32.6     0.0      6.6    12.3      41      20
## 12121    19.1    32.1     0.0      7.8    12.3      33      17
## 12122    19.6    32.4     0.0      7.4    11.6      30      15
## 12123    21.9    31.6     0.0      7.6     8.6      46      15
## 12124    17.8    32.8     0.0      7.2    12.3      31      24
## 12125    18.6    30.7     0.0      7.8    12.0      37      19
## 12126    14.2    33.6     0.0      8.6    11.9      39      26
## 12128    16.3    34.6     0.0      9.8     6.4      28      13
## 12129    19.3    35.4     0.0      7.0     9.6      33      20
## 12130    23.8    34.2     0.0      8.4     5.5      59      31
## 12131    10.9    26.2     0.0     11.0    11.6      57      26
## 12132    10.5    27.5     0.0      9.2    11.8      31       4
## 12133    10.7    30.9     0.0      6.8    11.8      28      17
## 12134    14.7    32.6     0.0      9.0    11.8      43      20
## 12135    17.9    32.5     0.0      8.0    10.8      50      19
## 12136    17.1    31.8     0.0      9.6    11.5      52      22
## 12137    16.0    32.5     0.0     10.0    11.3      48      22
## 12138    17.6    29.0     0.0      9.8     4.5      41      24
## 12139    18.1    31.8     0.0      5.8    11.7      30      19
## 12140    17.8    31.7     0.0      7.4     7.7      37      15
## 12141    19.9    33.9     1.6      6.4    10.4      43      30
## 12142    16.2    28.9     0.0      9.4    11.0      50      20
```

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## 12143    11.1    27.6     0.0    11.2    11.5    39    11
## 12144    10.5    31.8     0.0     7.6    11.5    37    19
## 12145    16.8    33.0     0.0     6.6    10.8    31    15
## 12146    17.6    32.8     0.0     8.2    10.1    35    15
## 12147    16.6    31.7     0.0     8.0    11.1    52    15
## 12148    15.8    31.3     0.0     7.8    11.3    28    15
## 12149    15.7    32.7     0.0     7.8    11.3    35    13
## 12150    16.8    33.0     0.0     7.6    11.4    37    19
## 12151    17.5    31.3     0.0     8.2    11.4    35    24
## 12152    15.2    32.3     0.0     7.6    11.2    35    20
## 12153    17.2    33.7     0.0     7.0    10.4    46    20
## 12154    14.0    30.6     0.0     9.6    11.1    44    13
## 12155    14.2    30.9     0.0     7.8    11.4    39    11
## 12156    15.6    30.9     0.0     8.6     7.9    43    19
## 12157    18.2    23.4     0.0     8.4     0.2    48    22
## 12158    16.9    30.6     0.6     3.6    10.5    41    13
## 12159    17.1    30.7     1.0     5.2     6.5    44    17
## 12160    19.2    31.7     0.4     5.4     9.4    35    19
## 12161    18.3    25.1     0.0     5.8     4.1    54    13
## 12162    17.5    29.9    22.6     7.0     8.8    33    11
## 12163    14.3    30.1     0.0     6.8    11.1    30     6
## 12164    14.3    29.7     0.0     6.0    11.1    35    22
## 12165    14.8    28.2     0.0     6.8    10.7    35    24
## 12166    13.1    28.2     0.0     6.6    10.3    33    13
## 12167    14.8    28.1     0.0     6.2     6.0    41    24
## 12168    16.9    25.0     0.0     4.6     1.5    33    17
## 12169    16.4    24.0     0.2     4.2     0.0    35    17
## 12170    17.6    21.9    19.2     3.0     0.3    30    15
## 12171    17.5    26.2     4.8     2.0     6.7    30    11
## 12172    13.6    26.7     0.2     2.8     8.8    39     2
## 12173    11.7    28.9     0.0     5.4    11.1    30    15
## 12174    13.7    29.8     0.0     5.0    10.1    50    17
## 12175    10.7    26.9     0.0     6.4    10.7    39    17
## 12176    10.1    26.7     0.0     6.0    11.0    46    15
## 12177    11.1    25.6     0.0     7.6    10.9    41    15
## 12178     9.5    26.6     0.0     5.8     9.6    37     9
## 12179    10.8    26.3     0.0     5.6    10.7    33    15
## 12180    11.2    26.1     0.0     5.6    10.8    31    24
## 12181    10.8    29.9     0.0     4.0     6.6    54    24
## 12182    13.0    25.2     0.0     5.4    10.1    43    19
## 12183    14.1    25.1     0.0     6.0    10.6    50    31
## 12184     6.8    20.5     0.0     6.6    10.7    48    13
## 12185     4.8    23.7     0.0     4.6    10.6    39     6
## 12186     8.0    23.6     0.0     4.8     8.0    35    13
## 12187     4.8    19.3     0.0     4.2    10.9    37    11
## 12188     3.5    23.5     0.0     5.2    10.2    30    15
## 12189     8.4    24.7     0.0     4.6     9.6    26    13
## 12190     9.4    24.4     0.0     3.8     6.3    31    20
## 12191    10.6    24.9     0.0     3.6     9.1    33    11
## 12192     9.1    24.3     0.0     4.6    10.5    30    17
## 12193     9.1    25.1     0.0     4.8    10.1    33    17
## 12194    10.0    24.8     0.0     3.8    10.2    28    13
## 12195     7.6    25.3     0.0     3.8    10.5    22     4
## 12196     9.7    24.3     0.0     4.4    10.4    28    15
```

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## 12197     6.2   24.7    0.0     4.0   10.4      33        13
## 12198     8.8   23.6    0.0     5.2   10.5      28        17
## 12200     5.3   22.8    0.0     2.8    9.3      35         9
## 12201     2.6   22.1    0.0     4.0   10.3      48         9
## 12204     4.5   20.6    0.0     4.0    8.2      37         9
## 12205     7.2   23.9    0.0     4.8    3.9      41        26
## 12206    13.4   15.7    4.8     2.4    0.1      37        28
## 12207    13.2   15.9   22.0     2.6    0.0      37        13
## 12208    12.9   17.3    8.8     4.8    0.0      41        11
## 12209    12.5   23.5    7.4     1.4    5.7      44        31
## 12210    10.3   25.3    0.2     4.2   10.1      39        19
## 12211    11.1   23.7    0.0     4.2    9.8      37        11
## 12212     9.3   23.1    0.0     3.6    9.9      30        17
## 12214     8.6   23.1    0.0     3.4    9.1      28        13
## 12215     8.2   23.1    0.0     2.4    5.4      28        11
## 12216     9.0   19.9    2.8     1.6    5.9      28         2
## 12217     5.4   20.5    0.0     2.2    9.2      31         7
## 12218     8.6   20.2    0.0     2.6    0.8      31         9
## 12219    10.0   17.9    0.0     3.0    0.0      28        17
## 12220    12.3   20.4    0.2     2.2    0.0      31        11
## 12221    10.6   21.6    0.0     2.0    4.2      33        13
## 12222    12.4   20.7    2.2     1.8    4.8      30        17
## 12224     4.7   20.7    0.0     2.8    8.7      26        17
## 12225     8.9   17.5    0.0     2.0    8.2      43        22
## 12226     9.5   19.2    0.0     2.6    8.6      43        17
## 12227     6.0   17.1    0.0     4.0    8.5      48        17
## 12228     6.1   14.4    0.0     2.8    8.3      48        24
## 12229    -1.4   12.9    0.0     2.0    9.5      35        15
## 12230    -2.3   17.3    0.0     6.4    8.3      19         9
## 12231     2.6   19.7    0.0     2.4   10.3      35        26
## 12232     2.5   20.5    0.0     4.0    9.7      33        17
## 12233     8.3   20.4    0.8     1.8    8.8      30        11
## 12234     5.1   19.5    0.0     2.8    9.7      33         6
## 12235     3.1   21.2    0.0     3.6    9.6      30         6
## 12236     6.2   21.1    0.0     3.0    9.2      37         6
## 12237     5.7   21.7    0.0     3.2    7.2      39         9
## 12238     5.5   21.4    0.0     3.0    4.8      33         7
## 12239     9.9   20.6    0.0     3.2    1.9      35        13
## 12240    10.7   21.8   13.4     2.2    9.8      22        13
## 12241     7.5   21.3    0.0     2.4    9.7      26        15
## 12242     7.2   21.2    0.0     2.0    6.6      20        15
## 12243     3.9   18.5    0.0     1.4    2.9      19         9
## 12245     9.3   17.7    1.6     1.0    4.0      35        11
## 12246     9.7   15.2    0.6     1.2    2.0      39        13
## 12248     6.0   20.7    0.0     3.0    5.9      39        13
## 12249     9.4   24.1    0.0     3.4    7.6      41        13
## 12250     3.3   17.5    0.0     3.4    9.7      39        11
## 12251     8.1   16.3    0.0     4.0    8.2      56        30
## 12252     1.7   14.3    0.0     4.2    6.4      50        17
## 12253     3.5   15.7    0.0     2.8    4.8      37         9
## 12254     0.3   17.6    0.0     2.0    4.9      35        11
## 12256     5.2   20.3    0.0     2.0    9.3      35        11
## 12257     2.3   19.0    0.0     3.0    9.8      28         2
## 12258     3.0   20.1    0.0     3.8    9.2      35        13
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## 12259      3.8     20.3      0.0       3.6     10.0        26        19
## 12260      3.0     22.5      0.0       2.8     10.0        30        20
## 12261      9.0     19.5      0.0       3.2      6.9        39        15
## 12262      9.1     16.4      4.0       3.2      8.0        28        15
## 12263      4.3     15.4      0.0       3.0      1.9        44        13
## 12264      7.3     13.2      5.0       1.6      1.2        50        17
## 12265      0.9     15.2      0.4       1.2      9.6        30        17
## 12266      2.0     18.4      0.0       1.6      9.9        28        13
## 12267      2.1     17.8      0.0       2.0     10.2        26        13
## 12268      2.2     20.8      0.0       3.0     10.0        35        13
## 12269      5.8     23.8      0.0       3.2      9.7        39        28
## 12270     11.7     19.7      0.0       4.0      0.7        39        24
## 12271     10.3     18.4      2.2       1.4      9.1        39        13
## 12272     -0.4     17.9      0.0       3.6     10.3        31         6
## 12273      3.6     19.9      0.0       3.0     10.2        30        15
## 12274      8.4     19.7      0.0       3.2      3.3        41        22
## 12275      4.9     16.2      0.0       2.4      9.1        41        22
## 12276     -0.3     17.3      0.0       3.2     10.4        33        13
## 12277      0.8     17.4      0.0       3.2     10.3        37         9
## 12280      1.7     18.1      0.0       4.0     10.2        33         7
## 12281     -0.6     20.3      0.0       3.0     10.3        17        11
## 12282      0.4     19.1      0.0       2.6     10.4        31         7
## 12283      1.6     19.6      0.0       3.2     10.2        26        13
## 12284      1.3     20.7      0.0       2.6     10.3        20         7
## 12285      2.1     22.0      0.0       3.2     10.4        28        11
## 12286      6.5     24.8      0.0       3.4     10.6        43        20
## 12287      0.3     19.0      0.0       5.0     10.5        41         9
## 12288      1.1     20.8      0.0       4.4     10.0        33        19
## 12289      4.8     21.8      0.0       3.6      5.6        41        20
## 12290     12.3     25.5      0.0       4.0      8.9        56        37
## 12291     12.2     25.0      0.0       6.6      6.5        26        11
## 12292      3.3     22.4      0.0       4.0     10.6        41         7
## 12294      1.5     22.1      0.0       4.4     10.6        26        13
## 12295      4.2     28.0      0.0       4.6     10.8        39        20
## 12296     12.5     23.8      0.0       7.0      5.0        44        17
## 12297      2.1     20.0      0.0       5.2     10.7        31        13
## 12298      2.2     22.3      0.0       3.4      9.9        31        11
## 12299      7.1     23.8      0.0       4.6      5.8        31        19
## 12300     10.1     29.5      0.0       4.0      9.1        46        24
## 12301     15.2     24.6      0.0       6.4      0.2        28         9
## 12302     15.9     33.6      0.0       3.8     10.6        33        17
## 12303     18.3     36.1      0.0       9.0      0.8        65        26
## 12304     17.6     24.0      0.0      10.0      9.9        41        31
## 12305      4.2     22.3      0.0       4.8     11.0        31        19
## 12306      2.5     24.6      0.0       5.6      8.6        22        11
## 12307      5.3     26.8      0.0       3.2     10.7        28         7
## 12308     14.5     35.6      0.6       6.8      3.3        83        19
## 12309     14.9     15.3      1.4       7.2      0.0        37        13
## 12310      3.7     18.3      2.2       1.2     10.4        41        15
## 12312      5.1     25.4      0.0       4.0     11.2        35        22
## 12313     12.2     21.2      0.0       6.4      0.4        52        31
## 12314     12.9     20.5      3.6       4.2      1.8        46        15
## 12315     12.9     22.0     12.8       6.6      6.5        31        13
## 12316      4.6     23.2      0.0       3.8     11.2        31        20
```

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## 12317     9.1   19.6    0.0     4.8    0.0      48      33
## 12318     5.5   21.3    4.0     1.6    8.7      37      11
## 12319     3.6   20.2    0.0     3.4   11.1      37       9
## 12320     4.1   21.7    0.0     4.6   11.3      31      13
## 12321     3.4   24.0    0.0     4.4   11.3      22      11
## 12322     5.0   27.0    0.0     5.6   11.2      31      19
## 12323     8.5   28.4    0.0     6.2   11.2      46      28
## 12324     8.4   29.2    0.0     7.0   11.2      31      22
## 12325    10.5   30.0    0.0     5.8    9.4      37      24
## 12326    15.3   30.5    0.0     8.0   11.1      39      26
## 12327    15.6   29.3    0.0     8.8   11.2      48      33
## 12328    13.7   28.8    0.0     8.0   10.7      35      13
## 12329     8.6   29.0    0.0     6.6    9.8      37       2
## 12330    10.5   30.1    0.0     7.6   10.8      30      15
## 12331    12.0   28.9    0.0     7.4    3.9      48      20
## 12332    16.8   26.1    2.8     2.6    0.9      48      30
## 12333    14.9   20.1    0.6     5.4    3.9      63      30
## 12334     6.1   23.5    0.0     7.0   10.7      41      22
## 12335     6.1   27.9    0.0     6.6   11.3      31      15
## 12336    14.9   21.0    0.0     8.0    5.6      56      31
## 12337     5.8   19.1    0.0    10.6   11.4      57      33
## 12338     3.1   19.9    0.0     9.0   11.5      43      22
## 12339     3.4   23.5    0.0     6.6   11.4      30       2
## 12340     5.1   26.9    0.0     6.4   11.5      30      17
## 12341     9.3   33.2    0.0     7.8   11.0      41      26
## 12342    17.2   32.1    0.0     9.4    7.0      70      30
## 12343    13.0   26.6    0.0     7.6   10.1      37      17
## 12345     6.2   25.6    0.0     7.8   11.7      31       9
## 12346     7.3   26.4    0.0     8.0   11.9      35       7
## 12347     8.2   21.3    0.0     6.4   11.8      54      24
## 12348     4.5   23.2    0.0     9.8   11.1      44      24
## 12349     6.6   24.4    0.0     8.0    9.3      37      20
## 12350     8.2   25.9    0.0     8.8    7.2      35      22
## 12351    14.5   22.0    0.0     7.8    7.2      54      26
## 12352    13.8   33.2    1.0     5.2    8.4      48      33
## 12353    15.4   28.2    0.2     9.8   10.6      57      20
## 12354    14.7   25.4    0.0    12.0    9.7      61      28
## 12355     7.0   27.3    0.0    10.8   12.0      54       6
## 12356     7.8   22.6    0.0     9.2   12.2      67      24
## 12357     4.2   25.2    0.0     9.6   12.5      44      17
## 12358     8.4   27.2    0.0     8.8   12.0      35      24
## 12359    10.8   28.5    0.0     8.0   12.3      35      24
## 12360    14.0   30.7    0.0     7.0   12.4      43      31
## 12361    15.6   33.7    0.0     7.8   11.6      39      24
## 12362    16.3   34.9    0.0     9.4   11.8      41      31
## 12363    17.9   35.3    0.0    10.6   11.0      57      28
## 12364    17.5   35.0    0.0    13.6   12.0      57      17
## 12365    13.5   34.3    0.0    12.0    7.5      76       7
## 12366    16.3   22.5    0.0    10.6    0.2      41      22
## 12367    15.0   29.5    2.6     1.8    6.0      52      28
## 12368    14.6   30.1   10.4     7.0   11.3      41      17
## 12369    17.9   26.7    0.0     8.0    3.2      35      17
## 12370    16.0   29.9    0.0     5.0   11.7      37      28
## 12371    15.6   31.8    0.0     7.6   12.7      31      15
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## 12372    14.9    32.3     0.0      7.6    12.9        33        24
## 12373    15.9    33.4     0.0     11.4    12.8        33        24
## 12374    17.8    37.3     0.0      9.8    12.8        39        19
## 12375    17.6    37.3     0.0     12.2    11.6        44        13
## 12376    16.6    32.9     0.0     15.0     6.6        44         9
## 12377    17.4    24.5     0.2     11.0     1.2        52        13
## 12378    14.3    27.2     0.6      1.6     5.9        39        20
## 12379    15.0    29.7     3.0      7.0     9.4        41        17
## 12380    17.2    32.3     0.0      8.6     8.1        59        24
## 12381    13.0    29.3     9.8      8.8    13.2        30        15
## 12382    14.8    32.9     0.0      8.0    13.1        39        19
## 12383    17.9    36.1     0.0      9.0    12.9        37        24
## 12384    21.3    36.5     0.0     10.4     8.9        65        17
## 12385    15.9    32.5     0.2      8.8    12.9        35        28
## 12386    19.0    37.1     0.0      8.4    12.6        30        19
## 12387    20.9    40.7     0.0      9.0    12.2        91        19
## 12388    22.4    42.6     0.0     15.6    12.4        50        26
## 12389    22.5    41.5     0.0     16.0    13.0        46        22
## 12390    22.7    40.4     0.0     16.4    12.8        44        28
## 12391    26.2    41.7     0.0     12.8    12.6        44        26
## 12392    26.7    42.2     0.0     15.4    12.7        50        24
## 12393    27.2    40.2     0.0     16.0    11.8        46        31
## 12394    23.3    39.4     0.0     14.0    10.0        50        20
## 12395    22.8    34.9     0.6     13.0    12.1        48        30
## 12396    20.6    35.4     0.0     12.0    12.9        48        24
## 12397    21.2    36.0     0.0     13.6    12.9        52        31
## 12398    24.7    36.6     0.0     14.4    11.7        43        28
## 12399    19.8    40.3     0.0     14.6    13.1        52        15
## 12400    20.6    33.1     0.0     16.6    12.5        52        28
## 12401    14.9    29.8     0.0     15.0    13.2        48        17
## 12402    13.7    31.2     0.0     11.2    11.1        44         9
## 12403    16.0    30.2     0.0     12.0    11.0        35        19
## 12404    15.4    32.0     0.0     10.0    13.4        35        17
## 12405    18.1    35.7     0.0      9.4    13.2        48        30
## 12406    22.7    38.4     0.0     13.6    13.1        59        33
## 12407    17.4    38.0     0.0     19.6    13.1        37         9
## 12408    19.7    41.2     0.0     11.4    13.1        43        28
## 12409    24.1    42.3     0.0     16.0     9.6        69        26
## 12410    23.6    39.5     0.2     19.6    10.2        41         9
## 12412    22.2    33.0     0.0      9.7     5.3        59        17
## 12413    11.4    33.2     0.0     15.0    10.9        35        13
## 12414    13.9    37.0     0.0     10.0    12.6        31        13
## 12415    19.3    37.7     0.0     11.0     8.2        52        30
## 12416    24.2    38.0     0.0     11.8    10.7        52        30
## 12417    22.1    36.5     0.0     13.4    12.3        54        30
## 12418    22.8    36.2     0.0     13.6    12.8        50        31
## 12419    23.1    36.3     0.0     14.8     4.9        74        26
## 12420    20.3    33.1     0.0     12.0     7.0        35         9
## 12421    20.3    30.9     0.0      8.4     9.0        46        19
## 12422    17.8    34.4     0.0      9.8    13.0        48        20
## 12423    18.3    29.6     7.8     13.6     3.8        61        33
## 12424    16.3    35.3    15.8      6.6    13.2        43        17
## 12425    20.8    36.2     0.0     11.0    10.8        43        31
## 12426    22.9    35.6     0.0     13.6     5.0        56        31
```

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## 12427    23.7    32.5     0.0    10.5     0.0    44    33
## 12428    22.6    31.3    19.0     8.2     6.6    57    26
## 12429    21.6    31.7     6.8     5.6     3.5    52    20
## 12430    21.3    23.8    34.2    10.0     0.0    30    11
## 12431    21.6    23.2    26.6     3.4     0.0    37    11
## 12432    19.8    28.5    12.8     6.0     0.0    35    15
## 12433    20.6    23.9     1.2     5.2     0.0    33    20
## 12434    21.5    28.9    15.4     2.4     4.2    33    17
## 12436    20.1    32.6     0.0     7.8    12.7    48    20
## 12437    19.4    30.6     0.0     9.6     6.5    26    15
## 12438    21.5    33.2     0.0     6.0     9.4    37    15
## 12439    21.6    33.2     0.0     8.2     6.4    76    22
## 12441    19.6    33.2     0.0     8.0    13.0    30    13
## 12442    20.1    35.6     0.0     6.2    12.8    31    17
## 12443    20.9    36.7     0.4     9.2    13.3    26    17
## 12444    23.8    36.2     0.0    10.6    13.4    31    24
## 12445    24.3    36.7     0.0    10.6    11.0    74    26
## 12447    21.8    32.9     0.0    10.0    12.0    52    26
## 12448    21.6    32.9     0.0     9.6     9.9    59    28
## 12449    19.4    34.8     0.0     6.4    10.9    59    17
## 12450    15.2    27.4    13.6    11.2    13.3    56    19
## 12451    10.8    27.3     0.0    13.2    13.2    54    17
## 12452    11.5    32.3     0.0    10.4    13.4    35     7
## 12453    15.8    35.4     0.0     9.6    11.2    22    13
## 12454    20.8    37.9     0.0     9.0    13.1    43    26
## 12455    20.3    37.4     0.0    12.8    13.1    37    26
## 12456    22.9    37.9     0.0    12.0    11.2    37    24
## 12457    22.4    38.1     0.0    10.6    10.8    41    28
## 12458    24.1    38.2     0.0    12.0    13.0    33    24
## 12459    22.3    38.0     0.0    11.6    10.2    52    20
## 12463    19.0    33.1     0.0    12.0     7.3    54    19
## 12464    21.8    27.8     2.4     9.4     0.0    54    26
## 12465    22.1    32.6     0.2     9.4     7.5    61    41
## 12466    21.7    34.6     0.0    13.0     6.7    52    20
## 12467    20.2    32.5     0.0    12.2     5.8    50    22
## 12470    21.0    30.5     8.8     3.4     1.5    33    15
## 12471    21.4    32.0     4.6     4.8     9.8    33    17
## 12472    18.3    32.6     0.0     7.8    12.4    44    19
## 12473    21.0    33.4     0.0     8.0    12.3    33    11
## 12475    22.2    34.5     0.0     9.8    12.4    41    26
## 12477    24.1    34.2     0.0     6.2     5.9    59    33
## 12478    22.3    29.7     4.4     6.6     3.4    31    11
## 12479    18.0    32.3     3.6     3.4    12.4    41     7
## 12480    18.9    33.6     0.0     9.2    12.5    37    17
## 12481    22.0    32.9     0.0     8.8     8.3    46    15
## 12482    17.1    33.1     0.0     9.6    11.4    41    17
## 12483    18.6    33.4     0.0     9.0    11.9    39    20
## 12484    20.4    34.0     0.0    12.0    12.0    31    22
## 12485    21.7    35.1     0.0     4.2    11.4    37    28
## 12486    21.4    35.5     0.0     8.6     6.8    67    17
## 12490    17.0    32.8     0.0     7.8    11.1    33     4
## 12491    20.4    30.6     0.0     7.6     0.9    39    17
## 12492    19.6    22.7     7.8     5.2     0.0    30    11
## 12493    17.6    22.0    14.0     2.4     0.0    37    19
```

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## 12494   17.0   30.1    4.2    2.2    1.8   54   17
## 12495   17.2   30.4    0.0    7.4    5.4   41   24
## 12496   19.3   24.0    0.8    6.8    1.5   41   13
## 12497   19.3   27.8   11.0    2.6    6.0   39   19
## 12498   21.1   29.4    0.0    5.4    4.6   48   22
## 12499   20.4   29.6    0.0    5.8    4.3   46   28
## 12500   16.0   29.4    3.0    4.4   12.0   31    9
## 12501   13.9   29.5    0.0    7.8   12.0   43   17
## 12502   15.8   31.6    0.0    8.8   10.0   48   17
## 12503   14.8   30.8    0.0   10.0   11.3   41   20
## 12504   13.9   29.9    0.0    9.4    9.4   48   15
## 12505   13.4   30.3    0.0    9.0   11.0   33   13
## 12506   16.6   30.4    0.0    8.0    9.6   43   15
## 12507   15.3   31.8    0.0    8.6   11.6   35   19
## 12508   15.7   31.9    0.0    8.0   11.4   46    9
## 12509   15.8   32.6    0.0    8.0   11.3   35   22
## 12510   15.4   31.9    0.0    8.8   11.0   28   15
## 12511   15.3   34.3    0.0    8.0   11.3   33    9
## 12512   16.0   33.6    0.0    8.0   11.2   30   17
## 12513   15.8   35.1    0.0    7.6    9.6   33   19
## 12514   17.7   34.3    0.0    7.8   11.3   43   24
## 12515   18.3   33.4    0.0    8.6   10.5   39   20
## 12516   18.9   32.0    0.0    8.8   10.9   39   26
## 12517   19.9   32.7    0.0   11.0    9.7   30   19
## 12518   20.9   33.7    0.0    5.2    7.7   28   20
## 12519   21.8   32.3    0.0    8.0   10.1   37   24
## 12520   19.5   31.1    0.0    8.8    8.6   41   24
## 12521   20.5   27.7    0.0    6.8    2.9   48   28
## 12522   17.5   25.7    8.0    3.4    6.3   31   11
## 12523   13.6   29.0    0.0    4.0   11.0   39    7
## 12524   12.0   29.5    0.0    4.0   10.1   24   13
## 12526   18.3   27.8    0.0    6.8    8.2   30   17
## 12527   16.6   28.1    0.0    6.0    8.1   33   24
## 12528   18.8   26.8    0.0    7.0    1.6   48   28
## 12529   18.5   24.7    1.8    3.6    0.0   41   31
## 12530   17.5   29.4    9.4    1.8    8.8   35   17
## 12531   11.9   28.1    0.0    4.0    9.0   30    6
## 12532   18.2   30.5    0.0    5.0    9.0   41    9
## 12533   16.7   31.5    0.0    7.2    4.5   35    6
## 12534   15.8   22.4    0.0    6.4    0.4   39   20
## 12535    6.2   26.2    0.0    5.8   11.1   31    9
## 12536    9.5   28.1    0.0    5.4   10.9   26   15
## 12537   11.7   28.7    0.0    5.2    9.8   28   19
## 12538   14.1   28.9    0.0    5.4   11.1   33   22
## 12539   11.7   29.0    0.0    6.6    9.3   31   19
## 12540   13.6   29.1    0.0    6.8    9.9   33   20
## 12541   14.0   27.8    0.0    6.0    5.1   37   26
## 12542   13.6   28.3    1.0    3.0    9.3   37   24
## 12543   17.0   29.9    0.0    6.2    9.9   35   24
## 12544   16.8   29.8    0.0    6.6    9.5   30   13
## 12545   15.3   29.8    0.0    7.0   10.4   24   15
## 12546   16.0   31.1    0.0    4.0   10.1   31   22
## 12547   18.1   26.1    0.0    7.8    1.4   59   15
## 12548    5.1   24.8    0.2    3.2   11.0   33   17
```

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## 12549     7.5    24.4     0.0       5.8     3.6        33        20
## 12550    12.4    27.5     0.0       4.4    10.7        28        13
## 12552     7.5    25.9     0.0       8.0    10.7        31        17
## 12553     8.9    28.4     0.0       3.6    10.5        30        19
## 12554    11.8    28.3     0.0       4.0     8.7        31        15
## 12555    13.9    27.8     0.0       4.8     7.0        35        15
## 12556    15.9    25.6     0.0       5.4     2.8        30        17
## 12557    11.6    27.8     0.0       4.8    10.1        48        13
## 12558     4.3    21.2     0.0       4.4    10.1        44        11
## 12559     2.7    23.2     0.0       6.6    10.2        24         9
## 12560     3.2    25.3     0.0       2.8    10.6        19         7
## 12561     7.2    25.8     0.0       4.6    10.3        28        15
## 12562     9.3    26.5     0.0       3.6    10.6        28        17
## 12563    10.1    27.2     0.0       3.0     9.4        35        15
## 12564     7.1    19.5     0.0       6.2    10.5        52        41
## 12566     1.8    22.1     0.0       4.8    10.1        35         6
## 12567     3.4    23.4     0.0       5.4    10.0        28         9
## 12568     6.5    22.8     0.0       3.0     2.1        28        19
## 12569    10.7    16.1     0.0       3.2     0.9        26         7
## 12570     6.1    21.5     1.0       0.6     9.8        43         9
## 12571     4.0    22.8     0.0       4.2    10.4        31         4
## 12572     8.3    23.3     0.0       4.4     3.1        30        13
## 12573    10.3    22.3     0.0       3.0     1.3        26        11
## 12574     4.7    22.4     0.0       1.8    10.0        30         9
## 12575     6.1    23.4     0.0       3.4    10.1        31        20
## 12576     9.6    20.9     0.0       3.8     0.1        35        19
## 12577    14.7    23.6     0.8       1.2     5.2        44        22
## 12578    11.1    18.8     5.2       3.6     6.2        43        22
## 12579    12.6    21.3     0.0       2.2     5.6        26         9
## 12580     9.0    22.3     0.0       2.2     5.8        37        11
## 12581    14.3    18.9     1.8       1.8     4.2        50        26
## 12582     8.4    14.0    17.2       1.2     2.3        41        19
## 12583    11.1    16.6     3.4       1.2     0.6        26        13
## 12584     8.6    18.6     2.4       0.8     2.3        17         9
## 12585    11.0    17.5     0.4       1.8     0.1        28        11
## 12586    12.2    18.3     3.2       0.2     0.2        26         7
## 12587     7.8    20.2     0.4       4.0     6.6        39        13
## 12588     9.0    20.8     0.0       3.0     9.6        44        19
## 12589     5.8    16.1     0.0       1.0     8.8        50        26
## 12590     2.4    19.4     0.0       3.2     8.0        31         6
## 12591     3.3    20.5     0.0       2.4    10.0        28        11
## 12592     2.7    18.4     0.0       2.6     8.9        41        13
## 12593     2.0    14.2     0.0       3.4     6.8        41        26
## 12594     1.3    14.0     0.0       2.6     7.3        33         9
## 12595     2.4    16.6     0.0       1.6     9.4        50        20
## 12596     0.6    18.5     0.0       3.6     7.6        20         9
## 12598     6.6    21.5     0.0       1.6    10.0        37        17
## 12599     6.1    21.3     0.0       3.4    10.1        28        20
## 12600     8.3    19.8     0.0       3.4     0.4        39        19
## 12602     2.6    16.4     0.0       1.8     9.5        43         6
## 12603     2.1    18.7     0.0       3.4     9.5        33         9
## 12604     2.9    20.0     0.0       2.6    10.0        19        11
## 12605     5.7    20.9     0.0       1.6     7.3        31        15
## 12606     6.8    21.7     0.0       2.6     8.8        39         7
```

```
## 12607    11.4    20.9     0.0     3.8     1.8     31      15
## 12608    10.1    21.6     0.0     3.0     6.7     39      20
## 12609    12.7    16.9     0.2     3.4     0.4     35       4
## 12610     5.7    13.5     1.8     0.6     9.5     35      20
## 12611    -3.3    13.2     0.2     3.8     8.9     28      11
## 12612    -2.3    13.4     0.0     1.8     8.9     24       9
## 12613    -1.6    13.7     0.0     1.4     8.5     35       9
## 12614     1.9    14.2     0.0     3.0     1.2     22       7
## 12615     6.5    10.2     0.0     2.1     0.0     19       4
## 12616     4.9    11.6     6.0     0.2     6.8     33      20
## 12617    -2.4    17.1     0.2     1.6     9.1     22      13
## 12618     4.9    19.9     0.0     2.0     6.5     37      17
## 12619    11.9    14.9     0.2     2.6     0.1     35      15
## 12620     5.7    11.6     0.0     2.2     0.0     24      11
## 12621     6.9    17.5     0.6     0.6     0.7     17       4
## 12622     8.8    21.2     0.4     0.4    10.0     26      15
## 12623     5.9    22.2     0.0     3.6     9.7     39      20
## 12624    13.2    21.0     0.0     4.0     2.4     39      17
## 12625    11.4    24.0     0.0     3.4     7.5     35      22
## 12626    13.3    23.2     0.0     3.4     3.5     46      24
## 12627    11.2    17.2    19.0     5.6     7.2     74      17
## 12628     6.2    15.9     0.0     3.4    10.1     41      24
## 12629     0.3    14.6     0.0     3.4     8.3     19       6
## 12630     1.4    18.3     0.0     2.2    10.1     26      19
## 12631     4.5    22.4     0.0     2.4     9.3     37      19
## 12632     9.6    14.8     0.6     3.4     0.2     41       9
## 12633     3.8    14.7     3.8     0.8     4.3     31      17
## 12634     1.3    15.9     0.0     1.4     9.7     26       7
## 12635     1.0    17.8     0.0     2.2    10.2     35      11
## 12636     0.9    18.2     0.0     4.0    10.2     22       6
## 12637     5.8    19.5     0.0     2.4     6.6     28      19
## 12638     8.1    19.9     0.0     2.4     6.0     26      11
## 12639     6.1    21.0     0.0     2.4     9.1     28      13
## 12640     7.8    22.1     0.0     2.8     6.9     33      24
## 12641    12.3    18.1     3.8     3.4     1.1     41      17
## 12642    12.1    17.4    16.0     1.6     0.0     37      28
## 12643     9.4    23.4     0.4     0.4     6.2     50      15
## 12644    13.6    17.7    32.6     5.9     1.8     41       6
## 12646     4.4    13.4     0.0     2.8    10.3     48      22
## 12647     5.8    17.3     0.0     3.2     9.5     41      28
## 12649     3.3    19.0     0.0     2.3     9.5     31      11
## 12650     2.3    14.9     0.0     3.2    10.5     41      19
## 12651    -0.8    16.0     0.0     3.4    10.5     20       4
## 12652     1.0    18.0     0.0     2.8    10.7     28      13
## 12653     3.2    21.6     0.0     2.8     7.9     48      26
## 12654    14.1    16.8     3.0     4.2     0.0     56      37
## 12655     8.7    15.9    10.8     2.2     8.1     37      17
## 12657     7.0    15.6     0.4     2.2     9.0     35      24
## 12658     2.7    19.1     0.0     3.6    10.6     37      15
## 12659     8.6    20.2     0.0     3.6     9.5     59      22
## 12660     2.9    18.6     0.0     5.0    10.7     39       2
## 12661     1.5    17.7     0.0     3.2    10.7     26       7
## 12662     3.9    24.4     0.0     3.2    10.8     50      31
## 12663    14.2    17.5     0.0     5.4     0.0     41      11
```

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## 12664    13.3    17.1     7.4      0.6     6.6       37       19
## 12665     2.9    15.9     0.0      3.2     8.9       35       13
## 12666     1.0    16.8     0.0      3.8     6.1       26       13
## 12667     9.8    15.8     7.8      4.2     0.0       56       31
## 12668     8.7    15.1     6.6      0.6     5.6       30       22
## 12669    10.5    15.8     0.0      2.4     1.5       35       22
## 12670     7.5    17.0     1.2      2.4     8.6       54       19
## 12671     7.1    18.4     0.0      4.0    10.5       37       20
## 12672     4.7    17.1     0.0      4.0    10.0       33        9
## 12673     2.9    20.0     0.0      4.0    10.9       31       15
## 12674     5.6    20.9     0.0      3.2    10.8       28       17
## 12675     4.9    23.2     0.0      3.4    10.6       33       22
## 12676    10.0    25.0     0.0      4.4    10.9       39       24
## 12677    14.5    26.9     0.0      5.4     6.0       33       20
## 12678    14.1    27.4     0.0      4.0     2.9       39       15
## 12679    17.2    23.5     3.2      3.8     1.1       63       33
## 12680    12.1    19.8    23.4      5.2     8.5       31       20
## 12681     7.6    19.0     0.0      4.8    11.2       30        4
## 12682     5.3    19.4     0.0      3.4    10.9       26        6
## 12683     4.8    20.9     0.0      3.8    10.0       28       17
## 12684     7.8    22.8     0.0      3.4     1.2       39       28
## 12685    16.9    24.0    29.4      3.8     6.8       50       11
## 12687     5.9    22.0     0.0      4.0     8.7       28       13
## 12688    13.6    21.3     0.4      3.4     4.7       26       19
## 12689    14.1    26.6     0.8      2.8    10.4       39       20
## 12690    10.0    19.9     0.0      5.4     9.5       50       28
## 12691     6.1    17.6     0.0      5.2     4.9       39       17
## 12692     7.4    14.7     0.0      4.0     1.8       43       28
## 12693     2.0    17.7     0.0      2.6     6.4       30        9
## 12694     9.2    14.0     0.0      3.6     0.0       19        9
## 12695     9.8    19.1     5.0      0.8     0.6       19       13
## 12696    13.0    24.7     0.0      0.4     6.9       19       11
## 12697    11.7    25.1     0.0      3.4     7.2       31       19
## 12698    14.6    21.7     0.0      4.6     4.5       31       22
## 12700    13.1    25.9     0.0      3.4     6.5       30       11
## 12701    13.0    26.5     0.0      5.4     9.4       26       11
## 12702    13.9    26.2     0.0      5.0     9.8       69       26
## 12703    13.5    27.4     7.0      4.6    10.0       30       11
## 12704     9.0    20.8     0.0      6.4    11.1       43       24
## 12705     2.7    22.0     0.0      6.8    11.3       28       13
## 12706     9.9    22.3     0.0      3.6     3.4       39       20
## 12707    12.1    21.8     0.0      4.0     0.4       31       22
## 12708    13.3    18.8     0.0      4.2     0.0       28        9
## 12709    14.7    26.6    20.2      1.8    10.5       28       17
## 12710    11.9    28.0     3.2      5.8    11.3       31        9
## 12711    14.9    27.6     0.0      6.4    11.2       30       17
## 12712    14.2    27.0     0.0      4.4     2.6       48        9
## 12713    12.5    18.2     0.0      6.2     1.0       28        9
## 12714    13.6    24.3     5.2      0.6     3.6       39       20
## 12715    11.9    23.8     0.0      4.8     2.9       41       20
## 12716    13.0    22.6     0.0      6.0     1.3       50       24
## 12717    11.5    27.7     0.0      4.4     9.9       35       20
## 12718    11.7    25.2     0.0      6.2     7.3       41       24
## 12719    16.3    21.6     0.0      7.8     0.7       35       24
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## 12720    17.7    19.2     2.6     1.6     0.0       67       31
## 12721     8.1    15.6    28.0     6.6     6.2       54       33
## 12722     2.6    19.1     0.2     6.2    11.7       39       15
## 12723     5.2    23.1     0.0     4.6    12.1       33        6
## 12724     7.5    26.0     0.0     5.4    12.0       22        2
## 12725    12.0    27.4     0.0     6.0    12.4       37       15
## 12726    14.8    22.8     0.0     6.4     2.1       35        9
## 12727    13.7    26.2     0.0     2.4    10.8       41       19
## 12728    12.7    28.5     8.8     6.2    12.2       26       17
## 12729    14.7    20.1     0.0     5.8     1.9       44       13
## 12730    10.5    25.2    12.4     2.4    11.8       30        7
## 12731    14.1    26.9     0.0     4.4     6.4       26       11
## 12732    12.7    30.0     0.0     4.4    11.3       31       15
## 12733    12.3    30.8     0.0     6.6    12.2       33       17
## 12734    14.3    30.2     0.0     9.2    11.2       41       24
## 12735    17.2    28.9     0.0     8.0     8.8       48       28
## 12736    18.9    29.8     0.0     9.0     7.0       35       20
## 12737    14.2    17.7     0.0     7.4     1.0       30       11
## 12738     7.8    22.2    14.8     1.4    12.5       46       24
## 12739     8.0    25.5     0.0     7.0    12.3       33       11
## 12740    10.9    27.1     0.0     6.6    10.7       28       13
## 12741    15.2    25.5     0.0     6.2     4.9       67       13
## 12742    10.8    27.4     8.2     4.8    12.2       37        9
## 12743    13.3    29.2     0.0     8.0    11.0       46       28
## 12744    15.6    29.4     2.8     9.0     7.0       48       22
## 12745    18.4    30.2     6.8     7.6     9.2       44       17
## 12746    17.3    30.4     0.0     8.0    12.6       39       24
## 12748    16.0    32.0     0.0     5.2    10.6       48       26
## 12749    20.1    32.2     0.0    11.4    10.8       48       35
## 12750    19.5    31.3     0.0     9.6     6.3       43       30
## 12751    21.6    23.8     0.0     8.4     0.0       44       30
## 12752    17.9    27.6    24.4     3.8     3.5       37        9
## 12753    18.3    28.0     1.0     3.4     5.6       26        7
## 12754    19.0    22.2     0.0     5.6     0.0       28       13
## 12755    13.6    29.3    13.4     1.4     9.0       48       11
## 12756    15.2    29.7     0.0     7.6    10.2       33       20
## 12757    15.5    23.5     0.0     9.2     2.2       31       24
## 12758    13.8    27.4     0.0     4.2     6.6       46       30
## 12759    17.1    28.9     0.0     8.4    10.3       48       26
## 12760    15.3    29.5     0.0    10.2    11.1       43       22
## 12761    14.0    29.2     0.0     9.0    12.7       43       30
## 12762    15.2    28.2     0.0     8.0     6.2       35       19
## 12763    17.6    30.2     0.0     8.0     9.1       48       31
## 12764    19.1    27.0     0.0    12.0     0.7       54       30
## 12765    18.7    27.2     0.0     6.4     3.5       48       28
## 12766    18.5    23.6    30.6     7.0     0.2       50       30
## 12767    18.2    26.1     8.2     2.2     5.0       39       15
## 12768    19.3    26.4     1.2     5.0     1.5       44       31
## 12769    20.0    25.2     0.0     4.0     0.0       44       24
## 12770    18.3    22.3     3.8     3.8     0.2       35       17
## 12771    17.0    29.2     2.2     3.2     8.4       37       13
## 12772    18.8    29.4     0.0     3.6     6.8       48       19
## 12773    17.2    31.3     1.4     9.2    10.7       48       19
## 12774    19.5    31.3     0.0     9.8     8.2       50       31
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## 12775    21.3    33.4    0.0     6.4    11.1    44    31
## 12776    21.0    27.1    1.4     9.4     1.2    48    26
## 12777    20.6    24.9    9.2     2.4     0.1    17     7
## 12778    16.5    31.4    0.2     1.4    10.8    31     9
## 12779    16.2    32.4    0.0     8.0    13.3    61    11
## 12780    18.0    32.2    0.0     9.4     9.4    41    15
## 12781    17.3    35.0    0.4     7.4    12.8    37    28
## 12782    20.8    32.4    0.2     9.0     5.0    54    28
## 12783    20.3    28.8    1.4     6.0     3.1    50    19
## 12784    17.5    23.6    0.4     5.4     1.1    39    13
## 12785    16.7    21.9    1.0     4.0     0.0    31    13
## 12786    10.8    23.1    1.0     2.2    13.5    56    35
## 12787     8.1    28.9    0.0     9.2    13.0    39    11
## 12788    12.7    30.7    0.0     9.3     9.2    35    17
## 12789    19.0    27.3    0.0     8.4     1.0    31    13
## 12790    18.7    30.7    0.2     3.0     5.2    48    26
## 12793    18.2    32.6    0.4    17.2     7.2    54     6
## 12794    16.2    34.0    0.0     9.6    10.1    44    22
## 12795    15.9    34.1    0.0    10.8    12.4    31    17
## 12796    19.1    36.1    0.0     8.2    12.7    37    13
## 12797    20.6    36.9    0.0    12.8    11.8    35    17
## 12798    20.2    35.7    0.0    12.0    13.5    37    26
## 12799    22.6    34.3    0.0     9.2     5.4    50    19
## 12800    20.3    34.9    9.4     6.8    10.3    70    17
## 12801    18.9    33.6    1.4     6.6    10.7    31    11
## 12802    21.6    26.9    0.0     8.0     1.7    43    22
## 12803    15.6    30.2    3.2     2.4    11.3    48    20
## 12804    19.5    31.8    0.0    13.4     6.3    50    35
## 12805    16.5    33.8    0.0     7.6    12.5    33    17
## 12806    22.1    32.9    0.0    11.0     4.1    48    19
## 12807    21.0    28.1    1.0     9.8     1.3    57    20
## 12808    21.6    31.6    6.2     5.6     7.9    59    24
## 12809    20.3    33.8    0.0     8.0     9.1    50    22
## 12810    22.1    33.6    0.0    10.2    13.3    46    31
## 12814    22.4    37.9    0.0     7.6    11.7    44    13
## 12815    19.3    36.9    0.0    10.0    12.7    44     6
## 12816    19.5    36.9    0.0    13.2    13.0    54    22
## 12817    19.0    35.5    0.0    11.0    10.3    46    20
## 12818    17.8    33.6    0.0     8.0    11.1    35    20
## 12819    17.8    34.4    0.0    13.2    10.6    37    15
## 12820    18.6    33.1    0.0    10.8    10.3    39    17
## 12821    19.6    34.6    0.0     8.0    12.1    39    26
## 12822    22.1    40.2    0.0    11.6    12.8    39    19
## 12823    24.6    41.4    0.0    12.4    12.8    31    20
## 12824    25.2    39.9    0.0    13.0    12.2    81    20
## 12825    22.4    40.4    1.4    12.4    10.8    59     9
## 12826    20.1    33.1    5.0    11.4    12.1    37    26
## 12827    17.6    34.1    0.0    12.4    13.2    37    22
## 12828    19.8    36.8    0.0    11.4    14.0    33    19
## 12829    22.9    37.1    0.0    11.4    12.8    50    28
## 12830    25.7    38.9    0.0    13.2    12.4    46    31
## 12831    25.0    37.6    0.0    14.2    11.9    41    24
## 12832    25.3    37.4    0.0    12.0    12.5    46    26
## 12833    25.0    37.4    0.0    13.0    12.7    44    30
```

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## 12834   25.3   37.1    0.0    14.6   11.2    39    26
## 12835   26.1   34.6    0.0    10.4    3.9    59    22
## 12836   21.3   31.2   13.4     5.0    7.8    48    13
## 12837   20.0   33.0   10.8     7.8   12.3    35    22
## 12838   18.7   33.4    0.0     8.8   11.0    33    17
## 12839   19.0   33.5    0.0     9.0   11.7    33    22
## 12841   22.6   36.2    0.0     9.8   11.0    69    24
## 12843   20.2   29.1   15.0     7.0    0.1    39     7
## 12844   19.9   32.3    1.0     4.8   12.1    43    17
## 12845   20.1   33.4    0.0     7.8   11.9    31    17
## 12846   22.0   34.2    0.0     8.0   11.3    37    28
## 12847   22.2   34.9    0.0     9.8   12.0    37    22
## 12848   24.0   37.5    0.0     9.0   10.3    44    15
## 12849   23.8   34.5    0.0     8.4    9.8    54    28
## 12850   20.5   33.7    0.0    13.0   11.6    48    24
## 12851   15.0   30.0    0.0    10.4   12.6    33    13
## 12852   15.5   31.8    0.0     8.0   12.3    31    11
## 12853   17.9   32.2    0.0     8.6   11.3    33    22
## 12854   18.7   33.9    0.0     8.0    9.4    39    28
## 12855   21.5   35.7    0.0     7.8    9.7    37    26
## 12856   23.3   37.6    0.0    10.0   10.8    50    20
## 12857   25.0   38.6    0.0    10.6    9.5    52    19
## 12858   21.0   34.2    7.6    11.8    8.8    35    13
## 12859   22.5   30.9    0.2     9.0    2.2    48    17
## 12863   14.4   30.0    0.0    20.4   11.8    37    24
## 12864   14.9   30.0    0.0     9.6   10.1    52    26
## 12865   17.6   29.6    0.0     7.6    8.4    41    20
## 12866   19.8   30.9    0.0     8.0    7.1    35    20
## 12869   18.4   33.2    0.0    15.2   11.6    35    19
## 12870   18.7   34.5    0.0     8.6   11.7    33    15
## 12871   20.1   34.1    0.0     8.8   11.1    39    15
## 12872   20.3   33.3    0.0     8.8    6.9    35    19
## 12873   23.3   32.6    0.0     7.0    2.0    44    17
## 12877   19.3   30.0    2.4     4.8    3.6    33     9
## 12878   20.4   30.0    6.8     4.6    8.5    41     7
## 12879   18.1   27.8    0.0     6.6    4.3    37    19
## 12883   15.0   29.2    0.0    13.4    7.3    33    13
## 12884   13.1   30.6    0.0     7.2   10.4    33    13
## 12885   15.3   28.9    0.0     8.0    8.1    44    15
## 12886   14.4   30.2    0.0     4.8   11.3    26     9
## 12889   10.9   26.2    0.0     6.0    6.8    28    13
## 12890   13.8   17.4    0.0     5.2    0.0    28     7
## 12891   11.0   23.7    1.2     0.6    7.2    41     4
## 12892    7.3   23.9    0.0     4.4   10.6    39     7
## 12895    6.9   24.9    0.0     5.0    5.2    31    13
## 12896   11.0   23.7    0.2     4.2    4.0    33    11
## 12897    4.1   20.8    0.0     5.4   10.2    56     9
## 12898    1.7   18.3    0.0     4.8   10.0    44    11
## 12899    6.2   18.0    0.0     5.4    8.7    52    28
## 12903    1.8   21.7    0.0    12.8   10.5    24    11
## 12905    4.3   23.6    0.0     4.4    9.7    26    17
## 12906    7.0   24.2    0.0     3.8   10.0    30    22
## 12909   11.0   24.4    0.0     7.0    5.1    37    19
## 12910   14.8   18.5   18.4     5.2    0.0    57    15
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## 12911    9.3   15.5    0.2    1.8    5.1    50   15
## 12912    7.8   14.3    1.6    1.4    5.7    43   20
## 12917    6.6   19.4    0.0    7.8    5.6    41   15
## 12918    7.8   17.4    0.8    2.4    6.1    24   13
## 12919    5.6   23.1    0.0    2.0    9.9    46   20
## 12920    6.7   22.6    0.0    4.0    9.5    37   20
## 12921    4.7   21.3    0.0    2.4    9.9    30   13
## 12922    4.9   22.5    0.0    2.6    9.0    35    9
## 12923    7.6   23.9    0.0    3.6    7.0    31   15
## 12924    7.4   18.9    0.0    3.6    7.5    35   15
## 12925    4.9   19.1    0.0    3.8    5.4    30    7
## 12926    2.8   16.5    0.0    2.2    7.0    41   11
## 12927   -1.2   11.7    0.0    3.2    2.1    31   15
## 12928   -2.8   15.6    0.0    0.8    9.9    35    7
## 12929    2.4   18.2    0.0    3.2    2.9    30    7
## 12930    8.2   17.7   12.2    1.2    1.8    46   19
## 12931   10.0   16.5    0.6    1.6    0.2    43    9
## 12932   10.6   12.0   21.6    3.0    0.0    44   19
## 12933   11.0   15.4   19.4    2.6    1.0    28   13
## 12934    6.0   19.2    0.6    1.4    9.9    22    9
## 12935    5.6   17.3    0.0    1.0    8.7    44   19
## 12936    4.6   15.6    0.0    4.4    9.8    50   26
## 12937    3.8   16.9    0.0    3.2    9.1    31   13
## 12938    2.6   17.7    0.0    2.2    9.9    22    7
## 12940    4.2   14.3    0.4    4.0    7.5    35    9
## 12941    0.6   16.6    0.0    2.4    9.8    41    9
## 12943    3.7   20.9    0.0    2.0    9.9    28   19
## 12944    5.5   21.4    0.0    2.8   10.0    28   19
## 12945    5.5   20.0    0.0    2.4    2.2    24   11
## 12946    5.7   22.1    0.0    2.6    7.8    37   19
## 12947    8.4   21.5    0.0    3.4    6.5    43   15
## 12948    5.9   19.8    0.0    3.6    9.9    35   17
## 12949    4.9   20.1    0.0    4.4   10.0    31   15
## 12950    6.1   20.7    0.0    2.8    9.8    30   17
## 12951    5.4   20.0    0.0    2.2    5.1    35   17
## 12952    8.1   23.4    0.0    2.8    5.5    30   17
## 12953    6.5   17.4    0.2    3.2   10.1    48   17
## 12954    0.9   16.6    0.0    3.6    8.2    44    7
## 12955    3.2   17.6    0.0    3.0    9.8    50   19
## 12956    0.8   14.4    0.0    3.0    9.2    39    2
## 12957   -1.2   13.0    0.0    2.0    9.9    44    9
## 12958   -2.2   14.6    0.0    4.6    9.7    39   11
## 12959    0.0   15.7    0.0    2.8   10.0    41    9
## 12960   -3.2   15.7    0.0    3.2    9.1    20    2
## 12961    1.8   13.1    0.0    2.4    0.3    22   13
## 12962    6.4   13.9    0.4    2.4    0.6    35   15
## 12963    2.8   19.0    0.0    2.0    3.2    33    9
## 12964    8.2   13.0    2.2    2.6    0.0    35   17
## 12965    9.9   14.5    3.2    1.0    0.1    19   13
## 12966    5.3   15.9    0.2    1.0    2.9    30    7
## 12967    0.5   13.0    0.2    1.4    8.6    50   15
## 12968    5.9   18.8    0.0    3.2    6.2    46   26
## 12969    3.5   18.9    0.0    3.0    9.9    43   15
## 12970    4.6   19.6    0.0    3.0   10.1    43   19
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## 12971    3.3   18.6    0.0    3.4    9.9   44   11
## 12972    1.0   18.0    0.0    3.6    9.7   30    6
## 12973    1.2   20.0    0.0    3.6    7.7   43   15
## 12974    3.4   18.0    0.6    2.8    9.0   37    9
## 12975    1.1   17.7    0.0    3.0   10.4   33    7
## 12976    0.7   19.4    0.0    3.6   10.4   33   20
## 12977    3.5   20.2    0.0    2.8   10.5   28   19
## 12978    4.2   20.6    0.0    2.6    8.4   30   20
## 12979    3.9   21.6    0.0    3.0   10.5   28   17
## 12980    5.4   23.4    0.0    3.2   10.4   35   13
## 12981    7.8   23.9    0.0    3.8    9.0   31   20
## 12982    5.8   23.4    0.0    4.2   10.4   30   17
## 12983    5.9   22.9    0.0    3.8   10.3   37   13
## 12984    6.6   22.4    0.0    3.8    9.9   43   26
## 12985   14.2   22.6    0.0    5.0    6.6   41   26
## 12986   10.8   19.4    0.0    3.8    1.2   33   26
## 12987    1.5   17.7    1.0    2.0   10.3   39   11
## 12988    4.6   16.4    0.0    2.6    8.2   44   15
## 12989    3.1   18.5    0.0    3.2    7.9   50   13
## 12990    6.7   15.5    1.0    3.2    5.5   41   13
## 12991    1.3   19.0    0.2    2.0    9.5   24    9
## 12992    3.8   21.6    0.0    3.4    9.8   30   15
## 12993    6.5   21.5    0.0    3.8    7.0   33   20
## 12994    5.7   22.1    0.0    3.8   10.3   26   15
## 12995    6.8   23.4    0.0    3.2   10.0   39   28
## 12996   10.6   23.4    0.0    5.0    5.8   56   31
## 12998    5.8   14.8    0.2    2.4    5.7   31   15
## 12999    5.1   19.5    1.2    1.8    8.8   35   26
## 13000    2.1   20.3    0.0    3.6    7.9   31   28
## 13001    4.7   22.1    0.0    4.8   10.8   41   17
## 13002    4.9   23.9    0.0    5.4   11.0   37   26
## 13003    7.6   22.4    0.0    5.2   11.0   30   13
## 13006   13.9   16.0   11.2    5.4    0.2   33   19
## 13007    7.1   19.9   20.8    2.2    7.5   24    2
## 13008    7.3   25.1    0.0    2.4   10.3   56   20
## 13009    9.1   22.3    8.0    5.4   11.1   22   11
## 13010    4.8   22.1    0.0    3.6   11.0   24   15
## 13011    6.4   22.6    0.0    3.6   11.0   26   17
## 13012    8.1   23.6    0.0    3.4   10.8   33   19
## 13013    8.3   23.3    0.0    4.6   11.0   33   22
## 13015    7.0   23.4    0.0    4.4   11.0   31   19
## 13016    8.5   23.5    0.0    4.6   10.8   33   19
## 13017   10.3   26.9    0.0    4.4   10.5   48   24
## 13020    4.8   14.5   16.2   11.8   11.0   52   30
## 13021    2.9   16.8    0.0    2.8    9.0   41   15
## 13022    3.5   18.5    0.0    5.2   11.2   37   11
## 13023    4.0   21.4    0.0    4.4   11.3   26   11
## 13024    3.8   23.4    0.0    4.2   11.3   41   13
## 13028   12.1   30.6    0.0    5.2    9.9   30   17
## 13029   11.3   30.3    0.0    5.4   11.0   48   17
## 13030   15.1   28.1    0.0   12.4   10.3   48   24
## 13031    7.0   23.9    0.0    7.0    8.8   33    2
## 13033   12.3   28.8    0.0    4.6   10.5   35   24
## 13034   12.2   30.2    0.0    5.0    7.5   52   19
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## 13035    12.1    24.2     0.0     9.2    11.2     48     30
## 13036     6.1    25.4     0.0     9.0    11.4     37     28
## 13037     9.8    25.5     0.0     9.0    10.1     35     20
## 13038    14.2    17.9     0.0     5.6     0.0     44     30
## 13039    14.6    20.9    37.2     5.8     8.9     65     13
## 13041     8.6    17.0     1.8     6.6     5.3     61      9
## 13042     4.8    18.0     4.4     5.2     8.5     44     19
## 13043     4.7    21.3     0.0     3.8    11.5     30     20
## 13044     6.0    22.7     0.0     5.4    12.0     30     17
## 13045     9.2    18.2     0.0     5.6     0.3     35     28
## 13046    13.3    16.6     5.0     2.6     0.3     33     15
## 13047    12.4    23.5     1.8     0.4     6.9     20     11
## 13050    13.2    23.8     0.4     5.2     8.8     24     11
## 13051     8.7    25.1     0.0     3.8    12.0     39      9
## 13052     6.7    25.7     0.0     7.0    12.2     26      7
## 13053     9.3    28.0     0.0     7.0     8.6     43     17
## 13054    13.7    29.0     0.0     6.0     9.5     44     24
## 13057     9.8    27.4     0.0    11.0     9.0     39     20
## 13058    13.9    24.4     0.0     6.6    11.6     33     26
## 13059    10.3    25.7     0.0     7.0    12.0     30     20
## 13060    11.3    26.3     0.0     6.6    12.2     33     19
## 13061    11.9    28.2     0.0     2.4    11.8     28     15
## 13062    13.5    29.0     0.0     4.8    10.8     31     20
## 13063    14.3    28.1     0.0    13.0    10.9     33     17
## 13064    15.7    29.2     0.0     7.0    11.1     35     26
## 13065    17.4    32.6     0.0     8.4     6.4     70     24
## 13066    16.6    28.8     5.2     5.8     9.4     46     20
## 13067    16.0    27.1     0.2     6.6    10.4     39     26
## 13068    15.1    28.4     0.0     5.4    10.8     39     20
## 13069    18.0    28.3     0.0     7.4     8.2     41     30
## 13070    18.3    32.2     0.0     6.4    11.7     50     13
## 13071     9.9    29.4     0.0     9.8    12.4     59     15
## 13072    15.5    26.8     0.0    10.0     6.4     31     20
## 13073    11.9    30.7     0.0     4.8    12.9     43      6
## 13074    12.0    29.8     0.0     9.4    13.0     44      7
## 13075    13.2    31.2     0.0    10.6    12.8     28     17
## 13076    17.4    31.0     0.0     9.0     9.9     50     35
## 13077    20.0    22.4     0.0    10.0     0.1     33     20
## 13078    18.3    32.9     0.6     1.6     8.4     33     20
## 13079    19.9    34.6     0.0     8.8    10.7     41     26
## 13080    20.5    34.2     0.0    11.2    10.4     41     26
## 13081    19.1    29.1     0.0    10.6     3.4     37      7
## 13082    15.9    34.4     0.0     7.0    13.2     43      4
## 13083    19.7    32.4     0.0     9.6     9.6     43     30
## 13084    20.4    34.0     0.0     5.8     7.0     74     30
## 13085    20.5    36.8     0.0     9.0    12.7     50     31
## 13086    21.1    39.7     0.0    11.0    11.3     33     22
## 13087    25.5    37.1     0.0    12.8     7.1     44     30
## 13088    20.2    33.3     0.0    11.8     5.2     43     30
## 13089    21.5    29.5     0.0    10.2     3.9     33     20
## 13090    19.9    34.6     0.0     6.8    12.6     41     30
## 13091    20.8    34.9     0.0    13.2    12.3     48     31
## 13092    22.1    35.0     0.0    12.2     9.7     44     28
## 13093    19.3    32.9     0.0    11.4     7.6     54     35
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## 13094    20.3    22.1     23.4     13.8     0.0      41      19
## 13095    19.2    24.9     45.6      4.8     1.0      39      11
## 13096    19.1    21.8     39.4      2.2     0.0      39      19
## 13097    19.5    27.5    113.0     12.1     8.5      39      15
## 13098    18.9    29.1      0.2      6.6    10.6      35      17
## 13099    16.7    31.5      0.0      8.6    13.1      31      20
## 13100    21.4    32.4      0.0      9.0    11.8      48      35
## 13101    20.2    30.7      0.0     10.0     6.1      46      31
## 13102    20.1    24.8      7.0      6.6     5.7      41      13
## 13103    12.7    26.3      2.0      5.8    13.4      33      17
## 13104    14.2    27.1      0.0      7.6    11.4      31      15
## 13105    15.2    28.7      0.0      5.8    11.1      33      22
## 13106    15.4    29.2      0.0      6.8     8.8      48      19
## 13107    14.7    19.9     19.4     10.0     0.0      37      13
## 13108    13.7    20.6      8.4      2.2     0.0      39      15
## 13109    14.6    25.1     27.2      4.6     7.8      30      13
## 13110    16.2    26.2     17.8      7.8     5.5      31      17
## 13111    17.5    28.0     13.8      2.0     8.9      28      20
## 13112    19.8    28.5      0.0      5.2     7.8      48      15
## 13113    18.5    27.9     14.0      7.0    12.5      72      15
## 13114    16.0    28.2      0.0      7.0    13.4      41       2
## 13116    16.8    27.1      0.0      8.2     5.2      41      19
## 13117    17.1    27.9      2.8      6.2     5.7      37      11
## 13118    16.2    27.7      0.0      5.6    11.6      35      17
## 13119    17.3    26.9      0.0      7.4     1.8      48      26
## 13120    19.1    26.9      0.0      7.2     4.2      50      30
## 13121    17.8    30.7     11.4      6.2    12.2      30      17
## 13125    18.3    31.3      0.2      7.4    13.2      44      19
## 13126    17.5    30.5      0.0      8.6    12.4      39      17
## 13127    18.2    30.4      0.0      6.0    10.3      43      20
## 13128    19.1    32.0      0.0      6.6    13.3      44      17
## 13129    15.7    30.8      0.0     11.4    13.5      43      20
## 13130    18.6    31.3      0.0     10.0    12.1      37      17
## 13131    18.0    30.2      0.0      8.8     8.9      39      24
## 13132    17.1    30.9      0.0      8.6    13.0      33      17
## 13133    16.9    31.3      0.0      9.2    13.3      33      17
## 13134    18.5    32.1      0.0      9.0    13.6      35      24
## 13135    19.5    32.6      0.0      9.2    13.4      39      30
## 13136    20.4    34.4      0.0      5.4    12.5      39      30
## 13137    21.4    34.8      0.0      9.8     7.6      57      19
## 13138    18.4    33.0      5.2      6.6    12.8      33       6
## 13139    19.6    33.9      0.0      9.6    12.8      39      30
## 13140    22.7    36.4      0.0      9.6    11.9      54      31
## 13141    24.8    33.8      0.0     11.4    12.6      46      19
## 13142    15.5    31.6      0.0     12.0    13.5      41       9
## 13143    16.6    31.4      0.0     11.0    10.6      56      20
## 13144    11.7    28.8      0.0     15.4    13.5      50      20
## 13145    12.9    30.6      0.0     11.6    11.2      48      28
## 13146    20.1    29.8      0.0      7.8     5.4      57      22
## 13147    16.3    22.2     43.8     11.8     1.7      50      37
## 13150    17.2    33.0      0.2     11.8    13.3      43      15
## 13151    19.6    35.1      0.0      9.8    12.7      43      13
## 13152    20.1    33.0      0.0     10.4    11.4      31      19
## 13153    19.0    32.0      0.0      7.0     7.9      35      17
```

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## 13154    19.3    31.7     0.0     9.4    12.2    57    20
## 13155    18.1    29.3     0.0    10.8     5.2    43    28
## 13156    19.0    23.8    34.8     9.4     0.3    44    13
## 13158    20.0    31.6     0.4     4.2    10.2    39    17
## 13159    22.3    30.1     0.0     7.8     1.8    48    20
## 13160    20.1    23.4     4.8     2.8     0.0    50    15
## 13161    19.4    25.2    17.8     5.4     0.1    52    17
## 13162    21.8    31.0     2.8     2.6     7.7    50    30
## 13163    22.6    27.9     6.8     6.2     2.2    39    13
## 13166    19.1    26.1    17.8     3.0     2.9    31    15
## 13169    20.2    31.9     0.0     6.6    13.1    35    13
## 13170    18.5    28.1     0.0     8.4     8.5    37    17
## 13172    17.5    30.5     0.0     7.8    12.8    31    17
## 13173    19.5    31.3     0.0     8.8    12.4    37    26
## 13174    17.4    31.2     1.6     8.8    12.5    39    24
## 13175    14.2    31.0     0.0     7.8    12.9    33     6
## 13176    15.4    32.3     0.0     8.0    12.9    35    11
## 13177    18.2    32.7     0.0     8.6    10.4    33    20
## 13178    17.4    31.2     0.0     8.0    11.2    31    20
## 13179    16.9    31.2     0.0     8.4    11.9    37    20
## 13180    16.9    31.9     0.0     7.6    12.3    28    19
## 13181    17.5    33.5     0.0     8.6    12.6    35    17
## 13186    18.9    31.6    14.6    30.6    11.5    30    19
## 13187    18.1    30.9     0.0     7.8    10.7    33    20
## 13188    18.3    29.2     1.8     8.4     2.3    43    26
## 13189    20.3    24.8     1.0     5.4     0.0    31    11
## 13190    19.7    30.5     3.2     2.6     6.0    43    20
## 13191    18.2    31.3     0.0     7.2    10.2    35    19
## 13192    20.2    32.6     0.0     6.2    11.6    39    22
## 13193    20.3    32.8     0.0     8.0    11.4    43    30
## 13194    21.9    33.7     0.0     9.2     7.5    46    17
## 13195    22.2    32.4     2.4     7.0    10.5    48    31
## 13196    18.3    33.2     0.0    10.0    11.8    39    22
## 13197    20.0    32.1     0.0     7.8     7.8    46    13
## 13198    21.0    28.9     0.0     6.8     7.5    39    30
## 13199    14.8    28.1     4.4     6.8    11.4    46    19
## 13200    11.5    26.7     0.0     7.4    11.9    37     9
## 13201    11.0    28.5     0.0     7.2    11.6    43     4
## 13202    11.6    30.9     0.0     8.0    11.9    44    11
## 13203    13.8    31.3     0.0     9.2    11.2    37    19
## 13204    17.6    31.5     0.0     6.4    10.9    35    19
## 13205    17.0    31.1     0.0     7.2    10.0    39    15
## 13206    17.2    29.5     0.0     7.8     4.9    37    15
## 13207    19.8    30.7     0.0     6.8     6.5    35    17
## 13208    18.0    31.8     0.0     4.8    10.4    35    19
## 13209    20.0    25.0     0.0     7.6     0.2    35     7
## 13210    18.2    30.9     0.4     2.2     9.4    46    15
## 13211    14.0    30.9     0.0     8.8    11.5    48    13
## 13212    16.6    32.4     0.0     9.4    11.2    46    15
## 13213    17.5    28.7     0.0     9.8     1.5    31    15
## 13215    17.9    29.0     0.0     5.2    11.4    57    17
## 13216    10.0    25.4     0.0    10.0    11.4    52    28
## 13217     9.1    29.1     0.0     8.2    11.3    33    15
## 13218    15.7    29.2     0.0     6.8    11.1    37    15
```

## 13219	16.8	29.6	0.0	6.8	7.2	31	17
## 13220	16.3	30.0	0.0	6.4	10.7	35	15
## 13221	14.5	30.0	0.0	7.6	11.1	31	13
## 13222	15.0	29.5	0.0	6.0	10.4	30	11
## 13224	12.1	30.4	0.0	7.6	11.3	35	9
## 13225	14.3	31.3	0.0	7.6	11.1	48	17
## 13226	12.0	32.7	0.0	7.6	11.2	50	13
## 13227	15.8	32.8	0.0	9.6	11.2	33	22
## 13228	17.9	31.0	0.0	7.0	10.7	37	26
## 13229	16.0	29.9	0.0	7.6	10.6	33	20
## 13230	16.8	31.3	0.0	6.8	10.5	33	24
## 13231	17.6	31.9	0.0	5.8	10.7	43	22
## 13232	15.1	26.1	0.0	8.4	10.8	43	11
## 13233	9.3	22.0	0.0	8.8	11.2	54	35
## 13234	8.8	24.7	0.0	10.2	10.7	37	20
## 13238	15.9	28.6	0.0	3.4	10.5	28	13
## 13239	18.6	29.0	0.0	5.8	3.6	52	17
## 13241	12.8	25.7	0.0	3.2	9.1	24	11
## 13242	13.1	28.8	0.0	4.6	10.7	30	15
## 13243	13.4	28.8	0.0	5.2	9.4	31	19
## 13244	12.2	29.4	0.0	4.6	11.0	26	15
## 13246	21.0	23.0	0.0	5.0	0.1	37	9
## 13247	16.4	24.5	1.8	0.8	6.6	39	13
## 13251	14.4	16.7	8.0	2.0	0.4	28	13
## 13252	10.9	25.1	9.6	4.6	9.8	28	13
## 13253	9.7	24.8	0.0	3.8	8.4	30	20
## 13254	9.8	25.9	0.0	4.2	10.2	33	22
## 13255	10.4	25.7	0.0	4.0	8.2	37	19
## 13256	14.8	23.2	6.2	3.8	6.3	28	4
## 13258	4.7	20.2	0.0	3.8	10.4	37	13
## 13259	4.2	20.8	0.0	4.6	10.0	30	7
## 13261	5.5	25.1	0.0	3.8	10.5	35	11
## 13262	6.8	27.4	0.0	4.6	10.5	28	13
## 13263	7.7	26.7	0.0	4.4	10.6	28	17
## 13264	7.2	26.6	0.0	5.4	10.4	31	24
## 13265	7.5	27.6	0.0	5.2	10.2	39	11
## 13266	5.0	17.7	0.0	3.8	10.4	46	22
## 13267	3.4	18.5	0.0	4.4	10.4	44	15
## 13272	5.4	23.0	0.0	14.0	10.3	31	11
## 13273	3.5	22.9	0.0	3.0	10.3	26	15
## 13274	6.5	23.7	0.0	3.6	9.0	31	15
## 13281	3.1	20.9	0.0	2.4	10.0	31	19
## 13282	5.9	22.4	0.0	2.8	10.0	26	15
## 13283	6.5	22.6	0.0	3.2	9.4	31	9
## 13284	7.0	22.6	0.0	4.0	9.0	30	11
## 13285	10.2	17.2	0.0	3.4	0.1	22	11
## 13286	13.0	18.7	2.2	0.2	0.0	31	13
## 13287	13.6	18.2	16.0	2.6	4.0	37	13
## 13288	12.0	15.3	2.2	1.2	0.9	37	15
## 13289	4.9	13.1	0.0	1.4	3.6	43	24
## 13290	6.0	18.0	0.2	1.2	8.8	37	19
## 13291	6.8	18.2	0.0	2.6	10.0	35	17
## 13292	5.6	19.3	0.0	3.8	6.5	24	15
## 13293	6.8	20.2	0.0	2.0	7.6	24	13

```
## 13294     4.9    20.4    0.0     2.0     9.5    33    13
## 13295     4.2    19.4    0.0     3.2     8.6    31    11
## 13296     6.0    20.5    0.0     2.6     9.8    35    11
## 13297     6.1    21.6    0.0     3.2     9.5    35    17
## 13298     6.9    20.8    0.0     3.2    10.0    33    15
## 13299     6.3    22.4    0.0     2.8    10.2    26    20
## 13300     8.7    22.1    0.0     3.0     8.0    35    28
## 13301     6.0    16.9    0.6     3.0     6.8    39    15
## 13302     2.5    17.1    0.0     2.6     9.2    37     7
## 13303     0.9    17.4    0.0     2.6     9.9    39     9
## 13304     0.9    18.2    0.0     2.6     9.8    19     6
## 13305     2.1    20.3    0.0     2.2    10.2    30    17
## 13306     6.6    22.2    0.0     3.6     6.7    44    22
## 13307     1.5    15.5    0.0     3.8     9.9    35    13
## 13309    -1.8    18.5    0.0     2.2    10.0    26    15
## 13310     1.9    18.9    0.0     2.8     5.2    26    15
## 13311     5.5    17.0    0.0     2.2     0.2    35    11
## 13312     9.3    20.9    0.2     0.6     6.0    31     7
## 13314     6.8    21.1    0.0     2.8     9.6    30     9
## 13315     7.0    17.2    0.0     3.2     7.8    44     9
## 13316     0.2    14.8    0.0     2.8    10.1    41    17
## 13317     1.6    15.2    0.0     2.8     9.9    39    17
## 13318    -0.4    15.3    0.0     3.2     9.4    33    17
## 13323     6.3    21.7    0.0    12.2     9.2    35    20
## 13324     9.1    18.9    0.0     4.2     0.6    52    22
## 13325    13.3    18.6    4.8     1.6     3.1    44    19
## 13327    14.7    18.1   14.6     0.4     0.2    26     9
## 13328    12.5    15.1   40.2     0.6     0.1    26    15
## 13329     7.6    14.5    0.2     0.8    10.1    39    19
## 13331     5.0    18.1    0.0     1.6     6.3    30    20
## 13332     9.0    14.7    0.6     1.8     0.4    20     9
## 13333     5.7    16.0    7.2     1.2     8.8    41    15
## 13334     2.5    16.9    0.0     3.4    10.0    39     9
## 13335     2.8    18.8    0.0     2.6    10.1    39    15
## 13336     4.4    18.8    0.0     3.2     9.1    33     7
## 13337     4.0    17.9    0.0     1.8    10.3    33    17
## 13341     4.9    15.9    1.2     2.8     9.9    39    15
## 13342     4.6    13.7    0.0     3.4     4.5    41    19
## 13343     2.3    16.3    0.0     1.0     9.7    37    17
## 13344     1.8    16.6    0.0     2.6    10.1    39    13
## 13345     1.5    17.4    0.0     2.6    10.3    26     2
## 13346     0.8    16.5    0.0     2.6    10.4    28     7
## 13347    -1.1    16.6    0.0     2.8    10.2    26     7
## 13353    -0.2    18.8    0.0     3.4    10.6    19    11
## 13354     4.0    19.2    0.0     3.0     2.9    39    13
## 13355     3.8    14.6    0.0     4.0    10.3    52    26
## 13356     0.5    16.8    0.0     4.2    10.6    43    19
## 13357     2.9    19.0    0.0     3.4    10.6    37    11
## 13358     1.8    19.6    0.0     3.8    10.7    20     9
## 13359     2.1    19.9    0.0     3.0     9.9    24    11
## 13360     1.8    23.1    0.0     3.2    10.6    30    17
## 13361     3.1    21.2    0.0     4.8    10.5    33     7
## 13362     1.8    21.9    0.0     4.0    10.6    61    15
## 13363     0.7    16.5    0.0     7.8    10.8    44    19
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## 13364     0.2    17.2    0.0     3.4    10.1    31      7
## 13365     3.8    18.9    0.0     2.6     9.3    24     11
## 13369     7.8    19.2    2.4     6.2    10.7    31     15
## 13370     2.3    21.0    0.0     4.8    10.8    30     13
## 13371     4.4    18.7    0.0     3.4    10.6    31      7
## 13373     3.2    21.5    0.0     3.6    10.8    39     19
## 13374     7.9    25.2    0.0     4.2    10.3    48     35
## 13375    14.0    23.5    0.0     7.0     7.7    35     19
## 13376     4.7    17.8    0.0     5.4     8.4    46     17
## 13377     1.6    17.1    0.0     5.0    11.1    39     28
## 13378     0.2    20.3    0.0     4.8    11.3    24     13
## 13379     1.6    21.8    0.0     3.8    11.3    24     11
## 13380     2.5    24.5    0.0     4.2    11.3    30     17
## 13384     2.9    19.9    0.0     7.8    11.1    46     24
## 13385     3.4    20.7    0.0     4.8    11.3    46     17
## 13386     5.8    24.3    0.0     5.6     9.2    37     20
## 13388    10.5    27.5    0.0     5.0    10.5    39     30
## 13389    14.1    29.3    0.0     7.4     9.2    74     35
## 13390     2.5    19.2    0.0     9.8    10.9    35     11
## 13391     1.2    22.8    0.0     5.2    11.4    19     11
## 13392     7.3    24.6    0.0     4.4    10.4    41     30
## 13393     9.8    19.2    0.0     5.0     2.2    33     19
## 13394     8.9    25.5    1.4     1.4    10.7    52     19
## 13395     8.5    25.2    2.8     5.6    10.9    35     20
## 13396     7.8    29.9    0.0     6.0    11.4    33     17
## 13397    14.0    27.5    1.4     8.2     6.1    41      7
## 13398     7.0    26.9    0.0     2.8    11.5    31      9
## 13399     5.9    29.3    0.0     6.0    11.2    24     17
## 13400    11.0    25.8    0.0     6.8    10.2    50     13
## 13401     3.5    27.3    0.0     7.2    11.7    31     11
## 13402    10.5    26.9    0.0     6.0    10.8    39     24
## 13404    15.1    31.0    0.0     7.8    10.8    44     28
## 13405    17.3    19.8    0.8     8.6     0.6    33     13
## 13406     6.5    20.8    4.4     1.4    11.3    39     19
## 13407     4.0    24.6    0.0     6.6    11.9    22      9
## 13408     9.5    25.9    0.0     6.0    11.6    31     15
## 13409     9.7    26.6    0.0     5.8    11.6    31      7
## 13410     8.2    30.2    0.0     5.6    11.7    30     19
## 13411    10.3    32.4    0.0     9.2    10.9    31     15
## 13412    12.2    34.2    0.0     7.8    10.8    43     17
## 13413    14.6    27.0    0.0     9.8    11.9    56     22
## 13414     5.3    26.9    0.0     9.2    11.8    33     20
## 13415     8.9    27.6    0.0     7.0    11.7    43     13
## 13416     9.8    32.0    0.0     8.8    12.0    57     30
## 13417    12.7    16.2    5.2    11.2     2.6    39     13
## 13418     5.9    17.1    4.2     0.6    10.0    57     30
## 13419     4.3    23.0    0.0     5.0    11.6    46      7
## 13420     4.9    24.0    0.0     5.6    12.1    50     11
## 13421     7.3    27.2    0.0     8.0    12.4    28     15
## 13422     9.8    30.2    0.0     6.6    12.0    41     30
## 13423    14.8    34.6    0.0     8.2    12.2    39     19
## 13427    16.7    32.9    0.0    14.6     6.2    76      4
## 13428    12.5    29.9    0.2     6.2    12.5    59     17
## 13429     9.1    27.1    0.0    14.0    12.6    48     31
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## 13430     9.2   29.3    0.0    10.4   12.7    52    24
## 13431    13.7   32.4    0.0     8.2   12.4    41    28
## 13432    13.2   34.7    0.0    10.2   11.2    56    17
## 13433    15.4   26.6    0.0    13.0    7.9    39    20
## 13434    11.5   28.4    0.0     8.0   12.0    37    20
## 13435    12.1   25.1    0.0     7.2    1.7    28    17
## 13436    16.3   25.1    0.0     5.0    4.5    33    19
## 13437    11.5   31.1    0.0     4.2   12.6    33    15
## 13438    14.5   35.7    0.0     8.4   12.3    43    17
## 13440    12.6   29.0    0.0    11.0    7.1    43    30
## 13441    18.8   30.5    0.0     8.8   11.7    48    31
## 13442    17.6   33.0    0.0     9.6   10.5    37    24
## 13443    18.1   33.5    0.0    10.0    8.4    41    28
## 13444    19.5   30.0    0.0    10.6    5.2    52    30
## 13445    19.7   31.7    0.0     9.6    5.3    48    33
## 13446    18.9   22.8    5.2     7.8    0.0    26     4
## 13447    18.5   25.1    0.0     2.0    0.4    33     7
## 13448    12.2   30.1    0.0     4.6   12.3    41    28
## 13449    11.4   29.7    0.0     9.0   13.2    37    17
## 13450    14.8   32.5    0.0     8.6   12.7    35    26
## 13451    18.7   36.1    0.0     9.4    9.6    44    24
## 13452    17.7   37.7    0.0    11.2   11.5    56    22
## 13453    18.4   33.1    0.0    14.8    0.7    56    13
## 13454    15.5   33.7    0.0     8.0   11.5    48    13
## 13455    18.3   32.3    0.4     8.2   10.3    41    13
## 13456    12.0   30.5    0.0    10.2   13.5    57    13
## 13457    12.7   31.5    0.0    14.0   13.4    37    24
## 13458    14.6   32.7    0.0    10.8   13.2    31    17
## 13463    21.6   36.0    0.4    47.2   12.0    41    26
## 13464    22.6   34.9    0.0    12.8    9.6    44    28
## 13465    23.6   35.3    0.0    11.0    4.8    54    22
## 13468    21.1   34.8    0.0    11.4   12.0    33    20
## 13469    19.4   38.9    0.0    10.8   12.9    35    15
## 13473    22.3   36.9    0.0    11.6   13.3    39    26
## 13474    20.3   35.2    0.0    11.8   13.6    37    17
## 13475    19.3   35.1    0.0    13.6   13.3    57    28
## 13476    23.9   40.5    0.0    14.0   11.5    54    33
## 13477    16.7   39.7    0.0    17.0   13.2    37     6
## 13478    24.0   41.4    0.0    12.8   12.7    50    33
## 13479    27.3   42.5    0.0    15.8   13.1    87    33
## 13481    22.1   36.3    4.6    14.0    9.4    52    24
## 13482    20.8   32.9    0.0    13.2   10.1    50    26
## 13483    19.8   35.0    0.0    12.0   12.6    39    24
## 13484    22.5   38.4    0.0     9.0   12.9    35    24
## 13485    25.2   41.6    0.0    13.0   12.7    46    30
## 13486    28.1   39.6    0.0    14.2    8.4    57    17
## 13487    22.5   32.9    0.0    14.8    1.2    44    22
## 13488    23.5   35.9    0.0     8.0   11.8    56    13
## 13489    22.9   34.8    0.4    10.6    7.5    50    22
## 13490    20.5   35.1   18.4    11.2   12.0    57    22
## 13491    21.1   33.9    5.2    10.4    9.8    54    22
## 13492    20.1   34.6    3.2    10.0   10.9    54    24
## 13493    22.5   33.5    0.0     6.4    4.5    57    30
## 13494    22.1   24.7    5.0     7.0    0.0    35    20
```

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## 13495   20.3   23.0   76.8    7.0    0.5   70   35
## 13496   20.3   32.3   54.6    5.8   11.3   35   19
## 13497   19.6   34.2    0.0    8.6   13.4   31    9
## 13498   20.4   33.0    0.0    8.0   13.1   35   20
## 13499   20.2   22.2   59.6    9.4    2.2   46   15
## 13500   18.2   28.8   11.4    0.6    7.1   54   24
## 13501   18.8   29.4    1.0    8.8    2.9   41   13
## 13502   17.4   30.4    0.0    5.6   10.9   46   17
## 13503   17.9   29.9    0.0    7.8   11.9   48   22
## 13504   16.1   29.5    0.0    9.2   11.5   37   20
## 13505   16.3   29.5    0.0    7.6   11.6   31   20
## 13506   16.4   29.6    0.0    7.8   11.1   37   26
## 13507   20.2   29.1    0.0    7.8    7.8   43   26
## 13508   17.5   29.8    0.0    5.6   11.3   37   19
## 13509   17.4   29.9    0.0    7.2   11.1   43   20
## 13510   16.4   29.9    0.0    8.0   11.1   37   17
## 13511   18.5   29.9    0.0    8.8   11.1   37   17
## 13512   15.6   31.5    0.0    8.0   11.2   43   11
## 13513   17.4   32.3    0.0    9.4   11.2   33    9
## 13514   18.7   33.2    0.0    7.8   11.1   35   20
## 13515   16.6   28.4    0.0    8.4   11.7   52   33
## 13516   13.5   29.4    0.0   11.2   11.0   37   22
## 13517   14.9   29.7    0.0    7.4   11.2   44   19
## 13518   14.2   28.9    0.0    8.2   11.4   37   19
## 13519   14.3   29.6    0.0    8.2   11.0   48   20
## 13520   18.9   31.9    0.0    8.0    6.0   43   22
## 13521   20.1   30.8    5.0    6.4    7.1   44   17
## 13522   20.0   32.7    4.6    4.4   10.3   31   13
## 13523   15.3   33.2    0.0    6.8   11.6   33   15
## 13524   17.7   30.4    0.0    6.8    6.9   33   20
## 13525   19.5   30.6    0.0    5.6   10.7   35   20
## 13526   18.9   30.4    0.0    6.6   11.3   37   22
## 13527   21.0   29.1    0.0    8.0    7.2   30   22
## 13528   12.0   30.1    0.0    7.0   10.3   39    7
## 13529   15.5   22.9    0.0    6.6    0.5   31    9
## 13530   11.2   27.8    0.2    2.0   10.8   30   11
## 13531   12.7   28.5    0.0    5.2   10.9   37    2
## 13532   10.5   29.4    0.0    7.0   11.3   35    7
## 13533   14.4   29.2    0.0    6.4   10.0   43   15
## 13534   11.2   28.1    1.4    8.2   10.3   48    7
## 13535   13.9   25.7    0.0    6.0    1.6   37    9
## 13536   13.8   26.6    8.8    4.4   10.4   44   15
## 13537   12.2   27.3    0.0    4.2   11.1   28   15
## 13538   13.8   26.8    0.0    5.4    9.2   33   15
## 13539   13.2   27.6    0.0    5.6   10.1   31   19
## 13540   13.5   28.1    0.0    5.4   10.6   39   20
## 13541   13.0   28.2    0.0    7.4    8.3   43   22
## 13542   14.5   28.2    0.0    8.0    7.9   28   17
## 13543   12.4   28.8    0.0    4.0    8.2   26    7
## 13544   15.2   29.7    0.0    4.0    6.2   26   11
## 13545   13.6   29.9    0.0    4.2    7.1   35   19
## 13546   11.7   28.4    0.0    5.2    9.7   35   13
## 13547    9.4   26.8    0.0    6.0   10.9   37    7
## 13548    8.7   23.0    0.0    8.0    9.2   41   15
```

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## 13549     4.3    22.6     0.0      6.4    10.9      48         7
## 13550     8.7    25.9     0.0      4.4    10.2      28        13
## 13551    15.2    28.3     0.0      6.8    10.3      35        20
## 13553     7.2    25.9     0.0      6.6    10.7      35         6
## 13557     9.6    28.4     0.0      4.0    10.6      31        19
## 13558    10.3    28.7     0.0      4.8    10.7      24        13
## 13559    10.9    28.9     0.0      4.4    10.5      33        15
## 13560    13.8    28.5     0.0      4.0    10.7      30        15
## 13563     8.5    27.3     0.0      8.8    10.4      56        11
## 13564     6.8    26.0     0.0      5.8     9.3      43        13
## 13565     9.5    24.7     0.0      4.6     5.7      33        19
## 13566    11.8    25.5     0.0      3.6     9.3      30        20
## 13567    10.8    25.3     0.0      4.2    10.4      30        20
## 13568     9.8    25.0     0.0      4.8     9.7      28        17
## 13569     8.3    25.0     0.0      4.0    10.4      31        19
## 13570     9.7    26.5     0.0      6.4    10.4      37        19
## 13571    10.4    25.7     0.0      3.8     9.1      30        20
## 13572    13.4    23.5     0.0      4.0     2.0      33        20
## 13573    14.4    19.1     7.0      3.2     4.7      35         9
## 13574     3.6    18.5     0.0      3.2     7.3      26         7
## 13575     8.0    21.2     0.0      2.6     9.1      30         9
## 13576     6.3    19.6     0.0      3.6    10.2      48        13
## 13577     2.7    18.6     0.0      3.8     8.2      43         6
## 13578     4.6    18.2     0.0      3.2     9.9      37        13
## 13579     3.2    18.6     0.0      5.4     9.8      39         7
## 13580     3.9    18.2     0.0      3.6     0.4      17        11
## 13581    10.9    12.3     0.2      1.4     0.0      61         9
## 13582    10.1    15.6    16.2      1.4     1.7      19        13
## 13583    10.2    19.6    11.2      0.6     7.7      56        22
## 13584     6.1    21.0     0.0      4.0     9.8      31        19
## 13586     3.0    22.1     0.0      3.2     9.9      26        17
## 13587     7.2    23.4     0.0      2.0     8.8      31         9
## 13588    10.6    23.8     0.0      4.0     8.2      39        17
## 13589     9.2    24.1     0.0      4.0    10.0      43        22
## 13590    10.0    24.8     0.0      3.8     9.7      31        22
## 13591    10.8    21.0     0.0      4.0     0.9      37        15
## 13592    13.4    17.0     5.8      4.4     3.4      52        17
## 13593     5.7    17.8     5.8      2.2     9.7      41        15
## 13594     0.8    20.4     0.0      3.2     9.9      19         9
## 13595     5.4    21.3     0.0      2.2     3.4      26        17
## 13596    10.8    22.1     0.0      2.2     1.9      33        19
## 13597    14.3    22.4     0.0      1.6     1.8      28        17
## 13598    11.8    24.6     0.0      2.6     6.8      30         7
## 13599    11.1    22.2     0.0      3.0     1.6      31        13
## 13600    14.1    17.1     0.4      1.0     0.0      30        13
## 13601     9.4    22.6     0.4      0.6     9.6      31        11
## 13602    12.9    23.2     0.0      2.4     4.1      52        30
## 13603    13.2    17.2    15.6      4.0     5.4      30        17
## 13604     8.4    15.8     0.0      3.0     4.5      37        13
## 13605     9.6    15.0     0.0      3.8     5.5      35        24
## 13606     2.9    15.8     0.0      2.6     7.4      31         9
## 13608     1.1    14.8     0.0      2.0    10.0      33         4
## 13609    -0.1    16.6     0.0      2.4     8.9      30        11
## 13611     8.0    18.0     0.0      2.6     6.2      26        11
```

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## 13612     2.3    18.4     0.0       3.6     9.9        15          9
## 13613     2.6    18.3     0.0       3.0     7.2        26         17
## 13614     1.7    17.5     0.0       1.2     8.8        31          7
## 13615     0.9    10.5     0.0       2.6     0.7        31         15
## 13616     0.4    16.7     1.4       0.4     9.3        24          9
## 13617     4.4    15.9     0.0       1.2     1.4        30         13
## 13618     9.6    21.0     1.2       4.2     7.3        30         13
## 13620     6.0    18.4     1.2       0.6     5.0        37          6
## 13621     6.5    19.7     0.2       1.4     9.7        46         19
## 13622     5.9    20.8     0.0       3.6     9.9        37         17
## 13623     2.2    21.7     0.0       3.6    10.0        26         17
## 13624     6.7    23.1     0.0       1.8     8.4        39         13
## 13625    13.8    21.9     0.0       4.0     7.6        39          9
## 13627    -0.2    17.2     0.0       3.4    10.1        30          9
## 13628    -1.3    17.3     0.0       2.2    10.1        24          9
## 13629     0.6    19.1     0.0       2.6     8.6        33         15
## 13630     8.7    19.8     0.0       3.0     1.0        30         15
## 13631     7.5    21.1     0.0       1.8    10.1        30         15
## 13633     5.7    21.6     0.0       2.4    10.0        31         13
## 13634     6.5    20.9     0.0       2.6     8.0        28         13
## 13635    11.1    20.7     0.0       2.6     1.7        35         15
## 13636    12.1    22.5     1.6       2.2     7.7        37         20
## 13637     8.2    22.6     0.0       3.2     9.9        31         17
## 13638     8.9    22.4     0.0       3.0     8.7        41         19
## 13639    12.5    23.0     0.0       4.0     5.3        52         30
## 13640    13.1    18.1    22.0       4.0     0.7        35         24
## 13641     3.1    15.6     3.2       0.6     8.1        26          4
## 13642     5.3    17.2     0.0       2.8     9.1        31         15
## 13644     2.4    16.8     0.0       2.0     9.2        31         20
## 13645     4.1    19.9     0.0       3.0    10.3        24          9
## 13646     3.9    19.6     0.0       3.6    10.1        20          9
## 13647     2.1    20.9     0.0       1.8    10.2        28         13
## 13648     6.2    21.0     0.0       2.0    10.4        41         17
## 13649     6.5    19.6     0.0       3.8     5.5        35         20
## 13650     7.4    20.4     0.0       2.6     7.7        35         15
## 13651     4.8    21.3     0.0       3.6    10.0        33         17
## 13653     7.3    21.7     0.0       3.0     9.8        31         19
## 13655     1.9    19.1     0.0       3.8    10.3        37          7
## 13656     3.8    20.3     0.0       2.6    10.4        30          7
## 13657     2.3    22.2     0.0       2.4    10.3        28         15
## 13658     4.3    24.7     0.0       3.4     7.8        33         15
## 13659     7.3    16.3     0.0       5.0    10.6        57         30
## 13660     1.3    18.5     0.0       6.2    10.1        31         11
## 13661     2.6    22.5     0.0       2.6    10.6        31         11
## 13662     7.0    25.5     0.0       4.4    10.2        24         13
## 13663    11.8    28.7     0.0       4.6     8.1        65         19
## 13664     4.3    21.6     0.0       7.4    10.7        28          7
## 13665     2.2    23.1     0.0       5.4     5.8        28         15
## 13667     0.8    22.5     0.0       6.4    10.3        44         20
## 13670     2.4    22.5     0.0       3.0    10.7        39          9
## 13671     2.1    15.0     0.0       5.2    11.0        48         19
## 13672    -1.1    15.9     0.0       5.0    10.9        39         13
## 13674     0.0    20.9     0.0       3.8    10.9        43          4
## 13675     3.3    21.5     0.0       4.0    11.1        39         13
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## 13676     4.0    23.4     0.0       4.6    11.1        30         20
## 13677     3.7    24.3     0.0       4.0    11.2        30         17
## 13678     5.9    25.4     0.0       4.4    11.0        30         15
## 13679     7.3    27.0     0.0       5.2    11.1        30         15
## 13680     9.7    27.9     0.0       5.8    10.7        46         30
## 13681    15.4    29.2     0.0       7.8    10.5        50         35
## 13682     9.0    27.0     0.0       7.8     6.1        46         13
## 13683     9.9    29.0     0.0       4.0    10.9        37          9
## 13684     8.6    26.2     0.0       6.8    11.2        35         19
## 13685     9.8    25.6     0.0       4.8    11.2        31         17
## 13686     7.7    24.6     0.0       5.0    10.9        26         13
## 13688     7.9    27.9     0.0       4.4    10.9        26         17
## 13689     8.3    29.5     0.0       5.6    11.0        28         19
## 13690     9.2    30.7     0.0       6.2    10.0        30         19
## 13691    10.5    29.1     0.0       5.2    11.0        33         26
## 13692    13.2    29.5     0.0       7.6    11.0        41         24
## 13693     9.8    26.9     0.0       8.6    11.2        31         11
## 13694     5.5    27.1     0.0       6.8    11.0        31          7
## 13695     9.7    29.7     0.0       5.2    10.2        56         19
## 13696    14.9    27.3     0.4       8.2    11.2        46         20
## 13698    15.8    18.8     1.0       7.6     0.0        76         17
## 13699     9.9    22.7    23.6       3.8    10.4        50         17
## 13700     7.7    26.0     0.0       4.8    11.0        39         11
## 13701     8.5    25.0     0.0       7.0    11.5        48          7
## 13702     6.1    24.5     0.0       7.2    11.4        54          7
## 13704     4.3    26.1     0.0       4.6    11.4        31         13
## 13705     7.2    30.9     0.0       7.0    11.3        33         19
## 13706    16.5    34.0     0.0       8.8    10.5        56         28
## 13707    12.3    34.4     0.0      10.6    11.2        35         22
## 13708    16.7    36.3     0.0      10.8    10.9        56         28
## 13709     5.8    30.7     0.0       7.8    11.6        48         11
## 13710    16.6    32.5     0.0       8.0    10.4        43         19
## 13711     7.6    28.5     0.0       8.0    11.3        39         13
## 13712     8.7    31.9     0.0       8.0    11.6        35         26
## 13713    16.0    34.7     0.0       9.4     4.8        83         30
## 13714    13.6    26.3     9.0       8.8     8.6        30         13
## 13715    11.5    22.3     0.0       4.6    11.3        67         31
## 13716     4.3    24.2     0.0       6.2    12.0        41         15
## 13717     6.3    28.8     0.0       6.4    11.6        31         17
## 13718     7.5    32.9     0.0       5.4    11.8        35         17
## 13719     9.7    31.6     0.0       9.2     9.0        46          4
## 13720     7.9    27.4     0.0       8.6    11.8        54         17
## 13721     8.1    29.3     0.0      11.6    11.8        33         19
## 13722    10.4    34.1     0.0       7.6    11.7        46         30
## 13723    15.2    31.3     0.0      12.0    11.6        52         19
## 13724    10.7    34.0     0.0      11.8    10.3        41         28
## 13725    20.6    31.2     0.0      11.8     2.5        63         28
## 13726    11.2    22.9     0.4       9.6    11.9        69         33
## 13727     4.5    25.1     0.0      10.0    12.3        31         13
## 13728     7.4    30.0     0.0       7.6    11.9        46         24
## 13729    17.7    33.6     0.0      10.8     9.1        74         37
## 13733    17.8    33.2     0.0       9.4    12.6        41         28
## 13734    18.9    34.6     0.0      10.0    12.5        46         33
## 13735    19.0    34.9     0.0      13.0     8.0        61         35
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## 13736    18.8    27.0     0.2      9.6    10.4        52        31
## 13737     5.9    28.1     0.0     10.4    12.6        35         9
## 13738     6.7    27.8     0.0      8.0    12.4        46        15
## 13739     8.3    29.7     0.0     11.8    12.7        33        17
## 13740    11.8    33.6     0.0      7.6    11.6        50        35
## 13741    19.2    30.5     0.0     10.4     7.1        57        37
## 13742    10.3    29.8     0.0     10.8    12.8        43        15
## 13743    12.5    29.8     0.0      9.8    11.7        35        20
## 13744    16.2    30.5     0.0      8.0    11.3        43        33
## 13745    17.3    33.0     0.0     12.0    11.3        41        26
## 13746    16.2    37.4     0.0     10.4    11.9        54        19
## 13747    14.8    29.7     0.0     15.0    12.9        46        26
## 13748    15.2    29.3     0.0     13.0    11.9        43        26
## 13749    13.5    29.9     0.0      9.2    12.7        35        24
## 13750    15.7    32.3     0.0     12.0    12.6        43        28
## 13751    16.2    35.6     0.0      8.0    12.9        44        30
## 13752    21.7    36.8     0.0     15.0     9.2        56        20
## 13753    16.9    32.5     0.0     14.4     9.5        41         2
## 13758    11.7    31.5     6.6     38.4    13.0        57        19
## 13759    11.8    32.0     0.0     12.0    12.7        50        15
## 13760    13.7    29.1     0.0     10.6     9.2        59        15
## 13761    11.2    27.6     0.6      7.6    12.1        54        11
## 13762    11.0    30.6     0.0      9.6    11.1        37        15
## 13763    14.5    35.0     0.0      9.8    12.5        44        13
## 13768    13.2    31.4    13.6     34.6    13.2        57         6
## 13769    16.0    32.0     0.0     11.4    13.3        33        19
## 13770    15.7    32.8     0.0     12.0    13.3        37        20
## 13771    17.0    36.1     0.0     11.2    13.0        48        28
## 13772    20.7    23.3     0.6     15.6     0.6        48        15
## 13773    14.8    30.7     6.0      0.4    13.2        35        22
## 13774    13.3    30.1     0.0     11.0    12.9        35        20
## 13775    14.4    31.6     0.0     10.8    13.3        33        17
## 13776    15.4    34.1     0.0     10.0    13.4        37        26
## 13777    18.8    36.1     0.0     10.8    11.5        48        35
## 13778    19.0    27.2     8.6     14.2     9.5        63        41
## 13779     9.0    24.9     0.4     12.4    13.3        54        30
## 13780     8.5    30.4     0.0      8.8    13.7        33        22
## 13782    20.7    36.8     0.0     11.8    11.1        48        31
## 13783    23.8    35.7     0.0     15.2     1.6        56        35
## 13784    18.2    34.2     0.0     10.6     7.0        50        11
## 13786    15.4    35.6     0.0     12.0    13.3        31        20
## 13787    18.9    36.5     0.0     12.0    13.3        44        30
## 13788    19.8    36.7     0.0     12.8    13.3        50        35
## 13789    21.0    36.0     0.0     11.8    11.9        85        33
## 13790    16.2    33.7     0.0     12.8    13.1        37        24
## 13792    18.1    34.8     0.0     14.4    13.0        41        26
## 13793    19.1    35.5     0.0     12.8    13.0        35        24
## 13794    20.9    37.9     0.0     13.0    13.3        37        28
## 13795    24.2    37.7     0.0     15.8    12.6        52        33
## 13796    23.0    37.8     0.0     13.8    12.0        48        33
## 13797    24.1    35.9     0.0     15.2     1.4        52        24
## 13798    24.4    34.4     0.0     11.4     3.8        52        28
## 13799    22.8    35.7     0.0     11.0    10.5        48        20
## 13800    17.8    38.5     0.0     15.8    13.5        57        13
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## 13801    22.1    39.2     0.0    12.0    13.3        44          31
## 13802    23.4    43.6     0.0    12.6    13.2        56          24
## 13803    21.5    38.8     0.0    19.0    13.2        46          30
## 13804    22.2    37.7     0.0    14.6    12.8        41          20
## 13805    21.6    37.4     0.0    13.0    12.5        50          31
## 13806    24.8    39.9     0.0    14.8     9.3        50          28
## 13807    28.3    47.3     0.0    16.0    12.0        61          33
## 13808    26.6    35.7     0.0    23.6    13.6        56          35
## 13809    14.8    36.7     0.0    15.4    13.5        39          15
## 13810    15.8    36.2     0.0    11.6    13.6        57          17
## 13811    13.0    36.3     0.0    18.8    13.4        54          15
## 13812    19.0    34.4     0.0    12.2    10.8        59          26
## 13813    20.3    30.8     0.0    14.2     2.3        52          19
## 13814    17.6    31.5     0.0    11.6     4.6        41          28
## 13815    22.1    33.7     0.0     8.0     9.9        37          28
## 13816    19.5    38.6     0.0    11.0    11.4        39          19
## 13817    21.8    35.8     0.0    13.2    13.0        39          24
## 13818    20.5    36.7     0.0    13.4    13.5        43          19
## 13819    20.5    36.7     0.0    14.4    13.3        46          22
## 13820    20.4    37.3     0.0    13.6    13.5        37          20
## 13821    22.5    36.1     0.0    16.0    13.0        39          28
## 13822    21.1    36.5     0.0    15.0    13.2        41          28
## 13823    22.3    38.5     0.0    16.0    12.8        57          30
## 13824    24.6    41.8     0.0    14.2    11.9        63          31
## 13825    27.4    42.5     0.0    15.6    13.1        54          33
## 13826    19.5    40.7     0.0    18.2    10.4        57           9
## 13828    17.2    30.2    20.8     9.0     1.2        41          24
## 13829    20.4    34.2     0.4     4.4    11.3        44          33
## 13830    19.2    33.9     0.0    11.0    13.0        56          28
## 13831    16.5    33.4     0.0    12.8    13.2        54          19
## 13832    16.5    33.6     0.0     8.6    13.2        43          19
## 13833    17.1    34.8     0.0     8.6    13.2        41          20
## 13834    16.5    34.6     0.0     9.6    13.3        56          20
## 13838    18.0    35.6     0.0    11.2    13.0        39          17
## 13839    19.6    35.9     0.0    11.8    12.4        54          24
## 13840    20.0    33.6     0.0    13.4    10.2        48          19
## 13841    19.6    30.6     0.0    10.8     3.9        33          20
## 13842    18.2    33.7     0.0     8.0    12.9        35          22
## 13843    19.8    35.9     0.0    12.0    12.8        39          31
## 13844    20.2    36.8     0.0    11.2    12.9        39          28
## 13845    23.6    40.0     0.0    12.0    10.6        83          19
## 13846    21.4    36.1     3.6    13.2    12.0        46          28
## 13847    22.3    39.0     0.0    10.8    12.5        52          28
## 13853    21.0    35.7     0.0     7.4     8.9        61          33
## 13854    23.0    31.6     1.2     8.6     2.9        61          30
## 13859    17.0    32.4     0.0    10.6    12.4        31          22
## 13860    19.0    32.5     0.0     8.6    12.4        33          19
## 13861    20.4    30.0     0.0     9.8     5.4        44          31
## 13866    21.0    33.0     0.2    32.2     7.6        44          19
## 13867    19.6    30.2     0.0    10.6     8.6        39          28
## 13868    20.7    32.4     0.0     8.6    10.0        33          17
## 13872    17.7    32.8     0.0    31.4    11.3        44          26
## 13873    16.7    33.8     0.0    11.2    11.6        44          22
## 13874    17.6    33.1     0.0    10.8    11.5        46          19
```

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## 13875    17.4    32.6     0.0     9.2    11.7      31      15
## 13880    15.6    30.8     1.0    34.2    11.5      37      13
## 13881    14.9    34.5     0.0     9.6     9.8      33      17
## 13882    21.0    35.4     0.0     8.4     9.4      67      26
## 13886    18.6    33.3     0.0    18.0    10.1      46      24
## 13887    18.3    28.9     6.2     8.6     5.8      35      20
## 13888    17.5    25.0     1.0     5.4     0.1      39      13
## 13889    18.2    20.8    14.2     4.0     0.0      46      17
## 13894    19.1    31.2     0.0    18.4    10.1      31      19
## 13895    18.8    30.5     0.0     5.2     9.8      35      17
## 13896    20.4    31.3     0.0     5.6     9.4      39      24
## 13900    19.1    29.6     4.8    17.4    10.6      41       2
## 13901    14.6    28.7     0.0     7.0    10.4      33      19
## 13902    14.1    28.2     0.0     7.2    11.0      28      19
## 13903    14.4    28.5     0.0     6.2    10.4      30      19
## 13908    16.3    28.5     0.0    23.0    10.5      33      24
## 13909    14.0    26.2     0.0     6.4     8.6      30      24
## 13910    13.9    27.4     0.0     4.4    10.8      31      17
## 13914    10.1    26.5     0.0    14.2    11.0      35      13
## 13915     9.0    27.6     0.0     5.2    10.9      20       9
## 13916    11.4    29.8     0.0     5.0    10.0      35      22
## 13917    15.2    30.2     0.0     6.2    10.4      39      17
## 13922    13.7    26.1     4.8    18.0     8.2      30       4
## 13923    12.2    26.9     0.0     3.8    10.3      33      17
## 13924    16.4    19.5     0.0     5.6     0.7      31      13
## 13928     6.3    15.9     0.0    11.6     4.2      37      24
## 13929     4.6    17.4     0.0     2.4     8.6      46      11
## 13931     6.4    22.8     0.0     3.4     9.0      26      13
## 13936    10.8    26.0     0.0    15.2    10.0      31      22
## 13937     9.1    25.4     0.0     4.8    10.5      30       7
## 13938     9.5    24.4     0.0     5.2    10.5      33      20
## 13942    12.0    24.0     0.0    17.0     3.0      37      19
## 13943    13.4    24.9     0.0     3.6     5.5      31      15
## 13944    13.5    22.0     0.0     4.0     0.0      30      13
## 13945     9.8    26.4     0.0     3.2     9.9      31      11
## 13950    11.8    27.6     0.0    12.4     9.9      26      19
## 13951    14.2    25.9     0.0     5.0     9.9      50      28
## 13952    14.6    24.7     0.4     6.2     7.7      50      15
## 13956    15.2    21.4     0.0    12.2     2.5      50      35
## 13959     5.3    16.9     0.0     2.2     6.3      17       2
## 13964     5.9    21.4     0.0    11.0     9.9      35      19
## 13965     7.3    22.7     0.0     4.6    10.0      35      17
## 13966     7.1    20.8     0.0     5.0     9.8      31      19
## 13970     6.6    13.6    15.2     8.8     3.7      35      13
## 13971     4.8    16.0     0.0     0.6     8.8      35      13
## 13972     3.1    17.2     0.0     3.2     9.9      44      13
## 13973     2.4    21.7     0.0     1.8     9.8      20      15
## 13978     5.3    21.4     0.4    10.2     9.2      37      15
## 13979     7.4    15.9     0.0     3.4     9.5      46      28
## 13980     2.7    17.4     0.0     4.0     9.3      39       7
## 13984     5.1    15.2     0.8    10.0     9.6      44      24
## 13985     5.2    15.2     0.0     4.0     8.5      46      13
## 13986     0.2    15.4     0.0     2.8     9.9      41      11
## 13992     2.6    15.8     0.0    13.0     9.3      41      17
```

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## 13993    -0.8   18.0    0.0     3.2    9.9     19      13
## 13994     1.8   22.3    0.0     3.2   10.0     44      24
## 13998     1.4   17.1    0.0     9.4    9.9     35      20
## 13999     2.7   20.2    0.0     3.2    8.9     33      15
## 14000    10.2   21.6    0.0     4.0    4.2     37      19
## 14001    11.9   18.7    5.0     4.6    7.2     39      13
## 14008     5.3   20.8    0.0     2.8    8.3     28      19
## 14013     0.3   18.9    0.0     5.2   10.4     37       9
## 14014     2.5   21.0    0.0     3.4   10.5     28      11
## 14015     3.5   22.6    0.0     3.6   10.4     28      11
## 14020     8.9   20.7    0.0    20.6    5.0     37      24
## 14021     6.8   21.3    0.0     3.4    9.8     33      13
## 14022     5.9   21.3    0.0     4.2   10.5     31      13
## 14026     2.6   22.4    0.0    13.4    9.5     35      13
## 14027     2.1   20.2    0.0     3.6   10.6     37       6
## 14028    -0.2   19.1    0.0     5.0    9.9     33       2
## 14029     5.0   20.4    0.0     4.2    5.3     28      17
## 14034     7.8   15.1   27.4    15.0    2.8     48      20
## 14035     9.5   16.4    0.4     2.0    4.9     33      26
## 14036     4.8   20.2    0.0     2.0   10.8     31      13
## 14048     6.3   24.9    0.0    19.6   10.0     31      17
## 14049    11.8   19.2    0.0     5.8    7.6     63      17
## 14050     4.8   19.2    0.0     6.4   10.9     56      26
## 14054     8.6   23.8    0.0    18.4    9.4     39      28
## 14055    10.0   24.9    0.0     5.0    9.3     35      20
## 14056    10.8   26.4    0.0     6.4   11.0     48      30
## 14057    16.1   25.4    0.0     7.8   10.5     56      22
## 14062    12.1   29.0    0.0    26.8   11.1     33      22
## 14063    12.2   27.1    0.2     7.6   10.7     57      20
## 14064     7.6   23.9    0.0     8.8   11.6     54      20
## 14069    13.3   24.0    0.0     6.0    3.5     35      24
## 14070    11.6   26.9    0.0     6.6   10.6     33      19
## 14077    13.9   33.1    0.0     7.2   11.4     35      22
## 14078    15.8   27.3    0.0    10.8   11.7     54      30
## 14083    14.2   32.3    0.0     7.2   11.7     33      19
## 14084    17.6   33.7    0.0    11.0    8.9     52      26
## 14085    12.4   28.4    0.0    10.8   11.3     46      19
## 14091    10.4   19.4    2.8     7.0   10.3     56      35
## 14092     6.8   22.3    0.0     8.2   10.0     44      20
## 14096    13.1   29.3    0.0    26.4   12.5     37      22
## 14097    15.5   33.7    0.0     7.4   12.1     43      22
## 14098    16.2   30.8    0.0    10.2   12.2     41      15
## 14099    14.7   30.2    0.0     9.8   12.1     35      22
## 14106    12.7   32.5    0.0    14.4   12.7     50       6
## 14110    14.4   27.2    3.8    34.4   12.2     52      35
## 14111     9.1   31.2    0.0    11.2   12.5     48      20
## 14112    17.7   30.8    0.0    10.4   10.1     54      31
## 14113    18.1   32.3    0.0    10.8    9.1     57      35
## 14118    22.4   37.7    0.0    42.4   12.6     63      30
## 14119    19.5   38.2    0.2    12.2   13.0     50      24
## 14120    19.3   35.8    0.0    15.0   13.0     41      26
## 14124    23.8   33.7    0.0    46.6   10.4     70      43
## 14125    16.6   32.4    0.0    15.0   13.3     39      17
## 14126    15.4   33.5    0.0    12.0   11.8     48      13
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## 14127    16.6    36.4     0.0    13.4    12.1    37    22
## 14132    23.1    39.4    15.8    60.2     9.5    54    31
## 14133    21.6    30.6     0.0    13.2     2.0    39    20
## 14134    21.1    31.3     0.0     7.8     1.4    39    26
## 14138    18.3    32.8    11.8    38.4    10.3    43    28
## 14139    20.9    31.2     0.0    11.6     3.1    43    28
## 14140    21.5    35.6     0.0     9.6    12.4    44    31
## 14141    22.5    37.6     0.0    13.6    10.3    46    31
## 14146    22.5    34.2    44.8    37.6     9.9    48    26
## 14147    22.0    34.4     0.6    10.4    10.5    63    22
## 14148    22.0    37.4     0.0     8.4    13.4    44    17
## 14152    15.0    31.8     0.0    36.4    13.4    39    11
## 14153    18.5    36.0     0.0    10.8    13.4    46    20
## 14154    20.6    39.3     0.0    12.0     7.7    76    26
## 14155    20.4    40.2     1.0    12.0    11.6    80    11
## 14160    21.6    36.0     0.0    48.4    12.8    43    30
## 14161    22.0    31.3     0.0    14.8     2.0    54    20
## 14162    20.5    37.3     2.2     4.8    11.9    44    17
## 14166    17.5    22.7     6.2    21.8     0.0    33    17
## 14167    17.6    33.1     3.0     0.4     9.9    28    11
## 14168    22.4    38.1     0.0     7.2    13.3    54    13
## 14169    15.9    37.2     0.0    16.4    13.7    41    13
## 14174    22.1    29.4    44.6    43.6     0.8    43    20
## 14175    20.7    33.4     0.0     6.0    11.3    44    17
## 14176    20.0    33.7     0.0     9.8    13.5    37    19
## 14180    25.3    31.8     0.0    35.0     0.0    43    26
## 14181    20.7    29.6     2.4     5.8     0.5    35    26
## 14182    21.7    29.3     1.8     5.2     0.8    41    20
## 14183    23.4    34.9     1.6     6.2     6.4    48    20
## 14188    16.7    35.8     0.0    50.4    11.2    54     6
## 14189    22.6    36.0     0.0    11.2     9.5    72    35
## 14190    19.7    27.9     8.6    12.2     4.5    56    33
## 14194    22.8    38.5     2.0    20.6    13.3    48    15
## 14195    22.8    38.6     0.0    12.0     9.3    54    20
## 14196    20.7    33.7     1.0     8.0     7.5    98    15
## 14202    16.6    33.7     0.0    35.8     8.9    54    24
## 14203    17.0    26.9     3.2    12.8     1.5    39    11
## 14204    15.1    31.8     0.0     7.2    12.6    31     7
## 14210    19.8    34.9     0.0    54.0    11.4    39    17
## 14211    18.7    33.7     0.0    11.4    12.6    35    20
## 14216    18.1    33.6     0.2    41.2    12.5    37    26
## 14217    20.4    33.3     0.0     9.6    10.8    43    15
## 14218    17.7    35.1     0.0    11.2    12.3    48    20
## 14222    21.7    36.9     1.0    23.8    10.8    39    15
## 14223    22.1    37.2     0.0    10.6    12.6    37    19
## 14224    21.2    37.3     0.0    11.4    11.6    61    13
## 14225    20.9    35.6     0.0    11.8    11.1    56    17
## 14230    21.5    36.4    14.2    32.8    11.9    41    26
## 14231    20.1    35.4     0.0    10.2    11.7    39    28
## 14232    23.6    38.4     0.0    10.4    11.2    39    24
## 14236    17.6    32.3     0.0    35.6     1.5    33    24
## 14237    20.1    37.1     0.0     6.4    11.6    43    22
## 14238    22.3    36.0     0.0     9.8     9.7    61    28
## 14239    21.1    27.5     1.6    10.0     3.2    39    13
```

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## 14244    15.7    32.5     0.4    34.4    11.4      44      28
## 14245    19.1    32.6     0.0     9.2     9.5      61      39
## 14246    19.2    34.8    11.6    11.4     8.6      52      30
## 14250    18.9    30.5    12.8    31.0    10.1      39      15
## 14251    17.6    31.2     0.0     6.8    11.6      35      20
## 14265    14.9    28.5    50.0    35.4     9.7      56      19
## 14266    15.0    23.0     2.2     6.2    10.7      72      15
## 14267     8.2    19.4     0.0     6.8    10.6      39      24
## 14271    12.9    27.6     0.0    14.4     6.3      31      20
## 14272    12.6    27.7     0.0     4.0    11.1      30      17
## 14273    14.0    27.8     0.0     5.4    11.1      37      24
## 14274    16.6    28.9     0.0     6.0    10.9      35      24
## 14279    10.0    18.8     9.0    19.0     6.3      33      24
## 14280     6.8    14.7     0.0     2.8     1.3      37      11
## 14281     8.2    20.1     1.4     1.2    10.1      31      15
## 14285     9.5    19.4     0.0    17.2     9.3      52      31
## 14286     8.2    20.4     0.0     5.4    10.8      39      30
## 14288     9.5    25.0     0.0     3.8     9.7      35      28
## 14293    13.4    26.1    18.4    11.6    10.2      31       9
## 14294    13.2    27.6     0.2     3.6    10.5      33      17
## 14295     9.8    21.8     0.0     4.6    10.4      43      22
## 14300     5.5    22.7     0.0     4.2    10.4      39      13
## 14314     7.8    21.8    14.2    20.6     9.0      26      17
## 14316     7.2    21.8     0.0     1.2     9.0      28      17
## 14320    13.2    20.5     0.0     6.2     1.5      37      11
## 14321     7.6    16.3     0.8     1.8     8.6      44      11
## 14322     0.6    14.2     0.0     2.8     9.6      35       9
## 14323    -0.3    16.0     0.0     2.8     8.2      26      13
## 14327     5.8    22.3     0.0     7.2     9.9      28      15
## 14328     6.4    23.0     0.0     3.0     9.6      30      19
## 14329     7.9    23.6     0.0     3.0     4.5      26      15
## 14330     6.4    22.7     0.0     1.8     9.9      33      17
## 14335    12.0    23.4     0.0    14.0     4.5      39      24
## 14336    13.9    16.9     3.2     3.2     0.0      39      20
## 14337    14.5    19.4    53.4     4.4     3.2      37      20
## 14341     3.3    17.6     0.4     5.4    10.0      22       7
## 14342     5.1    19.6     0.0     2.2    10.0      30      19
## 14343     8.9    20.8     0.0     1.6     7.3      33      15
## 14344    12.0    20.4     0.0     3.4     2.7      52      26
## 14349     5.8    21.0     0.2    10.2     9.7      28      17
## 14350    10.4    16.5     0.0     2.2     1.0      33       9
## 14351     9.9    17.3     3.8     1.0     7.3      35      11
## 14355     4.7    19.9     0.2     6.0     9.8      28      11
## 14358     2.0    18.5     0.0     3.0    10.1      31      15
## 14363     5.1    12.3     8.0    11.4     0.5      52      35
## 14364     4.9    15.5     0.0     1.8     6.6      37       9
## 14365     3.7    14.8     0.0     2.6     3.5      31      17
## 14369     3.2    17.5     0.4     5.4    10.3      28      15
## 14370     2.7    19.1     0.0     2.0    10.0      28      13
## 14371     4.0    20.2     0.0     3.2     9.2      31      17
## 14372     6.9    18.4     0.0     2.4     0.9      37      20
## 14377     5.7    13.4    17.8     6.6     9.3      39      22
## 14378    -0.1    14.4     0.2     3.0     9.8      35       9
## 14379     0.2    17.3     0.0     2.2    10.5      33      17
```

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## 14383    7.2   24.5   0.0    9.2   10.2   33   22
## 14384    7.5   16.8   0.0    4.2   10.1   41   28
## 14385    1.3   13.9   0.0    4.4    9.8   46   17
## 14386   -0.3   13.3   0.0    3.0    9.9   50   17
## 14391    2.3   20.7   0.0   11.6   10.9   24   13
## 14392    3.1   22.4   0.0    3.6    8.0   33   20
## 14398    2.8   19.7   0.0    2.6   10.8   33    9
## 14399    1.7   19.7   0.0    3.8   10.5   46    6
## 14400    2.7   20.0   0.0    3.8   10.4   24   15
## 14405   15.7   25.7   4.8   17.8    7.9   43   30
## 14406   10.5   17.8   0.6    3.2    6.6   33   24
## 14411    3.0   17.3   0.0    8.4   11.2   46   15
## 14412    2.0   18.1   0.0    4.8   10.7   37   13
## 14413    2.2   19.2   0.0    3.8   11.1   31   11
## 14414    5.3   23.7   0.0    4.8    5.4   43   19
## 14420    6.7   18.7   0.0    5.4   10.8   44   33
## 14421    4.2   20.4   0.0    6.2   11.2   43   19
## 14425    8.4   26.0   0.0   14.4   11.1   31   19
## 14426    9.0   25.8   0.0    4.8   11.2   37   24
## 14427   11.3   28.5   0.0    6.2   11.1   48   30
## 14428   11.7   28.9   0.6    8.6    9.7   39   17
## 14434    9.7   23.9   0.0    5.0   11.2   52   22
## 14435    4.1   20.8   0.0    9.0   11.5   46   19
## 14440    7.1   25.7   0.0    7.2   11.6   28   13
## 14441    8.1   28.2   0.0    7.4   11.2   39   19
## 14442    9.5   29.6   0.0    7.0   10.6   28   17
## 14453   15.3   29.8   0.0   27.4   11.7   39   28
## 14454   16.5   31.6   0.0    8.0    7.6   50   20
## 14455   18.2   33.3   0.0    9.2    8.5   50   17
## 14456   16.4   31.7   0.0    9.4   11.5   41   31
## 14467   18.9   30.8   0.0   27.0    7.0   41   30
## 14468   19.6   33.9   0.0   10.0    9.1   72   31
## 14469   15.5   32.0   3.0    8.2   11.8   56   19
## 14470   15.7   28.2   1.4    9.0   11.1   48   24
## 14476   20.7   36.8   1.8    8.8   10.8   50   26
## 14477   21.9   31.5   0.4   10.6    3.2   52   19
## 14481   16.7   32.3   0.0   25.4    8.5   50   13
## 14482   18.2   30.1   0.8    8.4    7.8   26   17
## 14483   16.9   31.6   0.0    7.6   11.6   33   22
## 14484   19.0   32.5   0.0    8.8   12.0   41   28
## 14490   17.0   30.3   0.0   11.2   12.7   33   17
## 14491   17.7   34.0   0.0    7.0   13.1   43   22
## 14495   18.4   36.7   0.0   37.6   12.7   52   35
## 14496   19.4   35.1   0.0   10.8   13.1   52   17
## 14497   13.6   34.7   0.0   14.4   13.5   33    7
## 14498   16.9   37.7   0.0   10.8   13.1   41   30
## 14503   16.8   36.9   0.0   57.2   13.1   41   17
## 14504   20.8   36.7   0.0   12.6    5.6   67   26
## 14505   20.1   32.0   4.8   11.2    3.9   54   22
## 14509   18.0   35.2   0.0   31.4   13.5   37   24
## 14510   19.4   35.7   0.0   11.6   12.9   41   30
## 14511   21.5   36.3   0.0   14.0   11.3   56   41
## 14512   23.1   35.2   0.6   13.8    5.7   41   20
## 14517   19.7   35.4   0.0   48.8   13.0   50   24
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## 14518    23.5    37.1     0.0    12.0     8.2      52     26
## 14519    20.2    31.5     3.2    10.4     6.0     117     22
## 14523    20.3    34.6     0.2    28.6    13.5      46     31
## 14524    21.6    35.3     0.0    14.2    12.2      44     28
## 14525    23.1    34.3     0.0    10.2     5.7      52     26
## 14526    21.2    31.8     1.8     9.6     8.2      48     30
## 14531    19.6    32.7    11.4    33.6    12.8      48     28
## 14532    16.1    31.8     0.0    14.4    13.6      43     11
## 14533    15.7    34.3     0.0    11.4    13.6      33     19
## 14537    18.5    19.7    22.4    30.4     0.0      39     19
## 14538    17.6    28.2    20.6     2.2     3.5      33     26
## 14539    19.7    27.3     0.2     4.2     3.2      54     11
## 14540    17.0    29.8     0.6     4.8    12.0      50     20
## 14545    21.7    36.7     0.0    37.4    12.9      43     28
## 14546    23.2    38.8     0.0    10.4    10.8      50     22
## 14547    23.4    38.6     0.0    11.2     8.7      48     20
## 14551    15.0    30.6     2.0    23.4    13.1      39     20
## 14552    17.3    32.1     0.0     9.6    13.1      35     19
## 14553    20.0    34.3     0.0     9.2    12.8      43     30
## 14554    20.5    37.0     0.0    11.4    12.7      41     28
## 14559    23.7    36.3     2.2    43.0    10.3      52     35
## 14565    18.7    33.0     7.6    21.8    12.0      41     11
## 14566    17.0    34.1     0.0    10.4    12.6      50     13
## 14567    14.9    33.5     0.0    11.2     4.3      35     11
## 14568    23.1    31.0     0.4     5.2     2.6      33     13
## 14573    19.7    34.5     0.0    36.2    12.9      31     19
## 14574    19.0    34.5     0.0    10.2    13.0      39     20
## 14575    18.3    33.5     0.0    11.6    12.8      33     24
## 14579    19.8    39.3     0.0    31.6    12.6      50     15
## 14580    21.0    40.6     0.0    12.6    10.0      48     17
## 14581    24.2    38.8     0.0    12.0    12.6      46     20
## 14582    16.2    33.8     0.0    15.4    12.7      46     13
## 14587    20.2    36.3     1.2    44.2    12.4      37     19
## 14588    19.5    34.7     0.0    11.2    12.6      35     22
## 14589    19.9    35.0     0.0    10.2    12.5      37     24
## 14593    22.8    37.4     0.0    35.4    12.4      46     17
## 14594    21.9    36.5     0.0    12.2    12.0      44     20
## 14595    20.2    35.8     0.0    12.2    11.7      43     22
## 14596    20.7    36.3     0.0    11.0    11.6      33     20
## 14601    20.0    34.7     0.0    39.2    10.2      37     19
## 14602    20.1    36.1     0.0    11.2    10.4      65     15
## 14603    20.4    35.2     0.0    11.0    10.7      48     17
## 14607    19.9    36.0     0.0    25.8    11.6      48     20
## 14608    21.8    36.1     0.0    10.4     9.2      67     17
## 14617    14.3    31.0     5.8    65.4    11.2      31     17
## 14623    22.0    33.6     0.0    40.4     8.8      46     28
## 14624    18.4    27.5     0.0    10.4     7.3      39     13
## 14629    18.6    32.7     0.0    30.8     9.9      46     20
## 14635    19.4    31.8     0.2    36.4     7.7      50     28
## 14636    17.5    27.0    13.2     8.6     5.1      28     17
## 14637    12.2    29.3     0.0     2.6    11.2      28      7
## 14638    15.4    29.8     0.0     5.4    10.4      37     17
## 14643    15.6    26.8     0.0    26.0     6.8      31     15
## 14644    12.5    28.7     0.0     4.6     8.8      31     20
```

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## 14645    13.5    30.2     0.0     5.2    10.8    31    24
## 14649    11.4    28.7     0.0    21.2    10.0    54    22
## 14650    10.9    27.9     0.0     7.8    10.7    37    20
## 14651    13.1    28.4     0.0     6.8    10.6    37    30
## 21120    20.4    25.8     0.0     6.0    12.4    31    13
## 21121    20.9    26.7     0.2     8.0    10.3    31    15
## 21122    22.3    26.3     0.0     3.2     2.0    35     6
## 21123    21.6    22.2     1.2     2.8     0.0    41    20
## 21124    20.4    23.5     2.6     2.2     2.9    52    24
## 21125    20.4    24.4     0.0     3.0     8.7    48    30
## 21126    20.2    24.2     0.0     7.2     6.0    52    28
## 21127    20.5    24.0     0.0     4.4     6.0    52    28
## 21128    20.9    22.0     0.0     5.0     0.0    61    28
## 21129    18.5    23.1    45.2    15.0     3.0    81    46
## 21130    19.7    22.8     0.4     5.4     1.2    54    30
## 21131    19.8    23.8     0.0     4.0    12.0    37    24
## 21132    19.2    23.2     0.0     7.2     7.1    35    22
## 21133    17.3    22.5     1.6     5.0    10.4    46    26
## 21134    18.5    23.6     0.0     8.0    12.7    37    24
## 21135    17.3    22.8     0.0     5.2    11.9    26    13
## 21136    16.2    23.4     0.0     5.8     9.6    30    13
## 21137    17.9    22.6    12.8     5.8     5.1    50    15
## 21138    16.5    22.5     0.0     5.0    10.6    31    13
## 21139    17.0    23.0     0.0     6.0    12.2    35    17
## 21140    16.9    23.6     0.0     8.0    13.0    41    22
## 21141    19.3    24.0     0.0     7.8    11.8    46    26
## 21142    20.2    24.5     0.0     7.0     2.6    46    22
## 21143    20.1    25.1     0.0     2.6     9.1    52    28
## 21144    20.5    25.1     0.0     7.2    10.4    46    31
## 21145    19.6    24.7     0.0     6.8    12.1    41    20
## 21146    18.6    23.9     0.0     7.6    13.0    30    15
## 21147    17.8    24.2     0.0     5.6    12.7    35    19
## 21148    19.5    24.1     0.8     8.8    11.5    41    22
## 21149    18.2    24.2     0.0     7.8    12.1    41    22
## 21150    20.1    23.7     0.0     7.2     8.9    43    24
## 21151    19.3    23.6     2.0     5.4     1.1    37    17
## 21152    19.9    24.2     0.2     4.2     6.5    35    17
## 21153    19.6    24.8     0.0     5.6     8.3    37    20
## 21154    20.0    25.0     0.0     5.2     3.8    35    15
## 21155    21.5    22.1     1.8     4.2     0.0    44    26
## 21156    20.6    23.1    17.6     2.8     0.0    67    28
## 21157    21.5    25.5     3.8     0.4     1.2    61    31
## 21158    22.2    26.8     6.0     0.6     9.7    43    19
## 21159    23.7    25.4     0.6     4.8     0.1    56    20
## 21160    22.2    26.3    20.6     3.4    10.6    33    15
## 21161    20.9    27.1     0.2     4.8    10.0    37    17
## 21162    23.6    27.0     0.0     6.4     5.0    50    28
## 21163    21.7    25.5     5.8     4.0     6.3    44    22
## 21164    20.2    23.4     0.0     8.0     4.7    48    26
## 21165    20.0    24.7     0.0     6.8     5.0    46    24
## 21166    21.2    28.1    10.0     4.4     8.2    30    13
## 21167    23.2    27.4     0.2     4.2     5.2    30    13
## 21168    23.5    27.6     0.4     1.2     2.6    46    22
## 21169    23.9    28.1     0.0     2.6     7.7    44    26
```

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## 21170    24.3    26.4     0.0      5.2     1.4      44      20
## 21172    20.1    25.7     6.0      3.8     9.9      33      15
## 21173    21.6    25.6     0.2      6.0     4.0      35      20
## 21174    20.5    25.6     0.0      5.4    12.1      41      20
## 21175    19.5    25.7     0.0      8.0    12.0      44      20
## 21176    21.0    25.2     0.0      8.0     0.1      52      26
## 21178    20.0    24.7     0.8      1.4    12.1      24      11
## 21179    18.3    25.9     0.0      4.6    12.0      28      13
## 21180    19.1    24.3     0.0      5.8     3.1      24       9
## 21181    20.0    25.4     0.0      4.0    10.6      41      17
## 21182    20.6    24.7     0.0      6.0     0.6      41      20
## 21183    20.7    25.3     4.4      2.6    11.2      31      19
## 21184    20.2    26.5     0.0      6.2    11.8      31      13
## 21185    20.5    25.1     0.8      4.8     9.7      37      11
## 21186    20.1    24.5     0.0      6.0    11.2      35      17
## 21187    19.6    24.1     0.0      8.0    11.1      35      19
## 21188    18.7    24.0     0.2      7.0    10.5      35      17
## 21189    19.5    23.6     0.0      5.2     6.4      37      22
## 21190    18.7    23.8     0.2      6.2     8.7      35      15
## 21191    18.1    23.8     0.0      6.0    10.4      35      13
## 21192    19.1    23.7     0.6      6.4     0.9      39      20
## 21193    19.3    24.5     0.0      3.6     9.5      37      19
## 21194    20.7    25.8     0.0      4.4    10.7      48      28
## 21195    21.4    26.3     0.0      6.8     8.9      37      28
## 21196    20.8    25.8     0.0      4.0     8.7      30      17
## 21197    20.4    24.9     1.8      4.2     9.8      37      19
## 21198    20.3    24.1     0.8      6.8     0.4      41      26
## 21199    19.8    24.4     4.8      2.6     2.2      50      22
## 21200    20.5    22.4     0.0      5.0     0.3      56      28
## 21201    20.3    23.5     0.0      4.4     9.5      46      24
## 21202    18.2    22.6     0.0      6.4     1.1      50      17
## 21203    18.9    21.9     2.4      4.8     0.0      63      41
## 21204    18.5    23.7    40.0      5.8     8.4      59      31
## 21205    19.8    24.5     1.0      6.6     6.4      52      28
## 21206    20.0    25.1     0.4      4.4     4.9      56      30
## 21207    21.0    25.0     3.0      5.2     7.8      65      39
## 21208    21.7    24.4     0.0      5.4     0.2      61      33
## 21209    21.4    25.3     0.2      6.0    10.1      57      35
## 21210    20.5    25.6     0.6      5.8     9.2      54      24
## 21211    19.4    24.4     1.8      6.6     8.1      61      33
## 21212    18.5    24.8     2.2      6.2     9.9      67      35
## 21213    19.6    25.2     0.0     10.6     8.9      57      35
## 21214    19.2    24.8     0.0      5.8    10.3      46      24
## 21215    19.5    24.9     0.0      6.4    10.2      39      26
## 21216    18.4    24.5     0.4      5.6     5.4      28      13
## 21217    18.0    22.8     0.2      2.4     1.4      30      17
## 21218    16.3    22.2     2.4      3.8     9.6      31      15
## 21219    16.9    23.1     0.0      5.0    10.3      35      24
## 21220    18.5    23.1     0.0      6.6     5.3      41      22
## 21221    18.5    23.6     0.0      7.2     4.8      46      24
## 21222    19.6    23.6     0.0      5.2     3.1      48      28
## 21223    19.2    24.4     0.6      3.8    10.4      50      30
## 21224    19.0    23.9     0.6      6.6     3.3      59      31
## 21225    20.2    23.7     0.0      5.4     1.7      54      31
```

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## 21226    19.0    22.4     5.8    4.8     1.3    63    30
## 21227    19.4    22.1    25.8    3.2     0.7    48    31
## 21228    18.7    22.5    17.2    0.8     7.8    35    17
## 21229    18.2    24.0     0.0    4.0    10.2    57    24
## 21230    17.2    23.6    10.8    5.0     7.3    30     9
## 21231    19.7    24.2     0.0    2.4     6.3    72    24
## 21232    20.5    24.1    16.2    6.0     9.2    63    24
## 21233    19.7    23.4     1.2    4.2    10.5    35    19
## 21234    18.8    23.4     0.0    5.6    10.6    30    13
## 21235    15.4    23.6     0.0    4.0    10.6    19     4
## 21236    14.8    23.0     0.0    4.0     9.8    26    13
## 21238    15.7    23.0     0.0    2.0     8.4    26     6
## 21239    17.5    22.4     0.0    2.8     8.4    26    13
## 21240    16.7    20.8     0.4    3.0     4.3    44     6
## 21241    16.4    20.3    11.4    4.2     9.9    61    26
## 21242    15.9    20.4     0.0    5.6    10.6    37    20
## 21243    16.2    20.0     0.2    4.4     9.4    43    24
## 21244    16.0    20.4     0.0    6.4     9.5    31    13
## 21245    15.9    20.1     0.0    4.4     8.6    46    17
## 21246    14.5    20.3     2.6    3.0     9.2    39    17
## 21247    16.4    20.9     0.0    5.0     9.1    69    35
## 21248    15.7    19.5     2.6    6.6     8.2    56    30
## 21249    16.0    20.7     0.2    4.2     8.4    65    31
## 21250    14.5    19.1     2.0    6.0     9.1    65    35
## 21251    15.0    19.6     0.4    6.4     9.0    56    30
## 21252    14.7    20.2     2.8    3.6     8.9    39     6
## 21253    15.0    20.6     0.2    3.0     9.4    31    19
## 21254    16.0    21.6     0.0    4.0     9.0    26    13
## 21255    15.3    21.7     0.0    4.6     8.1    37    11
## 21256    16.6    21.4     3.6    2.0     8.4    28    11
## 21257    17.2    20.5     0.6    1.8     8.3    41    28
## 21258    16.1    18.8     0.0    5.2     3.0    46    26
## 21259    14.7    19.2     0.2    3.6     6.9    46    17
## 21260    14.6    18.9     5.6    4.8     6.4    50    28
## 21261    16.1    18.0     0.0    6.0     0.0    54    30
## 21262    16.7    17.9     0.0    3.8     0.0    54    30
## 21263    16.3    18.5     0.0    3.4     2.4    52    30
## 21264    15.0    18.8     0.0    5.0     8.2    63    26
## 21265    15.0    18.9     1.2    4.2     9.1    52    24
## 21266    15.0    20.2     0.2    4.0     9.5    39    24
## 21267    15.5    19.4     0.6    3.6     9.5    24    11
## 21269    13.5    20.4     1.4    2.2     8.7    48     7
## 21270    16.5    18.7     0.2    4.2     8.8    65    39
## 21271    14.5    18.0     0.4    5.0     3.5    52    24
## 21272    13.0    17.9     2.4    4.2     3.8    39    19
## 21273    13.6    18.7     0.4    3.6     5.7    44    22
## 21274    13.8    19.6     8.2    4.8     8.8    41    24
## 21275    14.5    19.5     1.0    3.0     8.7    41    22
## 21276    14.9    19.1     0.0    3.0     2.2    54    28
## 21277    16.1    21.1    43.0    4.0     3.7    50    20
## 21278    17.6    20.7    14.4    2.8     9.4    48    28
## 21280    16.9    20.5     0.0    1.8     2.0    39    11
## 21281    17.3    21.0     1.0    1.2     4.3    28     7
## 21282    15.3    19.9     0.2    1.4     7.9    63    20
```

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## 21283   15.6   19.1    0.4    6.4    6.6    56    35
## 21285   13.3   19.2    1.2    1.8    9.3    30    15
## 21286   14.6   20.6    0.0    3.2    3.9    44    20
## 21287   14.1   19.3    1.0    2.4    8.2    41    11
## 21288   14.5   17.4    0.0    4.0    7.4    43    22
## 21289   14.0   17.9    0.0    4.0    6.7    46    24
## 21290   14.9   17.5    0.0    5.0    4.1    50    24
## 21291   13.6   18.2    1.0    4.2    7.3    50    28
## 21292   14.4   18.5    0.0    6.0    8.0    46    24
## 21293   14.3   18.2    0.0    4.0    9.3    37    24
## 21294   14.1   18.6    0.0    4.2    1.2    43    26
## 21295   16.0   20.3    0.0    3.8    4.0    48    20
## 21296   17.8   20.5    0.0    2.4    0.8    44    20
## 21297   17.8   20.5    7.4    1.8    0.0    63    24
## 21298   17.3   19.9   16.6    4.6    5.0    81    35
## 21299   15.9   18.7   10.6    7.4    6.4    78    39
## 21300   14.7   18.7    1.8    2.6    6.8    30    15
## 21302   13.9   19.8    0.0    2.6    8.5    48    17
## 21303   17.5   19.6    0.6    2.8    4.8    54    28
## 21304   13.9   18.6   14.2    4.6    2.8    83    24
## 21305   13.8   18.9    5.6    4.6    7.1    72    39
## 21306   15.2   18.8    1.4    6.4    8.3    57    26
## 21307   12.9   18.5    0.0    3.4    3.3    26     4
## 21309   14.6   17.6   12.4    0.2    1.3    43    24
## 21310   14.7   19.3    4.6    0.6    0.0    80    28
## 21311   15.9   19.7   34.4    4.2    0.1    81    30
## 21312   13.6   17.1    8.8    2.0    7.0    91    44
## 21313   14.4   17.1    0.4    2.6    3.8    41    17
## 21314   11.9   19.9    0.0    2.8    4.3    46    13
## 21315   16.2   20.6    0.0    3.6    8.5    46    20
## 21316   13.3   18.3    2.2    3.4    0.1    57    19
## 21317   14.7   18.5   15.2    1.8    3.9    57    26
## 21318   13.4   18.1    1.4    2.2    8.8    65    28
## 21319   13.9   18.1    0.2    3.2    9.0    39    13
## 21320   11.3   18.1    1.0    3.8    9.8    30    15
## 21321   12.2   17.7    6.0    4.0    9.8    26    11
## 21322   11.8   19.2    0.0    2.0    6.7    33     7
## 21323   14.3   19.1    0.0    2.8    0.4    46    20
## 21324   16.4   18.9    0.0    2.4    1.1    56    19
## 21325   12.0   16.5    8.2    3.0    7.1    46    20
## 21326   12.4   17.0    0.0    5.0    9.4    39    15
## 21327   10.4   17.3    0.0    2.2    2.8    30     7
## 21328   13.9   19.2    4.2    2.6    4.1    61    17
## 21330   13.5   17.7    0.0    2.0    9.9    30    15
## 21331   12.0   17.8    0.0    2.4    9.5    28     7
## 21332   11.3   18.4    0.0    2.0    8.7    19     2
## 21333   12.5   18.3    0.0    1.8    9.9    35    15
## 21334   14.0   17.9    0.0    5.4    6.9    39    17
## 21335   12.5   18.2    0.0    3.2    7.7    37    15
## 21336   15.0   18.4    0.0    4.0    3.6    44    20
## 21337   15.6   18.3    0.2    1.8    0.0    54    30
## 21338   16.1   19.2    2.0    1.0    2.1    56    30
## 21339   16.0   19.5    0.4    3.6    3.3    63    30
## 21340   16.5   20.5    7.6    3.6    1.9    63    17
```

```
## 21341   14.1   18.6    3.0    0.8    8.4   35   13
## 21342   13.6   18.6    0.0    2.0    9.6   22   17
## 21343   12.2   18.0    0.4    2.9   10.2   30    7
## 21344   14.9   18.3    0.0    3.4    9.1   44   20
## 21345   14.7   19.5    0.0    5.0   10.1   39   22
## 21346   15.5   19.3    0.6    2.6    9.1   46   22
## 21347   14.7   18.6    0.2    4.2    9.2   54   24
## 21348   14.2   18.9    1.4    7.4    9.3   46   20
## 21349   13.3   19.7    0.0    3.4    2.8   46   20
## 21350   12.7   16.1    7.0    3.0    2.5   85   39
## 21351   13.3   17.2    1.8    3.8    9.0   57   30
## 21352   13.3   17.6    0.4    4.4    6.3   37   11
## 21353   12.6   17.7    1.0    4.0    5.9   24   11
## 21354   12.9   19.3    2.4    2.4    5.1   44   28
## 21355   14.0   17.9    0.0    4.0    9.8   33   20
## 21356   11.4   19.0    0.0    2.4   10.4   41   13
## 21357   16.3   20.2    0.0    3.2    6.5   52   24
## 21358   18.1   21.8    0.0    2.6    4.9   33   13
## 21359   17.0   19.9    0.2    2.6    5.4   26   17
## 21360   16.1   20.3    3.6    2.0    9.7   33   11
## 21361   14.4   20.7    0.2    3.4    6.7   50   13
## 21362   16.0   19.0    2.6    2.8    2.4   48    9
## 21363   14.5   18.3    1.4    2.0    0.1   31   11
## 21364   15.3   18.6    8.6    3.6   10.1   44   24
## 21365   13.8   17.6    1.0    4.8   10.4   50   28
## 21366   14.0   17.6    0.0    6.8    9.3   50   26
## 21367   12.7   17.5    0.0    6.2    6.2   50   26
## 21368   13.5   17.9    0.4    6.4    5.4   46   24
## 21369   13.4   19.0    0.0    4.0    6.4   50   22
## 21370   14.7   19.7    0.0    3.2    7.6   57   30
## 21371   16.5   19.1    0.0    8.0    2.8   61   39
## 21372   15.9   19.8    9.0    3.8    1.8   63   35
## 21373   16.1   17.9   45.6    2.6    0.0   61   31
## 21374   14.3   18.3   38.6    2.6   10.0   74   35
## 21375   15.9   18.5    0.0    6.8    0.8   81   37
## 21376   16.2   19.5    0.6    3.4    5.2   54   28
## 21377   15.8   18.7    0.0    3.4    2.8   46   24
## 21378   15.1   19.2    1.2    4.2    2.8   39   26
## 21379   15.9   18.9    1.2    4.8    5.1   41   19
## 21380   14.5   19.4    0.0    4.8    4.8   28   11
## 21381   13.8   19.1    0.0    2.6    0.8   31   15
## 21382   15.4   20.5    0.0    3.4    7.0   46   26
## 21383   15.3   20.1    2.0    4.0    8.9   31   19
## 21384   15.7   20.3    0.8    4.2    4.8   24   13
## 21385   15.2   21.2    0.0    2.0   10.4   43   15
## 21387   14.6   20.4    3.4    2.6    9.8   50   28
## 21388   15.8   20.1    0.0    6.6   10.7   37   22
## 21389   14.2   20.0    0.0    5.6    9.6   44   15
## 21390   15.4   20.1    3.6    4.2    7.4   56   19
## 21391   16.5   19.5    0.0    5.6    0.1   46   28
## 21392   16.1   19.9    0.0    3.6    9.0   54   24
## 21393   15.5   19.5    0.2    4.8   10.9   43   28
## 21394   12.6   19.8    0.0    6.4   10.6   33   19
## 21395   14.4   20.5    0.0    5.4    1.6   39   15
```

```
## 21396    17.2    20.9    0.0    4.0     1.2    52    24
## 21397    14.1    18.2    7.8    3.4     8.0    41    22
## 21398    13.4    18.5    0.0    5.6     7.7    39    17
## 21399    13.0    19.0    0.0    5.2     8.4    44    24
## 21400    14.8    20.3    0.0    8.0     5.4    70    28
## 21401    16.0    19.7   17.2    5.2    10.2    63    31
## 21402    13.1    18.3    0.8    6.8    10.1    59    33
## 21404    12.1    18.4    1.0    3.2     6.2    28     9
## 21405    12.0    19.3    0.0    4.0     9.5    35    15
## 21406    15.4    21.0    0.0    5.6    10.4    46    22
## 21407    17.5    21.8    0.0    5.6     9.4    52    24
## 21408    18.8    22.2    0.0    5.0    10.8    41    17
## 21409    18.6    21.4    0.0    4.0     3.4    39    19
## 21410    16.5    20.6    0.2    4.2    11.2    46    20
## 21411    14.5    19.4    1.8    7.8    11.6    46    28
## 21412    13.1    19.2    0.0    7.4     8.4    46    15
## 21413    14.1    19.5    0.0    4.8    11.8    31    19
## 21414    13.9    19.4    0.0    7.0     7.4    35     7
## 21415    13.9    19.7    0.0    4.6    10.7    31    13
## 21416    14.3    20.2    0.0    5.2    10.1    28    13
## 21417    11.0    20.3    0.0    5.8    11.1    26     9
## 21418    14.3    21.6    0.0    3.4    11.8    35    17
## 21419    16.7    20.2    0.0    8.0    10.0    54    28
## 21420    14.8    20.4    0.0    6.8     9.8    44    30
## 21421    14.8    20.9    0.2    6.8     7.0    41    22
## 21422    14.6    19.0    0.2    6.8     7.4    39    19
## 21423    13.4    19.4    0.4    6.2    11.4    37    19
## 21424    14.2    19.6    0.2    6.8     6.4    39    17
## 21425    14.1    19.6    0.4    5.4    12.4    33    15
## 21426    15.4    21.4    0.0    5.8    10.5    37    20
## 21427    14.0    21.2    2.4    6.4    12.3    28     9
## 21428    13.2    21.9    0.0    6.2    12.5    22     4
## 21429    15.4    21.9    0.0    4.0     8.6    24     7
## 21430    16.6    20.1    2.4    3.0     1.1    43    17
## 21431    15.2    19.4    0.0    4.0     4.7    43    28
## 21432    15.9    20.4    0.0    7.6     3.3    39    22
## 21433    16.1    20.9    0.0    6.0     9.1    35    17
## 21434    15.4    21.1    0.0    6.6    10.2    33    17
## 21435    16.6    21.3    0.0    5.4     6.1    30    19
## 21436    15.7    21.2    0.0    4.6    10.6    31    19
## 21437    13.9    20.8    0.0    8.0    11.1    30    20
## 21438    13.9    22.3    0.0    6.0    13.0    33    11
## 21439    15.8    22.8    0.0    6.0    12.6    35    15
## 21440    16.8    23.6    0.0    5.0    11.7    39    15
## 21441    19.9    23.8    0.0    5.4    10.5    44    26
## 21442    17.7    21.7    2.8    7.8     7.6    37    20
## 21443    16.7    21.3    0.0    8.0     3.0    37    19
## 21444    16.6    21.6    0.0    6.0     6.1    35    13
## 21445    17.0    22.5    0.0    6.0    10.1    35    15
## 21446    16.4    21.7    0.0    6.2     2.7    33    17
## 21447    17.6    22.1    0.0    5.4     3.5    39    15
## 21448    18.2    23.0    0.0    7.0     6.7    39    20
## 21449    17.5    22.7    0.0    5.8    13.0    35    22
## 21450    16.1    23.1    0.0    8.6    13.0    35    20
```

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## 21451   15.5   23.9    0.0    8.0   13.1   35   15
## 21452   17.7   24.7    0.0    8.0   13.1   31   15
## 21453   20.0   24.3    0.0    6.4    4.6   44   26
## 21454   19.1   25.0   12.8    2.0   11.9   30   17
## 21455   21.1   25.4    0.0    5.0   10.3   41   22
## 21456   20.1   24.6    0.0    6.2   11.3   31   19
## 21457   17.6   23.9    0.0    6.4   12.3   35   24
## 21458   16.8   23.2    0.0    7.4   13.1   30   15
## 21459   17.4   23.8    0.0    9.2   10.7   26   11
## 21460   16.5   24.5    0.0    7.0   13.3   28   13
## 21461   17.1   24.8    0.0   10.0   11.9   28   17
## 21462   17.4   24.5    0.0    5.4    8.3   30   11
## 21463   17.5   25.7    0.0    5.4   12.7   31   15
## 21466   17.5   25.9    0.0    6.2   10.9   31   17
## 21467   18.3   24.0    0.0    4.0    5.8   30   15
## 21468   17.4   23.7    0.0    5.2    8.8   52   15
## 21469   17.1   22.3    0.0    8.4   11.9   52   26
## 21470   17.2   22.7    0.0   11.0    9.5   46   19
## 21471   15.6   23.4    0.0    9.0   12.8   35   28
## 21472   15.4   24.9    0.0    6.0   13.0   35   17
## 21473   17.7   24.9    0.0    8.2   11.7   33    9
## 21474   20.1   25.1    0.0    8.4    6.5   28   15
## 21475   19.4   24.8    0.0    7.0    8.8   48   28
## 21476   19.0   25.0    0.0    8.0   10.2   48   31
## 21477   17.9   24.1    0.0    7.8   12.6   35   22
## 21478   18.9   25.1    2.0    7.4   11.4   48   28
## 21479   19.5   25.1    0.0    9.6   12.3   50   35
## 21480   18.7   25.2    0.0    8.0    7.2   41   11
## 21481   19.4   25.4    0.0    8.0   11.7   41   26
## 21482   17.5   25.4    0.0    8.0   11.4   33   20
## 21483   17.6   25.3    0.0    6.0   12.7   26   13
## 21484   18.2   25.9    0.0    7.6    3.6   41   15
## 21485   18.6   24.5    0.0    7.4    5.2   50   26
## 21486   19.3   25.2    0.0    7.2   12.6   35   19
## 21487   20.7   26.4    0.0    6.8   12.2   37   19
## 21488   20.2   26.7    0.0    7.0    9.1   30   13
## 21489   20.9   24.7    0.0    6.0    0.9   41   17
## 21490   19.5   24.9    0.8    4.8    7.1   46   22
## 21491   19.5   25.2    0.0    6.2    8.1   33   26
## 21492   18.7   26.0    0.0    5.0   12.7   37   19
## 21493   19.6   25.4    0.0   11.0   13.2   44   20
## 21494   18.8   25.2    0.0    8.0   10.4   31   19
## 21495   17.2   26.4    0.0    7.2    5.9   44   19
## 21496   18.1   24.4    1.0    6.4   10.9   43   24
## 21497   17.6   24.1    0.0    8.4   11.5   33   13
## 21498   17.8   24.7    0.0    9.0   11.8   37   19
## 21499   19.2   25.5    0.0    8.0   12.5   35   20
## 21500   19.2   24.3    1.2    6.6   12.7   31   20
## 21501   17.9   24.8    0.0    7.8    4.2   22    9
## 21502   19.6   25.2    0.0    5.4   10.7   37   13
## 21503   21.4   26.3    0.0    6.8   10.0   50   28
## 21504   20.4   25.3    8.0    7.2   11.0   57   13
## 21505   20.4   26.8    0.0    8.4   12.8   48   28
## 21506   20.9   25.6    0.0    8.4   11.6   37   20
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## 21507    18.1    24.6    0.0     8.6    10.3      33      19
## 21508    17.8    24.6    0.0     8.0    12.2      33      13
## 21509    17.1    24.9    0.0     7.2    12.0      28       6
## 21510    17.8    25.4    0.0     6.8     6.5      24      11
## 21511    18.4    26.0    0.0     4.8    12.0      33      17
## 21512    19.9    26.4    0.0     8.0    11.7      39      22
## 21513    20.4    26.5    0.0     8.0    10.0      41      17
## 21514    19.9    26.1    1.6     4.2     7.6      41      17
## 21515    20.7    25.4    0.4     6.2    11.0      48      28
## 21516    19.4    25.2    0.0     7.6    11.8      33      20
## 21517    19.8    26.4    0.0     9.6    10.0      54      20
## 21518    20.4    26.3    6.4     8.0     7.9      63      30
## 21519    19.7    26.0    7.0     7.2     9.1      74      41
## 21520    21.5    26.3    0.2     8.4     8.7      69      39
## 21521    21.1    25.8    0.0    10.2     9.6      54      30
## 21522    20.0    25.5    6.4     8.4     8.5      54      33
## 21523    20.5    25.8    0.0     6.8    12.6      41      24
## 21524    20.0    25.4    0.0     6.8    12.5      41      26
## 21525    18.3    25.0    0.2     7.4    10.2      35      17
## 21526    18.6    25.8    0.0     7.4    12.5      35      19
## 21527    19.0    26.0    0.0     6.6    12.1      41      28
## 21528    20.8    25.9    0.0     5.8    12.2      31      22
## 21530    18.7    26.3    0.0     7.2    11.4      31      17
## 21531    18.7    25.4    0.0     6.8    10.5      30      17
## 21532    19.2    26.2    0.0     6.6    10.2      31      13
## 21533    20.6    26.9    0.0     6.8     6.0      35      24
## 21534    20.4    25.5    0.2     5.2     4.6      52      24
## 21535    19.6    25.5    0.0     8.8     6.4      46      20
## 21536    19.9    26.0    1.0     7.6     7.5      52      30
## 21538    20.7    25.4    0.0     6.4     4.2      33      20
## 21539    19.5    24.1    0.0     5.2     0.3      20      11
## 21540    20.1    26.3    2.2     1.4     5.3      26      11
## 21541    20.6    23.9    0.6     3.8     1.2      44      26
## 21542    20.2    26.4    5.0     5.0    11.0      52      31
## 21543    19.7    26.3    0.0     6.4    11.9      35      15
## 21544    18.7    26.4    0.0     7.8     5.6      33      20
## 21545    21.9    26.2    0.0     4.8     0.5      41      11
## 21546    21.1    25.7    0.0     4.0    10.1      41      19
## 21547    19.7    25.0    0.0     6.8     5.9      43      20
## 21548    19.9    24.8    0.0     7.0     9.5      41      24
## 21549    19.9    25.5    0.0     9.2     3.9      39      17
## 21550    19.6    25.3    0.2     6.8     9.2      44      26
## 21551    19.7    24.9    3.6     7.6     8.6      41      20
## 21552    18.7    25.2    0.0     7.6     9.2      33      17
## 21553    18.8    25.0    0.0     8.0    10.8      33      13
## 21554    18.7    25.3    0.0     7.4    10.0      35      19
## 21555    19.5    24.9    0.2     7.8     7.0      52      19
## 21556    18.1    24.1    0.2     9.0     7.3      52      26
## 21557    18.7    24.2    0.2     9.0     2.5      48      24
## 21558    17.4    23.9    1.4     6.0     6.3      35      26
## 21559    17.8    24.1    2.0     5.4     7.5      35      11
## 21560    18.3    24.5    1.4     5.2    11.0      46      28
## 21561    19.1    24.6    0.0     6.8    10.6      41      22
## 21562    17.8    24.6    0.0     9.0    10.3      52      31
```

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## 21563    19.3    25.1     0.0     9.8     8.1      41      30
## 21564    18.5    24.6     0.0     8.4     8.4      41      22
## 21565    18.9    25.9     0.0     6.4     8.9      39      20
## 21566    18.8    25.2     0.0     6.6     7.2      31      26
## 21567    18.4    24.9     0.0     4.2     5.7      22       6
## 21568    19.2    25.2     4.6     2.6    11.3      35      17
## 21569    19.3    25.0     0.4     6.8     8.1      37      20
## 21570    19.1    24.7     0.2     6.2     3.3      37      15
## 21571    19.6    24.5     0.4     5.0     8.0      43      15
## 21572    18.6    24.7     8.6     6.6     7.6      52      31
## 21573    20.0    25.3     0.2     4.6    10.1      50      31
## 21574    20.6    25.5     0.0     6.8    10.6      63      35
## 21575    19.3    24.9     1.6     6.6     9.7      59      37
## 21576    18.7    24.8     1.8     8.0     8.9      54      30
## 21577    19.1    24.6     0.4     5.6    10.7      35      22
## 21578    18.5    24.0     0.0     3.8    10.8      30      13
## 21579    20.1    23.5     0.0     4.6     7.2      43      11
## 21580    18.3    23.3    11.0     5.2    10.0      43      26
## 21581    17.3    23.6     0.4     6.0     8.5      39      17
## 21582    18.1    22.5     0.2     5.0     6.4      31      15
## 21583    17.8    23.2     0.2     5.0     4.7      52      28
## 21584    17.5    23.2    34.4     6.0     8.0      56      15
## 21585    18.6    24.5     0.2     3.4     8.3      54      35
## 21586    19.9    24.2     0.2     6.2     6.2      48      30
## 21587    20.7    24.5     0.0     4.2     3.0      35      19
## 21588    20.3    23.3     1.4     2.0     1.2      31      20
## 21589    18.4    23.4     0.4     3.0     7.5      28       9
## 21590    18.3    22.9     2.4     4.2    10.2      35      19
## 21591    18.8    22.8     0.4     7.2     7.1      48      20
## 21592    17.9    22.3     0.4     4.2     8.6      44      24
## 21593    18.9    22.6     0.0     5.8     8.7      43      20
## 21594    16.6    22.1     0.0     4.6     9.5      33      19
## 21595    16.8    22.2     3.0     4.6     5.3      33      17
## 21596    16.3    22.2     0.4     3.4     8.1      33      17
## 21597    17.2    21.7     0.4     4.2     5.6      30      11
## 21598    15.8    22.8     0.6     3.2     8.2      43      20
## 21599    16.5    23.2     0.2     3.6     9.0      43      22
## 21600    19.7    22.1     1.4     3.2     0.2      41      19
## 21601    18.9    23.3    32.0     2.2    10.8      35      17
## 21602    19.0    22.8     0.0     3.8     2.0      37      20
## 21603    18.7    23.4     0.8     4.6     7.0      24       9
## 21604    17.9    23.5     0.0     0.6     6.8      24       7
## 21605    17.0    22.9     0.0     2.4     8.2      33      17
## 21606    17.0    22.2     0.2     4.0     6.4      46      20
## 21607    15.5    21.6     0.4     4.6     5.2      39      26
## 21608    16.2    22.0     0.2     4.8     4.2      50      17
## 21609    18.0    22.9     0.2     4.8     8.0      52      33
## 21610    19.2    21.4     0.0     5.0     0.1      61      26
## 21611    19.1    21.4     3.4     4.0     0.7      83      43
## 21612    19.2    21.9    21.0     4.4     8.3      72      41
## 21613    18.0    21.8     1.2     5.2     6.6      69      39
## 21614    17.7    20.7     3.0     4.6     3.1      80      43
## 21615    18.6    22.4     4.4     2.8     6.5      54      22
## 21616    18.3    22.1     0.6     3.6     8.3      39      20
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## 21617    17.9    22.3     0.2     3.8     9.3      44      19
## 21618    16.5    21.7     6.4     5.2     7.3      56      22
## 21619    15.9    21.2    15.4     4.8     7.9      56      20
## 21620    16.2    21.6     6.0     3.8     9.0      57      19
## 21621    14.2    21.0     2.0     3.4    10.0      37      17
## 21622    15.2    21.3     0.0     3.2    10.1      30      15
## 21623    16.7    21.3     9.6     4.6     2.4      57      13
## 21624    17.0    20.6     0.6     2.0     9.1      48      20
## 21625    17.0    21.3     0.0     4.6     7.8      26      11
## 21626    16.4    20.9     0.0     1.6     3.6      50      11
## 21628    16.0    20.4    22.8     2.2     8.6      50      22
## 21629    15.3    19.4     0.2     4.8     8.2      33      15
## 21630    15.2    20.4     2.0     2.4     0.0      50      22
## 21631    16.2    22.5     2.8     1.4     4.7      56      20
## 21632    17.9    20.7     0.2     2.8     8.4      41      19
## 21633    14.9    18.8     0.2     4.2     3.6      37      15
## 21634    14.0    20.3     0.0     4.0     4.0      48      28
## 21635    17.5    22.0     4.8     0.2     6.7      35      17
## 21636    19.9    21.4     0.0     2.8     3.3      31      15
## 21637    15.2    21.8     0.0     0.6     8.9      28       7
## 21639    17.2    20.3     0.0     2.4     0.0      59      26
## 21640    18.0    22.4    15.8     3.0     4.7      76      39
## 21641    19.1    21.3    10.0     1.8     3.8      63      30
## 21642    15.8    20.2     0.2     3.4     6.5      65      28
## 21643    14.1    18.2     1.2     5.4     8.6      54      26
## 21644    13.1    18.2     1.2     3.2     9.0      46      15
## 21645    12.8    20.2     0.0     2.4     4.2      72      19
## 21646    16.6    19.0     4.4     3.0     7.3      76      37
## 21647    13.3    18.8     0.0     5.0     0.3      43      13
## 21648    14.0    18.8    22.6     3.4     9.1      41      22
## 21649    14.6    17.9     0.2     4.2     8.4      33      19
## 21650    12.7    18.4     2.6     3.0     9.0      39      17
## 21651    13.9    18.9     0.2     4.2     7.0      43      19
## 21652    15.4    17.9     0.0     4.8     0.0      48      26
## 21653    15.8    19.4     5.0     0.8     0.6      43      20
## 21654    16.8    19.4     2.0     0.0     1.2      30       9
## 21656    15.7    18.6     0.0     2.6     0.0      31       4
## 21657    15.0    16.2    19.2     0.2     0.0      39      24
## 21658    14.2    17.3     7.2     2.2     8.1      43      26
## 21659    13.0    17.8     0.6     3.2     8.9      39      15
## 21660    11.9    18.0     1.2     3.6     9.3      50      26
## 21661    14.5    18.5     0.0     4.0     7.7      37      17
## 21662    12.2    19.0     0.0     3.2     9.1      28       4
## 21663    14.3    19.7     2.2     1.8     6.3      44      15
## 21664    14.2    19.3     0.2     2.4     8.1      24      13
## 21665    15.2    19.0     0.0     5.8     9.3      33      13
## 21666    11.9    19.0     0.0     0.6     5.4      19       2
## 21667    14.9    19.8     1.4     0.6     4.6      33      19
## 21668    14.8    19.0     0.0     2.6     2.4      35       9
## 21669    16.1    19.2     6.8     3.4     7.8      81      41
## 21670    14.0    17.6     1.6     5.0     8.2      76      37
## 21671    14.7    17.5     0.6     5.0     7.2      56      19
## 21672    14.2    17.8     0.2     4.2     9.2      33      20
## 21673    13.0    16.2     2.4     3.4     0.0      37      13
```

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## 21674    13.1    17.9     1.0     2.0     7.9     37     20
## 21675    12.8    17.0     0.2     1.8     4.0     50     24
## 21676    13.8    17.4     0.6     5.4     8.0     54     30
## 21677    13.5    17.3     1.6     3.8     8.1     57     28
## 21678    13.9    17.6     0.6     3.6     9.3     41     22
## 21679    13.2    17.0     0.0     3.6     5.0     39     19
## 21680    11.4    18.6     0.0     3.2     4.8     59     11
## 21681    15.1    18.9     4.8     2.6     7.7     70     33
## 21682    14.9    18.6     1.0     4.0     8.8     50     26
## 21683    14.6    18.2     0.0     5.0     7.9     44     28
## 21684    11.2    16.5     0.0     3.8     2.8     22      9
## 21685    11.4    18.6    16.8     0.4     7.5     37     17
## 21686    16.1    19.4     3.2     2.4     0.4     48     24
## 21687    15.5    19.5     1.6     0.6     3.6     35     13
## 21688    15.5    18.9     0.0     2.2     8.6     48     22
## 21689    13.9    17.8     0.6     5.0     6.6     41     17
## 21690    13.1    18.1     0.0     5.6     7.9     43     17
## 21691    12.3    18.1     0.4     1.8     9.1     28     15
## 21692    13.0    17.6     0.0     2.6     8.9     28     11
## 21693    12.6    17.8     0.0     2.4     9.6     35     11
## 21694    12.1    18.1     0.0     2.4     8.5     22      9
## 21695    12.6    18.4     0.0     2.2     4.6     39     17
## 21696    14.8    19.7     0.0     1.8     9.1     41     22
## 21697    15.9    21.1     0.0     3.4     6.7     39     17
## 21698    17.7    21.8     0.4     3.6     7.9     43     20
## 21699    15.8    20.8     7.0     2.4     0.8     50     15
## 21700    16.1    20.1    21.0     3.8     9.3     70     24
## 21701    15.6    18.6     0.8     3.4     9.3     39     17
## 21702    11.8    18.5     0.0     2.4     1.1     33     15
## 21703    15.4    17.2     9.8     2.4     0.0     61     15
## 21704    13.2    18.2    12.2     1.2     9.8     46     24
## 21705    14.2    18.2     0.0     4.8     8.9     41     20
## 21706    13.2    17.8     0.4     3.4    10.1     31     15
## 21707    12.7    18.4     0.0     3.4     3.7     43     24
## 21708    14.4    18.5     0.2     4.2     0.3     69     28
## 21710    15.8    19.7     1.6     3.2     8.8     39      7
## 21711    15.7    19.6     0.6     3.2    10.3     31     22
## 21712    13.4    20.2     0.6     3.0     7.9     48     11
## 21713    16.1    20.3     3.8     4.0     8.0     35     13
## 21714    14.4    18.9     0.4     4.2    10.8     50     24
## 21715    13.1    18.5     0.0     5.2     8.9     30     11
## 21716    14.1    20.2     0.0     3.2     9.4     43     26
## 21717    17.9    19.4     0.0     2.2     3.1     48     26
## 21718    14.3    19.0     9.4     2.0    10.0     46     19
## 21719    14.3    18.2     2.0     5.4    10.1     39     17
## 21720    11.7    18.2     0.0     4.0     0.3     41      9
## 21721    15.3    20.3     8.0     0.8     1.1     33     19
## 21723    15.3    18.8     1.6     0.6     0.0     52     13
## 21724    15.0    20.4    11.6     0.6    10.8     37     20
## 21725    15.3    18.5     0.2     5.0     8.9     50     28
## 21726    13.0    17.4     0.2     5.4     7.0     54     31
## 21727    12.1    17.1     2.0     4.0     9.1     44     20
## 21728    12.5    18.0     1.6     4.6     8.8     46     19
## 21729    13.4    18.9     0.0     4.8     5.5     41     20
```

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## 21730    16.4    20.2     0.0     8.0     4.4     56     39
## 21731    14.1    18.0     0.6     4.4     9.3     43     19
## 21732    13.7    19.6     0.0     5.0     6.2     39     15
## 21733    16.8    21.9     0.0     4.4     8.8     44     20
## 21734    18.3    22.4     0.0     4.0     7.3     44     19
## 21735    15.6    17.7    23.8     4.0     0.0     24     17
## 21736    14.3    19.0     0.0     3.4    10.7     20     15
## 21737    12.4    19.8     0.0     2.8     6.4     41     13
## 21738    17.1    20.5     0.0     3.2     0.0     48     24
## 21739    16.1    19.7    16.2     0.4    10.1     37     20
## 21740    13.4    18.4     0.0     6.6    10.4     31     13
## 21741    12.9    20.4     0.0     2.4     9.7     37     13
## 21742    15.1    20.5     1.4     5.2     2.1     59     11
## 21743    17.7    20.4     0.0     2.4     8.9     72     43
## 21744    15.9    20.9     0.0     5.8     9.8     48     17
## 21745    15.5    19.8     0.2     5.2     9.1     33     15
## 21746    16.0    20.4     4.4     4.6     8.3     30     19
## 21747    14.9    20.3     0.0     3.6     1.1     28      6
## 21748    16.4    19.1     3.2     1.2     0.0     28     17
## 21749    16.5    18.2     1.4     1.4     8.1     61     30
## 21750    11.4    18.2     0.2     3.4     4.8     28     13
## 21751    13.7    19.2     0.0     6.0     6.2     33     15
## 21752    12.3    19.6     0.0     4.0    10.6     37     19
## 21753    15.1    20.6     0.0     5.4     2.0     41     26
## 21754    17.0    19.6     7.6     2.6     0.0     50     28
## 21755    16.1    21.3    29.9     1.1     9.0     37     24
## 21756    17.5    22.5     1.8     3.0     4.6     35     20
## 21757    17.8    23.8     0.4     1.8     5.4     48     24
## 21758    16.1    17.9    10.8     3.6     0.5     56     20
## 21759    15.8    19.0     0.6     3.8     2.0     52     26
## 21760    15.6    18.6     0.0     4.0     2.3     50     22
## 21761    15.3    19.4     0.0     7.0     3.3     56     24
## 21762    14.6    19.9     0.6     5.2     2.9     48     20
## 21763    15.3    20.1     0.6     5.4     9.4     54     28
## 21764    16.2    20.4     0.0     6.6     9.5     48     28
## 21765    15.6    21.2     0.0     4.8    10.1     37     28
## 21766    15.9    21.9     0.0     5.0    10.2     35      9
## 21767    17.1    21.3     0.4     4.6     8.7     46     24
## 21768    15.3    18.9     1.0     6.2    10.9     65     33
## 21769    12.9    17.7     0.0    10.8     7.0     63     26
## 21770    13.2    18.3     0.0     7.2     6.7     59     31
## 21771    14.1    19.2     0.0     4.0     2.4     44     22
## 21772    14.3    20.0     0.2     4.2     1.1     26     13
## 21773    13.3    22.3     0.4     4.2    10.8     54     20
## 21774    16.9    20.8     4.4     2.8     7.3     54     22
## 21775    15.4    20.3     0.6     6.8    10.6     33     15
## 21776    13.6    20.6     0.0     4.4    11.4     28      9
## 21777    15.4    19.2     1.2     3.4    10.5     48     30
## 21778    13.4    19.1     0.0     9.4     7.3     39     20
## 21779    14.9    19.1     0.0     5.8     0.7     30     15
## 21780    14.8    19.2     0.8     3.0     1.0     37     24
## 21781    15.6    21.4     4.6     4.2     5.7     39     19
## 21782    17.5    22.3     1.8     2.8     9.1     54     28
## 21783    17.9    22.3     0.0     6.8     8.2     56     33
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## 21784    18.0    22.7     0.0     5.4     9.0     43      28
## 21785    18.7    21.8     0.0     4.6     3.9     44      28
## 21786    18.9    19.9     0.4     4.0     0.0     70      26
## 21787    18.2    21.0     8.6     2.4     2.3     65      39
## 21788    17.4    19.9     4.8     3.2     0.4     69      41
## 21789    16.5    20.0     5.4     4.6     7.2     61      31
## 21790    15.7    21.1     0.0     5.6     6.7     57      39
## 21791    17.3    22.2     0.0     8.0     5.3     52      35
## 21792    19.2    21.6    17.8     4.8     3.1     37      13
## 21793    17.1    19.5     0.0     4.8     1.6     35      19
## 21794    14.2    18.9     5.0     3.8     4.0     48      28
## 21795    14.0    19.7     0.2     3.0     7.3     33      15
## 21796    14.5    20.5     0.0     4.4    11.8     37      22
## 21797    15.6    20.8     0.0     7.4    10.7     44      26
## 21798    15.2    20.3     0.0     8.0     9.3     41      24
## 21799    14.9    20.4     1.2     7.0    12.0     41      24
## 21800    13.7    21.0     0.0     8.0    12.8     44      20
## 21801    16.0    21.1     0.2     8.2    12.6     52      26
## 21802    16.1    21.3     0.0     7.8    12.2     44      28
## 21803    16.2    21.0     0.0     7.6    12.5     46      24
## 21804    16.5    20.9     0.0     7.4     2.9     61      24
## 21805    16.5    21.5     5.2     5.0     2.7     63      37
## 21806    18.3    22.5     3.4     3.0     4.4     31      17
## 21807    17.7    23.0     0.2     3.6     7.8     26      13
## 21808    18.9    23.5     0.0     4.4     8.6     28      13
## 21809    17.6    20.7     3.2     5.8     1.6     50      20
## 21810    17.2    21.2     0.8     4.8     4.9     44      26
## 21811    16.7    20.5     0.0     7.4    11.7     56      26
## 21812    16.5    20.9     0.0     8.0     8.5     48      26
## 21813    16.6    21.1     0.0     7.4    11.3     43      24
## 21814    16.2    20.8     0.0     8.4     4.7     37      22
## 21815    15.9    21.1     0.6     4.8     6.6     48      20
## 21816    17.5    21.8     0.0     6.0     5.8     54      30
## 21817    16.9    22.0     0.0     5.0     8.5     48      26
## 21818    15.7    21.9     4.8     6.2     7.6     41      24
## 21819    16.4    21.7     0.6     7.4     8.8     46      22
## 21820    17.0    22.2     0.0     5.0     9.6     41      24
## 21821    16.8    21.8     0.2     7.6     6.6     43      24
## 21822    15.8    21.5     0.2     7.8     1.8     44      20
## 21823    16.9    22.8     0.0     5.4     8.5     37      22
## 21824    15.5    22.2     0.0     7.2     9.0     31      17
## 21825    15.5    23.1     0.0     4.8     6.1     28      15
## 21826    17.3    21.6     0.0     4.0     4.8     33      20
## 21827    17.0    22.6     0.0     3.6    10.0     37      22
## 21828    16.1    22.5     0.0     6.2    12.5     35      22
## 21829    15.1    22.7     0.0     6.8    11.3     33      15
## 21830    17.5    24.9     0.2     4.2     3.5     39      17
## 21831    20.3    25.5     0.8     4.4     8.2     35      13
## 21832    20.3    26.0     0.6     5.2     8.4     30      15
## 21833    21.3    26.0     0.6     5.4     5.1     46      20
## 21834    18.3    22.9     3.4     5.2     0.4     59      20
## 21835    20.2    26.8     6.2     0.8     7.2     39      19
## 21836    21.5    25.7     0.0     5.4     1.3     41      17
## 21837    22.7    27.3     0.0     3.2     3.1     37      20
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## 21838    22.5    25.4    0.0     3.6     4.9    54    28
## 21839    22.2    25.6    0.0     4.6     6.8    52    20
## 21840    21.8    26.6    0.0     5.2     0.9    37    19
## 21841    21.0    26.0    5.0     3.8    10.1    39    24
## 21842    20.5    26.1    0.0     6.0    11.5    33    22
## 21843    19.6    25.5    0.0     5.8     8.7    41    20
## 21844    20.2    25.3    0.0     5.4     2.7    39    17
## 21845    22.0    25.4    1.0     2.2     1.5    52    24
## 21846    23.1    28.2    0.0     4.8     7.6    54    22
## 21847    23.3    28.0    0.0     6.0     4.1    30    15
## 21848    22.9    27.1    0.0     3.8     1.3    28    13
## 21849    22.6    25.3    0.8     4.0     0.0    22     9
## 21850    21.6    25.7    5.2     1.8     3.9    43    26
## 21851    21.4    25.8    0.0     6.0     5.5    48    24
## 21852    21.6    26.5    0.0     6.0     8.4    52    28
## 21853    22.0    26.3    0.0     7.6     7.7    54    31
## 21854    22.7    24.9    0.0     7.8     0.0    50    26
## 21855    21.7    27.1    3.0     0.0     9.1    46    31
## 21856    22.1    27.1    0.0     6.4    11.0    44    24
## 21857    21.6    26.6    0.0     7.4     9.6    48    24
## 21858    22.6    25.9    0.0     6.6     5.9    54    31
## 21859    22.0    26.5    0.0     6.0     8.8    59    22
## 21860    20.8    25.3    0.0    10.0    11.9    63    39
## 21861    20.7    25.3    0.0    10.4     8.6    57    31
## 21862    20.0    24.8    0.4     8.4    11.4    56    26
## 21863    20.0    25.4    0.0    10.2     8.6    67    31
## 21864    20.4    23.9    0.0    10.2     0.0    85    48
## 21865    21.3    25.0    5.8     2.4     0.9    70    37
## 21866    22.3    25.2    5.2     5.4     0.7    87    30
## 21867    21.3    26.2    3.4     2.2     8.1    70    30
## 21868    20.7    25.3    0.0     7.2    10.4    39    19
## 21869    19.2    24.7    0.0     8.0    10.2    43    22
## 21870    19.0    23.5    0.0     9.4     0.6    54     9
## 21871    16.4    21.9   19.4     4.8     0.4    56    28
## 21872    19.3    23.9   12.0     2.4    11.0    56    30
## 21873    19.0    24.1    0.2     6.4     9.2    35    19
## 21874    19.5    23.7    0.0     8.0     4.8    39    17
## 21875    19.6    24.1    0.0     4.4     7.7    44    24
## 21876    20.4    23.2    0.6     4.2     0.9    52    30
## 21877    20.7    24.1    2.6     2.0     0.9    46    24
## 21878    19.9    24.4    0.4     3.6    11.9    35    22
## 21879    20.3    23.4    0.0     8.0     6.2    50    28
## 21880    19.5    24.0    0.6     4.6     2.7    33    19
## 21881    19.7    23.7    0.0     3.8     1.7    35    20
## 21882    18.2    25.2    0.0     3.8     9.5    33    17
## 21883    20.2    25.4    0.0     5.0    11.1    31    24
## 21884    20.4    26.5    0.0     5.0     9.9    33    17
## 21885    19.6    25.8    0.0     6.0    12.5    39    17
## 21886    20.2    25.6    0.0     7.4     6.1    35    15
## 21887    19.7    25.7    0.0     5.4     8.4    31    11
## 21888    19.4    26.1    0.0     5.2     8.7    28    11
## 21889    20.7    22.8    0.6     5.2     0.1    35    15
## 21890    19.3    24.1    6.4     2.6     2.8    44    24
## 21891    20.4    25.4    1.2     4.2     8.5    44    20
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## 21892    21.5    25.5     1.2     5.2     4.8     35     24
## 21893    22.2    26.9     0.0     4.0     8.7     37     20
## 21894    21.0    25.8     0.0     5.6    10.2     41     19
## 21895    21.2    25.6     0.4     5.6     9.1     48     26
## 21896    21.9    26.1     0.0     6.4     8.2     46     24
## 21897    22.0    27.0     0.0     4.0     4.0     48     20
## 21898    22.9    28.0     3.4     3.8     2.0     37     17
## 21899    22.2    26.9     4.2     5.2    10.7     43     26
## 21900    20.0    25.5     0.0     6.4    11.8     33     17
## 21901    19.9    25.8     0.0     7.2    12.6     31     17
## 21903    21.2    26.2     0.0     9.0     4.5     50     24
## 21904    19.5    24.0     4.4    10.0     8.2     41     24
## 21905    18.9    24.4     0.2     5.4     7.8     35     17
## 21906    17.5    25.1     1.0     5.0    11.6     35     13
## 21907    18.4    25.3     0.0     5.2     6.6     31     15
## 21908    18.7    26.1     0.0     3.6    11.4     37     24
## 21909    22.2    27.5     0.0     7.4    11.7     35     20
## 21910    21.9    27.7     0.0     5.8     9.7     37     13
## 21911    22.2    28.1     0.2     5.0     9.1     35     17
## 21912    21.8    28.4     4.6     6.2     7.2     26     13
## 21913    23.8    28.1     0.0     7.2     1.6     48     17
## 21914    19.3    22.2    18.0     3.2     0.0     57     26
## 21915    18.8    23.3     0.4     5.2     8.8     56     28
## 21916    16.6    23.4     0.6     8.8     7.0     70     30
## 21917    18.0    23.6     5.2     6.4     6.8     63     30
## 21918    19.0    24.9     1.4     6.0    10.5     41     20
## 21919    18.9    25.5     0.2     7.0    10.4     52     24
## 21920    20.2    25.2     0.0     8.0     8.9     54     31
## 21921    20.3    25.4     0.0     8.6     8.8     57     24
## 21922    19.2    24.0     0.0     8.2     1.3     52     28
## 21923    19.9    24.8     1.8     5.6     6.3     43     22
## 21924    21.4    23.1     0.0     4.8     0.1     37     26
## 21925    20.6    25.4    13.8     0.8     6.4     31     11
## 21926    20.3    25.0    16.0     3.8     9.0     30      9
## 21927    18.2    23.9     0.0     4.6     0.5     44     11
## 21928    19.6    22.6    15.0     2.8     0.0     50     15
## 21930    21.8    26.6     5.2     2.2     4.1     30      6
## 21931    22.1    27.0    31.0     4.4     4.0     41     15
## 21932    23.3    26.9     9.4     1.4     8.6     43     19
## 21933    22.6    27.0     0.0     6.0     8.5     22     11
## 21934    23.4    26.4     1.0     3.4     2.9     30     11
## 21935    21.4    26.1     0.6     6.8     7.7     35     19
## 21936    20.2    24.4     0.2     6.8     8.1     54     30
## 21939    17.6    23.6     0.0     4.0     8.8     33     13
## 21940    18.5    22.1     4.4     1.8     6.0     50     24
## 21941    18.9    24.2     0.8     3.0     9.3     37     17
## 21942    16.2    23.4     0.2     4.0     9.5     19      4
## 21943    17.1    23.5     0.2     2.4     5.9     30     13
## 21944    17.4    21.0    41.0     5.4     4.3     35     17
## 21945    17.3    19.8     6.4     3.2     5.4     67     31
## 21946    13.3    20.9     3.0     4.4     6.5     54     28
## 21947    15.8    21.7     4.0     5.2     7.6     30      7
## 21948    15.1    22.5     0.0     2.8     6.5     35     15
## 21949    16.9    22.8     1.8     2.8     4.3     56     22
```

```
## 21950   17.2   23.0   28.4   4.8   5.3   65   28
## 21951   17.0   22.8    0.6   4.6   9.2   31    2
## 21952   16.7   22.5    5.8   3.6   8.1   46   15
## 21953   16.1   21.8    2.0   2.6   7.7   50    2
## 21954   16.9   21.1    2.0   4.4   4.8   59   15
## 21955   15.5   20.3    3.0   4.4   8.6   39   22
## 21956   14.7   20.8    0.0   3.8   9.9   26    9
## 21957   15.4   20.7    3.0   2.6   6.4   52    7
## 21958   15.8   19.9    1.0   5.6   4.1   56   30
## 21959   16.0   20.3    0.2   5.0   8.1   44   19
## 21960   14.5   20.5    3.4   5.0   8.0   52   20
## 21961   16.3   20.8    0.6   4.2   6.2   50   22
## 21962   16.5   21.8    2.2   3.4   6.9   41   30
## 21965   17.3   21.8   33.0   6.6   7.2   44   13
## 21966   18.5   21.8    0.0   4.4   8.5   43   19
## 21967   15.9   20.1    1.8   2.8   9.7   30   13
## 21968   14.8   20.5    0.0   4.0   8.3   43   15
## 21969   15.9   20.5    0.4   4.0   4.0   48   24
## 21970   17.5   20.9    0.0   2.2   0.4   61   33
## 21971   18.4   21.5   14.8   0.2   1.0   50   28
## 21972   17.7   22.5   22.8   3.8   9.4   63   20
## 21973   17.6   22.5    2.2   2.6   8.0   33   11
## 21974   17.8   21.8    0.0   2.8   9.6   31   19
## 21975   15.5   20.8    0.2   3.2   5.8   30   13
## 21976   14.8   20.9    4.0   1.8   1.7   33    9
## 21977   15.8   20.7    7.4   0.8   6.0   52   13
## 21978   13.9   20.6    0.2   2.4   5.6   30    9
## 21979   18.2   20.9    0.0   2.2   0.1   43   17
## 21980   18.0   21.5    6.2   1.6   5.4   31   15
## 21981   17.5   20.3    0.2   1.0   0.0   31   13
## 21982   14.9   18.8    1.0   1.4   0.0   56   13
## 21983   15.9   19.3   26.2   1.8   0.0   59   35
## 21984   17.4   20.8   44.4   3.8   0.0   50   28
## 21985   19.0   20.3    1.0   0.0   0.0   35   15
## 21986   18.3   20.2    2.8   0.0   0.0   69   33
## 21987   16.1   21.1   36.8   3.8   6.1   70   22
## 21988   15.8   20.4    5.4   3.6   5.0   76   31
## 21989   15.3   20.2    3.4   4.6   6.8   76   24
## 21990   14.7   19.6    2.2   4.0   6.5   57   28
## 21992   13.6   19.6    0.8   1.4   7.6   52   15
## 21993   15.5   19.1    9.8   3.0   7.8   50   26
## 21994   15.3   19.9    0.0   3.8   6.7   50   24
## 21995   14.5   18.2    0.2   3.0   9.2   39   19
## 21996   15.2   18.4    0.2   4.2   9.0   46   22
## 21997   15.3   18.9    0.2   3.4   6.2   37   15
## 21998   14.7   19.7    0.0   3.6   8.6   41   20
## 21999   15.0   17.2    0.2   3.2   6.5   52   31
## 22000   13.0   17.8    2.4   3.8   7.4   56   17
## 22001   12.0   18.2    9.4   3.2   9.0   35   17
## 22002   12.3   18.9    0.0   2.6   7.8   28    9
## 22003   13.1   18.4    1.8   1.4   7.8   57   13
## 22004   15.0   18.9    3.6   2.4   8.2   43   22
## 22005   13.4   19.1    0.2   2.4   9.3   54   17
## 22006   15.4   20.0    2.2   5.4   8.9   72   28
```

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## 22007   16.6   20.4    0.0     3.8    6.7      69      20
## 22008   14.1   18.2    1.0     4.2    8.9      65      31
## 22009   11.2   18.1    0.4     4.2    8.4      48      13
## 22010   13.3   19.4    0.2     2.2    7.1      46      24
## 22011   14.5   19.5    4.8     3.6    8.6      63      24
## 22012   13.7   18.1    0.2     5.0    7.6      65      28
## 22013   13.7   19.3    0.4     3.4    8.3      39      22
## 22014   15.0   19.9    1.6     2.6    6.4      52      26
## 22015   13.5   17.3    0.8     2.2    3.6      46      24
## 22016   12.0   17.3    0.6     4.2    4.7      41      19
## 22017   12.9   18.3    0.8     2.8    2.6      33      13
## 22018   13.4   19.1    0.0     3.2    8.4      37      17
## 22019   13.2   19.6    1.2     1.8    5.5      59      28
## 22020   15.9   20.6   24.6     3.6    7.3      72      15
## 22021   13.6   19.2    8.4     3.4    2.8      63      13
## 22022   13.1   19.1   42.4     5.0    7.5      56      33
## 22023   14.9   18.5    0.8     4.0    8.9      65      30
## 22024   14.2   17.0    3.8     4.0    7.6      65      33
## 22025   13.4   17.6    0.0     5.0    8.6      59      28
## 22026   10.8   17.6    1.4     3.4    4.5      24       7
## 22027   11.1   19.9    0.0     1.6    9.5      35      17
## 22028   13.3   19.1    0.0     3.0    3.9      30      17
## 22029   13.8   18.6   22.2     1.8    1.9      35      17
## 22030   14.2   19.1    1.6     0.6    9.1      37      17
## 22031   14.1   17.8    0.0     4.0   10.0      30      15
## 22032   11.5   18.6    0.0     3.4    7.5      31      13
## 22033   13.2   18.1    8.4     2.8    8.4      43      19
## 22034   12.6   16.9    0.8     4.2    8.7      52      30
## 22035   12.9   17.3    1.4     5.2    7.7      56      28
## 22036   14.1   17.7    0.0     5.0    8.0      52      24
## 22037   14.9   18.6    0.0     2.4    8.7      39      17
## 22038   13.4   19.8    0.0     3.6    8.7      30       2
## 22039   14.0   19.3    0.0     2.8    6.6      50      20
## 22040   14.0   18.5   21.6     5.0    0.6      57      35
## 22041   15.2   20.3    8.4     2.2    9.7      33      15
## 22042   15.2   19.9    0.0     2.0    9.7      43      15
## 22043   15.1   19.8    0.0     2.8    5.0      61      15
## 22044   14.0   17.9   12.8     5.6    6.6      91      50
## 22045   13.3   17.1    1.6     2.4    7.4      56      26
## 22046   12.2   16.3    0.6     4.6    7.0      41      20
## 22047   12.2   17.1    1.0     2.4    9.5      44      31
## 22048   12.0   15.2    0.4     3.2    4.9      65      20
## 22049    9.4   16.3    5.4     3.8    9.4      50      17
## 22050    9.4   16.7    0.0     4.0    6.9      35       9
## 22051   12.5   16.3    2.6     4.0    0.0      61      33
## 22052   13.7   17.9   31.4     2.4    2.6      67      43
## 22053   15.2   17.6    3.2     1.4    0.0      72      35
## 22055   15.4   18.1    8.6     1.0    0.0      48      22
## 22056   15.6   19.5   51.8     2.2    0.0      74      24
## 22057   16.0   19.4   26.4     0.8    7.6      61      15
## 22058   15.6   19.6    0.0     3.4    7.7      39      20
## 22059   14.8   19.0    1.0     4.4    0.5      37      17
## 22060   15.6   20.5    3.0     0.6    6.1      33      15
## 22061   15.6   19.5    1.8     2.6   10.4      37      15
```

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## 22062    13.3    18.9    0.0     4.4     6.5     28      15
## 22063    13.8    17.3    1.4     2.2     3.0     33      19
## 22064    11.6    19.0    0.0     2.6     9.8     30      17
## 22065    11.9    16.0    19.6    3.8     1.6     48      11
## 22067    12.7    18.5    0.2     6.4     9.5     50      30
## 22068    13.7    19.6    2.4     4.2     8.6     52      24
## 22069    15.3    19.9    0.0     4.6     10.1    56      37
## 22070    15.5    19.4    0.0     4.0     7.4     39      19
## 22071    13.9    19.7    12.0    2.4     10.1    33      17
## 22072    14.8    19.9    0.0     4.8     3.2     69      30
## 22073    14.3    19.3    13.4    4.4     9.0     76      33
## 22074    14.5    19.7    1.6     6.0     9.4     59      26
## 22075    13.9    17.4    2.8     5.0     8.9     52      28
## 22076    13.1    18.2    0.0     6.0     10.6    33      17
## 22077    14.3    19.2    0.0     5.2     8.0     46      22
## 22078    14.3    19.3    2.0     4.4     5.7     57      19
## 22079    13.2    18.6    1.8     2.6     10.6    31      13
## 22080    13.9    19.8    0.0     4.0     10.9    28      15
## 22081    14.2    20.4    0.0     3.6     9.4     50      31
## 22082    12.4    17.8    0.0     4.2     8.8     28       4
## 22083    11.3    18.8    0.0     3.6     7.0     37       9
## 22084    15.7    19.3    0.0     3.0     8.9     43      20
## 22085    13.6    19.3    1.0     4.6     8.6     41      20
## 22086    13.1    18.6    0.2     3.8     7.6     31      15
## 22087    11.9    18.9    0.0     4.0     11.2    26      11
## 22088    12.9    19.6    0.0     3.8     7.5     30      11
## 22089    13.1    19.6    0.0     3.4     2.7     37      26
## 22090    16.3    19.9    7.0     1.0     5.0     41       9
## 22091    14.3    18.6    16.0    3.0     3.6     44      24
## 22092    14.9    20.7    0.0     4.0     6.0     52      20
## 22093    15.9    20.7    0.0     2.6     6.5     35      15
## 22094    17.3    20.2    0.8     2.4     0.5     65      28
## 22095    17.7    20.5    4.2     6.4     10.8    59      37
## 22096    14.6    19.9    0.0     6.6     9.6     61      20
## 22097    13.0    18.4    3.4     5.8     7.5     54      26
## 22098    14.8    19.0    0.8     6.0     8.8     52      33
## 22099    15.4    19.2    0.0     6.2     1.3     35      17
## 22100    13.4    19.7    0.2     2.8     10.7    31      17
## 22101    13.8    19.9    0.0     4.8     7.6     54      24
## 22103    16.3    22.2    0.0     3.6     6.7     35      20
## 22104    15.1    20.4    0.0     3.4     11.5    33      19
## 22105    14.5    20.1    0.0     3.8     11.4    33      17
## 22106    13.4    20.2    0.0     6.2     11.3    26      15
## 22107    15.2    20.7    0.0     5.2     10.6    37      17
## 22108    17.7    21.4    0.0     5.4     2.8     48      22
## 22109    18.5    21.7    8.8     3.8     4.2     56      28
## 22110    15.2    18.7    0.2     5.6     9.8     59      28
## 22111    14.8    19.2    0.0     5.6     9.2     61      30
## 22112    14.3    19.4    0.2     6.4     6.2     48      26
## 22113    14.4    20.3    0.0     5.2     10.3    37      24
## 22114    15.6    21.1    0.0     5.6     11.6    30      20
## 22115    16.2    20.0    0.0     6.0     5.5     37      22
## 22116    16.4    18.9    0.0     5.4     0.0     37      20
## 22117    15.6    21.0    0.0     3.0     8.4     35      17
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## 22118    13.2    20.8     0.0     5.8     9.9     30    17
## 22119    15.4    21.5     0.0     2.8     5.4     37    24
## 22120    17.4    22.1     0.0     3.8     6.0     44    31
## 22121    16.7    21.3     6.0     3.8     0.2     54    30
## 22122    18.1    21.4     0.0     3.4     4.2     52    31
## 22123    17.4    19.5     0.0     4.0     0.1     46    30
## 22124    17.7    22.0     2.0     0.8     7.4     39    22
## 22125    15.8    21.3     1.2     5.0     9.8     39    20
## 22126    14.7    21.2     0.0     5.8    11.6     31    13
## 22127    16.0    20.9     7.8     4.4     6.4     44    11
## 22128    15.6    20.3     2.0     4.4    12.8     33    17
## 22129    14.4    20.1     0.0     6.6    12.1     33    19
## 22131    15.0    21.4     0.0     6.0    10.1     31    13
## 22132    15.1    21.7     0.0     5.2    11.9     28    15
## 22133    14.8    21.5     0.0     7.0    10.8     26    13
## 22134    15.4    22.5     0.0     5.8     8.3     31    13
## 22135    18.4    21.5     0.4     3.8     3.1     37    15
## 22136    16.0    21.3     1.0     3.2     7.9     33    19
## 22137    15.2    21.2     0.0     7.4    11.4     35    20
## 22138    13.9    21.2     0.0     7.4     9.0     31    17
## 22139    14.4    21.5     0.0     6.2    12.7     26    15
## 22140    15.6    23.2     0.0     4.6     8.9     31    15
## 22141    15.7    23.2     0.0     5.0     9.0     30    19
## 22142    17.5    21.3     1.4     6.8    11.4     44    26
## 22143    15.7    22.1     0.0     8.0     9.7     39    22
## 22144    15.0    23.5     0.0     5.8    12.1     31    13
## 22145    16.1    24.4     0.0     5.2    12.4     35    19
## 22146    18.5    24.3     0.0     7.0    12.5     33    17
## 22147    19.1    25.2     0.0     6.8    10.9     30    13
## 22148    17.4    23.8     0.0     6.6     2.8     33    11
## 22149    16.6    22.4     0.0     3.0     9.3     35    20
## 22150    17.3    23.1     0.0     7.6     5.9     39    17
## 22151    19.6    24.1     0.0     5.6     2.6     33    19
## 22152    17.0    24.3     4.8     4.0    12.0     37    19
## 22153    18.8    23.6     0.0     7.4     7.7     44    30
## 22154    19.3    25.2     0.0     5.4    11.2     50    31
## 22155    19.9    24.6     0.0     6.4    11.2     48    26
## 22156    20.9    23.8     0.0     7.6     0.1     37    24
## 22157    20.5    25.1    12.8     1.2     7.2     41     9
## 22158    20.2    21.9     2.0     4.2     0.1     33    22
## 22159    18.0    21.7     0.2     2.4     0.1     28    17
## 22160    16.5    23.3     0.4     3.4    10.8     33    17
## 22161    16.2    23.5     0.0     6.6     8.7     46    24
## 22162    19.3    22.8     0.0     7.4     0.3     89    39
## 22164    19.3    24.5     0.2     3.4     5.3     26    11
## 22165    19.5    25.5     0.0     3.2     4.3     41    19
## 22166    21.9    23.4     0.2     3.6     0.0     48    20
## 22167    21.4    23.7    13.0     1.0     0.0     57    24
## 22168    18.8    23.4     9.0     2.2    12.4     35    20
## 22169    18.1    22.0     0.2     8.6     1.5     37    24
## 22170    17.3    23.3     0.0     6.0    10.8     37    20
## 22171    16.9    22.2     0.0     6.4    11.4     41    19
## 22172    17.0    22.5     0.0     7.4    12.0     35    20
## 22173    17.1    22.4     0.0     8.0     8.6     30    19
```

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## 22174    19.3    24.7     0.0        5.4      7.8         50          26
## 22175    19.7    24.9     0.0        7.0     11.9         48          31
## 22176    19.1    23.3     1.4        8.6      9.8         52          31
## 22177    18.8    23.0     0.0        6.4      4.6         59          39
## 22178    18.7    22.1     0.8        7.0      0.0         76          41
## 22181    20.8    23.5    13.6        0.4      0.2         56          28
## 22182    20.4    24.5     1.4        2.6      7.7         52          19
## 22183    19.5    23.4     2.6        5.0      5.0         44          20
## 22184    19.4    23.4     0.2        4.8      7.8         31          15
## 22185    19.6    23.4     0.2        7.0     10.0         30          17
## 22186    18.0    21.9     2.0        4.4      0.5         37          22
## 22187    18.2    23.0     0.4        4.4      8.6         44          17
## 22188    18.8    23.7     0.4        7.4      4.8         44          17
## 22189    19.7    23.0     0.4        5.6      0.7         48          33
## 22190    19.5    23.3     0.4        3.8      6.6         48          28
## 22191    19.0    23.7     0.0        5.4     12.7         46          31
## 22192    17.8    22.7     3.0        8.8     11.9         37          20
## 22193    17.3    22.9     0.0        7.8     11.5         30          15
## 22194    15.5    23.1     0.0        8.0      9.2         33          13
## 22195    20.2    24.6     0.0        5.4      6.8         41          20
## 22196    21.6    24.6     0.0        5.0      2.8         50          24
## 22197    18.5    23.2     0.0        4.0      8.3         37          19
## 22198    16.7    23.2     0.0        6.6     10.1         28          13
## 22199    17.4    23.2     0.0        4.4      0.0         33          17
## 22200    19.8    22.3    23.4        3.4      0.0         54          24
## 22201    20.0    22.5     2.0        1.2      0.4         52          30
## 22202    21.1    24.5     1.2        2.4      4.3         52          28
## 22203    21.0    25.2     0.0        4.4      5.6         41          22
## 22204    19.2    24.8     0.0        4.8      8.2         37          19
## 22205    19.8    25.1     0.0        5.8      9.4         39          24
## 22206    19.1    25.5     0.0        5.0      9.6         30          17
## 22207    20.3    24.6     0.0        5.6     10.8         46          19
## 22208    19.2    23.4     2.4        7.6      9.7         46          24
## 22209    18.9    24.2     0.0        7.6      9.2         44          26
## 22210    20.0    23.6     0.2        7.2      0.3         41          26
## 22211    20.4    25.6     1.2        2.2      7.4         30          17
## 22212    18.3    24.0     1.6        4.4      8.0         44          19
## 22213    19.1    23.6     2.0        5.8      7.7         54          22
## 22214    19.5    24.8     0.0        8.8     10.8         54          31
## 22215    20.7    25.4     0.0        8.8     11.9         48          30
## 22216    18.6    25.1     0.0        8.0      7.3         43          20
## 22217    20.9    25.1     0.0        7.6      9.6         59          24
## 22218    20.9    23.0     0.2        8.0      0.0         74          43
## 22219    21.3    23.7    30.8        5.4      0.0         72          41
## 22220    22.0    24.1     2.0        1.2      0.2         63          20
## 22221    20.8    22.5    32.8        2.8      0.5         59          13
## 22223    21.0    25.7     1.6        4.2      8.8         50          31
## 22224    21.3    26.0     0.0        5.4      8.3         44          22
## 22228    18.6    25.3     0.0        7.2      9.3         31          22
## 22229    18.9    26.4     0.0        4.4      8.0         33          17
## 22230    21.1    25.5     0.0        5.4      6.0         30          17
## 22231    17.6    25.3     0.0        5.0      9.6         31          15
## 22232    20.5    26.6     0.0        6.2      9.9         37          24
## 22233    20.6    25.7     8.0        4.2      3.1         44          22
```

```
## 22234    20.2    26.0     1.2     4.6    11.4      39      22
## 22235    20.8    26.7     0.0     6.0     8.0      39      22
## 22236    21.9    26.2     0.2     6.4    10.8      44      24
## 22237    23.1    26.7     0.0     7.2     8.5      39      20
## 22238    23.4    27.0     4.6     3.6     5.8      26      13
## 22239    21.1    25.2     3.0     3.0     6.2      39      17
## 22240    19.9    24.9     0.0     7.0    10.9      48      26
## 22241    20.0    24.0     0.0     8.6    10.1      46      22
## 22242    18.7    24.1     0.0     7.8     7.6      37      20
## 22243    19.2    24.0     0.0     7.4     9.4      31      17
## 22244    17.2    24.9     0.0     4.8     8.8      24       9
## 22245    18.8    25.4     0.0     4.6     9.6      30      15
## 22246    19.6    26.5     0.0     5.6    11.1      37      17
## 22247    20.9    22.4     2.2     5.2     1.1      52      20
## 22248    18.6    22.8     1.0     5.8     6.6      41      22
## 22249    19.1    24.2     0.0     6.8    10.3      41      17
## 22250    18.5    24.3     0.8     7.4     6.9      44      28
## 22251    18.9    24.6     0.2     5.4     7.3      37      22
## 22252    17.3    24.4     0.0     5.4    11.7      26       9
## 22253    19.1    25.2     0.2     5.2     6.6      24      15
## 22254    19.9    25.8     0.0     2.8     3.4      33       9
## 22255    21.9    25.4    10.2     3.8    10.3      41      20
## 22256    20.4    23.9     0.0     6.2     5.5      39      22
## 22257    18.9    22.9     0.0     7.6     0.3      44      19
## 22258    18.9    23.8     0.4     4.0     2.2      41      28
## 22259    19.8    23.4     0.6     4.0     1.6      56      31
## 22260    20.2    24.8     2.8     3.2     4.6      61      35
## 22261    20.1    24.5     1.4     5.4     5.2      59      31
## 22262    19.9    24.4     5.4     3.8     4.9      48      19
## 22263    20.4    24.0     1.8     4.0     1.9      37      20
## 22264    18.9    22.1     1.0     4.0     0.5      33      15
## 22265    16.0    23.1     0.0     3.2     6.5      28       6
## 22266    18.3    25.5     0.8     2.8    10.4      24       7
## 22267    20.2    26.0     0.0     3.6     7.1      50      17
## 22268    22.0    26.3    21.4     5.0     2.5      61      22
## 22269    20.2    23.6     0.6     3.2     7.8      50      26
## 22270    19.0    21.8     0.0     8.6     5.2      52      28
## 22271    18.6    23.1     0.0     8.0     7.4      54      22
## 22272    18.2    21.2     0.4     6.8     0.5      57      30
## 22273    17.8    22.9     7.0     2.8     0.0      65      31
## 22274    19.2    23.9     4.6     0.8     5.5      48      26
## 22275    20.7    23.2     0.2     3.0     0.0      52      35
## 22276    21.1    22.6     3.0     5.6     0.0      59      30
## 22277    19.4    23.1    27.0     4.0     4.2      50      24
## 22278    18.7    23.1     0.2     2.8     1.5      30       4
## 22279    19.3    23.0    10.0     2.0     5.8      41      24
## 22280    18.0    23.3     2.4     3.6     6.7      43      20
## 22281    18.8    22.9    13.4     3.0     4.6      50      17
## 22282    19.8    22.5     3.8     2.0     1.7      54      31
## 22283    18.6    22.8     0.8     4.2     9.4      41      20
## 22284    17.4    22.1     0.0     4.8     9.7      35      19
## 22285    18.7    23.7     0.0     3.6     2.3      35      24
## 22286    19.9    23.2     8.4     0.8     9.3      48      15
## 22287    16.9    21.0     1.0     5.0     7.3      52      35
```

```
## 22288    15.5    21.6     1.0      6.6     8.6        43         28
## 22289    18.0    22.3     0.0      4.6     7.5        39         20
## 22290    16.7    21.6     1.0      4.4     6.6        39         20
## 22291    17.6    23.1     0.4      4.8     7.4        41         19
## 22292    17.4    22.5     6.8      3.4     5.5        50         26
## 22293    18.8    22.8     0.0      6.2    10.5        50         28
## 22294    18.9    22.9     0.0      5.2     8.7        57         35
## 22295    17.9    23.2     1.0      6.8     7.1        59         31
## 22296    17.6    23.0     2.6      5.2     6.5        54         31
## 22297    17.2    22.5     2.4      4.4     7.6        59         26
## 22298    18.2    22.7     1.6      4.2     7.7        52         26
## 22299    18.5    22.6     1.2      4.0     8.3        46         28
## 22300    19.9    22.6     0.4      5.8     2.4        48         19
## 22301    20.2    23.4     0.6      2.8     2.8        44         17
## 22302    19.4    23.2    14.4      2.4     6.1        35         15
## 22303    18.7    22.4     0.0      3.8    10.4        28         13
## 22304    17.1    22.1     0.4      3.6     2.2        30         11
## 22305    19.7    22.7     1.2      0.8     0.2        50         24
## 22306    17.3    20.3    40.8      3.4     6.7        52         30
## 22307    16.2    20.5     0.0      6.2     6.0        46         26
## 22308    16.9    20.4     0.0      4.8     2.6        54         28
## 22309    15.8    20.0     2.4      3.4     3.6        63         33
## 22310    16.3    21.9     2.0      4.4     0.5        74         37
## 22311    18.8    21.7     0.0      4.8     0.0        83         39
## 22312    18.4    22.9    57.6      5.2     8.7        72         13
## 22313    17.6    21.9     2.8      4.2     8.3        37         13
## 22314    17.5    21.6     0.0      4.0     8.4        50         22
## 22315    16.1    20.6     9.8      4.2     7.5        50         26
## 22317    16.1    22.1     2.4      4.2     8.7        31         13
## 22318    14.7    21.6     0.0      2.2    10.1        35         17
## 22319    16.9    22.5     2.4      2.8     8.5        57         19
## 22320    15.6    20.1     3.0      5.8     8.9        67         30
## 22321    15.5    20.8     2.4      4.8     8.5        69         31
## 22322    16.2    19.3     0.0      5.4     2.0        39         19
## 22323    13.6    19.1     3.0      3.0     5.9        28          2
## 22324    12.9    19.2     1.8      1.4     5.4        35          2
## 22325    13.6    19.7     0.8      2.8     9.3        30          9
## 22326    14.4    20.4     0.0      3.0     9.3        46         13
## 22327    14.7    20.2     2.2      3.6     9.5        33         19
## 22328    15.2    20.4     0.0      3.4     6.7        39         15
## 22329    15.3    20.5     3.0      2.6     4.5        46         28
## 22330    15.8    19.4     0.2      3.2     4.2        41         22
## 22331    15.7    20.5     0.0      4.6     0.0        46         24
## 22332    18.6    21.1     0.4      2.2     0.2        44         20
## 22333    17.1    20.1     6.2      1.2     0.0        50         11
## 22334    16.9    19.5     7.8      1.2     8.3        52         24
## 22335    15.3    18.4     0.0      6.2     8.2        48         26
## 22336    14.4    19.2     0.6      5.6     8.1        46         24
## 22337    15.3    19.0     0.2      3.0     7.6        33         17
## 22338    14.3    19.2     0.0      2.6     7.8        31         13
## 22339    13.9    20.4     0.0      2.2     8.9        35         15
## 22340    16.9    20.9     0.0      2.0     0.1        67         28
## 22341    17.8    22.1    24.0      3.6     9.4        78         26
## 22342    17.1    21.1     4.2      4.2     6.4        80         37
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## 22343    15.0    18.2     8.4     4.8     0.1     50     13
## 22344    13.8    18.1     1.4     2.2     7.6     43      9
## 22345    13.3    18.8     1.6     3.2     8.9     30     13
## 22346    13.2    18.8     0.4     2.2     5.8     20      7
## 22347    13.7    17.3     0.0     2.2     0.0     61     26
## 22348    14.8    19.0    27.6     8.6     0.1     96     50
## 22349    16.5    19.7    20.6     2.2     0.1     76     30
## 22350    16.7    17.5    29.2     6.0     0.0     72     33
## 22351    15.1    18.6    27.4     7.4     8.2     56     30
## 22352    14.9    18.5     0.0     4.0     6.1     33     15
## 22353    12.1    19.7     0.0     2.2     4.4     39      9
## 22354    16.1    20.5     1.0     1.4     7.5     50     30
## 22355    16.6    19.2     0.4     4.2     9.0     54     30
## 22356    13.8    20.1     0.0     3.4     6.2     65     19
## 22357    15.3    19.1     2.0     4.0     7.7     48     24
## 22358    13.3    19.4     0.0     2.8     9.0     22      2
## 22359    13.4    19.6     0.0     2.4     3.5     30     13
## 22360    16.4    19.3     0.2     1.4     0.5     37     15
## 22361    14.7    18.5     2.8     2.4     9.7     31     17
## 22363    13.0    17.7     0.6     2.4     8.4     41     20
## 22364    13.5    17.5     0.0     3.2     0.2     41     22
## 22365    15.3    18.9     2.4     3.2     0.0     59     28
## 22368    15.9    19.3     0.4     2.0     5.5     43     24
## 22369    15.2    18.8     2.8     2.8     7.6     46     22
## 22370    15.2    19.4     0.2     4.2     7.3     52     26
## 22371    16.1    19.2     1.4     4.4     8.1     65     24
## 22372    15.4    18.5     0.2     4.0     9.2     39     24
## 22373    13.0    17.3     4.6     3.6     9.1     37     19
## 22374    12.8    18.1     0.4     3.0     9.0     37     20
## 22375    12.7    17.3     0.0     3.4     7.6     30      7
## 22376    11.4    17.7     0.0     1.8     7.4     37     13
## 22377    12.8    18.0     0.0     3.4     3.4     44     20
## 22378    14.4    18.7     0.0     3.8     7.7     52     17
## 22379    14.1    19.6     4.8     2.2     9.2     41     22
## 22380    16.8    19.9     0.2     4.4     4.1     43     19
## 22381    17.4    18.7     1.2     1.4     0.0     50     20
## 22382    14.8    17.0     8.0     4.4     0.8     56     31
## 22383    14.9    18.0     0.2     3.0     6.4     50     26
## 22384    13.5    18.5     0.4     3.0     6.9     59     24
## 22385    13.9    18.1    13.4     1.6     1.7     54     31
## 22386    14.7    18.3    29.4     3.8     0.1     67     39
## 22387    15.7    20.6    27.0     3.4     5.1     33     11
## 22388    15.0    19.1    26.8     2.0     8.2     52     30
## 22391    15.3    18.3     1.6     2.4     5.2     39     17
## 22392    14.0    17.7     1.2     4.2     3.3     44     22
## 22393    13.5    17.7     0.0     2.6     0.3     22     11
## 22394    12.2    19.4     0.0     0.6     3.1     52     15
## 22395    14.7    18.4    11.0     3.4     8.9     69     33
## 22396    14.0    18.0     2.0     5.6     9.6     74     35
## 22399    12.2    18.2     0.2     4.6     7.6     48     11
## 22400    13.1    18.6     0.6     3.2     9.7     41     24
## 22401    13.1    18.2     0.0     2.8     8.9     44     15
## 22402    14.2    18.5     0.0     3.6     9.4     43     20
## 22403    12.8    18.8     5.0     4.4     7.4     50     15
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## 22404    13.1    18.9     7.2        4.6      9.9          52          28
## 22405    13.1    18.4     0.8        5.2      9.7          50          28
## 22406    12.6    17.7     2.4        6.0      6.8          56           6
## 22407    11.6    19.1     0.0        2.8      4.4          63          17
## 22408    13.8    18.8     1.6        2.0      6.2          69          11
## 22409    13.1    19.4     3.4        6.0      8.4          70          33
## 22410    15.5    18.4     0.0        4.8      7.2          50          30
## 22411    12.6    17.6     0.8        3.6      7.6          48          17
## 22412    13.3    17.8     1.0        4.0      9.3          52          26
## 22413    12.6    19.0     0.0        4.8     10.1          33          13
## 22414    13.3    19.3     8.2        3.8     10.1          31          13
## 22415    13.5    19.8     0.0        3.0      9.9          33          17
## 22416    13.6    20.5     0.0        4.2     10.0          37          15
## 22417    15.4    19.0     0.0        2.6      4.6          37          15
## 22418    13.5    18.6     0.8        3.0      7.8          43           9
## 22419    13.9    18.0     0.0        3.4      6.6          31          13
## 22420    12.0    18.1     1.4        3.6      7.2          24          11
## 22421    11.6    18.8     0.0        2.6      4.7          26           9
## 22422    13.7    18.7     0.0        3.2      8.0          30          17
## 22423    12.7    19.4     0.0        3.2      4.2          46          20
## 22424    16.0    19.6    12.8        2.6      0.9          37          13
## 22425    13.5    18.4    48.8        7.2      3.1          50          20
## 22426    13.4    17.5     2.8        2.4      8.5          56          28
## 22427    13.4    18.5     0.0        5.6      5.6          61          31
## 22428    13.0    18.2     0.4        3.4      9.0          28           7
## 22429    12.9    19.7     0.0        3.4      4.1          31          19
## 22430    15.5    18.8     9.4        2.2      2.6          59          15
## 22431    13.6    18.2    10.2        3.2      8.8          54          28
## 22432    13.5    18.9     0.2        4.2      9.2          41          17
## 22433    14.4    18.7     0.2        4.4     10.1          31          17
## 22435    14.2    19.2     0.0        4.0      1.0          30           9
## 22436    15.6    20.4     0.0        2.6      4.0          56          24
## 22437    14.5    19.8     6.0        3.0     10.6          37          17
## 22438    14.7    18.9     0.0        4.4     10.4          30          20
## 22439    14.1    18.0     0.0        4.6      3.9          31          17
## 22440    14.1    18.0     0.0        5.0      4.7          39          19
## 22441    12.5    18.0     0.0        4.8      8.4          43          20
## 22442    13.4    19.2     0.0        5.4      9.5          59          20
## 22443    15.2    19.0    11.4        5.6      7.6          69          24
## 22444    12.5    18.6     0.2        5.2      9.5          39          20
## 22445    12.9    18.1     0.0        3.8      8.7          39          17
## 22446    13.0    17.3     0.8        4.2      0.3          33          17
## 22447    13.4    18.5     0.4        1.6      2.3          33          19
## 22448    13.4    19.0     1.0        2.4      9.7          41          19
## 22449    13.4    19.7     0.0        3.6     10.7          39          26
## 22450    14.9    20.1     0.0        4.6      1.7          48          24
## 22451    15.8    20.3     2.2        2.8      4.0          41          22
## 22452    16.1    18.9     2.4        2.8      3.1          31          13
## 22453    15.6    20.0     3.0        1.8      3.8          33           9
## 22454    16.3    19.5     0.4        3.2      6.0          57          28
## 22455    15.1    17.9     0.8        4.8      4.5          59          30
## 22456    13.5    18.4    17.8        5.4      6.1          54          28
## 22457    13.7    18.9     0.6        4.2      7.6          37          15
## 22458    12.1    19.2     0.0        4.6      6.5          37          11
```

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## 22459    16.1    19.4     1.2      4.6      2.3        39          22
## 22460    14.3    18.7     2.6      3.0     10.4        37          20
## 22461    13.3    18.7     1.4      5.4     10.8        35          20
## 22462    15.0    19.5     0.0      6.6      9.9        31          17
## 22463    15.9    20.2     0.0      4.6     10.4        31          17
## 22464    16.0    20.3     0.0      6.0     10.5        44          31
## 22465    16.0    21.0     0.0      5.4     11.0        37          17
## 22466    16.4    21.3     0.0      6.2      9.8        44          20
## 22467    16.0    22.2     1.2      4.8      6.9        33          17
## 22468    16.9    21.8     0.0      2.6     10.7        57          19
## 22469    14.3    20.3     0.0      5.4     11.6        37          17
## 22470    15.8    21.4     0.0      5.4      5.6        57          24
## 22471    17.5    20.6    23.6      5.8     10.7        72          31
## 22472    15.6    19.3     0.0      6.6     10.5        37          17
## 22473    13.6    19.0     0.4      3.8      8.9        33          15
## 22474    13.5    18.7     0.0      6.4      8.7        31          22
## 22475    12.5    18.2     0.0      3.4      3.7        20           9
## 22476    13.0    20.6     0.0      5.2      7.7        44          24
## 22477    14.9    19.1     0.0      6.0     10.1        30          17
## 22478    12.3    19.7     0.0      5.4     10.0        26          11
## 22479    14.4    21.3     0.0      4.2     12.1        37          17
## 22480    17.2    21.5     0.0      4.8     11.6        39          17
## 22481    17.6    22.6     0.0      5.0      9.0        50          20
## 22483    15.9    19.3    18.6      3.4      0.1        63          31
## 22484    15.6    19.3     0.0      3.8      7.5        35          15
## 22485    13.6    20.6     0.0      3.6      9.1        28           7
## 22486    15.5    21.5     0.0      4.6      7.7        48          17
## 22487    15.4    19.4     0.0      5.6     11.2        52          26
## 22488    14.2    19.3     1.4      6.6      6.6        39          22
## 22489    15.9    20.2     0.0      5.6      6.0        30          13
## 22490    14.5    20.2     0.0      4.2      2.8        31           9
## 22491    14.0    21.9     3.6      3.2     10.0        30          13
## 22492    17.2    21.0     3.6      6.8     10.3        46          20
## 22493    15.7    19.6     0.0      6.0      6.2        37          20
## 22494    14.3    20.1     0.0      6.4      4.4        43          24
## 22495    14.7    18.7     0.6      5.0      6.6        54          26
## 22496    14.8    19.5     1.2      6.6      6.9        50          28
## 22497    14.3    20.2     7.0      6.0      9.6        57          30
## 22498    14.7    20.2     0.2      8.6     11.7        41          28
## 22501    13.4    19.3     7.0      3.8      5.6        39          20
## 22502    13.9    19.7     0.2      5.0     11.2        44          22
## 22504    15.7    21.3     0.0      7.2     10.2        44          28
## 22505    16.3    22.3     0.0      6.6      8.5        31           9
## 22507    17.9    22.8     0.2      5.8      9.3        37          13
## 22508    18.5    22.5     7.0      5.4      2.6        48          17
## 22510    17.6    23.3     0.4      5.2      2.6        28          15
## 22511    17.1    21.7     1.0      3.6      4.1        41          19
## 22512    17.2    21.5     0.2      5.4      7.2        41          20
## 22513    16.5    21.7     0.0      5.4      9.3        41          24
## 22514    15.8    21.1     0.0      7.4      7.4        37          22
## 22515    16.7    21.9     0.0      7.0      7.8        33          17
## 22516    17.1    21.4     0.0      6.8      4.5        33          17
## 22517    15.5    22.6     0.0      5.0      7.0        24          11
## 22518    15.2    23.4     0.0      5.0      5.6        31          13
```

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## 22519    18.3    23.2    0.0     5.0    11.2      31        20
## 22520    20.2    23.9    0.0     6.4     5.6      43        30
## 22521    20.6    25.3    0.0     4.8     4.7      41        28
## 22522    21.2    26.2    0.0     4.0    10.3      31        22
## 22523    20.2    22.4    4.0     7.0     7.0      52        33
## 22524    18.5    22.6    0.0     7.0     6.9      50        22
## 22525    18.3    23.0    0.0     7.0     9.3      41        22
## 22526    19.6    23.9    0.0     6.0     4.0      46        24
## 22527    17.4    22.9    0.0     5.4    10.8      35        19
## 22528    18.1    24.7    0.0     6.2     5.6      31        11
## 22529    20.0    26.0    0.0     4.4     7.1      26        15
## 22530    19.8    24.7    0.0     4.4     8.5      37        26
## 22531    18.0    24.3    0.0     5.2    11.0      35        26
## 22532    17.6    24.8    0.0     6.2    10.3      30        13
## 22533    18.5    26.1    0.0     5.4     9.9      31        17
## 22534    19.8    24.2    1.2     5.2    10.4      44        24
## 22535    18.5    23.6    0.0     8.0     9.9      39        19
## 22536    17.3    23.8    0.0     7.2    10.1      33        15
## 22537    16.8    24.0    0.0     6.2    12.8      33        13
## 22538    18.4    24.7    0.0     5.6    11.3      28        11
## 22539    18.2    24.3    0.0     5.6    12.5      28        15
## 22540    18.4    24.6    0.0     6.0     4.5      30        20
## 22541    20.1    25.2    2.0     4.2     3.1      33        17
## 22542    20.2    26.4    1.4     3.2     7.8      39        19
## 22543    20.9    25.8    0.0     5.6    10.7      43        22
## 22544    21.5    25.2    0.0     6.4     4.3      52        28
## 22545    20.2    25.8    1.0     4.6     9.2      59        31
## 22546    20.4    25.6    0.4     7.8     9.4      67        41
## 22547    18.8    24.7    3.4     8.2    10.7      69        33
## 22548    19.6    24.9    0.0    10.0    10.3      61        39
## 22549    19.0    25.1    0.6     7.2     7.5      56        28
## 22550    20.6    24.9    0.0     7.4     8.0      50        26
## 22551    18.5    24.7    0.0     6.4     7.6      35        22
## 22552    17.0    25.1    0.0     4.6    10.1      33        15
## 22553    17.6    24.0    0.0     6.4     2.1      30        15
## 22554    18.0    24.7    0.0     3.4     3.7      37        13
## 22555    18.3    24.7    0.6     4.0     7.5      44        26
## 22556    18.4    24.2    0.8     8.2     8.7      50        30
## 22557    19.6    24.7    0.0     6.8     9.6      48        28
## 22558    18.2    24.2    1.0     7.2     7.4      41        28
## 22559    19.6    24.7    0.0     7.2    10.2      43        24
## 22560    19.5    24.5    0.0     7.2    10.9      43        22
## 22561    19.9    24.6    0.0     8.0     8.3      48        26
## 22562    19.5    24.0    0.8     5.6     1.1      44        22
## 22563    20.3    23.8    1.6     3.0     2.5      59        28
## 22564    20.8    23.2    2.2     3.4     0.0      57        33
## 22565    21.8    26.2    0.8     0.4     2.4      37        17
## 22566    21.6    26.4    1.0     2.8    10.0      35        15
## 22567    21.7    25.3    0.0     5.6     4.9      33        22
## 22568    21.7    25.8    0.0     3.8     6.7      44        20
## 22569    19.9    24.6    0.0     7.0     9.5      41        22
## 22570    19.1    23.7    0.0     6.6     2.9      39        17
## 22571    18.7    24.2    0.0     4.6     6.9      41        20
## 22572    19.0    24.9    0.0     5.8    11.0      33        19
```

```
## 22573     19.6     24.9     12.4     5.8      3.2      56       24
## 22574     20.0     24.9      1.4     5.4      6.3      52       30
## 22575     18.8     24.5      0.0     6.6      8.2      43       19
## 22576     17.1     24.4      1.0     5.2      7.2      50       17
## 22577     17.7     24.8      0.8     6.6      7.6      54       28
## 22578     17.5     22.3      2.6     5.8      1.0      52       28
## 22579     17.5     23.9      5.0     3.4      3.8      56       31
## 22580     19.2     24.2     11.4     3.4      4.8      28       15
## 22581     18.6     24.1      2.4     2.2      5.4      24       13
## 22583     18.4     24.9      0.0     3.4      7.2      37       20
## 22584     20.1     23.5      3.4     3.6      2.1      46       26
## 22585     18.5     23.6      6.4     2.0      9.8      48       28
## 22586     16.6     22.2      4.0     5.6      3.8      48       17
## 22587     16.5     21.9      0.6     4.4      8.6      44       22
## 22588     17.8     21.7      0.8     5.4      5.5      41       19
## 22589     18.3     21.7      0.0     4.2      4.5      39       22
## 22590     18.1     22.3      0.0     5.0      9.8      39       26
## 22591     17.9     22.6      0.0     5.8     10.9      39       20
## 22592     17.3     21.5     16.6     6.8      0.6      50       26
## 22593     19.5     23.3      0.0     2.4      9.1      50       30
## 22594     19.2     21.5      0.8     5.6      0.3      78       35
## 22595     16.9     22.9     51.0     7.2      0.0      76       48
## 22596     17.9     23.1     36.0     5.0      2.8      72       43
## 22597     19.1     23.4      0.8     2.6      9.4      56       30
## 22598     17.4     22.4      0.0     4.0      2.8      20        7
## 22600     18.2     23.6      0.0     2.8     10.3      28       13
## 22601     19.3     23.7      0.0     3.4     10.6      30       15
## 22602     19.2     23.5      0.0     3.4      5.0      35        9
## 22603     19.5     22.9      1.4     2.6     10.0      39       20
## 22604     16.0     23.1      0.0     4.0      9.7      30        9
## 22605     16.7     23.4      0.0     2.4     10.7      31       17
## 22606     18.7     23.5      0.0     3.2     10.4      28        9
## 22607     17.4     22.3      0.0     3.2      9.6      30       13
## 22608     16.9     22.1      0.0     4.2      9.9      26       11
## 22609     16.5     22.2      0.0     4.0      9.4      33       17
## 22610     17.5     22.6      0.0     3.8      9.5      35       19
## 22611     18.0     22.1      0.0     3.4      7.7      37       20
## 22612     17.8     21.9      0.0     4.4     10.4      35       17
## 22613     15.5     22.0      0.0     4.4      9.5      26       13
## 22614     15.1     22.3      0.0     2.8      7.2      54       15
## 22615     17.3     21.5      2.4     3.6      8.3      52       24
## 22616     18.2     21.1      0.2     6.8      5.9      59       26
## 22617     15.8     21.0      0.2     5.2      9.1      65       30
## 22618     16.1     20.9      0.2     6.6      9.1      44       20
## 22619     14.3     20.4      0.2     3.2      8.2      31       11
## 22620     14.0     20.8      0.8     2.8      9.5      26       13
## 22621     15.8     21.1      0.0     3.0      6.3      39       13
## 22622     15.9     20.8      6.0     5.0      8.7      50       20
## 22623     16.6     19.5      0.0     4.4      2.1      48       24
## 22624     16.4     20.0      8.8     3.0      3.0      59       26
## 22625     16.6     20.8     10.8     2.0      3.7      50       24
## 22626     17.3     22.7      0.2     1.8      0.9      28       13
## 22627     15.6     22.0      0.2     0.8      7.2      28        7
## 22628     18.6     21.1      3.6     1.8      0.4      37       13
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## 22629	17.3	22.1	18.2	1.2	8.5	50	20
## 22630	16.4	22.0	0.8	3.4	6.4	43	17
## 22631	14.6	20.9	3.2	6.0	6.7	57	31
## 22632	13.9	20.2	3.0	2.4	7.5	74	41
## 22633	14.4	21.1	6.0	5.4	4.6	52	30
## 22635	16.4	20.5	0.8	1.4	0.0	48	15
## 22636	17.8	20.0	20.8	0.2	0.0	43	15
## 22637	17.2	21.4	11.0	1.2	5.2	41	11
## 22638	16.1	20.0	4.8	2.6	8.7	43	24
## 22639	15.9	18.3	0.2	5.8	8.3	56	28
## 22640	14.0	18.9	0.4	5.2	7.8	52	20
## 22641	14.5	19.0	0.4	3.6	4.4	46	22
## 22642	13.8	19.2	1.8	3.2	7.3	57	28
## 22644	16.4	20.0	0.0	5.2	8.9	46	20
## 22645	14.1	19.9	0.0	3.8	0.0	63	17
## 22646	15.6	19.1	13.4	3.8	6.6	78	41
## 22647	13.0	18.0	5.4	3.8	6.2	72	35
## 22648	14.3	19.1	1.2	2.6	5.0	39	22
## 22649	14.7	18.8	0.4	3.2	2.8	30	13
## 22650	14.6	18.3	0.0	2.8	1.6	22	2
## 22651	13.7	17.8	0.0	1.2	3.1	39	13
## 22652	14.2	18.8	0.4	3.2	7.8	33	17
## 22653	13.6	18.3	0.0	3.0	9.1	28	9
## 22654	13.2	18.8	0.0	1.6	8.5	30	7
## 22655	11.5	19.2	0.8	2.0	7.0	22	6
## 22656	12.9	20.5	0.0	3.0	2.1	33	11
## 22657	18.1	20.3	0.0	1.6	0.2	70	28
## 22658	16.8	20.9	50.6	4.2	8.2	61	20
## 22659	16.4	19.7	1.6	2.4	2.6	33	7
## 22660	15.3	19.7	0.6	1.6	2.0	56	28
## 22661	15.1	19.6	5.0	2.8	7.2	61	26
## 22662	15.0	17.9	0.0	6.2	7.7	61	33
## 22663	13.9	17.5	0.6	4.4	2.8	48	28
## 22664	14.7	17.6	0.0	4.0	3.9	28	11
## 22665	12.9	15.8	1.4	2.8	0.0	39	15
## 22666	13.4	17.8	1.0	2.6	7.2	39	19
## 22667	13.4	17.7	0.0	3.2	0.1	61	26
## 22669	14.0	18.4	21.0	5.0	6.1	65	31
## 22670	15.2	17.8	0.8	2.6	3.9	41	22
## 22671	14.1	17.4	0.4	3.0	9.4	41	20
## 22672	13.8	18.8	0.0	3.6	9.2	43	22
## 22673	15.6	19.9	0.2	2.6	7.8	61	33
## 22674	17.3	19.5	0.0	4.6	0.0	67	43
## 22676	16.7	18.9	0.4	1.6	0.7	54	26
## 22677	14.7	18.0	0.4	2.4	3.2	30	13
## 22678	14.2	19.4	0.0	2.6	9.0	20	9
## 22679	15.3	19.5	0.0	2.6	1.9	24	9
## 22680	14.0	18.8	5.8	1.2	8.6	35	19
## 22681	13.7	17.4	0.2	3.6	9.5	37	15
## 22682	12.5	16.7	1.6	4.2	7.6	48	15
## 22683	11.4	16.6	0.0	3.6	4.2	39	19
## 22684	12.2	16.6	0.0	3.4	8.2	50	13
## 22685	11.0	16.3	5.2	4.0	7.5	44	22
## 22686	12.2	16.6	2.6	3.6	7.9	52	30

## 22687	12.9	17.1	0.6	4.0	6.9	48	26
## 22688	12.6	16.3	0.6	4.0	2.4	41	19
## 22689	12.2	17.1	1.2	3.4	2.5	46	26
## 22690	14.1	17.8	0.2	2.6	4.2	48	24
## 22691	14.5	19.6	2.0	1.6	8.4	50	24
## 22692	16.0	19.2	0.0	3.0	8.4	52	26
## 22693	15.1	19.5	0.0	2.8	10.3	35	24
## 22694	13.1	19.2	0.0	3.2	3.0	28	13
## 22695	12.9	19.0	0.0	2.8	6.3	22	11
## 22696	15.0	18.5	0.0	2.2	0.1	35	11
## 22697	13.8	18.3	5.4	1.2	7.1	31	15
## 22698	13.5	17.5	0.8	2.2	7.0	35	15
## 22699	14.2	18.1	0.0	3.4	9.4	39	17
## 22700	14.6	17.2	0.0	4.6	2.2	46	19
## 22701	14.1	17.9	0.0	2.6	6.4	56	26
## 22702	13.9	17.4	1.2	4.4	1.1	61	31
## 22703	15.6	18.4	6.0	1.0	1.2	70	37
## 22704	16.5	21.1	1.2	1.2	5.9	48	15
## 22705	16.4	18.1	1.8	2.6	2.6	61	31
## 22706	15.8	19.2	1.8	2.8	8.4	61	35
## 22707	14.8	18.5	0.2	2.4	9.8	30	13
## 22708	12.6	20.0	0.2	3.0	10.0	28	6
## 22709	11.7	19.5	0.0	2.4	9.2	30	9
## 22710	13.6	19.7	0.0	3.2	9.9	28	15
## 22711	12.1	19.6	0.0	2.8	4.5	37	13
## 22712	13.2	19.0	40.6	4.2	0.8	46	26
## 22713	14.5	18.9	39.0	3.8	8.7	41	19
## 22714	15.5	19.1	0.0	3.2	10.1	46	28
## 22715	15.3	19.0	0.0	5.0	10.3	33	24
## 22716	13.6	19.7	0.0	4.0	9.1	50	22
## 22717	15.4	18.7	0.6	3.4	10.0	48	24
## 22718	11.8	19.5	0.0	4.0	6.3	48	7
## 22719	15.7	18.9	4.2	3.6	9.6	65	28
## 22720	12.8	18.4	0.4	4.4	10.0	50	19
## 22721	12.4	18.7	0.0	5.0	9.1	37	15
## 22722	14.9	18.6	0.0	3.8	10.2	41	20
## 22723	11.0	19.6	0.0	5.0	7.5	39	15
## 22724	13.9	19.3	24.0	4.4	8.7	41	24
## 22725	12.7	18.5	0.0	3.0	10.1	30	13
## 22726	12.7	19.0	0.0	3.4	9.8	28	13
## 22727	13.6	19.9	0.2	4.0	10.5	57	22
## 22728	13.4	17.9	3.0	4.8	9.9	57	28
## 22729	14.9	18.3	0.0	3.6	2.2	44	17
## 22730	13.8	18.9	0.0	3.6	9.2	24	7
## 22731	11.9	20.2	0.0	3.0	6.7	41	11
## 22732	12.6	18.4	0.0	2.4	9.1	37	20
## 22733	13.0	17.5	0.2	4.8	7.0	39	26
## 22734	12.8	17.9	0.6	4.0	8.2	37	15
## 22735	11.5	17.4	0.0	4.4	3.7	30	6
## 22736	12.1	17.3	8.2	2.2	2.0	35	19
## 22737	12.1	16.6	11.2	0.4	3.3	67	33
## 22738	12.7	17.6	7.0	4.4	8.9	50	26
## 22739	12.5	16.5	0.2	5.6	8.2	76	39
## 22740	12.2	17.3	1.2	7.0	7.5	63	28

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## 22741    13.5    17.8    0.0     5.0     9.1     30      13
## 22742    11.9    18.9    0.0     4.0     10.1    31      11
## 22743    13.4    19.3    0.0     1.8     9.3     31      20
## 22744    14.4    20.0    0.0     3.2     9.4     31      15
## 22745    16.1    21.4    0.0     4.0     6.2     48      24
## 22747    16.0    21.1    1.4     1.0     6.2     67      19
## 22748    14.4    18.2    3.6     4.2     9.0     41      17
## 22749    10.4    19.5    0.0     3.6     8.7     52      13
## 22750    15.7    19.1    2.4     4.4     9.1     74      35
## 22751    14.4    18.8    1.6     4.8     9.1     50      24
## 22752    14.5    20.3    0.0     4.6     6.7     39      22
## 22753    17.2    21.4    0.0     4.0     9.1     50      28
## 22754    17.9    21.9    0.0     3.2     9.4     48      24
## 22755    14.4    20.0    13.2    5.2     2.1     41      15
## 22756    14.9    19.8    0.4     1.2     9.6     30      15
## 22757    14.7    18.7    0.0     4.2     0.0     50      22
## 22758    14.8    18.6    8.0     4.0     7.4     54      31
## 22759    15.8    19.9    0.0     5.0     7.9     48      30
## 22760    17.6    21.5    0.0     4.0     6.7     39      24
## 22761    16.9    21.5    0.0     3.8     9.9     31      15
## 22762    17.4    20.2    0.0     3.4     4.5     26      13
## 22763    13.6    21.8    0.0     2.8     10.3    41      13
## 22764    14.7    20.0    8.0     5.8     11.2    56      20
## 22765    14.5    19.0    0.0     5.2     9.6     28      13
## 22766    13.0    19.9    0.0     4.2     2.0     31      11
## 22767    16.0    20.1    0.0     4.0     5.2     31       7
## 22776    15.7    20.5    0.4     5.6     10.2    50      19
## 22777    13.1    21.0    0.0     5.6     10.4    37      13
## 22778    16.3    22.0    0.0     5.2     10.2    57      24
## 22779    16.2    19.8    12.8    5.6     8.8     59      26
## 22780    13.4    19.2    0.0     7.0     11.9    31      15
## 22781    13.4    20.0    0.0     6.0     10.9    39      24
## 22782    15.5    20.7    0.0     6.0     8.8     41      19
## 22783    16.0    20.9    0.0     6.4     11.0    52      30
## 22784    15.1    20.7    0.0     7.0     11.4    48      28
## 22785    13.9    20.7    0.0     7.2     11.6    41      17
## 22786    13.4    20.5    0.0     6.0     12.3    31      19
## 22787    14.0    21.1    0.0     6.8     12.1    33      20
## 22788    15.4    22.0    0.0     5.8     11.5    33      19
## 22789    18.6    23.6    0.0     4.6     10.7    28      15
## 22790    17.5    20.8    0.0     5.0     7.3     31      19
## 22791    16.4    21.1    0.0     3.6     6.8     37      19
## 22792    15.0    20.6    0.0     5.0     11.6    35      19
## 22793    14.6    20.3    0.0     5.8     4.5     30      15
## 22794    14.5    21.9    0.0     3.0     10.1    35      19
## 22795    16.4    22.3    6.6     5.4     6.2     41      11
## 22796    16.6    21.1    0.4     4.0     11.4    35      24
## 22797    14.4    20.3    1.4     6.4     9.3     31      15
## 22798    14.2    19.7    3.4     6.6     9.3     31       9
## 22799    12.4    21.7    0.0     4.6     10.5    33      11
## 22800    13.9    20.6    3.4     5.0     7.5     54      19
## 22801    14.9    20.7    2.2     5.8     10.1    52      30
## 22802    14.1    21.0    0.4     6.8     9.1     41      19
## 22804    16.2    20.4    0.0     7.0     6.0     31      13
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## 22805   13.9   21.2    0.0    5.4    5.6   28    9
## 22806   15.9   21.3    0.0    4.6    1.0   30   13
## 22807   16.1   21.6    0.0    5.8    9.6   37   24
## 22808   16.7   22.0    0.0    5.4    6.7   37   15
## 22809   17.1   21.7    0.0    4.6   12.4   50   35
## 22810   15.3   21.8    0.0    7.6    7.2   39   22
## 22811   18.0   21.8    0.0    5.8    2.4   52   24
## 22812   17.9   22.9    1.8    3.8    6.2   37   22
## 22813   18.5   23.9    0.2    3.0    5.9   35    9
## 22814   19.2   22.2    6.8    4.0    0.3   52   35
## 22815   16.9   24.0   67.0    2.6    9.2   46   24
## 22816   16.8   23.1    5.2    4.4   12.8   31   13
## 22817   17.9   21.8    1.4    5.2    4.2   52   24
## 22818   17.9   22.2    2.4    5.0    3.9   48   22
## 22819   17.6   22.8    1.4    3.8    1.2   31   13
## 22820   17.6   23.1    2.6    3.0    4.9   35   13
## 22821   20.2   24.8    1.0    3.4    6.9   31   11
## 22822   19.0   22.8    4.8    3.8   12.5   43   19
## 22823   16.5   22.8    1.6    7.6   12.4   48   24
## 22824   17.7   23.0    0.0    7.0   12.8   31   15
## 22825   18.5   24.0    0.0    5.4   12.3   35   22
## 22831   18.3   24.7    0.0    4.4   11.3   31   19
## 22832   17.8   22.9    0.4    5.6    8.2   41   19
## 22833   16.9   22.4    0.0    7.0   12.5   33   17
## 22834   16.6   22.7    0.0    7.2    7.3   35   15
## 22835   15.4   22.7    0.0    6.2   12.3   37   20
## 22836   16.9   23.5    0.0    6.0   10.8   31   13
## 22837   16.4   23.5    0.0    6.0    9.9   31   19
## 22838   17.6   21.9    0.0    6.6    0.3   33   13
## 22839   18.2   22.6    0.4    1.6    2.8   30   19
## 22840   19.1   23.3    0.2    4.2    8.8   33   19
## 22841   18.9   23.8    0.0    4.8   10.6   35   17
## 22842   18.0   23.2    0.0    7.0   11.8   37   22
## 22843   18.1   23.3    0.0    6.2   11.6   33   17
## 22844   18.0   22.7    0.0    7.8   11.2   41   20
## 22845   18.2   22.7    0.0    7.0   12.8   46   22
## 22846   17.2   23.1    0.0    9.2   11.0   39   20
## 22848   16.6   23.4    0.0    6.2    5.8   35    9
## 22849   15.9   23.4    0.0    4.8   12.9   30   15
## 22850   16.0   24.0    0.0    6.2   12.5   28    2
## 22851   18.3   23.1    0.0    5.6    2.9   35   19
## 22852   17.8   23.4    0.0    4.4    3.9   35   17
## 22853   20.0   25.0    9.8    2.4    6.4   52   20
## 22854   18.8   23.7   13.2    6.6   11.8   39   19
## 22855   17.2   23.8    0.0    6.6   12.7   31   19
## 22856   16.1   23.7    0.0    6.2    4.5   26   13
## 22857   17.8   25.2    0.0    4.0    6.4   26   17
## 22858   18.5   25.1    0.0    3.6    9.9   35   17
## 22859   18.4   26.7    0.0    5.2    8.1   33   17
## 22860   20.3   27.0    0.0    5.2   12.9   31   19
## 22861   21.6   26.5    0.0    5.8   12.6   28   17
## 22862   19.8   26.6    0.0    6.0   11.1   26   11
## 22863   20.4   26.9    0.0    5.6   12.8   31   15
## 22864   20.6   24.7    0.0    7.0   12.4   41   24
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## 22865    18.3    23.7    0.0     8.8    11.9     50     24
## 22866    18.1    23.4    0.0    10.0     6.1     37     19
## 22867    18.0    23.7    0.2     7.8     7.8     37     19
## 22868    18.1    24.0    0.0     7.2    10.6     35     22
## 22869    18.8    24.2    0.0     6.4    10.7     35     22
## 22870    19.4    24.1    0.0     7.6     9.8     37     20
## 22871    18.2    24.0    0.6     7.6     9.2     43     24
## 22872    19.6    24.8    0.0     7.2     8.9     37     19
## 22873    19.4    24.3    0.0     9.2     8.6     35     13
## 22874    19.4    25.0    0.0     7.8     6.0     48     20
## 22875    20.8    24.7    3.2     7.2     0.0     98     39
## 22876    19.2    23.3   40.6     6.6     6.2     81     44
## 22877    19.8    24.9    0.0     6.0    11.9     35     13
## 22878    19.8    25.8    0.0     5.4     7.0     26     15
## 22879    19.3    25.3    0.0     5.4     8.8     33     17
## 22880    20.6    23.5    0.0     5.4     0.8     52     22
## 22881    20.3    25.9    0.0     3.8     9.9     52     30
## 22882    22.1    26.0    0.0     7.2     2.1     44      6
## 22883    19.4    21.0    2.6     3.2     0.2     52     30
## 22884    18.3    22.4    0.0     5.6     7.5     52     28
## 22885    18.9    23.4    0.0     9.2     9.7     54     28
## 22886    19.0    22.8    0.0     8.6    11.2     46     24
## 22887    18.4    23.0    0.0     8.6     6.4     48     28
## 22888    17.6    23.5    1.4     5.6     7.5     37     26
## 22889    18.4    24.2    0.0     5.8    11.4     43     24
## 22890    19.7    24.9    0.0     8.0     7.2     52     30
## 22891    20.0    21.4    9.0     6.8     0.4     57     30
## 22893    19.9    21.8    1.6     2.6     0.0     54     22
## 22894    20.0    23.0   17.8     0.6     1.3     43     20
## 22895    17.1    23.9    0.0     3.4    11.1     30     13
## 22896    19.0    23.7    0.0     6.0     3.9     44     13
## 22897    19.4    23.7    0.0     6.4     2.6     39     19
## 22898    19.5    23.7    0.0     5.4     7.6     35     20
## 22899    17.2    23.0    0.2     4.2    11.5     26     15
## 22900    16.1    24.4    0.0     5.2     9.9     26      2
## 22901    17.2    23.5    0.0     4.0     2.7     26     11
## 22902    18.8    23.8    0.0     3.4     6.0     33     20
## 22903    18.8    24.9    0.0     4.6     9.6     41     19
## 22904    20.4    24.6    0.0     5.2    11.2     41     19
## 22905    20.5    24.1    0.6     5.4     5.8     41     20
## 22906    20.7    24.9    0.4     3.2     9.1     30     17
## 22907    21.2    25.2    2.2     4.6     7.0     28     13
## 22908    21.0    24.9    1.6     4.8     7.0     31     15
## 22909    21.1    25.0    1.2     2.0     8.7     37     17
## 22910    20.4    23.9    6.6     4.0     2.4     56     24
## 22911    19.3    23.0    0.2     4.2     8.6     48     26
## 22912    19.3    23.3    0.0     8.0     5.9     46     24
## 22913    20.3    24.2    0.0     5.8    10.6     52     30
## 22914    19.6    24.0    0.0     7.4    10.8     39     22
## 22915    20.3    23.8    0.8     6.8     2.5     44     24
## 22916    19.6    23.8    0.6     4.0    11.4     43     22
## 22917    18.4    22.8    0.6     7.2     8.4     37     15
## 22918    17.3    22.9    1.0     6.0     7.4     41     20
## 22919    17.0    22.8    0.4     6.0     8.0     48     19
```

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## 22920    17.5     22.8      0.2          7.0        5.3         33          9
## 22921    16.0     22.4      5.0          4.2        5.2         35          9
## 22922    17.2     23.1      2.6          5.8        6.3         41         26
## 22923    19.2     24.3      0.0          5.4        9.7         44         26
##       WindSpeed3pm Humidity9am Humidity3pm Pressure9am Pressure3pm Cloud9am
## 6050           20          20          13      1006.3      1004.4        2
## 6051           19          30           8      1012.9      1012.1        1
## 6053           15          42          22      1012.3      1009.2        1
## 6054            6          37          22      1012.7      1009.1        1
## 6055           13          19          15      1010.7      1007.4        1
## 6056           20          26          19      1007.7      1007.4        8
## 6057           19          33          15      1011.3      1009.9        3
## 6058            6          25           9      1013.3      1009.2        1
## 6059            9          46          28      1008.3      1004.0        1
## 6060           17          61          14      1007.9      1005.8        1
## 6061            7          27           9      1012.6      1010.1        0
## 6062            9          40          15      1013.6      1010.4        0
## 6063           11          25          15      1012.9      1010.1        1
## 6064           22          24          15      1012.4      1009.0        4
## 6065           19          19           8      1014.1      1012.3        0
## 6066           15          25           5      1016.3      1013.8        0
## 6067           17          46          19      1016.4      1013.5        1
## 6068            9          34          29      1013.1      1009.6        7
## 6069           17          54          14      1011.1      1008.5        1
## 6070           28          46          52      1012.0      1009.8        4
## 6071           19          71          63      1008.6      1006.2        7
## 6072            7          89          50      1008.6      1006.7        7
## 6073           15          46          23      1008.6      1008.3        2
## 6074            6          19          10      1013.1      1011.8        1
## 6075            7          50          16      1014.6      1012.1        0
## 6076            7          45          22      1015.2      1012.6        1
## 6077           19          37          17      1014.4      1011.5        0
## 6078           20          31          14      1014.6      1011.2        0
## 6079           20          34          18      1013.8      1010.5        0
## 6080           20          35          18      1015.2      1011.9        1
## 6081            9          34          16      1012.9      1009.8        5
## 6082            9          32          20      1010.4      1007.1        5
## 6083           11          42          17      1008.4      1005.0        1
## 6084            7          50          21      1007.0      1003.5        0
## 6085            7          33          14      1005.9      1003.3        1
## 6086           13          25          16      1007.5      1005.2        1
## 6087           19          22          14      1010.4      1008.3        1
## 6088           13          23           9      1009.9      1007.3        0
## 6089           13          24          12      1008.6      1006.9        5
## 6090           24          26          14      1010.2      1008.8        7
## 6091           24          38          19      1011.9      1010.1        0
## 6092           13          44          25      1013.2      1010.0        6
## 6093           35          66          53      1013.8      1012.2        7
## 6094           19          81          93      1014.3      1013.2        7
## 6095           24          66          56      1012.1      1011.2        5
## 6096           20          65          97      1011.2      1010.7        7
## 6097           19          94          77      1011.9      1010.2        8
## 6098           15          69          53      1009.0      1006.2        3
## 6099           13          66          28      1008.7      1007.1        0
```

```
## 6100            4          45         19       1011.0      1009.6         2
## 6101           11          39         25       1012.5      1010.8         1
## 6102            9          52         19       1013.3      1011.2         0
## 6103           24          53         30       1012.8      1010.4         3
## 6104           22          60         34       1013.5      1011.7         3
## 6105            9          69         32       1014.9      1013.2         2
## 6106            7          25         19       1014.7      1013.0         0
## 6107            7          55         22       1014.5      1011.7         1
## 6108           19          41         18       1010.9      1008.1         6
## 6109           11          33         14       1011.4      1010.1         6
## 6110            6          31         31       1013.4      1012.7         7
## 6111           28          28         20       1012.8      1008.6         7
## 6112           24          46         21       1016.0      1015.6         8
## 6113           17          50         29       1016.9      1014.2         1
## 6114            9          52         28       1014.8      1012.0         0
## 6115            7          42         18       1014.6      1012.4         0
## 6116           11          29         13       1014.2      1012.0         0
## 6117            9          52         29       1015.8      1013.2         3
## 6118           11          49         34       1014.9      1013.7         7
## 6119           19          54         34       1016.9      1014.4         1
## 6120           20          54         35       1016.2      1013.2         6
## 6121            6          86         43       1016.1      1013.3         5
## 6123           13          47         25       1014.5      1012.2         1
## 6124           15          43         34       1015.1      1012.6         0
## 6125            9          58         25       1015.6      1013.6         0
## 6126            9          41         23       1015.8      1012.9         0
## 6127            9          39         16       1014.7      1012.7         5
## 6128            6          29          9       1014.5      1011.9         0
## 6129            7          40         14       1014.7      1011.9         1
## 6130           13          46         19       1014.4      1011.9         7
## 6131           15          35         17       1014.5      1012.5         2
## 6132           20          30         12       1014.9      1013.7         1
## 6133           20          29         14       1017.3      1016.0         2
## 6134            9          31         13       1019.2      1016.8         5
## 6135           11          46         18       1021.3      1019.3         3
## 6136            6          52         23       1021.2      1018.9         0
## 6137            7          40         18       1020.3      1017.3         5
## 6138            9          43         24       1019.5      1016.3         3
## 6140           19          55         36       1016.3      1014.1         1
## 6141           20          67         40       1017.9      1015.1         0
## 6142            9          60         36       1018.0      1014.8         2
## 6143           11          51         30       1020.2      1018.0         0
## 6144           15          40         17       1019.8      1016.3         0
## 6145           15          53         23       1021.2      1018.6         0
## 6146           13          44         26       1023.6      1020.0         0
## 6147           11          57         32       1023.0      1019.8         1
## 6148           15          45         32       1021.2      1016.9         7
## 6149            9          97         76       1021.3      1019.3         7
## 6150           15          94         63       1023.1      1020.2         7
## 6151            7          89         68       1022.9      1020.2         7
## 6152            9          92         71       1020.6      1016.4         7
## 6154           22          56         23       1014.6      1012.0         0
## 6155           15          52         22       1015.1      1011.2         5
## 6156           13          38         27       1017.7      1015.7         0
```

## 6157	15	50	29	1020.9	1018.2	0
## 6158	9	46	25	1020.3	1016.3	0
## 6159	15	52	23	1019.6	1016.1	0
## 6160	13	52	33	1021.0	1016.8	1
## 6161	15	58	30	1021.8	1018.0	4
## 6162	9	57	28	1018.5	1013.7	0
## 6163	24	51	36	1009.2	1003.6	8
## 6164	24	64	36	1010.3	1006.0	1
## 6165	19	54	37	1011.1	1010.7	1
## 6166	17	58	34	1017.7	1015.2	0
## 6167	19	78	41	1020.7	1018.6	7
## 6168	11	57	34	1021.6	1018.9	7
## 6170	2	49	31	1024.9	1021.6	6
## 6171	15	39	29	1025.6	1022.5	0
## 6172	17	54	22	1026.0	1023.5	0
## 6173	9	55	25	1028.3	1025.8	0
## 6174	13	41	18	1029.7	1025.9	1
## 6175	9	45	25	1027.4	1023.0	1
## 6176	9	45	25	1025.5	1022.7	1
## 6177	13	65	27	1027.7	1024.3	0
## 6178	11	55	27	1025.1	1020.7	0
## 6179	9	45	25	1022.2	1019.1	0
## 6180	9	52	27	1022.6	1019.2	0
## 6181	9	42	29	1021.5	1018.0	0
## 6182	20	45	30	1019.1	1016.4	1
## 6183	15	51	35	1019.4	1016.6	0
## 6184	19	50	32	1019.6	1016.6	1
## 6185	17	56	46	1018.1	1016.4	2
## 6186	17	64	35	1022.3	1018.5	7
## 6188	17	96	91	1018.7	1015.6	8
## 6189	26	96	91	1016.1	1014.9	8
## 6190	28	64	49	1018.2	1016.2	7
## 6191	20	64	49	1018.5	1015.4	1
## 6192	19	68	50	1017.5	1015.7	2
## 6193	19	66	49	1021.2	1019.0	2
## 6194	17	67	50	1022.6	1019.1	6
## 6195	2	87	63	1020.8	1018.5	7
## 6196	7	96	76	1021.5	1018.8	8
## 6197	13	74	44	1023.1	1020.5	3
## 6198	11	82	45	1023.7	1021.8	2
## 6199	15	74	52	1025.6	1023.6	0
## 6200	13	76	63	1027.7	1025.2	8
## 6201	20	95	95	1026.5	1023.8	8
## 6202	13	97	97	1023.8	1021.6	8
## 6204	6	97	40	1020.4	1017.1	7
## 6205	11	86	40	1018.4	1015.5	3
## 6206	9	72	92	1014.4	1011.2	5
## 6207	17	79	70	1011.3	1010.4	2
## 6208	22	78	55	1014.9	1013.5	1
## 6209	24	84	57	1017.4	1015.1	1
## 6211	11	79	46	1026.6	1024.1	0
## 6212	7	73	50	1025.4	1021.3	3
## 6213	15	68	32	1017.6	1012.6	6
## 6214	22	61	26	1012.1	1009.7	6

## 6215	13	68	60	1013.0	1011.6	6
## 6216	9	91	39	1021.0	1020.3	5
## 6217	9	73	42	1026.2	1024.3	0
## 6218	7	78	47	1027.3	1024.6	1
## 6219	9	83	51	1026.2	1023.1	2
## 6220	15	76	42	1023.2	1018.5	6
## 6221	15	78	55	1019.6	1016.6	7
## 6222	7	86	44	1018.8	1017.2	1
## 6223	17	84	32	1018.7	1015.2	5
## 6224	15	48	38	1016.3	1014.2	1
## 6225	4	73	51	1016.3	1013.1	7
## 6226	17	81	95	1010.3	1006.6	7
## 6227	6	96	94	1006.7	1005.6	7
## 6228	11	90	62	1010.0	1009.3	7
## 6230	28	65	43	1012.9	1007.2	7
## 6231	19	52	25	1012.4	1011.0	0
## 6232	20	59	50	1015.9	1013.5	1
## 6233	24	83	49	1016.0	1015.5	7
## 6234	15	85	70	1021.3	1020.2	6
## 6235	7	79	55	1021.8	1019.7	7
## 6236	7	77	50	1022.5	1019.5	7
## 6237	11	85	40	1022.1	1020.1	2
## 6238	11	74	50	1025.1	1023.2	3
## 6239	11	64	42	1027.8	1024.9	1
## 6240	11	78	42	1025.2	1021.1	2
## 6241	17	65	42	1019.7	1015.2	4
## 6242	7	59	56	1013.3	1011.5	7
## 6243	15	95	46	1011.6	1009.7	7
## 6245	11	98	92	1008.9	1009.3	8
## 6247	4	79	55	1023.0	1021.4	4
## 6248	7	80	44	1023.5	1020.0	3
## 6249	7	60	39	1023.7	1021.7	1
## 6251	17	48	38	1019.8	1015.2	7
## 6252	11	61	90	1012.0	1010.2	6
## 6253	20	74	49	1019.1	1020.3	1
## 6254	4	75	38	1027.0	1024.7	0
## 6255	13	66	40	1025.3	1021.0	1
## 6256	11	91	77	1018.1	1013.5	8
## 6257	13	99	74	1022.6	1022.7	8
## 6258	15	80	52	1027.0	1025.1	2
## 6259	11	72	56	1028.4	1027.0	1
## 6260	9	90	55	1027.9	1024.6	3
## 6261	15	71	50	1025.4	1023.8	8
## 6262	9	73	48	1028.6	1026.2	0
## 6263	2	64	41	1029.4	1025.4	0
## 6266	11	64	31	1022.9	1020.7	5
## 6267	9	50	31	1023.0	1018.2	5
## 6268	28	40	30	1018.1	1018.4	1
## 6269	7	48	27	1025.2	1021.4	0
## 6270	6	55	26	1020.7	1016.5	7
## 6271	13	48	16	1016.1	1012.2	7
## 6272	20	55	29	1012.7	1011.1	1
## 6273	13	43	32	1014.6	1012.2	1
## 6274	13	53	38	1017.8	1016.1	0

## 6275	6	46	32	1021.9	1018.8	0
## 6276	15	43	23	1020.8	1016.5	0
## 6277	22	25	22	1013.4	1008.8	7
## 6278	22	47	28	1021.2	1021.8	0
## 6279	11	36	24	1029.4	1025.8	0
## 6280	9	51	21	1026.9	1021.5	2
## 6281	11	37	28	1019.8	1015.3	6
## 6282	28	37	16	1009.3	1004.8	6
## 6283	15	68	56	1012.1	1010.6	7
## 6284	17	69	29	1011.2	1007.0	7
## 6285	19	74	44	1010.5	1006.5	7
## 6286	13	42	32	1015.5	1013.0	4
## 6287	13	51	30	1021.4	1018.4	0
## 6288	17	34	15	1019.9	1015.4	0
## 6289	13	32	19	1017.8	1013.4	3
## 6290	26	40	20	1004.8	1005.0	7
## 6291	11	47	26	1020.0	1017.8	1
## 6292	9	44	31	1023.5	1020.0	1
## 6293	6	47	28	1023.7	1020.2	0
## 6294	9	40	21	1022.5	1017.5	0
## 6297	13	57	31	1019.7	1017.2	0
## 6298	17	45	26	1017.3	1011.4	0
## 6299	28	40	26	1006.6	1006.5	3
## 6300	20	71	36	1013.9	1012.7	3
## 6301	15	56	29	1017.2	1014.2	1
## 6303	13	30	15	1022.6	1018.8	0
## 6304	20	18	6	1022.1	1018.6	0
## 6305	20	17	7	1018.8	1015.8	0
## 6306	11	34	21	1021.6	1018.1	0
## 6307	9	17	14	1020.9	1016.9	5
## 6308	9	20	6	1019.6	1015.5	0
## 6309	11	21	25	1013.4	1013.9	5
## 6310	7	77	35	1022.6	1018.9	3
## 6311	11	46	27	1019.4	1014.8	1
## 6312	17	35	34	1015.4	1012.4	6
## 6313	24	51	94	1013.8	1007.9	7
## 6314	11	65	43	1003.9	998.3	7
## 6315	30	78	45	1008.3	1011.2	7
## 6316	17	52	26	1019.4	1015.2	0
## 6317	37	29	12	1013.6	1005.8	0
## 6318	31	38	24	1013.4	1011.4	1
## 6319	31	45	23	1018.5	1014.8	2
## 6320	13	41	22	1016.9	1012.8	1
## 6321	9	36	16	1017.2	1013.0	1
## 6322	20	15	6	1018.0	1013.1	1
## 6323	22	9	1	1013.3	1007.9	0
## 6324	43	24	10	1006.8	1002.1	7
## 6325	13	59	32	1014.2	1013.3	7
## 6326	11	55	36	1017.8	1016.1	6
## 6327	15	54	28	1020.3	1018.6	1
## 6328	20	44	23	1021.6	1018.2	1
## 6329	20	51	26	1020.6	1019.3	0
## 6330	9	42	17	1023.3	1020.9	0
## 6331	9	34	16	1024.2	1021.6	0

## 6332	7	45	16	1024.4	1020.5	1
## 6333	9	39	13	1019.2	1014.1	1
## 6334	35	50	73	1008.0	1007.1	7
## 6335	35	33	19	1007.6	1003.3	0
## 6336	22	47	28	1008.7	1008.8	2
## 6337	26	38	29	1013.6	1011.7	7
## 6338	22	46	22	1019.9	1018.6	1
## 6339	15	46	30	1023.4	1021.4	0
## 6340	7	40	20	1026.4	1023.8	0
## 6341	9	27	13	1026.3	1022.6	0
## 6342	13	15	11	1022.6	1018.8	0
## 6343	17	12	7	1020.1	1017.4	1
## 6344	11	13	5	1018.5	1016.7	3
## 6345	6	19	13	1019.0	1016.7	3
## 6348	28	95	94	1015.9	1014.0	8
## 6349	24	75	55	1020.4	1018.4	7
## 6350	7	73	57	1021.9	1019.4	7
## 6351	19	64	30	1020.4	1017.7	5
## 6352	7	61	32	1021.4	1019.0	1
## 6353	4	46	24	1021.7	1018.6	2
## 6354	6	39	24	1021.5	1018.3	1
## 6355	15	29	17	1019.6	1015.7	2
## 6356	24	18	10	1013.8	1010.3	6
## 6357	17	48	20	1017.8	1015.8	7
## 6358	11	27	16	1019.1	1016.3	1
## 6359	9	55	20	1020.0	1017.5	0
## 6360	17	53	33	1024.1	1021.6	1
## 6361	15	55	27	1024.9	1021.7	1
## 6362	13	44	23	1023.0	1018.9	1
## 6363	11	46	20	1020.5	1017.1	0
## 6364	6	22	15	1020.9	1017.9	0
## 6365	11	20	10	1018.8	1014.4	1
## 6366	17	21	7	1014.7	1011.0	1
## 6367	9	43	16	1013.6	1009.7	1
## 6368	9	16	8	1010.7	1007.9	1
## 6369	6	12	8	1008.0	1003.8	1
## 6370	20	16	9	1006.8	1004.6	1
## 6371	11	24	8	1008.4	1005.2	1
## 6372	20	16	6	1009.6	1006.0	7
## 6373	15	13	6	1008.2	1004.4	1
## 6374	9	32	19	1009.6	1004.6	2
## 6375	17	42	51	1006.1	1008.2	8
## 6376	13	64	79	1018.3	1018.5	8
## 6377	11	70	36	1018.2	1015.2	7
## 6378	19	44	22	1017.4	1013.0	1
## 6379	17	73	65	1011.5	1011.3	7
## 6380	20	41	24	1012.5	1009.4	0
## 6381	19	35	12	1009.3	1005.2	0
## 6382	24	42	25	1006.2	1005.4	3
## 6383	19	43	25	1010.3	1008.1	1
## 6384	15	50	19	1013.6	1012.5	1
## 6385	9	37	11	1019.1	1016.6	0
## 6386	9	28	9	1019.0	1015.4	0
## 6387	19	33	7	1015.8	1013.1	0

## 6388	13	6	4	1015.5	1013.1	1
## 6389	9	24	13	1014.8	1012.0	1
## 6390	13	16	7	1012.6	1009.1	1
## 6391	28	10	5	1006.6	1002.6	1
## 6392	9	49	15	1011.6	1008.7	1
## 6393	28	14	13	1008.6	1007.1	6
## 6395	13	22	9	1019.1	1015.5	2
## 6396	19	30	14	1017.3	1014.4	1
## 6397	11	23	11	1016.5	1014.0	1
## 6398	6	42	9	1017.1	1013.9	0
## 6399	15	24	6	1014.9	1011.7	1
## 6400	22	20	14	1013.0	1009.3	1
## 6401	13	96	71	1015.6	1016.0	8
## 6402	9	25	15	1017.8	1014.9	1
## 6403	9	24	13	1016.5	1013.0	1
## 6404	13	22	12	1012.9	1008.9	3
## 6405	9	39	13	1009.9	1007.4	1
## 6406	17	44	20	1011.7	1008.8	1
## 6407	22	36	25	1008.5	1004.5	7
## 6408	7	97	84	1007.7	1006.9	8
## 6409	15	69	73	1010.7	1009.7	7
## 6410	9	93	71	1011.9	1009.4	8
## 6411	17	89	54	1012.8	1011.2	8
## 6412	24	69	39	1016.7	1014.7	1
## 6413	20	52	42	1017.7	1014.6	5
## 6414	26	71	50	1014.7	1012.6	7
## 6415	19	96	86	1011.1	1008.9	8
## 6416	19	81	46	1008.2	1007.1	6
## 6417	13	40	16	1015.0	1013.0	1
## 6418	6	58	13	1015.0	1012.0	0
## 6419	31	58	84	1014.3	1013.8	2
## 6420	7	68	32	1015.3	1012.3	5
## 6421	7	26	15	1013.7	1010.8	6
## 6422	15	51	27	1016.0	1013.3	1
## 6423	7	46	26	1017.3	1015.2	0
## 6424	11	41	18	1016.8	1013.5	1
## 6425	13	33	14	1013.9	1010.3	1
## 6426	7	21	9	1011.2	1007.5	1
## 6427	24	38	27	1009.7	1009.4	1
## 6428	19	36	22	1014.2	1011.7	4
## 6429	4	48	25	1013.4	1009.4	1
## 6430	20	51	20	1010.2	1005.8	2
## 6431	17	42	13	1008.5	1007.1	1
## 6432	24	32	14	1010.5	1009.3	0
## 6433	20	29	12	1012.9	1011.2	0
## 6434	9	18	6	1013.7	1010.6	0
## 6435	11	12	6	1011.7	1008.7	1
## 6436	22	14	2	1010.4	1007.4	0
## 6437	19	24	12	1009.2	1007.3	0
## 6438	7	22	13	1010.8	1008.5	1
## 6439	17	9	8	1010.0	1007.3	1
## 6440	9	11	6	1009.8	1006.7	1
## 6441	15	26	13	1009.0	1006.3	2
## 6442	9	28	22	1007.5	1006.4	7

```
## 6443          7         33         18        1007.7    1006.9      4
## 6444         24         43         19        1011.9    1009.2      1
## 6445          9         45         29        1010.4    1007.5      5
## 6446         17         64         32        1010.4    1008.0      7
## 6447         31         48         20        1010.3    1007.1      7
## 6448         24         59         87        1008.0    1005.9      7
## 6449         19         99         53        1006.9    1003.8      8
## 6450         20         93         76        1006.3    1007.1      8
## 6451         17         83         91        1012.1    1011.4      7
## 6453          6         80         76        1018.1    1016.2      7
## 6454          7         77         48        1018.8    1017.3      1
## 6456          9         52         34        1015.4    1012.1      1
## 6458          9         97         92        1010.0    1007.7      8
## 6459         13         96         76        1002.8    1004.7      8
## 6460         19         64         37        1009.6    1008.8      2
## 6461          9         66         35        1012.2    1011.2      1
## 6462         11         69         33        1013.5    1012.9      0
## 6463         15         65         38        1016.7    1016.2      0
## 6464          9         54         39        1019.4    1017.1      1
## 6465          7         61         32        1018.0    1014.8      2
## 6466          6         51         25        1016.9    1014.2      1
## 6467         19         55         30        1015.8    1012.4      5
## 6468         13         41         30        1016.4    1015.3      1
## 6470         13         64         34        1018.8    1017.4      1
## 6471         13         55         35        1021.5    1018.6      1
## 6472          6         52         27        1018.7    1016.1      6
## 6473          4         48         30        1015.8    1013.2      8
## 6474          9         51         48        1013.4    1010.6      8
## 6475         20         58         30        1012.3    1010.6      7
## 6476         20         59         30        1013.7    1010.5      1
## 6477         24         86         88        1009.8    1007.2      8
## 6478         17         86         66        1005.6    1004.4      7
## 6479          9         93         52        1010.2    1008.5      7
## 6480         22         92         70        1009.1    1005.7      7
## 6481         22         55         27        1011.5    1011.6      1
## 6482         13         62         41        1017.7    1016.8      0
## 6483         17         64         31        1023.4    1022.4      0
## 6484         17         61         41        1025.9    1024.6      1
## 6485         11         59         33        1030.5    1028.0      6
## 6486          9         60         37        1030.3    1027.2      1
## 6487          7         68         39        1026.9    1022.9      6
## 6488          6         63         35        1023.4    1020.3      6
## 6489          6         48         25        1021.8    1019.1      1
## 6490         13         50         21        1023.4    1021.5      1
## 6491         13         32         18        1024.0    1021.0      0
## 6492          6         49         26        1021.4    1019.2      1
## 6493          7         43         20        1021.2    1018.5      0
## 6494         13         40         20        1019.7    1017.1      6
## 6495         13         43         18        1019.8    1017.5      1
## 6496         13         44         13        1020.7    1018.9      0
## 6497          7         37         15        1021.5    1018.1      0
## 6498          7         42         13        1019.7    1016.8      0
## 6499          7         39         14        1019.3    1016.3      1
## 6500          7         38         20        1018.5    1015.7      6
```

```
## 6502         7       51      33      1015.9  1014.2  7
## 6503         6       94      74      1018.3  1016.7  7
## 6504         6       86      43      1018.7  1015.8  2
## 6505        11       66      31      1019.1  1017.1  1
## 6506        15       51      21      1019.0  1016.0  1
## 6507         7       53      26      1018.6  1015.5  1
## 6508        17       50      24      1018.9  1015.1  5
## 6509        20       51      24      1017.7  1013.5  1
## 6510        17       98      95      1015.1  1013.8  7
## 6511        15       89      66      1013.8  1012.1  7
## 6512        13       78      48      1018.5  1016.4  7
## 6513         6       67      56      1015.3  1011.6  7
## 6514        15       74      56      1012.2  1009.7  2
## 6515        20       73      44      1014.3  1012.3  7
## 6518         9       60      26      1022.9  1019.9  6
## 6519         6       57      27      1021.8  1019.0  0
## 6520         6       40      29      1023.5  1020.4  1
## 6521         2       51      31      1025.1  1021.9  2
## 6522        15       58      27      1023.9  1020.5  6
## 6523        13       57      40      1023.0  1019.9  3
## 6524         7       58      36      1022.5  1018.4  3
## 6525         9       61      32      1021.3  1018.2  4
## 6526         9       51      30      1022.3  1018.8  5
## 6527        13       53      32      1021.3  1016.7  1
## 6528        20       49      30      1016.3  1011.8  7
## 6529        17       92      44      1018.4  1019.1  6
## 6530         7       57      30      1025.6  1021.5  0
## 6531         7       70      34      1021.2  1018.7  8
## 6533        13       55      35      1024.5  1021.9  0
## 6534         7       60      42      1026.5  1023.1  0
## 6535         4       68      28      1026.3  1022.9  0
## 6536         4       48      24      1025.8  1023.0  1
## 6537        11       42      25      1024.5  1020.1  6
## 6538        15       48      24      1019.9  1014.8  2
## 6539        19       57      32      1019.0  1018.5  1
## 6541        13       56      36      1024.7  1021.6  1
## 6542        13       57      34      1024.0  1020.4  0
## 6543         6       60      31      1022.2  1018.0  1
## 6544        20       36      21      1019.4  1014.8  0
## 6545        17       27      38      1015.6  1015.6  1
## 6547        11       57      30      1024.9  1020.8  0
## 6548        11       59      36      1021.4  1017.1  0
## 6551        13       58      30      1018.0  1015.5  7
## 6552         7       74      35      1019.3  1017.6  0
## 6553         6       46      26      1022.7  1020.3  1
## 6554         2       49      33      1021.5  1018.8  7
## 6555        13       57      27      1020.9  1018.0  6
## 6556        11       48      28      1021.6  1018.7  0
## 6557        13       55      29      1020.8  1016.3  1
## 6558        11       58      96      1014.6  1010.9  7
## 6559        11       99      84      1008.1  1002.4  8
## 6560        11       93      74      1009.0  1009.3  8
## 6561         9       89      55      1017.7  1015.6  1
## 6562        17       84      57      1017.5  1012.2  7
```

```
## 6563          20          85          69          1007.7          1006.5          8
## 6565           7          92          81          1013.0          1013.5          8
## 6566           6          91          66          1019.1          1016.9          6
## 6567           7          79          75          1019.2          1018.3          7
## 6568          13          85          52          1022.4          1020.2          7
## 6569          17          90          58          1020.5          1017.7          3
## 6570          17          82          50          1019.9          1017.3          1
## 6571          15          77          50          1021.5          1021.7          6
## 6572           6          91          60          1026.0          1023.3          4
## 6573           9          88          47          1024.0          1020.0          1
## 6574          20          70          52          1017.9          1016.9          7
## 6575          13          82          47          1024.9          1023.7          1
## 6577          17          82          49          1025.7          1024.7          6
## 6578           9          79          34          1029.9          1027.4          1
## 6579          11          70          31          1031.9          1028.7          1
## 6580          11          70          44          1029.8          1026.6          1
## 6581          17          68          47          1026.4          1021.5          7
## 6582          20          97          54          1018.6          1015.3          8
## 6584           9          73          52          1024.7          1023.1          1
## 6585           9          78          65          1028.2          1027.0          7
## 6586           7          87          49          1033.0          1031.3          2
## 6587           9          92          52          1032.8          1030.8          8
## 6588          13          70          50          1032.6          1029.2          3
## 6589          15          73          47          1028.0          1023.5          1
## 6590          19          73          52          1022.3          1019.0          1
## 6591          13          87          51          1023.2          1022.1          8
## 6593           9          89          47          1022.9          1020.5          1
## 6594          11          67          39          1022.6          1019.7          0
## 6595           7          60          34          1022.7          1020.3          1
## 6596           9          57          35          1024.9          1023.7          1
## 6597          11          96          95          1027.1          1024.9          8
## 6598           9          98          62          1031.6          1030.7          7
## 6599           6          93          47          1030.6          1026.8          7
## 6600           7          83          46          1024.0          1019.4          6
## 6601          17          89          58          1022.7          1021.6          7
## 6602           9          84          51          1026.0          1023.5          7
## 6603          13          79          45          1026.1          1023.0          2
## 6604          17          80          42          1027.0          1023.8          1
## 6605          17          70          52          1022.9          1020.5          3
## 6606           4          75          59          1022.4          1020.3          7
## 6607           4          76          41          1022.5          1019.2          6
## 6608          15          96          98          1015.9          1012.1          8
## 6609          20          70          48          1017.3          1016.8          1
## 6610          11          84          55          1023.8          1023.6          3
## 6611           9          74          55          1028.1          1025.8          5
## 6612           4          80          42          1027.9          1024.6          0
## 6613           7          67          39          1022.8          1018.8          0
## 6614          19          71          59          1019.0          1018.1          7
## 6615          15          98          49          1026.0          1024.0          3
## 6616          11          72          49          1028.1          1026.5          5
## 6617          13          92          32          1031.8          1029.7          1
## 6618           9          71          34          1033.0          1030.0          0
## 6619           9          74          51          1030.0          1026.5          7
## 9059          37          51          58          1005.9          1002.3          1
```

## 9060	15	68	67	1010.9	1011.4	7
## 9061	19	70	59	1019.3	1018.8	8
## 9062	17	62	45	1019.5	1017.0	5
## 9063	30	54	62	1015.7	1012.7	1
## 9064	39	55	58	1012.9	1011.0	0
## 9065	37	60	66	1012.3	1009.7	5
## 9066	20	70	71	1009.4	1008.8	7
## 9067	28	85	73	1015.7	1015.9	8
## 9068	15	59	47	1015.5	1013.5	2
## 9069	15	55	63	1013.7	1012.0	2
## 9070	19	67	63	1014.5	1014.3	5
## 9071	20	64	62	1019.1	1017.2	3
## 9072	30	58	49	1017.8	1015.9	3
## 9073	46	50	57	1013.9	1010.4	0
## 9074	15	68	74	1011.0	1008.8	3
## 9075	30	93	84	1016.6	1017.8	8
## 9076	9	69	57	1021.2	1020.1	6
## 9077	31	59	55	1019.9	1016.8	5
## 9078	39	64	60	1016.9	1014.0	7
## 9079	31	58	61	1014.9	1012.0	6
## 9080	20	76	68	1013.2	1010.6	7
## 9081	31	70	71	1011.7	1009.1	5
## 9082	35	68	70	1008.6	1006.2	2
## 9083	17	94	76	1014.9	1015.3	8
## 9084	15	87	76	1018.2	1017.0	7
## 9085	15	92	72	1018.9	1017.8	6
## 9086	15	78	66	1017.7	1017.3	3
## 9087	19	74	59	1018.3	1017.6	4
## 9088	19	87	57	1018.8	1017.1	7
## 9089	24	69	55	1019.1	1016.9	6
## 9090	19	61	62	1015.9	1015.1	5
## 9091	15	83	62	1014.9	1012.7	7
## 9092	20	88	74	1011.8	1009.5	7
## 9093	20	80	59	1010.8	1009.3	6
## 9094	20	81	60	1010.2	1008.7	5
## 9095	24	62	59	1011.9	1011.4	1
## 9096	20	62	55	1015.3	1013.9	1
## 9097	20	64	57	1013.3	1010.2	3
## 9098	15	68	61	1010.1	1008.8	1
## 9099	39	68	73	1010.0	1005.8	6
## 9100	31	73	66	1006.8	1006.1	8
## 9102	20	88	89	1020.9	1019.5	7
## 9103	24	90	83	1017.8	1012.6	8
## 9104	31	95	74	1007.2	1006.7	8
## 9108	13	72	78	1008.5	1006.2	2
## 9109	7	78	85	1010.6	1010.0	1
## 9110	15	75	71	1011.9	1010.6	3
## 9111	22	75	69	1016.4	1015.8	4
## 9113	33	62	55	1016.6	1014.2	1
## 9114	28	66	73	1015.8	1013.5	3
## 9115	31	95	60	1017.5	1016.0	7
## 9116	28	62	55	1015.5	1014.3	2
## 9117	22	67	58	1010.8	1008.1	1
## 9118	11	66	70	1008.2	1008.1	1

```
## 9119        22       72       70       1014.7      1013.9       6
## 9120        17       95       67       1017.9      1015.4       8
## 9121        31       68       80       1012.0      1007.7       3
## 9122        17       38       39       1009.6      1008.1       1
## 9123        26       68       58       1012.7      1010.4       0
## 9124        33       72       64       1013.5      1010.4       1
## 9125        28       72       63       1015.1      1015.0       2
## 9126        17       78       75       1018.7      1017.6       4
## 9127        22       83       60       1018.9      1017.9       6
## 9128        13       85       90       1020.7      1020.1       4
## 9129         9       84       65       1021.5      1020.1       5
## 9130        20       68       60       1018.9      1016.6       2
## 9131        35       67       68       1016.3      1012.8       1
## 9132        31       90       68       1012.9      1008.5       6
## 9133         7       67       77       1010.3      1008.6       3
## 9134        20       82       65       1012.0      1011.2       6
## 9135        19       73       64       1017.9      1016.5       6
## 9136        24       76       66       1017.2      1015.0       5
## 9137        15       77       69       1016.9      1015.3       3
## 9138        13       82       70       1016.7      1015.1       5
## 9139        13       78       63       1017.0      1015.1       7
## 9140        15       84       63       1017.6      1016.2       1
## 9141        17       75       56       1020.2      1018.5       1
## 9142        24       65       49       1021.9      1019.9       1
## 9143        28       65       52       1022.2      1018.8       1
## 9144        24       72       92       1020.2      1019.7       3
## 9145        30       71       64       1022.8      1021.7       2
## 9146        19       67       73       1021.4      1019.4       5
## 9147        24       89       89       1017.7      1015.2       8
## 9150        13       84       71       1019.8      1018.6       7
## 9151         9       92       90       1020.7      1017.3       7
## 9152        11       90       81       1016.4      1015.1       7
## 9153        20       95       95       1017.5      1014.8       8
## 9154        30       70       73       1016.9      1015.5       3
## 9155         7       82       88       1022.7      1021.5       7
## 9156        20       63       54       1025.0      1022.4       3
## 9157         7       89       74       1024.4      1022.0       7
## 9158        24       83       61       1024.5      1021.4       7
## 9159        13       73       71       1025.7      1023.5       7
## 9160        15       89       77       1023.9      1020.8       7
## 9161        11       95       95       1020.8      1018.6       8
## 9163        11       76       55       1012.2      1009.7       1
## 9164        13       54       50       1015.3      1011.9       0
## 9165        20       71       61       1014.3      1012.7       0
## 9166        26       50       58       1016.9      1015.0       3
## 9167        41       60       50       1014.0      1011.4       3
## 9168        35       61       90       1013.3      1012.9       5
## 9169        39       94       63       1017.1      1015.5       8
## 9170        31       86       71       1020.1      1017.4       8
## 9171        28       66       56       1019.3      1016.5       2
## 9172        15       63       61       1014.7      1009.7       2
## 9173        17       53       50       1007.0      1004.1       0
## 9174        15       50       32       1007.3      1003.6       1
## 9175        11       42       43       1015.1      1013.5       0
```

```
## 9176       13        48        40      1018.8    1015.0      0
## 9177       19        57        71      1020.5    1017.4      6
## 9178       22        52        43      1017.4    1016.4      1
## 9179       17        65        60      1023.5    1021.1      6
## 9180       26        70        61      1023.8    1020.5      7
## 9181       28        69        57      1025.2    1023.6      3
## 9182       15        74        53      1027.2    1025.3      5
## 9183       26        77        59      1028.3    1025.7      6
## 9184       11        91        84      1027.7    1023.9      7
## 9185       11        71        59      1023.8    1020.3      1
## 9186       28        62        50      1024.7    1022.2      1
## 9187       20        63        50      1022.5    1018.7      2
## 9188       37        55        69      1020.5    1019.8      2
## 9189       20        54        61      1023.0    1020.4      2
## 9192       13        55        43      1015.7    1012.1      1
## 9193       17        63        35      1016.7    1012.3      1
## 9194       13        52        42      1013.6    1010.7      3
## 9195       11        54        51      1017.9    1016.3      1
## 9196       15        69        84      1022.6    1020.7      6
## 9197       17        80        68      1022.5    1018.9      8
## 9198       28        63        55      1018.2    1015.6      8
## 9199       35        80        82      1015.7    1013.6      8
## 9201       41        82        69      1017.3    1016.8      8
## 9202       20        67        60      1023.6    1022.3      7
## 9203       13        89        81      1024.5    1022.4      7
## 9204       13        82        73      1022.8    1020.3      6
## 9205        9        78        56      1020.2    1017.4      5
## 9206       11        79        72      1019.9    1017.8      2
## 9207       31        93        70      1020.5    1018.6      5
## 9208       30        63        53      1024.7    1023.7      3
## 9209       24        92        58      1030.8    1028.8      7
## 9210       19        80        85      1030.9    1028.1      5
## 9211        9        92        76      1028.9    1025.6      6
## 9212        9        94        76      1025.0    1021.2      6
## 9214       11        90        70      1015.7    1012.2      3
## 9215       11        71        48      1015.3    1011.8      2
## 9222        9        54        52      1019.3    1015.4      7
## 9223       15        59        49      1016.5    1012.1      1
## 9224       11        72        59      1014.2    1011.1      6
## 9225       11        56        45      1016.8    1016.1      0
## 9226       28        70        70      1022.8    1021.8      2
## 9227       13        72        85      1025.2    1023.5      7
## 9228       28        96        81      1025.3    1023.5      7
## 9230       15        97        78      1023.6    1020.8      8
## 9232       19        89        69      1019.6    1015.8      5
## 9233        9        82        59      1016.8    1013.0      3
## 9234        6        62        76      1015.8    1013.1      7
## 9235        9        78        70      1012.7    1009.4      7
## 9236       20        89        68      1006.7    1003.2      7
## 9237       13        69        55      1007.1    1005.1      3
## 9238       13        65        35      1013.2    1012.3      0
## 9240       20        52        47      1010.0    1005.1      4
## 9241       11        63        39      1011.1    1007.7      7
## 9242       31        46        23      1006.9    1003.2      3
```

## 9243	13	47	31	1012.3	1011.4	0
## 9244	17	60	37	1016.0	1015.3	6
## 9245	19	69	47	1021.2	1018.2	6
## 9246	28	57	58	1021.8	1020.1	6
## 9247	17	66	89	1026.2	1025.0	4
## 9248	22	91	76	1026.5	1024.0	6
## 9249	31	77	74	1023.4	1021.0	6
## 9250	24	68	55	1020.4	1017.9	3
## 9251	20	76	60	1017.1	1013.2	1
## 9252	17	55	66	1009.1	1006.2	1
## 9253	13	65	46	1009.6	1007.2	2
## 9254	11	57	58	1011.1	1009.1	5
## 9256	31	48	45	1015.5	1015.8	2
## 9257	15	67	58	1022.7	1019.7	1
## 9258	11	62	47	1022.3	1020.2	1
## 9259	22	63	35	1025.6	1022.4	1
## 9260	26	56	48	1023.9	1018.5	1
## 9261	17	52	65	1016.6	1012.6	4
## 9262	13	46	35	1013.5	1012.5	1
## 9263	30	48	56	1023.6	1023.0	1
## 9264	13	80	54	1026.4	1023.3	6
## 9265	19	67	65	1021.4	1016.6	7
## 9266	20	67	46	1014.6	1015.4	1
## 9267	15	68	45	1022.9	1020.9	0
## 9268	13	61	44	1024.5	1022.6	0
## 9269	22	58	52	1024.9	1020.5	1
## 9270	19	65	36	1021.8	1018.9	0
## 9272	15	71	63	1027.6	1023.9	1
## 9273	13	57	41	1021.7	1019.9	0
## 9274	26	67	54	1023.1	1018.2	2
## 9275	15	73	44	1021.9	1020.6	7
## 9276	19	67	63	1024.2	1020.3	1
## 9277	30	58	63	1019.8	1014.8	4
## 9278	26	46	33	1021.2	1018.8	1
## 9279	13	59	36	1020.5	1017.9	3
## 9281	35	58	54	1019.6	1015.4	2
## 9282	24	64	71	1014.0	1009.7	7
## 9283	13	62	38	1015.5	1012.3	0
## 9284	19	41	49	1018.0	1016.3	0
## 9285	17	57	49	1020.5	1017.1	0
## 9286	28	57	55	1019.4	1013.9	0
## 9287	28	44	35	1013.7	1009.2	6
## 9288	20	36	51	1026.7	1025.0	1
## 9289	15	68	52	1027.8	1023.9	1
## 9290	28	61	60	1021.1	1016.0	4
## 9291	26	59	59	1013.9	1007.3	3
## 9292	15	62	71	1011.9	1011.0	7
## 9293	24	69	66	1014.1	1009.9	6
## 9294	22	29	48	1009.1	1004.1	1
## 9295	17	29	46	1007.0	1006.3	1
## 9296	19	30	35	1014.2	1013.8	3
## 9297	22	44	69	1020.0	1015.8	0
## 9298	11	41	44	1017.5	1014.4	0
## 9299	28	63	49	1013.7	1005.7	6

```
## 9300            4       32       38      1011.2     1010.5       5
## 9301           13       46       43      1018.7     1015.9       7
## 9302           15       41       35      1022.6     1019.9       1
## 9303           24       61       59      1024.1     1021.0       2
## 9304           37       51       54      1023.7     1019.7       1
## 9305           33       64       77      1019.3     1014.1       7
## 9306           20       67       53      1013.5     1013.5       3
## 9307           17       41       61      1018.3     1015.0       1
## 9308           19       58       78      1010.8     1006.6       3
## 9309           15       56       39      1010.3     1008.0       0
## 9310           19       39       44      1013.5     1010.8       1
## 9311           20       50       39      1017.6     1015.0       0
## 9312           17       29       40      1022.8     1020.6       0
## 9313           30       39       47      1025.1     1022.6       0
## 9314           41       37       58      1023.7     1019.8       0
## 9315           19       35       52      1019.4     1017.2       0
## 9316           37       62       66      1021.3     1016.4       3
## 9317           41       60       60      1021.7     1018.2       1
## 9318           39       52       59      1022.2     1017.3       0
## 9319           19       65       58      1017.3     1013.9       7
## 9320            9       54       74      1019.5     1014.0       3
## 9321           11       36       50      1015.6     1012.5       1
## 9323           19       88       83      1011.2     1007.6       8
## 9324           35       29       20      1001.9     1001.6       8
## 9325           20       37       35      1013.1     1011.0       0
## 9326           22       41       46      1016.7     1011.4       0
## 9327           31       30       15      1006.1     1002.2       0
## 9328           26       21       11      1010.1     1006.0       1
## 9329           30       23       18      1008.9     1004.6       0
## 9330           17       34       37      1014.4     1011.8       0
## 9331           31       49       61      1019.2     1015.0       0
## 9332           33       47       55      1017.1     1011.4       0
## 9333           30       30       52      1011.2     1005.6       0
## 9334           44       51       63      1006.7     1008.1       0
## 9335           19       94       94      1018.4     1017.8       8
## 9337           17       67       54      1019.1     1016.3       1
## 9338           13       60       37      1013.4     1007.6       1
## 9339           39       36       32      1014.8     1013.7       2
## 9340           31       45       47      1022.4     1020.7       1
## 9341           22       51       59      1027.0     1024.7       6
## 9344           39       59       18      1004.5      998.9       0
## 9345           35       27       13      1005.0     1001.1       0
## 9346           19       27       36      1011.5     1007.5       0
## 9350           19       62       56      1026.9     1024.4       2
## 9351           35       55       54      1025.1     1021.3       1
## 9354           30       58       60      1020.0     1015.9       1
## 9355           17       69       65      1018.2     1015.4       5
## 9356           15       71       75      1015.3     1011.7       3
## 9357           30       81       91      1015.5     1016.2       8
## 9361           28       60       60      1023.4     1021.3       5
## 9362           28       70       65      1022.8     1021.9       3
## 9363           20       66       58      1025.0     1022.0       3
## 9364           35       57       58      1021.6     1018.0       1
## 9365           37       65       61      1015.3     1011.1       1
```

```
## 9367              17          84          75          1017.9          1016.9          8
## 9374              33          60          62          1021.0          1017.2          1
## 9375              24          74          81          1016.1          1016.2          7
## 9376              13          66          68          1016.4          1013.4          3
## 9377              20          69          69          1010.8          1009.3          5
## 9378              17          66          72          1009.0          1004.3          0
## 9379              33          79          75          1003.3          1006.7          2
## 9380              15          59          64          1012.7          1011.7          1
## 9381              43          71          69          1013.2          1010.9          0
## 9382              39          71          76          1012.3          1009.8          1
## 9383              37          76          65          1010.2          1007.3          2
## 9384              37          64          59          1009.9          1007.7          1
## 9387              26          67          66          1022.6          1018.9          4
## 9388              46          62          65          1018.8          1014.8          2
## 9389              31          72          71          1012.3          1008.2          4
## 9390              24          61          57          1008.0          1004.9          1
## 9391              31          58          11          1001.9           998.4          2
## 9392              19          45          61          1006.3          1005.3          0
## 9393              30          54          77          1013.8          1013.9          3
## 9394              28          62          59          1019.3          1018.7          2
## 9395              15          62          60          1022.2          1019.9          1
## 9396              33          53          61          1016.8          1014.3          0
## 9397              41          67          66          1014.0          1009.0          3
## 9398              24          81          75          1014.9          1014.1          8
## 9399              41          67          62          1014.1          1008.9          1
## 9400              35          78          54          1009.5          1003.0          1
## 9401              17          69          77          1009.7          1008.7          1
## 9402               9          73          74          1011.2          1009.6          7
## 9403              20          80          62          1010.7          1012.5          7
## 9404              15          66          60          1018.2          1015.4          7
## 9405              24          58          69          1014.6          1012.8          1
## 9406              17          77          70          1017.7          1016.9          7
## 9410              33          57          67          1014.1          1015.7          1
## 9411               2          87          78          1014.8          1013.2          7
## 9412              20          74          71          1018.8          1017.9          7
## 9413              13          62          72          1017.3          1015.0          6
## 9414              20          73          61          1014.9          1011.8          7
## 9415              20          70          72          1015.4          1014.8          1
## 9416              30          69          70          1015.7          1012.7          2
## 9417              41          65          68          1012.6          1010.0          7
## 9418              24          73          83          1013.8          1012.4          7
## 9419              35          73          71          1016.7          1014.3          5
## 9420              24          88          85          1015.4          1013.2          8
## 9421              24          96          81          1017.6          1017.3          8
## 9422              11          95          96          1020.3          1019.8          8
## 9423               9          85          80          1019.3          1017.4          8
## 9424              35          73          66          1015.9          1012.5          7
## 9425              35          77          70          1010.9          1006.8          7
## 9426              24          79          81          1012.0          1012.3          7
## 9427              20          69          57          1018.8          1018.6          7
## 9429              30          61          68          1016.0          1013.1          4
## 9430              17          76          80          1016.0          1014.6          6
## 9431              15          72          65          1019.1          1018.2          4
## 9432              24          65          69          1019.4          1017.7          1
```

```
## 9433      28      67      62      1016.3      1014.2      1
## 9434      17      77      73      1017.0      1016.1      7
## 9435      31      70      65      1015.2      1012.6      1
## 9436      44      64      58      1012.0      1009.6      0
## 9437      24      76      63      1015.4      1013.6      7
## 9438      15      77      63      1016.2      1014.4      6
## 9439      13      71      73      1013.0      1010.5      4
## 9440      30      60      68      1005.9      1002.8      1
## 9441      15      73      63      1002.9      1000.9      3
## 9442      22      29      33      1008.6      1008.1      1
## 9443      19      32      18      1011.6      1009.2      0
## 9444      13      46      54      1011.9      1010.3      5
## 9445      17      52      63      1014.2      1012.3      2
## 9446      37      62      53      1012.3      1009.6      0
## 9447      15      67      66      1014.3      1012.8      1
## 9448      24      77      62      1013.7      1011.4      3
## 9449      31      70      51      1011.6      1008.3      1
## 9450      13      69      83      1012.1      1012.2      3
## 9451      13      78      78      1011.6      1008.8      6
## 9452       9      82      62      1007.8      1008.6      7
## 9453      22      70      68      1014.8      1014.4      5
## 9454      19      79      68      1013.7      1012.6      7
## 9455      15      76      63      1013.6      1012.9      7
## 9456      17      61      89      1012.5      1011.1      5
## 9458      17      88      79      1011.3      1009.2      7
## 9459      26      68      70      1011.0      1009.3      3
## 9460       7      94      93      1013.1      1013.2      7
## 9462      13      90      59      1021.2      1019.9      5
## 9463      11      91      65      1022.1      1020.5      7
## 9464      15      71      59      1020.2      1018.5      2
## 9465      28      66      59      1017.8      1015.5      1
## 9466      43      65      63      1013.0      1009.4      1
## 9467      24      72      57      1011.7      1009.6      2
## 9468      39      68      64      1009.7      1006.0      4
## 9469      30      67      65      1007.0      1004.0      5
## 9470      13      73      71      1011.1      1010.6      3
## 9471      30      63      67      1014.0      1013.8      1
## 9472      39      56      54      1018.6      1019.6      1
## 9473      22      75      60      1021.5      1020.4      6
## 9474      19      93      78      1021.3      1019.6      8
## 9475      31      75      62      1019.5      1016.8      0
## 9476      33      65      63      1018.4      1015.3      1
## 9477      24      60      68      1013.5      1011.1      5
## 9478      17      70      69      1019.9      1020.1      8
## 9479      28      77      68      1023.3      1023.6      7
## 9480      19      85      61      1024.4      1022.6      2
## 9481      15      86      66      1021.6      1019.0      7
## 9482      28      75      75      1017.2      1014.1      6
## 9483      30      79      92      1014.2      1013.2      8
## 9484      28      70      79      1014.6      1012.8      8
## 9485      11      95      87      1015.7      1014.8      8
## 9486      24      87      67      1015.2      1013.2      6
## 9487      22      76      73      1013.1      1010.8      6
## 9488      24      82      72      1012.9      1012.1      7
```

## 9489	24	86	72	1014.5	1012.8	7
## 9490	31	76	74	1015.3	1013.3	7
## 9491	9	75	77	1014.4	1013.4	4
## 9492	26	63	59	1018.7	1018.4	5
## 9493	31	95	71	1025.5	1026.1	8
## 9494	20	89	54	1031.5	1030.1	7
## 9495	26	96	58	1031.0	1028.5	7
## 9496	17	82	71	1027.2	1025.3	3
## 9497	24	74	65	1024.1	1021.7	6
## 9498	15	81	59	1022.3	1021.0	7
## 9499	11	87	78	1024.9	1023.9	7
## 9500	17	72	56	1026.3	1024.4	1
## 9501	26	87	55	1023.6	1021.1	5
## 9502	26	69	53	1022.6	1020.8	1
## 9503	31	65	59	1020.4	1016.6	1
## 9504	30	64	69	1018.0	1016.6	1
## 9505	13	86	53	1020.0	1017.9	7
## 9506	15	75	65	1020.2	1019.2	1
## 9507	19	75	58	1022.9	1020.4	1
## 9508	30	68	66	1021.2	1017.9	1
## 9509	26	70	54	1019.9	1017.8	1
## 9510	22	79	64	1020.4	1017.6	7
## 9511	33	67	63	1020.0	1017.3	5
## 9512	31	63	68	1018.7	1015.7	7
## 9513	13	81	82	1017.4	1015.1	8
## 9514	17	75	61	1016.7	1015.1	1
## 9515	22	66	55	1018.2	1016.2	1
## 9516	24	50	48	1019.6	1017.0	1
## 9517	30	64	57	1020.2	1016.9	7
## 9518	15	61	56	1020.0	1017.4	2
## 9519	17	79	67	1020.9	1018.6	7
## 9520	24	67	60	1019.8	1016.3	8
## 9521	7	61	75	1014.8	1010.9	7
## 9522	13	57	63	1014.1	1010.4	1
## 9523	13	71	62	1011.2	1008.1	5
## 9525	11	57	53	1012.8	1011.5	5
## 9526	17	46	47	1019.7	1017.7	2
## 9527	15	52	44	1022.0	1019.6	1
## 9528	15	63	56	1021.1	1019.6	7
## 9529	19	62	53	1025.0	1023.2	2
## 9530	17	80	71	1026.2	1024.2	6
## 9531	15	87	70	1026.0	1022.9	7
## 9532	13	86	73	1025.0	1022.5	7
## 9533	13	94	93	1024.1	1021.2	7
## 9534	13	87	70	1023.5	1021.0	6
## 9535	13	72	66	1023.3	1020.7	1
## 9536	24	67	68	1021.6	1018.0	1
## 9537	19	65	56	1017.9	1013.4	5
## 9538	22	66	72	1012.5	1011.2	8
## 9539	26	50	40	1021.8	1020.8	1
## 9540	22	55	56	1022.2	1018.4	6
## 9541	11	53	46	1021.3	1018.2	1
## 9542	19	58	48	1020.7	1017.4	0
## 9543	15	51	58	1023.7	1022.0	5

```
## 9544          9    64    66    1026.5    1024.0    2
## 9545         28    66    63    1026.2    1023.0    1
## 9546         11    75    54    1026.0    1023.2    7
## 9547          9    96    94    1022.8    1018.7    8
## 9548         13    73    62    1015.1    1011.6    1
## 9549         17    45    35    1019.5    1018.8    0
## 9550         17    58    51    1020.7    1017.8    2
## 9551         20    63    52    1020.4    1018.7    2
## 9552         17    74    50    1021.2    1018.1    1
## 9553         13    72    64    1020.4    1016.7    3
## 9554         20    61    81    1015.7    1012.3    1
## 9555         19    54    39    1015.9    1014.2    0
## 9556          9    50    26    1018.8    1014.8    1
## 9557         15    49    39    1017.0    1013.3    0
## 9558         19    61    35    1016.2    1014.3    0
## 9559         24    54    58    1019.3    1017.1    3
## 9560          9    71    72    1019.1    1015.1    7
## 9561         22    67    52    1015.2    1014.0    2
## 9562         26    60    54    1019.1    1017.9    3
## 9563         13    66    64    1021.4    1019.0    3
## 9564         11    77    74    1019.5    1015.7    7
## 9566         13    65    66    1020.7    1019.0    7
## 9567         13    81    72    1020.0    1016.1    7
## 9568         15    84    59    1012.0    1005.7    6
## 9569         22    67    36    1004.1    1002.8    3
## 9570         15    81    83    1013.3    1013.9    7
## 9571          9    91    64    1021.0    1018.0    7
## 9572         17    90    63    1012.2    1005.0    7
## 9573         15    50    35    1007.6    1005.2    4
## 9574          9    56    51    1010.0    1007.5    1
## 9575         28    58    53    1016.5    1015.3    6
## 9576          4    93    93    1019.1    1017.5    8
## 9577         22    92    94    1019.0    1015.5    8
## 9578         28    79    79    1011.8    1008.9    3
## 9579         31    64    52    1009.6    1008.9    6
## 9580         22    45    39    1012.5    1012.8    1
## 9581         24    51    54    1020.9    1020.1    1
## 9582         11    59    57    1022.4    1018.6    1
## 9583         19    66    33    1015.9    1009.5    7
## 9584         17    55    33    1016.8    1017.0    3
## 9585         26    58    46    1021.0    1015.7    7
## 9586         24    55    44    1019.7    1018.8    1
## 9587         26    53    76    1026.7    1026.6    4
## 9588         17    91    75    1032.0    1030.0    7
## 9589         15    76    89    1031.2    1028.5    5
## 9590         13    93    62    1028.8    1024.9    5
## 9591         15    67    60    1021.4    1017.5    8
## 9592         13    56    48    1018.0    1015.0    1
## 9593         11    74    52    1019.4    1018.8    1
## 9594         11    78    43    1025.1    1024.2    1
## 9595         22    80    63    1030.3    1029.6    6
## 9596         28    90    71    1034.3    1031.9    7
## 9597         20    89    61    1033.7    1031.4    5
## 9598         11    78    67    1030.4    1026.8    5
```

## 9599	24	72	52	1027.2	1023.1	5
## 9600	6	65	76	1020.9	1017.8	2
## 9601	13	74	63	1018.7	1016.1	7
## 9602	15	59	56	1020.0	1017.2	1
## 9603	9	74	53	1020.3	1017.9	1
## 9604	9	69	45	1020.4	1018.5	3
## 9605	9	76	59	1024.7	1023.5	6
## 9606	11	78	95	1026.5	1024.4	7
## 9607	20	61	38	1023.8	1023.2	1
## 9608	26	53	51	1027.3	1025.0	1
## 9609	15	66	68	1025.6	1022.3	3
## 9610	15	94	78	1018.4	1013.6	8
## 9611	28	56	67	1019.4	1018.3	7
## 9612	33	85	61	1023.5	1021.1	7
## 9613	15	63	67	1026.1	1024.7	5
## 9614	9	75	68	1028.3	1024.9	3
## 9615	22	62	53	1025.6	1021.9	3
## 9616	17	68	74	1022.4	1020.4	7
## 9617	20	86	82	1021.4	1017.2	4
## 9618	17	69	40	1011.8	1011.3	6
## 9619	20	49	26	1015.9	1015.3	1
## 9620	19	45	38	1024.1	1021.9	1
## 9621	15	60	57	1026.9	1024.5	1
## 9622	22	64	51	1024.6	1019.5	0
## 9623	9	48	94	1018.0	1015.1	5
## 9624	22	75	49	1020.0	1018.7	1
## 9625	28	57	54	1023.3	1021.6	7
## 9626	24	54	44	1026.3	1024.4	5
## 9627	28	58	57	1030.0	1028.3	4
## 9628	22	63	63	1029.2	1026.2	7
## 9629	15	78	70	1028.4	1025.8	7
## 9630	30	70	68	1031.1	1030.2	2
## 9631	17	74	88	1033.8	1030.7	7
## 9632	17	94	85	1028.1	1023.0	8
## 9633	9	76	74	1021.2	1017.1	2
## 9634	13	72	59	1019.6	1016.2	1
## 9635	9	80	87	1013.9	1013.9	7
## 9638	35	43	51	1009.7	1011.6	3
## 9639	13	44	44	1019.0	1016.3	0
## 9640	11	54	40	1019.2	1015.1	2
## 9641	22	49	34	1019.8	1017.1	0
## 9642	22	41	46	1022.6	1019.9	1
## 9643	13	55	51	1021.9	1018.8	1
## 9644	26	78	61	1023.6	1020.6	0
## 9645	20	75	91	1020.7	1017.4	8
## 9646	19	82	37	1010.4	1006.2	8
## 9647	19	48	30	1006.1	1003.8	1
## 9648	17	37	40	1010.8	1010.5	1
## 9650	22	46	23	1010.5	1007.5	1
## 9651	17	45	45	1014.8	1011.6	0
## 9652	11	40	40	1022.1	1020.2	1
## 9655	9	60	45	1014.2	1011.7	7
## 9656	13	34	36	1018.7	1016.3	0
## 9657	13	38	40	1023.9	1021.5	1

## 9658	17	87	78	1017.3	1010.5	8
## 9659	7	52	50	1013.4	1011.2	7
## 9660	17	60	54	1010.1	1006.9	3
## 9661	17	37	40	1009.2	1004.9	1
## 9662	13	39	29	1011.8	1010.1	1
## 9663	17	41	45	1020.9	1020.5	1
## 9664	20	42	44	1027.7	1024.8	1
## 9665	11	57	53	1026.8	1023.1	1
## 9666	30	74	56	1025.9	1021.6	1
## 9667	22	47	50	1021.7	1016.9	0
## 9668	13	43	41	1016.1	1012.6	1
## 9669	11	89	88	1023.3	1021.3	8
## 9670	33	92	82	1019.8	1013.0	8
## 9671	30	45	30	1014.7	1011.2	1
## 9672	13	35	37	1020.7	1017.5	1
## 9673	13	42	38	1023.3	1020.5	1
## 9674	13	54	50	1026.2	1022.6	7
## 9675	24	63	70	1019.5	1013.6	5
## 9676	20	88	59	1007.7	1002.1	7
## 9677	15	34	46	1017.8	1017.2	1
## 9678	30	53	52	1021.9	1018.2	1
## 9679	11	56	45	1017.6	1014.4	7
## 9680	9	66	66	1016.0	1012.3	7
## 9681	28	38	31	1009.6	1009.4	1
## 9682	17	32	36	1017.0	1013.1	6
## 9683	13	34	42	1020.5	1019.3	5
## 9684	11	41	44	1018.3	1014.1	7
## 9686	17	94	90	1022.9	1022.0	8
## 9687	11	86	76	1022.9	1020.0	7
## 9688	9	66	67	1026.3	1022.1	7
## 9689	22	59	70	1022.0	1019.9	1
## 9690	28	72	67	1022.8	1018.8	4
## 9691	28	63	63	1019.1	1014.8	1
## 9692	15	36	69	1019.4	1018.0	5
## 9693	28	50	75	1017.3	1011.8	1
## 9694	13	51	74	1013.8	1011.0	1
## 9695	28	48	52	1013.2	1013.6	0
## 9696	15	52	54	1023.9	1022.8	7
## 9698	17	88	94	1028.4	1025.4	8
## 9700	35	93	92	1021.2	1018.1	8
## 9701	30	88	86	1019.1	1017.8	8
## 9702	26	96	78	1019.6	1016.6	7
## 9703	15	75	67	1015.4	1013.6	1
## 9705	20	80	70	1024.8	1023.4	8
## 9706	28	89	70	1027.6	1027.5	8
## 9707	6	66	92	1030.9	1030.3	7
## 9708	24	70	54	1030.2	1026.9	7
## 9709	41	61	63	1023.0	1018.3	1
## 9710	35	69	72	1015.6	1011.1	7
## 9711	37	74	68	1008.1	1001.3	8
## 9712	13	38	36	1002.0	1003.5	1
## 9713	17	33	35	1015.2	1013.6	0
## 9714	35	49	47	1019.4	1016.5	0
## 9715	28	45	65	1022.6	1022.4	1

```
## 9716          13          82          57          1028.6          1026.0          7
## 9718          35          58          56          1022.5          1019.1          2
## 9719          26          60          66          1019.3          1016.4          0
## 9720          13          68          70          1017.8          1014.9          3
## 9721          20          94          73          1018.4          1016.8          8
## 9722          17          72          75          1019.0          1016.9          7
## 9723          28          75          63          1016.8          1013.7          1
## 9724          15          74          66          1018.8          1017.5          6
## 9725          19          71          67          1019.5          1016.9          1
## 9726          37          64          69          1017.9          1015.2          3
## 9727          39          68          62          1016.1          1013.4          7
## 9728          26          72          71          1015.1          1011.2          8
## 9729          15          52          42          1013.0          1011.9          1
## 9730          19          40          44          1018.8          1016.7          1
## 9731          26          94          75          1016.9          1015.9          8
## 9732          20          90          91          1018.0          1015.8          7
## 9734          30          75          68          1021.3          1018.6          7
## 9735          39          63          71          1021.1          1019.4          7
## 9736          28          70          72          1025.6          1024.2          2
## 9737          39          57          64          1024.6          1020.1          3
## 9738          15          69          92          1017.7          1015.6          7
## 9739          39          75          66          1015.7          1013.6          1
## 9740          39          62          62          1019.6          1017.8          1
## 9741          43          63          64          1020.1          1016.7          1
## 9742          44          64          57          1015.3          1011.4          6
## 9743          11          77          92          1012.5          1010.1          7
## 9744          22          94          80          1014.1          1013.2          8
## 9745           6          95          90          1014.6          1013.1          8
## 9746          35          85          81          1016.8          1019.0          6
## 9747          20          89          57          1025.2          1023.7          8
## 9748          13          69          56          1024.3          1022.9          8
## 9749          19          78          55          1024.3          1023.7          7
## 9750          20          60          57          1026.5          1024.9          6
## 9751          26          70          51          1026.2          1024.2          3
## 9752          24          53          54          1023.3          1020.6          5
## 9753          24          72          60          1020.1          1017.9          6
## 9754          33          63          55          1018.9          1015.5          3
## 9755          31          58          57          1015.4          1011.9          7
## 9757          15          88          73          1014.6          1012.7          8
## 9760          22          70          72          1017.9          1015.6          7
## 9761          30          86          86          1013.4          1011.1          8
## 9762          11          94          93          1012.4          1011.3          8
## 9763          13          75          65          1013.6          1012.6          5
## 9764          13          71          67          1016.1          1015.2          4
## 9765          30          95          75          1018.1          1015.9          7
## 9766          44          65          70          1015.8          1012.5          3
## 9767          26          69          64          1009.3          1006.0          6
## 9768          13          88          83          1007.0          1005.7          7
## 9769          13          82          65          1006.6          1005.4          1
## 9770          19          81          73          1011.4          1011.5          6
## 9771          19          74          76          1013.7          1012.0          5
## 9772          17          68          63          1010.7          1007.7          1
## 9773          11          66          57          1005.8          1004.1          7
## 9774          20          83          80          1005.0          1003.8          7
```

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## 9775	13	86	77	1005.6	1005.7	7
## 9776	30	74	79	1006.1	1001.3	8
## 9777	41	44	15	999.4	1003.2	1
## 9778	28	40	46	1012.1	1010.2	1
## 9779	17	59	49	1017.2	1017.7	6
## 9780	9	93	85	1017.7	1017.4	8
## 9781	31	82	82	1021.1	1020.2	8
## 9782	13	97	89	1016.7	1013.2	8
## 9783	20	78	66	1008.4	1004.1	7
## 9784	24	87	70	1002.0	1002.8	7
## 9785	11	95	84	1016.2	1017.1	8
## 9786	15	74	63	1018.4	1016.2	5
## 9787	17	62	65	1016.8	1015.9	1
## 9788	15	67	63	1016.1	1015.8	3
## 9789	31	58	66	1015.9	1013.3	2
## 9790	41	69	72	1012.4	1009.6	2
## 9791	20	82	77	1011.4	1009.2	7
## 9792	31	63	64	1009.2	1008.3	6
## 9793	20	65	71	1007.6	1004.5	7
## 9795	17	95	65	1011.6	1010.5	8
## 9796	28	77	87	1011.1	1009.4	5
## 9798	33	82	90	1011.8	1010.3	8
## 9799	24	85	78	1011.8	1010.7	8
## 9800	22	95	96	1012.5	1012.1	8
## 9801	19	74	63	1015.2	1013.6	6
## 9802	26	74	65	1013.2	1010.9	7
## 9803	22	68	67	1009.9	1007.9	7
## 9804	17	71	67	1009.2	1006.8	1
## 9805	17	61	64	1004.4	1001.7	1
## 9806	13	78	70	1005.4	1005.4	7
## 9807	17	75	91	1008.3	1007.9	3
## 9808	15	78	68	1011.6	1011.4	7
## 9809	17	71	62	1014.2	1013.2	4
## 9810	20	87	65	1015.1	1014.3	7
## 9811	17	65	53	1012.5	1010.9	7
## 9812	37	61	59	1009.4	1006.3	1
## 9813	39	61	65	1008.8	1007.2	5
## 9814	39	70	66	1013.8	1012.7	0
## 9815	43	66	63	1014.4	1011.2	2
## 9816	39	84	77	1015.2	1016.5	8
## 9817	20	63	58	1020.2	1019.6	2
## 9818	17	72	65	1021.2	1019.0	6
## 9819	39	64	63	1017.6	1014.4	0
## 9820	39	64	64	1016.1	1012.6	1
## 9821	37	68	70	1015.8	1013.9	1
## 9822	35	70	72	1015.8	1013.7	3
## 9823	26	72	65	1015.0	1013.4	2
## 9824	43	67	66	1015.0	1012.3	1
## 9825	43	66	66	1015.6	1012.4	1
## 9826	22	81	71	1020.9	1019.2	7
## 9827	15	82	79	1017.8	1017.0	8
## 9828	28	70	67	1021.6	1021.7	7
## 9831	33	65	61	1014.2	1012.1	2
## 9832	13	78	73	1015.4	1014.6	5

```
## 9833    19    96    92    1018.3    1019.1    8
## 9834    24    93    65    1020.2    1019.0    7
## 9835     9    92    80    1019.1    1016.4    8
## 9836    26    83    68    1015.8    1013.0    7
## 9837    20    70    65    1014.1    1012.8    7
## 9838    35    85    68    1013.8    1010.4    6
## 9839    22    63    68    1008.5    1005.8    1
## 9840    28    88    76    1009.0    1009.1    6
## 9841    41    89    65    1017.9    1018.5    8
## 9842    30    74    64    1019.7    1018.5    6
## 9843    22    65    57    1018.4    1016.1    7
## 9844    19    70    60    1014.5    1012.9    1
## 9845    28    78    64    1014.1    1010.6    8
## 9846    33    67    65    1011.3    1008.2    5
## 9847    22    77    74    1010.6    1007.8    7
## 9848    30    79    67    1007.6    1005.0    4
## 9849    20    82    82    1014.0    1012.5    7
## 9850     6    88    85    1010.7    1008.4    7
## 9851    11    90    78    1010.5    1009.0    8
## 9852    31    95    80    1016.9    1018.7    8
## 9853    26    75    54    1023.9    1023.5    7
## 9854    19    85    56    1022.8    1020.7    7
## 9855    24    87    68    1019.8    1018.0    7
## 9856    24    68    59    1018.0    1015.3    7
## 9857    31    69    60    1015.1    1012.5    5
## 9858    35    73    65    1015.8    1015.1    6
## 9859    24    80    76    1020.6    1020.5    6
## 9860    17    78    64    1022.8    1020.5    4
## 9861    33    69    67    1020.7    1017.6    1
## 9863    13    76    69    1016.9    1015.0    6
## 9865    17    87    77    1013.7    1011.5    7
## 9866     9    82    87    1013.0    1010.3    7
## 9867    11    87    81    1009.9    1007.6    7
## 9868    15    86    82    1006.3    1003.4    6
## 9870    13    80    56    1004.1    1002.1    7
## 9873    33    57    53    1015.9    1015.2    1
## 9874    30    61    57    1022.0    1021.4    3
## 9875    22    86    65    1024.6    1023.0    7
## 9877    20    89    62    1021.2    1017.7    6
## 9879    15    59    64    1015.4    1012.8    1
## 9880    17    58    60    1014.9    1013.0    7
## 9881     9    63    64    1014.1    1011.7    1
## 9882    26    87    57    1013.9    1011.7    3
## 9883    39    57    59    1017.3    1016.8    1
## 9884    24    50    46    1020.6    1018.1    1
## 9885    15    46    47    1017.9    1014.9    1
## 9886     7    64    52    1015.1    1010.8    6
## 9887    24    71    66    1012.4    1009.8    4
## 9888    26    57    48    1010.9    1009.9    1
## 9889     9    48    31    1012.5    1007.9    3
## 9890    20    48    28    1011.6    1009.3    5
## 9891     7    53    46    1014.5    1010.8    1
## 9892     9    46    42    1015.6    1014.6    1
## 9893    22    43    47    1027.1    1026.3    1
```

## 9894	9	64	45	1029.6	1026.7	1
## 9895	20	53	48	1028.3	1026.3	0
## 9896	24	58	62	1030.3	1028.1	1
## 9897	11	77	46	1030.6	1028.3	1
## 9898	11	81	70	1028.6	1025.5	7
## 9899	17	90	64	1025.9	1022.4	3
## 9900	15	90	75	1022.4	1017.9	7
## 9901	19	91	80	1013.5	1006.9	8
## 9902	17	63	51	1006.8	1003.1	1
## 9903	43	49	53	1005.3	1005.2	5
## 9904	28	45	45	1012.8	1012.9	1
## 9905	19	61	51	1018.3	1015.9	1
## 9906	13	62	52	1022.6	1021.0	4
## 9907	13	75	71	1024.2	1020.8	1
## 9908	15	95	74	1019.3	1014.2	8
## 9909	19	78	66	1015.7	1015.0	1
## 9910	41	81	77	1017.3	1016.3	7
## 9911	39	79	84	1020.1	1018.1	4
## 9912	15	62	58	1018.4	1015.1	1
## 9913	11	82	51	1017.2	1015.0	1
## 9914	11	82	65	1017.5	1013.7	6
## 9915	19	68	34	1016.7	1015.8	1
## 9916	20	84	58	1019.6	1014.4	4
## 9920	17	61	82	1020.2	1019.2	8
## 9921	20	91	96	1019.9	1016.5	8
## 9924	15	88	89	1015.3	1014.1	6
## 9928	9	58	38	1015.7	1014.5	1
## 9929	11	74	48	1017.6	1014.8	0
## 9930	20	58	43	1013.1	1005.5	1
## 9931	17	38	33	1013.9	1012.2	0
## 9932	9	59	46	1019.0	1017.4	0
## 9933	13	78	56	1026.2	1024.9	7
## 9937	19	91	86	1031.4	1029.6	7
## 9938	22	91	64	1033.5	1032.0	7
## 9939	26	78	92	1034.0	1030.7	6
## 9941	19	74	62	1025.2	1022.6	2
## 9942	19	91	63	1023.5	1020.3	6
## 9943	15	63	49	1019.1	1013.9	1
## 9944	17	46	26	1014.6	1009.7	0
## 9945	11	49	42	1014.3	1010.9	0
## 9946	24	39	28	1013.7	1013.9	1
## 9948	17	67	31	1018.6	1016.1	0
## 9949	13	60	47	1017.3	1012.7	0
## 9950	13	64	38	1017.4	1017.5	1
## 9951	7	70	44	1023.5	1019.8	1
## 9952	9	88	73	1020.0	1017.9	7
## 9953	17	64	49	1024.1	1024.2	7
## 9954	11	64	84	1032.1	1029.7	7
## 9955	19	78	79	1029.9	1026.2	8
## 9956	11	79	68	1024.1	1020.9	4
## 9957	7	88	68	1018.6	1015.1	1
## 9958	11	70	51	1014.9	1011.1	0
## 9959	30	55	44	1007.9	1005.9	1
## 9960	28	47	40	1010.3	1007.7	1

```
## 9962      31    52    64    1015.3    1015.1    1
## 9963      15    54    50    1018.9    1016.6    1
## 9964      11    67    50    1019.9    1017.7    1
## 9965      15    47    45    1021.6    1018.7    2
## 9966      17    52    34    1025.7    1024.5    1
## 9967      17    56    47    1028.3    1026.1    5
## 9968      17    71    53    1027.3    1024.3    1
## 9969      13    89    55    1025.4    1022.2    5
## 9970      17    60    50    1023.7    1020.4    1
## 9971      11    68    52    1023.7    1021.3    0
## 9972      24    65    59    1024.5    1022.1    1
## 9973      28    62    56    1025.5    1024.0    0
## 9974      28    65    56    1029.1    1026.7    1
## 9975      26    54    37    1029.3    1024.5    2
## 9976      22    58    62    1024.5    1020.0    1
## 9977      13    51    65    1018.7    1014.4    0
## 9978      13    72    41    1012.8    1008.4    1
## 9979       9    59    53    1009.6    1006.3    6
## 9980      15    56    37    1010.1    1006.3    1
## 9982      41    47    69    1014.7    1014.4    1
## 9984      20    64    76    1025.0    1021.7    6
## 9985      20    67    56    1024.1    1020.9    1
## 9986      20    64    89    1021.5    1018.1    1
## 9987      26    85    66    1020.2    1016.9    7
## 9988      22    65    43    1012.5    1011.2    7
## 9989       9    51    55    1015.7    1014.4    1
## 9990      22    86    81    1022.8    1021.8    7
## 9991      26    92    64    1029.6    1028.6    7
## 9992      35    86    76    1033.0    1031.5    7
## 9993      28    94    79    1032.3    1028.9    8
## 9994      28    69    99    1028.7    1025.7    5
## 9995      19    62    60    1026.8    1023.4    7
## 9996      11    71    51    1025.4    1022.6    0
## 9997      20    83    96    1022.6    1018.2    8
## 9998      15    70    62    1019.7    1017.2    1
## 9999       9    54    79    1018.6    1016.0    5
## 10000     11    77    77    1021.0    1017.7    4
## 10003     31    70    49    1026.8    1025.3    3
## 10004     15    65    58    1030.1    1027.5    7
## 10005     19    48    54    1029.7    1026.4    6
## 10006     28    67    60    1029.3    1025.3    4
## 10007     31    55    55    1024.6    1019.5    1
## 10008     26    53    71    1018.9    1015.9    1
## 10009     11    70    75    1020.6    1016.3    6
## 10010      9    71    89    1009.5    1004.7    8
## 10011     33    38    23    1009.7    1007.9    1
## 10012     15    38    37    1014.2    1011.5    0
## 10013     20    44    65    1020.6    1021.7    2
## 10014     30    45    53    1027.7    1023.3    1
## 10015     17    40    33    1025.0    1021.1    1
## 10018     15    44    21    1017.4    1015.0    0
## 10019     20    27    18    1017.8    1014.7    5
## 10020     15    64    73    1022.3    1017.1    5
## 10021     30    34    44    1013.4    1006.7    1
```

```
## 10022          15         28         35      1021.1     1018.7      1
## 10023          28         52         51      1024.9     1021.1      1
## 10024          26         52         67      1019.7     1015.7      0
## 10025           7         70         75      1020.4     1016.2      5
## 10026          20         85         78      1014.9     1011.0      7
## 10027          35         77         61      1019.7     1018.8      6
## 10028          15         48         45      1022.7     1020.0      1
## 10029          26         52         56      1018.7     1014.3      8
## 10030          19         86         70      1007.8     1000.1      8
## 10031          24         35         40      1008.8     1005.1      3
## 10032          17         77         87      1007.4     1003.6      7
## 10033          17         51         89      1007.7     1009.4      7
## 10034          37         61         64      1019.2     1018.4      7
## 10035          33         52         58      1022.1     1020.2      4
## 10036          15         49         44      1022.2     1018.2      6
## 10037          19         85         66      1016.6     1012.8      8
## 10038          13         70         71      1013.5     1010.3      4
## 10039           9         77         87      1009.0     1007.6      7
## 10040          20         74         59      1009.8     1005.1      3
## 10041          20         64         42      1010.6     1007.6      6
## 10042          17         51         48      1011.0     1009.4      5
## 10043          26         63         62      1016.7     1014.0      6
## 10044          15         77         77      1021.9     1020.5      8
## 10045          13         92         79      1019.5     1016.6      7
## 10046          19         93         88      1009.8     1007.3      8
## 10047          13         73         62      1013.1     1014.0      0
## 10048          31         87         53      1028.4     1028.8      7
## 10049          24         53         54      1033.1     1031.0      7
## 10050          15         60         48      1031.2     1028.6      3
## 10051          22         59         62      1029.3     1026.0      1
## 10052          31         64         64      1026.4     1023.2      2
## 10053          31         62         60      1025.0     1022.6      2
## 10054          35         62         59      1024.0     1020.6      6
## 10055          43         57         59      1018.5     1013.4      5
## 10056          33         50         71      1011.8     1009.4      7
## 10057          28         86         93      1017.7     1017.7      8
## 10058          15         91         88      1021.2     1019.6      8
## 10059          19         78         64      1020.0     1017.0      7
## 10060          35         64         68      1013.7     1011.8      1
## 10061          26         74         77      1011.9     1009.0      2
## 10062          35         60         57      1018.4     1017.1      3
## 10063          17         55         63      1018.7     1015.6      4
## 10064          30         61         70      1011.4     1007.3      1
## 10065          17         70         67      1011.0     1009.4      4
## 10066           9         83         67      1018.2     1017.0      7
## 10067          33         62         61      1020.3     1016.8      5
## 10068          39         61         57      1015.8     1012.5      2
## 10069          31         69         63      1015.3     1013.5      6
## 10070          35         68         58      1016.5     1013.4      0
## 10071          28         69         59      1016.3     1013.7      5
## 10072          28         46         62      1012.6     1011.8      3
## 10073          24         73         72      1022.6     1021.5      7
## 10074          26         79         85      1019.8     1015.3      8
## 10075           6         80         89      1016.6     1014.1      6
```

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## 10076	37	65	68	1012.6	1009.7	0
## 10077	26	69	74	1017.3	1017.0	0
## 10078	35	58	66	1017.0	1013.4	7
## 10079	15	74	75	1019.8	1016.9	7
## 10080	28	73	62	1017.9	1014.8	7
## 10081	39	67	66	1017.5	1013.8	1
## 10082	39	51	58	1014.7	1010.5	1
## 10083	17	66	77	1015.7	1014.0	7
## 10085	19	75	92	1013.1	1013.9	7
## 10086	26	96	90	1020.6	1019.8	8
## 10087	24	92	95	1018.6	1016.0	8
## 10088	26	76	90	1012.1	1009.7	8
## 10089	20	51	24	1010.4	1007.2	0
## 10090	13	64	70	1018.2	1017.2	1
## 10091	30	78	78	1019.1	1017.1	7
## 10092	39	64	65	1016.8	1012.9	7
## 10093	33	78	91	1015.0	1016.8	8
## 10094	31	56	46	1018.3	1017.7	3
## 10095	15	56	61	1019.6	1017.2	3
## 10096	31	59	60	1014.8	1010.8	1
## 10097	28	58	64	1018.7	1016.8	7
## 10098	17	65	52	1018.0	1015.9	8
## 10099	13	80	89	1014.0	1012.4	8
## 10100	20	59	58	1011.8	1010.6	7
## 10101	19	68	63	1013.7	1012.4	1
## 10103	19	71	89	1005.1	1002.1	4
## 10105	24	75	67	1006.2	1006.5	1
## 10106	24	57	63	1013.9	1013.9	6
## 10107	20	66	58	1018.3	1016.9	7
## 10108	26	52	52	1019.5	1018.9	1
## 10109	24	56	53	1021.4	1020.1	3
## 10110	19	55	68	1019.7	1016.9	5
## 10111	43	55	62	1014.3	1010.4	6
## 10112	22	66	67	1011.2	1012.1	1
## 10113	19	66	63	1016.5	1015.6	1
## 10114	13	93	72	1017.4	1015.2	8
## 10115	22	89	67	1014.2	1012.0	7
## 10116	20	93	71	1012.4	1011.2	7
## 10117	19	83	58	1011.6	1010.2	7
## 10118	19	57	61	1007.5	1005.5	1
## 10119	41	73	62	1005.3	1004.6	5
## 10120	35	62	59	1009.7	1008.0	7
## 10121	35	60	55	1011.5	1011.9	3
## 10122	28	57	49	1016.3	1016.5	4
## 10123	20	95	53	1018.5	1017.2	8
## 10124	17	56	56	1017.3	1015.9	6
## 10125	20	57	47	1018.7	1017.3	6
## 10126	31	56	58	1019.4	1017.2	1
## 10127	39	56	57	1015.9	1011.6	1
## 10128	17	76	70	1016.1	1014.2	6
## 10129	30	60	67	1011.5	1012.4	1
## 10130	15	61	63	1015.6	1013.1	3
## 10131	43	64	64	1010.8	1006.6	1
## 10132	13	94	74	1004.9	1004.0	8

```
## 10133            22          60          56      1009.8      1007.0          5
## 10134            17          63          34      1006.7      1001.6          5
## 10135            30          36          49      1013.5      1013.2          1
## 10136            20          53          56      1017.2      1014.4          6
## 10137            26          52          68      1014.9      1014.0          5
## 10138            11          67          91      1016.7      1016.7          7
## 10139            28          58          63      1020.4      1019.6          5
## 10140            28          87          90      1020.3      1018.3          7
## 10141            22          88          77      1014.4      1012.9          6
## 10142            26          72          72      1014.3      1014.4          3
## 10143            20          75          66      1015.3      1013.9          7
## 10144            17          72          65      1013.7      1012.9          7
## 10145            31          66          72      1016.3      1015.8          7
## 10146            30          89          87      1017.8      1016.5          8
## 10147            20          90          80      1014.8      1013.6          8
## 10148            30          90          93      1011.9      1009.9          8
## 10150            13          90          79      1014.5      1013.5          8
## 10151            13          90          76      1014.2      1012.0          8
## 10152            19          96          74      1011.3      1009.2          7
## 10153            26          81          79      1008.5      1005.9          8
## 10154            26          73          73      1005.8      1003.6          3
## 10156            22          86          65      1007.5      1005.9          5
## 10157            11          75          69      1005.8      1003.9          7
## 10158            13          72          69      1004.3      1002.2          1
## 10159            15          71          67      1003.1      1000.9          1
## 10160            13          73          66      1000.3      1000.0          0
## 10161            19          77          75      1004.5      1005.6          5
## 10162            24          88          75      1008.0      1007.3          7
## 10163            22          75          65      1011.6      1010.9          2
## 10164            20          69          63      1012.6      1010.7          2
## 10165            33          95          70      1011.9      1007.0          7
## 10166            19          71          78      1014.3      1012.8          4
## 10167             9          90          76      1016.5      1014.6          5
## 10168            24          72          60      1019.5      1018.0          3
## 10169            19          72          59      1019.7      1018.4          3
## 10170            15          68          53      1019.6      1018.5          2
## 10171            19          71          60      1018.4      1015.9          3
## 10172            17          68          57      1017.5      1015.3          1
## 10173            15          77          71      1017.6      1015.0          7
## 10174            26          72          71      1011.6      1008.4          7
## 10175            30          85          84      1006.9      1007.8          7
## 10176            11          68          66      1014.2      1013.6          6
## 10177            13          82          70      1019.5      1018.9          6
## 10178            22          77          63      1021.7      1022.2          4
## 10179            17          74          63      1022.9      1021.7          6
## 10180            17          76          61      1022.3      1019.8          7
## 10181            31          72          68      1019.4      1017.3          7
## 10182            37          70          64      1016.6      1013.3          6
## 10183            15          62          63      1012.6      1010.4          5
## 10185            33          83          77      1009.9      1011.0          3
## 10186             9          96          92      1019.0      1017.0          8
## 10187            17          95          78      1016.6      1013.9          8
## 10188            31          71          75      1012.0      1009.9          6
## 10189            26          84          69      1015.6      1013.9          8
```

## 10190	31	70	63	1013.8	1011.4	5
## 10191	33	59	58	1010.8	1007.0	1
## 10192	17	67	46	1010.6	1008.2	0
## 10193	20	61	57	1012.7	1012.6	1
## 10194	15	92	60	1017.9	1016.6	6
## 10195	9	81	86	1019.1	1019.8	6
## 10197	9	88	68	1020.9	1018.4	7
## 10199	22	77	58	1015.2	1012.6	1
## 10200	17	76	72	1013.2	1012.4	7
## 10201	39	68	49	1018.2	1017.3	6
## 10202	35	71	88	1018.2	1016.2	3
## 10203	20	75	71	1017.1	1014.3	7
## 10204	9	92	75	1011.2	1007.6	8
## 10205	11	77	67	1007.4	1007.2	7
## 10206	17	74	60	1004.7	1001.2	3
## 10207	20	54	43	1012.1	1012.1	1
## 10208	13	63	57	1020.4	1019.9	5
## 10209	9	96	55	1023.6	1021.5	8
## 10210	13	91	61	1023.3	1021.5	3
## 10211	20	94	65	1023.5	1020.2	8
## 10212	15	81	59	1019.7	1016.8	1
## 10213	17	77	65	1017.7	1015.5	2
## 10214	24	80	72	1017.5	1016.3	1
## 10215	26	56	54	1017.4	1014.8	1
## 10216	19	51	65	1016.3	1013.9	2
## 10217	24	62	62	1015.9	1014.1	1
## 10218	13	74	58	1017.7	1016.2	6
## 10219	17	66	56	1020.6	1018.4	2
## 10220	15	61	51	1021.1	1018.0	2
## 10221	17	62	62	1017.6	1014.9	3
## 10222	30	79	56	1020.2	1016.1	5
## 10223	22	60	74	1014.7	1013.5	2
## 10224	35	52	32	1020.5	1021.5	1
## 10225	35	54	59	1027.1	1026.6	4
## 10226	19	66	70	1030.7	1029.0	4
## 10227	20	66	61	1030.7	1028.3	3
## 10228	17	94	71	1028.8	1024.5	7
## 10229	7	91	71	1025.2	1022.0	7
## 10230	9	74	78	1022.0	1018.3	4
## 10231	13	94	91	1020.0	1017.1	8
## 10232	11	88	72	1018.5	1016.1	7
## 10233	15	80	75	1017.3	1013.4	6
## 10234	26	80	77	1016.7	1014.8	7
## 10236	15	76	80	1015.6	1012.9	6
## 10237	26	71	77	1014.3	1011.3	4
## 10242	15	94	91	1022.0	1019.2	8
## 10243	30	76	69	1017.7	1017.0	6
## 10244	30	66	64	1025.6	1024.1	7
## 10245	6	79	61	1027.5	1024.7	7
## 10246	15	73	78	1024.6	1021.0	4
## 10247	7	69	75	1019.8	1016.7	7
## 10248	20	91	66	1018.4	1015.7	6
## 10249	17	63	41	1014.5	1012.4	1
## 10250	11	65	36	1017.8	1014.7	1

## 10251	11	86	54	1018.2	1015.3	7
## 10252	9	69	49	1018.7	1017.0	1
## 10253	7	70	48	1022.1	1020.4	0
## 10255	17	63	61	1021.4	1016.9	0
## 10256	9	59	65	1016.6	1013.2	1
## 10257	13	53	37	1014.9	1012.0	0
## 10258	22	45	29	1020.3	1019.5	1
## 10259	20	52	35	1022.8	1020.5	1
## 10260	19	59	56	1023.6	1021.9	1
## 10261	13	78	65	1024.5	1022.1	1
## 10262	11	74	54	1025.1	1022.0	1
## 10263	13	74	52	1023.9	1020.9	5
## 10264	17	69	41	1024.3	1022.0	1
## 10265	13	74	61	1025.4	1022.6	2
## 10266	13	56	50	1024.9	1022.1	1
## 10268	24	68	55	1023.7	1020.2	6
## 10269	17	81	73	1016.4	1011.5	8
## 10270	20	54	40	1017.0	1013.8	1
## 10271	19	54	45	1019.3	1017.7	1
## 10272	37	61	64	1023.2	1022.1	1
## 10273	20	66	81	1028.3	1027.9	5
## 10274	20	83	84	1032.2	1030.0	7
## 10276	13	81	67	1028.0	1024.2	5
## 10277	11	89	74	1021.7	1017.6	7
## 10278	7	97	89	1013.8	1008.3	8
## 10279	6	78	63	1005.3	1001.6	1
## 10280	9	48	47	1004.3	1001.4	1
## 10281	39	58	65	1010.6	1012.9	5
## 10282	28	56	50	1020.0	1019.3	4
## 10283	20	56	51	1024.7	1022.9	1
## 10284	13	66	70	1025.5	1023.4	1
## 10285	22	65	94	1024.2	1020.6	7
## 10286	26	93	92	1017.3	1013.7	8
## 10287	20	94	91	1014.1	1013.0	7
## 10288	19	89	80	1017.4	1015.5	7
## 10289	19	65	69	1017.9	1016.2	3
## 10290	20	81	68	1019.4	1016.4	1
## 10292	11	53	42	1020.7	1018.0	1
## 10293	13	62	40	1022.3	1019.9	1
## 10294	11	60	53	1021.0	1018.0	0
## 10295	15	79	53	1023.7	1019.4	1
## 10300	17	73	39	1029.8	1024.8	1
## 10301	20	62	63	1028.1	1024.9	7
## 10307	13	54	35	1018.0	1015.2	0
## 10308	15	63	41	1019.8	1017.3	1
## 10309	20	66	41	1022.9	1021.9	1
## 10313	13	71	59	1030.4	1028.2	1
## 10314	7	92	62	1030.5	1027.4	6
## 10315	17	97	81	1027.9	1024.0	7
## 10316	22	67	59	1023.0	1019.0	7
## 10321	19	54	46	1028.1	1026.8	0
## 10323	7	83	87	1021.0	1016.9	7
## 10325	41	55	44	1021.0	1019.7	2
## 10327	39	75	64	1025.1	1023.6	7

## 10328	26	77	73	1025.2	1022.6	7
## 10329	24	75	62	1025.5	1023.6	2
## 10330	11	69	49	1024.3	1021.5	7
## 10335	22	52	39	1022.3	1018.7	1
## 10336	22	48	43	1023.5	1020.4	1
## 10337	17	47	40	1022.1	1018.3	1
## 10341	22	55	28	1019.7	1014.6	0
## 10342	11	39	31	1017.1	1014.7	1
## 10343	11	45	38	1024.5	1022.2	0
## 10344	15	54	42	1023.5	1018.6	0
## 10349	19	63	63	1025.8	1023.3	7
## 10350	13	57	41	1022.2	1019.4	1
## 10351	24	43	32	1020.7	1016.2	1
## 10355	15	45	43	1021.2	1019.7	0
## 10363	13	57	48	1024.3	1022.5	2
## 10364	17	54	54	1025.4	1021.7	1
## 10365	35	56	60	1021.6	1015.3	1
## 10369	15	44	42	1023.7	1020.8	1
## 10370	15	48	43	1022.7	1020.0	0
## 10371	28	48	65	1024.3	1020.6	0
## 10372	39	45	59	1021.2	1015.0	0
## 10377	24	52	64	1027.2	1023.0	3
## 10378	13	50	45	1024.2	1021.2	1
## 10379	30	72	74	1024.2	1019.1	3
## 10383	24	58	60	1023.2	1018.3	1
## 10384	30	53	71	1019.7	1016.5	1
## 10385	31	64	61	1019.8	1015.3	7
## 10386	15	64	76	1016.0	1012.9	1
## 10392	17	56	49	1021.2	1019.4	1
## 10393	17	66	62	1022.8	1019.7	5
## 10397	15	45	45	1020.1	1018.4	3
## 10398	15	49	48	1026.9	1025.1	5
## 10399	31	43	52	1031.4	1028.6	1
## 10400	26	45	54	1028.5	1023.5	1
## 10405	15	55	59	1017.2	1012.8	5
## 10406	30	54	57	1011.1	1009.5	0
## 10407	43	54	62	1012.9	1006.9	1
## 10411	20	58	76	1024.2	1023.0	7
## 10412	24	52	56	1027.1	1024.2	1
## 10413	41	52	57	1022.5	1019.0	0
## 10414	26	40	41	1016.2	1012.2	1
## 10419	28	73	69	1014.1	1012.7	3
## 10421	17	55	38	1024.5	1020.6	4
## 10425	30	50	46	1023.8	1022.8	6
## 10426	17	89	48	1024.0	1021.6	8
## 10427	19	68	61	1020.4	1017.5	7
## 10428	26	56	59	1017.6	1014.9	1
## 10433	39	57	58	1020.3	1016.7	4
## 10434	35	56	61	1019.9	1017.2	1
## 10435	46	56	59	1017.3	1013.2	5
## 10436	46	62	70	1014.7	1011.9	5
## 10439	26	87	43	1026.0	1024.7	8
## 10440	22	64	45	1026.6	1022.9	7
## 10441	33	49	59	1019.4	1016.6	1

```
## 10442          15          71          71          1018.8          1013.9          6
## 10447          30          60          63          1012.6          1011.4          2
## 10448          43          51          61          1017.7          1017.9          4
## 10453          35          60          70          1017.4          1015.4          3
## 10454          43          72          60          1017.4          1014.5          1
## 10455          28          64          63          1015.9          1013.2          7
## 10456          13          72          78          1016.3          1015.4          7
## 10464          17          66          60          1020.3          1019.7          6
## 10465          17          66          57          1022.1          1019.5          4
## 10466          46          53          63          1011.8          1005.6          0
## 10467          37          39          59           998.3           995.8          2
## 10472          37          92          93          1011.1          1013.9          8
## 10473           9          80          67          1018.9          1017.1          7
## 10474          30          56          60          1015.5          1013.1          1
## 10478          13          92          92          1014.9          1014.2          8
## 10479          24          81          73          1014.2          1012.5          8
## 10480          33          72          63          1011.8          1009.7          5
## 10481          17          63          73          1012.8          1012.6          5
## 10488          17          88          80          1013.4          1013.4          8
## 10490          13          82          92          1009.4          1009.5          8
## 10492          22          75          69          1016.0          1015.6          8
## 10493          30          76          79          1018.2          1017.6          7
## 10494          20          65          58          1019.7          1018.6          7
## 10495          19          78          63          1019.7          1018.6          7
## 10500          17          80          56          1019.3          1018.8          7
## 10501          11          86          65          1019.1          1017.4          7
## 10502          17          86          57          1014.4          1011.8          6
## 10506          44          67          63          1008.9          1010.8          0
## 10507          19          59          68          1019.3          1019.3          3
## 10508          17          86          56          1023.0          1022.2          7
## 10509           9          82          60          1024.8          1022.4          2
## 10515          17          84          65          1020.0          1018.1          3
## 10516          20          75          75          1021.0          1019.2          1
## 10520          13          72          93          1012.3          1010.3          6
## 10521          31          64          80          1015.0          1014.2          1
## 10522          15          72          63          1015.9          1013.6          1
## 10523          22          80          55          1018.3          1017.4          2
## 10528          15          71          62          1024.4          1022.9          1
## 10529           9          71          65          1025.2          1022.3          6
## 10530          17          94          66          1024.3          1021.7          7
## 10534          13          74          52          1014.4          1011.9          4
## 10537           9          69          71          1015.9          1013.3          2
## 10542          26          57          54          1012.5          1008.1          6
## 10543          13          50          37          1013.5          1011.4          0
## 10544          15          64          55          1019.1          1016.1          1
## 10548          24          60          61          1021.1          1018.6          0
## 10549          17          62          62          1023.4          1021.4          7
## 10550          24          72          65          1024.1          1022.0          1
## 10551          26          66          66          1020.5          1015.7          1
## 10556          22          47          52          1025.1          1022.4          5
## 10557          20          68          74          1027.8          1026.4          7
## 10558          17          73          68          1030.2          1027.7          4
## 10562          11          81          66          1027.4          1023.6          4
## 10563          17          94          65          1021.5          1017.0          7
```

```
## 10564         9         81         72         1013.4         1010.3         7
## 10565         6         63         53         1014.9         1012.2         1
## 10570        11         67         43         1019.2         1015.8         6
## 10571        11         68         43         1018.0         1014.2         7
## 10572         9         81         96         1014.5         1009.7         7
## 10576        15         49         51         1025.3         1023.1         2
## 10577        19         79         56         1027.3         1026.5         1
## 10578        19         91         54         1031.5         1029.7         6
## 10579        13         92         54         1032.8         1030.1         6
## 10584        33         50         49         1016.7         1016.8         1
## 10585        22         47         53         1024.1         1022.6         3
## 10586        13         88         68         1026.8         1023.5         7
## 10591         6         85         94         1023.5         1021.1         7
## 10598        13         89         62         1010.5         1007.3         5
## 10599        17         58         41         1012.9         1011.2         1
## 10600        31         46         47         1018.3         1017.6         1
## 10604        19         65         57         1026.3         1023.2         1
## 10605         9         67         68         1021.6         1017.4         2
## 10606        13         64         57         1016.1         1013.6         3
## 10607        13         64         88         1014.5         1013.4         6
## 10612        39         96         75         1019.2         1016.9         8
## 10613        35         91         75         1019.9         1018.0         7
## 10614        11         64         65         1024.1         1022.4         1
## 10618        24         67         34         1028.0         1026.3         0
## 10619        13         76         43         1031.6         1029.4         1
## 10620        19         53         54         1031.8         1030.5         5
## 10621        15         78         74         1032.3         1031.1         7
## 10626        17         83         72         1026.7         1023.6         7
## 10627        17         75         58         1026.2         1023.7         7
## 10628        31         72         70         1026.1         1022.7         1
## 10632        15         61         54         1018.5         1016.2         0
## 10633        17         76         55         1022.2         1019.1         7
## 10634        13         57         39         1022.2         1018.5         0
## 10635        33         44         47         1022.6         1022.0         3
## 10640        11         89         71         1027.2         1023.6         7
## 10646        17         60         46         1016.9         1014.4         3
## 10647        17         60         47         1020.3         1016.0         3
## 10648        13         62         38         1017.7         1012.0         1
## 10649        19         38         31         1014.1         1009.3         3
## 10654        26         69         30         1011.9         1005.3         5
## 10655        13         45         25         1016.8         1015.3         1
## 10656        13         62         53         1017.1         1011.7         7
## 10660        17         59         59         1019.6         1016.3         0
## 10661        17         40         33         1015.3         1008.7         1
## 10662        20         27         14         1013.9         1011.5         1
## 10663        17         30         30         1017.2         1013.8         2
## 10668        15         55         62         1024.2         1020.4         0
## 10669        13         62         42         1022.1         1018.3         2
## 10670        20         52         47         1020.7         1019.1         1
## 10675        15         68         63         1030.7         1029.1         7
## 10676        15         68         55         1033.2         1031.5         3
## 10677        15         60         56         1033.5         1030.6         2
## 10682        31         69         66         1022.8         1016.7         4
## 10683        28         49         52         1013.4         1007.1         5
```

## 10684	17	80	49	1013.0	1010.3	2
## 10688	22	50	57	1017.2	1015.2	1
## 10689	17	76	94	1016.8	1012.0	7
## 10690	31	52	72	1006.4	1000.7	2
## 10691	20	41	48	1008.3	1004.2	1
## 10696	35	62	60	1015.8	1010.4	1
## 10697	22	29	62	1009.1	1004.2	8
## 10703	39	52	63	1019.6	1014.7	1
## 10704	43	44	74	1013.5	1008.1	6
## 10705	24	64	65	1017.2	1011.8	1
## 10710	30	31	57	1007.7	1008.5	1
## 10711	20	55	74	1013.2	1013.7	2
## 10712	24	55	50	1022.0	1018.2	1
## 10716	20	57	56	1008.9	1003.5	6
## 10717	28	30	44	1012.7	1013.4	1
## 10718	17	36	42	1023.4	1021.1	1
## 10719	39	53	59	1022.0	1017.1	7
## 10725	41	63	58	1015.8	1012.3	0
## 10726	46	53	62	1011.1	1006.2	2
## 10731	44	61	61	1021.1	1014.8	6
## 10732	28	52	66	1010.5	1006.6	5
## 10733	33	56	51	1017.2	1016.7	1
## 10739	31	45	51	1026.2	1024.1	7
## 10740	19	53	49	1024.1	1020.4	6
## 10745	28	66	76	1014.2	1010.4	3
## 10747	39	65	80	1015.2	1011.5	1
## 10753	17	55	61	1009.3	1007.5	1
## 10754	17	64	67	1012.1	1010.9	7
## 10759	20	63	61	1007.5	1005.6	1
## 10760	37	53	53	1013.9	1013.8	1
## 10761	19	47	47	1017.6	1015.1	1
## 10773	43	60	57	1013.2	1008.8	5
## 10774	20	89	53	1008.7	1005.0	8
## 10775	11	82	77	1009.2	1005.9	7
## 10781	15	64	58	1021.6	1020.6	3
## 10782	17	62	56	1023.3	1022.7	2
## 10787	43	65	58	1013.2	1009.6	7
## 10788	26	75	81	1015.5	1016.4	7
## 10789	15	76	76	1018.8	1016.5	7
## 10795	19	61	61	1012.6	1010.9	5
## 10796	30	64	57	1016.2	1013.8	3
## 10801	13	44	52	1007.6	1007.5	2
## 10802	6	89	77	1016.6	1017.0	7
## 10803	17	91	68	1021.4	1021.1	8
## 10809	15	67	55	1021.7	1020.8	6
## 10810	24	66	62	1023.2	1021.6	7
## 10816	28	78	73	1007.9	1004.2	2
## 10829	13	71	64	1016.0	1014.4	7
## 10830	19	55	60	1014.5	1014.6	1
## 10831	20	95	84	1019.3	1019.0	8
## 10837	20	69	61	1017.7	1014.6	7
## 10838	26	61	62	1016.3	1014.5	1
## 10843	20	76	70	1011.2	1011.3	8
## 10844	19	77	76	1012.5	1009.4	7

## 10845	39	71	68	1007.6	1003.5	1
## 10850	19	76	63	1019.7	1017.9	6
## 10851	15	84	53	1018.4	1015.6	6
## 10852	35	60	63	1015.8	1012.9	1
## 10857	15	60	52	1023.5	1022.9	6
## 10858	15	71	58	1025.3	1023.2	6
## 10865	19	78	67	1022.7	1021.0	5
## 10866	17	92	61	1019.5	1017.0	2
## 10870	39	60	65	1009.8	1004.5	3
## 10871	15	60	45	1017.3	1016.8	0
## 10872	28	66	66	1021.3	1019.1	2
## 10879	9	89	73	1019.0	1018.7	7
## 10880	13	93	76	1021.6	1020.2	8
## 10884	17	85	72	1019.4	1018.0	1
## 10885	13	86	72	1021.2	1018.9	7
## 10886	19	82	69	1019.8	1017.5	1
## 10887	24	71	66	1018.4	1015.2	3
## 10893	20	60	66	1021.9	1019.5	6
## 10894	13	60	54	1020.8	1017.7	1
## 10898	19	54	59	1015.3	1013.2	1
## 10899	19	93	80	1018.4	1016.1	8
## 10900	28	74	51	1019.2	1015.9	7
## 10901	24	66	52	1017.5	1014.7	7
## 10906	11	57	67	1020.4	1017.7	1
## 10907	26	66	60	1020.5	1016.5	1
## 10908	26	59	68	1018.6	1014.9	1
## 10912	35	55	76	1020.5	1019.5	7
## 10914	26	75	62	1020.8	1016.5	2
## 10915	9	64	76	1013.8	1013.0	7
## 12068	28	27	11	1005.5	1003.3	6
## 12069	15	68	40	1009.5	1009.0	6
## 12070	22	57	31	1014.9	1012.2	6
## 12071	20	51	28	1016.9	1012.2	1
## 12072	11	44	22	1015.1	1010.6	1
## 12073	9	54	26	1013.6	1009.1	1
## 12074	7	56	23	1012.7	1008.5	7
## 12075	9	46	31	1009.6	1007.0	7
## 12076	7	53	31	1011.2	1008.0	5
## 12078	13	56	37	1011.2	1008.0	1
## 12079	11	55	26	1013.3	1010.1	5
## 12080	15	47	19	1016.3	1012.3	1
## 12081	11	47	24	1016.8	1012.7	1
## 12082	11	48	24	1015.5	1011.4	0
## 12083	17	32	15	1011.5	1007.6	2
## 12084	24	32	11	1011.7	1009.4	0
## 12085	11	51	36	1018.1	1014.4	5
## 12086	17	52	35	1017.8	1013.4	8
## 12087	11	48	29	1016.6	1012.7	7
## 12088	11	54	36	1014.8	1011.7	8
## 12089	31	97	95	1012.4	1009.3	8
## 12090	9	86	54	1011.4	1008.7	7
## 12091	11	79	47	1010.1	1007.4	5
## 12092	37	68	48	1011.1	1009.5	5
## 12093	9	69	46	1015.7	1012.8	2

```
## 12094          13      53      38      1017.3     1014.2      1
## 12095          15      58      36      1016.2     1013.0      1
## 12096          13      56      28      1016.9     1013.1      0
## 12097          20      54      33      1017.0     1012.7      0
## 12098          17      59      28      1017.4     1013.2      1
## 12099          17      56      32      1015.0     1010.9      7
## 12100           9      54      40      1012.9     1008.9      7
## 12101          15      57      32      1010.4     1006.7      2
## 12102           7      61      36      1008.9     1005.8      1
## 12103          17      60      29      1008.9     1005.5      0
## 12104          13      63      22      1010.4     1008.1      1
## 12105          15      55      22      1014.4     1010.4      1
## 12106           7      63      25      1012.4     1008.4      0
## 12107           9      33      13      1008.9     1005.4      0
## 12108          22      42      24      1007.1     1003.5      7
## 12109          24      47      23      1006.1     1005.1      1
## 12110          11      53      22      1010.5     1007.6      1
## 12111          39      59      57      1014.9     1013.0      4
## 12112          39      93      85      1011.9     1009.2      8
## 12113          13      93      67      1007.8     1006.9      7
## 12114          39      70      53      1009.5     1006.8      7
## 12115           4      94      56      1008.9     1007.5      7
## 12116           7      74      55      1008.3     1004.3      2
## 12117          15      79      49      1007.7     1005.8      2
## 12118           9      78      55      1010.2     1008.3      2
## 12119           9      78      48      1011.3     1008.7      2
## 12120           9      67      40      1013.9     1012.1      1
## 12121           9      68      37      1016.2     1013.4      0
## 12122          13      65      39      1016.7     1014.0      1
## 12123           7      68      46      1016.4     1012.9      8
## 12124          11      65      39      1015.8     1012.2      1
## 12125          11      56      40      1015.5     1012.1      2
## 12126          15      69      27      1012.3     1008.8      4
## 12128           9      32      16      1012.1     1010.7      5
## 12129           9      70      33      1014.7     1011.7      7
## 12130           9      57      41      1011.7     1007.6      6
## 12131          28      39      25      1014.0     1010.5      0
## 12132          15      47      27      1013.1     1010.4      0
## 12133           9      54      19      1013.5     1010.6      1
## 12134           9      64      28      1013.7     1010.9      0
## 12135          20      52      27      1016.6     1012.1      2
## 12136          19      50      33      1016.0     1012.7      3
## 12137          11      53      24      1017.9     1014.2      1
## 12138          11      54      34      1019.2     1016.8      6
## 12139          11      55      35      1017.5     1014.2      2
## 12140          11      74      38      1016.6     1011.3      6
## 12141          13      71      34      1012.5     1007.9      2
## 12142          30      37      19      1010.9     1008.8      3
## 12143          22      49      22      1013.3     1010.9      1
## 12144          13      60      28      1015.5     1012.4      2
## 12145          11      65      30      1016.6     1012.6      2
## 12146           9      58      26      1015.9     1011.7      1
## 12147          11      56      25      1015.5     1011.7      0
## 12148           9      63      23      1016.5     1012.2      1
```

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## 12149          11          62          23          1016.9          1013.4          0
## 12150           9          59          24          1019.3          1015.5          0
## 12151           6          58          25          1021.8          1017.8          1
## 12152           7          55          28          1021.5          1017.7          0
## 12153          19          53          24          1019.6          1016.1          3
## 12154          13          54          26          1021.5          1017.6          0
## 12155          17          50          17          1020.7          1016.5          0
## 12156           6          52          28          1017.4          1013.1          1
## 12157          35          76          61          1013.5          1010.6          7
## 12158          11          82          40          1012.7          1011.2          2
## 12159          19          91          45          1017.6          1014.0          8
## 12160          13          59          36          1018.2          1014.1          4
## 12161          20          77          74          1016.9          1015.0          7
## 12162          17          75          33          1017.0          1012.4          6
## 12163          13          64          23          1017.0          1013.5          1
## 12164           9          55          36          1020.7          1017.1          1
## 12165           9          53          32          1023.5          1019.6          4
## 12166          15          51          19          1023.4          1018.4          3
## 12167          15          58          36          1022.9          1019.0          6
## 12168          20          63          46          1024.6          1022.1          6
## 12169          17          73          97          1023.3          1021.0          7
## 12170          17          96          67          1021.0          1016.6          8
## 12171          19          95          58          1015.9          1012.1          7
## 12172          22          96          38          1014.9          1012.0          1
## 12173          13          59          24          1015.2          1012.2          1
## 12174          17          50          24          1015.3          1011.9          1
## 12175          17          58          32          1016.8          1013.7          0
## 12176          24          62          29          1017.0          1012.8          1
## 12177          24          60          34          1016.1          1012.5          1
## 12178          24          66          34          1017.6          1013.9          5
## 12179           7          54          27          1020.2          1015.9          1
## 12180          11          56          30          1018.8          1014.6          0
## 12181          22          57          22          1014.4          1008.1          6
## 12182          24          49          31          1011.4          1008.1          0
## 12183          24          45          35          1011.2          1008.9          1
## 12184          20          41          27          1017.9          1015.6          0
## 12185          24          47          28          1021.6          1017.4          1
## 12186          20          58          32          1020.5          1016.5          6
## 12187          24          47          19          1020.5          1017.7          0
## 12188          11          42          18          1023.5          1019.6          2
## 12189           9          53          31          1024.1          1020.0          4
## 12190           7          49          36          1024.6          1021.7          3
## 12191          24          56          26          1027.3          1023.6          3
## 12192           9          53          27          1028.8          1024.6          2
## 12193           9          51          27          1026.9          1021.7          1
## 12194          15          61          29          1024.9          1020.7          2
## 12195          11          53          23          1025.0          1021.2          0
## 12196          11          51          25          1023.5          1018.7          0
## 12197          17          42          17          1021.2          1017.6          0
## 12198           6          50          28          1022.2          1018.2          0
## 12200          17          64          22          1018.8          1015.0          1
## 12201          28          44          19          1018.4          1015.1          0
## 12204          19          60          50          1019.6          1016.2          2
## 12205          20          49          29          1020.8          1016.8          6
```

```
## 12206          11          83          90          1019.5          1015.4          7
## 12207          17          89          88          1014.7          1012.0          8
## 12208          20          94          82          1013.7          1010.7          8
## 12209           2          64          48          1011.5          1009.8          6
## 12210          24          62          41          1015.4          1012.8          1
## 12211          17          64          37          1021.9          1019.6          3
## 12212           7          64          39          1024.4          1021.1          4
## 12214          11          77          44          1021.3          1017.5          1
## 12215           7          83          45          1020.8          1017.3          5
## 12216          19         100          47          1021.3          1019.0          8
## 12217           9          77          36          1024.7          1022.1          1
## 12218          17          70          54          1028.5          1025.1          7
## 12219           9          62          53          1028.8          1024.9          7
## 12220          19          67          49          1026.5          1023.3          7
## 12221          15          75          52          1023.6          1019.5          7
## 12222          17          87          66          1020.9          1016.3          7
## 12224           9          72          38          1016.3          1012.0          0
## 12225          30          82          44          1013.2          1012.1          1
## 12226          22          61          39          1016.1          1013.7          5
## 12227          31          73          36          1018.1          1015.9          3
## 12228          31          62          39          1020.2          1019.0          5
## 12229          24          76          29          1024.7          1021.9          0
## 12230           7          67          23          1025.1          1020.9          0
## 12231          17          51          19          1020.9          1016.7          3
## 12232          15          56          30          1016.8          1013.0          6
## 12233          20          72          38          1015.1          1012.0          1
## 12234          15          61          36          1019.2          1017.8          1
## 12235           7          71          38          1023.9          1021.3          0
## 12236          19          64          35          1024.8          1021.4          1
## 12237          19          73          39          1024.6          1020.7          1
## 12238          19          69          46          1023.5          1020.0          1
## 12239          11          78          86          1022.6          1019.1          7
## 12240           2          90          50          1020.0          1017.3          1
## 12241           6          77          45          1020.6          1016.9          0
## 12242          13          80          48          1018.4          1014.9          6
## 12243           2          88          38          1018.2          1014.5          7
## 12245          24          94          62          1007.7          1005.1          8
## 12246          24          94          54          1010.0          1009.6          7
## 12248          26          78          35          1019.0          1013.1          4
## 12249          33          57          26          1014.0          1010.6          2
## 12250          24          53          25          1015.6          1013.4          2
## 12251          39          61          38          1014.6          1012.5          1
## 12252          28          86          53          1019.3          1017.7          7
## 12253          20          82          51          1020.5          1018.1          8
## 12254          17          80          46          1021.6          1018.4          6
## 12256          15          65          32          1024.4          1021.7          3
## 12257          11          63          36          1026.2          1023.1          1
## 12258          19          61          34          1023.9          1019.1          1
## 12259           4          67          35          1020.7          1017.1          2
## 12260          17          70          29          1017.6          1013.0          0
## 12261          26          47          36          1013.0          1011.1          4
## 12262          17          81          39          1013.0          1009.8          3
## 12263          13          78          75          1011.9          1009.6          7
## 12264          19          92          77          1015.3          1013.6          8
```

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## 12265          15          93          52          1021.1          1019.1          2
## 12266          15          80          39          1023.8          1020.0          1
## 12267          11          78          34          1024.2          1022.4          0
## 12268          17          65          22          1027.1          1023.2          0
## 12269          17          64          35          1024.8          1019.5          0
## 12270           9          69          88          1020.0          1015.1          7
## 12271          28          72          33          1018.0          1017.2          0
## 12272          19          75          31          1024.9          1022.2          0
## 12273          11          60          32          1026.6          1021.8          0
## 12274          17          70          54          1021.0          1015.5          6
## 12275          24          92          41          1020.1          1019.2          7
## 12276          22          86          35          1025.6          1022.6          1
## 12277          20          79          39          1027.2          1024.2          0
## 12280          20          82          30          1026.9          1023.6          0
## 12281           6          65          27          1027.9          1024.3          0
## 12282          17          57          28          1026.0          1022.4          0
## 12283          11          51          28          1023.3          1019.2          5
## 12284          15          56          26          1022.2          1019.9          1
## 12285          13          61          29          1023.7          1019.4          7
## 12286          17          62          27          1020.3          1015.2          0
## 12287          15          55          18          1022.1          1018.6          0
## 12288          11          50          28          1021.4          1017.8          3
## 12289          17          56          38          1020.6          1017.1          7
## 12290          31          61          31          1017.5          1012.7          4
## 12291           7          55          24          1015.6          1010.9          7
## 12292          26          53          20          1017.3          1014.4          0
## 12294          11          45          20          1021.8          1018.3          0
## 12295          24          41          14          1020.0          1014.8          0
## 12296          28          54          26          1017.5          1017.6          6
## 12297           9          43          18          1027.6          1024.1          0
## 12298           9          45          21          1028.3          1022.9          2
## 12299           7          59          27          1021.1          1015.7          7
## 12300          26          50          18          1014.5          1007.8          1
## 12301          13          51          34          1013.9          1012.0          7
## 12302          20          42          15          1013.2          1009.2          4
## 12303          22          27          20          1011.5          1006.3          4
## 12304          17          23          14          1014.5          1012.1          2
## 12305          17          28          18          1019.6          1017.2          3
## 12306           4          41          14          1020.5          1016.2          2
## 12307          13          33          14          1019.3          1014.6          0
## 12308          30          56          14          1011.8          1004.7          7
## 12309          13          70          89          1017.7          1017.1          7
## 12310          19          50          26          1022.6          1019.3          1
## 12312          19          50          20          1023.1          1018.3          0
## 12313          20          57          39          1021.0          1017.7          6
## 12314          15          91          68          1019.5          1014.7          7
## 12315          20          92          48          1016.1          1014.2          8
## 12316          17          66          29          1018.4          1013.7          1
## 12317           9          78          79          1010.8          1007.8          7
## 12318          26          89          33          1012.4          1010.4          2
## 12319          20          67          26          1016.6          1013.6          1
## 12320          20          53          20          1019.3          1016.9          0
## 12321          13          39          16          1024.2          1020.3          1
## 12322          11          34          11          1025.9          1021.8          0
```

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## 12323      19      41      17      1025.2      1019.9      0
## 12324       7      46      20      1021.4      1017.1      0
## 12325      17      38      16      1019.6      1015.0      3
## 12326      24      46      20      1020.7      1016.3      1
## 12327      28      52      23      1022.7      1016.6      1
## 12328      20      46      31      1019.5      1016.2      3
## 12329      22      31      18      1018.8      1013.7      2
## 12330       9      27      17      1016.7      1012.5      3
## 12331      20      39      71      1013.7      1013.3      4
## 12332      13      74      51      1010.0      1005.4      7
## 12333      33      30      34      1010.2      1010.0      8
## 12334      24      44      23      1018.3      1014.7      0
## 12335      17      36      12      1017.4      1011.0      0
## 12336      35      31      10      1012.2      1010.9      7
## 12337      30      32      17      1017.3      1012.5      1
## 12338      26      31      18      1015.1      1010.5      0
## 12339      20      35      16      1016.5      1012.5      0
## 12340      11      23       9      1019.5      1015.3      0
## 12341      13      36      10      1017.4      1010.6      0
## 12342      50      38      51      1012.9      1008.5      0
## 12343      20      50      23      1011.4      1009.0      0
## 12345      13      45      21      1017.7      1014.8      1
## 12346      19      39      12      1019.5      1015.1      0
## 12347      33      27      10      1017.2      1014.8      1
## 12348      17      34      13      1019.2      1016.3      0
## 12349      19      38      13      1022.7      1019.1      0
## 12350       9      40      23      1025.1      1020.3      0
## 12351      31      53      47      1022.6      1018.3      6
## 12352      20      60      19      1013.5      1006.5      2
## 12353      35      29      11      1008.3      1004.5      1
## 12354      39      23      13      1008.3      1007.4      1
## 12355      26      36      14      1014.1      1010.1      0
## 12356      30      42      15      1016.4      1014.6      0
## 12357      19      27      12      1021.5      1018.3      0
## 12358      15      46      17      1023.9      1020.9      0
## 12359      11      49      23      1026.3      1021.8      0
## 12360      11      54      21      1024.9      1020.1      0
## 12361       9      41      15      1023.3      1018.9      0
## 12362      11      40      13      1020.8      1017.5      5
## 12363      17      34      14      1021.4      1016.4      1
## 12364      24      34       7      1018.0      1013.8      1
## 12365      24      15       9      1014.7      1009.1      5
## 12366      19      68      92      1012.8      1011.8      8
## 12367      30      57      39      1019.8      1017.5      6
## 12368      15      70      30      1022.7      1018.7      5
## 12369       9      67      43      1023.0      1020.3      6
## 12370      13      53      31      1022.7      1019.2      1
## 12371      13      49      26      1022.7      1018.5      2
## 12372      17      51      21      1023.8      1018.8      0
## 12373      17      52      20      1021.9      1017.0      1
## 12374      26      28       8      1017.6      1012.1      1
## 12375      28      20      15      1014.2      1011.2      3
## 12376      28      26      17      1015.4      1014.2      7
## 12377      13      60      62      1019.6      1019.7      7
```

```
## 12378        28        57        61        1024.3        1022.3        2
## 12379        20        51        26        1026.4        1022.2        4
## 12380        11        49        22        1023.5        1017.6        5
## 12381        11        53        23        1022.5        1018.2        1
## 12382        11        57        23        1022.7        1018.3        0
## 12383        20        48        16        1021.0        1015.6        3
## 12384         7        37        19        1014.5        1010.1        6
## 12385        11        58        22        1014.8        1010.5        1
## 12386        13        53        16        1012.2        1008.1        0
## 12387        24        26         8        1009.3        1003.9        1
## 12388        26        20         6        1005.9        1001.3        1
## 12389        24        42         7        1008.7        1004.7        0
## 12390        11        52        17        1011.8        1007.7        0
## 12391         4        48        17        1012.9        1008.0        1
## 12392        19        39        15        1010.6        1006.3        0
## 12393        24        41        15        1010.2        1007.8        7
## 12394         9        33        21        1012.8        1009.0        2
## 12395        20        53        23        1019.7        1016.4        7
## 12396        24        48        19        1020.9        1014.9        1
## 12397        26        50        21        1017.3        1011.6        2
## 12398        20        48        30        1013.4        1009.0        3
## 12399        15        39        10        1008.5        1002.9        1
## 12400        33        14         8        1006.8        1003.7        2
## 12401        22        27        17        1008.6        1005.6        0
## 12402        24        37        15        1010.4        1008.6        2
## 12403        11        41        20        1017.4        1013.8        6
## 12404        13        42        20        1020.4        1016.1        1
## 12405        17        50        17        1017.7        1013.8        0
## 12406        37        33         7        1013.0        1008.9        1
## 12407        19        14         3        1012.7        1010.0        0
## 12408        19        33         9        1012.4        1008.1        0
## 12409        39        24         8        1008.6        1003.2        4
## 12410        20        27        10        1008.9        1005.6        0
## 12412        28        41        14        1011.3        1012.7        6
## 12413        20        25         4        1016.1        1012.8        1
## 12414         9        14         7        1014.5        1011.1        1
## 12415        11        52        10        1014.0        1011.7        7
## 12416        11        47        21        1017.8        1013.8        3
## 12417         9        55        28        1020.0        1015.4        0
## 12418        19        48        26        1019.5        1014.1        0
## 12419        19        52        20        1015.2        1011.7        5
## 12420        15        69        29        1016.3        1012.1        7
## 12421        19        53        42        1016.2        1013.3        5
## 12422        11        57        28        1015.6        1011.1        6
## 12423        20        85        60        1015.6        1012.0        7
## 12424        13        65        23        1014.8        1011.5        0
## 12425        19        54        26        1014.0        1009.1        3
## 12426        30        60        28        1011.1        1006.4        6
## 12427         9        64        41        1010.9        1008.6        8
## 12428         9        66        82        1013.9        1011.2        7
## 12429         2        74        46        1013.8        1010.5        6
## 12430        17        90        92        1016.3        1015.2        8
## 12431        24        91        92        1018.3        1016.8        8
## 12432        15        76        58        1017.6        1014.4        7
```

## 12433	19	87	81	1014.6	1012.2	8
## 12434	17	96	81	1010.2	1007.9	8
## 12436	13	58	42	1015.1	1012.9	3
## 12437	13	53	42	1017.1	1014.4	5
## 12438	13	63	38	1016.0	1011.8	7
## 12439	20	68	46	1013.6	1010.5	7
## 12441	11	59	34	1019.6	1016.1	0
## 12442	15	59	36	1017.5	1013.6	0
## 12443	9	51	31	1015.4	1012.6	0
## 12444	13	58	35	1014.4	1010.1	0
## 12445	20	58	34	1012.6	1008.8	0
## 12447	9	66	47	1015.2	1011.9	4
## 12448	15	58	40	1012.6	1008.0	3
## 12449	19	71	35	1007.8	1003.7	2
## 12450	30	43	25	1007.1	1005.3	0
## 12451	26	28	19	1010.6	1008.8	0
## 12452	6	52	17	1013.2	1010.1	0
## 12453	13	45	15	1012.4	1009.7	6
## 12454	22	35	17	1013.7	1010.2	3
## 12455	13	44	24	1012.8	1009.3	0
## 12456	15	55	25	1012.0	1009.3	0
## 12457	19	61	20	1013.3	1009.6	2
## 12458	11	54	16	1012.9	1008.8	1
## 12459	13	40	20	1012.2	1008.7	2
## 12463	19	51	33	1010.4	1006.4	7
## 12464	35	50	38	1008.9	1007.7	8
## 12465	33	41	26	1009.4	1006.3	6
## 12466	26	56	36	1008.3	1005.0	5
## 12467	24	54	46	1010.2	1007.1	6
## 12470	20	85	57	1016.2	1013.7	6
## 12471	13	77	43	1018.5	1016.0	7
## 12472	13	60	37	1020.0	1016.8	1
## 12473	13	61	35	1019.5	1015.6	2
## 12475	15	66	35	1013.6	1009.6	2
## 12477	19	72	38	1008.7	1005.0	3
## 12478	15	93	86	1008.4	1007.1	8
## 12479	13	61	25	1010.2	1008.9	6
## 12480	13	63	38	1012.3	1009.8	1
## 12481	19	68	38	1015.7	1014.0	6
## 12482	13	48	22	1019.9	1016.5	2
## 12483	9	53	29	1019.4	1015.6	2
## 12484	7	61	32	1019.2	1015.6	1
## 12485	17	63	25	1018.6	1014.5	1
## 12486	43	56	81	1015.4	1012.7	7
## 12490	15	57	28	1019.0	1015.7	2
## 12491	11	62	46	1016.6	1012.9	7
## 12492	19	95	87	1013.7	1011.1	8
## 12493	15	87	74	1008.7	1008.5	8
## 12494	30	63	45	1011.6	1009.2	6
## 12495	24	59	49	1011.6	1008.6	3
## 12496	20	89	87	1010.2	1007.6	8
## 12497	24	84	77	1010.7	1009.9	6
## 12498	24	68	63	1011.7	1009.7	4
## 12499	17	81	67	1013.6	1012.7	7

```
## 12500       19       69       29     1016.7     1015.2       3
## 12501       26       64       30     1019.0     1017.4       1
## 12502       15       58       32     1023.0     1021.4       1
## 12503       13       50       26     1028.5     1025.5       1
## 12504       19       53       30     1029.2     1024.8       0
## 12505       20       60       29     1026.1     1021.3       1
## 12506        7       46       26     1023.9     1019.0       6
## 12507       20       52       24     1021.4     1017.7       0
## 12508       13       50       27     1023.5     1020.3       1
## 12509       13       55       17     1025.1     1020.3       0
## 12510       13       58       29     1023.3     1019.3       0
## 12511        7       58       27     1021.5     1017.3       0
## 12512       13       55       27     1020.6     1016.3       0
## 12513       13       71       21     1017.9     1014.0       2
## 12514       19       72       13     1017.9     1015.2       2
## 12515        9       68       28     1019.2     1015.9       0
## 12516       13       57       25     1022.0     1018.1       1
## 12517       11       65       34     1021.7     1017.6       2
## 12518       11       63       29     1020.0     1016.2       3
## 12519       15       57       35     1019.2     1014.6       3
## 12520       15       67       36     1019.7     1015.9       6
## 12521       28       69       83     1018.1     1016.5       7
## 12522       17       99       63     1017.7     1014.2       8
## 12523       22       85       34     1017.3     1014.5       0
## 12524        7       72       31     1018.1     1014.4       6
## 12526       13       50       39     1018.8     1014.8       5
## 12527       11       56       44     1018.6     1014.3       6
## 12528       15       57       45     1019.3     1016.2       7
## 12529       17       72       94     1019.2     1016.7       7
## 12530       22       70       45     1017.4     1014.0       2
## 12531       15       65       28     1014.9     1010.3       1
## 12532       26       48       34     1012.9     1008.8       4
## 12533       19       59       38     1013.0     1009.2       6
## 12534       24       50       38     1015.8     1014.9       7
## 12535        9       40       11     1019.6     1016.4       1
## 12536        7       47       23     1021.4     1018.0       1
## 12537       11       56       29     1021.6     1017.7       4
## 12538        7       47       22     1024.3     1020.2       3
## 12539       17       47       23     1025.6     1020.9       1
## 12540       11       49       33     1025.1     1019.8       3
## 12541        7       52       35     1024.0     1020.0       6
## 12542       15       48       36     1022.7     1017.7       1
## 12543       11       49       26     1021.9     1017.6       3
## 12544       11       50       28     1023.0     1018.6       2
## 12545        9       57       33     1022.4     1017.1       1
## 12546       22       60       27     1019.3     1013.9       4
## 12547       33       53       65     1015.1     1016.5       7
## 12548       19       61       17     1023.6     1020.1       1
## 12549       15       41       25     1021.9     1018.1       6
## 12550       19       45       20     1021.7     1018.3       0
## 12552       13       47       24     1024.1     1020.2       0
## 12553       11       56       27     1026.0     1022.0       1
## 12554       13       57       35     1026.6     1022.6       3
## 12555        9       56       29     1025.8     1020.8       7
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## 12556	19	51	42	1021.5	1016.9	5
## 12557	30	72	37	1017.2	1013.8	5
## 12558	28	47	19	1022.2	1019.2	5
## 12559	9	50	19	1021.8	1018.2	0
## 12560	7	38	16	1021.2	1017.5	1
## 12561	6	53	23	1021.9	1017.4	0
## 12562	6	53	26	1020.6	1015.7	0
## 12563	17	65	20	1016.8	1012.8	2
## 12564	33	33	16	1019.0	1017.3	0
## 12566	17	48	25	1019.7	1015.0	0
## 12567	15	44	18	1017.8	1014.7	1
## 12568	13	50	26	1019.5	1016.0	7
## 12569	17	59	69	1019.2	1016.0	8
## 12570	28	67	26	1018.0	1015.6	0
## 12571	15	61	31	1020.9	1017.5	0
## 12572	15	61	34	1021.3	1018.1	7
## 12573	15	64	33	1019.0	1015.2	8
## 12574	15	76	30	1019.5	1015.8	0
## 12575	6	52	34	1020.7	1016.9	0
## 12576	11	62	62	1018.3	1014.8	7
## 12577	15	87	52	1011.6	1006.3	7
## 12578	30	78	64	1009.1	1007.5	4
## 12579	9	87	52	1015.5	1014.0	7
## 12580	24	79	50	1020.6	1015.1	6
## 12581	30	84	57	1012.3	1008.7	8
## 12582	20	85	93	1011.1	1009.3	2
## 12583	7	92	94	1013.4	1012.5	8
## 12584	4	100	65	1019.1	1016.2	7
## 12585	2	94	84	1018.8	1016.8	7
## 12586	15	93	59	1019.8	1017.4	7
## 12587	31	92	65	1015.4	1012.1	3
## 12588	26	84	43	1015.0	1012.7	2
## 12589	33	85	58	1017.9	1017.8	0
## 12590	19	92	32	1023.6	1021.0	1
## 12591	13	67	35	1023.1	1019.0	1
## 12592	31	76	32	1019.0	1015.7	2
## 12593	28	71	43	1023.1	1021.0	6
## 12594	22	78	40	1023.7	1020.7	4
## 12595	24	57	37	1023.2	1020.7	3
## 12596	9	74	25	1027.5	1025.9	2
## 12598	15	63	29	1030.3	1026.1	0
## 12599	7	61	29	1028.4	1023.9	1
## 12600	20	70	59	1022.4	1018.1	7
## 12602	30	80	45	1023.2	1021.8	0
## 12603	19	86	46	1027.5	1025.3	5
## 12604	4	83	43	1030.2	1028.7	0
## 12605	15	70	43	1033.1	1029.9	3
## 12606	11	73	31	1032.6	1028.3	1
## 12607	15	61	44	1029.4	1024.6	6
## 12608	19	64	43	1026.7	1022.3	2
## 12609	9	84	79	1022.7	1019.5	6
## 12610	24	75	46	1021.7	1019.5	1
## 12611	13	84	40	1021.5	1018.9	0
## 12612	9	82	39	1022.9	1019.8	1

##						
## 12613	15	82	37	1023.2	1021.5	3
## 12614	9	69	43	1025.7	1023.8	7
## 12615	9	80	72	1027.0	1025.2	8
## 12616	24	82	65	1029.8	1028.4	8
## 12617	11	88	33	1029.3	1025.3	6
## 12618	19	67	35	1025.7	1019.6	7
## 12619	28	88	48	1019.6	1018.1	8
## 12620	11	88	72	1023.8	1020.9	8
## 12621	11	90	56	1023.7	1020.2	7
## 12622	13	61	33	1025.3	1022.6	1
## 12623	24	62	39	1027.0	1022.6	0
## 12624	13	70	58	1025.8	1022.0	8
## 12625	13	73	42	1023.3	1019.7	5
## 12626	22	70	50	1021.1	1016.4	7
## 12627	26	95	34	1018.6	1017.7	7
## 12628	28	78	48	1022.5	1021.1	0
## 12629	11	87	46	1025.9	1023.2	2
## 12630	6	73	36	1027.0	1023.7	0
## 12631	20	71	29	1024.9	1019.4	1
## 12632	9	83	92	1019.1	1015.7	7
## 12633	20	99	57	1022.3	1021.0	8
## 12634	15	88	38	1025.0	1022.4	3
## 12635	19	74	27	1028.4	1026.3	0
## 12636	7	62	37	1031.0	1027.7	0
## 12637	9	66	37	1029.3	1025.6	3
## 12638	7	71	45	1028.2	1025.1	6
## 12639	15	71	37	1030.4	1027.9	2
## 12640	7	61	35	1030.9	1026.9	6
## 12641	22	95	90	1024.9	1020.8	8
## 12642	15	99	92	1021.1	1018.8	8
## 12643	17	94	67	1020.2	1015.9	4
## 12644	19	95	72	1018.4	1019.6	8
## 12646	33	73	39	1025.4	1020.7	1
## 12647	19	78	50	1019.3	1017.6	1
## 12649	15	74	45	1019.9	1017.0	1
## 12650	28	77	42	1023.4	1020.6	0
## 12651	9	85	36	1025.0	1021.2	0
## 12652	7	65	32	1021.9	1018.9	0
## 12653	28	64	37	1022.3	1016.8	0
## 12654	17	93	93	1017.5	1013.6	8
## 12655	26	65	52	1016.3	1012.3	5
## 12657	17	72	53	1016.4	1014.7	4
## 12658	22	80	38	1019.2	1012.9	0
## 12659	35	48	28	1013.4	1012.5	2
## 12660	22	67	37	1019.0	1016.9	1
## 12661	7	63	28	1023.5	1019.0	2
## 12662	31	63	34	1020.7	1014.5	0
## 12663	11	78	86	1017.4	1014.8	7
## 12664	20	90	47	1017.7	1016.7	8
## 12665	24	70	31	1022.2	1020.1	0
## 12666	7	64	39	1023.5	1019.8	4
## 12667	15	94	96	1016.1	1012.9	8
## 12668	15	86	62	1018.8	1015.5	7
## 12669	20	76	54	1015.4	1011.8	7

## 12670	33	73	40	1014.0	1009.6	1
## 12671	19	66	37	1017.5	1015.4	0
## 12672	15	76	44	1023.9	1022.2	0
## 12673	13	67	38	1027.2	1024.0	1
## 12674	9	69	33	1026.6	1022.8	1
## 12675	13	68	32	1025.9	1022.2	0
## 12676	17	58	36	1022.9	1017.9	1
## 12677	20	60	46	1019.4	1015.2	7
## 12678	17	66	47	1019.5	1015.9	7
## 12679	15	78	89	1016.2	1012.1	8
## 12680	19	67	51	1019.4	1017.1	2
## 12681	13	66	39	1022.4	1019.8	1
## 12682	15	68	41	1025.2	1022.1	1
## 12683	9	62	34	1024.8	1021.0	6
## 12684	7	75	91	1018.7	1014.1	7
## 12685	35	98	45	1010.1	1008.4	8
## 12687	13	69	39	1022.9	1018.1	1
## 12688	9	70	62	1018.8	1015.8	8
## 12689	19	77	51	1014.2	1008.5	6
## 12690	24	69	48	1016.7	1015.2	3
## 12691	20	63	41	1021.3	1018.0	6
## 12692	19	56	49	1022.9	1021.8	6
## 12693	17	71	41	1021.9	1018.5	5
## 12694	9	84	74	1022.1	1020.9	8
## 12695	7	92	73	1021.3	1019.2	7
## 12696	9	81	51	1022.5	1019.3	6
## 12697	22	73	56	1023.8	1019.9	5
## 12698	22	87	59	1022.4	1019.7	8
## 12700	11	83	37	1020.5	1015.5	5
## 12701	4	78	38	1019.9	1016.1	2
## 12702	9	75	80	1017.9	1012.9	4
## 12703	15	81	31	1014.9	1011.3	2
## 12704	24	45	27	1016.4	1014.9	0
## 12705	13	53	32	1022.6	1019.9	0
## 12706	15	64	40	1025.9	1022.0	5
## 12707	19	63	51	1025.9	1021.4	7
## 12708	9	84	89	1023.3	1020.6	6
## 12709	11	79	47	1019.4	1015.8	4
## 12710	13	71	41	1018.4	1015.5	0
## 12711	7	61	45	1019.5	1015.0	6
## 12712	37	76	54	1017.3	1016.0	3
## 12713	15	71	64	1019.7	1018.8	6
## 12714	19	76	45	1021.6	1019.9	7
## 12715	24	58	43	1024.1	1022.3	5
## 12716	33	64	53	1026.1	1024.9	7
## 12717	19	62	37	1026.6	1022.2	0
## 12718	20	65	43	1021.8	1016.9	2
## 12719	17	81	80	1015.3	1012.0	8
## 12720	33	92	97	1005.7	998.1	8
## 12721	33	61	35	1010.8	1011.9	4
## 12722	24	59	35	1018.2	1015.3	0
## 12723	13	61	36	1020.5	1017.8	0
## 12724	13	65	28	1022.5	1020.3	0
## 12725	11	64	30	1026.0	1021.9	0

```
## 12726          13          88          73          1025.5          1021.0          7
## 12727          13          70          46          1022.4          1018.1          4
## 12728          11          74          32          1019.8          1016.1          0
## 12729           9          80          82          1017.0          1016.8          7
## 12730          17          84          42          1018.3          1015.5          3
## 12731           9          79          37          1018.5          1015.8          7
## 12732          17          67          26          1017.5          1013.7          2
## 12733          11          61          21          1016.0          1012.8          1
## 12734          17          64          32          1017.9          1013.5          2
## 12735          24          59          32          1016.6          1013.6          4
## 12736          22          64          38          1015.2          1012.3          8
## 12737          11          61          80          1013.5          1013.9          7
## 12738          31          69          23          1017.2          1015.1          1
## 12739          13          51          24          1019.5          1016.0          1
## 12740          20          67          28          1017.5          1013.0          1
## 12741          28          65          83          1016.2          1013.8          6
## 12742          13          65          33          1017.6          1014.1          0
## 12743          19          59          39          1018.2          1014.3          2
## 12744          22          82          40          1020.5          1017.6          7
## 12745          11          69          39          1024.3          1020.7          7
## 12746          11          62          39          1023.6          1017.9          1
## 12748          22          65          42          1014.6          1011.0          1
## 12749          22          61          35          1018.1          1014.7          2
## 12750          19          60          36          1019.1          1014.3          7
## 12751          13          68          92          1014.6          1012.6          7
## 12752          11          89          53          1013.3          1009.2          7
## 12753          11          80          45          1013.0          1010.5          7
## 12754          19          76          93          1013.1          1012.0          7
## 12755          11          91          40          1016.7          1014.9          0
## 12756          13          55          45          1021.5          1020.9          5
## 12757          13          54          48          1022.2          1020.1          7
## 12758          20          46          34          1021.7          1018.3          6
## 12759          30          53          32          1022.8          1020.2          6
## 12760          20          50          34          1023.5          1019.4          3
## 12761          13          44          29          1021.6          1017.5          0
## 12762          19          55          29          1018.7          1015.5          5
## 12763          24          51          31          1015.9          1011.0          3
## 12764          28          68          47          1013.7          1009.9          8
## 12765          22          64          97          1011.1          1009.9          7
## 12766          19          79          91          1011.2          1010.2          7
## 12767          15          89          63          1012.6          1010.0          7
## 12768          22          75          68          1014.8          1013.7          7
## 12769          24          71          65          1015.5          1012.3          8
## 12770          22          88          84          1010.9          1007.9          8
## 12771          13          70          48          1010.1          1006.2          7
## 12772          13          68          49          1010.6          1007.2          7
## 12773          19          67          44          1013.2          1010.3          4
## 12774          24          64          47          1014.9          1012.4          7
## 12775          26          66          47          1015.4          1011.5          4
## 12776          15          78          99          1011.3          1008.3          8
## 12777           9          91          74          1008.1          1006.1          8
## 12778          15          95          29          1007.6          1005.5          8
## 12779          20          48          23          1011.2          1009.0          1
## 12780           7          60          30          1012.5          1008.4          2
```

```
## 12781      9      64      27      1010.5      1005.9      0
## 12782      6      89      46      1007.6      1001.7      7
## 12783     35      77      34      1005.0      1006.0      7
## 12784     20      59      47      1008.2      1008.8      7
## 12785     17      88      69      1006.7      1002.9      8
## 12786     28      37      23      1006.5      1007.0      0
## 12787     19      36      15      1011.7      1009.7      1
## 12788      9      50      28      1014.5      1013.1      6
## 12789     15      67      69      1016.7      1016.6      7
## 12790     15      47      42      1017.6      1015.5      2
## 12793     20      73      36      1003.2      1000.8      6
## 12794     19      52      34      1011.5      1010.0      1
## 12795     17      51      29      1016.4      1012.3      0
## 12796     24      56      26      1016.7      1012.3      0
## 12797     15      50      25      1015.7      1011.7      0
## 12798     11      51      20      1015.1      1010.6      0
## 12799      9      66      77      1013.2      1009.3      3
## 12800      9      56      36      1010.4      1005.9      5
## 12801      9      71      41      1008.3      1005.3      3
## 12802     19      81      82      1006.4      1005.3      8
## 12803     28      80      39      1006.7      1004.1      3
## 12804     22      52      37      1008.0      1006.3      3
## 12805     20      48      29      1009.4      1006.4      2
## 12806     26      58      39      1008.2      1005.6      6
## 12807     35      53      68      1007.6      1005.9      6
## 12808     35      81      47      1007.2      1005.0      6
## 12809     19      60      45      1008.9      1007.1      5
## 12810     28      56      34      1011.4      1008.4      4
## 12814     22      63      25      1004.6      1000.6      1
## 12815     22      48      15      1004.2      1002.6      1
## 12816     22      62      25      1006.3      1003.2      1
## 12817     11      53      27      1008.7      1005.8      2
## 12818     13      49      29      1012.4      1009.7      0
## 12819      9      56      25      1013.6      1010.2      2
## 12820      9      55      28      1011.9      1007.8      0
## 12821     15      59      30      1009.3      1005.8      3
## 12822     13      45      21      1008.9      1005.9      1
## 12823     11      51      24      1012.7      1009.6      0
## 12824     15      52      28      1014.8      1010.9      0
## 12825     11      59      26      1011.2      1008.9      0
## 12826     20      54      28      1016.9      1014.4      1
## 12827     19      52      31      1019.5      1015.9      0
## 12828      9      63      23      1018.0      1013.1      0
## 12829     19      60      32      1015.8      1011.6      0
## 12830     20      62      32      1015.9      1012.4      1
## 12831     17      67      29      1017.5      1013.3      5
## 12832     15      60      35      1015.9      1012.5      2
## 12833     20      63      26      1015.6      1011.9      1
## 12834     17      66      42      1016.6      1013.9      4
## 12835     19      62      89      1015.5      1014.4      6
## 12836     13      86      55      1015.3      1013.1      5
## 12837     11      62      34      1019.3      1016.8      1
## 12838     13      60      31      1021.2      1016.8      7
## 12839      7      64      35      1018.6      1014.2      2
```

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## 12841       9       54      30      1014.6      1011.4      1
## 12843       7       74      50      1017.8      1015.2      7
## 12844      13       64      43      1016.7      1013.0      5
## 12845       7       66      41      1014.0      1010.8      4
## 12846      13       68      39      1013.3      1009.9      1
## 12847      17       71      39      1013.1      1010.0      1
## 12848      11       63      34      1011.2      1007.2      3
## 12849      28       52      20      1009.0      1007.4      7
## 12850      13       48      33      1013.8      1012.2      3
## 12851      19       52      31      1019.1      1015.7      0
## 12852      17       51      28      1018.1      1013.5      1
## 12853       9       67      28      1014.8      1011.1      0
## 12854      11       62      29      1012.6      1009.0      2
## 12855       9       63      26      1011.7      1008.2      1
## 12856      15       53      23      1011.4      1007.4      1
## 12857      26       48      23      1009.7      1006.1      1
## 12858      15       71      39      1011.6      1009.1      4
## 12859       9       75      49      1010.5      1007.8      7
## 12863      20       53      29      1021.4      1017.2      1
## 12864      19       56      34      1018.5      1014.6      1
## 12865      17       64      34      1017.2      1014.0      6
## 12866       9       67      35      1014.8      1011.5      7
## 12869      19       56      27      1021.4      1017.2      1
## 12870       9       61      30      1020.2      1015.7      0
## 12871       9       64      36      1018.9      1014.7      0
## 12872       7       65      35      1018.0      1014.2      6
## 12873      13       68      38      1016.9      1013.4      8
## 12877      15       78      57      1005.1      1001.4      7
## 12878      24       91      41      1003.2      1002.3      8
## 12879      20       88      48      1006.7      1005.2      8
## 12883      11       60      33      1020.2      1017.5      6
## 12884      17       58      23      1022.7      1019.2      0
## 12885      20       58      41      1022.6      1018.9      1
## 12886       7       72      29      1020.9      1016.5      1
## 12889      19       60      27      1015.7      1012.8      7
## 12890      11       57      78      1014.3      1013.8      7
## 12891      33       97      29      1017.1      1014.2      8
## 12892      17       61      25      1019.5      1016.8      0
## 12895      15       52      25      1015.5      1011.4      6
## 12896      20       73      25      1012.7      1008.9      7
## 12897      31       63      26      1014.2      1012.7      1
## 12898      28       45      22      1016.4      1012.7      1
## 12899      33       53      38      1016.3      1013.8      1
## 12903       9       39      17      1031.2      1027.0      0
## 12905       4       38      17      1030.3      1026.8      5
## 12906       9       51      35      1029.9      1026.2      1
## 12909      22       61      51      1021.7      1015.9      6
## 12910      24       93      77      1011.9      1009.1      7
## 12911      30       89      60      1009.4      1007.4      6
## 12912      28       91      69      1013.3      1011.5      7
## 12917      19       87      45      1019.9      1015.2      7
## 12918       6       92      50      1015.4      1014.7      6
## 12919      31       77      46      1019.1      1016.9      4
## 12920      13       58      34      1022.0      1018.5      0
```

## 12921	17	71	34	1020.2	1016.9	1
## 12922	17	66	35	1020.1	1016.4	1
## 12923	20	68	28	1018.9	1014.6	7
## 12924	19	53	23	1019.1	1017.6	1
## 12925	17	66	30	1021.0	1017.8	7
## 12926	26	67	35	1020.5	1018.1	4
## 12927	20	68	42	1021.1	1018.1	6
## 12928	26	72	38	1020.8	1018.4	1
## 12929	13	70	36	1020.8	1019.3	7
## 12930	28	90	58	1019.9	1017.0	7
## 12931	19	92	70	1018.0	1014.4	7
## 12932	28	95	97	1015.9	1012.9	8
## 12933	4	95	81	1015.3	1014.7	8
## 12934	13	95	54	1019.0	1015.4	1
## 12935	35	85	39	1016.3	1013.2	4
## 12936	37	70	46	1018.1	1015.7	1
## 12937	22	79	43	1019.4	1017.0	1
## 12938	9	77	44	1020.5	1017.0	1
## 12940	20	100	40	1019.2	1017.4	8
## 12941	26	80	49	1023.6	1021.6	0
## 12943	4	67	36	1029.9	1026.6	0
## 12944	7	71	35	1029.4	1025.5	0
## 12945	15	76	38	1028.7	1025.9	7
## 12946	20	58	28	1030.1	1026.7	1
## 12947	19	61	40	1031.4	1029.5	4
## 12948	15	58	35	1034.1	1029.6	0
## 12949	13	61	35	1029.3	1024.9	3
## 12950	9	68	39	1026.0	1021.9	0
## 12951	13	78	40	1023.9	1020.1	6
## 12952	19	73	34	1020.9	1016.2	6
## 12953	35	60	29	1020.1	1016.4	1
## 12954	20	62	32	1020.0	1016.0	0
## 12955	31	53	30	1019.2	1018.8	0
## 12956	24	70	30	1026.7	1023.9	0
## 12957	28	70	41	1025.5	1022.1	0
## 12958	24	72	36	1022.8	1018.7	2
## 12959	30	62	38	1023.9	1022.3	6
## 12960	13	71	36	1026.2	1023.0	0
## 12961	15	70	50	1023.2	1021.8	7
## 12962	26	92	47	1026.7	1024.8	7
## 12963	15	66	36	1029.7	1027.2	7
## 12964	17	86	86	1028.4	1024.7	8
## 12965	6	88	83	1023.9	1021.2	8
## 12966	17	90	68	1021.5	1018.9	3
## 12967	33	85	53	1020.2	1017.4	0
## 12968	22	91	43	1016.9	1013.9	8
## 12969	30	76	36	1016.6	1013.8	0
## 12970	31	75	39	1017.1	1014.1	1
## 12971	13	78	37	1018.7	1016.8	1
## 12972	15	68	31	1021.2	1018.2	0
## 12973	11	62	34	1022.4	1019.0	4
## 12974	20	79	35	1024.0	1021.9	5
## 12975	17	67	28	1027.5	1025.6	1
## 12976	6	50	25	1029.3	1025.4	0

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## 12977      9    61    30    1027.9    1024.1    0
## 12978      7    59    35    1025.3    1021.3    2
## 12979      6    60    31    1024.0    1020.4    0
## 12980      9    52    27    1024.8    1020.7    1
## 12981     11    55    28    1025.1    1021.8    2
## 12982      7    57    28    1026.4    1023.6    0
## 12983     17    59    30    1029.2    1024.9    0
## 12984     19    58    25    1028.5    1024.1    1
## 12985     20    73    38    1025.0    1019.9    7
## 12986      7    67    53    1019.7    1015.2    7
## 12987     22    69    46    1015.5    1012.2    0
## 12988     31    55    41    1012.4    1009.7    6
## 12989     20    60    29    1012.0    1008.1    1
## 12990     26    85    50    1011.5    1010.4    4
## 12991     13    99    38    1018.3    1016.3    6
## 12992      7    57    34    1023.5    1020.0    3
## 12993      7    66    44    1024.8    1020.8    5
## 12994      2    62    34    1024.3    1019.5    0
## 12995     15    60    33    1021.1    1015.5    2
## 12996     35    65    37    1017.4    1011.9    7
## 12998     19    70    63    1018.5    1017.0    5
## 12999     15    67    42    1023.8    1022.3    0
## 13000      6    52    40    1028.9    1026.7    4
## 13001     26    57    29    1032.3    1028.4    1
## 13002     15    52    32    1030.9    1026.7    1
## 13003     11    59    31    1029.0    1023.8    0
## 13006     15    96    94    1020.8    1017.0    8
## 13007     11    99    58    1022.1    1019.2    8
## 13008     13    74    34    1020.2    1016.0    5
## 13009      7    74    52    1020.7    1017.6    1
## 13010     13    76    36    1022.9    1020.3    0
## 13011      7    74    36    1024.0    1019.9    0
## 13012      6    64    38    1025.0    1022.1    1
## 13013     15    51    34    1028.9    1024.1    0
## 13015      9    61    28    1028.6    1023.0    0
## 13016     13    60    28    1024.3    1018.7    1
## 13017     19    68    25    1019.8    1015.4    1
## 13020     37    71    46    1017.4    1015.6    6
## 13021     22    58    39    1019.1    1016.2    0
## 13022     20    66    38    1022.8    1021.8    1
## 13023     11    56    31    1028.5    1024.7    0
## 13024     17    55    20    1027.5    1023.0    0
## 13028     20    30    12    1020.5    1017.1    0
## 13029     33    32     8    1020.5    1014.0    0
## 13030     30    37    27    1015.1    1010.6    6
## 13031     17    31    15    1021.7    1018.2    0
## 13033      2    54    34    1021.6    1016.2    0
## 13034     24    43    37    1018.3    1013.1    0
## 13035     31    36    18    1014.2    1011.8    0
## 13036     20    44    29    1019.0    1014.7    0
## 13037     11    46    27    1021.5    1015.6    0
## 13038     11    73    91    1016.9    1014.6    8
## 13039     35    97    38    1007.6    1004.8    8
## 13041     39    89    48    1006.7    1005.5    7
```

```
## 13042    20    88    50    1013.2    1013.6    7
## 13043    13    57    36    1020.0    1017.5    1
## 13044     6    56    26    1022.4    1018.6    1
## 13045    20    68    60    1020.0    1016.6    7
## 13046    22    95    94    1015.1    1011.4    8
## 13047     4    90    54    1013.2    1009.7    7
## 13050     2    68    42    1011.1    1008.9    7
## 13051    22    68    24    1012.4    1010.0    1
## 13052     9    52    16    1016.1    1013.2    0
## 13053    15    61    38    1017.8    1014.6    7
## 13054    19    65    45    1016.4    1011.7    6
## 13057    13    57    37    1024.9    1023.7    6
## 13058     9    51    31    1031.1    1027.7    5
## 13059    22    54    35    1030.1    1025.1    1
## 13060     9    59    30    1028.9    1023.4    1
## 13061    15    60    29    1025.9    1020.8    0
## 13062    11    60    26    1024.2    1019.9    1
## 13063    13    64    37    1023.0    1018.2    6
## 13064    13    62    35    1018.6    1013.2    6
## 13065    11    61    32    1013.1    1009.1    7
## 13066    28    78    78    1013.8    1010.9    2
## 13067    19    61    52    1017.3    1014.4    6
## 13068    19    63    47    1017.6    1013.2    4
## 13069    26    74    61    1013.7    1011.4    7
## 13070    30    72    47    1012.7    1009.2    6
## 13071    17    40    22    1017.3    1013.8    1
## 13072     9    59    37    1018.1    1014.2    6
## 13073    22    49    19    1013.3    1009.3    2
## 13074    24    34    19    1010.5    1008.5    0
## 13075     6    55    27    1015.1    1011.9    1
## 13076    19    54    34    1018.2    1013.6    6
## 13077     7    69    83    1016.0    1014.4    7
## 13078    17    63    30    1016.2    1012.4    7
## 13079    24    53    20    1017.6    1012.9    1
## 13080    11    56    25    1017.9    1013.9    6
## 13081     7    71    47    1017.5    1014.5    7
## 13082     4    47    24    1018.9    1015.1    0
## 13083    15    60    36    1017.9    1013.7    6
## 13084    26    55    31    1014.2    1008.6    7
## 13085    15    48    21    1014.1    1010.2    1
## 13086     9    36    16    1015.2    1011.6    0
## 13087    19    44    17    1016.5    1012.5    6
## 13088    28    53    29    1016.5    1013.9    7
## 13089    22    52    49    1017.8    1014.6    7
## 13090    11    48    25    1017.3    1013.0    2
## 13091    17    49    20    1015.9    1011.5    5
## 13092     9    40    26    1013.7    1009.6    5
## 13093    26    51    27    1012.2    1007.6    7
## 13094    19    96    92    1012.0    1010.1    8
## 13095    17    89    96    1017.5    1016.6    8
## 13096    28    97    93    1016.9    1013.5    8
## 13097    22    94    58    1012.1    1009.4    7
## 13098    22    71    30    1011.5    1011.5    1
## 13099    11    50    28    1015.6    1013.6    1
```

## 13100	26	59	39	1017.0	1014.4	1
## 13101	19	62	42	1015.6	1011.6	7
## 13102	15	89	91	1013.8	1013.1	7
## 13103	11	53	34	1016.5	1014.0	0
## 13104	9	56	41	1017.5	1014.5	2
## 13105	6	62	38	1015.3	1011.1	6
## 13106	6	56	37	1013.3	1009.2	6
## 13107	15	85	74	1015.1	1012.1	8
## 13108	13	88	95	1011.1	1009.1	7
## 13109	9	80	68	1009.6	1007.8	6
## 13110	13	63	47	1012.5	1009.2	6
## 13111	4	86	56	1008.7	1005.0	6
## 13112	28	78	57	1005.2	1001.2	5
## 13113	24	80	53	1004.3	1002.5	5
## 13114	30	68	32	1007.2	1006.4	1
## 13116	15	63	50	1015.4	1012.4	7
## 13117	7	79	45	1017.7	1014.9	6
## 13118	9	63	43	1019.8	1016.1	3
## 13119	19	58	38	1017.4	1013.8	7
## 13120	22	64	61	1013.1	1010.1	8
## 13121	4	78	53	1012.2	1010.2	3
## 13125	17	59	38	1010.6	1007.7	3
## 13126	9	59	40	1010.0	1007.2	1
## 13127	19	59	40	1007.7	1006.0	1
## 13128	28	65	31	1006.6	1004.4	2
## 13129	13	49	26	1009.0	1006.4	1
## 13130	11	61	33	1010.2	1008.2	7
## 13131	9	56	37	1014.2	1012.6	7
## 13132	13	48	32	1017.0	1013.7	3
## 13133	9	58	34	1016.5	1012.6	1
## 13134	7	56	30	1017.3	1013.8	0
## 13135	7	58	35	1018.2	1015.2	1
## 13136	17	59	31	1016.6	1012.5	1
## 13137	43	50	75	1013.1	1010.9	4
## 13138	13	77	41	1011.8	1009.2	3
## 13139	20	65	41	1013.1	1009.3	4
## 13140	30	62	36	1009.4	1004.8	3
## 13141	30	70	36	1006.4	1006.3	3
## 13142	20	41	20	1010.2	1007.8	1
## 13143	33	26	21	1009.2	1006.5	4
## 13144	24	27	10	1013.4	1011.0	1
## 13145	9	56	26	1014.9	1011.5	3
## 13146	13	61	43	1013.6	1009.7	7
## 13147	31	91	74	1013.6	1013.8	7
## 13150	20	60	37	1014.1	1011.0	1
## 13151	6	68	31	1014.0	1011.1	1
## 13152	6	60	38	1014.1	1010.3	3
## 13153	9	64	32	1012.9	1009.5	6
## 13154	17	51	35	1015.2	1012.2	4
## 13155	17	49	61	1014.8	1011.1	7
## 13156	31	93	89	1012.1	1010.0	8
## 13158	9	69	55	1007.9	1005.5	7
## 13159	19	63	80	1010.4	1008.3	7
## 13160	28	88	92	1010.8	1009.2	8

```
## 13161           22           84           89           1007.2           1005.1           7
## 13162           26           80           65           1005.5           1003.3           7
## 13163           13           95           92           1006.2           1004.7           7
## 13166            9           87           63           1003.8           1002.0           7
## 13169           13           77           52           1001.0            999.9           0
## 13170           24           60           33           1004.2           1003.4           3
## 13172            9           68           34           1010.2           1007.9           1
## 13173           17           65           31           1011.1           1008.2           5
## 13174           19           76           39           1009.7           1007.3           3
## 13175            7           64           22           1013.6           1011.8           1
## 13176           15           60           22           1015.5           1012.9           1
## 13177           11           62           30           1016.7           1013.5           1
## 13178           13           54           33           1018.6           1014.9           3
## 13179            9           59           37           1018.1           1015.1           1
## 13180           11           66           29           1016.9           1013.9           1
## 13181           17           67           34           1016.5           1013.6           2
## 13186            9           62           42           1017.2           1015.7           3
## 13187           15           64           36           1020.0           1018.2           1
## 13188           17           71           60           1019.0           1017.0           6
## 13189           13           91           75           1019.7           1017.0           7
## 13190           20           66           47           1017.4           1015.3           7
## 13191           13           68           41           1016.1           1012.9           6
## 13192           17           67           42           1014.3           1010.8           2
## 13193           26           68           31           1010.7           1006.7           6
## 13194            6           56           42           1008.7           1006.5           5
## 13195           26           65           46           1013.2           1011.2           6
## 13196           13           70           39           1014.2           1010.9           3
## 13197           20           71           52           1012.7           1009.7           5
## 13198           24           74           57           1012.7           1011.2           7
## 13199           19           69           39           1013.9           1009.5           1
## 13200           19           69           22           1011.6           1009.2           1
## 13201           24           64           25           1013.3           1011.2           0
## 13202           17           57           16           1014.1           1012.3           0
## 13203           11           63           28           1016.7           1014.0           1
## 13204           13           69           36           1018.0           1015.3           6
## 13205           11           66           35           1020.0           1016.0           6
## 13206            7           68           35           1018.8           1014.3           7
## 13207           13           70           42           1016.1           1011.6           7
## 13208           17           68           43           1013.1           1009.7           1
## 13209            7           70           65           1013.8           1012.0           8
## 13210           17           67           35           1016.1           1013.1           6
## 13211           20           52           22           1017.7           1013.5           0
## 13212           22           63           35           1015.2           1009.3           1
## 13213            4           64           40           1009.3           1005.0           7
## 13215           35           72           32           1006.7           1004.9           4
## 13216           30           49           22           1014.6           1012.0           0
## 13217           11           59           30           1017.6           1015.5           1
## 13218           13           61           34           1021.1           1017.6           2
## 13219            6           57           31           1021.6           1018.4           1
## 13220            9           58           29           1021.1           1016.7           3
## 13221            7           61           33           1018.9           1014.4           1
## 13222            9           67           33           1017.4           1013.5           3
## 13224           22           49           15           1018.3           1013.4           3
## 13225           22           39           23           1016.9           1012.9           1
```

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## 13226	26	40	19	1016.6	1012.4	1
## 13227	7	51	27	1016.7	1012.8	1
## 13228	9	54	33	1019.6	1014.9	1
## 13229	9	56	36	1020.7	1015.5	0
## 13230	13	54	33	1018.0	1014.5	4
## 13231	15	49	23	1019.1	1014.2	1
## 13232	28	55	22	1017.4	1015.5	1
## 13233	35	29	11	1023.0	1020.7	0
## 13234	20	43	24	1027.1	1023.6	1
## 13238	6	58	35	1024.6	1019.0	4
## 13239	30	65	69	1021.5	1017.7	7
## 13241	13	78	46	1017.6	1013.5	5
## 13242	11	60	29	1017.1	1013.5	3
## 13243	13	63	27	1017.2	1013.3	6
## 13244	7	63	24	1015.1	1011.1	2
## 13246	9	69	91	1014.7	1014.4	8
## 13247	28	93	31	1015.4	1012.9	7
## 13251	15	95	95	1020.9	1018.1	8
## 13252	13	81	32	1018.3	1016.2	4
## 13253	15	61	32	1024.2	1020.2	2
## 13254	17	59	29	1025.6	1021.2	5
## 13255	17	60	41	1023.0	1018.1	1
## 13256	20	85	60	1020.4	1016.7	6
## 13258	20	66	25	1016.7	1013.9	3
## 13259	15	66	25	1019.6	1016.5	1
## 13261	20	54	17	1019.6	1016.8	1
## 13262	13	47	18	1023.0	1019.7	0
## 13263	11	48	19	1024.2	1019.6	0
## 13264	6	58	22	1022.3	1017.6	0
## 13265	24	57	22	1019.0	1015.0	2
## 13266	30	44	26	1020.4	1017.7	0
## 13267	26	60	21	1022.5	1019.9	0
## 13272	11	51	18	1024.6	1020.8	3
## 13273	9	36	16	1024.2	1020.3	1
## 13274	17	52	30	1024.9	1021.1	1
## 13281	11	65	37	1023.7	1021.5	0
## 13282	13	66	35	1027.2	1025.4	1
## 13283	15	68	39	1031.0	1027.4	1
## 13284	13	66	33	1029.8	1025.4	1
## 13285	13	69	79	1026.1	1022.7	7
## 13286	9	85	92	1019.1	1015.7	8
## 13287	19	99	77	1012.7	1009.2	8
## 13288	28	97	74	1009.7	1007.4	8
## 13289	30	78	65	1007.7	1006.4	7
## 13290	13	88	42	1015.2	1014.3	5
## 13291	9	58	38	1020.7	1018.6	1
## 13292	9	79	52	1024.1	1021.8	4
## 13293	11	77	32	1024.8	1021.7	7
## 13294	17	66	23	1022.8	1018.2	3
## 13295	17	67	42	1018.1	1015.0	1
## 13296	22	80	39	1016.8	1014.4	1
## 13297	6	61	41	1018.4	1015.4	1
## 13298	11	63	44	1018.7	1015.7	0
## 13299	13	74	34	1019.8	1016.7	0

```
## 13300         15      62      39      1020.8      1017.3      4
## 13301         26      99      36      1025.1      1022.7      8
## 13302         24      86      38      1025.1      1022.1      1
## 13303         22      85      40      1025.0      1021.0      1
## 13304          9      80      42      1024.5      1020.5      1
## 13305         17      70      26      1020.5      1015.3      0
## 13306         28      65      28      1014.1      1011.9      6
## 13307         22      79      38      1025.2      1023.3      0
## 13309         13      55      19      1030.0      1026.2      1
## 13310         11      52      28      1025.9      1024.0      7
## 13311         19      79      66      1026.3      1022.4      7
## 13312         17      82      40      1021.7      1015.8      7
## 13314         20      70      35      1016.4      1013.7      3
## 13315         33      56      25      1019.6      1017.8      4
## 13316         26      67      36      1023.1      1020.0      1
## 13317         24      69      33      1022.7      1019.8      1
## 13318         17      80      37      1025.4      1023.6      0
## 13323         22      59      24      1029.0      1023.0      5
## 13324         28      60      75      1023.8      1020.1      7
## 13325          9      96      75      1023.0      1019.6      7
## 13327         15      97      91      1016.5      1013.3      8
## 13328          9      94      84      1018.0      1016.1      8
## 13329         26      77      55      1023.5      1022.6      1
## 13331          9      70      55      1026.8      1022.7      1
## 13332         13      92      92      1021.5      1017.9      7
## 13333         17      90      48      1020.4      1018.9      1
## 13334         30      74      42      1024.3      1022.0      0
## 13335         19      79      51      1026.4      1023.6      1
## 13336         17      73      44      1026.3      1023.3      1
## 13337         15      65      41      1026.2      1022.5      1
## 13341         24      78      39      1016.4      1014.2      1
## 13342         24      88      57      1020.9      1019.9      7
## 13343         26      84      43      1024.8      1022.2      1
## 13344         26      82      33      1024.0      1020.4      1
## 13345          9      88      28      1028.9      1020.9      0
## 13346         19      71      33      1023.5      1020.1      0
## 13347         17      66      30      1024.0      1019.9      0
## 13353         11      59      25      1025.4      1021.0      0
## 13354         24      57      42      1018.5      1015.7      7
## 13355         35      65      34      1021.3      1018.5      2
## 13356         31      54      36      1022.4      1019.0      1
## 13357         15      63      35      1023.7      1020.1      1
## 13358          6      61      31      1026.3      1022.4      1
## 13359         13      59      32      1024.6      1020.9      7
## 13360         19      55      14      1022.3      1017.2      2
## 13361         13      43      28      1017.7      1014.1      0
## 13362         37      49      14      1014.9      1009.8      0
## 13363         30      46      25      1018.8      1016.6      0
## 13364         15      61      30      1024.0      1021.2      1
## 13365          6      53      29      1023.6      1018.7      3
## 13369         19      61      28      1021.0      1018.3      0
## 13370         17      57      28      1022.0      1018.2      1
## 13371         20      59      38      1021.1      1018.3      4
## 13373         13      63      35      1025.0      1020.0      3
```

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## 13374          20          62          34          1019.9          1014.3          1
## 13375          24          61          27          1015.1          1013.8          7
## 13376          26          56          23          1021.1          1017.8          6
## 13377          24          57          26          1022.9          1019.8          1
## 13378          11          34          20          1024.6          1020.8          0
## 13379           9          39          19          1023.6          1019.7          0
## 13380           6          37          16          1024.2          1020.1          0
## 13384          30          42          24          1022.0          1018.4          0
## 13385          20          47          29          1023.2          1019.8          0
## 13386          11          50          38          1025.8          1021.3          7
## 13388          13          48          23          1023.1          1017.5          1
## 13389          35          50          15          1014.6          1007.1          1
## 13390          22          50          23          1020.3          1017.6          0
## 13391           7          39          24          1023.5          1019.4          0
## 13392          13          46          30          1022.0          1016.5          3
## 13393          19          60          60          1019.6          1016.1          7
## 13394          20          64          32          1018.4          1013.2          1
## 13395          17          74          21          1017.2          1014.2          1
## 13396           9          32          16          1018.5          1013.4          1
## 13397           2          62          39          1016.6          1012.9          6
## 13398          11          46          10          1016.5          1011.9          0
## 13399           2          33          13          1014.0          1009.6          0
## 13400          30          39          14          1011.7          1011.2          3
## 13401           7          35          15          1018.4          1014.1          4
## 13402          11          52          31          1020.7          1015.9          1
## 13404          28          52          21          1017.2          1010.2          0
## 13405          17          90          79          1013.8          1012.6          8
## 13406          24          29          15          1021.8          1019.4          3
## 13407          11          41          19          1024.9          1021.3          0
## 13408           7          49          27          1029.2          1024.5          2
## 13409           4          46          23          1028.5          1022.8          0
## 13410          13          39          14          1024.1          1018.3          0
## 13411          13          29          12          1021.1          1016.4          0
## 13412          17          26          10          1017.6          1011.5          3
## 13413          20          48          20          1013.6          1011.3          0
## 13414          11          56          18          1013.6          1009.5          1
## 13415          22          30          15          1012.4          1008.8          2
## 13416          37          44           9          1010.6          1006.4          0
## 13417           7          94          67          1008.3          1008.5          8
## 13418          31          78          38          1016.3          1016.1          7
## 13419          20          53          20          1022.2          1018.9          0
## 13420          24          51          21          1023.9          1020.7          0
## 13421           7          48          23          1026.0          1022.3          0
## 13422          15          57          20          1023.2          1018.4          0
## 13423          19          45          17          1018.8          1014.6          0
## 13427           6          25          15          1015.9          1012.4          7
## 13428          33          59           9          1015.4          1012.6          1
## 13429          20          33          11          1022.0          1018.4          0
## 13430          13          39          14          1022.9          1016.4          0
## 13431          15          48          18          1016.9          1011.0          1
## 13432          20          28          10          1010.1          1006.2          0
## 13433          20          28          10          1014.3          1012.6          6
## 13434          11          50          26          1020.4          1017.4          3
## 13435           9          49          30          1022.4          1018.1          7
```

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## 13436                  7            63          38         1020.2       1015.7          6
## 13437                  6            60          23         1018.3       1013.9          1
## 13438                 13            47          12         1013.8       1007.1          1
## 13440                 13            50          27         1015.5       1013.0          6
## 13441                 19            50          32         1018.4       1014.4          4
## 13442                 13            49          22         1020.1       1014.7          0
## 13443                 17            48          24         1018.0       1013.5          6
## 13444                 22            54          28         1015.9       1010.8          5
## 13445                 19            53          31         1012.9       1010.5          7
## 13446                 11            93          83         1015.6       1014.9          7
## 13447                 20            45          22         1017.4       1015.5          8
## 13448                 20            45          22         1022.4       1018.7          3
## 13449                  6            37          18         1024.9       1019.6          0
## 13450                  9            51          18         1021.2       1016.7          1
## 13451                 28            36          13         1016.5       1012.1          5
## 13452                 30            29          12         1013.0       1008.4          1
## 13453                 31            34          16         1009.2       1006.2          8
## 13454                 20            46          29         1010.0       1005.9          2
## 13455                 22            79          19         1010.2       1007.3          7
## 13456                 30            19           4         1012.7       1009.9          0
## 13457                 17            31          11         1016.9       1013.4          1
## 13458                  7            50          19         1017.0       1011.8          1
## 13463                  9            53          27         1016.7       1012.4          4
## 13464                 11            42          26         1016.4       1013.1          7
## 13465                  9            40          23         1014.6       1011.7          7
## 13468                  9            58          29         1016.2       1011.8          6
## 13469                 13            41          17         1011.9       1008.0          1
## 13473                 19            56          29         1017.6       1014.1          0
## 13474                 17            47          23         1020.1       1015.0          1
## 13475                 13            54          26         1013.5       1006.8          1
## 13476                 28            37          15          999.7        996.4          5
## 13477                 11            18          13         1004.1       1001.5          1
## 13478                 20            48          24         1008.9       1005.8          0
## 13479                 19            54          26         1010.8       1007.1          2
## 13481                 19            82          28         1007.8       1005.9          7
## 13482                 22            48          37         1015.3       1011.5          7
## 13483                  9            56          34         1015.2       1011.4          2
## 13484                 11            50          23         1011.7       1007.6          0
## 13485                  9            43          17         1009.1       1004.0          3
## 13486                 35            35          28         1006.5       1003.7          6
## 13487                 13            62          46         1011.7       1009.0          7
## 13488                  7            64          36         1012.6       1008.2          3
## 13489                  9            64          39         1010.8       1007.6          6
## 13490                 17            65          37         1011.5       1008.3          2
## 13491                 20            61          35         1012.0       1008.5          6
## 13492                 19            61          38         1009.2       1005.7          1
## 13493                 24            53          57         1007.5       1004.5          5
## 13494                 19            93          89         1005.1       1003.1          8
## 13495                 31            99          99          999.0        997.1          8
## 13496                 17            92          57         1004.7       1005.0          7
## 13497                  9            70          19         1010.8       1009.5          1
## 13498                 17            67          48         1012.9       1008.9          0
## 13499                 13            98          92         1006.4       1006.4          8
## 13500                 33            75          53         1009.8       1008.3          5
```

```
## 13501            28        78        44        1013.0        1011.1        8
## 13502            24        69        43        1014.5        1012.2        7
## 13503            15        58        40        1016.1        1013.4        0
## 13504            20        57        46        1017.4        1014.5        1
## 13505            17        61        35        1018.2        1014.4        2
## 13506            19        64        34        1019.4        1015.8        3
## 13507            17        61        39        1018.8        1015.8        7
## 13508            15        57        38        1018.3        1014.8        3
## 13509            19        59        34        1017.7        1014.8        2
## 13510            17        54        31        1017.8        1013.8        1
## 13511            20        53        26        1013.8        1009.3        1
## 13512            19        67        31        1010.4        1007.8        1
## 13513            20        51        34        1014.1        1011.9        0
## 13514            15        65        34        1014.5        1010.5        0
## 13515            30        39        21        1012.0        1011.3        0
## 13516            13        40        30        1016.9        1014.1        1
## 13517            15        58        29        1020.0        1017.3        1
## 13518            17        58        30        1022.3        1018.0        1
## 13519            22        60        43        1019.6        1015.2        1
## 13520            17        73        41        1019.6        1014.7        6
## 13521            15        90        55        1018.0        1014.2        7
## 13522            17        81        48        1015.9        1012.3        4
## 13523             7        75        21        1016.4        1013.6        1
## 13524            11        72        43        1018.5        1015.1        1
## 13525            13        69        36        1019.7        1015.8        1
## 13526            11        71        37        1019.4        1015.5        1
## 13527            15        84        43        1016.2        1013.5        7
## 13528            19        59        32        1015.4        1011.5        4
## 13529            20        80        42        1012.7        1012.2        8
## 13530            19        80        30        1016.4        1013.5        1
## 13531            24        62        22        1016.5        1013.5        1
## 13532             6        52        25        1017.2        1015.0        2
## 13533            13        60        29        1023.2        1020.8        1
## 13534            13        65        26        1026.6        1022.7        4
## 13535            11        68        40        1025.1        1021.1        8
## 13536             9        71        33        1023.0        1018.9        4
## 13537            17        60        31        1023.6        1020.1        1
## 13538             7        57        34        1024.4        1019.5        7
## 13539            13        52        30        1022.6        1017.9        1
## 13540             7        50        27        1022.4        1018.8        1
## 13541            17        47        25        1022.9        1018.3        3
## 13542            15        44        25        1019.2        1014.3        4
## 13543             9        69        31        1015.4        1011.0        6
## 13544            13        62        22        1012.3        1008.3        7
## 13545            20        59        28        1012.7        1009.0        7
## 13546            15        61        23        1014.8        1011.1        1
## 13547            17        48        16        1015.5        1012.5        0
## 13548            26        36        24        1015.1        1012.1        0
## 13549            24        43        19        1014.0        1010.9        2
## 13550             9        54        27        1015.2        1010.0        1
## 13551            19        40        16        1012.6        1009.3        1
## 13553            20        39        22        1019.8        1016.0        2
## 13557            11        56        28        1022.3        1018.5        0
## 13558             7        50        25        1023.9        1020.4        2
```

```
## 13559         4         54         32         1024.0         1020.0         1
## 13560         4         62         28         1021.9         1016.6         1
## 13563        26         58         10         1022.8         1018.2         2
## 13564        15         34         14         1021.9         1017.4         1
## 13565        11         57         47         1022.4         1018.9         5
## 13566         6         50         33         1026.2         1022.5         3
## 13567         9         51         25         1029.1         1024.6         2
## 13568        17         52         30         1030.2         1026.1         1
## 13569        17         55         13         1028.8         1024.8         0
## 13570        11         45         29         1028.3         1023.2         0
## 13571         7         48         25         1025.9         1021.2         0
## 13572        17         59         44         1020.7         1015.5         7
## 13573        24         78         54         1015.1         1013.4         3
## 13574        15         78         34         1017.4         1014.1         1
## 13575        20         64         37         1016.5         1012.6         2
## 13576        26         76         35         1018.4         1015.5         1
## 13577        28         65         31         1019.0         1016.0         2
## 13578        22         52         30         1021.2         1017.7         5
## 13579        22         64         26         1021.5         1017.6         6
## 13580         7         54         38         1020.6         1017.0         7
## 13581        20         84         87         1014.9         1007.8         8
## 13582         9         94         66         1011.8         1010.4         7
## 13583        33         89         51         1014.7         1014.5         7
## 13584        11         81         39         1022.6         1021.0         0
## 13586         6         62         28         1027.1         1024.6         1
## 13587        13         61         40         1030.1         1026.4         1
## 13588        15         62         32         1030.5         1026.5         5
## 13589        17         63         36         1029.4         1025.5         1
## 13590        19         66         35         1028.6         1023.3         3
## 13591        15         74         45         1023.9         1017.6         7
## 13592        28         97         84         1013.9         1012.0         8
## 13593        28         83         46         1021.1         1020.0         1
## 13594         4         78         28         1025.5         1023.2         1
## 13595        13         81         42         1027.0         1023.5         7
## 13596        11         82         58         1026.1         1022.5         7
## 13597         9         75         54         1025.4         1022.5         7
## 13598        20         88         42         1026.9         1024.0         6
## 13599        15         74         53         1026.6         1023.2         6
## 13600        19         92         82         1023.4         1020.5         7
## 13601        11         87         59         1021.0         1017.1         1
## 13602         9         81         97         1015.1         1011.5         5
## 13603        17         86         65         1012.8         1010.5         3
## 13604        19         79         56         1013.4         1011.2         6
## 13605        17         86         63         1015.2         1014.6         8
## 13606        20         99         39         1017.5         1013.6         8
## 13608        22         84         41         1016.9         1014.6         1
## 13609        20         82         44         1021.7         1018.7         1
## 13611        17         78         46         1019.9         1017.1         6
## 13612        11         87         38         1023.0         1020.9         1
## 13613         6         71         39         1026.0         1023.0         4
## 13614        22         76         27         1023.7         1019.8         1
## 13615        19         77         91         1018.0         1016.0         7
## 13616        15         97         57         1020.2         1016.8         6
## 13617        15         89         86         1019.9         1017.1         7
```

```
## 13618            6          81          51          1021.1          1018.5          3
## 13620           19         100          55          1022.4          1019.8          7
## 13621           30          80          51          1020.9          1017.9          1
## 13622           28          88          46          1021.9          1019.3          0
## 13623            7          76          41          1024.1          1021.7          0
## 13624           17          77          42          1022.0          1016.4          1
## 13625           15          73          24          1017.2          1015.7          7
## 13627           11          61          24          1028.5          1026.0          0
## 13628           15          68          27          1031.8          1029.0          0
## 13629           13          68          38          1031.4          1027.6          5
## 13630            7          61          50          1030.6          1028.2          7
## 13631            6          71          44          1032.7          1029.4          1
## 13633            4          76          42          1028.7          1025.2          0
## 13634           15          67          36          1027.8          1025.0          4
## 13635           13          75          53          1026.4          1022.9          7
## 13636           17          84          47          1025.9          1022.9          6
## 13637           19          77          46          1025.8          1021.4          1
## 13638           28          75          45          1024.6          1019.7          6
## 13639            9          75          95          1019.6          1015.9          3
## 13640           20          97          55          1014.8          1012.5          8
## 13641            9          83          42          1020.5          1018.0          1
## 13642           15          74          41          1023.1          1020.8          4
## 13644           20          93          45          1026.9          1024.6          1
## 13645            7          75          36          1028.5          1025.6          1
## 13646           11          79          41          1028.8          1025.7          5
## 13647            7          68          34          1029.6          1026.2          0
## 13648           22          71          36          1029.8          1025.8          1
## 13649           17          69          49          1026.6          1022.7          5
## 13650           19          71          45          1021.1          1017.8          6
## 13651           17          65          35          1021.0          1017.9          0
## 13653           17          71          31          1019.8          1016.3          5
## 13655           19          63          34          1020.0          1017.2          1
## 13656           15          63          39          1021.8          1018.1          1
## 13657            9          69          26          1020.7          1015.3          4
## 13658           22          54          17          1016.1          1011.2          2
## 13659           41          62          28          1015.8          1013.1          2
## 13660           17          70          30          1020.7          1017.3          0
## 13661           13          62          20          1020.3          1017.6          2
## 13662            9          44          22          1019.7          1015.5          2
## 13663           28          40           9          1013.2          1008.1          1
## 13664           15          66           8          1018.9          1016.6          0
## 13665            9          36          26          1017.8          1012.4          7
## 13667           26          34          16          1023.5          1017.1          0
## 13670           24          67          14          1017.8          1012.3          5
## 13671           28          55          24          1019.2          1016.3          1
## 13672           20          53          23          1020.3          1016.4          1
## 13674           28          43          24          1019.3          1016.4          1
## 13675           24          58          34          1023.6          1021.2          1
## 13676            9          59          29          1026.4          1022.6          0
## 13677           11          57          16          1025.8          1021.4          0
## 13678            7          37          19          1023.0          1019.0          1
## 13679            9          37          18          1021.9          1018.2          0
## 13680           17          49          25          1022.9          1017.3          1
## 13681           22          62          22          1021.3          1015.8          3
```

```
## 13682      28    65    22    1023.0    1021.9    7
## 13683      17    50    19    1025.7    1022.6    5
## 13684       7    48    21    1029.6    1025.9    1
## 13685       6    51    29    1031.3    1027.6    0
## 13686       9    48    30    1032.7    1027.5    0
## 13688       4    48    20    1029.2    1024.3    1
## 13689       2    39    17    1027.1    1022.1    3
## 13690       2    42    14    1025.2    1019.9    6
## 13691      19    38    23    1021.7    1016.3    1
## 13692      20    52    15    1014.9    1008.8    1
## 13693      17    43     7    1014.2    1011.2    1
## 13694      19    31    10    1016.5    1011.6    1
## 13695      11    26    19    1016.3    1011.2    0
## 13696      28    58    14    1014.4    1011.0    1
## 13698      28    93    89    1014.2    1008.2    8
## 13699      33    62    39    1007.6    1004.7    1
## 13700      20    58    22    1009.8    1006.6    1
## 13701      26    54    20    1010.2    1007.5    0
## 13702      26    39    17    1014.6    1010.7    0
## 13704      11    40    17    1016.4    1012.3    1
## 13705      13    33     8    1015.6    1010.2    0
## 13706      28    38     8    1009.5    1005.7    1
## 13707       6    22     9    1011.9    1008.4    0
## 13708      41    32    11    1010.5    1009.0    0
## 13709       4    23     4    1018.4    1012.8    0
## 13710      22    56    11    1015.8    1010.4    6
## 13711      13    19     9    1018.2    1013.9    0
## 13712      11    52    11    1019.3    1013.2    0
## 13713      33    48    15    1013.4    1007.0    7
## 13714      15    93    39    1017.2    1012.8    8
## 13715      39    40    15    1015.8    1014.7    1
## 13716      17    34    11    1021.6    1016.6    0
## 13717       2    36    10    1019.0    1013.6    3
## 13718      13    34     5    1014.2    1009.1    0
## 13719      31    27     7    1009.9    1007.9    1
## 13720      28    42    11    1014.8    1012.4    0
## 13721       4    52    16    1021.3    1017.1    0
## 13722      20    52    13    1017.6    1011.4    0
## 13723      26    28    14    1012.0    1011.3    0
## 13724      24    53    27    1015.3    1009.8    5
## 13725      28    57    33    1011.5    1006.5    8
## 13726      31    39    11    1017.7    1016.3    1
## 13727      11    30     9    1023.2    1020.0    0
## 13728      20    59    13    1021.7    1016.2    4
## 13729      30    41    22    1016.3    1010.6    3
## 13733      17    59    24    1019.8    1014.9    1
## 13734      26    51    21    1016.6    1011.9    1
## 13735      15    41    22    1012.1    1008.6    4
## 13736      33    38     9    1015.2    1014.9    7
## 13737      15    22     4    1021.6    1018.3    0
## 13738      28    18     7    1021.9    1018.3    1
## 13739      15    18     3    1021.6    1017.6    0
## 13740      15    60    16    1018.5    1013.6    4
## 13741      33    56    17    1010.7    1008.9    7
```

```
## 13742          11          40          18          1015.5          1012.6          0
## 13743           4          46          26          1019.4          1016.0          3
## 13744           7          49          22          1021.3          1017.4          1
## 13745          13          35          20          1021.2          1015.8          6
## 13746          22          25           7          1016.7          1011.7          1
## 13747          28          31           6          1018.0          1015.6          0
## 13748          13          36          21          1023.5          1018.9          4
## 13749           6          47          22          1022.2          1016.5          0
## 13750          22          48          17          1018.4          1013.6          0
## 13751          19          32          12          1014.7          1010.2          2
## 13752          28          26          18          1010.8          1006.8          7
## 13753           9          41          17          1011.1          1007.8          6
## 13758          11          14           6          1013.7          1010.1          0
## 13759          17          44          10          1010.6          1006.9          2
## 13760           6          40          19          1011.2          1008.1          5
## 13761          30          48          20          1011.2          1007.0          3
## 13762          26          42          20          1010.3          1007.1          1
## 13763          17          33          14          1010.5          1006.6          2
## 13768          22          37          13          1006.9          1003.9          1
## 13769          19          38          15          1010.8          1008.7          1
## 13770          15          50          18          1016.6          1012.1          0
## 13771           6          52          17          1013.6          1007.9          0
## 13772          19          87          83          1008.4          1006.6          8
## 13773          13          59          28          1012.8          1011.4          3
## 13774          13          46          21          1021.7          1018.0          1
## 13775           6          48          22          1021.0          1016.1          5
## 13776          15          49          15          1016.5          1011.1          0
## 13777          28          49          19          1010.0          1004.0          2
## 13778          39          95          29          1003.0          1003.8          8
## 13779          24          28          15          1015.8          1014.3          1
## 13780           7          35          14          1019.8          1016.4          0
## 13782          24          42          19          1013.1          1007.1          4
## 13783           9          39          24          1007.1          1004.5          7
## 13784          24          24          14          1008.1          1004.9          5
## 13786           9          45           7          1011.3          1008.3          0
## 13787          17          54          40          1013.5          1010.0          0
## 13788          24          48          13          1014.7          1011.1          1
## 13789          11          46          25          1016.0          1011.7          3
## 13790           9          49          24          1018.2          1015.6          1
## 13792           4          42          11          1021.6          1017.1          1
## 13793           6          45          19          1020.6          1014.8          2
## 13794          11          41          20          1016.4          1012.0          0
## 13795          19          46          17          1015.6          1011.2          6
## 13796          15          47          19          1013.3          1009.7          5
## 13797           6          36          21          1013.0          1010.9          7
## 13798          19          56          24          1015.2          1011.4          7
## 13799          17          51          28          1012.2          1007.8          7
## 13800          31          38          10          1009.4          1005.2          3
## 13801          24          55          14          1009.7          1004.7          0
## 13802          28          50           8          1007.4          1003.7          1
## 13803          17          47          13          1009.1          1005.0          1
## 13804          17          55          18          1010.7          1007.2          4
## 13805          17          52          19          1012.4          1008.7          1
## 13806          19          44          27          1008.6          1004.6          7
```

```
## 13807        33      36       5    1001.9     995.9     1
## 13808        30      29      13    1002.9    1002.6     0
## 13809        20      25       7    1007.5    1004.7     0
## 13810        35      10       7    1008.5    1006.9     1
## 13811        13      34      15    1012.1    1008.7     5
## 13812        24      48      25    1016.4    1013.1     2
## 13813        20      56      31    1019.4    1016.6     7
## 13814         6      44      29    1019.8    1016.0     4
## 13815        11      53      28    1018.7    1013.7     5
## 13816        19      52      22    1015.8    1011.2     0
## 13817         6      50      21    1018.0    1013.6     1
## 13818        11      48      20    1019.6    1015.8     0
## 13819         6      49      20    1021.6    1016.6     0
## 13820         6      47      18    1019.5    1013.8     0
## 13821         9      47      26    1015.6    1011.2     0
## 13822         7      45      22    1013.8    1009.0     0
## 13823        13      52      22    1009.8    1004.3     0
## 13824        13      39      12    1005.9    1002.1     1
## 13825        28      41      11    1005.0    1002.0     1
## 13826        15      39       9    1009.9    1008.2     6
## 13828        17      69      52    1013.3    1009.5     7
## 13829        33      55      20    1011.0    1008.7     6
## 13830        19      48      27    1017.8    1014.7     1
## 13831        17      48      23    1020.3    1016.5     0
## 13832        15      46      24    1019.3    1014.6     0
## 13833        28      46      21    1017.4    1012.1     1
## 13834        15      47      21    1017.2    1012.5     1
## 13838        20      47      23    1013.4    1009.4     1
## 13839        15      54      25    1013.6    1010.0     3
## 13840        20      44      29    1016.4    1012.5     3
## 13841        11      48      32    1016.1    1012.3     7
## 13842         6      58      27    1015.6    1012.2     2
## 13843         6      57      18    1017.3    1013.2     0
## 13844         6      53      29    1018.3    1014.1     0
## 13845         2      60      24    1014.6    1010.7     0
## 13846        11      57      21    1016.1    1011.5     4
## 13847         6      51      22    1014.2    1010.2     1
## 13853        17      64      36    1009.6    1005.1     5
## 13854        13      68      78    1006.2    1003.3     7
## 13859        13      50      25    1018.1    1013.9     0
## 13860         6      64      31    1016.5    1011.7     1
## 13861         9      57      34    1015.1    1012.0     4
## 13866         9      56      35    1020.3    1017.6     3
## 13867         7      43      30    1023.3    1019.5     4
## 13868         7      57      29    1018.8    1014.7     4
## 13872        17      49      23    1020.5    1015.8     1
## 13873        17      46      19    1020.5    1016.4     1
## 13874        15      51      24    1020.6    1016.5     1
## 13875         6      56      24    1018.5    1014.7     1
## 13880        20      50      21    1016.9    1014.5     0
## 13881        11      57      33    1019.7    1016.6     1
## 13882         7      60      33    1020.4    1016.6     1
## 13886         7      65      29    1017.3    1012.5     1
## 13887         7      94      45    1015.2    1011.5     8
```

```
## 13888          28          80          82          1017.2          1016.3          7
## 13889          20          94          92          1018.3          1017.0          8
## 13894          13          77          41          1019.7          1015.9          1
## 13895          11          77          46          1019.1          1015.6          1
## 13896          13          69          40          1017.5          1014.2          3
## 13900          24          80          25          1018.1          1015.3          1
## 13901           9          52          33          1020.9          1017.1          1
## 13902           9          51          33          1021.5          1016.8          5
## 13903           7          61          37          1020.0          1014.9          1
## 13908          13          52          32          1015.4          1012.0          1
## 13909          13          59          36          1017.8          1014.3          2
## 13910          20          50          27          1017.6          1014.4          1
## 13914          17          46          28          1018.3          1015.8          0
## 13915          11          44          23          1021.1          1017.1          1
## 13916          17          51          31          1020.4          1016.3          7
## 13917          19          55          24          1019.4          1014.3          1
## 13922           7          65          46          1022.6          1018.3          1
## 13923           9          66          35          1019.8          1015.1          1
## 13924          13          76          83          1015.8          1013.0          7
## 13928          19          66          51          1013.9          1013.6          7
## 13929          24          59          32          1022.0          1019.9          6
## 13931          15          59          27          1021.7          1018.5          5
## 13936           9          58          27          1027.0          1023.7          2
## 13937          20          55          20          1028.6          1023.7          0
## 13938           7          50          29          1027.1          1023.0          0
## 13942          13          60          37          1029.4          1025.7          6
## 13943          13          57          31          1028.2          1023.6          7
## 13944          11          57          41          1025.6          1022.1          7
## 13945          11          58          30          1024.2          1020.9          0
## 13950          11          56          27          1024.4          1020.7          6
## 13951          35          64          34          1022.2          1015.0          6
## 13952          15          71          37          1018.5          1016.7          5
## 13956           9          63          87          1019.3          1016.9          5
## 13959           9          84          50          1024.7          1023.2          3
## 13964          20          54          21          1025.2          1022.4          1
## 13965          22          52          34          1026.3          1021.4          2
## 13966          15          59          34          1025.3          1020.5          1
## 13970          22          99          75          1018.5          1017.8          8
## 13971          24          86          51          1024.8          1023.4          2
## 13972          24          83          50          1027.6          1025.3          1
## 13973           7          72          34          1029.0          1026.1          0
## 13978          19          70          26          1019.2          1014.5          4
## 13979          28          50          32          1018.3          1016.2          4
## 13980          28          64          40          1022.5          1020.9          1
## 13984          28          57          35          1016.0          1013.8          1
## 13985          28          66          39          1021.6          1020.9          1
## 13986          20          66          45          1028.7          1026.2          1
## 13992          24          56          39          1019.4          1016.5          3
## 13993           6          68          23          1019.4          1014.5          0
## 13994          26          38          10          1012.3          1006.6          0
## 13998          24          60          22          1025.9          1024.2          1
## 13999           6          54          33          1029.9          1025.7          1
## 14000          22          56          33          1024.2          1019.7          6
## 14001          17          94          54          1019.1          1017.0          6
```

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```
## 14008          11          59          32          1024.4          1019.5          6
## 14013          17          62          30          1025.8          1021.6          1
## 14014          11          53          21          1024.7          1020.5          0
## 14015          13          47          18          1024.3          1020.1          0
## 14020          13          50          36          1031.7          1028.0          7
## 14021          17          52          33          1032.8          1029.5          3
## 14022          11          48          26          1032.9          1028.6          0
## 14026          24          57          17          1026.8          1022.3          3
## 14027          28          43          23          1024.3          1021.5          1
## 14028          15          43          21          1026.3          1023.2          1
## 14029           7          48          31          1029.1          1026.4          6
## 14034          31          96          66          1012.5          1011.3          8
## 14035          20          82          66          1017.2          1016.1          7
## 14036          17          65          38          1022.6          1019.3          1
## 14048          13          50          17          1018.8          1014.0          1
## 14049          39          45          26          1011.6          1012.4          7
## 14050          35          55          11          1017.4          1013.8          1
## 14054           7          41          24          1027.0          1022.8          5
## 14055          17          49          29          1026.2          1020.5          4
## 14056          31          52          28          1021.6          1014.5          1
## 14057          31          45          16          1014.0          1013.1          2
## 14062           6          43           8          1017.8          1012.4          1
## 14063          41          32           9          1013.7          1010.7          1
## 14064          28          32          17          1016.9          1013.9          1
## 14069           4          39          26          1028.9          1024.6          7
## 14070          19          39          18          1028.0          1022.5          1
## 14077          22          41          16          1019.1          1013.9          2
## 14078          31          26           7          1017.7          1015.7          1
## 14083          17          52          19          1018.8          1013.4          0
## 14084          26          55          20          1013.6          1009.0          7
## 14085          15          42          14          1016.1          1013.7          1
## 14091          26          39          18          1013.7          1012.6          1
## 14092          24          67          28          1017.8          1014.9          7
## 14096           9          52          25          1027.3          1022.3          0
## 14097           6          49          18          1025.3          1020.4          5
## 14098           2          48          27          1027.1          1022.6          1
## 14099           7          49          30          1025.3          1020.2          0
## 14106          22          18          12          1016.7          1013.4          0
## 14110          26          22           6          1018.4          1016.9          6
## 14111           6          47          15          1021.3          1016.9          2
## 14112          19          50          24          1022.3          1016.8          5
## 14113          15          46          26          1019.4          1012.1          1
## 14118           9          40          15          1017.2          1012.6          3
## 14119          24          33          16          1013.7          1009.8          1
## 14120           7          54          21          1014.6          1009.9          1
## 14124          30          42          27          1009.7          1007.1          7
## 14125          22          38           8          1014.2          1011.0          1
## 14126          24          20           7          1016.5          1013.4          1
## 14127           7          42           4          1016.5          1012.1          1
## 14132          26          51          23          1014.1          1009.1          2
## 14133          22          46          45          1014.1          1013.5          7
## 14134          11          54          43          1015.8          1013.5          7
## 14138          17          45          22          1016.1          1011.1          3
## 14139          26          51          33          1012.7          1010.0          7
```

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## 14140           11          43          24          1013.8      1010.1      2
## 14141            7          42          23          1015.9      1010.8      2
## 14146           20          76          22          1008.4      1007.7      7
## 14147           17          63          38          1012.7      1008.8      2
## 14148            6          59          25          1012.4      1007.9      1
## 14152            9          49          21          1011.9      1008.2      1
## 14153           20          56          13          1010.5      1007.0      0
## 14154           28          50          10          1007.8      1001.3      1
## 14155            6          40          10          1005.3      1002.6      1
## 14160           17          55          27          1016.6      1011.9      1
## 14161           15          56          34          1016.8      1013.3      7
## 14162            7          66          27          1012.8      1009.7      2
## 14166           15          93          94          1014.9      1011.7      8
## 14167           11          86          39          1010.1      1006.6      7
## 14168           33          70          13          1009.9      1006.3      3
## 14169           19          23          11          1010.7      1008.3      0
## 14174           13          67          46          1015.9      1013.6      8
## 14175           13          54          32          1017.4      1015.3      1
## 14176            6          50          29          1018.1      1014.0      1
## 14180           17          56          37          1011.2      1007.6      7
## 14181           19          89          54          1010.0      1007.3      7
## 14182           26          69          64          1008.5      1005.3      7
## 14183           17          83          68          1003.9      1001.6      7
## 14188            6          29          13          1008.4      1005.6      2
## 14189           26          52          26          1009.0      1003.6      1
## 14190           20          71          71          1007.2      1005.5      7
## 14194           19          60          25          1005.7      1002.3      1
## 14195           11          57          31          1006.1      1001.7      4
## 14196           24          65          45          1007.5      1002.5      7
## 14202           20          58          22          1008.7      1006.5      1
## 14203           17          64          45          1014.7      1012.7      7
## 14204           19          54          21          1013.1      1009.8      1
## 14210           15          48          26          1021.1      1017.6      1
## 14211           13          52          29          1020.4      1016.4      1
## 14216            9          64          33          1016.4      1012.5      1
## 14217           17          53          27          1016.7      1013.2      5
## 14218            7          50          26          1016.5      1012.7      1
## 14222            6          54          29          1011.9      1009.2      1
## 14223           13          55          27          1012.5      1008.7      0
## 14224            7          58          30          1012.2      1008.1      1
## 14225            7          54          29          1012.7      1008.3      1
## 14230           11          58          30          1012.5      1009.5      1
## 14231           20          65          33          1015.3      1011.8      0
## 14232           30          53          25          1013.5      1009.1      1
## 14236            6          71          29          1011.8      1009.0      7
## 14237           19          59          18          1011.2      1008.1      0
## 14238           13          61          28          1013.7      1011.0      4
## 14239           15          88          50          1015.7      1013.8      7
## 14244            6          50          21          1013.5      1010.3      1
## 14245           19          56          34          1014.3      1009.7      1
## 14246           26          75          35          1011.2      1007.3      6
## 14250           15          75          51          1019.1      1015.5      6
## 14251           17          72          43          1017.3      1013.0      1
## 14265           31          79          45          1010.3      1004.6      4
```

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## 14266         28         55         33         1011.9         1011.9         1
## 14267         22         66         54         1020.5         1018.8         3
## 14271         22         70         33         1019.4         1015.5         5
## 14272         15         56         30         1020.0         1016.5         1
## 14273          9         60         35         1021.9         1019.0         6
## 14274          6         67         39         1025.7         1021.9         7
## 14279         19         79         52         1021.6         1018.2         5
## 14280         11         85         90         1019.4         1016.9         7
## 14281         17         82         56         1016.7         1013.1         1
## 14285         33         68         40         1016.1         1014.9         7
## 14286         22         57         32         1020.9         1018.0         1
## 14288         13         53         28         1026.1         1022.2         2
## 14293         15         83         51         1015.9         1012.5         1
## 14294         20         82         26         1013.6         1010.6         1
## 14295         28         56         28         1017.5         1016.3         0
## 14300         26         54         32         1018.9         1016.4         1
## 14314          6         69         37         1032.1         1028.6         7
## 14316          9         80         43         1026.0         1022.2         3
## 14320         13         95         90         1017.4         1016.0         7
## 14321         28         96         58         1021.1         1019.3         7
## 14322         24         79         39         1025.4         1021.9         0
## 14323         17         73         34         1023.7         1021.3         7
## 14327          9         72         37         1030.2         1026.5         1
## 14328         11         69         33         1028.1         1024.4         3
## 14329         17         76         47         1026.2         1023.3         7
## 14330         13         67         35         1027.4         1025.3         1
## 14335         24         65         52         1025.0         1021.4         7
## 14336         13         86         92         1021.9         1018.4         8
## 14337         24         94         74         1016.6         1013.7         8
## 14341         11         78         41         1027.0         1024.6         0
## 14342         11         72         46         1028.6         1026.1         0
## 14343         19         71         47         1028.0         1024.8         7
## 14344         20         76         54         1024.3         1020.4         7
## 14349          2         71         56         1031.6         1027.8         1
## 14350         15         76         75         1028.5         1025.3         7
## 14351         24         98         71         1026.6         1024.3         8
## 14355          9         73         48         1023.2         1019.7         4
## 14358         15         72         40         1025.5         1023.5         0
## 14363         31         80         69         1016.0         1014.7         8
## 14364         24         84         51         1019.6         1017.3         7
## 14365         17         75         54         1020.3         1016.9         7
## 14369          9         72         43         1030.3         1027.2         0
## 14370         15         74         34         1031.3         1028.0         1
## 14371         17         70         46         1030.8         1028.0         1
## 14372         20         76         63         1028.2         1024.7         7
## 14377         28         74         49         1029.0         1027.5         6
## 14378         20         79         44         1033.8         1030.3         0
## 14379          7         68         42         1033.9         1029.4         0
## 14383         22         64         39         1021.1         1016.7         3
## 14384         28         81         39         1020.2         1019.1         1
## 14385         35         75         43         1023.6         1020.5         1
## 14386         26         70         44         1021.1         1017.2         2
## 14391          2         69         30         1021.2         1017.5         0
## 14392         20         59         31         1017.7         1014.2         2
```

## 14398	20	62	37	1021.6	1017.4	1
## 14399	15	65	36	1022.5	1020.1	1
## 14400	7	59	29	1025.9	1023.0	1
## 14405	13	83	77	1017.5	1013.8	7
## 14406	17	80	59	1020.8	1019.4	7
## 14411	28	59	35	1021.1	1017.7	0
## 14412	20	76	39	1019.3	1015.7	1
## 14413	17	66	32	1019.2	1015.7	0
## 14414	22	55	32	1018.2	1012.0	7
## 14420	30	46	25	1022.5	1020.2	0
## 14421	26	60	35	1025.5	1022.6	1
## 14425	7	58	31	1028.5	1023.7	0
## 14426	17	61	31	1026.6	1021.3	1
## 14427	24	57	27	1020.9	1015.7	1
## 14428	20	62	27	1017.3	1013.1	6
## 14434	35	51	23	1018.8	1017.1	3
## 14435	31	47	27	1022.2	1019.9	3
## 14440	9	54	22	1020.7	1016.2	0
## 14441	22	45	13	1020.5	1016.2	1
## 14442	13	55	15	1022.6	1018.4	1
## 14453	9	56	28	1025.3	1020.5	1
## 14454	13	43	20	1021.5	1017.2	6
## 14455	11	43	18	1018.8	1015.4	3
## 14456	11	48	22	1023.1	1019.5	1
## 14467	17	60	34	1022.3	1017.7	7
## 14468	17	62	28	1020.1	1013.9	5
## 14469	11	79	32	1019.0	1015.0	1
## 14470	26	72	49	1019.9	1016.4	6
## 14476	17	56	19	1013.4	1010.8	1
## 14477	39	74	55	1013.9	1010.9	7
## 14481	7	38	26	1013.3	1009.6	2
## 14482	7	64	38	1017.2	1013.0	7
## 14483	15	54	29	1015.6	1011.3	1
## 14484	11	55	30	1016.1	1013.9	2
## 14490	7	53	29	1018.8	1015.2	3
## 14491	13	57	20	1019.1	1015.2	0
## 14495	20	54	27	1014.4	1010.2	1
## 14496	39	53	14	1012.4	1009.4	1
## 14497	17	21	10	1014.6	1011.0	0
## 14498	17	59	20	1014.0	1009.1	0
## 14503	13	22	10	1011.5	1008.5	0
## 14504	33	53	28	1012.7	1008.7	7
## 14505	17	82	47	1015.1	1012.9	7
## 14509	13	52	22	1018.6	1014.2	1
## 14510	22	50	15	1019.1	1015.0	1
## 14511	28	51	20	1019.1	1014.7	5
## 14512	9	70	34	1017.7	1014.7	7
## 14517	9	48	23	1017.0	1012.4	6
## 14518	20	46	20	1014.1	1009.4	2
## 14519	17	81	36	1015.0	1011.2	7
## 14523	17	46	25	1017.3	1012.8	3
## 14524	11	59	27	1017.5	1013.3	1
## 14525	20	55	30	1016.3	1011.8	4
## 14526	26	57	48	1013.0	1008.9	3

```
## 14531      11      37      30      1016.9      1013.6      1
## 14532       9      41      21      1018.2      1014.5      0
## 14533      17      42      19      1017.1      1013.0      2
## 14537      17      92      91      1010.1      1010.3      8
## 14538      11      77      54      1012.4      1009.5      8
## 14539      17      78      71      1010.3      1006.6      7
## 14540      28      78      44      1008.6      1007.0      5
## 14545      15      59      29      1016.1      1012.0      1
## 14546      11      43      22      1014.4      1011.5      1
## 14547      19      37      23      1016.5      1013.6      1
## 14551       9      51      28      1020.6      1016.9      1
## 14552      11      50      26      1018.6      1014.8      1
## 14553       9      54      22      1018.7      1014.2      1
## 14554      20      49      16      1016.1      1012.4      1
## 14559      15      56      33      1010.9      1006.4      4
## 14565      20      38      21      1008.1      1005.6      0
## 14566      30      42      20      1006.8      1003.7      3
## 14567      24      39      28      1004.8      1003.4      2
## 14568      19      82      85      1003.6      1001.6      8
## 14573      13      54      30      1015.7      1012.4      1
## 14574       9      47      25      1016.9      1013.3      0
## 14575       7      47      25      1014.9      1011.1      0
## 14579      19      62      20      1010.4      1006.1      0
## 14580      15      28      12      1009.6      1006.4      1
## 14581      30      37      13      1007.5      1005.0      1
## 14582      19      36      18      1008.5      1006.0      1
## 14587      17      49      22      1023.1      1018.2      0
## 14588      11      50      18      1019.9      1015.5      0
## 14589       9      56      23      1017.4      1013.3      0
## 14593      15      51      22      1015.1      1011.2      1
## 14594      11      49      19      1016.8      1013.1      1
## 14595      11      49      25      1018.5      1015.2      1
## 14596      11      52      26      1020.3      1016.3      3
## 14601      15      57      29      1020.4      1016.4      1
## 14602      22      54      22      1020.8      1016.6      2
## 14603      22      58      30      1021.3      1016.7      1
## 14607       7      50      23      1018.6      1014.1      1
## 14608      11      64      31      1016.4      1011.3      1
## 14617       9      58      23      1016.9      1014.5      1
## 14623      22      62      28      1017.6      1014.2      2
## 14624      15      75      62      1017.6      1014.9      7
## 14629       7      49      27      1020.1      1014.8      2
## 14635      15      60      64      1020.0      1016.3      1
## 14636       7      78      53      1019.5      1016.4      7
## 14637       9      74      19      1019.6      1016.0      1
## 14638      11      56      28      1023.5      1020.0      1
## 14643      11      54      37      1020.1      1015.7      7
## 14644      11      62      25      1020.5      1017.1      7
## 14645       9      57      23      1022.4      1018.4      1
## 14649      24      47      28      1024.6      1020.8      1
## 14650      15      45      29      1027.4      1023.2      1
## 14651      11      46      30      1026.8      1022.1      1
## 21120      19      84      71      1014.5      1013.6      3
## 21121       6      79      77      1016.3      1015.5      2
```

## 21122	19	87	90	1014.6	1014.3	7
## 21123	22	92	95	1016.0	1015.3	8
## 21124	28	86	86	1015.3	1013.7	7
## 21125	24	84	79	1014.5	1012.7	5
## 21126	31	86	79	1014.1	1013.0	6
## 21127	28	82	82	1011.5	1009.4	6
## 21128	33	92	95	1003.9	1000.4	8
## 21129	33	77	64	1001.7	1001.2	7
## 21130	28	83	82	1006.4	1006.9	7
## 21131	22	78	78	1011.2	1010.5	5
## 21132	20	77	77	1011.4	1010.4	7
## 21133	22	74	55	1013.2	1012.4	4
## 21134	24	64	69	1015.3	1015.0	1
## 21135	15	63	61	1016.9	1016.2	1
## 21136	13	65	62	1015.0	1013.4	1
## 21137	24	84	66	1014.6	1014.8	8
## 21138	19	58	60	1018.7	1018.0	2
## 21139	19	60	62	1021.7	1021.4	2
## 21140	30	60	68	1022.9	1021.8	1
## 21141	26	78	71	1022.6	1020.5	2
## 21142	30	76	72	1020.8	1018.5	7
## 21143	31	83	72	1018.3	1016.7	4
## 21144	28	74	75	1018.1	1018.3	3
## 21145	26	73	67	1018.4	1016.9	4
## 21146	22	68	65	1015.9	1015.0	3
## 21147	15	76	71	1016.4	1016.1	3
## 21148	22	70	66	1019.0	1018.4	2
## 21149	26	64	63	1019.5	1018.3	1
## 21150	26	74	70	1019.3	1017.6	4
## 21151	22	86	72	1015.7	1014.3	8
## 21152	22	79	75	1014.4	1013.1	8
## 21153	20	69	73	1013.6	1011.6	6
## 21154	17	81	84	1011.5	1009.9	7
## 21155	22	95	95	1008.7	1006.1	8
## 21156	39	92	96	1000.6	998.8	8
## 21157	26	98	90	1003.1	1005.4	8
## 21158	26	87	80	1012.1	1012.6	4
## 21159	22	90	94	1014.2	1012.5	7
## 21160	20	85	80	1013.6	1012.3	3
## 21161	17	87	86	1012.9	1010.9	7
## 21162	24	87	87	1008.8	1008.3	4
## 21163	22	80	74	1014.5	1015.2	7
## 21164	22	63	61	1017.2	1016.3	7
## 21165	28	69	74	1014.5	1012.4	7
## 21166	15	96	79	1011.5	1010.8	8
## 21167	9	87	83	1014.8	1014.3	6
## 21168	28	90	85	1017.6	1015.9	7
## 21169	28	86	79	1015.9	1013.9	7
## 21170	24	91	88	1013.6	1011.8	8
## 21172	19	76	72	1013.5	1012.9	3
## 21173	22	81	70	1014.4	1014.7	7
## 21174	24	67	58	1018.0	1017.2	2
## 21175	30	52	55	1018.5	1016.7	1
## 21176	28	84	84	1014.0	1010.4	7

```
## 21178          13          76          66          1008.9          1009.0          2
## 21179          20          67          61          1013.3          1012.6          1
## 21180          17          79          69          1016.6          1015.7          7
## 21181          22          68          71          1018.9          1017.7          6
## 21182          24          73          73          1016.2          1012.2          8
## 21183          20          82          66          1008.6          1009.3          2
## 21184          13          77          70          1012.6          1011.6          1
## 21185          24          83          74          1013.4          1011.7          2
## 21186          20          66          58          1014.9          1014.4          1
## 21187          20          59          60          1017.7          1016.2          1
## 21188          22          63          60          1018.8          1017.2          2
## 21189          22          69          58          1018.6          1016.8          7
## 21190          20          60          61          1019.2          1018.3          2
## 21191          20          67          63          1019.2          1017.7          5
## 21192          24          75          70          1018.1          1016.2          8
## 21193          22          73          59          1016.9          1015.0          5
## 21194          30          73          74          1015.5          1014.2          2
## 21195          17          79          76          1014.6          1013.3          2
## 21196          15          81          75          1015.7          1014.2          6
## 21197          24          79          71          1016.1          1014.2          3
## 21198          17          83          92          1015.3          1014.2          7
## 21199          28          75          69          1013.8          1011.1          7
## 21200          30          74          74          1009.5          1007.0          7
## 21201          26          70          61          1011.6          1011.7          7
## 21202          19          63          63          1016.4          1015.0          7
## 21203          30          77          92          1018.4          1017.6          8
## 21204          28          78          70          1018.9          1016.7          4
## 21205          20          64          87          1016.2          1014.0          2
## 21206          33          82          77          1015.5          1014.6          7
## 21207          35          81          74          1017.5          1016.0          6
## 21208          37          81          76          1017.8          1015.2          7
## 21209          31          60          66          1017.2          1015.8          2
## 21210          30          75          70          1018.2          1017.6          5
## 21211          37          59          85          1021.8          1021.4          1
## 21212          37          65          53          1024.4          1022.4          4
## 21213          31          57          75          1022.8          1020.5          3
## 21214          28          57          55          1020.8          1018.0          4
## 21215          28          65          62          1019.1          1016.6          2
## 21216           6          68          63          1018.2          1016.3          5
## 21217          17          94          64          1016.7          1014.9          8
## 21218          20          77          63          1018.7          1018.2          4
## 21219          20          75          52          1024.4          1023.2          4
## 21220          22          52          49          1028.4          1026.3          7
## 21221          30          52          62          1027.3          1024.9          7
## 21222          24          78          75          1025.9          1023.1          7
## 21223          31          64          61          1024.9          1022.7          6
## 21224          35          76          70          1021.0          1017.9          7
## 21225          33          65          78          1014.6          1011.1          8
## 21226          22          82          91          1009.8          1007.9          7
## 21227          24          93          92          1008.0          1005.9          8
## 21228          24          89          75          1003.4          1001.7          7
## 21229          15          76          79          1005.4          1004.6          1
## 21230          17          89          83          1010.7          1009.1          6
## 21231          28          79          63          1011.5          1008.2          5
```

```
## 21232          22          78          73          1006.2          1005.9          1
## 21233          22          75          60          1011.6          1011.1          2
## 21234          22          59          54          1015.0          1014.0          1
## 21235           9          66          54          1018.2          1016.3          1
## 21236          15          60          58          1019.3          1017.4          1
## 21238           9          82          79          1018.2          1016.0          1
## 21239          13          67          65          1017.4          1015.0          6
## 21240          20          84          70          1014.7          1011.9          8
## 21241          26          68          55          1017.2          1016.2          5
## 21242          20          54          49          1019.7          1017.5          1
## 21243          22          58          55          1019.2          1018.2          2
## 21244          20          60          54          1021.1          1018.8          5
## 21245          22          64          68          1020.2          1017.9          6
## 21246          19          70          58          1020.2          1017.9          4
## 21247          37          59          60          1014.8          1010.4          4
## 21248          22          48          64          1012.6          1010.6          5
## 21249          30          68          70          1008.1          1006.4          2
## 21250          43          62          60          1010.2          1008.4          5
## 21251          28          58          55          1012.9          1011.1          2
## 21252          19          72          59          1013.5          1012.4          1
## 21253          19          61          57          1015.7          1014.3          2
## 21254          13          71          62          1018.3          1016.5          7
## 21255          26          72          70          1018.2          1015.0          4
## 21256          19          86          78          1014.6          1012.6          2
## 21257          24          71          57          1015.6          1014.1          6
## 21258          22          54          55          1018.4          1016.6          6
## 21259          22          55          71          1019.6          1017.6          6
## 21260          28          56          51          1021.8          1020.3          7
## 21261          28          65          65          1022.2          1019.8          8
## 21262          30          67          66          1018.0          1014.3          8
## 21263          24          63          57          1012.5          1011.5          7
## 21264          20          62          56          1013.5          1011.4          2
## 21265          31          66          59          1012.5          1012.1          3
## 21266          22          69          72          1016.1          1015.3          4
## 21267          13          68          59          1019.8          1018.1          4
## 21269          26          90          67          1016.8          1013.9          5
## 21270          35          54          70          1016.0          1016.7          2
## 21271          26          56          61          1023.2          1023.1          2
## 21272          19          87          72          1028.8          1026.8          6
## 21273          19          64          76          1028.5          1025.3          6
## 21274          20          64          65          1025.3          1021.3          5
## 21275          26          66          65          1021.0          1018.6          4
## 21276          31          72          90          1017.3          1012.6          7
## 21277          20          89          87          1013.3          1009.9          7
## 21278          24          73          71          1012.1          1012.1          1
## 21280          11          87          75          1016.7          1015.4          7
## 21281          13          80          73          1017.6          1015.2          7
## 21282          30          68          60          1015.5          1012.6          3
## 21283          30          54          62          1015.6          1015.2          3
## 21285          15          59          50          1017.9          1015.0          2
## 21286          15          69          75          1015.1          1013.1          3
## 21287          20          80          79          1017.5          1016.1          3
## 21288          22          59          60          1022.3          1021.1          6
## 21289          20          64          59          1025.5          1023.1          6
```

## 21290	26	47	50	1025.8	1023.1	7
## 21291	24	57	50	1026.1	1023.9	7
## 21292	22	71	55	1026.6	1025.1	6
## 21293	20	51	54	1027.6	1025.4	2
## 21294	26	59	59	1026.1	1023.3	8
## 21295	19	58	73	1023.2	1020.2	8
## 21296	24	88	93	1018.1	1015.1	8
## 21297	24	91	90	1012.8	1008.2	8
## 21298	41	62	70	999.2	996.1	7
## 21299	17	77	95	1003.4	1004.8	5
## 21300	17	76	65	1014.5	1013.3	4
## 21302	24	69	68	1015.3	1011.1	5
## 21303	28	86	68	1004.9	1002.2	8
## 21304	48	89	59	1002.5	1001.6	7
## 21305	43	81	63	1009.5	1008.3	4
## 21306	20	65	58	1015.7	1016.3	2
## 21307	7	68	68	1021.1	1020.1	7
## 21309	22	90	85	1019.3	1017.4	8
## 21310	35	96	94	1012.8	1004.5	8
## 21311	28	95	96	980.5	979.0	8
## 21312	35	74	68	1001.7	1004.8	7
## 21313	15	60	66	1014.3	1013.4	7
## 21314	20	53	54	1016.0	1013.8	7
## 21315	24	74	68	1015.3	1013.2	2
## 21316	13	81	90	1015.2	1012.4	8
## 21317	24	73	64	1008.6	1004.6	7
## 21318	26	62	55	1013.2	1014.3	3
## 21319	15	51	48	1022.7	1021.7	2
## 21320	20	62	50	1025.4	1023.5	3
## 21321	11	69	62	1027.5	1024.3	1
## 21322	22	60	48	1024.7	1022.2	7
## 21323	30	54	64	1021.4	1017.6	7
## 21324	17	83	84	1014.5	1013.7	7
## 21325	22	51	44	1018.9	1018.3	1
## 21326	15	53	55	1022.4	1020.8	1
## 21327	9	58	59	1021.3	1019.2	6
## 21328	24	78	86	1017.1	1015.3	1
## 21330	17	63	61	1022.4	1020.5	2
## 21331	17	75	58	1023.2	1020.8	2
## 21332	11	70	61	1022.0	1019.6	1
## 21333	19	75	66	1023.5	1022.0	1
## 21334	22	54	52	1024.0	1022.0	7
## 21335	22	67	57	1021.7	1019.5	6
## 21336	22	83	85	1022.5	1020.6	8
## 21337	30	87	95	1021.2	1019.3	8
## 21338	33	93	89	1019.1	1015.9	8
## 21339	39	82	80	1015.5	1013.2	7
## 21340	24	91	91	1010.8	1010.2	5
## 21341	17	79	67	1017.9	1017.2	7
## 21342	9	82	76	1021.5	1020.2	2
## 21343	17	76	66	1021.4	1018.3	1
## 21344	28	75	72	1017.2	1014.6	6
## 21345	22	72	71	1015.9	1013.2	6
## 21346	26	74	63	1012.7	1011.8	2

```
## 21347          28        70        57        1016.7    1015.6    2
## 21348          24        55        62        1019.3    1018.2    1
## 21349          19        63        67        1018.8    1014.6    6
## 21350          52        80        84        1010.0    1007.2    7
## 21351          30        63        59        1015.1    1013.4    3
## 21352          19        84        70        1017.6    1015.7    6
## 21353          15        86        69        1018.6    1016.8    7
## 21354          30        90        78        1014.7    1013.3    8
## 21355          15        60        62        1019.3    1017.7    2
## 21356          19        74        71        1020.2    1017.7    5
## 21357          30        85        83        1019.2    1018.5    5
## 21358          17        94        86        1023.1    1021.3    8
## 21359          13        89        89        1022.4    1019.1    6
## 21360          19        84        78        1018.5    1016.1    2
## 21361          20        89        87        1017.0    1014.1    4
## 21362          17        80        66        1016.5    1016.3    7
## 21363           9        90        79        1017.9    1015.2    7
## 21364          22        67        64        1021.0    1019.6    3
## 21365          26        60        60        1023.8    1022.6    2
## 21366          22        59        52        1025.5    1023.0    4
## 21367          19        62        65        1023.4    1020.2    7
## 21368          26        46        63        1023.8    1021.2    5
## 21369          19        62        60        1023.2    1021.7    7
## 21370          31        62        67        1024.0    1021.9    2
## 21371          35        80        82        1023.2    1020.9    6
## 21372          26        89        87        1021.8    1020.5    7
## 21373          28        96        95        1018.8    1013.6    8
## 21374          35        74        67        1015.2    1014.4    6
## 21375          35        85        92        1015.6    1014.3    7
## 21376          28        82        75        1019.5    1017.0    7
## 21377          28        75        64        1020.5    1017.9    7
## 21378          22        89        72        1020.8    1018.8    7
## 21379          24        62        68        1023.7    1021.7    8
## 21380          13        57        59        1024.6    1021.8    7
## 21381          13        57        58        1022.2    1018.9    8
## 21382          30        72        77        1017.6    1014.5    7
## 21383          19        82        76        1016.7    1014.7    6
## 21384           9        83        76        1018.2    1016.3    6
## 21385          24        82        81        1017.2    1014.1    1
## 21387          31        72        60        1014.1    1013.4    1
## 21388          22        63        63        1017.3    1014.8    1
## 21389          20        63        62        1014.1    1011.0    4
## 21390          17        81        62        1009.4    1007.6    7
## 21391          28        69        70        1010.3    1009.2    8
## 21392          31        64        78        1015.3    1014.2    1
## 21393          24        52        51        1019.5    1017.9    2
## 21394          17        59        55        1021.3    1017.9    4
## 21395          17        57        63        1019.1    1015.6    8
## 21396          22        83        93        1013.9    1011.3    4
## 21397          22        55        49        1016.9    1015.7    3
## 21398          17        46        51        1020.4    1018.9    7
## 21399          30        55        52        1022.1    1019.7    7
## 21400          35        65        76        1016.1    1011.1    3
## 21401          43        70        60        1007.2    1006.5    5
```

## 21402	39	52	55	1013.2	1012.9	3
## 21404	19	76	48	1018.0	1015.4	6
## 21405	19	62	59	1018.4	1016.2	2
## 21406	24	67	68	1018.1	1015.2	1
## 21407	22	81	79	1015.3	1014.2	6
## 21408	13	83	76	1017.5	1014.7	4
## 21409	28	89	92	1015.0	1013.2	7
## 21410	28	60	55	1017.0	1015.6	1
## 21411	28	56	56	1019.3	1018.2	2
## 21412	20	62	53	1021.2	1019.9	5
## 21413	20	59	60	1024.9	1023.8	2
## 21414	17	48	49	1025.0	1023.2	7
## 21415	20	59	55	1023.3	1021.0	5
## 21416	15	57	63	1021.8	1019.4	3
## 21417	15	60	59	1019.2	1017.3	1
## 21418	22	66	69	1019.3	1018.0	1
## 21419	26	63	58	1019.7	1018.9	3
## 21420	28	41	55	1020.3	1019.0	1
## 21421	24	71	69	1020.5	1018.8	7
## 21422	19	56	52	1021.3	1019.8	7
## 21423	20	50	54	1022.8	1021.3	5
## 21424	24	55	65	1022.6	1020.5	5
## 21425	15	58	55	1021.2	1018.7	3
## 21426	24	63	57	1018.9	1017.5	2
## 21427	19	71	64	1019.9	1019.1	1
## 21428	9	60	61	1021.2	1020.2	0
## 21429	13	72	68	1024.5	1024.2	2
## 21430	20	94	80	1027.4	1026.5	8
## 21431	24	59	61	1027.4	1025.1	8
## 21432	22	52	58	1023.1	1020.4	7
## 21433	22	45	56	1020.3	1018.3	6
## 21434	24	63	55	1019.7	1018.2	7
## 21435	17	64	70	1019.2	1016.8	2
## 21436	20	64	51	1018.1	1017.0	2
## 21437	13	58	59	1019.2	1017.8	1
## 21438	19	58	59	1016.7	1015.4	1
## 21439	22	68	60	1015.6	1013.7	1
## 21440	17	66	67	1014.1	1011.7	4
## 21441	22	86	78	1011.9	1010.7	7
## 21442	24	61	63	1016.2	1015.5	7
## 21443	19	62	61	1019.8	1018.4	7
## 21444	15	65	60	1020.9	1019.1	7
## 21445	13	62	61	1021.7	1021.3	5
## 21446	17	66	67	1022.8	1021.3	7
## 21447	28	75	71	1023.1	1022.2	7
## 21448	24	82	70	1021.1	1019.1	7
## 21449	24	66	60	1019.6	1018.1	1
## 21450	22	62	62	1018.6	1016.3	1
## 21451	20	66	63	1015.5	1013.8	4
## 21452	15	68	60	1015.5	1013.5	4
## 21453	26	79	95	1014.3	1012.1	6
## 21454	15	79	74	1014.5	1013.9	2
## 21455	22	88	90	1015.4	1015.3	7
## 21456	15	76	65	1015.2	1014.6	7

## 21457	22	70	54	1017.7	1017.1	5
## 21458	19	48	45	1019.8	1018.4	2
## 21459	13	53	54	1020.0	1018.7	7
## 21460	13	49	57	1020.4	1019.2	1
## 21461	13	62	57	1019.3	1017.8	1
## 21462	17	56	57	1018.5	1017.1	3
## 21463	17	67	58	1018.8	1017.1	3
## 21466	11	68	55	1016.2	1015.2	3
## 21467	15	85	68	1016.5	1015.3	7
## 21468	26	64	54	1016.7	1016.4	1
## 21469	28	44	42	1020.3	1020.2	1
## 21470	24	53	54	1024.1	1023.2	7
## 21471	22	51	52	1023.5	1022.0	1
## 21472	7	58	42	1020.8	1018.9	1
## 21473	22	49	60	1018.1	1016.3	5
## 21474	17	71	74	1016.7	1016.4	7
## 21475	31	68	68	1018.7	1018.3	5
## 21476	30	68	63	1020.2	1019.4	7
## 21477	22	65	60	1020.3	1019.2	3
## 21478	28	74	67	1022.0	1020.2	6
## 21479	31	63	56	1023.0	1021.2	6
## 21480	22	67	66	1023.5	1021.7	7
## 21481	24	65	62	1022.2	1021.1	3
## 21482	22	62	66	1021.8	1020.4	3
## 21483	15	62	62	1020.6	1018.9	3
## 21484	24	82	76	1019.9	1019.6	7
## 21485	31	53	55	1021.5	1019.6	1
## 21486	22	77	73	1019.2	1017.6	6
## 21487	19	73	70	1016.9	1015.4	4
## 21488	9	70	65	1015.4	1015.0	2
## 21489	28	85	79	1017.8	1017.1	8
## 21490	30	82	68	1018.7	1017.6	7
## 21491	19	68	65	1017.2	1016.4	6
## 21492	20	60	59	1018.2	1017.0	2
## 21493	26	60	61	1019.2	1017.8	2
## 21494	17	66	62	1017.2	1014.7	6
## 21495	19	71	95	1011.9	1010.7	5
## 21496	20	51	45	1014.0	1013.2	2
## 21497	19	47	47	1017.0	1016.0	5
## 21498	24	62	57	1016.7	1014.5	6
## 21499	24	62	63	1014.0	1012.3	4
## 21500	22	62	54	1011.7	1010.9	5
## 21501	4	59	59	1011.8	1010.6	7
## 21502	20	61	70	1012.5	1011.1	6
## 21503	31	76	76	1012.3	1010.1	6
## 21504	26	85	62	1006.2	1006.3	1
## 21505	31	62	64	1009.6	1009.0	1
## 21506	24	64	60	1012.9	1012.2	6
## 21507	24	81	59	1013.2	1011.8	7
## 21508	19	51	49	1015.2	1014.6	1
## 21509	13	56	59	1016.5	1015.0	1
## 21510	6	62	66	1015.5	1014.2	3
## 21511	15	67	58	1015.0	1013.9	5
## 21512	24	66	58	1013.3	1011.8	4

```
## 21513          24        77        73       1012.5      1011.0       6
## 21514          28        79        67       1013.1      1012.4       7
## 21515          28        67        59       1013.3      1011.4       3
## 21516          20        64        56       1009.3      1007.8       3
## 21517          22        73        73       1008.8      1007.0       5
## 21518          37        85        76       1012.0      1012.1       6
## 21519          41        79        65       1017.1      1015.4       6
## 21520          37        73        65       1017.2      1016.1       7
## 21521          31        70        62       1019.7      1017.9       7
## 21522          33        79        71       1020.3      1019.1       7
## 21523          28        65        65       1020.7      1019.4       2
## 21524          28        70        63       1020.8      1019.1       5
## 21525          22        61        61       1019.4      1017.9       7
## 21526          24        67        65       1018.4      1017.4       4
## 21527          26        64        63       1018.6      1017.0       1
## 21528          17        72        61       1019.1      1017.2       2
## 21530          19        68        62       1018.0      1016.6       5
## 21531          17        62        52       1016.3      1014.1       7
## 21532          20        61        56       1012.9      1011.2       6
## 21533          22        70        78       1009.6      1007.9       7
## 21534          31        76        53       1014.1      1015.2       7
## 21535          26        65        52       1020.5      1019.3       7
## 21536          30        91        64       1022.1      1021.3       8
## 21538          20        65        60       1019.1      1016.6       7
## 21539          13        74        91       1015.9      1015.0       7
## 21540          19        83        72       1016.9      1016.8       6
## 21541          26        87        82       1020.5      1019.8       7
## 21542          26        64        62       1021.7      1020.1       3
## 21543          22        57        64       1019.9      1017.5       1
## 21544          20        70        71       1015.6      1013.0       4
## 21545          24        78        76       1010.6      1008.7       8
## 21546          19        68        70       1010.6      1009.7       4
## 21547          24        74        56       1012.9      1012.0       7
## 21548          24        61        50       1014.1      1012.4       7
## 21549          24        58        51       1014.2      1012.7       7
## 21550          28        71        65       1015.2      1014.0       5
## 21551          20        61        49       1017.6      1016.0       6
## 21552          24        53        54       1017.7      1016.6       3
## 21553          19        54        52       1018.6      1017.6       1
## 21554          22        59        54       1019.8      1019.1       5
## 21555          28        88        63       1021.4      1020.9       7
## 21556          28        58        53       1023.1      1022.2       7
## 21557          28        60        60       1022.8      1021.5       7
## 21558          20        80        55       1021.4      1018.8       5
## 21559          19        86        65       1018.0      1015.3       6
## 21560          22        62        57       1017.1      1016.4       1
## 21561          24        65        56       1021.7      1021.5       4
## 21562          30        58        52       1024.6      1023.6       7
## 21563          28        49        46       1025.5      1023.6       7
## 21564          24        48        47       1024.4      1021.5       6
## 21565          22        66        61       1020.5      1018.7       4
## 21566          15        72        65       1018.6      1017.0       7
## 21567          13        73        68       1017.8      1015.7       6
## 21568          19        68        62       1019.6      1018.9       2
```

## 21569	19	72	61	1022.9	1021.0	7
## 21570	24	74	56	1022.6	1020.7	7
## 21571	20	75	65	1021.7	1018.9	7
## 21572	28	77	62	1022.7	1021.0	7
## 21573	30	65	65	1022.9	1021.3	7
## 21574	33	68	64	1021.7	1020.0	2
## 21575	31	66	57	1021.6	1019.0	3
## 21576	33	71	66	1018.7	1015.8	6
## 21577	22	72	67	1014.7	1011.7	5
## 21578	20	70	59	1011.5	1009.0	2
## 21579	19	72	93	1010.4	1009.4	3
## 21580	31	61	61	1015.4	1015.4	3
## 21581	20	65	52	1020.8	1019.6	6
## 21582	15	49	53	1021.5	1018.0	2
## 21583	30	58	64	1015.5	1012.1	5
## 21584	20	78	70	1013.2	1012.0	7
## 21585	33	73	68	1015.8	1014.6	3
## 21586	30	78	70	1017.2	1015.6	7
## 21587	13	83	78	1014.8	1012.1	7
## 21588	15	73	73	1015.1	1014.5	7
## 21589	17	70	63	1016.9	1015.1	7
## 21590	24	64	63	1020.7	1020.1	3
## 21591	28	64	66	1023.8	1022.3	2
## 21592	24	54	58	1023.7	1021.9	1
## 21593	19	65	54	1022.2	1019.8	3
## 21594	17	58	59	1021.8	1019.9	2
## 21595	17	74	67	1022.9	1021.3	7
## 21596	20	71	58	1024.0	1021.8	6
## 21597	11	67	72	1023.0	1020.1	7
## 21598	26	70	67	1021.6	1019.1	6
## 21599	26	57	71	1021.1	1018.6	6
## 21600	24	93	90	1018.6	1015.4	8
## 21601	17	75	67	1019.3	1018.9	1
## 21602	15	75	75	1022.7	1020.8	7
## 21603	15	85	76	1021.5	1018.9	7
## 21604	13	81	76	1020.8	1018.7	7
## 21605	19	71	78	1021.7	1020.5	3
## 21606	17	54	54	1025.6	1023.6	6
## 21607	20	77	61	1026.9	1024.4	7
## 21608	28	67	65	1026.1	1023.8	7
## 21609	30	64	57	1024.6	1022.1	1
## 21610	26	81	75	1021.3	1017.6	8
## 21611	33	74	93	1009.9	1004.5	8
## 21612	43	55	72	1006.5	1003.5	1
## 21613	39	82	77	1005.1	1003.8	5
## 21614	44	81	83	1007.7	1005.6	7
## 21615	24	89	79	1007.8	1006.4	7
## 21616	26	80	68	1009.7	1008.8	4
## 21617	15	67	81	1012.3	1010.2	3
## 21618	24	52	79	1011.7	1008.7	1
## 21619	33	90	56	1009.2	1006.9	6
## 21620	22	77	67	1009.2	1008.0	4
## 21621	15	66	67	1011.7	1009.9	1
## 21622	19	58	54	1014.3	1013.1	1

```
## 21623          26          71          80          1015.7          1011.9          7
## 21624          26          81          63          1014.5          1014.4          6
## 21625          13          63          65          1020.0          1018.5          6
## 21626          22          74          69          1020.6          1017.1          7
## 21628          24          74          69          1012.5          1011.1          4
## 21629          17          58          68          1013.6          1011.2          4
## 21630          13          81          74          1012.2          1009.3          7
## 21631          20          88          71          1006.3          1004.8          7
## 21632          24          84          66          1011.1          1012.4          2
## 21633          15          55          47          1020.1          1018.9          6
## 21634          26          66          79          1017.6          1014.7          5
## 21635          17          91          85          1015.9          1013.6          7
## 21636          11          93          75          1015.7          1014.2          7
## 21637          13          76          66          1017.9          1017.0          3
## 21639          26          75          75          1021.1          1019.9          8
## 21640          17          97          82          1008.0          1006.1          8
## 21641          33          79          74          1005.9          1004.9          4
## 21642          30          66          67          1008.7          1007.0          7
## 21643          26          70          67          1014.3          1013.5          6
## 21644          13          73          67          1018.0          1015.8          2
## 21645          28          65          72          1014.5          1010.6          3
## 21646          26          61          56          1014.8          1015.2          4
## 21647          20          65          64          1016.9          1014.0          7
## 21648          26          68          53          1016.5          1017.3          5
## 21649          15          58          60          1024.2          1023.7          2
## 21650          17          66          61          1025.2          1023.1          2
## 21651          19          52          65          1026.5          1025.0          4
## 21652          28          64          78          1024.6          1021.7          7
## 21653          20          87          94          1019.1          1015.3          6
## 21654          15          97          84          1016.3          1015.5          8
## 21656          11          86          94          1026.5          1025.0          8
## 21657          22          96          93          1026.2          1023.5          8
## 21658          26          66          65          1024.4          1022.0          7
## 21659          13          54          59          1023.2          1021.2          2
## 21660          24          59          54          1023.1          1021.8          3
## 21661          20          52          52          1022.0          1020.0          4
## 21662          11          59          50          1020.5          1018.1          1
## 21663          17          84          74          1016.5          1013.7          2
## 21664          17          67          60          1018.7          1017.8          1
## 21665          17          55          55          1022.4          1020.9          6
## 21666          11          67          59          1023.5          1021.5          5
## 21667          17          83          81          1023.2          1021.2          6
## 21668          13          67          65          1023.0          1018.3          7
## 21669          43          64          65          1011.3          1007.6          2
## 21670          39          68          63          1012.1          1012.0          5
## 21671          28          67          65          1016.6          1014.8          7
## 21672          20          53          58          1018.4          1016.4          1
## 21673          24          94          86          1017.4          1015.1          8
## 21674          22          59          54          1020.0          1019.1          3
## 21675          30          66          69          1021.7          1020.2          7
## 21676          28          64          57          1021.2          1019.1          4
## 21677          26          67          73          1021.3          1018.9          2
## 21678          22          63          52          1021.7          1020.0          4
## 21679          15          55          55          1022.8          1019.9          7
```

```
## 21680        17        62        65        1018.0        1013.7        7
## 21681        35        69        61        1012.4        1011.4        6
## 21682        26        65        70        1017.3        1016.2        1
## 21683        20        57        59        1022.5        1021.7        1
## 21684         9        71        83        1025.6        1022.8        6
## 21685        20        81        74        1021.6        1018.3        4
## 21686        15        94        86        1017.0        1015.3        8
## 21687        20        87        77        1018.0        1016.4        7
## 21688        28        63        65        1020.9        1018.8        3
## 21689        22        60        56        1021.6        1020.2        7
## 21690        22        57        83        1023.5        1021.9        1
## 21691        19        48        55        1028.0        1026.8        4
## 21692        13        61        57        1031.3        1028.9        7
## 21693        17        55        57        1030.2        1027.6        1
## 21694        11        62        58        1029.4        1027.7        1
## 21695        20        64        66        1029.4        1027.2        7
## 21696        22        61        63        1029.2        1026.2        2
## 21697        13        76        74        1025.2        1022.2        7
## 21698        20        80        74        1020.0        1016.7        3
## 21699        26        90        74        1014.4        1010.9        8
## 21700        39        59        75        1009.7        1007.1        1
## 21701        13        63        58        1020.4        1020.0        2
## 21702        17        64        85        1021.7        1017.9        7
## 21703        24        93        88        1014.5        1010.8        8
## 21704        31        65        52        1015.8        1014.8        3
## 21705        22        48        50        1024.0        1024.2        1
## 21706        19        54        54        1030.7        1028.8        1
## 21707        19        57        61        1028.3        1025.3        6
## 21708        33        69        84        1021.5        1015.4        8
## 21710        30        84        67        1013.5        1011.7        6
## 21711        22        64        59        1017.7        1016.5        1
## 21712        26        69        74        1016.5        1014.3        2
## 21713        22        94        65        1017.9        1015.9        7
## 21714        28        57        56        1021.6        1019.3        1
## 21715         9        60        57        1022.4        1019.5        1
## 21716        28        64        69        1018.8        1015.3        3
## 21717        17        87        82        1014.9        1013.5        8
## 21718        17        73        60        1018.5        1015.9        6
## 21719        17        56        57        1020.8        1019.2        3
## 21720        13        69        76        1018.7        1013.7        8
## 21721        19        75        69        1010.6        1009.4        7
## 21723        26        83        84        1015.3        1014.2        8
## 21724        17        67        64        1018.9        1017.3        1
## 21725        30        64        46        1018.6        1017.3        7
## 21726        26        62        62        1018.8        1016.3        6
## 21727        17        62        67        1019.0        1018.3        2
## 21728        22        61        55        1023.4        1022.3        6
## 21729        26        48        53        1023.7        1020.1        7
## 21730        31        64        73        1019.9        1017.9        7
## 21731        30        56        53        1029.0        1027.5        5
## 21732        22        58        55        1030.6        1026.3        7
## 21733        20        71        65        1026.0        1021.9        6
## 21734        22        85        81        1022.2        1019.3        7
## 21735        13        93        83        1021.4        1019.0        8
```

```
## 21736           11           69           62           1020.8           1018.8           1
## 21737           19           71           73           1021.0           1018.1           6
## 21738           20           92           93           1015.0           1013.0           8
## 21739           20           74           72           1017.2           1016.1           2
## 21740           15           55           53           1019.9           1018.2           3
## 21741           22           60           59           1019.4           1017.0           2
## 21742           13           76           84           1017.8           1014.3           6
## 21743           33           76           71           1010.3           1011.7           5
## 21744           28           75           75           1016.0           1014.2           7
## 21745           19           63           59           1019.7           1017.8           7
## 21746           19           73           68           1021.5           1020.9           2
## 21747           13           77           93           1022.5           1021.3           1
## 21748           13           80           90           1021.8           1018.7           8
## 21749           31           69           54           1018.7           1019.1           7
## 21750           13           49           54           1023.7           1022.4           7
## 21751           20           54           45           1024.5           1022.2           7
## 21752           22           48           55           1025.5           1023.3           1
## 21753           28           74           77           1024.7           1022.5           7
## 21754           24           92           95           1022.4           1019.2           8
## 21755           17           84           87           1018.7           1016.8           4
## 21756           15           97           88           1017.2           1014.6           8
## 21757           17           81           90           1016.9           1016.0           5
## 21758           30           85           81           1022.4           1021.8           8
## 21759           28           69           69           1027.6           1025.7           8
## 21760           30           62           61           1028.8           1026.8           8
## 21761           30           58           63           1027.7           1024.1           8
## 21762           30           82           60           1025.7           1022.9           7
## 21763           31           72           70           1025.0           1022.6           6
## 21764           30           67           71           1022.9           1020.3           6
## 21765           17           73           69           1019.6           1018.6           3
## 21766           22           66           82           1020.9           1020.5           2
## 21767           30           81           68           1024.9           1024.0           7
## 21768           39           53           51           1029.2           1028.4           7
## 21769           37           50           54           1027.7           1023.5           7
## 21770           30           53           65           1017.7           1014.7           7
## 21771           26           60           61           1015.5           1014.4           7
## 21772            9           71           71           1017.3           1014.9           6
## 21773           20           68           66           1014.9           1011.2           3
## 21774           24           95           55           1010.2           1010.3           8
## 21775           17           56           62           1017.7           1017.6           2
## 21776           13           68           56           1021.4           1019.6           2
## 21777           26           61           61           1021.3           1020.5           6
## 21778           19           52           56           1023.9           1021.4           6
## 21779           15           49           53           1023.7           1022.3           7
## 21780           20           68           66           1023.5           1021.5           7
## 21781           20           80           71           1022.8           1021.2           7
## 21782           39           89           75           1023.6           1021.7           7
## 21783           35           78           74           1022.5           1020.7           7
## 21784           31           78           75           1020.1           1018.0           7
## 21785           26           75           79           1017.7           1016.3           7
## 21786           28           85           91           1019.2           1018.2           8
## 21787           24           86           88           1018.7           1018.2           8
## 21788           46           84           89           1017.9           1016.1           8
## 21789           39           70           59           1020.6           1019.5           7
```

## 21790	33	57	69	1021.2	1019.7	6
## 21791	24	70	81	1018.8	1016.2	7
## 21792	20	89	82	1015.4	1014.3	7
## 21793	17	61	65	1016.7	1014.3	7
## 21794	28	69	64	1013.9	1014.1	7
## 21795	22	83	60	1020.7	1019.5	7
## 21796	22	61	57	1024.9	1025.1	4
## 21797	26	67	60	1028.9	1028.1	2
## 21798	22	60	59	1027.6	1025.4	3
## 21799	24	59	59	1022.8	1020.6	6
## 21800	30	54	55	1022.7	1021.2	7
## 21801	30	60	60	1026.6	1024.7	3
## 21802	28	68	68	1024.9	1021.9	1
## 21803	30	66	55	1020.6	1018.9	5
## 21804	28	65	67	1017.1	1013.4	7
## 21805	26	92	86	1012.3	1010.1	7
## 21806	20	96	89	1012.5	1012.3	8
## 21807	15	73	64	1017.2	1016.1	6
## 21808	17	73	73	1017.5	1015.4	7
## 21809	33	94	78	1016.2	1016.1	8
## 21810	24	63	62	1020.6	1019.4	8
## 21811	30	62	59	1023.2	1022.7	5
## 21812	26	57	64	1024.5	1022.8	7
## 21813	28	59	52	1024.1	1022.0	2
## 21814	20	56	61	1021.8	1019.1	7
## 21815	20	78	71	1018.8	1016.6	7
## 21816	31	70	69	1018.5	1016.5	7
## 21817	33	65	68	1017.0	1015.4	7
## 21818	20	81	69	1016.9	1015.7	7
## 21819	26	73	66	1017.9	1016.6	7
## 21820	19	62	66	1018.5	1017.7	7
## 21821	20	87	73	1018.2	1016.9	7
## 21822	19	67	66	1017.0	1016.1	7
## 21823	24	60	61	1017.0	1015.2	6
## 21824	19	54	62	1016.7	1015.1	2
## 21825	15	65	70	1017.9	1017.8	6
## 21826	20	76	73	1019.6	1019.1	7
## 21827	20	68	69	1020.1	1018.8	2
## 21828	20	64	64	1017.1	1015.1	3
## 21829	19	63	61	1014.3	1013.3	4
## 21830	24	96	79	1013.3	1012.6	8
## 21831	19	95	78	1014.5	1014.8	8
## 21832	22	84	82	1017.4	1015.9	3
## 21833	20	96	87	1014.6	1012.3	7
## 21834	28	95	96	1012.2	1010.2	7
## 21835	17	91	86	1011.3	1011.4	7
## 21836	22	92	84	1010.5	1010.0	7
## 21837	13	92	86	1012.6	1011.4	8
## 21838	30	91	86	1012.9	1011.8	7
## 21839	22	92	86	1014.2	1014.6	7
## 21840	22	85	85	1018.3	1018.5	7
## 21841	24	79	72	1020.2	1018.9	5
## 21842	22	76	71	1018.9	1018.5	4
## 21843	24	63	68	1018.3	1016.5	7

```
## 21844          19        79        84        1015.5       1013.4        7
## 21845          28        93        88        1013.0       1011.3        7
## 21846          24        90        77        1014.3       1013.8        7
## 21847          13        86        75        1016.2       1015.0        7
## 21848          17        82        75        1015.0       1013.5        7
## 21849          13        95        74        1013.7       1012.6        7
## 21850          24        91        82        1015.4       1015.5        7
## 21851          31        77        75        1017.9       1016.3        6
## 21852          35        76        70        1015.0       1012.3        5
## 21853          30        76        73        1010.4       1008.0        7
## 21854          31        85        97        1006.7       1006.0        7
## 21855          22        89        71        1006.7       1007.2        6
## 21856          28        82        78        1011.0       1010.6        7
## 21857          31        85        80        1012.3       1011.4        4
## 21858          31        85        81        1012.8       1011.5        6
## 21859          37        83        77        1013.1       1011.6        6
## 21860          37        55        63        1015.1       1013.4        2
## 21861          39        74        68        1014.6       1013.2        6
## 21862          30        66        62        1014.5       1013.5        6
## 21863          37        63        59        1012.8       1009.5        5
## 21864          54        81        79        1005.2       1000.1        8
## 21865          31        85        95         999.2        999.2        6
## 21866          30        92        98        1004.4       1001.2        8
## 21867          26        88        82        1003.6       1004.4        3
## 21868          22        71        74        1008.7       1008.8        7
## 21869          28        66        58        1010.5       1009.4        5
## 21870          26        74        88        1009.9       1007.9        8
## 21871          31        95        93        1003.6       1000.1        8
## 21872          26        79        69        1002.9       1003.8        6
## 21873          20        74        66        1009.7       1010.0        6
## 21874          24        74        65        1014.0       1013.0        7
## 21875          24        78        77        1015.5       1014.4        6
## 21876          33        85        91        1013.2       1010.6        5
## 21877          24        99        89        1006.1       1006.8        8
## 21878          24        74        75        1014.3       1015.1        3
## 21879          28        82        76        1020.4       1019.8        6
## 21880          15        95        81        1020.6       1019.6        8
## 21881          24        84        74        1022.3       1021.1        6
## 21882          22        69        77        1023.0       1021.5        6
## 21883          20        80        81        1022.1       1021.0        3
## 21884          17        84        79        1020.9       1021.3        5
## 21885          28        70        74        1022.5       1022.0        1
## 21886          20        75        74        1022.4       1020.3        7
## 21887          20        79        71        1016.8       1014.3        3
## 21888          17        80        76        1012.2       1011.3        3
## 21889          19        87        90        1014.5       1015.2        8
## 21890          28        88        82        1018.0       1017.2        7
## 21891          26        90        77        1018.4       1016.4        6
## 21892          17        95        88        1017.1       1015.8        7
## 21893          19        86        80        1016.9       1015.3        6
## 21894          24        79        76        1016.6       1016.6        3
## 21895          30        82        72        1018.2       1017.0        3
## 21896          28        75        69        1018.2       1016.4        7
## 21897          28        79        82        1015.9       1014.3        7
```

```
## 21898             26          89          77          1014.7      1014.0          7
## 21899             30          80          69          1015.9      1014.5          4
## 21900             22          67          65          1013.7      1012.1          5
## 21901             20          59          64          1010.3      1008.6          1
## 21903             31          60          72          1005.5      1004.6          7
## 21904             19          65          54          1010.6      1009.9          6
## 21905             22          72          52          1012.1      1011.6          7
## 21906             19          59          56          1013.6      1012.8          3
## 21907             19          58          60          1015.8      1015.0          2
## 21908             20          61          69          1015.8      1014.2          1
## 21909             19          70          67          1014.7      1012.7          3
## 21910             20          79          77          1014.5      1014.8          3
## 21911             19          80          67          1015.8      1014.0          5
## 21912             13          88          69          1015.6      1013.9          6
## 21913             15          82          87          1013.5      1011.4          7
## 21914             35          95          66          1014.0      1014.1          8
## 21915             26          43          45          1015.9      1014.3          1
## 21916             33          51          61          1014.8      1011.6          6
## 21917             31          75          71          1014.5      1014.3          7
## 21918             22          67          54          1015.8      1015.6          4
## 21919             30          56          54          1019.5      1019.4          3
## 21920             35          65          54          1023.8      1022.8          7
## 21921             31          62          57          1025.1      1022.4          6
## 21922             26          68          81          1022.2      1019.8          7
## 21923             26          71          70          1019.0      1017.0          4
## 21924             15          79          86          1017.6      1015.8          7
## 21925             17          83          76          1017.1      1015.2          6
## 21926             17          80          71          1015.5      1014.4          4
## 21927             22          80          78          1016.9      1014.9          7
## 21928             24          95          97          1014.4      1011.6          8
## 21930             13          96          78          1009.2      1008.3          7
## 21931             13          88          77          1010.1      1008.9          6
## 21932             19          84          78          1010.2      1008.4          7
## 21933             15          87          77          1010.9      1010.2          5
## 21934             13          84          93          1012.2      1010.7          7
## 21935             17          76          58          1012.3      1011.6          3
## 21936             33          67          76          1015.6      1015.8          4
## 21939             20          74          56          1019.3      1016.8          5
## 21940             20          93          80          1006.2      1005.8          7
## 21941             13          73          78          1010.5      1009.2          1
## 21942              4          66          62          1013.1      1011.7          1
## 21943             13          87          74          1013.3      1011.0          7
## 21944             15          92          89          1008.3      1004.6          7
## 21945             24          78          56          1007.1      1005.7          3
## 21946             22          52          69          1007.8      1006.3          5
## 21947             15          70          62          1013.4      1012.3          1
## 21948             17          68          68          1015.9      1015.0          2
## 21949             24          78          88          1016.1      1011.4          7
## 21950             30          73          58          1009.0      1008.9          5
## 21951             13          73          64          1013.6      1010.1          2
## 21952             19          74          59          1011.6      1010.3          5
## 21953             19          88          59          1014.0      1012.5          6
## 21954             26          70          54          1014.9      1015.1          6
## 21955             17          52          53          1023.9      1021.9          2
```

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## 21956        17      57      56      1023.2    1020.3    1
## 21957        26      89      70      1022.7    1020.9    7
## 21958        26      48      50      1026.5    1025.4    7
## 21959        20      56      66      1028.0    1026.2    6
## 21960        19      65      61      1028.5    1026.3    4
## 21961        24      64      74      1027.8    1025.1    2
## 21962        24      69      64      1022.8    1020.0    3
## 21965        24      81      59      1006.4    1005.3    6
## 21966        17      75      66      1009.8    1009.8    2
## 21967        13      60      57      1018.9    1018.7    1
## 21968        19      63      63      1024.4    1022.0    2
## 21969        24      64      68      1021.7    1018.6    7
## 21970        33      79      85      1017.9    1014.5    8
## 21971        17      88      91      1014.2    1011.9    8
## 21972        22      84      76      1008.5    1007.7    1
## 21973        17      80      73      1012.7    1011.7    1
## 21974        20      69      63      1015.3    1013.8    2
## 21975        11      73      66      1017.7    1015.7    7
## 21976        20      79      61      1017.9    1015.8    7
## 21977         9      90      70      1018.9    1017.1    7
## 21978        19      80      73      1020.0    1017.2    7
## 21979        20      79      79      1017.1    1014.3    7
## 21980        13      90      80      1015.6    1013.9    7
## 21981        15      91      84      1015.2    1016.1    7
## 21982        20      59      71      1018.4    1013.4    7
## 21983        30      88      97      1013.5    1011.0    8
## 21984        13      96      98      1013.7    1012.5    8
## 21985         9      85      95      1018.9    1018.6    8
## 21986        37      93      92      1017.6    1011.0    8
## 21987        31      71      81      1006.7    1003.0    1
## 21988        35      57      61      1004.0    1002.3    3
## 21989        41      73      59      1006.4    1005.2    3
## 21990        20      61      82      1014.2    1014.0    1
## 21992        26      73      81      1015.5    1012.0    1
## 21993        22      71      58      1014.4    1013.6    3
## 21994        28      67      57      1018.6    1017.8    2
## 21995        22      61      61      1023.4    1021.2    2
## 21996        24      61      57      1023.9    1021.8    5
## 21997        13      64      64      1023.8    1021.9    6
## 21998        22      57      71      1023.6    1020.5    1
## 21999        30      70      46      1021.5    1019.9    6
## 22000        22      66      82      1021.9    1018.8    2
## 22001        11      72      63      1018.4    1015.4    6
## 22002        15      70      67      1017.1    1015.1    2
## 22003        31      73      71      1015.2    1011.7    2
## 22004        20      77      64      1015.8    1014.2    3
## 22005        33      72      60      1013.6    1009.8    3
## 22006        30      62      58      1010.6    1010.4    2
## 22007        35      70      70      1013.0    1010.5    1
## 22008        24      64      52      1016.3    1016.5    3
## 22009        19      57      50      1019.0    1016.5    1
## 22010        22      84      62      1016.2    1013.5    7
## 22011        33      75      58      1012.5    1010.7    1
## 22012        26      64      65      1019.3    1018.3    3
```

## 22013	19	82	65	1022.4	1020.0	6
## 22014	28	74	70	1020.7	1019.0	7
## 22015	28	93	49	1022.7	1022.1	8
## 22016	13	60	73	1025.4	1023.7	5
## 22017	17	59	56	1025.2	1022.8	7
## 22018	20	71	67	1023.5	1021.0	3
## 22019	33	75	76	1020.3	1016.1	3
## 22020	17	82	78	1009.6	1006.9	7
## 22021	17	87	85	1005.8	1001.6	7
## 22022	28	73	67	999.4	998.0	4
## 22023	39	68	66	997.4	996.0	1
## 22024	37	66	69	1003.3	1004.9	2
## 22025	19	54	62	1015.7	1015.9	3
## 22026	7	65	55	1025.6	1024.4	3
## 22027	19	61	54	1026.4	1024.3	6
## 22028	20	80	80	1024.5	1021.7	7
## 22029	24	90	68	1021.7	1018.7	7
## 22030	17	78	66	1020.7	1018.8	6
## 22031	17	61	56	1021.8	1019.8	3
## 22032	22	58	92	1021.9	1019.2	2
## 22033	24	63	87	1019.9	1017.7	1
## 22034	20	69	64	1019.1	1018.6	3
## 22035	28	58	58	1022.6	1021.4	4
## 22036	24	68	60	1026.0	1023.9	7
## 22037	17	73	69	1025.3	1023.1	7
## 22038	9	58	67	1024.4	1021.5	1
## 22039	28	72	68	1020.7	1016.8	1
## 22040	13	90	94	1012.6	1008.1	8
## 22041	17	80	76	1012.5	1010.5	1
## 22042	24	79	64	1012.9	1010.9	2
## 22043	20	72	83	1010.7	1006.2	3
## 22044	44	76	67	1003.4	1006.7	7
## 22045	24	58	53	1018.2	1017.3	7
## 22046	17	70	68	1019.5	1016.4	7
## 22047	26	76	56	1016.2	1013.7	4
## 22048	24	69	78	1014.2	1013.0	5
## 22049	19	71	54	1019.4	1018.3	3
## 22050	20	55	54	1020.9	1018.7	5
## 22051	33	61	84	1018.7	1016.2	7
## 22052	31	82	83	1020.6	1020.4	7
## 22053	37	85	87	1026.5	1026.2	8
## 22055	30	81	80	1027.9	1024.9	7
## 22056	28	92	91	1020.8	1015.3	8
## 22057	17	84	80	1021.5	1020.7	4
## 22058	24	65	70	1024.6	1022.2	5
## 22059	24	81	91	1023.5	1020.0	7
## 22060	15	83	84	1018.7	1016.2	4
## 22061	24	75	59	1019.3	1017.9	2
## 22062	15	67	71	1019.3	1017.8	1
## 22063	20	80	64	1019.8	1018.9	6
## 22064	19	67	59	1021.3	1019.7	2
## 22065	11	79	83	1022.2	1020.8	7
## 22067	28	56	58	1028.8	1026.6	2
## 22068	33	57	63	1026.9	1023.6	3

```
## 22069          30          70          73          1022.1          1019.4          3
## 22070          11          75          87          1019.6          1017.6          5
## 22071          19          72          63          1019.8          1017.3          5
## 22072          30          77          80          1012.5          1006.3          6
## 22073          37          55          58          1008.6          1009.1          2
## 22074          30          66          86          1015.0          1013.7          3
## 22075          26          62          46          1021.0          1020.4          7
## 22076          19          54          55          1024.4          1022.5          2
## 22077          31          46          58          1021.3          1018.3          1
## 22078          28          65          62          1017.6          1014.1          1
## 22079          17          56          50          1017.9          1016.4          1
## 22080          20          73          70          1021.1          1019.9          1
## 22081          28          76          77          1020.3          1018.8          1
## 22082          15          63          65          1023.5          1021.4          4
## 22083          20          61          59          1022.7          1018.4          7
## 22084          28          85          63          1019.7          1017.6          7
## 22085          24          67          64          1018.7          1017.2          4
## 22086          19          60          64          1020.2          1018.0          4
## 22087          17          55          53          1020.0          1017.3          4
## 22088          15          56          53          1018.4          1015.7          1
## 22089          22          74          81          1014.0          1010.5          7
## 22090          17          80          84          1005.9          1003.9          7
## 22091          20          86          76          1012.6          1012.2          7
## 22092          15          80          68          1015.4          1013.4          7
## 22093          17          80          79          1015.6          1014.4          6
## 22094          35          88          90          1012.0          1008.1          6
## 22095          31          61          67          1007.9          1007.0          1
## 22096          28          67          61          1011.6          1009.2          7
## 22097          30          74          60          1011.1          1009.4          6
## 22098          31          49          49          1014.2          1012.3          3
## 22099          20          66          61          1016.1          1014.2          7
## 22100          17          64          61          1016.6          1014.2          1
## 22101          28          72          83          1015.2          1010.6          7
## 22103          15          91          73          1012.1          1009.8          7
## 22104          20          78          66          1015.1          1014.5          6
## 22105          26          63          51          1020.4          1019.8          2
## 22106          17          60          60          1023.1          1021.7          1
## 22107          20          64          66          1022.6          1020.4          1
## 22108          30          72          76          1019.7          1017.6          7
## 22109          24          86          85          1016.6          1016.3          4
## 22110          35          49          48          1023.1          1021.7          6
## 22111          31          54          54          1021.2          1018.7          1
## 22112          26          60          60          1022.4          1021.5          6
## 22113          20          77          62          1026.0          1024.3          3
## 22114          15          68          59          1025.9          1024.1          4
## 22115          17          78          72          1025.0          1023.4          7
## 22116          20          74          72          1023.5          1020.7          8
## 22117          26          58          66          1021.3          1018.8          7
## 22118          20          74          71          1020.2          1018.8          6
## 22119          26          78          80          1021.0          1019.1          7
## 22120          26          79          80          1019.3          1017.2          7
## 22121          30          87          80          1016.8          1015.9          7
## 22122          31          84          81          1016.4          1014.9          7
## 22123          20          89          95          1013.1          1009.9          7
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## 22124        24       89       69      1009.1    1007.6     7
## 22125        22       67       58      1010.3    1009.2     7
## 22126        20       67       61      1012.5    1011.4     1
## 22127        24       93       74      1013.5    1012.0     8
## 22128        19       50       50      1016.8    1015.1     1
## 22129        19       60       61      1018.1    1016.5     1
## 22131        22       67       66      1022.8    1021.0     6
## 22132        17       62       64      1023.5    1021.3     1
## 22133        15       64       65      1022.0    1020.4     5
## 22134        24       68       63      1020.6    1018.5     7
## 22135        22       95       67      1016.8    1015.8     7
## 22136        22       64       49      1018.5    1017.5     7
## 22137        19       49       45      1020.4    1019.3     1
## 22138        19       53       52      1021.5    1020.1     6
## 22139        13       59       58      1021.5    1019.7     1
## 22140        20       73       74      1020.4    1018.3     6
## 22141        20       76       78      1018.2    1016.5     1
## 22142        24       69       54      1019.3    1019.8     4
## 22143        19       52       58      1022.6    1020.9     1
## 22144        13       53       52      1021.3    1019.3     2
## 22145        19       48       69      1022.8    1021.3     1
## 22146        22       76       76      1023.0    1020.3     4
## 22147        19       68       72      1022.0    1019.9     2
## 22148        19       69       92      1020.5    1019.0     7
## 22149        22       56       56      1019.7    1018.1     6
## 22150        26       65       66      1018.8    1016.8     8
## 22151        11       76       65      1019.7    1019.1     7
## 22152        22       71       64      1021.8    1021.2     6
## 22153        28       64       73      1021.8    1020.3     6
## 22154        31       72       70      1018.0    1017.0     4
## 22155        30       73       78      1016.9    1015.0     5
## 22156        17       89       88      1014.6    1013.0     7
## 22157        20       95       78      1012.0    1010.4     7
## 22158        17       89       80      1011.9    1011.5     8
## 22159        15       81       71      1011.3    1009.6     8
## 22160        22       63       59      1010.7    1010.6     3
## 22161        24       46       51      1013.8    1013.3     5
## 22162        33       75       87      1013.4    1011.9     7
## 22164         9       77       76      1012.7    1011.9     6
## 22165        19       84       87      1012.6    1011.7     7
## 22166        22       97       96      1011.1    1010.4     8
## 22167        17       85       95      1009.6    1008.1     8
## 22168        24       70       63      1011.0    1010.3     2
## 22169        20       53       61      1013.0    1012.2     7
## 22170        24       61       57      1013.0    1012.0     4
## 22171        24       52       49      1013.1    1011.8     2
## 22172        20       60       60      1014.1    1013.1     2
## 22173        20       54       68      1017.5    1016.8     1
## 22174        33       70       69      1019.1    1017.8     7
## 22175        33       73       74      1019.0    1017.5     2
## 22176        31       68       62      1018.2    1016.0     7
## 22177        39       51       57      1015.6    1014.0     7
## 22178        44       75       72      1012.4    1010.2     7
## 22181        24       95       88       994.9     997.1     8
```

## 22182	24	87	80	1001.9	1000.7	7
## 22183	26	88	74	1004.5	1004.5	7
## 22184	20	81	78	1008.7	1008.2	7
## 22185	20	75	74	1011.4	1010.5	4
## 22186	19	84	77	1014.8	1014.2	7
## 22187	22	63	53	1017.5	1016.2	7
## 22188	30	56	65	1016.5	1013.7	7
## 22189	19	81	86	1012.2	1011.4	7
## 22190	31	85	71	1007.2	1005.5	7
## 22191	26	59	61	1008.1	1007.8	2
## 22192	28	70	59	1011.2	1010.3	2
## 22193	19	53	47	1012.3	1011.1	2
## 22194	24	56	63	1011.7	1009.9	1
## 22195	22	83	81	1009.7	1008.5	7
## 22196	28	88	90	1008.3	1007.4	7
## 22197	19	60	57	1012.8	1012.9	3
## 22198	15	62	55	1015.4	1014.7	4
## 22199	19	72	77	1017.0	1016.6	7
## 22200	26	93	88	1019.7	1018.6	8
## 22201	30	86	92	1021.6	1020.5	7
## 22202	30	85	76	1020.6	1018.6	7
## 22203	26	83	80	1017.2	1015.2	7
## 22204	24	78	73	1014.4	1013.5	5
## 22205	22	74	72	1014.5	1013.8	4
## 22206	17	77	69	1014.9	1013.5	4
## 22207	24	75	73	1015.2	1014.9	4
## 22208	26	54	56	1018.5	1017.7	3
## 22209	31	60	64	1018.0	1016.4	6
## 22210	26	75	74	1016.9	1014.8	7
## 22211	15	80	69	1014.0	1012.5	7
## 22212	24	73	96	1014.2	1013.3	3
## 22213	31	59	56	1014.7	1014.1	7
## 22214	31	65	74	1015.8	1014.3	2
## 22215	31	48	63	1014.7	1012.3	2
## 22216	22	67	65	1011.6	1008.8	6
## 22217	33	74	57	1008.6	1006.9	7
## 22218	44	82	92	1003.4	1001.2	7
## 22219	35	96	95	1001.9	1000.7	8
## 22220	22	96	96	1001.7	999.9	8
## 22221	37	96	92	1001.5	1000.1	8
## 22223	28	75	78	1007.3	1007.0	6
## 22224	31	82	74	1009.0	1007.8	7
## 22228	19	69	67	1017.6	1016.7	2
## 22229	22	71	69	1018.0	1016.4	4
## 22230	15	69	65	1016.3	1015.8	7
## 22231	19	61	65	1017.1	1016.4	1
## 22232	22	72	70	1018.0	1017.0	4
## 22233	28	93	75	1019.0	1017.8	7
## 22234	26	73	71	1018.9	1017.1	3
## 22235	28	66	66	1017.0	1015.2	7
## 22236	24	73	72	1014.6	1013.4	1
## 22237	15	88	83	1014.5	1014.0	7
## 22238	7	90	81	1018.5	1017.5	5
## 22239	20	91	77	1020.0	1019.3	6

## 22240	26	59	61	1021.5	1020.2	2
## 22241	22	55	54	1022.2	1020.7	6
## 22242	22	57	57	1020.9	1018.3	6
## 22243	19	63	62	1015.3	1014.2	4
## 22244	15	62	53	1016.7	1014.3	1
## 22245	22	64	65	1015.0	1013.6	6
## 22246	22	58	64	1014.3	1011.6	7
## 22247	30	86	59	1013.6	1013.4	7
## 22248	20	51	48	1017.7	1016.5	7
## 22249	28	56	52	1017.0	1015.2	4
## 22250	28	76	67	1015.4	1013.5	6
## 22251	20	67	59	1012.8	1011.8	6
## 22252	13	65	61	1015.6	1015.4	1
## 22253	17	84	71	1015.1	1012.7	6
## 22254	15	74	71	1011.0	1008.9	7
## 22255	26	70	68	1008.6	1009.1	4
## 22256	24	74	65	1015.2	1016.3	4
## 22257	17	55	59	1021.0	1020.6	7
## 22258	26	69	70	1021.2	1019.2	7
## 22259	35	85	83	1018.3	1015.6	7
## 22260	37	81	72	1015.6	1014.3	6
## 22261	31	86	82	1014.9	1012.2	7
## 22262	22	87	81	1011.0	1008.1	7
## 22263	20	73	70	1012.4	1012.4	7
## 22264	17	87	69	1013.1	1009.5	7
## 22265	13	66	61	1008.7	1007.1	3
## 22266	11	73	62	1011.4	1011.1	1
## 22267	19	84	83	1013.4	1011.5	6
## 22268	24	95	88	1007.0	1005.3	8
## 22269	24	59	55	1012.7	1012.6	2
## 22270	28	55	49	1018.4	1018.1	7
## 22271	28	54	56	1020.0	1017.9	7
## 22272	33	73	70	1018.6	1015.9	7
## 22273	35	94	92	1016.4	1014.2	8
## 22274	28	87	84	1015.2	1012.8	6
## 22275	30	89	91	1011.6	1008.6	7
## 22276	30	95	95	1007.5	1004.2	7
## 22277	17	87	85	1003.6	1000.6	7
## 22278	11	90	84	999.8	999.0	7
## 22279	24	85	79	1004.8	1004.2	7
## 22280	20	86	79	1010.2	1008.2	6
## 22281	26	91	88	1010.2	1007.2	7
## 22282	24	89	79	1010.9	1011.2	7
## 22283	20	73	62	1017.6	1016.6	3
## 22284	20	54	54	1019.3	1017.5	4
## 22285	7	86	92	1017.1	1015.0	6
## 22286	28	76	71	1014.6	1013.6	3
## 22287	24	74	58	1017.8	1017.1	7
## 22288	22	57	64	1021.9	1021.2	1
## 22289	20	65	69	1024.5	1021.8	4
## 22290	19	76	64	1024.0	1021.9	5
## 22291	30	74	74	1023.3	1020.7	7
## 22292	30	83	82	1023.2	1020.8	6
## 22293	31	63	65	1023.3	1021.9	4

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## 22294            30          69          66          1024.7      1023.2          5
## 22295            43          64          64          1026.0      1023.9          7
## 22296            31          72          68          1025.8      1023.0          5
## 22297            30          70          70          1024.5      1022.1          1
## 22298            33          78          65          1023.8      1021.1          6
## 22299            22          64          69          1021.6      1019.6          3
## 22300            19          75          87          1019.7      1017.9          7
## 22301            19          77          83          1017.1      1013.0          7
## 22302            19          62          67          1016.0      1015.7          5
## 22303            15          65          71          1020.7      1019.6          5
## 22304            15          75          81          1021.4      1017.0          8
## 22305             9          85          95          1013.8      1012.1          7
## 22306            26          74          61          1020.7      1020.8          7
## 22307            20          63          59          1024.2      1022.7          7
## 22308            30          55          66          1024.7      1023.0          4
## 22309            35          74          66          1024.3      1021.6          5
## 22310            35          76          63          1022.0      1019.3          7
## 22311            39          72          89          1019.6      1014.6          8
## 22312            13          78          76          1010.9      1008.5          1
## 22313            22          73          64          1011.5      1010.5          6
## 22314            26          64          59          1014.0      1012.9          2
## 22315            31          75          55          1016.8      1016.5          5
## 22317            13          70          70          1020.2      1018.2          2
## 22318            20          60          65          1018.2      1014.5          1
## 22319            26          80          66          1011.8      1009.4          1
## 22320            24          50          49          1013.2      1012.1          1
## 22321            33          66          57          1012.7      1011.6          3
## 22322            13          54          47          1019.2      1018.3          7
## 22323            13          85          60          1020.9      1018.6          5
## 22324            13          69          59          1020.4      1018.4          5
## 22325            15          66          53          1021.5      1019.3          3
## 22326            28          54          89          1022.0      1020.5          1
## 22327            17          59          55          1023.5      1023.2          4
## 22328            19          59          66          1026.4      1024.5          2
## 22329            26          79          60          1027.6      1025.3          7
## 22330            24          68          62          1027.3      1024.5          5
## 22331            20          67          81          1023.3      1020.0          8
## 22332            20          76          86          1016.9      1013.8          7
## 22333            15          92          88          1013.3      1011.2          8
## 22334            28          76          51          1017.6      1017.8          5
## 22335            24          59          60          1023.3      1021.2          4
## 22336            22          59          68          1024.4      1021.7          5
## 22337            17          73          62          1023.6      1021.9          3
## 22338            19          71          67          1023.1      1020.6          3
## 22339            19          77          72          1022.3      1019.4          4
## 22340            35          82          84          1019.1      1014.4          8
## 22341            24          78          70          1007.3      1005.3          0
## 22342            31          71          71          1002.4      1002.1          6
## 22343            22          90          91          1006.9      1006.0          8
## 22344            19          78          52          1016.5      1016.1          5
## 22345            15          64          48          1021.3      1020.1          2
## 22346            11          68          61          1022.7      1020.6          7
## 22347            28          75          78          1018.2      1013.2          8
## 22348            46          86          88          1004.7      1001.5          7
```

```
## 22349          35      93      90      1000.5       998.2       7
## 22350          39      95      97       998.8       998.9       7
## 22351          26      58      45      1012.3      1013.1       3
## 22352          17      54      47      1022.3      1021.5       4
## 22353          17      60      59      1024.4      1020.7       6
## 22354          19      74      61      1016.1      1014.0       4
## 22355          22      60      55      1015.1      1014.4       1
## 22356          15      62      81      1016.5      1014.8       1
## 22357          19      64      63      1018.2      1018.4       2
## 22358          13      62      63      1023.8      1022.7       1
## 22359          11      58      68      1024.2      1021.0       1
## 22360          17      90      76      1022.4      1021.4       7
## 22361          13      48      52      1025.5      1023.0       1
## 22363          20      67      60      1025.5      1023.9       4
## 22364          22      62      58      1024.4      1021.4       7
## 22365          33      91      91      1019.5      1014.5       8
## 22368          20      89      76      1012.5      1009.9       7
## 22369          28      51      61      1012.5      1011.2       1
## 22370          22      57      65      1014.8      1013.5       2
## 22371          28      73      62      1014.8      1014.3       2
## 22372          22      60      67      1017.0      1015.3       2
## 22373          20      58      51      1020.5      1020.2       2
## 22374          15      66      55      1024.6      1023.7       3
## 22375          15      67      58      1027.2      1025.8       2
## 22376          20      65      55      1028.9      1028.4       2
## 22377          22      53      60      1031.6      1028.9       6
## 22378          20      53      78      1030.6      1027.4       3
## 22379          20      70      71      1027.0      1024.0       2
## 22380          19      78      83      1024.3      1022.0       6
## 22381          17      75      80      1023.1      1019.9       7
## 22382          15      93      67      1020.3      1019.0       8
## 22383          28      70      50      1023.8      1022.5       7
## 22384          30      58      80      1023.6      1021.1       3
## 22385          28      93      83      1020.3      1015.9       8
## 22386          15      94      89      1014.2      1010.6       8
## 22387          15      88      81      1010.4      1007.6       4
## 22388          22      87      73      1005.8      1005.1       6
## 22391          22      83      79      1012.5      1012.2       7
## 22392          24      52      66      1016.3      1014.5       7
## 22393          13      66      69      1017.3      1015.2       7
## 22394          17      73      86      1012.9      1007.9       3
## 22395          37      66      58      1007.6      1006.5       2
## 22396          30      54      53      1012.0      1010.2       2
## 22399          20      69      69      1014.2      1011.9       2
## 22400          20      59      61      1014.1      1012.5       3
## 22401          26      79      59      1013.7      1011.5       2
## 22402          22      59      56      1015.8      1014.8       2
## 22403          13      73      55      1017.9      1016.2       1
## 22404          35      63      62      1017.3      1016.2       1
## 22405          31      58      50      1019.0      1016.0       1
## 22406          17      80      61      1016.9      1013.7       6
## 22407          28      63      62      1011.1      1007.1       7
## 22408          17      85      58      1007.3      1004.9       7
## 22409          39      59      69      1007.3      1005.7       1
```

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## 22410          28          60          75          1014.8          1015.4          3
## 22411          15          62          51          1018.3          1016.5          7
## 22412          22          65          48          1018.9          1018.3          7
## 22413          22          54          59          1020.9          1018.7          5
## 22414          15          68          62          1020.9          1019.5          3
## 22415          20          59          53          1022.8          1019.4          1
## 22416          22          87          80          1020.2          1018.2          6
## 22417          17          64          64          1021.0          1018.9          7
## 22418          20          81          58          1021.7          1020.0          6
## 22419          22          61          67          1024.1          1021.6          7
## 22420          13          78          65          1025.2          1023.5          7
## 22421          17          67          66          1025.5          1023.4          2
## 22422          17          57          52          1024.4          1021.6          7
## 22423          22          75          90          1021.0          1019.0          7
## 22424          11          86          84          1020.5          1018.4          7
## 22425          19          90          84          1016.1          1013.9          7
## 22426          28          65          56          1017.1          1014.5          3
## 22427          22          79          75          1016.3          1015.4          5
## 22428          15          58          58          1020.2          1018.6          1
## 22429          13          73          76          1020.0          1017.7          7
## 22430          22          93          83          1015.1          1011.5          8
## 22431          31          61          57          1015.6          1013.9          7
## 22432          22          66          68          1019.8          1018.6          5
## 22433          19          54          57          1023.9          1022.8          1
## 22435          17          52          55          1024.7          1021.0          7
## 22436          28          63          72          1014.8          1011.9          1
## 22437          26          61          58          1016.8          1015.7          2
## 22438          17          65          63          1023.1          1022.2          1
## 22439          15          54          57          1025.8          1023.4          7
## 22440          20          57          65          1025.7          1022.5          7
## 22441          20          42          44          1023.5          1020.7          4
## 22442          28          71          55          1019.9          1015.1          7
## 22443          17          71          53          1016.2          1014.8          7
## 22444          19          69          55          1017.2          1015.6          6
## 22445          20          63          64          1021.4          1020.4          5
## 22446          17          57          63          1022.7          1020.0          7
## 22447          17          81          77          1020.5          1017.8          6
## 22448          30          82          73          1020.6          1018.5          5
## 22449          24          69          65          1021.2          1019.3          4
## 22450          31          79          91          1020.3          1018.1          7
## 22451          19          80          81          1017.2          1014.4          6
## 22452          13          88          87          1016.1          1014.4          4
## 22453          19          91          85          1015.0          1012.3          8
## 22454          31          69          72          1014.1          1012.2          2
## 22455          35          55          60          1013.9          1011.3          5
## 22456          24          83          62          1015.1          1014.0          7
## 22457          22          63          54          1018.8          1017.8          6
## 22458          26          52          52          1020.7          1017.8          7
## 22459          22          91          66          1020.0          1019.3          8
## 22460          24          49          69          1022.4          1021.1          2
## 22461          20          56          57          1021.9          1020.5          2
## 22462          20          53          60          1022.0          1020.1          5
## 22463          24          62          62          1022.9          1020.7          6
## 22464          26          62          65          1020.9          1018.6          6
```

```
## 22465        20        77        61        1018.6        1015.4        5
## 22466        19        75        71        1014.5        1012.2        2
## 22467        17        81        81        1013.5        1012.0        7
## 22468        31        82        71        1013.7        1013.6        2
## 22469        24        71        69        1022.8        1020.6        2
## 22470        30        76        89        1019.0        1015.3        1
## 22471        31        58        60        1014.2        1013.2        1
## 22472        19        64        55        1020.2        1019.7        6
## 22473        17        63        54        1023.4        1022.0        4
## 22474        17        59        45        1025.0        1023.3        7
## 22475         6        54        53        1024.4        1021.5        5
## 22476        33        52        60        1020.7        1018.2        7
## 22477        17        60        52        1021.1        1019.9        2
## 22478        13        58        56        1021.4        1019.6        2
## 22479        17        73        70        1019.3        1017.3        1
## 22480        26        83        76        1016.7        1014.4        3
## 22481        13        76        81        1011.8        1009.6        5
## 22483        28        89        95        1007.6        1008.1        8
## 22484        11        66        62        1013.1        1011.8        7
## 22485         9        61        64        1015.2        1013.3        7
## 22486        22        74        81        1015.3        1013.9        7
## 22487        31        59        53        1016.8        1014.8        1
## 22488        24        75        66        1016.7        1015.8        7
## 22489        19        60        61        1018.1        1016.5        7
## 22490        19        69        60        1017.6        1014.5        7
## 22491        17        76        73        1013.1        1010.9        3
## 22492        24        76        66        1012.4        1013.2        4
## 22493        22        63        49        1020.7        1019.8        7
## 22494        26        64        61        1022.4        1020.3        7
## 22495        28        63        73        1020.7        1018.5        7
## 22496        30        69        59        1018.5        1016.5        7
## 22497        33        68        55        1019.5        1019.6        6
## 22498        26        49        54        1023.6        1022.1        1
## 22501        22        92        57        1019.1        1016.5        8
## 22502        28        48        55        1018.7        1017.5        3
## 22504        30        58        59        1019.0        1017.2        4
## 22505        19        71        64        1018.8        1016.9        7
## 22507        19        82        74        1016.6        1015.1        7
## 22508        17        93        91        1014.1        1012.2        8
## 22510        13        91        80        1012.0        1009.0        7
## 22511        20        82        76        1009.7        1009.6        6
## 22512        24        73        72        1013.3        1012.0        6
## 22513        26        83        68        1016.4        1016.8        7
## 22514        17        61        54        1020.7        1020.5        5
## 22515        19        51        57        1021.6        1020.7        5
## 22516        17        57        65        1022.2        1020.2        7
## 22517        11        51        54        1020.0        1018.4        4
## 22518        17        58        66        1017.1        1015.1        5
## 22519        19        75        71        1017.0        1016.8        6
## 22520        24        73        78        1019.0        1017.9        3
## 22521        26        85        85        1014.6        1012.2        7
## 22522        17        82        82        1010.9        1008.8        3
## 22523        30        74        62        1011.2        1011.1        5
## 22524        24        55        59        1014.8        1014.5        7
```

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## 22525	22	67	67	1014.4	1013.1	7
## 22526	30	74	73	1013.8	1012.8	7
## 22527	20	64	60	1013.6	1012.8	5
## 22528	15	60	55	1012.9	1011.5	7
## 22529	11	76	63	1013.4	1013.3	7
## 22530	20	80	73	1016.5	1016.0	7
## 22531	22	65	66	1016.5	1015.7	2
## 22532	17	77	56	1014.6	1013.5	3
## 22533	15	82	72	1012.2	1010.6	7
## 22534	28	67	55	1011.5	1012.3	6
## 22535	22	62	53	1014.3	1013.6	7
## 22536	19	55	49	1012.9	1010.8	7
## 22537	17	65	60	1012.6	1011.2	3
## 22538	19	70	66	1013.0	1011.7	3
## 22539	17	64	63	1013.2	1012.7	1
## 22540	15	67	74	1013.9	1012.6	5
## 22541	24	81	79	1015.6	1014.9	6
## 22542	20	80	78	1017.4	1016.5	2
## 22543	28	73	69	1018.3	1017.4	5
## 22544	31	78	76	1018.0	1016.3	8
## 22545	39	78	65	1017.9	1016.7	6
## 22546	43	75	68	1017.9	1016.8	4
## 22547	43	67	60	1018.0	1016.0	1
## 22548	39	65	64	1014.3	1012.9	6
## 22549	33	71	58	1013.6	1013.2	7
## 22550	28	69	67	1013.8	1011.7	7
## 22551	20	71	70	1015.1	1013.4	6
## 22552	20	65	59	1015.2	1013.7	2
## 22553	13	70	67	1014.2	1013.3	7
## 22554	19	74	61	1014.0	1013.6	7
## 22555	30	70	50	1014.2	1012.8	7
## 22556	28	62	56	1014.3	1012.8	4
## 22557	28	65	55	1016.3	1014.8	4
## 22558	20	67	65	1016.7	1014.7	5
## 22559	28	56	53	1016.8	1014.9	2
## 22560	24	63	56	1016.1	1014.2	2
## 22561	26	70	62	1014.9	1014.0	7
## 22562	20	80	78	1014.4	1012.3	7
## 22563	37	93	79	1011.0	1008.0	7
## 22564	28	90	91	1007.6	1006.1	8
## 22565	19	96	91	1009.4	1008.5	7
## 22566	19	80	72	1011.7	1009.7	2
## 22567	20	84	75	1010.1	1008.6	4
## 22568	28	63	62	1010.9	1011.0	7
## 22569	24	53	55	1017.4	1016.7	7
## 22570	19	58	60	1022.2	1020.9	6
## 22571	26	50	57	1023.1	1021.1	2
## 22572	19	63	57	1022.4	1020.1	3
## 22573	35	93	69	1021.3	1019.1	8
## 22574	28	56	54	1020.7	1018.7	7
## 22575	31	62	62	1019.0	1017.1	7
## 22576	24	75	52	1020.1	1018.4	7
## 22577	35	75	56	1021.1	1018.7	6
## 22578	28	82	72	1020.4	1017.2	7

```
## 22579        28        85        71        1015.0        1012.6        7
## 22580        17        87        78        1013.0        1011.5        7
## 22581         9        73        73        1014.6        1014.2        6
## 22583        20        81        75        1015.4        1012.9        7
## 22584        24        86        87        1009.8        1008.4        6
## 22585        26        76        69        1015.2        1015.1        5
## 22586        26        69        57        1019.9        1018.3        7
## 22587        26        54        58        1020.8        1019.0        3
## 22588        22        79        57        1021.8        1019.3        7
## 22589        20        60        58        1020.8        1018.2        7
## 22590        24        62        60        1020.1        1017.6        4
## 22591        20        58        56        1019.2        1017.7        3
## 22592        31        85        76        1019.1        1018.0        7
## 22593        33        72        67        1022.3        1021.1        7
## 22594        35        82        83        1021.7        1018.7        8
## 22595        33        96        98        1011.7        1004.4        8
## 22596        44        88        84        1001.8        1000.6        4
## 22597        30        76        68        1009.6        1010.3        1
## 22598         9        75        71        1015.1        1014.0        6
## 22600        17        78        74        1012.3        1010.4        1
## 22601        15        79        72        1012.4        1010.5        3
## 22602        17        81        70        1011.8        1009.3        7
## 22603        17        65        63        1012.1        1011.7        2
## 22604        13        76        51        1016.4        1014.1        1
## 22605        20        69        74        1017.4        1016.0        2
## 22606        17        76        76        1018.5        1017.4        5
## 22607        17        65        60        1021.4        1019.4        4
## 22608        15        65        60        1022.4        1021.1        1
## 22609        19        61        61        1023.4        1021.4        2
## 22610        20        69        67        1023.6        1021.7        4
## 22611        22        66        68        1022.6        1020.4        3
## 22612        19        63        58        1020.6        1017.1        3
## 22613        11        65        65        1018.3        1016.7        2
## 22614        17        69        78        1015.6        1012.3        4
## 22615        31        69        53        1013.6        1010.4        7
## 22616        35        83        43        1010.4        1009.3        8
## 22617        28        49        59        1014.7        1014.0        3
## 22618        13        56        66        1021.0        1020.5        5
## 22619        13        66        57        1024.7        1023.0        2
## 22620        19        61        51        1025.3        1022.6        2
## 22621        19        66        54        1021.9        1019.5        6
## 22622        24        60        61        1022.6        1021.0        4
## 22623        24        55        70        1024.3        1021.2        4
## 22624        26        79        85        1019.3        1015.9        7
## 22625        20        85        81        1013.0        1011.3        7
## 22626        11        89        81        1013.0        1011.3        7
## 22627        15        89        76        1014.7        1013.3        3
## 22628        13        87        93        1013.7        1011.0        7
## 22629        20        68        73        1013.0        1010.8        2
## 22630        20        72        68        1012.8        1009.8        2
## 22631        26        68        62        1011.7        1011.4        4
## 22632        22        85        59        1014.6        1011.4        7
## 22633        26        62        65        1012.2        1009.5        7
## 22635        20        89        80        1015.7        1013.4        8
```

## 22636	19	88	95	1012.5	1012.1	8
## 22637	20	89	83	1011.7	1010.7	7
## 22638	20	58	65	1015.7	1015.0	3
## 22639	30	48	46	1023.3	1022.7	2
## 22640	24	69	57	1028.4	1028.3	5
## 22641	22	59	58	1031.2	1029.2	5
## 22642	26	66	61	1029.5	1026.4	6
## 22644	22	66	62	1017.7	1012.5	3
## 22645	26	66	86	1008.7	1003.6	7
## 22646	37	67	93	1003.3	1003.0	6
## 22647	31	76	54	1014.6	1014.9	4
## 22648	22	53	59	1023.9	1022.6	7
## 22649	13	92	63	1026.1	1023.7	7
## 22650	13	60	56	1024.2	1021.9	7
## 22651	19	73	68	1022.9	1021.1	3
## 22652	19	61	55	1023.1	1020.4	5
## 22653	13	65	78	1021.9	1019.7	6
## 22654	15	71	63	1021.9	1019.8	2
## 22655	13	73	52	1021.3	1018.8	3
## 22656	15	61	66	1019.2	1016.2	7
## 22657	33	83	89	1014.6	1011.4	7
## 22658	22	80	67	1009.6	1008.2	3
## 22659	13	91	82	1010.3	1008.4	7
## 22660	26	91	76	1007.7	1004.2	8
## 22661	35	68	58	1006.6	1004.5	2
## 22662	31	54	60	1009.0	1007.9	6
## 22663	28	63	58	1013.7	1013.4	7
## 22664	13	59	62	1019.7	1018.0	7
## 22665	20	82	61	1024.2	1023.1	8
## 22666	20	55	52	1026.7	1025.0	5
## 22667	24	53	60	1023.3	1020.6	8
## 22669	24	86	71	1006.8	1006.3	6
## 22670	19	65	65	1016.9	1017.2	7
## 22671	20	58	52	1021.6	1020.1	2
## 22672	28	73	65	1021.9	1020.3	4
## 22673	39	73	69	1022.1	1020.3	6
## 22674	43	82	85	1019.7	1016.6	7
## 22676	20	87	89	1017.2	1016.5	7
## 22677	9	69	63	1020.9	1019.0	6
## 22678	13	57	59	1020.7	1019.6	1
## 22679	13	82	82	1023.4	1021.6	7
## 22680	20	73	56	1025.0	1023.6	2
## 22681	13	58	47	1026.0	1023.5	2
## 22682	19	81	55	1026.4	1025.5	6
## 22683	22	53	49	1028.2	1025.8	6
## 22684	22	70	71	1025.0	1022.1	2
## 22685	22	54	45	1022.0	1019.8	4
## 22686	24	71	50	1021.6	1019.6	7
## 22687	22	50	58	1024.4	1023.2	7
## 22688	19	50	50	1029.9	1029.1	7
## 22689	26	64	62	1031.0	1028.1	7
## 22690	17	82	81	1027.8	1025.1	4
## 22691	31	81	72	1025.0	1021.9	5
## 22692	30	70	67	1022.5	1020.1	5

## 22693	26	69	65	1022.7	1021.0	1
## 22694	15	63	61	1024.4	1021.9	7
## 22695	9	65	65	1020.8	1017.8	2
## 22696	22	73	94	1015.2	1012.6	7
## 22697	17	69	63	1018.0	1018.3	7
## 22698	20	65	66	1025.0	1023.9	1
## 22699	19	56	47	1027.5	1026.3	2
## 22700	24	60	67	1028.8	1026.6	3
## 22701	26	67	72	1027.0	1023.5	3
## 22702	37	69	91	1021.3	1016.5	7
## 22703	37	91	79	1011.6	1005.4	8
## 22704	24	86	84	1001.4	1000.5	6
## 22705	39	90	81	1004.1	1004.0	7
## 22706	28	78	72	1012.0	1011.4	3
## 22707	11	62	64	1017.4	1016.5	1
## 22708	9	68	56	1021.0	1018.5	1
## 22709	19	73	66	1021.6	1019.3	2
## 22710	15	68	64	1019.9	1017.1	1
## 22711	7	79	87	1017.6	1014.2	7
## 22712	20	89	87	1008.2	1004.6	7
## 22713	24	86	73	1005.6	1006.1	6
## 22714	28	71	60	1012.9	1013.3	4
## 22715	20	60	59	1017.6	1015.5	2
## 22716	26	60	69	1016.7	1014.7	2
## 22717	20	57	58	1018.5	1017.9	1
## 22718	17	61	52	1020.2	1015.9	7
## 22719	30	69	56	1015.4	1014.5	1
## 22720	24	61	50	1018.7	1016.2	6
## 22721	24	44	47	1018.8	1015.9	2
## 22722	19	63	63	1017.4	1014.9	1
## 22723	20	56	59	1015.5	1011.5	5
## 22724	15	77	64	1010.6	1009.9	6
## 22725	17	63	55	1014.4	1013.6	1
## 22726	17	60	53	1018.0	1016.6	1
## 22727	24	53	73	1017.2	1014.7	3
## 22728	30	66	59	1017.8	1018.1	3
## 22729	22	47	58	1022.9	1021.7	6
## 22730	13	58	59	1024.5	1022.6	6
## 22731	9	65	64	1023.2	1019.7	1
## 22732	22	72	68	1021.8	1019.4	6
## 22733	22	79	48	1023.4	1020.9	7
## 22734	20	67	52	1024.3	1022.4	5
## 22735	13	54	56	1024.0	1021.6	5
## 22736	17	94	69	1023.1	1019.9	7
## 22737	31	77	83	1020.4	1019.7	7
## 22738	22	48	61	1023.9	1021.1	1
## 22739	43	47	59	1018.7	1016.6	2
## 22740	30	57	52	1023.4	1023.5	7
## 22741	19	53	58	1028.6	1027.3	3
## 22742	20	67	61	1027.9	1025.2	7
## 22743	19	56	59	1024.7	1022.4	5
## 22744	15	74	57	1023.7	1021.4	1
## 22745	24	82	83	1020.6	1017.6	7
## 22747	22	80	82	1015.9	1013.1	4

## 22748	13	50	65	1018.7	1016.9	1
## 22749	19	56	55	1019.1	1015.0	2
## 22750	48	82	71	1008.2	1005.6	7
## 22751	19	69	69	1015.0	1015.2	4
## 22752	26	64	69	1019.3	1017.6	3
## 22753	19	82	82	1019.3	1017.0	2
## 22754	15	84	81	1017.3	1014.8	3
## 22755	22	89	72	1014.1	1009.9	7
## 22756	13	72	67	1015.8	1014.2	1
## 22757	24	77	76	1016.0	1011.5	7
## 22758	31	70	63	1008.6	1008.1	7
## 22759	30	59	70	1014.7	1013.3	1
## 22760	22	85	81	1016.5	1014.8	6
## 22761	19	81	77	1018.6	1016.3	1
## 22762	13	84	81	1017.7	1015.4	7
## 22763	28	82	85	1015.3	1013.3	6
## 22764	22	57	58	1019.2	1018.6	1
## 22765	13	57	58	1024.3	1022.1	6
## 22766	7	59	55	1023.2	1020.7	7
## 22767	20	61	60	1021.1	1017.9	8
## 22776	22	61	56	1017.5	1017.7	1
## 22777	15	61	59	1023.0	1020.3	4
## 22778	24	78	73	1017.2	1013.5	5
## 22779	28	75	54	1015.5	1016.4	6
## 22780	13	46	50	1025.0	1024.3	2
## 22781	24	51	54	1027.0	1025.3	5
## 22782	24	63	53	1026.7	1025.0	7
## 22783	35	54	59	1027.2	1025.1	1
## 22784	26	60	60	1025.9	1023.7	1
## 22785	28	59	50	1024.1	1021.9	5
## 22786	19	59	60	1022.4	1021.0	1
## 22787	20	71	61	1022.3	1020.7	3
## 22788	17	76	76	1020.1	1018.2	3
## 22789	13	81	76	1018.5	1017.9	4
## 22790	19	84	79	1019.1	1016.6	7
## 22791	20	80	71	1017.2	1016.0	7
## 22792	13	53	58	1020.2	1019.3	3
## 22793	13	60	65	1021.4	1019.5	3
## 22794	22	70	63	1019.8	1016.6	6
## 22795	26	92	80	1015.7	1013.2	7
## 22796	22	67	55	1016.1	1015.4	5
## 22797	19	58	52	1019.4	1017.9	3
## 22798	15	72	60	1020.4	1018.6	7
## 22799	15	62	64	1018.6	1016.4	3
## 22800	28	73	56	1014.5	1013.5	7
## 22801	28	66	52	1014.3	1013.7	5
## 22802	26	69	58	1015.1	1013.2	5
## 22804	20	59	55	1018.5	1017.7	7
## 22805	17	58	58	1018.6	1017.0	7
## 22806	15	60	52	1020.1	1019.6	8
## 22807	15	53	63	1021.7	1020.5	7
## 22808	17	68	70	1021.0	1019.7	7
## 22809	30	59	59	1021.0	1019.3	1
## 22810	20	54	67	1019.3	1016.9	6

```
## 22811          30          80          73          1015.6          1013.2          8
## 22812          20          83          84          1014.7          1013.8          6
## 22813          19          79          88          1017.5          1015.8          6
## 22814          17          94          93          1012.4          1008.8          8
## 22815           9          71          57          1006.6          1004.6          7
## 22816          15          76          75          1005.2          1005.1          3
## 22817          28          87          75          1009.3          1009.4          7
## 22818          26          81          74          1013.8          1012.2          7
## 22819          15          92          82          1013.3          1010.9          8
## 22820          22          78          81          1008.7          1006.7          6
## 22821          20          80          79          1007.4          1005.5          7
## 22822          30          71          70          1006.5          1005.9          1
## 22823          28          65          69          1008.9          1008.1          2
## 22824          17          69          65          1014.3          1013.7          1
## 22825          19          68          68          1016.0          1014.9          5
## 22831          17          74          74          1012.5          1011.8          7
## 22832          20          68          59          1015.8          1015.6          7
## 22833          20          52          54          1016.3          1014.9          2
## 22834          20          67          52          1016.5          1014.6          7
## 22835          20          53          60          1016.0          1014.2          5
## 22836          17          77          71          1014.2          1013.1          5
## 22837          15          65          64          1012.6          1011.5          5
## 22838          20          72          72          1013.9          1012.6          7
## 22839          17          68          71          1014.1          1013.8          7
## 22840          20          80          78          1014.4          1013.0          6
## 22841          20          76          69          1014.4          1013.6          4
## 22842          20          67          69          1016.7          1015.7          2
## 22843          20          68          65          1018.7          1017.8          3
## 22844          28          54          63          1018.3          1017.0          1
## 22845          24          57          52          1017.8          1016.8          2
## 22846          22          57          57          1016.8          1015.5          1
## 22848          20          74          78          1019.0          1017.8          7
## 22849          17          65          62          1018.7          1017.7          4
## 22850          15          72          43          1016.8          1015.1          4
## 22851          20          88          67          1014.0          1012.4          7
## 22852          17          73          85          1012.0          1009.7          7
## 22853          15          82          93          1008.5          1007.2          4
## 22854          24          69          57          1008.9          1008.6          2
## 22855          22          62          61          1011.9          1011.2          1
## 22856           9          67          66          1013.0          1012.4          7
## 22857          13          71          66          1013.7          1013.4          7
## 22858          19          80          70          1014.4          1012.7          6
## 22859          15          83          72          1012.0          1010.1          5
## 22860          13          77          67          1010.4          1009.5          1
## 22861          15          81          77          1011.3          1010.8          1
## 22862          19          74          74          1012.4          1011.5          1
## 22863          15          86          69          1012.3          1010.9          5
## 22864          22          59          54          1013.9          1013.3          6
## 22865          30          52          48          1017.8          1017.8          2
## 22866          20          51          47          1021.1          1019.8          7
## 22867          26          50          55          1019.1          1017.0          6
## 22868          19          57          58          1015.9          1014.5          5
## 22869          17          65          59          1015.8          1015.6          4
## 22870          22          67          58          1018.9          1018.5          6
```

```
## 22871          24          61          61      1022.0      1021.3          2
## 22872          22          59          54      1020.6      1018.3          7
## 22873          20          54          59      1017.2      1015.8          7
## 22874          28          57          56      1015.6      1012.9          7
## 22875          52          92          98      1006.7       998.4          8
## 22876          31          82          80      1000.8      1004.3          7
## 22877          15          72          69      1012.6      1012.5          1
## 22878          15          72          72      1016.7      1016.6          4
## 22879          19          81          74      1018.2      1017.4          5
## 22880          28          86          75      1018.1      1016.8          7
## 22881          30          78          73      1013.8      1011.2          7
## 22882          19          73          90      1012.9      1012.5          7
## 22883          28          81          63      1017.4      1017.4          8
## 22884          30          61          50      1018.6      1016.7          7
## 22885          30          50          59      1016.4      1015.2          3
## 22886          28          54          59      1016.4      1015.4          3
## 22887          30          62          56      1013.4      1011.2          8
## 22888          17          66          71      1010.2      1008.3          4
## 22889          26          62          61      1012.1      1012.6          3
## 22890          30          69          79      1015.0      1014.6          5
## 22891          26          95          95      1015.0      1012.3          8
## 22893          19          93          95      1008.4      1008.1          7
## 22894          19          93          78      1012.2      1013.3          8
## 22895          19          67          65      1017.6      1016.7          6
## 22896          24          83          62      1017.0      1014.7          7
## 22897          22          62          71      1013.0      1012.1          7
## 22898          22          69          68      1012.1      1011.4          4
## 22899          13          69          64      1013.5      1013.0          2
## 22900          13          64          63      1014.0      1012.0          1
## 22901          15          76          65      1012.3      1010.9          7
## 22902          17          71          72      1012.2      1011.5          7
## 22903          24          71          74      1013.5      1012.1          6
## 22904          24          78          75      1014.0      1012.6          6
## 22905          24          92          92      1010.4      1008.9          7
## 22906          22          82          82      1009.9      1008.5          2
## 22907          15          95          83      1010.7      1009.4          7
## 22908          17          84          84      1009.2      1007.6          7
## 22909          20          92          84      1006.7      1005.6          7
## 22910          31          82          81      1009.0      1009.3          4
## 22911          30          57          55      1013.7      1012.4          3
## 22912          24          46          72      1014.4      1012.7          4
## 22913          28          76          66      1014.2      1014.0          6
## 22914          24          68          67      1014.5      1014.0          2
## 22915          24          93          76      1014.1      1013.2          8
## 22916          28          64          59      1014.8      1013.0          2
## 22917          17          67          75      1015.0      1013.9          3
## 22918          26          61          56      1016.5      1015.6          7
## 22919          24          58          54      1018.3      1017.2          1
## 22920          17          76          63      1017.1      1015.8          6
## 22921          20          78          53      1018.3      1017.2          7
## 22922          24          61          65      1019.3      1018.0          5
## 22923          20          70          68      1019.4      1018.2          3
##        Cloud3pm Temp9am Temp3pm RainToday RainTomorrow
## 6050          5    26.6    33.4         0            0
```

```
## 6051      1    20.3    27.0        0           0
## 6053      6    28.7    34.9        0           0
## 6054      5    29.1    35.6        0           0
## 6055      6    33.6    37.6        0           0
## 6056      8    30.7    34.3        0           0
## 6057      1    25.0    31.5        0           0
## 6058      1    20.7    32.8        0           0
## 6059      5    23.4    33.3        0           0
## 6060      5    24.0    33.6        0           0
## 6061      1    29.8    36.4        0           0
## 6062      2    29.1    37.0        0           0
## 6063      3    31.5    38.1        0           0
## 6064      6    31.4    37.8        0           0
## 6065      0    25.0    32.2        0           0
## 6066      1    19.9    30.3        0           0
## 6067      2    21.6    32.2        0           0
## 6068      6    26.2    34.1        0           1
## 6069      7    27.0    37.0        1           0
## 6070      7    28.9    29.7        0           0
## 6071      7    24.4    27.3        0           1
## 6072      4    24.7    33.4        1           1
## 6073      6    28.1    33.2        1           0
## 6074      1    26.4    35.0        0           0
## 6075      1    28.7    38.7        0           0
## 6076      3    29.0    36.4        0           0
## 6077      2    29.6    37.0        0           0
## 6078      1    29.9    38.4        0           0
## 6079      1    29.9    37.5        0           0
## 6080      2    29.0    36.9        0           0
## 6081      3    30.1    38.9        0           0
## 6082      2    32.0    38.5        0           0
## 6083      2    29.9    38.7        0           1
## 6084      4    28.2    38.8        1           0
## 6085      3    32.6    43.0        0           0
## 6086      2    35.6    41.4        0           0
## 6087      0    32.1    40.0        0           0
## 6088      1    31.6    40.4        0           0
## 6089      5    26.1    35.4        0           0
## 6090      4    19.6    24.9        0           0
## 6091      0    14.8    24.1        0           0
## 6092      6    17.4    28.4        0           0
## 6093      7    18.5    22.4        0           1
## 6094      7    17.1    17.0        1           1
## 6095      6    18.9    22.7        1           0
## 6096      7    19.2    17.1        0           1
## 6097      7    16.6    20.6        1           1
## 6098      6    20.1    27.0        1           0
## 6099      3    22.1    30.0        0           0
## 6100      4    25.9    33.1        0           0
## 6101      1    23.0    30.3        0           0
## 6102      2    22.3    32.3        0           0
## 6103      4    25.9    34.0        0           1
## 6104      4    25.6    32.9        1           0
## 6105      2    23.6    31.7        0           0
```

```
## 6106        1    24.0    32.4        0              0
## 6107        1    22.5    32.3        0              0
## 6108        2    25.8    35.8        0              0
## 6109        3    20.4    30.4        0              0
## 6110        6    23.1    29.3        0              0
## 6111        1    25.0    37.5        0              0
## 6112        1    18.6    22.9        0              0
## 6113        0    15.1    22.5        0              0
## 6114        0    16.7    24.9        0              0
## 6115        0    18.7    27.8        0              0
## 6116        0    22.6    31.8        0              0
## 6117        6    22.5    31.3        0              0
## 6118        7    24.2    28.5        0              0
## 6119        1    21.8    30.2        0              0
## 6120        5    23.9    31.2        0              1
## 6121        6    20.0    28.8        1              1
## 6123        0    17.1    23.3        0              0
## 6124        3    16.0    23.2        0              0
## 6125        0    15.9    24.4        0              0
## 6126        0    20.2    27.7        0              0
## 6127        1    21.3    30.8        0              0
## 6128        1    23.8    32.7        0              0
## 6129        3    22.8    32.6        0              0
## 6130        1    21.9    32.8        0              0
## 6131        1    24.8    34.7        0              0
## 6132        1    25.1    35.6        0              0
## 6133        5    25.7    35.6        0              0
## 6134        4    25.2    36.3        0              0
## 6135        1    22.5    30.8        0              0
## 6136        1    20.6    29.8        0              0
## 6137        6    20.6    30.2        0              0
## 6138        1    20.4    29.4        0              0
## 6140        6    20.4    28.8        0              0
## 6141        6    21.9    29.4        0              0
## 6142        6    23.6    30.9        0              0
## 6143        0    16.3    23.6        0              0
## 6144        0    16.9    24.0        0              0
## 6145        0    16.4    22.2        0              0
## 6146        0    13.8    24.6        0              0
## 6147        3    19.9    28.1        0              0
## 6148        7    20.1    26.7        0              1
## 6149        7    16.9    19.9        1              1
## 6150        5    17.6    24.0        1              1
## 6151        5    18.5    22.9        1              0
## 6152        7    18.9    22.1        0              0
## 6154        1    22.0    27.4        0              0
## 6155        2    17.3    28.8        0              0
## 6156        0    17.2    23.5        0              0
## 6157        0    17.9    23.1        0              0
## 6158        0    18.9    24.7        0              0
## 6159        1    18.0    23.5        0              0
## 6160        1    17.2    23.4        0              0
## 6161        1    17.9    23.7        0              0
## 6162        4    17.5    25.3        0              0
```

```
## 6163          6   18.5   23.9          0               0
## 6164          5   17.1   21.9          0               0
## 6165          6   13.1   16.5          0               0
## 6166          1   12.6   18.8          0               0
## 6167          3   14.7   18.6          0               0
## 6168          2   11.4   16.4          0               0
## 6170          6   14.0   19.1          0               0
## 6171          1   15.2   19.8          0               0
## 6172          1   14.8   21.9          0               0
## 6173          1   15.6   23.2          0               0
## 6174          2   16.4   22.6          0               0
## 6175          3   16.2   22.5          0               0
## 6176          1   14.8   22.6          0               0
## 6177          0   12.6   21.0          0               0
## 6178          0   12.9   21.5          0               0
## 6179          0   15.2   22.7          0               0
## 6180          4   15.1   23.1          0               0
## 6181          4   16.3   21.6          0               0
## 6182          4   15.6   19.7          0               0
## 6183          3   13.4   19.2          0               0
## 6184          1   15.3   20.2          0               0
## 6185          6   15.5   19.9          0               0
## 6186          6   12.3   18.5          0               0
## 6188          8   13.9   13.7          1               1
## 6189          8   13.1   13.2          1               1
## 6190          5   15.4   19.5          1               0
## 6191          3   14.8   20.4          0               0
## 6192          4   16.8   22.4          0               0
## 6193          2   16.9   22.6          0               0
## 6194          5   15.4   20.8          0               0
## 6195          7   13.9   19.9          0               1
## 6196          7   12.7   16.1          1               0
## 6197          2   10.7   15.6          0               0
## 6198          4    7.8   15.3          0               0
## 6199          4   11.7   16.9          0               0
## 6200          8   11.6   14.8          0               1
## 6201          8   11.4   11.9          1               1
## 6202          8   12.6   13.6          1               1
## 6204          4   12.2   17.5          0               0
## 6205          3   10.9   16.6          0               0
## 6206          7   11.5   11.9          0               1
## 6207          7   10.2   13.8          1               0
## 6208          8   11.5   14.0          0               0
## 6209          7    8.8   12.9          0               0
## 6211          1    5.6   11.6          0               0
## 6212          7    6.9   12.1          0               0
## 6213          2    8.3   16.9          0               0
## 6214          2   10.8   17.7          0               0
## 6215          7    7.9   14.1          0               0
## 6216          2    9.9   16.6          0               0
## 6217          6   10.6   17.6          0               0
## 6218          2   10.2   17.2          0               0
## 6219          6   10.2   17.1          0               0
## 6220          7   12.2   18.4          0               0
```

```
## 6221          6    13.6    18.9        0              1
## 6222          1    13.2    20.1        1              0
## 6223          5    12.1    21.8        0              0
## 6224          1    11.3    16.4        0              0
## 6225          6     9.4    15.5        0              0
## 6226          7     9.3    11.6        0              1
## 6227          7    11.0    12.3        1              1
## 6228          5    11.3    15.0        1              0
## 6230          7    14.1    18.9        0              0
## 6231          0    12.6    16.7        0              0
## 6232          5    10.4    14.9        0              0
## 6233          5    10.0    12.6        0              0
## 6234          7     9.9    12.4        0              0
## 6235          6    10.6    14.0        0              0
## 6236          4     7.1    12.4        0              0
## 6237          1     5.7    14.5        0              0
## 6238          3     9.5    16.3        0              0
## 6239          1     9.8    16.9        0              0
## 6240          2     9.1    17.5        0              0
## 6241          3    10.9    17.9        0              0
## 6242          8    12.7    16.8        0              0
## 6243          7     9.8    14.0        0              0
## 6245          7     8.1     9.6        1              1
## 6247          7     7.3    12.9        0              0
## 6248          5     8.7    14.8        0              0
## 6249          0    10.2    17.4        0              0
## 6251          6    12.7    21.8        0              0
## 6252          8    16.5    14.8        0              1
## 6253          3     9.2    12.6        1              0
## 6254          1     8.0    14.8        0              0
## 6255          2     9.8    16.4        0              0
## 6256          7     9.1    11.4        0              1
## 6257          7     6.0    11.1        1              0
## 6258          6     9.3    15.9        0              0
## 6259          7    11.6    14.6        0              0
## 6260          7    10.2    14.2        0              0
## 6261          5    11.4    16.3        0              0
## 6262          2    11.1    15.7        0              0
## 6263          0    12.1    17.4        0              0
## 6266          2    11.4    18.9        0              0
## 6267          2    13.1    20.1        0              0
## 6268          1    15.0    17.2        0              0
## 6269          1     8.3    15.6        0              0
## 6270          7     7.7    16.2        0              0
## 6271          7    10.7    20.1        0              0
## 6272          1    12.8    18.2        0              0
## 6273          1    14.5    18.7        0              0
## 6274          7    14.0    17.0        0              0
## 6275          1    15.5    20.1        0              0
## 6276          0    13.7    22.5        0              0
## 6277          6    17.6    26.5        0              0
## 6278          1    13.1    17.3        0              0
## 6279          0    13.4    18.4        0              0
## 6280          3    12.8    20.2        0              0
```

```
## 6281        1    16.6    21.9        0           0
## 6282        8    18.7    25.6        0           0
## 6283        8    14.7    18.0        0           0
## 6284        5    17.2    28.5        0           0
## 6285        6    17.8    21.9        0           0
## 6286        4    12.2    16.0        0           0
## 6287        0    12.0    18.1        0           0
## 6288        4    15.5    22.5        0           0
## 6289        7    16.6    23.0        0           0
## 6290        7    20.7    25.7        0           0
## 6291        3    11.3    14.7        0           0
## 6292        1    11.9    17.8        0           0
## 6293        2    15.2    20.4        0           0
## 6294        0    15.8    22.0        0           0
## 6297        0    13.0    18.2        1           0
## 6298        2    14.5    20.4        0           0
## 6299        4    16.3    19.1        0           0
## 6300        3    12.5    16.9        0           0
## 6301        1    12.1    18.1        0           0
## 6303        0    17.1    25.6        0           0
## 6304        0    21.8    29.1        0           0
## 6305        0    22.9    32.2        0           0
## 6306        0    16.6    23.8        0           0
## 6307        3    17.8    24.1        0           0
## 6308        0    18.5    27.8        0           0
## 6309        8    24.7    25.9        0           1
## 6310        1    14.7    22.4        1           0
## 6311        3    19.8    26.0        0           0
## 6312        7    22.4    26.5        0           0
## 6313        8    18.4    17.3        0           0
## 6314        7    20.0    26.9        0           0
## 6315        6    11.4    17.7        0           0
## 6316        1    14.8    21.1        0           0
## 6317        2    19.8    26.8        0           0
## 6318        5    11.4    16.3        0           0
## 6319        1    11.3    15.6        0           0
## 6320        0    11.0    18.2        0           0
## 6321        3    15.0    21.2        0           0
## 6322        0    20.6    26.7        0           0
## 6323        0    25.0    33.8        0           0
## 6324        2    24.6    31.0        0           0
## 6325        6    12.7    17.2        0           0
## 6326        5    14.4    18.7        0           0
## 6327        3    16.2    21.9        0           0
## 6328        4    15.1    21.1        0           0
## 6329        2     9.7    17.1        0           0
## 6330        0    10.3    18.7        0           0
## 6331        1    13.6    21.1        0           0
## 6332        7    14.3    22.1        0           0
## 6333        1    17.3    25.7        0           0
## 6334        7    19.0    16.8        0           0
## 6335        4    16.6    22.4        0           0
## 6336        4    14.7    20.8        0           0
## 6337        7    16.0    19.7        0           0
```

```
## 6338     2   11.6   18.9        0              0
## 6339     5   14.4   20.3        0              0
## 6340     0   16.3   24.2        0              0
## 6341     0   19.4   27.3        0              0
## 6342     0   23.5   31.6        0              0
## 6343     6   27.2   34.5        0              0
## 6344     5   27.6   36.0        0              0
## 6345     3   28.0   33.2        0              0
## 6348     8   12.0   15.0        1              1
## 6349     7   15.5   22.2        1              0
## 6350     6   18.6   24.1        0              0
## 6351     5   21.6   30.4        0              0
## 6352     7   22.5   29.7        0              0
## 6353     3   25.3   32.2        0              0
## 6354     3   26.6   33.3        0              0
## 6355     3   29.6   36.3        0              0
## 6356     7   31.2   37.4        0              0
## 6357     3   18.5   26.5        0              0
## 6358     1   19.9   26.3        0              0
## 6359     2   21.7   30.3        0              0
## 6360     4   21.4   27.6        0              0
## 6361     4   22.6   30.9        0              0
## 6362     2   24.6   30.9        0              0
## 6363     2   24.1   32.9        0              0
## 6364     1   27.8   34.5        0              0
## 6365     2   31.5   39.1        0              0
## 6366     1   30.0   37.2        0              0
## 6367     1   25.2   35.2        0              0
## 6368     1   32.1   38.0        0              0
## 6369     7   34.3   39.2        0              0
## 6370     1   28.8   36.8        0              0
## 6371     1   27.3   39.9        0              0
## 6372     5   31.1   43.4        0              0
## 6373     6   37.3   43.3        0              0
## 6374     1   30.2   37.5        0              0
## 6375     7   28.6   27.4        0              0
## 6376     8   18.3   14.8        0              1
## 6377     7   19.6   32.3        1              0
## 6378     6   27.5   34.8        0              0
## 6379     7   24.0   23.7        0              1
## 6380     1   24.8   30.6        1              0
## 6381     1   21.6   30.1        0              0
## 6382     1   20.0   24.5        0              0
## 6383     7   20.7   25.6        0              0
## 6384     2   19.1   26.8        0              0
## 6385     1   20.2   28.4        0              0
## 6386     1   23.7   31.5        0              0
## 6387     1   25.0   35.0        0              0
## 6388     1   24.6   30.7        0              0
## 6389     1   24.6   30.7        0              0
## 6390     2   29.1   36.2        0              0
## 6391     7   31.5   38.2        0              0
## 6392     1   19.0   28.4        0              0
## 6393     8   26.7   32.1        0              0
```

```
## 6395          1    21.1   29.7          0             0
## 6396          1    24.1   31.7          0             0
## 6397          1    27.1   34.5          0             0
## 6398          1    27.2   36.9          0             0
## 6399          3    31.2   40.8          0             0
## 6400          5    34.4   38.5          0             1
## 6401          7    18.8   19.9          1             0
## 6402          0    22.5   29.1          0             0
## 6403          3    25.6   33.2          0             0
## 6404          3    27.2   35.5          0             0
## 6405          4    27.7   36.7          0             0
## 6406          3    29.5   37.6          0             0
## 6407          7    31.3   38.7          0             1
## 6408          8    20.4   23.1          1             1
## 6409          7    21.5   24.4          1             1
## 6410          7    22.0   28.1          1             0
## 6411          5    23.3   29.7          0             0
## 6412          3    25.1   32.3          0             0
## 6413          7    24.8   30.8          0             0
## 6414          7    23.5   26.6          0             1
## 6415          8    21.3   23.8          1             1
## 6416          6    24.0   31.3          1             0
## 6417          1    20.7   28.1          0             0
## 6418          2    23.1   33.3          0             0
## 6419          7    28.2   21.6          0             1
## 6420          7    25.9   32.9          1             0
## 6421          5    25.6   34.9          0             0
## 6422          3    27.0   34.9          0             0
## 6423          3    28.9   34.8          0             0
## 6424          2    30.7   37.7          0             0
## 6425          1    33.0   41.4          0             0
## 6426          1    33.9   39.5          0             0
## 6427          4    30.0   34.7          0             0
## 6428          1    22.5   32.8          0             0
## 6429          6    28.1   35.6          0             0
## 6430          3    28.9   37.5          0             0
## 6431          1    21.9   28.4          0             0
## 6432          1    17.2   22.8          0             0
## 6433          0    18.1   26.5          0             0
## 6434          0    23.2   32.9          0             0
## 6435          1    29.1   38.6          0             0
## 6436          0    31.8   39.6          0             0
## 6437          1    32.9   39.3          0             0
## 6438          1    26.9   36.6          0             0
## 6439          6    29.5   40.2          0             0
## 6440          1    31.5   40.4          0             0
## 6441          3    34.1   40.1          0             0
## 6442          7    30.2   32.4          0             0
## 6443          3    27.9   35.6          0             0
## 6444          2    27.1   35.6          0             0
## 6445          7    26.5   33.0          0             0
## 6446          7    25.2   31.8          0             0
## 6447          5    23.6   31.3          0             0
## 6448          8    24.0   22.2          0             1
```

```
## 6449          7     19.8    29.3         1              1
## 6450          7     22.0    24.4         1              0
## 6451          7     20.5    22.5         0              1
## 6453          7     24.5    25.9         0              1
## 6454          3     24.1    31.1         1              0
## 6456          5     28.5    33.1         0              0
## 6458          8     21.4    22.5         1              1
## 6459          7     22.5    24.5         1              0
## 6460          1     21.8    28.5         0              0
## 6461          2     22.8    29.0         0              0
## 6462          1     23.3    30.6         0              0
## 6463          1     22.8    29.6         0              0
## 6464          3     20.7    28.7         0              0
## 6465          3     23.3    31.1         0              0
## 6466          2     25.8    33.1         0              0
## 6467          6     26.6    33.4         0              0
## 6468          1     22.8    29.9         0              0
## 6470          4     22.5    32.5         0              0
## 6471          3     22.6    31.8         0              0
## 6472          7     24.0    31.3         0              0
## 6473          8     24.8    31.1         0              0
## 6474          8     19.5    25.9         0              0
## 6475          6     18.5    26.2         0              0
## 6476          5     19.0    29.4         0              1
## 6477          8     18.9    20.8         1              1
## 6478          7     22.0    26.3         1              1
## 6479          3     22.4    29.6         1              0
## 6480          7     22.7    27.0         0              0
## 6481          1     19.6    25.8         0              0
## 6482          5     18.9    24.7         0              0
## 6483          1     16.0    21.5         0              0
## 6484          5     16.6    26.9         0              0
## 6485          3     17.6    26.7         0              0
## 6486          6     19.0    25.8         0              0
## 6487          5     18.1    26.2         0              0
## 6488          5     20.2    27.3         0              0
## 6489          5     23.0    30.3         0              0
## 6490          1     21.6    30.0         0              0
## 6491          1     22.8    31.8         0              0
## 6492          2     23.2    31.0         0              0
## 6493          1     25.1    33.7         0              0
## 6494          4     25.2    33.1         0              0
## 6495          1     21.8    28.8         0              0
## 6496          0     17.5    29.5         0              0
## 6497          1     19.1    30.7         0              0
## 6498          1     21.6    33.0         0              0
## 6499          2     22.5    33.8         0              0
## 6500          7     24.2    33.0         0              0
## 6502          8     25.4    29.9         0              1
## 6503          7     19.4    23.5         1              1
## 6504          6     19.9    26.7         1              0
## 6505          5     20.5    27.7         0              0
## 6506          1     19.0    27.9         0              0
## 6507          7     19.2    28.9         0              0
```

```
## 6508       6    21.1   28.1        0            0
## 6509       3    19.9   28.2        0            1
## 6510       8    17.9   18.3        1            1
## 6511       7    20.7   28.0        1            1
## 6512       7    19.8   24.7        1            0
## 6513       8    19.0   22.7        0            0
## 6514       5    21.5   26.1        0            0
## 6515       7    19.2   23.1        0            0
## 6518       4    14.4   22.6        0            0
## 6519       0    15.9   23.9        0            0
## 6520       3    20.1   26.6        0            0
## 6521       3    19.7   26.3        0            0
## 6522       3    19.6   27.2        0            0
## 6523       6    21.5   26.6        0            0
## 6524       6    22.2   27.0        0            0
## 6525       6    21.1   27.9        0            0
## 6526       5    22.8   28.8        0            0
## 6527       3    24.0   29.4        0            0
## 6528       7    23.7   29.3        0            1
## 6529       3    15.3   19.3        1            0
## 6530       1    15.7   19.8        0            0
## 6531       5    13.0   19.4        0            0
## 6533       1    17.2   21.7        0            0
## 6534       1    16.1   20.7        0            0
## 6535       1    15.8   23.8        0            0
## 6536       1    18.8   25.0        0            0
## 6537       4    18.7   26.8        0            0
## 6538       4    20.7   27.1        0            1
## 6539       0    13.1   16.9        1            0
## 6541       2    14.1   19.7        0            0
## 6542       1    14.7   21.7        0            0
## 6543       1    16.7   23.4        0            0
## 6544       1    16.9   24.7        0            0
## 6545       0    19.7   19.8        0            0
## 6547       0     9.5   17.2        0            0
## 6548       1    11.3   19.0        0            0
## 6551       7    15.1   21.3        0            0
## 6552       5    12.2   19.7        0            0
## 6553       1    14.9   20.6        0            0
## 6554       7    12.9   18.9        0            0
## 6555       1    12.4   19.7        0            0
## 6556       1    13.5   18.4        0            0
## 6557       4    13.0   19.6        0            0
## 6558       8    14.7   12.6        0            1
## 6559       8    14.4   17.3        1            1
## 6560       7    13.3   15.8        1            0
## 6561       5    12.4   19.1        0            0
## 6562       7    14.3   17.6        0            1
## 6563       7    12.2   14.5        1            1
## 6565       8    12.3   14.5        1            0
## 6566       7    11.8   16.9        0            1
## 6567       7    13.3   16.0        1            0
## 6568       6    10.3   18.2        0            0
## 6569       3    10.4   18.7        0            0
```

```
## 6570          1    10.7   15.8            0                0
## 6571          2     9.6   13.4            0                0
## 6572          7     7.0   13.2            0                0
## 6573          1     7.5   14.6            0                0
## 6574          4     8.1   13.1            0                0
## 6575          1     7.8   12.5            0                0
## 6577          3     9.0   14.1            0                0
## 6578          1     6.2   14.3            0                0
## 6579          3     9.0   18.1            0                0
## 6580          7    12.2   19.5            0                0
## 6581          7    11.2   18.8            0                1
## 6582          1    12.2   18.5            1                1
## 6584          4     9.8   17.1            0                0
## 6585          7    13.1   16.0            0                0
## 6586          7    12.5   16.3            0                0
## 6587          6     9.5   18.0            0                0
## 6588          5    12.6   18.1            0                0
## 6589          3    12.3   19.8            0                0
## 6590          6    13.7   20.8            0                1
## 6591          2    10.0   13.5            1                0
## 6593          2     4.7   10.4            0                0
## 6594          0     6.6   11.8            0                0
## 6595          2     7.4   15.7            0                0
## 6596          7     9.1   15.4            0                0
## 6597          8     7.7    8.2            0                1
## 6598          6     4.9   11.2            1                0
## 6599          6     5.4   13.3            0                0
## 6600          7     7.2   14.0            0                0
## 6601          7     5.2   10.5            0                0
## 6602          7     4.9   13.0            0                0
## 6603          3     9.3   16.6            0                0
## 6604          1     9.4   17.7            0                0
## 6605          7    12.0   18.1            0                0
## 6606          7    14.7   17.1            0                0
## 6607          7    11.7   19.1            0                0
## 6608          8    15.3   15.5            0                1
## 6609          2     9.8   14.4            1                0
## 6610          6    10.0   12.8            0                0
## 6611          2     8.1   13.4            0                0
## 6612          0     7.8   15.7            0                0
## 6613          1     9.5   16.9            0                0
## 6614          7    10.3   13.9            0                0
## 6615          1     4.4   12.6            0                0
## 6616          6     7.4   12.3            0                0
## 6617          1     4.8   14.0            0                0
## 6618          1     8.2   15.4            0                0
## 6619          7     9.0   16.0            0                0
## 9059          5    26.5   28.4            0                0
## 9060          7    23.4   24.4            0                1
## 9061          7    21.7   23.7            1                0
## 9062          2    22.5   24.8            0                0
## 9063          6    24.6   26.1            0                0
## 9064          1    27.1   27.3            0                0
## 9065          5    26.7   27.1            0                0
```

```
## 9066      8    25.8    26.4        0            1
## 9067      8    20.0    21.1        1            1
## 9068      2    21.2    23.3        1            0
## 9069      2    23.2    24.5        0            0
## 9070      3    24.8    26.0        0            0
## 9071      1    24.2    26.1        0            0
## 9072      1    24.9    26.1        0            0
## 9073      1    25.1    27.6        0            0
## 9074      5    26.3    26.5        0            1
## 9075      8    19.1    19.3        1            1
## 9076      7    20.9    21.7        1            0
## 9077      7    22.3    23.9        0            0
## 9078      5    23.4    26.4        0            0
## 9079      7    26.8    26.7        0            0
## 9080      8    24.7    26.1        0            0
## 9081      4    27.3    28.6        0            0
## 9082      4    29.3    28.0        0            0
## 9083      8    22.3    24.4        0            1
## 9084      3    23.0    26.1        1            1
## 9085      3    23.2    26.5        1            1
## 9086      3    24.9    26.8        1            0
## 9087      2    25.4    28.1        0            0
## 9088      1    22.9    28.0        0            0
## 9089      3    25.5    28.1        0            0
## 9090      5    26.6    27.2        0            1
## 9091      6    24.8    26.6        1            0
## 9092      6    22.3    25.8        0            0
## 9093      1    24.7    28.6        0            0
## 9094      1    24.3    28.5        0            0
## 9095      1    26.4    28.4        0            0
## 9096      1    26.6    28.7        0            0
## 9097      1    25.7    27.3        0            0
## 9098      1    24.3    27.8        0            0
## 9099      8    26.2    27.9        0            0
## 9100      7    23.6    25.8        0            1
## 9102      7    19.6    20.1        1            1
## 9103      8    18.6    20.8        1            1
## 9104      7    19.2    23.3        1            1
## 9108      6    23.8    24.4        1            1
## 9109      6    25.1    25.2        1            0
## 9110      2    24.5    26.6        0            1
## 9111      2    22.7    26.2        1            0
## 9113      1    25.2    27.8        0            0
## 9114      6    26.2    25.4        0            1
## 9115      3    19.8    24.3        1            1
## 9116      2    21.7    25.2        1            0
## 9117      1    22.0    26.7        0            0
## 9118      1    24.8    27.3        0            0
## 9119      7    24.3    25.1        0            1
## 9120      6    21.2    26.8        1            0
## 9121      7    26.5    26.6        0            1
## 9122      0    20.0    23.4        1            0
## 9123      1    20.2    25.6        0            0
## 9124      2    23.1    27.0        0            0
```

```
## 9125        3    24.9    27.0        0                0
## 9126        8    23.5    23.6        0                1
## 9127        6    22.0    26.0        1                1
## 9128        7    21.0    20.9        1                1
## 9129        7    21.0    24.5        1                0
## 9130        5    23.3    26.4        0                0
## 9131        1    24.0    25.9        0                1
## 9132        2    22.0    27.2        1                0
## 9133        7    23.4    21.2        0                1
## 9134        4    21.4    23.9        1                0
## 9135        5    21.2    24.6        0                0
## 9136        5    23.2    25.1        0                0
## 9137        5    22.3    26.1        0                0
## 9138        5    22.4    23.9        0                0
## 9139        5    20.6    25.0        0                1
## 9140        1    21.3    25.1        1                0
## 9141        1    22.5    25.7        0                0
## 9142        1    22.6    25.9        0                0
## 9143        1    22.6    25.7        0                0
## 9144        8    22.3    20.7        0                1
## 9145        4    20.8    24.3        1                0
## 9146        5    21.3    23.7        0                1
## 9147        8    19.7    21.3        1                1
## 9150        7    23.1    24.4        1                1
## 9151        8    20.7    22.8        1                1
## 9152        7    22.7    24.2        1                1
## 9153        7    19.6    19.8        1                1
## 9154        5    23.3    24.1        1                1
## 9155        7    20.2    20.0        1                1
## 9156        1    20.5    23.1        1                1
## 9157        5    18.1    21.0        1                1
## 9158        7    20.4    23.5        1                0
## 9159        8    22.8    23.1        0                1
## 9160        7    20.9    23.5        1                1
## 9161        8    20.0    20.0        1                1
## 9163        2    23.1    25.8        1                0
## 9164        0    21.7    24.6        0                0
## 9165        1    21.4    24.1        0                0
## 9166        6    21.1    22.0        0                1
## 9167        4    21.1    22.9        1                1
## 9168        8    20.8    16.4        1                1
## 9169        7    16.7    21.3        1                1
## 9170        7    17.1    20.4        1                1
## 9171        3    20.0    22.2        1                0
## 9172        7    20.3    23.2        0                0
## 9173        0    24.2    26.6        0                0
## 9174        1    21.9    27.1        0                0
## 9175        1    17.6    19.4        0                0
## 9176        1    19.0    23.6        0                0
## 9177        7    17.7    18.4        0                0
## 9178        2    18.5    20.7        0                0
## 9179        6    18.1    20.8        0                0
## 9180        6    18.3    20.9        0                0
## 9181        5    18.2    21.5        0                1
```

```
## 9182        4    17.4    21.3         1              1
## 9183        7    16.9    20.7         1              1
## 9184        6    16.4    18.2         1              1
## 9185        2    18.3    21.8         1              0
## 9186        3    19.4    21.2         0              0
## 9187        1    18.5    21.3         0              0
## 9188        6    18.9    19.4         0              1
## 9189        4    17.9    20.2         1              0
## 9192        0    17.8    21.1         0              0
## 9193        1    16.3    22.3         0              0
## 9194        2    17.3    21.5         0              0
## 9195        3    18.3    19.9         0              0
## 9196        7    17.1    17.6         0              1
## 9197        7    17.3    18.7         1              1
## 9198        8    19.5    20.3         1              1
## 9199        8    18.4    18.1         1              1
## 9201        8    18.8    20.3         1              1
## 9202        6    19.7    20.1         1              1
## 9203        7    17.0    17.7         1              0
## 9204        6    16.0    19.2         0              0
## 9205        2    16.3    20.0         0              0
## 9206        2    17.2    20.1         0              1
## 9207        6    16.2    18.6         1              0
## 9208        5    16.8    19.2         0              1
## 9209        7    14.3    18.4         1              0
## 9210        7    15.1    16.1         0              1
## 9211        7    14.5    18.2         1              1
## 9212        5    15.8    19.1         1              1
## 9214        3    15.9    20.5         0              0
## 9215        1    14.5    18.5         0              0
## 9222        3    14.5    18.3         0              0
## 9223        5    14.1    17.8         0              0
## 9224        4    14.2    19.0         0              1
## 9225        1    15.5    18.6         1              0
## 9226        7    16.5    17.0         0              1
## 9227        7    15.2    15.6         1              1
## 9228        7    13.8    15.7         1              1
## 9230        7    16.2    19.2         1              1
## 9232        2    14.7    18.7         1              0
## 9233        4    15.3    20.6         0              0
## 9234        7    14.7    14.6         0              0
## 9235        7    14.8    17.1         0              0
## 9236        6    13.6    17.1         0              0
## 9237        3    16.5    18.4         0              0
## 9238        1    14.8    18.6         0              0
## 9240        2    17.9    23.5         0              0
## 9241        6    13.2    18.2         0              0
## 9242        1    16.5    18.1         0              0
## 9243        0    13.4    17.4         0              0
## 9244        7    13.2    17.2         0              0
## 9245        6    12.8    16.8         0              0
## 9246        7    14.1    16.0         0              1
## 9247        7    14.6    13.0         1              1
## 9248        7    11.7    15.2         1              1
```

```
## 9249       5    14.1    16.4        1           1
## 9250       3    14.7    17.0        1           0
## 9251       0    14.6    18.6        0           0
## 9252       3    17.0    20.9        0           0
## 9253       2    14.4    17.1        0           0
## 9254       7    14.1    14.8        0           0
## 9256       5    14.5    17.5        0           0
## 9257       1    14.3    17.0        0           0
## 9258       1    14.9    18.1        0           0
## 9259       0    15.5    20.2        0           0
## 9260       4    16.7    21.1        0           0
## 9261       7    20.2    20.0        0           0
## 9262       0    20.6    20.1        0           0
## 9263       1    14.7    17.2        0           1
## 9264       4    13.0    17.3        1           0
## 9265       7    15.9    16.3        0           0
## 9266       1    16.3    18.2        0           0
## 9267       1    13.1    17.0        0           0
## 9268       1    14.2    17.1        0           0
## 9269       1    15.8    17.7        0           0
## 9270       0    13.1    19.3        0           0
## 9272       1    14.1    17.4        0           0
## 9273       0    14.4    18.7        0           0
## 9274       8    17.5    19.0        0           0
## 9275       5    14.2    17.8        0           0
## 9276       3    14.9    18.4        0           0
## 9277       3    18.3    20.0        0           0
## 9278       1    14.9    17.2        0           0
## 9279       2    14.1    17.2        0           0
## 9281       5    18.8    20.4        0           0
## 9282       7    16.5    20.1        0           0
## 9283       0    18.2    20.1        0           0
## 9284       1    17.9    18.9        0           0
## 9285       0    17.3    19.8        0           0
## 9286       0    17.2    21.4        0           0
## 9287       3    22.0    28.1        0           0
## 9288       1    16.2    18.6        0           0
## 9289       1    16.8    19.1        0           0
## 9290       4    17.7    20.2        0           0
## 9291       6    19.1    21.7        0           0
## 9292       7    20.1    19.6        0           0
## 9293       3    20.6    23.4        0           0
## 9294       1    27.9    27.8        0           0
## 9295       2    27.3    24.3        0           0
## 9296       1    19.4    22.1        0           0
## 9297       0    19.2    21.6        0           0
## 9298       0    21.0    21.8        0           0
## 9299       3    19.4    25.5        0           0
## 9300       5    23.2    21.7        0           0
## 9301       1    14.8    17.7        0           0
## 9302       0    16.9    19.3        0           0
## 9303       2    19.0    20.8        0           0
## 9304       5    20.6    20.7        0           0
## 9305       7    18.3    19.5        0           1
```

```
## 9306          3     19.2    19.6         1              0
## 9307          2     19.7    20.1         0              0
## 9308          7     20.5    20.4         0              1
## 9309          3     19.7    21.2         1              0
## 9310          1     17.5    19.4         0              0
## 9311          2     17.8    20.3         0              0
## 9312          0     19.2    19.6         0              0
## 9313          0     20.5    22.4         0              0
## 9314          0     22.7    22.0         0              0
## 9315          0     23.3    24.2         0              0
## 9316          7     21.4    21.8         0              0
## 9317          1     22.4    22.6         0              0
## 9318          1     23.3    23.2         0              0
## 9319          5     21.2    24.6         0              0
## 9320          5     20.7    21.5         0              0
## 9321          4     24.3    23.4         0              0
## 9323          5     19.6    21.2         1              1
## 9324          7     23.2    23.0         1              0
## 9325          1     20.0    21.4         0              0
## 9326          0     20.8    22.0         0              0
## 9327          7     25.4    29.6         0              0
## 9328          0     18.0    21.9         0              0
## 9329          1     17.8    23.5         0              0
## 9330          1     19.1    20.8         0              0
## 9331          0     21.9    21.9         0              0
## 9332          0     22.1    24.5         0              0
## 9333          0     28.7    26.2         0              1
## 9334          3     25.4    21.2         1              1
## 9335          8     15.2    15.9         1              1
## 9337          2     17.0    19.9         1              0
## 9338          4     20.6    25.7         0              0
## 9339          1     16.6    22.3         0              0
## 9340          1     16.8    20.6         0              0
## 9341          4     17.0    19.1         0              1
## 9344          3     23.0    33.0         0              0
## 9345          2     22.8    28.2         0              0
## 9346          1     21.7    23.1         0              0
## 9350          2     19.2    22.0         1              0
## 9351          1     21.0    22.6         0              0
## 9354          7     24.2    23.2         0              0
## 9355          2     22.3    24.3         0              0
## 9356          6     22.8    23.4         0              1
## 9357          8     20.5    19.9         1              1
## 9361          1     22.2    23.1         0              0
## 9362          5     21.7    23.4         0              0
## 9363          2     21.3    23.3         0              0
## 9364          1     23.0    24.0         0              0
## 9365          5     23.3    25.7         0              0
## 9367          8     21.8    23.5         0              1
## 9374          1     23.0    23.8         0              0
## 9375          7     21.3    22.3         0              1
## 9376          1     21.2    23.4         1              0
## 9377          1     23.5    25.9         0              0
## 9378          3     24.1    26.4         0              0
```

```
## 9379          8      25.8      23.5            0                0
## 9380          8      22.3      23.0            0                0
## 9381          1      24.4      25.2            0                0
## 9382          1      26.2      26.7            0                0
## 9383          0      26.6      28.1            0                0
## 9384          8      27.7      27.3            0                0
## 9387          1      24.4      24.9            0                0
## 9388          3      25.3      26.1            0                0
## 9389          3      23.9      25.4            0                0
## 9390          1      27.7      28.4            0                1
## 9391          1      27.5      37.4            1                0
## 9392          1      25.6      24.5            0                0
## 9393          7      20.9      20.3            0                1
## 9394          6      19.7      21.9            1                1
## 9395          1      20.9      22.9            1                0
## 9396          1      24.8      27.3            0                0
## 9397          6      23.6      24.3            0                1
## 9398          2      22.7      25.4            1                0
## 9399          1      26.2      27.7            0                0
## 9400          3      24.8      30.0            0                0
## 9401          7      24.9      23.8            0                0
## 9402          7      24.3      25.7            0                1
## 9403          7      23.5      26.0            1                0
## 9404          4      22.8      25.5            0                0
## 9405          0      26.4      25.7            0                0
## 9406          5      24.9      27.2            0                1
## 9410          6      27.0      24.2            0                1
## 9411          6      21.5      22.7            1                0
## 9412          7      22.7      23.3            0                0
## 9413          2      23.2      24.9            0                0
## 9414          7      23.0      26.8            0                0
## 9415          1      25.9      27.2            0                0
## 9416          1      26.6      27.7            0                0
## 9417          6      25.8      27.2            0                0
## 9418          8      26.2      25.6            0                1
## 9419          5      26.8      26.9            1                0
## 9420          7      24.3      24.5            0                1
## 9421          6      22.1      24.0            1                1
## 9422          8      22.2      21.1            1                1
## 9423          7      22.7      24.9            1                0
## 9424          6      24.3      26.4            0                0
## 9425          6      24.9      27.0            0                0
## 9426          7      24.5      24.5            0                1
## 9427          5      22.8      24.3            1                0
## 9429          7      25.6      26.7            0                0
## 9430          5      24.9      26.1            0                0
## 9431          2      25.0      27.2            0                0
## 9432          1      27.1      27.3            0                0
## 9433          1      26.2      28.1            0                0
## 9434          2      25.3      26.9            0                0
## 9435          1      26.7      27.0            0                0
## 9436          1      26.8      28.1            0                0
## 9437          1      25.6      27.1            0                0
## 9438          1      25.2      27.8            0                0
```

```
## 9439        5    25.3    26.0         0              0
## 9440        5    27.5    26.2         0              1
## 9441        1    25.1    26.0         1              0
## 9442        1    22.5    24.5         0              0
## 9443        0    24.3    27.5         0              0
## 9444        7    27.3    29.2         0              0
## 9445        3    27.4    28.2         0              0
## 9446        0    27.1    30.3         0              0
## 9447        1    24.9    26.7         0              0
## 9448        5    25.3    28.7         0              0
## 9449        3    27.9    30.3         0              0
## 9450        8    28.3    25.1         0              0
## 9451        6    25.3    25.3         0              1
## 9452        7    23.6    26.7         1              0
## 9453        3    26.0    27.7         0              1
## 9454        7    26.1    27.1         1              1
## 9455        7    24.1    26.9         1              1
## 9456        8    25.7    23.3         1              1
## 9458        7    24.2    26.5         1              1
## 9459        3    27.0    27.0         1              1
## 9460        8    23.7    24.3         1              1
## 9462        6    22.2    27.1         0              1
## 9463        4    22.5    26.6         1              1
## 9464        1    24.4    26.6         1              0
## 9465        2    25.2    26.9         0              0
## 9466        1    26.2    28.0         0              0
## 9467        5    26.7    29.6         0              0
## 9468        4    26.5    27.9         0              0
## 9469        5    27.8    29.1         0              1
## 9470        4    23.3    25.1         1              0
## 9471        3    24.5    25.8         0              0
## 9472        5    23.0    25.6         0              1
## 9473        4    21.6    26.2         1              1
## 9474        6    20.9    24.2         1              1
## 9475        4    24.1    27.5         1              0
## 9476        1    26.2    27.5         0              0
## 9477        5    28.0    29.8         0              1
## 9478        8    21.6    22.9         1              1
## 9479        7    21.0    24.2         1              1
## 9480        2    21.1    25.6         1              1
## 9481        7    22.0    25.8         1              0
## 9482        8    24.8    26.5         0              0
## 9483        8    23.2    21.9         0              1
## 9484        8    18.8    20.1         1              1
## 9485        8    19.1    21.4         1              1
## 9486        6    21.8    25.2         1              1
## 9487        6    23.3    25.4         1              1
## 9488        7    23.2    26.2         1              0
## 9489        7    22.8    26.2         0              1
## 9490        7    23.4    25.4         1              0
## 9491        5    26.2    26.1         0              0
## 9492        5    23.5    25.1         0              1
## 9493        8    19.0    21.7         1              1
## 9494        7    17.7    24.4         1              1
```

```
## 9495          4     17.5      24.4             1                 1
## 9496          6     20.3      23.4             1                 0
## 9497          7     20.6      24.2             0                 0
## 9498          7     19.9      22.8             0                 1
## 9499          7     19.3      22.9             1                 0
## 9500          2     22.3      25.6             0                 0
## 9501          2     21.0      26.5             0                 0
## 9502          1     22.9      25.9             0                 0
## 9503          1     23.3      27.3             0                 0
## 9504          1     24.9      26.8             0                 0
## 9505          5     22.3      26.5             0                 0
## 9506          2     22.1      26.2             0                 0
## 9507          1     22.5      26.6             0                 0
## 9508          1     23.7      26.1             0                 0
## 9509          5     23.8      26.8             0                 0
## 9510          3     23.4      26.6             0                 0
## 9511          7     24.5      26.2             0                 0
## 9512          7     24.9      26.1             0                 0
## 9513          7     21.4      22.6             0                 1
## 9514          3     21.5      24.6             1                 0
## 9515          2     21.2      24.6             0                 0
## 9516          1     21.6      24.9             0                 1
## 9517          3     20.6      23.7             1                 0
## 9518          1     21.6      23.4             0                 0
## 9519          8     21.2      22.6             0                 0
## 9520          8     22.2      24.7             0                 0
## 9521          5     23.4      24.0             0                 0
## 9522          7     23.8      23.7             0                 0
## 9523          1     23.2      26.1             0                 0
## 9525          7     24.1      23.9             0                 0
## 9526          1     21.0      23.9             0                 0
## 9527          1     21.2      23.8             0                 0
## 9528          5     21.0      23.8             0                 0
## 9529          4     22.4      24.1             0                 1
## 9530          3     20.9      22.7             1                 1
## 9531          3     20.6      23.9             1                 1
## 9532          7     20.7      22.7             1                 1
## 9533          7     18.7      19.1             1                 1
## 9534          5     20.4      22.9             1                 0
## 9535          1     22.6      24.2             0                 0
## 9536          1     22.7      24.7             0                 0
## 9537          7     24.5      26.6             0                 0
## 9538          8     23.1      23.9             0                 1
## 9539          1     18.9      22.3             1                 0
## 9540          7     19.6      22.0             0                 0
## 9541          1     22.6      24.0             0                 0
## 9542          0     20.4      24.1             0                 0
## 9543          4     20.3      22.4             0                 0
## 9544          6     20.4      23.3             0                 0
## 9545          1     21.8      24.3             0                 0
## 9546          1     20.8      24.2             0                 1
## 9547          8     17.7      19.3             1                 1
## 9548          1     20.3      23.7             1                 0
## 9549          3     16.7      20.0             0                 0
```

```
## 9550          1     17.4    21.5          0              0
## 9551          2     19.1    22.1          0              0
## 9552          1     19.7    22.8          0              0
## 9553          2     19.7    22.0          0              0
## 9554          5     20.6    19.2          0              0
## 9555          0     17.7    19.7          0              0
## 9556          0     15.0    20.4          0              0
## 9557          0     16.7    20.6          0              0
## 9558          1     17.1    21.6          0              0
## 9559          5     18.6    20.5          0              0
## 9560          7     16.1    18.1          0              1
## 9561          6     17.2    19.5          1              1
## 9562          4     18.1    21.1          1              0
## 9563          5     17.5    19.9          0              0
## 9564          7     18.6    18.8          0              1
## 9566          7     17.1    18.8          0              1
## 9567          7     17.5    19.1          1              0
## 9568          4     17.0    23.5          0              0
## 9569          4     20.3    21.3          0              1
## 9570          6     17.1    17.3          1              1
## 9571          4     15.5    19.4          1              1
## 9572          7     16.7    20.9          1              1
## 9573          3     16.8    18.8          1              0
## 9574          3     17.2    21.2          0              0
## 9575          8     18.3    21.2          0              1
## 9576          8     14.9    15.7          1              1
## 9577          8     14.7    14.5          1              1
## 9578          7     16.9    17.9          1              1
## 9579          5     18.1    20.6          1              0
## 9580          2     16.5    18.6          0              0
## 9581          7     16.4    18.5          0              0
## 9582          1     17.0    18.2          0              0
## 9583          6     16.2    21.5          0              0
## 9584          6     13.0    17.2          0              0
## 9585          7     13.2    16.2          0              0
## 9586          1     12.7    17.6          0              0
## 9587          7     15.5    16.3          0              1
## 9588          7     13.8    16.1          1              1
## 9589          7     15.0    14.6          1              0
## 9590          2     13.2    18.5          0              0
## 9591          8     15.8    17.3          0              0
## 9592          2     17.8    19.2          0              0
## 9593          1     14.8    17.3          0              0
## 9594          1     14.7    18.4          0              0
## 9595          3     13.9    18.9          0              1
## 9596          7     15.3    16.6          1              1
## 9597          7     15.1    18.1          1              1
## 9598          7     15.9    17.8          1              0
## 9599          1     16.5    20.1          0              0
## 9600          7     16.6    18.2          0              1
## 9601          5     14.9    17.6          1              0
## 9602          1     14.0    16.6          0              0
## 9603          1     10.9    15.7          0              0
## 9604          3     10.5    16.4          0              0
```

```
## 9605      7    9.1   14.1        0           0
## 9606      8   11.5   11.7        0           1
## 9607      2   12.1   17.2        1           0
## 9608      5   14.7   18.0        0           0
## 9609      6   15.0   16.6        0           1
## 9610      7   13.5   15.7        1           0
## 9611      8   15.5   16.6        0           1
## 9612      5   14.2   18.0        1           1
## 9613      6   15.9   16.2        1           1
## 9614      2   16.0   18.2        1           0
## 9615      2   18.3   20.3        0           0
## 9616      5   17.4   19.4        0           0
## 9617      7   17.1   19.8        0           0
## 9618      1   18.5   19.9        0           0
## 9619      1   15.4   19.3        0           0
## 9620      4   14.3   17.7        0           0
## 9621      1   13.9   17.2        0           0
## 9622      1   15.5   20.4        0           0
## 9623      7   18.5   14.4        0           1
## 9624      6   13.1   16.9        1           0
## 9625      6   12.5   15.9        0           0
## 9626      5   13.6   16.7        0           0
## 9627      7   14.5   17.3        0           0
## 9628      3   15.5   17.7        0           1
## 9629      7   15.7   17.0        1           1
## 9630      7   16.0   17.1        1           1
## 9631      8   15.2   16.0        1           1
## 9632      8   15.9   17.9        1           1
## 9633      8   17.1   20.2        1           0
## 9634      6   19.5   22.5        0           0
## 9635      5   20.6   20.0        0           1
## 9638      4   16.5   18.1        0           0
## 9639      1   16.2   18.2        0           0
## 9640      2   16.5   19.4        0           0
## 9641      1   13.7   16.9        0           0
## 9642      1   14.4   17.4        0           0
## 9643      0   14.4   17.1        0           0
## 9644      1   14.5   20.2        0           1
## 9645      8   17.6   17.1        1           1
## 9646      6   18.4   20.0        1           0
## 9647      1   15.9   19.0        0           0
## 9648      1   16.1   18.7        0           0
## 9650      3   17.6   22.1        0           0
## 9651      0   17.3   19.7        0           0
## 9652      1   15.1   16.8        0           0
## 9655      6   19.4   19.5        0           0
## 9656      0   14.8   17.6        0           0
## 9657      7   15.0   16.5        0           1
## 9658      7   14.3   16.4        1           0
## 9659      7   15.2   17.1        0           0
## 9660      8   14.6   18.4        0           0
## 9661      1   15.7   19.3        0           0
## 9662      0   17.3   21.1        0           0
## 9663      3   16.4   17.2        0           0
```

```
## 9664          1    16.7    19.2         0              0
## 9665          3    17.2    18.7         0              0
## 9666          1    17.8    20.0         0              0
## 9667          1    20.0    22.7         0              0
## 9668          6    23.8    27.0         0              0
## 9669          8    17.8    18.5         0              1
## 9670          8    19.2    21.1         1              1
## 9671          4    23.0    27.4         1              0
## 9672          1    18.0    19.1         0              0
## 9673          5    18.2    19.5         0              0
## 9674          2    15.7    18.5         0              0
## 9675          7    19.3    20.4         0              1
## 9676          1    19.1    26.2         1              0
## 9677          1    18.0    19.7         0              0
## 9678          3    20.7    20.9         0              0
## 9679          6    18.2    21.3         0              0
## 9680          7    19.1    19.0         0              0
## 9681          4    20.2    23.6         0              0
## 9682          4    17.5    20.4         0              0
## 9683          8    17.3    17.0         0              0
## 9684          7    17.5    20.2         0              0
## 9686          8    14.3    14.5         1              1
## 9687          6    17.1    20.0         1              1
## 9688          5    17.4    19.8         1              0
## 9689          4    22.0    21.0         0              0
## 9690          1    21.2    23.2         0              0
## 9691          7    22.2    23.1         0              0
## 9692          7    22.9    21.8         0              0
## 9693          2    23.2    22.6         0              0
## 9694          6    24.0    23.2         0              1
## 9695          7    21.0    19.4         1              0
## 9696          6    15.3    17.6         0              0
## 9698          8    16.0    16.0         1              1
## 9700          8    18.2    18.9         1              1
## 9701          6    19.5    20.0         1              1
## 9702          4    18.1    21.6         1              1
## 9703          5    22.0    26.1         1              1
## 9705          8    17.1    19.0         1              1
## 9706          8    15.4    19.2         1              1
## 9707          8    19.1    17.6         1              1
## 9708          1    19.3    21.7         1              0
## 9709          7    20.6    21.3         0              0
## 9710          7    19.6    21.8         0              0
## 9711          8    20.5    22.2         0              1
## 9712          1    17.3    19.7         1              0
## 9713          0    14.6    17.9         0              0
## 9714          1    18.7    21.6         0              0
## 9715          4    19.9    21.3         0              1
## 9716          7    18.1    19.9         1              0
## 9718          1    21.2    22.1         0              0
## 9719          1    21.6    22.6         0              0
## 9720          7    21.2    21.7         0              1
## 9721          4    16.1    20.0         1              1
## 9722          5    19.8    21.4         1              0
```

```
## 9723         1    21.0    24.4         0              0
## 9724         1    20.8    22.0         0              1
## 9725         1    20.8    23.4         1              0
## 9726         4    22.9    22.9         0              0
## 9727         7    21.2    23.1         0              0
## 9728         8    21.3    21.8         0              1
## 9729         1    19.6    21.8         1              0
## 9730         1    20.6    21.5         0              0
## 9731         8    15.2    20.2         0              1
## 9732         7    16.6    16.4         1              1
## 9734         1    18.3    22.2         1              0
## 9735         7    23.2    23.6         0              0
## 9736         6    23.5    23.4         0              0
## 9737         2    23.2    23.9         0              0
## 9738         7    23.6    20.6         0              1
## 9739         1    21.6    25.5         1              0
## 9740         3    24.9    24.0         0              0
## 9741         1    24.6    25.4         0              0
## 9742         7    24.1    25.4         0              0
## 9743         8    21.8    21.2         0              1
## 9744         8    17.9    20.2         1              1
## 9745         8    18.7    19.6         1              1
## 9746         8    21.1    19.8         1              1
## 9747         6    17.1    22.5         1              0
## 9748         7    20.0    22.3         0              0
## 9749         6    19.7    23.6         0              0
## 9750         6    23.2    24.0         0              1
## 9751         5    21.9    24.1         1              0
## 9752         5    23.2    23.9         0              0
## 9753         6    21.3    24.1         0              1
## 9754         1    24.0    24.8         1              0
## 9755         7    23.3    23.6         0              0
## 9757         8    20.7    23.0         1              1
## 9760         8    23.9    23.6         1              0
## 9761         8    21.1    22.1         0              1
## 9762         8    19.8    20.0         1              1
## 9763         3    23.2    25.3         1              0
## 9764         2    24.2    25.6         0              1
## 9765         5    22.0    25.8         1              0
## 9766         1    25.8    26.0         0              0
## 9767         7    27.0    28.8         0              1
## 9768         8    24.4    22.6         1              1
## 9769         2    24.3    26.4         1              0
## 9770         6    23.5    24.8         0              1
## 9771         5    24.1    25.5         1              1
## 9772         4    24.7    26.1         1              0
## 9773         5    25.5    26.8         0              1
## 9774         7    23.3    23.8         1              0
## 9775         8    19.8    22.3         0              0
## 9776         8    19.7    19.7         0              1
## 9777         1    22.8    24.8         1              0
## 9778         1    21.5    24.6         0              0
## 9779         7    24.9    25.8         0              1
## 9780         8    20.0    22.4         1              1
```

```
## 9781    8    23.1    22.1    1    1
## 9782    8    19.9    23.3    1    1
## 9783    7    24.3    27.3    1    1
## 9784    7    23.7    24.6    1    1
## 9785    8    18.9    20.2    1    1
## 9786    2    22.4    25.1    1    0
## 9787    1    24.7    26.0    0    0
## 9788    1    25.7    26.1    0    0
## 9789    1    25.0    26.6    0    0
## 9790    3    27.0    27.4    0    0
## 9791    6    25.4    26.9    0    0
## 9792    7    25.2    26.4    0    0
## 9793    7    23.9    25.1    0    1
## 9795    6    20.1    26.1    1    1
## 9796    8    23.6    23.3    1    1
## 9798    8    24.6    23.7    1    1
## 9799    7    24.5    25.7    1    1
## 9800    8    22.6    23.3    1    1
## 9801    2    24.8    26.4    1    1
## 9802    6    24.0    26.0    1    0
## 9803    4    24.6    26.0    0    0
## 9804    1    24.4    26.3    0    0
## 9805    1    24.7    26.5    0    0
## 9806    8    25.1    25.9    0    0
## 9807    7    25.9    23.9    0    1
## 9808    5    22.5    25.1    1    0
## 9809    5    23.9    26.3    0    0
## 9810    7    20.7    25.8    0    1
## 9811    1    22.9    25.8    1    0
## 9812    6    24.2    26.9    0    0
## 9813    1    27.7    28.3    0    0
## 9814    1    26.1    27.5    0    0
## 9815    2    26.3    27.1    0    0
## 9816    8    24.6    23.1    0    1
## 9817    2    22.3    25.7    1    1
## 9818    6    23.1    26.1    1    0
## 9819    0    25.7    27.8    0    0
## 9820    1    26.9    29.3    0    0
## 9821    1    28.9    29.4    0    0
## 9822    7    28.7    27.5    0    0
## 9823    1    28.9    29.7    0    0
## 9824    1    28.5    29.3    0    0
## 9825    1    29.4    29.3    0    1
## 9826    8    19.6    21.9    1    0
## 9827    8    19.3    21.7    0    0
## 9828    6    21.1    22.7    0    1
## 9831    1    26.0    28.2    0    0
## 9832    7    25.2    26.0    0    1
## 9833    8    20.6    20.4    1    1
## 9834    7    21.3    25.7    1    1
## 9835    7    21.8    24.8    1    0
## 9836    1    23.3    27.4    0    0
## 9837    1    26.2    27.8    0    0
## 9838    1    24.4    28.1    0    0
```

```
## 9839     1     28.6     31.2        0            1
## 9840     7     25.2     25.8        1            1
## 9841     8     18.9     21.9        1            1
## 9842     6     19.7     23.5        1            0
## 9843     1     20.9     24.9        0            0
## 9844     1     23.2     25.9        0            0
## 9845     6     22.3     27.1        0            0
## 9846     2     24.9     28.8        0            0
## 9847     2     25.1     27.7        0            1
## 9848     4     24.3     30.5        1            1
## 9849     7     24.2     24.7        1            1
## 9850     8     22.0     24.7        1            1
## 9851     8     22.4     25.3        1            1
## 9852     7     20.8     21.1        1            1
## 9853     7     18.4     21.6        1            1
## 9854     4     19.1     23.8        1            1
## 9855     7     21.1     24.2        1            0
## 9856     7     22.6     25.5        0            0
## 9857     6     22.9     27.0        0            0
## 9858     5     24.1     26.2        0            0
## 9859     6     23.9     23.6        0            0
## 9860     2     23.0     26.7        0            0
## 9861     1     25.1     26.2        0            0
## 9863     7     23.7     26.8        0            0
## 9865     7     22.1     25.2        1            0
## 9866     7     22.3     22.7        0            1
## 9867     8     21.6     22.9        1            1
## 9868     7     22.7     25.9        1            0
## 9870     7     22.5     26.9        1            0
## 9873     3     21.5     25.8        0            0
## 9874     6     21.2     22.5        0            1
## 9875     2     18.4     24.2        1            1
## 9877     1     20.4     25.4        1            0
## 9879     4     19.1     21.3        1            0
## 9880     7     20.5     21.4        0            0
## 9881     6     20.9     20.5        0            1
## 9882     3     17.7     21.6        1            0
## 9883     6     19.3     19.8        0            0
## 9884     7     18.3     20.4        0            0
## 9885     3     18.3     20.6        0            0
## 9886     6     16.5     21.9        0            0
## 9887     7     15.5     19.5        0            1
## 9888     1     16.3     19.1        1            0
## 9889     1     16.0     19.2        0            0
## 9890     1     15.6     18.8        0            0
## 9891     3     16.5     19.7        0            0
## 9892     1     15.4     18.5        0            0
## 9893     1     15.5     19.1        0            0
## 9894     0     17.0     19.9        0            0
## 9895     1     14.7     19.7        0            0
## 9896     7     18.0     19.8        0            1
## 9897     1     18.2     21.0        1            0
## 9898     7     16.0     19.8        0            1
## 9899     3     16.1     21.5        1            0
```

```
## 9900          7   16.6   19.7        0           0
## 9901          7   16.8   17.9        0           1
## 9902          5   18.7   19.9        1           0
## 9903          5   17.0   16.6        0           1
## 9904          1   16.3   19.2        1           0
## 9905          1   18.3   19.4        0           0
## 9906          7   16.7   18.3        0           0
## 9907          3   15.6   19.0        0           1
## 9908          8   12.4   13.5        1           1
## 9909          7   14.1   17.4        1           1
## 9910          7   16.4   19.0        1           1
## 9911          7   17.3   17.1        1           1
## 9912          2   17.5   19.8        1           0
## 9913          2   15.2   20.0        0           0
## 9914          5   14.7   19.8        0           0
## 9915          1   16.7   18.9        0           0
## 9916          7   11.8   17.3        0           0
## 9920          8   15.1   15.1        0           1
## 9921          8   12.8   13.3        1           1
## 9924          5   15.3   17.3        1           1
## 9928          1   15.3   18.8        0           0
## 9929          1   12.6   17.4        0           0
## 9930          1   15.3   20.1        0           0
## 9931          1   12.6   17.1        0           0
## 9932          0   13.7   18.5        0           0
## 9933          3   12.9   18.4        0           0
## 9937          7   14.0   15.5        0           1
## 9938          7   14.0   17.5        1           1
## 9939          7   14.4   14.0        1           1
## 9941          3   15.9   18.1        1           1
## 9942          2   13.9   19.0        1           0
## 9943          1   16.6   22.0        0           0
## 9944          1   17.3   20.3        0           0
## 9945          1   14.1   16.5        0           0
## 9946          1   16.2   19.2        0           0
## 9948          0   10.1   18.2        0           0
## 9949          0   10.0   17.2        0           0
## 9950          1   12.2   18.4        0           0
## 9951          1   12.0   17.1        0           0
## 9952          8    9.3   13.7        0           1
## 9953          7   13.8   15.2        1           0
## 9954          7   12.7   14.3        0           1
## 9955          8   12.5   13.3        1           1
## 9956          4   14.6   17.5        1           0
## 9957          5   14.2   18.2        0           0
## 9958          5   12.5   15.6        0           0
## 9959          4   16.0   20.4        0           0
## 9960          2   17.2   19.7        0           0
## 9962          3   15.6   15.8        0           0
## 9963          1   14.7   17.0        0           0
## 9964          6   13.7   17.0        0           0
## 9965          5   16.8   19.2        0           0
## 9966          1   13.9   17.7        0           0
## 9967          1   15.2   17.9        0           0
```

```
## 9968       1    14.6   18.4        0           0
## 9969       4    12.4   18.0        0           0
## 9970       3    16.7   19.0        0           0
## 9971       1    15.5   19.0        0           0
## 9972       1    15.9   19.7        0           0
## 9973       0    17.5   19.7        0           0
## 9974       1    17.9   19.6        0           0
## 9975       1    18.4   20.9        0           0
## 9976       7    18.4   20.4        0           0
## 9977       1    19.9   20.7        0           1
## 9978       4    16.5   17.7        1           0
## 9979       5    12.8   16.5        0           1
## 9980       3    13.2   16.9        1           1
## 9982       8    16.2   17.2        0           0
## 9984       7    16.8   16.3        0           1
## 9985       3    15.5   18.3        1           0
## 9986       7    16.7   15.3        0           1
## 9987       7    16.0   16.9        1           0
## 9988       6    15.3   16.5        0           0
## 9989       4    14.6   17.1        0           0
## 9990       6    12.6   15.3        0           1
## 9991       7    13.0   17.7        1           1
## 9992       5    14.1   16.7        1           1
## 9993       6    13.6   17.3        1           1
## 9994       2    16.1   18.9        1           0
## 9995       1    17.1   20.1        0           0
## 9996       0    18.2   20.9        0           0
## 9997       8    17.1   15.6        0           1
## 9998       1    17.3   20.0        1           0
## 9999       7    19.8   20.3        0           1
## 10000      7    17.3   19.4        1           1
## 10003      2    17.0   19.3        1           0
## 10004      5    16.2   18.6        0           0
## 10005      4    18.3   19.9        0           0
## 10006      1    17.6   19.5        0           0
## 10007      1    19.4   20.3        0           0
## 10008      5    20.7   20.4        0           0
## 10009      5    19.4   19.6        0           0
## 10010      7    17.8   13.6        0           1
## 10011      1    14.2   18.5        1           0
## 10012      1    17.5   18.9        0           0
## 10013      5    16.1   16.1        0           0
## 10014      0    17.9   20.0        0           0
## 10015      0    18.8   21.5        0           0
## 10018      1    22.6   27.5        0           0
## 10019      7    26.7   31.5        0           0
## 10020      1    21.4   21.5        0           0
## 10021      1    23.6   26.4        0           0
## 10022      0    19.3   19.7        0           0
## 10023      0    21.0   21.7        0           0
## 10024      5    22.2   22.1        0           0
## 10025      6    20.4   21.0        0           1
## 10026      6    17.5   18.0        1           1
## 10027      5    16.2   18.3        1           1
```

```
## 10028        6    18.7   18.9       1          0
## 10029        8    19.4   20.6       0          1
## 10030        4    16.3   19.7       1          0
## 10031        2    19.3   20.7       0          0
## 10032        7    13.9   14.6       0          1
## 10033        8    15.7   13.0       1          1
## 10034        7    16.1   17.3       1          0
## 10035        2    16.5   19.4       0          0
## 10036        7    16.9   18.6       0          0
## 10037        8    15.3   19.0       0          0
## 10038        7    18.9   19.8       0          1
## 10039        8    19.1   16.9       1          1
## 10040        5    19.1   22.2       1          0
## 10041        3    18.5   20.6       0          0
## 10042        7    21.2   22.0       0          0
## 10043        2    18.5   22.1       0          1
## 10044        7    17.3   18.1       1          1
## 10045        7    18.3   20.2       1          1
## 10046        8    17.9   19.9       1          0
## 10047        1    21.2   23.5       0          1
## 10048        7    16.9   20.7       1          0
## 10049        7    16.6   20.0       0          0
## 10050        2    18.5   20.9       0          0
## 10051        7    19.8   22.1       0          0
## 10052        1    21.0   22.8       0          0
## 10053        2    21.5   22.9       0          0
## 10054        4    21.4   23.0       0          0
## 10055        6    21.5   23.5       0          0
## 10056        7    24.2   22.9       0          1
## 10057        8    17.3   16.8       1          1
## 10058        8    16.2   18.2       1          1
## 10059        6    18.9   21.8       1          0
## 10060        7    23.7   23.2       0          0
## 10061        7    24.2   23.7       0          1
## 10062        4    20.0   21.7       1          0
## 10063        5    20.1   20.9       0          0
## 10064        5    22.1   24.0       0          0
## 10065        7    21.7   22.1       0          1
## 10066        7    17.9   21.2       1          0
## 10067        6    22.5   22.7       0          0
## 10068        7    23.9   24.4       0          0
## 10069        5    23.3   24.6       0          0
## 10070        3    24.5   25.5       0          0
## 10071        1    24.4   26.0       0          0
## 10072        7    28.7   25.6       0          0
## 10073        7    22.0   22.0       0          0
## 10074        7    21.3   21.7       0          0
## 10075        7    23.9   22.1       0          1
## 10076        2    24.2   25.7       1          0
## 10077        3    23.3   22.7       0          0
## 10078        7    25.0   27.2       0          0
## 10079        7    22.7   24.3       0          0
## 10080        7    24.0   26.7       0          0
## 10081        1    25.4   25.6       0          0
```

```
## 10082       7   24.9   26.4        0             0
## 10083       1   25.7   25.0        0             0
## 10085       8   21.3   20.1        0             1
## 10086       8   18.2   21.1        1             1
## 10087       8   21.8   21.8        1             1
## 10088       8   23.8   22.7        1             0
## 10089       1   27.3   33.3        0             0
## 10090       1   24.8   25.2        0             0
## 10091       6   25.6   25.6        0             0
## 10092       7   25.7   26.2        0             0
## 10093       8   19.9   16.2        0             1
## 10094       6   19.9   21.9        1             0
## 10095       7   20.3   21.0        0             0
## 10096       1   22.0   24.5        0             1
## 10097       8   17.0   18.1        1             0
## 10098       8   16.6   19.5        0             0
## 10099       8   16.6   17.9        0             1
## 10100       7   22.7   22.8        1             0
## 10101       7   21.8   22.8        0             0
## 10103       7   22.7   22.1        1             1
## 10105       4   21.6   23.3        1             0
## 10106       7   20.6   21.6        0             1
## 10107       7   19.3   21.0        1             0
## 10108       3   21.6   22.8        0             0
## 10109       1   21.3   23.1        0             0
## 10110       6   21.3   22.5        0             0
## 10111       7   23.4   24.2        0             0
## 10112       7   24.9   25.6        0             0
## 10113       7   22.4   25.1        0             1
## 10114       6   20.4   24.1        1             0
## 10115       3   21.4   25.9        0             1
## 10116       4   20.7   25.4        1             1
## 10117       3   21.7   25.4        1             0
## 10118       4   24.3   25.6        0             0
## 10119       3   24.1   25.7        0             0
## 10120       2   20.7   25.1        0             0
## 10121       3   22.2   24.6        0             0
## 10122       1   21.7   24.9        0             1
## 10123       5   18.1   23.5        1             1
## 10124       1   22.1   24.1        1             0
## 10125       1   23.2   24.7        0             0
## 10126       1   24.3   25.3        0             0
## 10127       1   24.9   26.5        0             0
## 10128       7   24.6   24.8        0             0
## 10129       6   25.3   25.9        0             0
## 10130       7   22.9   24.7        0             0
## 10131       4   26.0   27.8        0             1
## 10132       2   24.2   28.1        1             1
## 10133       5   26.5   26.9        1             0
## 10134       5   24.5   29.5        0             0
## 10135       1   20.7   24.0        0             0
## 10136       7   21.4   24.3        0             0
## 10137       7   24.6   23.2        0             0
## 10138       8   22.8   20.3        0             1
```

```
## 10139      5      24.2      23.9      1      1
## 10140      8      22.1      21.6      1      1
## 10141      1      22.1      25.6      1      0
## 10142      4      25.7      27.2      0      0
## 10143      2      23.5      26.6      0      0
## 10144      7      23.9      25.9      0      0
## 10145      7      23.0      25.5      0      1
## 10146      8      20.6      22.5      1      1
## 10147      8      23.3      23.0      1      1
## 10148      8      23.3      22.1      1      1
## 10150      8      22.1      25.0      1      1
## 10151      8      21.5      24.0      1      1
## 10152      7      21.4      25.2      1      1
## 10153      7      24.1      24.8      1      0
## 10154      6      26.6      26.9      0      1
## 10156      3      22.8      25.7      1      0
## 10157      8      22.7      25.0      0      0
## 10158      4      23.6      25.6      0      0
## 10159      1      24.1      26.2      0      0
## 10160      1      24.9      27.2      0      1
## 10161      4      25.6      26.8      1      1
## 10162      7      21.1      25.1      1      1
## 10163      6      23.1      24.7      1      0
## 10164      5      23.1      24.2      0      1
## 10165      3      20.4      26.9      1      1
## 10166      5      24.3      25.4      1      1
## 10167      6      22.6      24.9      1      0
## 10168      2      22.6      25.2      0      0
## 10169      2      23.0      25.7      0      0
## 10170      2      23.0      24.9      0      0
## 10171      4      23.0      25.9      0      0
## 10172      1      23.8      26.6      0      0
## 10173      2      22.3      25.9      0      0
## 10174      5      25.6      27.8      0      1
## 10175      7      22.3      23.4      1      0
## 10176      7      22.6      25.0      0      0
## 10177      2      21.8      25.7      0      0
## 10178      2      23.0      26.0      0      0
## 10179      7      23.9      26.1      0      0
## 10180      7      23.6      25.6      0      0
## 10181      8      25.1      27.1      0      0
## 10182      5      25.8      27.3      0      0
## 10183      4      26.5      28.5      0      0
## 10185      7      22.3      23.6      0      1
## 10186      8      19.3      21.0      1      1
## 10187      7      22.4      25.6      1      0
## 10188      6      26.2      27.2      0      1
## 10189      8      19.8      23.0      1      1
## 10190      5      20.9      22.7      1      0
## 10191      3      20.4      25.5      0      0
## 10192      1      21.3      26.0      0      0
## 10193      1      22.1      26.4      0      1
## 10194      5      20.6      25.0      1      0
## 10195      8      20.8      21.6      0      1
```

```
## 10197          8     21.2    24.6           1              1
## 10199          1     23.9    26.0           1              0
## 10200          8     23.8    25.4           0              0
## 10201          3     21.0    24.6           0              1
## 10202          6     21.0    22.4           1              1
## 10203          5     23.5    24.8           1              1
## 10204          7     20.7    23.2           1              1
## 10205          7     23.0    24.9           1              0
## 10206          1     22.8    27.3           0              0
## 10207          1     19.3    22.6           0              0
## 10208          4     20.6    23.2           0              1
## 10209          4     17.8    23.5           1              0
## 10210          3     17.0    24.2           0              1
## 10211          7     17.8    23.0           1              0
## 10212          1     19.8    24.0           0              0
## 10213          3     21.2    24.0           0              1
## 10214          5     20.0    23.5           1              0
## 10215          1     23.0    25.3           0              0
## 10216          1     23.9    23.3           0              0
## 10217          5     23.6    25.1           0              0
## 10218          2     22.1    24.7           0              0
## 10219          2     23.2    24.6           0              0
## 10220          1     23.0    24.2           0              0
## 10221          3     22.1    25.5           0              0
## 10222          1     23.2    25.5           0              0
## 10223          6     24.5    23.6           0              1
## 10224          2     18.4    19.9           1              0
## 10225          6     18.5    19.8           0              1
## 10226          4     18.1    19.8           1              0
## 10227          4     20.7    22.9           0              1
## 10228          7     18.3    22.2           1              1
## 10229          7     20.1    22.7           1              0
## 10230          7     22.4    22.5           0              1
## 10231          8     18.3    19.4           1              1
## 10232          7     18.2    22.5           1              1
## 10233          6     21.0    23.6           1              1
## 10234          7     22.6    23.9           1              1
## 10236          7     21.9    23.8           0              0
## 10237          7     24.5    25.3           0              1
## 10242          8     16.8    17.8           1              1
## 10243          6     18.6    21.5           1              1
## 10244          4     17.7    19.9           1              1
## 10245          7     17.4    20.4           1              1
## 10246          6     20.0    20.0           1              0
## 10247          7     20.7    21.4           0              1
## 10248          7     17.5    21.2           1              0
## 10249          1     18.9    21.9           0              0
## 10250          1     17.4    21.5           0              0
## 10251          2     14.8    20.5           0              0
## 10252          0     17.9    20.9           0              0
## 10253          0     18.1    22.9           0              0
## 10255          1     20.4    24.0           0              0
## 10256          5     20.3    22.5           0              1
## 10257          0     15.6    20.1           1              0
```

```
## 10258       1    14.8    18.4         0              0
## 10259       1    15.7    19.9         0              0
## 10260       6    16.0    19.6         0              1
## 10261       1    17.0    19.4         1              0
## 10262       1    17.9    20.7         0              0
## 10263       3    16.5    21.2         0              0
## 10264       1    17.0    20.7         0              0
## 10265       2    16.5    20.6         0              0
## 10266       2    20.1    21.6         0              0
## 10268       7    20.1    22.3         0              0
## 10269       8    18.6    19.1         0              0
## 10270       0    14.8    18.0         0              0
## 10271       2    14.9    18.4         0              0
## 10272       7    16.5    18.1         0              0
## 10273       7    16.5    17.2         0              1
## 10274       6    14.8    16.4         1              1
## 10276       7    16.8    19.7         0              0
## 10277       7    15.1    18.5         0              1
## 10278       6    16.2    19.7         1              1
## 10279       5    17.7    21.1         1              0
## 10280       6    13.6    15.2         0              0
## 10281       6    16.5    16.1         0              0
## 10282       2    15.4    17.9         0              0
## 10283       1    15.2    17.8         0              0
## 10284       1    14.2    17.8         0              0
## 10285       8    13.3    14.1         0              1
## 10286       8    13.1    13.8         1              1
## 10287       7    14.6    16.1         1              1
## 10288       8    15.0    17.2         1              1
## 10289       1    17.1    18.8         1              0
## 10290       0    15.1    20.3         0              0
## 10292       0    16.7    19.6         0              0
## 10293       1    14.7    18.2         0              0
## 10294       0    14.6    17.5         0              0
## 10295       1    13.6    17.8         0              0
## 10300       1    12.2    18.2         0              0
## 10301       7    14.8    17.6         0              1
## 10307       1    13.1    17.8         0              0
## 10308       0    11.1    15.9         0              0
## 10309       1    12.6    16.7         0              0
## 10313       1    15.1    17.3         0              0
## 10314       6    12.7    17.9         0              1
## 10315       8    14.0    17.5         1              0
## 10316       7    18.3    21.9         0              1
## 10321       1    13.0    16.5         0              0
## 10323       8    15.9    16.8         1              1
## 10325       2    15.5    17.5         0              0
## 10327       7    13.5    15.6         0              1
## 10328       7    13.0    15.5         1              1
## 10329       7    14.6    17.1         1              0
## 10330       1    16.0    18.3         0              0
## 10335       1    14.1    17.6         0              0
## 10336       3    14.2    16.4         0              0
## 10337       1    13.2    16.2         0              0
```

```
## 10341      1    16.2    19.9        0            0
## 10342      0    18.1    22.1        0            0
## 10343      0    13.4    16.8        0            0
## 10344      0    14.0    19.8        0            0
## 10349      7    13.8    17.2        0            0
## 10350      5    16.4    18.4        0            0
## 10351      1    17.2    21.2        0            0
## 10355      1    15.3    18.0        0            0
## 10363      1    16.3    17.8        0            0
## 10364      3    17.4    18.5        0            0
## 10365      1    18.3    20.0        0            0
## 10369      1    16.2    18.1        0            0
## 10370      0    16.8    18.9        0            0
## 10371      1    17.6    19.8        0            0
## 10372      0    21.0    21.3        0            0
## 10377      7    19.3    19.0        0            0
## 10378      1    21.0    22.0        0            0
## 10379      1    19.3    20.6        0            0
## 10383      3    17.8    18.6        0            0
## 10384      5    21.0    19.2        0            1
## 10385      6    18.7    20.7        1            1
## 10386      1    20.0    20.6        1            0
## 10392      1    19.4    20.0        1            0
## 10393      1    19.8    20.3        0            0
## 10397      1    17.4    18.2        0            0
## 10398      7    17.9    19.1        0            0
## 10399      1    19.4    19.7        0            0
## 10400      0    19.8    21.2        0            0
## 10405      4    18.0    19.2        0            0
## 10406      1    17.9    20.2        0            0
## 10407      1    20.1    23.5        0            1
## 10411      7    17.1    16.3        0            1
## 10412      1    17.4    21.3        1            0
## 10413      1    21.4    23.1        0            0
## 10414      1    24.5    28.7        0            0
## 10419      7    21.5    20.8        0            0
## 10421      1    17.9    21.2        0            0
## 10425      5    19.0    21.6        0            1
## 10426      6    15.1    21.0        1            0
## 10427      5    18.9    21.0        0            0
## 10428      1    22.0    24.1        0            0
## 10433      1    22.4    25.0        0            0
## 10434      6    23.0    23.5        0            0
## 10435      6    22.2    24.2        0            0
## 10436      6    23.8    23.9        0            1
## 10439      1    15.7    21.8        1            0
## 10440      1    17.8    21.8        0            0
## 10441      1    22.5    24.4        0            0
## 10442      5    21.0    23.5        0            1
## 10447      7    20.6    20.6        0            0
## 10448      3    20.4    23.4        0            0
## 10453      7    24.6    23.9        0            0
## 10454      5    23.3    26.2        0            0
## 10455      7    24.6    25.7        0            0
```

```
## 10456        6    24.6    24.8         0              0
## 10464        2    25.7    26.8         0              1
## 10465        1    25.0    26.4         1              0
## 10466        0    26.0    28.6         0              0
## 10467        3    30.6    29.9         0              1
## 10472        8    20.7    20.1         1              1
## 10473        8    20.1    22.2         1              0
## 10474        5    24.8    26.4         0              0
## 10478        8    21.0    21.6         1              1
## 10479        8    22.3    25.5         1              1
## 10480        6    25.8    28.0         1              0
## 10481        6    27.5    26.1         0              1
## 10488        2    22.4    25.6         0              0
## 10490        8    23.1    22.8         0              1
## 10492        8    23.6    24.6         1              1
## 10493        7    22.6    23.0         1              1
## 10494        6    23.1    25.4         1              0
## 10495        6    21.8    24.8         0              1
## 10500        3    21.7    26.0         0              1
## 10501        6    20.5    24.3         1              0
## 10502        3    20.1    25.3         0              0
## 10506        6    24.9    23.8         0              0
## 10507        7    19.8    21.1         0              1
## 10508        2    18.7    23.4         1              1
## 10509        7    19.1    23.2         1              1
## 10515        5    24.0    26.8         0              0
## 10516        7    23.6    24.1         0              0
## 10520        8    22.6    21.4         0              1
## 10521        8    21.3    21.0         1              0
## 10522        1    21.8    24.8         0              0
## 10523        6    21.0    25.3         0              1
## 10528        2    20.5    22.9         0              1
## 10529        7    20.8    22.5         1              1
## 10530        2    17.6    21.3         1              1
## 10534        7    21.1    24.1         1              0
## 10537        7    20.9    21.9         1              0
## 10542        6    22.6    25.7         0              0
## 10543        0    21.6    24.3         0              0
## 10544        2    20.6    22.7         0              0
## 10548        0    22.5    24.8         0              0
## 10549        1    22.3    25.4         0              0
## 10550        1    21.7    24.2         0              0
## 10551        6    22.0    24.7         0              0
## 10556        7    19.0    20.7         0              1
## 10557        7    18.2    17.9         1              1
## 10558        7    18.5    19.9         1              0
## 10562        2    18.6    20.9         1              0
## 10563        7    16.1    21.7         0              0
## 10564        7    18.1    20.5         0              0
## 10565        6    16.8    18.9         0              0
## 10570        1    12.6    17.5         0              0
## 10571        6    15.9    21.4         0              0
## 10572        8    14.9    14.0         0              1
## 10576        1    18.3    20.6         0              0
```

```
## 10577        3      16.4    20.0        0            1
## 10578        7      16.4    19.9        1            0
## 10579        5      14.6    20.4        0            1
## 10584        5      17.0    18.0        1            0
## 10585        6      17.5    19.9        0            0
## 10586        7      14.1    19.3        0            0
## 10591        8      17.0    16.5        0            1
## 10598        1      10.7    18.2        0            0
## 10599        1      15.2    18.0        0            0
## 10600        5      14.3    17.1        0            0
## 10604        2      13.8    17.7        0            0
## 10605        5      15.2    16.2        0            0
## 10606        6      12.1    14.7        0            0
## 10607        7      13.2    16.1        0            1
## 10612        7      14.2    18.8        1            1
## 10613        6      14.6    17.5        1            0
## 10614        3      18.2    18.8        0            0
## 10618        0      12.1    16.3        0            0
## 10619        0      11.4    16.8        0            0
## 10620        5      17.5    16.2        0            1
## 10621        8      13.7    15.4        1            1
## 10626        8      14.5    18.2        0            0
## 10627        6      17.0    21.2        0            0
## 10628        2      18.6    20.1        0            0
## 10632        1      13.9    16.9        0            0
## 10633        5      12.3    16.7        0            0
## 10634        1      12.4    17.8        0            0
## 10635        2      15.8    18.0        0            0
## 10640        7      15.9    18.6        1            0
## 10646        1      15.6    19.3        0            0
## 10647        3      16.2    18.8        0            0
## 10648        1      15.4    23.0        0            0
## 10649        5      19.2    23.5        0            0
## 10654        1      16.4    27.5        0            0
## 10655        0      18.1    21.1        0            0
## 10656        7      16.5    19.9        0            0
## 10660        0      17.5    19.7        1            0
## 10661        6      18.9    21.3        0            0
## 10662        1      14.2    18.0        0            0
## 10663        0      12.7    16.0        0            0
## 10668        1      19.2    21.9        0            0
## 10669        1      18.5    21.6        0            0
## 10670        1      19.5    22.0        0            0
## 10675        1      18.8    21.0        0            0
## 10676        2      19.3    20.5        0            0
## 10677        2      19.5    20.4        0            0
## 10682        1      22.1    22.9        0            0
## 10683        2      22.5    24.8        0            0
## 10684        0      22.9    22.8        0            0
## 10688        3      20.7    21.3        0            1
## 10689        8      19.8    17.8        1            1
## 10690        4      22.8    21.6        1            0
## 10691        1      21.0    23.4        0            0
## 10696        1      21.5    23.7        0            0
```

```
## 10697     7    24.4    22.0         0              0
## 10703     0    23.8    23.2         0              0
## 10704     7    28.3    23.2         0              0
## 10705     1    21.6    22.5         0              0
## 10710     1    23.9    22.7         0              0
## 10711     7    20.3    17.8         0              1
## 10712     1    18.4    22.5         1              0
## 10716     7    24.8    26.8         0              0
## 10717     1    20.5    21.5         0              0
## 10718     1    18.0    20.5         0              0
## 10719     4    21.8    23.5         0              0
## 10725     1    25.6    26.0         0              0
## 10726     5    25.1    25.7         0              0
## 10731     1    21.8    23.9         0              0
## 10732     3    25.7    25.2         0              1
## 10733     7    19.8    21.1         1              0
## 10739     7    17.5    22.0         0              0
## 10740     1    20.3    22.1         0              0
## 10745     7    23.3    23.7         1              1
## 10747     7    24.7    24.1         1              1
## 10753     5    21.4    24.5         1              0
## 10754     5    22.9    23.9         0              0
## 10759     5    22.9    23.9         0              1
## 10760     4    20.4    23.0         1              0
## 10761     1    21.0    22.9         0              0
## 10773     5    24.5    25.7         0              0
## 10774     8    21.2    27.5         0              0
## 10775     8    25.0    23.5         0              0
## 10781     1    22.9    24.5         0              0
## 10782     1    23.6    25.2         0              0
## 10787     7    24.3    26.5         0              0
## 10788     8    24.4    22.2         0              0
## 10789     7    22.0    22.6         0              0
## 10795     3    24.2    25.4         0              0
## 10796     3    25.3    25.2         0              0
## 10801     1    29.1    27.7         0              0
## 10802     8    20.2    20.9         0              1
## 10803     8    18.8    22.0         1              1
## 10809     1    24.8    25.9         0              0
## 10810     2    24.6    26.7         0              0
## 10816     2    25.9    27.6         0              1
## 10829     6    22.1    25.6         0              0
## 10830     1    25.3    26.7         0              1
## 10831     8    17.7    20.0         1              1
## 10837     2    23.5    26.6         0              0
## 10838     5    25.1    26.8         0              1
## 10843     8    21.6    24.6         1              0
## 10844     6    24.3    26.6         0              0
## 10845     2    27.4    28.1         0              0
## 10850     7    21.6    25.3         0              1
## 10851     2    22.3    25.6         1              0
## 10852     7    24.5    26.1         0              0
## 10857     2    23.8    25.7         1              0
## 10858     7    22.7    25.0         0              0
```

```
## 10865       5    21.6    23.9         1           1
## 10866       4    20.4    25.6         1           0
## 10870       5    25.4    28.0         0           1
## 10871       1    21.9    24.8         1           0
## 10872       2    24.7    26.9         0           0
## 10879       8    20.5    23.8         1           1
## 10880       8    21.1    25.1         1           1
## 10884       3    22.6    25.6         0           1
## 10885       3    22.0    24.7         1           1
## 10886       5    22.2    24.7         1           0
## 10887       1    24.5    25.4         0           0
## 10893       7    21.7    23.9         0           0
## 10894       2    23.3    24.4         0           0
## 10898       1    23.1    24.3         0           0
## 10899       8    17.8    20.2         0           1
## 10900       4    19.0    23.0         1           0
## 10901       3    19.5    23.5         0           0
## 10906       1    22.4    24.0         0           0
## 10907       6    23.3    25.9         0           0
## 10908       4    24.6    24.3         0           0
## 10912       7    22.5    22.1         0           1
## 10914       2    19.6    22.6         1           0
## 10915       7    21.3    21.3         0           0
## 12068       8    28.9    37.4         0           0
## 12069       7    25.2    29.4         0           0
## 12070       5    24.5    32.7         0           0
## 12071       3    22.9    31.9         0           0
## 12072       6    24.2    32.9         0           0
## 12073       5    25.4    34.6         0           0
## 12074       7    25.2    32.5         0           0
## 12075       5    26.3    34.3         0           0
## 12076       5    26.3    32.1         0           1
## 12078       5    22.5    30.3         1           0
## 12079       5    25.5    33.7         0           0
## 12080       3    25.4    34.3         0           0
## 12081       1    24.3    33.0         0           0
## 12082       1    24.4    33.2         0           0
## 12083       3    28.1    38.2         0           0
## 12084       1    25.6    34.2         0           0
## 12085       4    22.4    30.7         0           0
## 12086       8    22.5    30.7         0           0
## 12087       6    24.6    32.2         0           0
## 12088       8    25.1    31.3         0           1
## 12089       8    21.1    22.5         1           1
## 12090       5    24.3    31.2         1           0
## 12091       7    27.0    34.2         0           0
## 12092       5    28.8    32.7         0           1
## 12093       5    27.0    33.3         1           0
## 12094       4    26.7    31.1         0           0
## 12095       3    25.9    31.5         0           0
## 12096       1    24.9    32.4         0           0
## 12097       4    24.5    31.5         0           0
## 12098       2    25.1    32.9         0           0
## 12099       6    25.4    33.2         0           0
```

```
## 12100    7    26.5    31.4        0            0
## 12101    3    24.8    33.0        0            0
## 12102    2    26.0    32.8        0            0
## 12103    1    25.4    34.3        0            0
## 12104    1    25.9    35.1        0            0
## 12105    0    24.8    34.3        0            0
## 12106    0    24.0    34.0        0            0
## 12107    1    28.0    38.2        0            0
## 12108    7    29.5    36.9        0            1
## 12109    0    23.2    30.8        1            0
## 12110    7    23.0    32.1        0            0
## 12111    7    22.3    22.1        0            1
## 12112    6    17.8    19.8        1            1
## 12113    6    18.0    23.7        1            0
## 12114    6    21.2    27.0        0            1
## 12115    5    18.5    26.3        1            0
## 12116    3    24.1    29.1        0            0
## 12117    5    23.3    30.9        0            0
## 12118    7    25.2    30.1        0            0
## 12119    1    23.2    30.4        0            0
## 12120    3    24.0    31.0        0            0
## 12121    3    23.7    31.2        0            0
## 12122    3    23.3    30.9        0            0
## 12123    7    23.9    30.0        0            0
## 12124    2    22.9    31.3        0            0
## 12125    3    22.0    29.1        0            0
## 12126    1    21.6    31.5        0            0
## 12128    7    24.8    33.9        0            0
## 12129    4    23.8    34.2        0            0
## 12130    5    25.5    33.5        0            0
## 12131    0    17.2    25.3        0            0
## 12132    0    17.5    26.5        0            0
## 12133    1    17.9    29.7        0            0
## 12134    3    23.7    31.9        0            0
## 12135    3    23.5    31.6        0            0
## 12136    3    24.0    30.9        0            0
## 12137    2    22.4    31.1        0            0
## 12138    8    22.8    28.2        0            0
## 12139    4    22.6    30.1        0            0
## 12140    3    21.0    29.7        0            1
## 12141    6    23.4    32.4        1            0
## 12142    1    19.2    28.0        0            0
## 12143    0    17.6    25.8        0            0
## 12144    2    20.4    30.6        0            0
## 12145    5    22.5    31.0        0            0
## 12146    2    23.0    31.5        0            0
## 12147    2    22.0    30.7        0            0
## 12148    1    20.6    29.7        0            0
## 12149    1    21.8    30.8        0            0
## 12150    1    21.6    32.1        0            0
## 12151    1    20.9    29.7        0            0
## 12152    1    21.2    31.2        0            0
## 12153    4    22.5    32.0        0            0
## 12154    3    19.5    29.0        0            0
```

```
## 12155          1     19.6    29.9            0                  0
## 12156          7     21.5    29.5            0                  0
## 12157          7     19.9    21.9            0                  0
## 12158          5     20.4    29.5            0                  0
## 12159          6     20.3    28.9            0                  0
## 12160          6     24.0    31.5            0                  0
## 12161          2     21.6    22.7            0                  1
## 12162          2     20.9    29.2            1                  0
## 12163          2     20.9    30.0            0                  0
## 12164          3     22.8    27.9            0                  0
## 12165          3     21.2    27.5            0                  0
## 12166          7     20.3    28.0            0                  0
## 12167          6     21.2    26.6            0                  0
## 12168          8     20.8    24.2            0                  0
## 12169          8     20.5    19.0            0                  1
## 12170          8     18.3    21.2            1                  1
## 12171          7     20.3    25.3            1                  0
## 12172          1     18.2    26.2            0                  0
## 12173          3     20.6    28.4            0                  0
## 12174          4     21.8    28.8            0                  0
## 12175          1     20.4    26.2            0                  0
## 12176          1     17.8    25.8            0                  0
## 12177          4     18.5    24.8            0                  0
## 12178          3     17.1    25.8            0                  0
## 12179          1     19.4    25.5            0                  0
## 12180          3     19.7    25.5            0                  0
## 12181          5     19.8    29.4            0                  0
## 12182          3     19.5    24.8            0                  0
## 12183          3     20.9    23.2            0                  0
## 12184          1     14.7    20.0            0                  0
## 12185          5     15.6    23.3            0                  0
## 12186          5     15.4    21.7            0                  0
## 12187          0     12.8    18.7            0                  0
## 12188          5     15.3    22.9            0                  0
## 12189          4     16.7    23.0            0                  0
## 12190          4     18.9    22.6            0                  0
## 12191          4     16.8    24.3            0                  0
## 12192          3     17.6    23.7            0                  0
## 12193          5     18.3    24.0            0                  0
## 12194          4     17.8    24.3            0                  0
## 12195          2     15.9    24.2            0                  0
## 12196          2     17.1    23.9            0                  0
## 12197          1     16.8    24.1            0                  0
## 12198          3     16.3    23.0            0                  0
## 12200          4     14.3    21.6            0                  0
## 12201          0     13.6    21.7            0                  0
## 12204          7     14.1    16.7            0                  0
## 12205          7     17.5    22.8            0                  1
## 12206          7     14.9    15.6            1                  1
## 12207          8     14.4    15.2            1                  1
## 12208          7     13.6    15.4            1                  1
## 12209          7     17.1    22.0            1                  0
## 12210          2     19.1    24.2            0                  0
## 12211          2     17.5    23.5            0                  0
```

```
## 12212      5   15.9   21.8      0          0
## 12214      4   15.3   21.6      0          0
## 12215      6   13.5   22.9      0          1
## 12216      1   10.7   19.6      1          0
## 12217      4   12.4   19.6      0          0
## 12218      7   13.1   19.2      0          0
## 12219      7   13.1   17.7      0          0
## 12220      7   15.2   19.9      0          0
## 12221      6   14.3   20.7      0          1
## 12222      5   15.9   19.0      1          0
## 12224      4   11.1   19.8      0          0
## 12225      5   13.3   16.4      0          0
## 12226      3   14.5   17.7      0          0
## 12227      5   11.7   16.1      0          0
## 12228      3   11.3   13.3      0          0
## 12229      0    5.9   12.4      0          0
## 12230      3    5.5   16.9      0          0
## 12231      0   11.0   19.3      0          0
## 12232      7   11.0   20.2      0          0
## 12233      2   13.8   19.9      0          0
## 12234      3   11.1   18.5      0          0
## 12235      2   11.4   19.7      0          0
## 12236      2   13.1   20.2      0          0
## 12237      6   11.3   20.1      0          0
## 12238      7   13.8   20.2      0          0
## 12239      7   14.5   16.5      0          1
## 12240      1   15.7   21.3      1          0
## 12241      1   13.0   20.5      0          0
## 12242      6   10.8   19.4      0          0
## 12243      7    8.1   16.7      0          0
## 12245      7   12.5   16.4      1          0
## 12246      7   12.1   14.4      0          0
## 12248      6   10.7   19.3      0          0
## 12249      2   15.5   23.0      0          0
## 12250      2   10.4   17.3      0          0
## 12251      4   11.3   14.4      0          0
## 12252      5    6.2   12.9      0          0
## 12253      8    8.2   14.2      0          0
## 12254      6    7.2   15.7      0          0
## 12256      3   11.9   19.5      0          0
## 12257      3   11.1   18.3      0          0
## 12258      2   12.1   19.6      0          0
## 12259      1   11.3   19.5      0          0
## 12260      2   11.7   22.3      0          0
## 12261      6   13.6   18.7      0          1
## 12262      3   11.6   16.0      1          0
## 12263      7    7.8   12.1      0          1
## 12264      6    8.9   10.4      1          0
## 12265      2    5.6   14.7      0          0
## 12266      2    9.1   17.6      0          0
## 12267      1    9.4   17.1      0          0
## 12268      0    9.5   20.3      0          0
## 12269      4   15.1   22.8      0          0
## 12270      7   14.4   16.7      0          1
```

```
## 12271     1   12.5   17.4        1           0
## 12272     1    8.2   17.6        0           0
## 12273     1   11.1   18.8        0           0
## 12274     7   13.1   18.2        0           0
## 12275     0    6.6   16.1        0           0
## 12276     1    5.9   16.6        0           0
## 12277     1    8.2   17.0        0           0
## 12280     0    9.4   17.6        0           0
## 12281     0    8.8   19.6        0           0
## 12282     0   10.3   18.7        0           0
## 12283     5   11.0   18.9        0           0
## 12284     1   11.9   19.9        0           0
## 12285     1   12.5   21.2        0           0
## 12286     2   15.8   24.0        0           0
## 12287     0    9.6   18.3        0           0
## 12288     6   11.3   20.1        0           0
## 12289     7   15.0   19.8        0           0
## 12290     2   16.1   24.2        0           0
## 12291     3   15.2   24.5        0           0
## 12292     1   13.9   21.6        0           0
## 12294     0   13.4   21.6        0           0
## 12295     0   13.5   27.3        0           0
## 12296     5   16.0   21.7        0           0
## 12297     0   11.1   19.2        0           0
## 12298     3   12.9   21.6        0           0
## 12299     1   14.5   23.3        0           0
## 12300     7   17.6   29.3        0           0
## 12301     6   18.1   24.2        0           0
## 12302     0   22.3   32.9        0           0
## 12303     3   25.5   32.2        0           0
## 12304     0   20.3   23.5        0           0
## 12305     0   16.6   21.4        0           0
## 12306     6   14.4   23.3        0           0
## 12307     3   18.3   25.7        0           0
## 12308     5   20.5   34.5        0           1
## 12309     7   15.3   12.6        1           1
## 12310     0   12.8   17.7        1           0
## 12312     2   17.1   23.9        0           0
## 12313     8   16.9   20.9        0           1
## 12314     6   13.8   18.4        1           1
## 12315     4   15.4   21.0        1           0
## 12316     1   14.9   22.3        0           0
## 12317     8   18.4   17.7        0           1
## 12318     5   13.3   19.7        1           0
## 12319     2   13.7   19.7        0           0
## 12320     1   14.1   20.9        0           0
## 12321     0   16.6   23.6        0           0
## 12322     0   16.8   26.3        0           0
## 12323     0   19.8   27.6        0           0
## 12324     1   20.6   28.6        0           0
## 12325     7   21.9   29.3        0           0
## 12326     1   22.4   30.0        0           0
## 12327     1   20.5   28.6        0           0
## 12328     1   21.9   28.2        0           0
```

```
## 12329        3     22.7    28.0        0           0
## 12330        4     23.5    29.3        0           0
## 12331        7     22.5    18.8        0           1
## 12332        7     21.3    25.5        1           0
## 12333        5     15.8    18.8        0           0
## 12334        0     17.2    23.1        0           0
## 12335        0     19.1    26.9        0           0
## 12336        0     18.5    19.9        0           0
## 12337        0     12.9    17.7        0           0
## 12338        1     13.7    19.5        0           0
## 12339        1     16.7    23.1        0           0
## 12340        0     20.4    26.4        0           0
## 12341        0     22.2    32.5        0           0
## 12342        8     23.8    24.2        0           0
## 12343        5     20.0    25.7        0           0
## 12345        1     16.7    24.3        0           0
## 12346        1     19.0    25.7        0           0
## 12347        1     16.2    20.9        0           0
## 12348        1     13.3    21.8        0           0
## 12349        1     15.4    23.2        0           0
## 12350        6     16.4    22.8        0           0
## 12351        3     17.0    20.4        0           0
## 12352        2     18.8    31.0        0           0
## 12353        0     21.2    27.9        0           0
## 12354        2     20.5    24.0        0           0
## 12355        1     17.0    26.4        0           0
## 12356        2     16.1    21.4        0           0
## 12357        1     16.7    23.4        0           0
## 12358        4     18.7    26.0        0           0
## 12359        1     19.5    27.1        0           0
## 12360        1     20.3    28.9        0           0
## 12361        2     22.7    32.3        0           0
## 12362        5     25.1    33.7        0           0
## 12363        1     24.0    34.3        0           0
## 12364        4     25.1    33.3        0           0
## 12365        6     26.0    31.9        0           0
## 12366        8     18.8    17.7        0           1
## 12367        7     22.4    26.9        1           1
## 12368        3     20.4    28.0        1           0
## 12369        6     20.6    26.1        0           0
## 12370        6     21.5    28.2        0           0
## 12371        6     22.5    29.1        0           0
## 12372        1     21.6    30.7        0           0
## 12373        1     22.6    32.3        0           0
## 12374        2     25.5    35.6        0           0
## 12375        4     26.5    35.3        0           0
## 12376        7     26.6    30.9        0           0
## 12377        7     22.0    23.0        0           0
## 12378        6     23.4    23.3        0           1
## 12379        5     21.9    28.0        1           0
## 12380        6     23.8    32.1        0           1
## 12381        1     20.1    28.0        1           0
## 12382        1     21.1    30.0        0           0
## 12383        1     23.6    34.0        0           0
```

```
## 12384      5   28.4   34.4        0             0
## 12385      2   23.0   31.6        0             0
## 12386      2   25.0   35.5        0             0
## 12387      4   29.6   39.5        0             0
## 12388      4   32.2   40.8        0             0
## 12389      3   28.7   40.9        0             0
## 12390      1   27.4   37.9        0             0
## 12391      1   30.2   39.6        0             0
## 12392      1   31.1   40.3        0             0
## 12393      7   30.9   39.6        0             0
## 12394      7   31.0   36.9        0             0
## 12395      7   25.7   33.1        0             0
## 12396      2   25.0   33.8        0             0
## 12397      1   25.0   34.4        0             0
## 12398      6   28.6   35.1        0             0
## 12399      3   31.3   39.2        0             0
## 12400      0   25.8   31.7        0             0
## 12401      3   23.6   29.2        0             0
## 12402      6   24.6   29.7        0             0
## 12403      5   21.8   28.3        0             0
## 12404      4   22.8   30.5        0             0
## 12405      2   25.1   34.1        0             0
## 12406      1   29.0   37.6        0             0
## 12407      0   28.5   36.5        0             0
## 12408      3   30.0   40.0        0             0
## 12409      5   32.3   41.1        0             0
## 12410      0   28.0   38.3        0             0
## 12412      5   25.7   32.3        0             0
## 12413      4   24.5   31.1        0             0
## 12414      1   26.1   35.3        0             0
## 12415      7   26.4   36.5        0             0
## 12416      4   28.5   35.7        0             0
## 12417      5   26.7   34.4        0             0
## 12418      3   26.5   34.7        0             0
## 12419      7   25.5   35.1        0             0
## 12420      5   23.7   32.2        0             0
## 12421      6   25.2   29.4        0             0
## 12422      4   24.1   32.9        0             1
## 12423      5   19.9   24.8        1             1
## 12424      2   24.4   33.5        1             0
## 12425      7   25.9   34.7        0             0
## 12426      7   25.3   33.6        0             0
## 12427      8   25.2   31.2        0             1
## 12428      7   26.7   25.7        1             1
## 12429      7   26.1   30.6        1             1
## 12430      8   23.0   22.9        1             1
## 12431      8   22.5   22.2        1             1
## 12432      7   22.2   26.6        1             1
## 12433      8   21.6   23.9        1             1
## 12434      7   22.1   26.4        1             1
## 12436      6   25.6   31.6        0             0
## 12437      6   24.1   30.2        0             0
## 12438      7   25.8   32.2        0             0
## 12439      7   26.5   30.7        0             1
```

```
## 12441        1    25.1   31.3        0              0
## 12442        2    26.1   33.6        0              0
## 12443        1    27.1   34.8        0              0
## 12444        3    26.9   34.3        0              0
## 12445        3    27.8   36.0        0              1
## 12447        5    25.3   31.1        0              0
## 12448        4    24.9   32.9        0              0
## 12449        3    24.8   33.2        0              1
## 12450        0    21.2   26.1        1              0
## 12451        0    19.8   26.0        0              0
## 12452        0    19.8   30.2        0              0
## 12453        5    23.8   34.0        0              0
## 12454        1    28.8   37.5        0              0
## 12455        1    26.8   35.4        0              0
## 12456        2    26.9   36.1        0              0
## 12457        3    25.4   36.7        0              0
## 12458        1    27.9   37.1        0              0
## 12459        4    28.6   36.7        0              0
## 12463        8    25.6   32.8        0              1
## 12464        8    24.1   27.2        1              0
## 12465        4    24.4   31.2        0              0
## 12466        6    25.1   33.2        0              0
## 12467        6    24.7   29.2        0              0
## 12470        6    23.5   28.7        1              1
## 12471        7    24.5   30.3        1              0
## 12472        3    24.3   30.6        0              0
## 12473        4    24.5   31.9        0              0
## 12475        4    25.4   33.4        0              0
## 12477        7    27.0   32.5        0              1
## 12478        7    23.7   25.1        1              1
## 12479        2    25.2   31.3        1              0
## 12480        4    25.1   31.7        0              0
## 12481        5    25.0   32.3        0              0
## 12482        3    22.6   32.7        0              0
## 12483        6    23.9   30.3        0              0
## 12484        4    24.1   31.7        0              0
## 12485        4    24.7   34.0        0              0
## 12486        7    26.6   24.7        0              1
## 12490        8    23.4   31.8        0              0
## 12491        7    24.1   30.0        0              1
## 12492        8    20.1   22.5        1              1
## 12493        8    17.7   20.0        1              1
## 12494        7    21.9   28.7        1              0
## 12495        7    22.9   28.8        0              0
## 12496        8    19.6   22.7        0              1
## 12497        8    23.5   25.5        1              0
## 12498        8    23.9   26.4        0              0
## 12499        6    22.5   27.2        0              1
## 12500        1    20.8   28.7        1              0
## 12501        1    21.5   28.5        0              0
## 12502        3    23.0   30.1        0              0
## 12503        3    21.2   30.1        0              0
## 12504        6    20.5   28.5        0              0
## 12505        4    20.1   28.8        0              0
```

```
## 12506       6     22.9     29.2          0              0
## 12507       4     22.0     29.7          0              0
## 12508       3     21.0     30.3          0              0
## 12509       0     21.9     31.2          0              0
## 12510       2     22.2     30.2          0              0
## 12511       0     22.0     31.7          0              0
## 12512       1     22.5     31.9          0              0
## 12513       3     23.2     33.9          0              0
## 12514       1     23.8     33.2          0              0
## 12515       3     23.3     32.3          0              0
## 12516       1     22.5     30.3          0              0
## 12517       6     23.2     29.7          0              0
## 12518       5     23.4     32.3          0              0
## 12519       5     23.9     30.6          0              0
## 12520       7     23.0     29.9          0              0
## 12521       7     22.6     20.3          0              1
## 12522       6     17.8     24.0          1              0
## 12523       2     18.3     27.7          0              0
## 12524       2     18.9     28.0          0              0
## 12526       6     22.7     26.7          0              0
## 12527       2     21.8     27.1          0              0
## 12528       8     21.2     25.8          0              1
## 12529       8     20.8     20.4          1              1
## 12530       6     23.2     28.4          1              0
## 12531       5     20.4     27.9          0              0
## 12532       4     23.8     29.3          0              0
## 12533       7     23.1     29.6          0              0
## 12534       8     20.2     20.6          0              0
## 12535       1     16.8     25.3          0              0
## 12536       3     21.6     27.6          0              0
## 12537       3     21.7     26.4          0              0
## 12538       4     21.5     28.1          0              0
## 12539       4     21.8     28.4          0              0
## 12540       4     22.6     27.8          0              0
## 12541       7     22.6     27.5          0              0
## 12542       5     22.4     27.1          0              0
## 12543       1     22.7     29.2          0              0
## 12544       2     23.2     29.1          0              0
## 12545       4     22.9     29.2          0              0
## 12546       4     23.7     29.6          0              0
## 12547       7     22.3     18.5          0              0
## 12548       0     15.2     24.3          0              0
## 12549       7     17.6     23.7          0              0
## 12550       1     21.3     26.7          0              0
## 12552       0     18.0     25.0          0              0
## 12553       3     20.3     26.7          0              0
## 12554       4     20.2     25.8          0              0
## 12555       3     19.7     26.8          0              0
## 12556       6     20.9     24.0          0              0
## 12557       1     19.4     26.1          0              0
## 12558       0     13.0     20.6          0              0
## 12559       0     13.5     22.5          0              0
## 12560       0     15.4     24.8          0              0
## 12561       1     18.1     25.0          0              0
```

```
## 12562     1    18.5    25.4         0              0
## 12563     2    19.7    26.8         0              0
## 12564     0    13.9    18.7         0              0
## 12566     1    12.1    21.6         0              0
## 12567     2    13.9    23.1         0              0
## 12568     4    14.4    22.6         0              0
## 12569     7    15.2    15.2         0              0
## 12570     2    14.2    21.0         0              0
## 12571     1    13.0    22.4         0              0
## 12572     7    15.6    21.5         0              0
## 12573     5    15.9    21.5         0              0
## 12574     3    13.1    21.4         0              0
## 12575     1    15.3    22.1         0              0
## 12576     8    16.0    18.8         0              0
## 12577     2    16.6    23.1         0              1
## 12578     6    14.1    16.9         1              0
## 12579     6    13.8    21.0         0              0
## 12580     6    14.6    20.4         0              1
## 12581     6    14.4    18.0         1              1
## 12582     8    11.1    11.5         1              1
## 12583     7    12.8    14.0         1              1
## 12584     7    11.1    18.4         1              0
## 12585     8    15.2    15.8         0              1
## 12586     7    13.9    18.0         1              0
## 12587     7    12.0    18.4         0              0
## 12588     4    13.1    20.4         0              0
## 12589     6     9.2    13.6         0              0
## 12590     6     7.7    18.5         0              0
## 12591     1    11.9    19.8         0              0
## 12592     5    10.6    17.2         0              0
## 12593     6     8.8    13.3         0              0
## 12594     4     6.8    13.9         0              0
## 12595     2    10.5    15.8         0              0
## 12596     4     7.9    18.0         0              0
## 12598     1    13.6    21.1         0              0
## 12599     1    14.0    20.9         0              0
## 12600     8    13.4    19.3         0              1
## 12602     0     8.6    15.7         0              0
## 12603     1     9.6    18.0         0              0
## 12604     1    10.6    19.4         0              0
## 12605     7    13.5    19.9         0              0
## 12606     5    12.9    21.1         0              0
## 12607     6    14.9    20.2         0              0
## 12608     5    14.8    20.4         0              0
## 12609     4    13.9    16.8         0              1
## 12610     0     7.6    12.7         1              0
## 12611     1     4.7    12.5         0              0
## 12612     0     5.1    12.9         0              0
## 12613     2     4.7    13.0         0              0
## 12614     8     6.5    13.6         0              0
## 12615     8     8.8    10.0         0              1
## 12616     4     7.7    10.6         1              0
## 12617     5     5.3    16.3         0              0
## 12618     6    11.8    19.0         0              0
```

```
## 12619        7    13.8    14.8         0              0
## 12620        8     7.0    10.8         0              0
## 12621        7    10.1    17.0         0              0
## 12622        3    13.9    20.2         0              0
## 12623        3    13.3    21.2         0              0
## 12624        7    14.7    19.4         0              0
## 12625        6    16.6    22.8         0              0
## 12626        7    16.5    21.9         0              1
## 12627        1    12.0    16.9         1              0
## 12628        1    10.1    14.8         0              0
## 12629        4     6.0    14.3         0              0
## 12630        0     9.0    17.9         0              0
## 12631        3    12.1    21.7         0              0
## 12632        7    13.3    14.4         0              1
## 12633        7     6.4    14.4         1              0
## 12634        3     5.9    15.3         0              0
## 12635        1     9.9    17.2         0              0
## 12636        2     9.8    17.6         0              0
## 12637        5    12.0    18.2         0              0
## 12638        5    13.4    19.8         0              0
## 12639        1    13.5    20.5         0              0
## 12640        5    13.2    21.4         0              1
## 12641        7    13.4    17.0         1              1
## 12642        8    13.8    17.3         1              0
## 12643        6    15.6    21.9         0              1
## 12644        6    14.0    17.0         1              0
## 12646        1     8.0    12.9         0              0
## 12647        4     8.9    16.6         0              0
## 12649        5    10.7    16.5         0              0
## 12650        0     8.7    14.6         0              0
## 12651        0     6.2    15.3         0              0
## 12652        1     8.7    17.9         0              0
## 12653        2    14.3    21.3         0              1
## 12654        8    14.6    16.2         1              1
## 12655        7    11.2    14.3         1              0
## 12657        4    11.2    14.9         0              0
## 12658        0     9.9    18.3         0              0
## 12659        1    15.7    18.7         0              0
## 12660        2    11.2    17.9         0              0
## 12661        1    11.2    17.4         0              0
## 12662        0    15.5    23.7         0              0
## 12663        8    16.7    16.3         0              1
## 12664        4    13.5    15.8         1              0
## 12665        2    10.3    15.2         0              0
## 12666        6     9.7    15.7         0              1
## 12667        8    12.8    15.5         1              1
## 12668        7    11.4    14.1         1              0
## 12669        8    12.8    14.9         0              1
## 12670        5    11.4    16.5         1              0
## 12671        4    13.0    17.7         0              0
## 12672        5    11.5    15.1         0              0
## 12673        2    13.0    19.2         0              0
## 12674        1    14.6    19.8         0              0
## 12675        3    15.6    21.7         0              0
```

```
## 12676      1    17.6    24.8        0          0
## 12677      5    17.6    26.3        0          0
## 12678      7    20.6    26.4        0          1
## 12679      8    20.0    19.2        1          1
## 12680      6    15.8    18.5        1          0
## 12681      3    14.5    18.3        0          0
## 12682      2    14.1    18.4        0          0
## 12683      0    13.4    20.3        0          0
## 12684      8    17.6    18.9        0          1
## 12685      5    18.0    23.2        1          0
## 12687      7    14.4    21.2        0          0
## 12688      6    15.7    20.9        0          0
## 12689      2    18.8    26.1        0          0
## 12690      5    15.0    19.4        0          0
## 12691      7    12.0    16.7        0          0
## 12692      6    10.9    13.9        0          0
## 12693      6    10.3    16.6        0          0
## 12694      8    11.2    11.1        0          1
## 12695      7    13.7    18.5        1          0
## 12696      2    18.9    23.6        0          0
## 12697      7    19.2    23.0        0          0
## 12698      2    17.3    21.1        0          0
## 12700      5    19.3    25.4        0          0
## 12701      2    20.0    26.1        0          0
## 12702      3    20.9    20.4        0          1
## 12703      5    21.2    26.2        1          0
## 12704      5    17.3    20.1        0          0
## 12705      2    14.7    20.9        0          0
## 12706      5    16.9    21.2        0          0
## 12707      6    16.2    20.7        0          0
## 12708      8    15.6    17.7        0          1
## 12709      3    18.7    26.1        1          1
## 12710      2    19.2    27.0        1          0
## 12711      4    20.6    26.9        0          0
## 12712      7    20.3    24.5        0          0
## 12713      6    13.7    17.8        0          1
## 12714      6    18.0    22.5        1          0
## 12715      7    18.1    22.9        0          0
## 12716      7    17.8    21.8        0          0
## 12717      4    19.3    26.8        0          0
## 12718      7    18.5    23.7        0          0
## 12719      8    17.9    20.6        0          1
## 12720      8    18.1    17.8        1          1
## 12721      6    10.4    14.6        1          0
## 12722      2    11.0    17.8        0          0
## 12723      1    14.4    22.0        0          0
## 12724      1    16.5    24.6        0          0
## 12725      2    18.8    26.1        0          0
## 12726      7    15.8    19.0        0          0
## 12727      5    18.5    24.6        0          1
## 12728      5    19.3    27.5        1          0
## 12729      7    18.5    17.6        0          1
## 12730      2    17.4    24.2        1          0
## 12731      2    17.8    26.5        0          0
```

```
## 12732        3     18.9    28.5          0              0
## 12733        2     21.2    29.4          0              0
## 12734        5     20.4    29.6          0              0
## 12735        5     21.5    27.8          0              0
## 12736        5     21.3    28.6          0              0
## 12737        8     17.0    15.8          0              1
## 12738        1     14.4    21.2          1              0
## 12739        1     17.4    23.9          0              0
## 12740        6     19.2    26.1          0              0
## 12741        6     20.2    15.4          0              1
## 12742        5     18.4    25.8          1              0
## 12743        3     19.8    28.6          0              1
## 12744        1     18.4    28.1          1              1
## 12745        3     22.0    28.1          1              0
## 12746        2     21.8    28.7          0              0
## 12748        6     24.1    29.7          0              0
## 12749        6     23.9    30.1          0              0
## 12750        7     23.1    29.5          0              0
## 12751        8     22.9    21.0          0              1
## 12752        6     20.0    26.8          1              0
## 12753        7     21.4    26.7          0              0
## 12754        8     21.8    18.0          0              1
## 12755        5     18.4    26.7          1              0
## 12756        5     22.0    26.0          0              0
## 12757        7     19.0    22.7          0              0
## 12758        8     21.6    26.3          0              0
## 12759        7     21.1    28.4          0              0
## 12760        7     22.7    27.7          0              0
## 12761        3     22.8    27.6          0              0
## 12762        5     21.3    27.9          0              0
## 12763        6     23.4    28.7          0              0
## 12764        6     20.0    24.6          0              0
## 12765        8     22.4    19.4          0              1
## 12766        7     20.8    18.7          1              1
## 12767        6     19.8    25.2          1              1
## 12768        6     21.7    24.3          1              0
## 12769        8     22.8    24.2          0              1
## 12770        8     19.6    21.6          1              1
## 12771        5     21.8    27.7          1              0
## 12772        5     23.1    28.7          0              1
## 12773        5     22.0    29.8          1              0
## 12774        6     25.0    29.9          0              0
## 12775        5     25.0    30.9          0              1
## 12776        8     24.2    21.7          1              1
## 12777        7     22.1    24.6          1              0
## 12778        4     20.9    30.3          0              0
## 12779        2     25.6    31.5          0              0
## 12780        2     25.1    31.4          0              0
## 12781        3     24.3    33.3          0              0
## 12782        6     21.0    32.2          0              1
## 12783        8     24.1    25.9          1              0
## 12784        8     21.1    21.2          0              0
## 12785        8     17.8    21.5          0              0
## 12786        1     14.8    21.4          0              0
```

```
## 12787        6    20.2   27.6         0              0
## 12788        7    22.7   29.5         0              0
## 12789        7    22.5   24.4         0              0
## 12790        8    26.8   29.7         0              0
## 12793        7    23.9   31.8         0              0
## 12794        2    25.9   31.4         0              0
## 12795        2    23.1   32.8         0              0
## 12796        2    24.8   34.1         0              0
## 12797        5    26.0   35.0         0              0
## 12798        1    23.9   33.4         0              0
## 12799        7    27.2   26.3         0              1
## 12800        3    26.7   33.5         1              1
## 12801        2    24.2   31.2         1              0
## 12802        7    23.1   22.7         0              1
## 12803        6    21.9   28.5         1              0
## 12804        5    24.2   30.3         0              0
## 12805        4    24.8   31.4         0              0
## 12806        7    26.3   31.6         0              0
## 12807        6    27.3   27.1         0              1
## 12808        6    25.2   31.2         1              0
## 12809        6    26.7   32.1         0              0
## 12810        5    27.0   33.3         0              0
## 12814        4    26.0   35.7         0              0
## 12815        2    27.4   35.7         0              0
## 12816        5    26.7   35.5         0              0
## 12817        5    25.8   34.2         0              0
## 12818        4    25.2   31.0         0              0
## 12819        5    24.1   31.7         0              0
## 12820        3    23.6   31.8         0              0
## 12821        5    23.9   33.1         0              0
## 12822        1    28.6   38.3         0              0
## 12823        1    30.1   39.3         0              0
## 12824        1    28.5   37.1         0              1
## 12825        3    29.3   38.8         1              1
## 12826        2    24.4   31.8         1              0
## 12827        1    24.2   32.2         0              0
## 12828        0    24.8   34.7         0              0
## 12829        1    26.6   35.4         0              0
## 12830        3    28.6   36.9         0              0
## 12831        5    27.1   35.4         0              0
## 12832        6    28.5   36.2         0              0
## 12833        2    27.6   35.6         0              0
## 12834        6    28.0   34.7         0              0
## 12835        7    28.4   24.2         0              1
## 12836        6    22.2   29.6         1              1
## 12837        3    23.1   31.8         1              0
## 12838        4    22.9   31.2         0              0
## 12839        8    24.0   30.7         0              0
## 12841        2    26.5   34.0         0              1
## 12843        7    22.2   28.5         1              0
## 12844        5    23.5   30.8         0              0
## 12845        2    24.2   32.1         0              0
## 12846        4    24.9   32.5         0              0
## 12847        3    24.7   32.9         0              0
```

```
## 12848        6    27.1    35.4        0              0
## 12849        6    25.5    33.4        0              0
## 12850        2    24.8    30.8        0              0
## 12851        1    20.1    28.2        0              0
## 12852        0    21.1    29.9        0              0
## 12853        4    22.3    30.5        0              0
## 12854        5    24.4    32.0        0              0
## 12855        2    24.2    35.2        0              0
## 12856        1    26.7    36.0        0              0
## 12857        1    28.1    37.5        0              1
## 12858        6    25.2    33.1        1              0
## 12859        7    23.9    30.4        0              1
## 12863        3    20.9    28.7        0              0
## 12864        6    21.3    28.6        0              0
## 12865        7    21.4    28.4        0              0
## 12866        7    21.5    29.6        0              0
## 12869        3    24.1    32.8        0              0
## 12870        2    24.6    32.7        0              0
## 12871        2    23.5    31.3        0              0
## 12872        5    23.7    32.5        0              0
## 12873        7    25.0    31.7        0              1
## 12877        7    22.8    29.3        1              1
## 12878        2    23.2    28.5        1              0
## 12879        7    19.8    26.7        0              0
## 12883        6    20.2    27.6        0              0
## 12884        4    18.9    29.6        0              0
## 12885        5    21.2    27.7        0              0
## 12886        2    19.2    29.3        0              0
## 12889        6    16.7    25.2        0              0
## 12890        8    16.2    16.4        0              1
## 12891        2    13.4    22.8        1              0
## 12892        1    15.3    23.8        0              0
## 12895        7    15.0    23.0        0              0
## 12896        7    16.3    21.9        0              0
## 12897        2    13.1    19.6        0              0
## 12898        1    10.9    17.9        0              0
## 12899        4    13.0    17.2        0              0
## 12903        0    12.6    21.4        0              0
## 12905        5    15.0    22.7        0              0
## 12906        2    16.6    23.1        0              0
## 12909        6    17.3    23.0        0              1
## 12910        7    16.6    18.0        1              0
## 12911        6    11.6    14.7        0              1
## 12912        6     9.3    13.7        1              0
## 12917        7    11.4    17.6        0              0
## 12918        3    11.1    15.9        0              0
## 12919        5    13.8    21.8        0              0
## 12920        1    16.7    22.3        0              0
## 12921        3    14.0    20.6        0              0
## 12922        4    12.6    21.4        0              0
## 12923        1    13.4    23.4        0              0
## 12924        6    14.4    18.2        0              0
## 12925        7     9.9    18.7        0              0
## 12926        6     9.9    14.7        0              0
```

```
## 12927      6     4.0    10.6        0              0
## 12928      2     5.3    14.8        0              0
## 12929      5     8.2    17.7        0              1
## 12930      6    11.5    16.4        1              0
## 12931      7    11.8    16.1        0              1
## 12932      8    11.1    11.2        1              1
## 12933      7    12.0    14.8        1              0
## 12934      1    10.6    18.9        0              0
## 12935      3    11.2    17.0        0              0
## 12936      3     8.6    15.5        0              0
## 12937      1     9.9    16.6        0              0
## 12938      1     9.5    17.2        0              0
## 12940      2     5.6    13.8        0              0
## 12941      2     7.3    16.2        0              0
## 12943      1    11.5    20.1        0              0
## 12944      2    12.4    20.7        0              0
## 12945      6    11.6    19.5        0              0
## 12946      2    13.5    21.6        0              0
## 12947      7    14.2    19.7        0              0
## 12948      1    13.6    19.3        0              0
## 12949      4    12.6    19.3        0              0
## 12950      4    12.1    20.5        0              0
## 12951      5    10.4    19.7        0              0
## 12952      3    13.0    23.2        0              0
## 12953      1    10.9    17.1        0              0
## 12954      0     8.5    16.0        0              0
## 12955      2    10.8    17.2        0              0
## 12956      0     7.2    13.8        0              0
## 12957      0     5.0    11.8        0              0
## 12958      3     4.8    13.8        0              0
## 12959      1     8.2    15.3        0              0
## 12960      0     5.5    15.0        0              0
## 12961      7     6.4    11.9        0              0
## 12962      7     8.4    13.0        0              0
## 12963      6     8.2    17.7        0              1
## 12964      8    10.1    12.9        1              1
## 12965      8    11.8    14.3        1              0
## 12966      6    10.7    14.7        0              0
## 12967      5     6.7    12.4        0              0
## 12968      3     6.9    18.6        0              0
## 12969      1     9.2    18.1        0              0
## 12970      4    10.0    19.3        0              0
## 12971      3     9.7    17.7        0              0
## 12972      2     9.6    17.8        0              0
## 12973      6     9.2    18.2        0              0
## 12974      5    10.3    16.8        0              0
## 12975      1     9.2    16.8        0              0
## 12976      1    10.1    18.9        0              0
## 12977      3    11.8    19.2        0              0
## 12978      6    11.7    18.4        0              0
## 12979      2    13.0    20.7        0              0
## 12980      1    13.3    22.9        0              0
## 12981      1    14.5    22.5        0              0
## 12982      1    14.6    22.9        0              0
```

```
## 12983          1     15.0     22.5          0               0
## 12984          5     15.4     21.5          0               0
## 12985          6     14.9     21.5          0               0
## 12986          7     16.1     19.2          0               0
## 12987          6      9.6     15.4          0               0
## 12988          5     11.4     15.4          0               0
## 12989          6     10.1     17.2          0               0
## 12990          6     11.2     14.4          0               0
## 12991          3      7.5     18.3          0               0
## 12992          6     13.4     20.6          0               0
## 12993          3     13.1     20.6          0               0
## 12994          6     14.0     20.5          0               0
## 12995          5     15.6     22.1          0               0
## 12996          6     16.0     22.2          0               1
## 12998          7     10.4     14.2          0               1
## 12999          7     13.5     18.9          1               0
## 13000          7     14.9     19.6          0               0
## 13001          5     14.6     21.0          0               0
## 13002          5     15.7     23.0          0               0
## 13003          0     14.8     21.5          0               0
## 13006          8     14.2     15.8          1               1
## 13007          1     10.2     19.4          1               0
## 13008          5     15.7     24.5          0               1
## 13009          6     16.3     21.4          1               0
## 13010          1     15.2     21.9          0               0
## 13011          1     15.1     21.8          0               0
## 13012          6     16.6     23.1          0               0
## 13013          4     15.1     22.7          0               0
## 13015          1     15.8     23.0          0               0
## 13016          1     16.1     22.6          0               0
## 13017          2     17.8     26.5          0               1
## 13020          6      8.3     14.0          1               0
## 13021          7     11.3     16.2          0               0
## 13022          3     12.5     18.0          0               0
## 13023          1     14.9     21.2          0               0
## 13024          0     15.1     23.2          0               0
## 13028          6     22.2     29.6          0               0
## 13029          0     22.2     30.1          0               0
## 13030          2     19.9     27.4          0               0
## 13031          0     16.6     23.5          0               0
## 13033          3     19.7     28.5          0               0
## 13034          6     23.3     24.4          0               0
## 13035          1     21.2     23.8          0               0
## 13036          5     19.0     24.6          0               0
## 13037          4     16.9     25.1          0               0
## 13038          8     15.8     15.7          0               1
## 13039          3     14.9     19.8          1               0
## 13041          5     11.7     14.9          1               1
## 13042          6      8.9     16.7          1               0
## 13043          2     13.9     20.4          0               0
## 13044          1     13.7     21.6          0               0
## 13045          8     14.6     17.3          0               1
## 13046          8     14.4     15.2          1               1
## 13047          7     16.1     23.0          1               1
```

```
## 13050      6    16.0    21.4        0            0
## 13051      1    16.9    24.3        0            0
## 13052      1    15.7    24.4        0            0
## 13053      6    19.7    26.5        0            0
## 13054      5    20.2    27.5        0            1
## 13057      5    19.7    26.7        0            0
## 13058      1    18.0    22.7        0            0
## 13059      1    17.6    24.0        0            0
## 13060      3    17.7    24.6        0            0
## 13061      2    19.8    27.2        0            0
## 13062      3    20.0    28.1        0            0
## 13063      5    20.2    26.3        0            0
## 13064      2    20.0    28.5        0            0
## 13065      5    21.7    31.4        0            1
## 13066      7    22.0    22.1        1            0
## 13067      7    20.5    25.6        0            0
## 13068      6    20.6    28.1        0            0
## 13069      8    21.5    26.1        0            0
## 13070      6    24.0    30.9        0            0
## 13071      1    19.7    28.1        0            0
## 13072      7    20.9    26.0        0            0
## 13073      1    22.8    29.5        0            0
## 13074      1    23.1    29.5        0            0
## 13075      6    22.6    30.6        0            0
## 13076      6    22.5    30.2        0            0
## 13077      7    21.1    20.7        0            0
## 13078      3    22.0    31.3        0            0
## 13079      3    24.6    33.8        0            0
## 13080      3    23.8    33.2        0            0
## 13081      7    20.6    26.5        0            0
## 13082      5    26.4    33.3        0            0
## 13083      6    24.6    30.2        0            0
## 13084      6    25.2    31.6        0            0
## 13085      1    25.1    35.4        0            0
## 13086      4    29.4    38.0        0            0
## 13087      7    28.0    36.6        0            0
## 13088      7    25.8    32.0        0            0
## 13089      7    24.6    26.1        0            0
## 13090      6    25.2    33.9        0            0
## 13091      4    24.1    33.0        0            0
## 13092      6    27.0    34.0        0            0
## 13093      7    24.1    31.2        0            1
## 13094      8    20.6    22.0        1            1
## 13095      8    19.9    20.8        1            1
## 13096      8    19.6    20.1        1            1
## 13097      6    21.5    26.0        1            0
## 13098      0    24.3    28.5        0            0
## 13099      1    24.8    30.8        0            0
## 13100      6    25.8    31.1        0            0
## 13101      7    23.6    28.7        0            1
## 13102      7    20.6    19.7        1            1
## 13103      4    18.3    25.5        1            0
## 13104      6    19.5    25.4        0            0
## 13105      7    21.1    27.7        0            0
```

```
## 13106      7    22.2    28.2         0              1
## 13107      8    15.3    19.5         1              1
## 13108      8    15.1    15.7         1              1
## 13109      6    19.4    22.9         1              1
## 13110      7    20.1    25.9         1              1
## 13111      5    19.9    25.5         1              0
## 13112      6    23.4    26.6         0              1
## 13113      3    21.0    26.4         1              0
## 13114      2    22.3    27.3         0              0
## 13116      7    21.1    26.6         0              1
## 13117      5    19.7    26.2         1              0
## 13118      6    21.1    26.0         0              0
## 13119      7    19.2    26.3         0              0
## 13120      7    20.4    23.9         0              1
## 13121      4    22.3    28.2         1              0
## 13125      6    24.1    29.9         0              0
## 13126      6    23.8    29.6         0              0
## 13127      7    23.5    29.9         0              0
## 13128      4    24.7    31.2         0              0
## 13129      1    22.9    29.3         0              0
## 13130      3    22.5    30.0         0              0
## 13131      5    21.0    29.3         0              0
## 13132      6    21.7    29.3         0              0
## 13133      4    22.4    29.0         0              0
## 13134      2    22.1    30.6         0              0
## 13135      1    22.9    30.2         0              0
## 13136      5    23.6    32.5         0              0
## 13137      7    28.5    24.2         0              1
## 13138      5    23.9    31.6         1              0
## 13139      6    24.3    32.6         0              0
## 13140      3    25.6    34.7         0              0
## 13141      6    28.2    33.4         0              0
## 13142      5    24.6    30.8         0              0
## 13143      3    25.8    30.1         0              0
## 13144      3    19.6    27.7         0              0
## 13145      6    21.8    30.0         0              0
## 13146      6    22.5    28.8         0              1
## 13147      7    17.3    21.0         1              1
## 13150      5    24.6    31.1         0              0
## 13151      4    25.5    33.6         0              0
## 13152      5    24.8    31.4         0              0
## 13153      6    23.4    30.4         0              0
## 13154      6    23.9    29.6         0              0
## 13155      7    23.7    25.3         0              1
## 13156      8    19.7    21.2         1              1
## 13158      4    25.2    29.9         0              0
## 13159      7    25.7    25.4         0              1
## 13160      8    21.0    20.0         1              1
## 13161      8    21.8    22.9         1              1
## 13162      7    23.6    29.3         1              1
## 13163      7    23.6    25.0         1              1
## 13166      8    20.5    25.4         1              0
## 13169      3    24.7    31.1         0              0
## 13170      6    22.4    27.0         0              0
```

```
## 13172      3    22.7    30.0        0            0
## 13173      6    23.0    30.2        0            1
## 13174      5    23.2    30.3        1            0
## 13175      1    22.4    29.6        0            0
## 13176      2    22.0    31.0        0            0
## 13177      4    23.5    30.9        0            0
## 13178      4    22.4    30.3        0            0
## 13179      4    22.4    29.8        0            0
## 13180      6    21.9    30.8        0            0
## 13181      5    22.9    32.3        0            0
## 13186      4    23.6    30.1        1            0
## 13187      5    22.9    29.8        0            1
## 13188      8    22.4    26.8        1            0
## 13189      7    20.7    24.0        0            1
## 13190      7    22.7    28.7        1            0
## 13191      7    22.5    30.1        0            0
## 13192      6    24.7    31.5        0            0
## 13193      7    24.7    32.4        0            0
## 13194      6    24.5    32.5        0            1
## 13195      7    25.3    30.1        1            0
## 13196      5    23.4    31.7        0            0
## 13197      7    25.4    30.4        0            0
## 13198      3    21.9    27.2        0            1
## 13199      6    19.4    25.4        1            0
## 13200      1    17.2    25.8        0            0
## 13201      2    18.9    27.7        0            0
## 13202      0    20.8    29.6        0            0
## 13203      2    21.2    30.6        0            0
## 13204      5    21.9    30.3        0            0
## 13205      5    21.5    29.6        0            0
## 13206      7    19.9    28.6        0            0
## 13207      4    21.5    29.2        0            0
## 13208      7    22.8    29.5        0            0
## 13209      7    22.1    24.8        0            0
## 13210      5    22.2    30.2        0            0
## 13211      1    19.8    29.5        0            0
## 13212      5    22.1    30.6        0            0
## 13213      7    20.9    28.1        0            0
## 13215      3    22.4    28.0        0            0
## 13216      0    15.9    24.5        0            0
## 13217      4    17.6    28.4        0            0
## 13218      4    19.6    28.0        0            0
## 13219      6    20.6    27.2        0            0
## 13220      2    20.7    28.9        0            0
## 13221      3    20.0    28.3        0            0
## 13222      6    20.2    29.2        0            1
## 13224      0    22.4    29.6        0            0
## 13225      4    23.8    29.8        0            0
## 13226      2    24.5    31.7        0            0
## 13227      1    23.6    31.9        0            0
## 13228      1    23.5    30.4        0            0
## 13229      5    22.4    28.9        0            0
## 13230      6    22.9    31.2        0            0
## 13231      2    25.0    31.2        0            0
```

```
## 13232      1    20.3   25.3         0              0
## 13233      0    15.8   20.9         0              0
## 13234      2    17.0   23.6         0              0
## 13238      6    23.0   27.8         0              0
## 13239      7    22.1   20.2         0              1
## 13241      6    18.9   25.3         0              0
## 13242      2    21.7   27.6         0              0
## 13243      5    21.6   28.0         0              0
## 13244      4    21.7   28.7         0              0
## 13246      8    22.2   18.6         0              1
## 13247      3    18.8   24.1         1              0
## 13251      8    15.4   16.4         1              1
## 13252      4    16.9   24.7         1              0
## 13253      7    17.3   23.9         0              0
## 13254      3    17.8   25.0         0              0
## 13255      4    18.2   24.7         0              1
## 13256      6    17.9   21.6         1              0
## 13258      2    11.1   19.9         0              0
## 13259      1    11.9   20.3         0              0
## 13261      0    15.1   24.9         0              0
## 13262      0    16.9   26.7         0              0
## 13263      0    17.2   26.2         0              0
## 13264      1    17.9   26.2         0              0
## 13265      5    15.8   25.6         0              0
## 13266      0    12.1   17.1         0              0
## 13267      0    11.9   17.8         0              0
## 13272      4    14.8   22.1         0              0
## 13273      1    14.4   22.3         0              0
## 13274      5    16.0   23.0         0              0
## 13281      2    12.5   20.0         0              0
## 13282      1    14.2   21.9         0              0
## 13283      1    14.2   21.8         0              0
## 13284      3    13.9   22.0         0              0
## 13285      8    14.3   15.5         0              1
## 13286      8    13.9   16.3         1              1
## 13287      5    14.3   17.8         1              1
## 13288      7    12.6   14.3         1              0
## 13289      7     8.6   11.6         0              0
## 13290      4     9.3   17.1         0              0
## 13291      1    12.9   17.8         0              0
## 13292      6    11.1   16.6         0              0
## 13293      5    10.8   18.4         0              0
## 13294      3    12.0   19.8         0              0
## 13295      7    12.1   18.8         0              0
## 13296      1    12.7   20.0         0              0
## 13297      2    15.0   20.9         0              0
## 13298      2    14.0   20.1         0              0
## 13299      1    13.1   21.8         0              0
## 13300      5    14.9   21.5         0              0
## 13301      1     9.9   16.4         0              0
## 13302      1     8.7   16.4         0              0
## 13303      1     7.4   16.8         0              0
## 13304      1     8.3   17.9         0              0
## 13305      1     9.9   19.9         0              0
```

```
## 13306      7    15.4   20.5       0              0
## 13307      1     8.2   14.6       0              0
## 13309      1     8.6   17.9       0              0
## 13310      6     9.7   17.8       0              0
## 13311      7     9.6   15.9       0              0
## 13312      3    12.1   20.4       0              0
## 13314      6    13.9   19.9       0              0
## 13315      3    12.4   15.8       0              0
## 13316      1     7.2   14.2       0              0
## 13317      1     9.0   15.0       0              0
## 13318      0     5.9   14.6       0              0
## 13323      4    13.0   21.3       0              0
## 13324      7    15.2   16.4       0              1
## 13325      7    14.3   18.0       1              1
## 13327      8    17.2   16.8       1              1
## 13328      8    13.5   14.2       1              0
## 13329      2    10.1   14.2       0              0
## 13331      7    11.4   16.7       0              0
## 13332      6    12.9   13.5       0              1
## 13333      6    10.2   14.2       1              0
## 13334      0     8.4   16.2       0              0
## 13335      3     9.7   18.5       0              0
## 13336      5    10.6   17.2       0              0
## 13337      2    12.5   17.6       0              0
## 13341      5     9.1   15.1       1              0
## 13342      6     8.4   13.3       0              0
## 13343      1     8.8   15.8       0              0
## 13344      1     7.6   16.1       0              0
## 13345      1     6.6   16.8       0              0
## 13346      1     8.8   16.2       0              0
## 13347      1     7.2   16.2       0              0
## 13353      1     8.6   18.1       0              0
## 13354      7     9.8   15.5       0              0
## 13355      3     7.6   13.8       0              0
## 13356      3    10.1   16.4       0              0
## 13357      1    11.8   18.2       0              0
## 13358      1    11.8   19.2       0              0
## 13359      1    11.5   19.3       0              0
## 13360      1    11.8   22.7       0              0
## 13361      5    12.6   19.5       0              0
## 13362      4    12.9   21.5       0              0
## 13363      4    10.3   16.0       0              0
## 13364      5    10.6   16.5       0              0
## 13365      1    10.9   18.0       0              0
## 13369      0    14.1   18.6       1              0
## 13370      3    11.6   20.5       0              0
## 13371      3    13.3   18.0       0              0
## 13373      2    14.1   19.5       0              0
## 13374      2    16.8   25.2       0              0
## 13375      6    17.7   22.4       0              0
## 13376      1    10.0   17.3       0              0
## 13377      0    10.5   16.9       0              0
## 13378      0    12.6   20.0       0              0
## 13379      0    13.7   21.0       0              0
```

```
## 13380      0    14.1    23.8         0               0
## 13384      0    13.6    19.4         0               0
## 13385      0    14.7    20.2         0               0
## 13386      5    17.1    23.6         0               0
## 13388      3    20.0    27.0         0               0
## 13389      7    20.0    28.2         0               0
## 13390      0    11.8    18.8         0               0
## 13391      0    13.4    21.8         0               0
## 13392      6    16.0    23.5         0               0
## 13393      7    16.6    18.1         0               1
## 13394      4    18.3    24.6         1               1
## 13395      6    17.9    24.5         1               0
## 13396      1    21.2    28.8         0               1
## 13397      3    20.3    26.0         1               0
## 13398      0    18.2    26.1         0               0
## 13399      0    18.6    28.2         0               0
## 13400      1    18.0    24.8         0               0
## 13401      1    17.8    26.4         0               0
## 13402      3    19.4    24.9         0               0
## 13404      5    21.3    30.1         0               0
## 13405      7    17.8    19.3         0               1
## 13406      1    15.2    19.9         1               0
## 13407      1    16.7    23.8         0               0
## 13408      4    19.4    24.8         0               0
## 13409      0    17.7    25.4         0               0
## 13410      0    22.0    29.2         0               0
## 13411      3    23.6    31.5         0               0
## 13412      4    25.2    33.3         0               0
## 13413      0    18.5    26.0         0               0
## 13414      1    16.6    25.7         0               0
## 13415      1    18.3    26.8         0               0
## 13416      1    20.2    31.9         0               1
## 13417      7    12.9    14.2         1               1
## 13418      6     9.1    15.4         1               0
## 13419      5    13.5    22.1         0               0
## 13420      3    14.8    22.6         0               0
## 13421      1    17.8    25.8         0               0
## 13422      1    19.5    28.7         0               0
## 13423      1    21.5    32.8         0               0
## 13427      4    23.2    30.9         0               0
## 13428      1    21.1    29.2         0               0
## 13429      1    16.7    26.4         0               0
## 13430      1    17.8    28.1         0               0
## 13431      1    19.6    30.5         0               0
## 13432      6    23.3    34.0         0               0
## 13433      7    18.8    24.8         0               0
## 13434      6    19.3    26.7         0               0
## 13435      7    18.3    24.2         0               0
## 13436      7    18.2    24.4         0               0
## 13437      3    20.4    29.8         0               0
## 13438      3    23.8    34.2         0               0
## 13440      7    20.6    27.2         0               0
## 13441      5    21.9    29.1         0               0
## 13442      4    22.6    31.1         0               0
```

```
## 13443         7    23.7    31.8              0              0
## 13444         7    22.4    28.7              0              0
## 13445         7    24.2    29.6              0              1
## 13446         8    20.0    22.2              1              0
## 13447         8    19.4    24.7              0              0
## 13448         6    20.9    27.2              0              0
## 13449         1    19.0    28.4              0              0
## 13450         1    20.9    31.1              0              0
## 13451         6    23.4    33.8              0              0
## 13452         7    27.2    35.9              0              0
## 13453         8    25.8    31.8              0              0
## 13454         7    24.5    31.8              0              0
## 13455         1    20.8    31.0              0              0
## 13456         0    23.4    29.6              0              0
## 13457         1    21.2    29.8              0              0
## 13458         2    21.8    31.5              0              0
## 13463         7    26.2    35.0              0              0
## 13464         5    27.0    34.3              0              0
## 13465         3    27.2    34.9              0              0
## 13468         6    24.1    32.0              0              0
## 13469         1    27.6    37.2              0              0
## 13473         3    25.8    34.5              0              0
## 13474         1    24.9    33.5              0              0
## 13475         0    24.7    33.5              0              0
## 13476         2    29.0    38.8              0              0
## 13477         1    26.6    38.2              0              0
## 13478         2    28.6    38.5              0              0
## 13479         3    30.0    40.2              0              1
## 13481         1    23.5    34.2              1              0
## 13482         3    23.1    30.5              0              0
## 13483         1    23.8    32.8              0              0
## 13484         1    26.9    36.7              0              0
## 13485         3    28.8    40.0              0              0
## 13486         6    34.1    37.1              0              0
## 13487         7    26.9    31.3              0              0
## 13488         2    25.4    33.6              0              0
## 13489         7    26.0    33.1              0              1
## 13490         2    26.0    32.9              1              1
## 13491         2    24.8    32.4              1              1
## 13492         6    25.8    33.1              1              0
## 13493         8    27.3    28.7              0              1
## 13494         8    22.6    23.7              1              1
## 13495         8    20.3    21.2              1              1
## 13496         1    21.6    29.8              1              0
## 13497         1    25.4    33.5              0              0
## 13498         1    24.9    31.4              0              1
## 13499         8    20.3    20.9              1              1
## 13500         5    20.8    27.6              1              0
## 13501         7    21.1    27.4              0              0
## 13502         6    22.8    28.9              0              0
## 13503         3    22.5    29.3              0              0
## 13504         5    21.9    27.2              0              0
## 13505         4    21.5    27.9              0              0
## 13506         5    21.6    28.9              0              0
```

```
## 13507        6     22.9    27.8        0              0
## 13508        5     22.7    27.9        0              0
## 13509        4     22.2    29.3        0              0
## 13510        4     22.2    28.6        0              0
## 13511        2     21.7    28.9        0              0
## 13512        4     21.4    29.7        0              0
## 13513        5     23.1    30.3        0              0
## 13514        5     23.6    32.0        0              0
## 13515        0     21.4    27.5        0              0
## 13516        2     19.7    28.2        0              0
## 13517        4     20.5    28.5        0              0
## 13518        3     20.1    28.5        0              0
## 13519        7     20.1    28.5        0              0
## 13520        6     21.7    30.7        0              1
## 13521        6     22.6    29.4        1              1
## 13522        6     23.8    31.7        1              0
## 13523        1     21.3    31.8        0              0
## 13524        7     23.1    29.6        0              0
## 13525        5     23.2    29.4        0              0
## 13526        2     22.8    29.7        0              0
## 13527        6     21.6    27.3        0              0
## 13528        6     18.3    29.1        0              0
## 13529        7     19.1    22.2        0              0
## 13530        5     17.2    26.6        0              0
## 13531        1     18.7    27.7        0              0
## 13532        5     18.0    27.9        0              0
## 13533        4     19.6    28.4        0              1
## 13534        5     17.4    27.6        1              0
## 13535        6     17.2    24.8        0              1
## 13536        2     20.0    25.8        1              0
## 13537        3     20.1    26.8        0              0
## 13538        7     20.7    26.3        0              0
## 13539        4     20.6    26.7        0              0
## 13540        4     20.9    27.4        0              0
## 13541        6     21.2    27.2        0              0
## 13542        3     21.7    27.9        0              0
## 13543        5     19.4    27.4        0              0
## 13544        3     19.7    29.3        0              0
## 13545        2     21.1    29.2        0              0
## 13546        6     20.8    27.8        0              0
## 13547        1     18.8    26.2        0              0
## 13548        6     17.8    20.7        0              0
## 13549        2     14.7    22.1        0              0
## 13550        5     17.7    25.4        0              0
## 13551        1     19.7    27.6        0              0
## 13553        0     20.4    25.1        0              0
## 13557        0     19.6    27.8        0              0
## 13558        1     20.8    27.9        0              0
## 13559        2     20.4    27.6        0              0
## 13560        1     21.1    28.5        0              0
## 13563        2     18.6    26.8        0              0
## 13564        5     18.5    25.5        0              0
## 13565        7     18.7    23.1        0              0
## 13566        2     18.3    24.5        0              0
```

```
## 13567        2     17.8     25.0          0              0
## 13568        5     18.2     23.6          0              0
## 13569        1     16.8     24.7          0              0
## 13570        3     17.9     25.9          0              0
## 13571        3     17.5     25.2          0              0
## 13572        7     18.3     22.4          0              1
## 13573        4     16.6     18.6          1              0
## 13574        4     11.6     18.1          0              0
## 13575        3     13.7     18.8          0              0
## 13576        6     13.4     18.3          0              0
## 13577        6     11.2     16.7          0              0
## 13578        1     12.8     17.4          0              0
## 13579        1      9.7     18.3          0              0
## 13580        7     11.5     17.7          0              0
## 13581        8     11.7     11.8          0              1
## 13582        7     11.4     15.3          1              1
## 13583        5     12.6     17.9          1              0
## 13584        3     11.9     20.0          0              0
## 13586        6     11.1     21.1          0              0
## 13587        6     14.2     21.5          0              0
## 13588        1     16.2     23.4          0              0
## 13589        3     16.3     22.9          0              0
## 13590        5     16.6     23.5          0              0
## 13591        8     15.3     20.7          0              1
## 13592        7     13.4     15.5          1              1
## 13593        1     10.4     17.0          1              0
## 13594        5      9.3     19.4          0              0
## 13595        7     10.8     20.8          0              0
## 13596        7     15.4     21.2          0              0
## 13597        7     16.6     21.4          0              0
## 13598        5     14.9     24.2          0              0
## 13599        7     15.3     20.8          0              0
## 13600        7     14.7     16.7          0              0
## 13601        3     15.2     21.1          0              0
## 13602        8     18.5     15.7          0              1
## 13603        7     14.6     16.4          1              0
## 13604        7     11.6     14.5          0              0
## 13605        6     11.6     13.9          0              0
## 13606        1      7.4     15.6          0              0
## 13608        2      7.4     14.4          0              0
## 13609        5      6.4     16.0          0              0
## 13611        5     11.1     16.1          0              0
## 13612        5      9.1     18.0          0              0
## 13613        6      9.8     16.9          0              0
## 13614        6      9.1     15.9          0              0
## 13615        8      6.9     10.2          0              1
## 13616        1      4.5     16.2          1              0
## 13617        7     11.7     15.5          0              1
## 13618        6     14.5     19.5          1              0
## 13620        2      8.3     18.1          1              0
## 13621        1     12.4     19.3          0              0
## 13622        1     12.0     19.8          0              0
## 13623        0     11.8     21.3          0              0
## 13624        4     14.5     21.8          0              0
```

```
## 13625    2    15.8    21.4        0            0
## 13627    0     8.4    17.1        0            0
## 13628    0     7.3    16.8        0            0
## 13629    6     9.9    17.3        0            0
## 13630    7    13.2    19.2        0            0
## 13631    2    13.4    20.2        0            0
## 13633    3    12.8    21.0        0            0
## 13634    6    13.4    20.0        0            0
## 13635    7    13.6    19.8        0            1
## 13636    3    15.4    21.6        1            0
## 13637    2    15.5    22.2        0            0
## 13638    7    15.4    21.6        0            0
## 13639    8    16.6    16.7        0            1
## 13640    6    14.5    17.5        1            1
## 13641    5     9.4    14.9        1            0
## 13642    5    10.3    16.1        0            0
## 13644    1     7.3    16.4        0            0
## 13645    1    10.0    18.6        0            0
## 13646    1    11.1    18.9        0            0
## 13647    0    11.0    20.2        0            0
## 13648    3    13.0    20.7        0            0
## 13649    7    15.3    18.6        0            0
## 13650    5    14.7    19.6        0            0
## 13651    5    14.6    20.8        0            0
## 13653    6    15.4    20.7        0            0
## 13655    2    10.6    18.6        0            0
## 13656    2    12.5    19.2        0            0
## 13657    1    11.4    21.7        0            0
## 13658    4    12.9    23.0        0            0
## 13659    1    10.8    15.9        0            0
## 13660    1     9.5    18.1        0            0
## 13661    1    10.9    22.1        0            0
## 13662    2    15.7    25.0        0            0
## 13663    6    17.8    27.9        0            0
## 13664    1    12.4    20.9        0            0
## 13665    7    12.4    21.9        0            0
## 13667    2    11.9    21.3        0            0
## 13670    1    11.4    22.2        0            0
## 13671    1     9.2    14.3        0            0
## 13672    1     7.9    15.3        0            0
## 13674    5    11.7    20.7        0            0
## 13675    3    13.7    20.9        0            0
## 13676    1    14.7    22.7        0            0
## 13677    1    15.4    23.6        0            0
## 13678    0    16.5    24.7        0            0
## 13679    1    18.3    26.4        0            0
## 13680    2    18.3    27.5        0            0
## 13681    1    19.4    28.9        0            0
## 13682    6    17.2    24.5        0            0
## 13683    3    19.7    28.5        0            0
## 13684    1    18.0    25.7        0            0
## 13685    1    18.6    24.9        0            0
## 13686    1    17.7    23.7        0            0
## 13688    3    18.3    26.9        0            0
```

```
## 13689        5     19.6    28.8         0              0
## 13690        5     19.4    29.7         0              0
## 13691        1     21.2    28.3         0              0
## 13692        3     20.5    28.8         0              0
## 13693        1     19.6    26.2         0              0
## 13694        1     18.5    26.6         0              0
## 13695        3     22.4    29.0         0              0
## 13696        0     21.7    27.0         0              0
## 13698        8     16.0    17.5         0              1
## 13699        5     18.5    21.6         1              0
## 13700        1     17.7    25.2         0              0
## 13701        0     18.7    24.4         0              0
## 13702        0     18.3    24.1         0              0
## 13704        0     17.3    25.1         0              0
## 13705        1     19.8    30.5         0              0
## 13706        1     23.3    32.9         0              0
## 13707        0     26.2    33.9         0              0
## 13708        1     26.9    33.1         0              0
## 13709        0     19.6    29.9         0              0
## 13710        3     22.1    31.6         0              0
## 13711        0     22.1    28.1         0              0
## 13712        0     22.9    31.3         0              0
## 13713        8     24.6    32.5         0              1
## 13714        4     17.3    25.6         1              0
## 13715        1     17.8    20.0         0              0
## 13716        0     15.7    23.6         0              0
## 13717        6     19.5    28.1         0              0
## 13718        0     18.5    32.1         0              0
## 13719        7     20.1    30.6         0              0
## 13720        1     18.3    27.0         0              0
## 13721        0     18.0    28.3         0              0
## 13722        0     20.5    32.6         0              0
## 13723        0     24.8    30.1         0              0
## 13724        6     21.9    31.6         0              0
## 13725        7     22.0    28.4         0              0
## 13726        0     15.9    21.3         0              0
## 13727        0     15.5    23.5         0              0
## 13728        1     18.5    28.6         0              0
## 13729        3     21.9    33.4         0              1
## 13733        1     22.3    31.7         0              0
## 13734        1     24.2    33.7         0              0
## 13735        7     24.6    32.9         0              0
## 13736        1     20.5    26.1         0              0
## 13737        1     17.6    27.3         0              0
## 13738        0     19.6    26.6         0              0
## 13739        0     20.2    28.8         0              0
## 13740        2     21.3    31.4         0              0
## 13741        5     23.6    28.2         0              0
## 13742        1     21.0    28.8         0              0
## 13743        6     20.7    27.6         0              0
## 13744        6     22.0    29.2         0              0
## 13745        6     22.7    31.3         0              0
## 13746        6     26.4    36.1         0              0
## 13747        0     20.1    28.8         0              0
```

```
## 13748      1    18.9    28.1          0              0
## 13749      1    19.7    28.5          0              0
## 13750      1    21.8    30.5          0              0
## 13751      2    25.1    34.8          0              0
## 13752      6    25.1    34.1          0              0
## 13753      5    23.7    31.5          0              0
## 13758      2    25.6    30.3          1              0
## 13759      7    23.2    29.6          0              0
## 13760      6    20.6    27.3          0              0
## 13761      6    20.7    26.9          0              0
## 13762      6    21.5    29.1          0              0
## 13763      2    26.1    33.4          0              0
## 13768      1    21.7    30.3          1              0
## 13769      1    23.7    30.3          0              0
## 13770      1    21.9    30.7          0              0
## 13771      1    23.5    33.6          0              0
## 13772      8    21.2    22.3          0              1
## 13773      6    22.6    29.3          1              0
## 13774      1    20.9    28.8          0              0
## 13775      1    20.5    29.1          0              0
## 13776      1    22.8    32.0          0              0
## 13777      5    24.4    35.4          0              1
## 13778      5    19.0    26.3          1              0
## 13779      0    17.0    23.9          0              0
## 13780      3    20.4    28.0          0              0
## 13782      1    24.6    35.2          0              0
## 13783      7    26.9    33.9          0              0
## 13784      7    27.8    32.7          0              0
## 13786      3    24.8    34.4          0              0
## 13787      6    26.4    35.5          0              0
## 13788      3    26.0    36.1          0              0
## 13789      7    25.3    34.5          0              0
## 13790      4    24.3    31.4          0              0
## 13792      1    23.2    33.0          0              0
## 13793      2    24.1    33.0          0              0
## 13794      3    26.2    35.6          0              0
## 13795      5    27.2    35.9          0              0
## 13796      7    26.0    36.0          0              0
## 13797      7    27.6    35.2          0              0
## 13798      7    26.3    32.7          0              0
## 13799      6    26.2    32.8          0              0
## 13800      5    29.1    36.8          0              0
## 13801      5    26.4    37.3          0              0
## 13802      1    29.9    42.4          0              0
## 13803      5    27.4    38.1          0              0
## 13804      1    26.6    35.6          0              0
## 13805      4    26.4    35.7          0              0
## 13806      5    29.4    38.1          0              0
## 13807      6    33.4    45.8          0              0
## 13808      0    29.4    34.6          0              0
## 13809      0    26.2    35.5          0              0
## 13810      1    29.4    35.1          0              0
## 13811      1    25.1    34.3          0              0
## 13812      6    24.7    32.7          0              0
```

```
## 13813      7    22.1    29.4        0           0
## 13814      8    24.3    29.9        0           0
## 13815      6    25.5    33.1        0           0
## 13816      3    26.0    36.0        0           0
## 13817      2    24.5    33.1        0           0
## 13818      2    25.3    34.0        0           0
## 13819      1    25.2    34.5        0           0
## 13820      1    25.8    34.1        0           0
## 13821      5    25.6    33.1        0           0
## 13822      3    25.1    34.2        0           0
## 13823      1    25.5    36.2        0           0
## 13824      3    28.2    40.2        0           0
## 13825      1    31.1    40.8        0           0
## 13826      6    28.9    39.1        0           0
## 13828      7    22.6    28.7        1           0
## 13829      3    22.4    32.2        0           0
## 13830      2    23.4    31.7        0           0
## 13831      1    22.3    31.3        0           0
## 13832      1    23.3    31.5        0           0
## 13833      1    23.4    32.7        0           0
## 13834      0    22.9    32.6        0           0
## 13838      1    24.0    32.9        0           0
## 13839      1    23.3    32.6        0           0
## 13840      7    25.2    32.2        0           0
## 13841      7    21.5    29.0        0           0
## 13842      3    21.9    30.8        0           0
## 13843      1    23.4    33.5        0           0
## 13844      1    24.4    34.6        0           0
## 13845      2    27.4    38.0        0           1
## 13846      1    23.9    33.7        1           0
## 13847      1    25.4    35.7        0           0
## 13853      3    26.5    34.0        0           1
## 13854      7    26.0    27.1        1           1
## 13859      4    22.4    30.9        0           0
## 13860      6    22.1    30.5        0           0
## 13861      7    23.4    29.7        0           0
## 13866      6    24.9    31.2        0           0
## 13867      7    23.1    29.4        0           0
## 13868      3    22.1    30.9        0           0
## 13872      5    22.8    31.2        0           0
## 13873      1    22.7    31.8        0           0
## 13874      3    23.2    30.6        0           0
## 13875      3    22.2    30.9        0           0
## 13880      1    21.1    30.3        0           0
## 13881      5    23.0    33.2        0           0
## 13882      6    26.3    34.3        0           1
## 13886      5    23.1    31.9        0           1
## 13887      6    18.6    28.4        1           0
## 13888      8    19.7    20.9        0           1
## 13889      8    19.1    19.2        1           1
## 13894      5    22.3    30.7        0           0
## 13895      7    22.3    29.4        0           0
## 13896      4    22.8    29.9        0           0
## 13900      1    23.6    28.8        1           0
```

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```
## 13901     3    21.9    28.1         0              0
## 13902     6    20.3    27.5         0              0
## 13903     7    22.1    27.9         0              0
## 13908     4    22.9    28.0         0              0
## 13909     4    19.9    25.7         0              0
## 13910     3    21.1    26.0         0              0
## 13914     1    20.8    25.8         0              0
## 13915     2    19.1    27.2         0              0
## 13916     7    22.6    28.4         0              0
## 13917     3    21.6    29.3         0              0
## 13922     6    20.2    25.4         1              0
## 13923     7    19.0    26.3         0              0
## 13924     7    17.6    18.6         0              0
## 13928     6    11.0    15.2         0              0
## 13929     6    11.3    16.3         0              0
## 13931     4    13.1    22.6         0              0
## 13936     2    18.1    25.0         0              0
## 13937     1    17.3    24.7         0              0
## 13938     1    18.5    24.0         0              0
## 13942     7    17.2    23.5         0              0
## 13943     7    18.3    23.7         0              0
## 13944     7    17.5    21.7         0              0
## 13945     2    17.5    25.4         0              0
## 13950     6    19.9    27.2         0              0
## 13951     1    19.1    25.1         0              0
## 13952     6    18.9    24.4         0              0
## 13956     7    19.2    18.5         0              1
## 13959     7     9.9    16.4         0              0
## 13964     1    13.7    20.8         0              0
## 13965     3    15.6    22.3         0              0
## 13966     1    13.2    20.1         0              0
## 13970     6     8.0    13.0         1              0
## 13971     3    10.4    15.5         0              0
## 13972     1     9.5    16.7         0              0
## 13973     1    11.5    20.9         0              0
## 13978     7    11.6    20.9         0              0
## 13979     3    11.3    15.6         0              0
## 13980     1     9.4    17.0         0              0
## 13984     4     9.6    14.3         0              0
## 13985     4     8.9    13.1         0              0
## 13986     1     8.3    14.6         0              0
## 13992     1    10.8    15.2         0              0
## 13993     0     7.5    17.0         0              0
## 13994     0    10.9    21.5         0              0
## 13998     2     8.2    16.8         0              0
## 13999     7    10.2    19.7         0              0
## 14000     7    13.8    19.8         0              1
## 14001     3    12.6    17.8         1              0
## 14008     7    12.5    20.8         0              0
## 14013     1     9.6    18.8         0              0
## 14014     1    11.3    20.6         0              0
## 14015     0    11.9    22.0         0              0
## 14020     7    15.4    20.1         0              0
## 14021     2    14.5    19.2         0              0
```

```
## 14022      1    14.7   20.5        0              0
## 14026      6    13.0   21.9        0              0
## 14027      1     9.6   19.7        0              0
## 14028      2     8.2   18.4        0              0
## 14029      7    13.7   19.8        0              0
## 14034      7    10.6   14.8        1              0
## 14035      7    11.8   15.5        0              0
## 14036      1    12.7   19.0        0              0
## 14048      4    16.6   24.1        0              0
## 14049      4    16.1   18.0        0              0
## 14050      1    10.6   18.4        0              0
## 14054      6    16.9   22.7        0              0
## 14055      6    16.8   23.7        0              0
## 14056      1    18.3   25.3        0              0
## 14057      1    21.1   24.7        0              0
## 14062      1    20.7   28.4        0              0
## 14063      1    20.8   26.1        0              0
## 14064      5    18.7   23.0        0              0
## 14069      7    17.9   23.0        0              0
## 14070      3    19.5   25.5        0              0
## 14077      2    23.5   32.9        0              0
## 14078      0    23.1   25.8        0              0
## 14083      1    21.8   31.3        0              0
## 14084      1    20.0   33.0        0              0
## 14085      1    18.4   27.1        0              0
## 14091      5    14.4   17.7        1              0
## 14092      3    11.9   21.4        0              0
## 14096      1    19.3   27.9        0              0
## 14097      6    21.1   32.2        0              0
## 14098      1    21.9   28.8        0              0
## 14099      4    19.0   28.6        0              0
## 14106      0    23.4   31.1        0              0
## 14110      7    18.9   25.5        1              0
## 14111      1    20.8   29.6        0              0
## 14112      4    21.2   30.1        0              0
## 14113      7    22.6   32.0        0              0
## 14118      1    26.7   36.1        0              0
## 14119      3    28.7   36.0        0              0
## 14120      1    24.4   34.4        0              0
## 14124      5    26.6   32.0        0              0
## 14125      2    21.4   31.0        0              0
## 14126      5    26.0   32.2        0              0
## 14127      4    26.6   35.0        0              0
## 14132      5    29.2   38.0        1              0
## 14133      7    27.7   29.7        0              0
## 14134      7    25.7   30.3        0              0
## 14138      7    23.2   31.6        1              0
## 14139      7    23.1   28.4        0              0
## 14140      5    25.6   33.6        0              0
## 14141      7    26.7   34.6        0              0
## 14146      6    25.6   33.5        1              0
## 14147      5    26.8   32.6        0              0
## 14148      2    26.4   35.5        0              1
## 14152      1    21.5   29.2        0              0
```

```
## 14153        3    23.7    33.3        0            0
## 14154        7    25.6    38.4        0            0
## 14155        3    29.7    39.4        0            0
## 14160        3    25.5    33.7        0            0
## 14161        8    23.2    29.8        0            1
## 14162        4    25.9    34.7        1            0
## 14166        8    17.6    20.3        1            1
## 14167        2    22.6    31.0        1            0
## 14168        1    27.0    37.2        0            0
## 14169        0    27.2    36.9        0            0
## 14174        8    24.0    28.9        1            0
## 14175        4    25.8    31.8        0            0
## 14176        1    25.0    32.6        0            0
## 14180        7    26.1    31.0        0            1
## 14181        7    21.7    28.7        1            1
## 14182        7    25.3    28.3        1            1
## 14183        5    25.8    29.6        1            1
## 14188        7    24.7    34.5        0            0
## 14189        6    26.8    34.8        0            1
## 14190        7    23.4    25.3        1            1
## 14194        6    28.4    36.9        1            0
## 14195        6    29.4    37.1        0            0
## 14196        7    26.3    30.9        0            1
## 14202        7    24.9    32.2        0            1
## 14203        7    22.7    26.4        1            0
## 14204        1    21.8    30.2        0            0
## 14210        2    26.1    32.6        0            0
## 14211        4    24.8    31.7        0            0
## 14216        3    23.4    31.2        0            0
## 14217        7    23.7    32.2        0            0
## 14218        3    23.3    33.2        0            0
## 14222        4    26.7    34.7        0            0
## 14223        3    26.7    34.6        0            0
## 14224        3    25.8    34.4        0            0
## 14225        1    25.6    33.4        0            0
## 14230        1    25.5    34.2        1            0
## 14231        1    24.3    33.1        0            0
## 14232        2    27.2    36.5        0            0
## 14236        7    23.4    30.5        0            0
## 14237        2    26.7    35.6        0            0
## 14238        4    27.0    34.5        0            1
## 14239        7    21.3    27.2        1            0
## 14244        2    21.1    30.3        0            0
## 14245        4    22.2    30.7        0            1
## 14246        1    22.0    32.9        1            0
## 14250        3    22.5    29.3        1            0
## 14251        3    21.7    29.3        0            0
## 14265        3    20.6    27.8        1            1
## 14266        3    20.1    22.7        1            0
## 14267        5    15.2    17.8        0            0
## 14271        7    20.5    26.1        0            0
## 14272        2    21.6    26.9        0            0
## 14273        7    19.9    27.0        0            0
## 14274        2    21.1    27.9        0            0
```

```
## 14279     2    11.0   18.1        1            0
## 14280     8    10.9   13.0        0            1
## 14281     4    12.8   19.9        1            0
## 14285     1    12.5   18.7        0            0
## 14286     1    15.1   19.8        0            0
## 14288     3    17.8   23.6        0            0
## 14293     3    19.5   25.6        1            0
## 14294     1    19.3   27.1        0            0
## 14295     0    16.4   21.4        0            0
## 14300     1    14.6   22.2        0            0
## 14314     7    14.4   20.9        1            0
## 14316     2    13.5   21.3        0            0
## 14320     8    15.8   16.5        0            0
## 14321     2     8.5   15.8        0            0
## 14322     2     6.1   14.1        0            0
## 14323     6     6.7   14.9        0            0
## 14327     2    13.6   21.9        0            0
## 14328     7    14.4   22.5        0            0
## 14329     3    14.7   22.0        0            0
## 14330     1    14.7   22.4        0            0
## 14335     6    16.5   22.5        0            1
## 14336     8    14.8   16.1        1            1
## 14337     5    15.0   18.6        1            1
## 14341     1     9.6   17.1        0            0
## 14342     2    11.5   18.6        0            0
## 14343     5    12.9   19.6        0            0
## 14344     7    14.8   19.6        0            1
## 14349     3    12.8   20.2        0            0
## 14350     7    13.0   16.2        0            1
## 14351     4    10.6   16.9        1            0
## 14355     1    10.6   19.0        0            0
## 14358     1    10.0   18.2        0            0
## 14363     7     8.5   11.9        1            0
## 14364     8     8.5   14.2        0            0
## 14365     7     8.8   14.0        0            1
## 14369     1    10.4   17.3        0            0
## 14370     1    11.0   18.9        0            0
## 14371     4    12.5   18.9        0            0
## 14372     8    12.2   17.2        0            1
## 14377     5    10.0   12.5        1            0
## 14378     0     6.3   13.8        0            0
## 14379     1     8.9   16.7        0            0
## 14383     3    15.0   24.1        0            0
## 14384     1    10.6   16.5        0            0
## 14385     1     9.2   13.2        0            0
## 14386     1     7.4   12.8        0            0
## 14391     0    11.0   19.4        0            0
## 14392     6    12.4   21.2        0            0
## 14398     2    13.0   18.6        0            0
## 14399     4    10.6   17.7        0            0
## 14400     1    12.4   19.3        0            0
## 14405     7    19.5   22.7        1            0
## 14406     4    14.0   17.4        0            0
## 14411     1    12.4   16.2        0            0
```

```
## 14412       1    9.6   17.5        0          0
## 14413       0   12.3   18.7        0          0
## 14414       7   14.0   22.2        0          1
## 14420       0   13.8   18.1        0          0
## 14421       1   13.6   19.7        0          0
## 14425       1   18.3   24.5        0          0
## 14426       1   17.7   25.1        0          0
## 14427       3   20.0   27.6        0          0
## 14428       2   18.3   28.7        0          0
## 14434       1   17.7   22.1        0          0
## 14435       3   14.3   20.0        0          0
## 14440       1   18.1   25.3        0          0
## 14441       4   20.2   27.3        0          0
## 14442       5   19.7   27.4        0          0
## 14453       2   19.5   29.1        0          0
## 14454       7   21.1   29.0        0          0
## 14455       6   23.2   32.6        0          0
## 14456       4   22.3   30.8        0          0
## 14467       7   22.3   29.5        0          0
## 14468       4   24.0   31.9        0          1
## 14469       5   20.1   31.2        1          1
## 14470       7   19.4   26.2        1          0
## 14476       6   26.4   36.1        1          0
## 14477       8   24.2   28.1        0          1
## 14481       5   25.4   30.3        0          0
## 14482       6   20.2   28.4        0          0
## 14483       4   22.5   30.8        0          0
## 14484       6   23.9   31.3        0          0
## 14490       4   21.5   28.4        0          0
## 14491       1   22.9   32.6        0          0
## 14495       5   25.8   35.8        0          0
## 14496       1   27.0   34.5        0          0
## 14497       1   25.9   33.3        0          0
## 14498       2   26.6   35.9        0          0
## 14503       1   28.3   35.9        0          0
## 14504       6   28.8   35.8        0          1
## 14505       7   22.2   30.0        1          0
## 14509       2   23.7   32.8        0          0
## 14510       5   24.6   34.6        0          0
## 14511       6   26.0   35.2        0          0
## 14512       6   23.7   31.4        0          0
## 14517       5   24.0   33.8        0          0
## 14518       6   26.9   35.4        0          1
## 14519       3   21.1   29.9        1          1
## 14523       1   24.6   33.3        0          0
## 14524       6   25.2   33.8        0          0
## 14525       6   26.6   33.4        0          1
## 14526       6   25.5   29.5        1          0
## 14531       2   22.6   30.8        1          0
## 14532       1   21.2   29.6        0          0
## 14533       5   23.0   31.4        0          0
## 14537       8   18.9   18.6        1          1
## 14538       7   19.7   25.7        1          0
## 14539       7   23.2   25.7        0          0
```

```
## 14540      2    21.1    27.8         0                0
## 14545      1    25.8    34.5         0                0
## 14546      6    28.7    38.0         0                0
## 14547      3    30.5    37.9         0                0
## 14551      2    22.2    28.8         1                0
## 14552      4    22.3    30.6         0                0
## 14553      2    23.7    33.2         0                0
## 14554      2    26.5    35.1         0                0
## 14559      7    26.5    34.1         1                1
## 14565      2    23.8    31.3         1                0
## 14566      1    24.5    32.9         0                0
## 14567      7    25.4    31.7         0                0
## 14568      8    24.5    25.6         0                0
## 14573      3    24.1    32.3         0                0
## 14574      1    24.7    33.6         0                0
## 14575      1    24.0    31.3         0                0
## 14579      1    24.1    37.0         0                0
## 14580      2    29.1    38.9         0                0
## 14581      4    29.9    37.4         0                0
## 14582      0    22.6    32.4         0                0
## 14587      1    25.1    34.9         1                0
## 14588      1    24.2    33.4         0                0
## 14589      1    24.2    34.4         0                0
## 14593      3    27.0    35.0         0                0
## 14594      3    26.3    34.6         0                0
## 14595      5    24.9    33.4         0                0
## 14596      3    24.9    34.5         0                0
## 14601      6    24.9    32.6         0                0
## 14602      4    24.6    33.8         0                0
## 14603      4    24.9    34.5         0                0
## 14607      5    24.9    33.4         0                0
## 14608      4    25.2    34.1         0                0
## 14617      4    21.5    29.2         1                0
## 14623      7    24.3    32.2         0                0
## 14624      6    19.7    24.4         0                1
## 14629      4    25.0    32.5         0                0
## 14635      7    25.6    25.2         0                1
## 14636      4    20.8    26.4         1                0
## 14637      1    20.4    28.5         0                0
## 14638      2    22.4    29.3         0                0
## 14643      6    21.0    25.2         0                0
## 14644      7    20.7    27.7         0                0
## 14645      2    22.2    29.3         0                0
## 14649      2    20.3    28.4         0                0
## 14650      2    21.0    26.9         0                0
## 14651      3    22.6    27.2         0                0
## 21120      1    23.3    24.7         0                0
## 21121      5    25.0    25.1         0                0
## 21122      7    24.7    23.8         0                1
## 21123      8    22.1    21.2         1                1
## 21124      7    21.8    21.6         1                0
## 21125      3    21.4    23.3         0                0
## 21126      2    21.9    23.3         0                0
## 21127      6    22.5    22.8         0                0
```

```
## 21128      8    21.9    21.6        0            1
## 21129      6    19.8    22.1        1            0
## 21130      7    21.6    22.1        0            0
## 21131      5    21.6    22.0        0            0
## 21132      7    21.2    22.0        0            1
## 21133      1    19.9    21.7        1            0
## 21134      2    21.4    22.4        0            0
## 21135      1    21.3    21.6        0            0
## 21136      7    21.0    22.1        0            1
## 21137      7    19.2    21.6        1            0
## 21138      1    21.1    21.4        0            0
## 21139      1    21.1    22.0        0            0
## 21140      1    21.8    22.2        0            0
## 21141      2    22.1    22.7        0            0
## 21142      7    22.7    23.3        0            0
## 21143      1    22.7    24.1        0            0
## 21144      5    23.5    23.1        0            0
## 21145      7    22.6    23.0        0            0
## 21146      2    21.5    22.7        0            0
## 21147      2    21.8    22.6        0            0
## 21148      3    22.2    23.0        0            0
## 21149      2    22.3    23.5        0            0
## 21150      6    22.0    22.1        0            1
## 21151      7    21.0    22.6        1            0
## 21152      5    21.9    23.5        0            0
## 21153      8    22.9    23.6        0            0
## 21154      7    22.3    23.1        0            1
## 21155      8    21.8    21.7        1            1
## 21156      8    21.9    21.7        1            1
## 21157      7    23.0    25.2        1            1
## 21158      4    24.7    25.8        1            0
## 21159      8    24.8    24.1        0            1
## 21160      5    24.3    25.5        1            0
## 21161      7    23.6    25.6        0            0
## 21162      4    25.2    26.2        0            1
## 21163      4    23.1    24.1        1            0
## 21164      6    21.6    22.5        0            0
## 21165      7    22.8    23.1        0            1
## 21166      3    23.5    27.3        1            0
## 21167      5    25.2    26.4        0            0
## 21168      8    25.3    25.3        0            0
## 21169      7    25.8    27.5        0            0
## 21170      7    25.0    25.3        0            1
## 21172      5    23.8    24.5        1            0
## 21173      6    22.4    23.8        0            0
## 21174      2    22.9    24.7        0            0
## 21175      1    23.7    24.2        0            0
## 21176      8    22.8    23.9        0            1
## 21178      2    21.8    24.3        0            0
## 21179      2    23.4    25.0        0            0
## 21180      7    22.3    23.1        0            0
## 21181      6    23.6    23.6        0            0
## 21182      8    22.6    23.2        0            1
## 21183      1    23.5    24.6        1            0
```

```
## 21184        1    24.0   25.8        0              0
## 21185        5    23.4   23.9        0              0
## 21186        1    23.0   23.4        0              0
## 21187        1    22.6   23.8        0              0
## 21188        1    22.2   22.8        0              0
## 21189        7    21.2   23.1        0              0
## 21190        6    22.2   22.5        0              0
## 21191        3    21.2   22.8        0              0
## 21192        8    20.8   21.5        0              0
## 21193        1    21.2   23.4        0              0
## 21194        3    24.4   24.3        0              0
## 21195        3    24.0   24.8        0              0
## 21196        3    23.1   24.0        0              1
## 21197        5    22.9   24.0        1              0
## 21198        8    22.8   21.3        0              1
## 21199        7    21.9   22.4        1              0
## 21200        7    21.2   21.3        0              0
## 21201        3    21.2   22.5        0              0
## 21202        7    21.5   22.1        0              1
## 21203        8    21.3   20.1        1              1
## 21204        3    21.6   23.1        1              0
## 21205        3    22.1   21.3        0              0
## 21206        7    22.1   23.6        0              1
## 21207        6    23.0   24.3        1              0
## 21208        7    23.1   23.7        0              0
## 21209        4    23.5   23.6        0              0
## 21210        5    22.4   23.7        0              1
## 21211        7    23.3   20.1        1              1
## 21212        2    22.3   23.4        1              0
## 21213        7    22.9   21.0        0              0
## 21214        3    22.9   23.1        0              0
## 21215        2    22.9   23.5        0              0
## 21216        6    22.3   22.4        0              0
## 21217        7    18.5   21.7        0              1
## 21218        6    19.5   20.5        1              0
## 21219        3    19.5   21.8        0              0
## 21220        3    20.2   22.0        0              0
## 21221        7    20.9   21.4        0              0
## 21222        7    21.6   22.5        0              0
## 21223        2    22.1   22.9        0              0
## 21224        8    22.0   21.9        0              0
## 21225        8    21.9   22.0        0              1
## 21226        7    20.6   20.8        1              1
## 21227        8    21.0   21.3        1              1
## 21228        5    20.5   21.8        1              0
## 21229        5    22.0   22.7        0              1
## 21230        7    21.0   22.6        1              0
## 21231        7    22.3   22.9        0              1
## 21232        1    22.7   23.3        1              1
## 21233        3    22.1   22.7        1              0
## 21234        1    21.6   22.1        0              0
## 21235        1    21.5   22.9        0              0
## 21236        1    20.9   22.1        0              0
## 21238        6    20.7   21.4        0              0
```

```
## 21239     5     20.6     21.4          0               0
## 21240     3     20.0     20.3          0               1
## 21241     2     18.3     19.2          1               0
## 21242     1     18.6     19.8          0               0
## 21243     3     17.9     18.3          0               0
## 21244     2     18.3     19.6          0               0
## 21245     5     19.2     18.3          0               1
## 21246     4     17.6     18.5          1               0
## 21247     6     19.4     19.9          0               1
## 21248     2     18.5     18.5          1               0
## 21249     6     19.1     18.4          0               1
## 21250     5     16.8     17.8          1               0
## 21251     3     17.9     19.2          0               1
## 21252     4     18.1     18.9          1               0
## 21253     7     18.8     19.6          0               0
## 21254     1     19.7     21.5          0               0
## 21255     5     19.7     20.0          0               1
## 21256     6     19.9     20.4          1               0
## 21257     7     18.5     19.7          0               0
## 21258     7     17.1     17.1          0               0
## 21259     2     17.0     17.1          0               1
## 21260     7     17.6     17.4          1               0
## 21261     8     17.5     17.8          0               0
## 21262     8     17.5     17.0          0               0
## 21263     6     17.2     17.2          0               0
## 21264     1     16.6     17.8          0               1
## 21265     5     16.8     18.2          1               0
## 21266     3     17.9     18.4          0               0
## 21267     2     18.5     18.8          0               0
## 21269     2     17.0     19.4          1               0
## 21270     4     17.7     17.4          0               0
## 21271     7     16.8     16.0          0               1
## 21272     7     13.9     16.2          1               0
## 21273     6     17.6     16.5          0               1
## 21274     3     17.7     17.9          1               0
## 21275     5     17.7     17.4          0               0
## 21276     8     17.5     16.6          0               1
## 21277     6     18.9     19.5          1               1
## 21278     5     19.0     20.2          1               0
## 21280     7     19.7     19.3          0               0
## 21281     6     19.3     19.5          0               0
## 21282     3     18.1     18.6          0               0
## 21283     6     17.9     17.9          0               1
## 21285     1     17.2     18.5          1               0
## 21286     7     18.5     17.2          0               0
## 21287     6     17.2     16.6          0               0
## 21288     6     16.1     15.6          0               0
## 21289     2     15.4     16.8          0               0
## 21290     7     16.2     16.3          0               0
## 21291     1     16.0     17.3          0               0
## 21292     3     14.8     17.3          0               0
## 21293     2     16.3     16.7          0               0
## 21294     7     16.1     17.1          0               0
## 21295     7     18.0     19.1          0               0
```

```
## 21296     8   19.0   18.9      0          1
## 21297     8   18.6   19.4      1          1
## 21298     6   19.3   19.3      1          1
## 21299     6   17.3   17.0      1          1
## 21300     7   16.5   18.6      1          1
## 21302     2   17.5   19.4      0          0
## 21303     4   18.5   18.7      0          1
## 21304     4   15.5   18.2      1          1
## 21305     5   16.1   18.3      1          1
## 21306     3   17.5   18.4      1          0
## 21307     7   18.2   17.8      0          1
## 21309     8   15.4   16.0      1          1
## 21310     8   16.1   17.2      1          1
## 21311     8   17.4   18.5      1          1
## 21312     7   15.7   16.5      1          0
## 21313     1   15.5   16.6      0          0
## 21314     4   16.8   18.7      0          0
## 21315     2   18.9   20.0      0          1
## 21316     8   14.7   16.4      1          1
## 21317     2   17.4   17.9      1          1
## 21318     2   15.9   17.2      1          0
## 21319     7   16.0   17.3      0          0
## 21320     3   15.7   17.3      0          1
## 21321     1   16.4   16.9      1          0
## 21322     1   16.0   18.1      0          0
## 21323     7   17.3   18.1      0          0
## 21324     8   18.4   13.5      0          1
## 21325     1   14.4   15.7      1          0
## 21326     6   15.4   15.7      0          0
## 21327     7   14.0   15.1      0          1
## 21328     7   17.2   16.0      1          1
## 21330     1   16.5   16.9      0          0
## 21331     2   15.1   16.7      0          0
## 21332     1   17.5   18.0      0          0
## 21333     3   17.0   17.2      0          0
## 21334     3   15.7   16.9      0          0
## 21335     3   16.7   17.1      0          0
## 21336     7   15.7   17.1      0          0
## 21337     8   17.4   16.8      0          1
## 21338     7   16.2   16.5      1          0
## 21339     7   17.4   18.1      0          1
## 21340     7   18.1   17.7      1          1
## 21341     2   15.9   18.6      1          0
## 21342     4   16.4   16.6      0          0
## 21343     1   16.9   17.2      0          0
## 21344     7   17.0   17.9      0          0
## 21345     4   17.4   18.8      0          0
## 21346     3   17.5   18.6      0          0
## 21347     2   16.7   17.4      0          1
## 21348     2   16.6   18.0      1          0
## 21349     7   17.6   17.8      0          1
## 21350     8   13.5   14.6      1          1
## 21351     4   15.7   16.3      1          0
## 21352     7   14.1   16.5      0          0
```

```
## 21353        7    14.7    16.4        0            1
## 21354        5    16.0    17.7        1            0
## 21355        2    16.0    16.7        0            0
## 21356        1    16.8    18.2        0            0
## 21357        7    18.4    19.5        0            0
## 21358        6    18.4    19.9        0            0
## 21359        7    18.2    18.0        0            1
## 21360        3    18.2    19.4        1            0
## 21361        7    18.1    19.0        0            1
## 21362        7    17.4    17.3        1            1
## 21363        7    16.8    17.8        1            1
## 21364        1    17.0    17.9        1            0
## 21365        1    16.7    16.9        0            0
## 21366        2    15.7    16.6        0            0
## 21367        7    16.3    16.3        0            0
## 21368        6    16.4    16.0        0            0
## 21369        7    16.2    16.8        0            0
## 21370        7    17.3    17.6        0            0
## 21371        6    18.0    18.5        0            1
## 21372        7    17.7    18.6        1            1
## 21373        8    17.0    17.4        1            1
## 21374        3    17.2    17.3        1            0
## 21375        8    17.2    17.4        0            0
## 21376        6    17.6    18.6        0            0
## 21377        6    17.3    18.0        0            1
## 21378        7    16.7    18.2        1            1
## 21379        7    16.8    17.3        1            0
## 21380        6    17.3    17.7        0            0
## 21381        7    16.6    17.8        0            0
## 21382        7    18.4    19.0        0            1
## 21383        2    18.3    19.5        1            0
## 21384        4    18.0    18.9        0            0
## 21385        5    18.4    20.6        0            0
## 21387        1    18.4    19.8        1            0
## 21388        1    18.5    19.0        0            0
## 21389        6    17.9    18.9        0            1
## 21390        2    18.2    19.1        1            0
## 21391        7    18.6    19.0        0            0
## 21392        7    18.4    17.1        0            0
## 21393        1    17.7    18.4        0            0
## 21394        1    18.2    19.1        0            0
## 21395        7    18.1    19.0        0            0
## 21396        8    20.0    18.0        0            1
## 21397        3    16.8    16.6        1            0
## 21398        7    16.5    17.3        0            0
## 21399        6    17.0    18.0        0            0
## 21400        8    18.6    18.6        0            1
## 21401        3    18.9    19.2        1            0
## 21402        5    16.0    16.3        0            0
## 21404        3    14.9    17.2        0            0
## 21405        1    17.5    18.4        0            0
## 21406        1    19.2    19.6        0            0
## 21407        1    19.2    20.8        0            0
## 21408        1    21.3    21.3        0            0
```

```
## 21409      8    20.0    20.2        0          0
## 21410      3    18.8    19.4        0          1
## 21411      6    16.7    17.6        1          0
## 21412      3    16.7    18.7        0          0
## 21413      3    18.2    18.6        0          0
## 21414      3    17.4    18.5        0          0
## 21415      1    17.6    18.7        0          0
## 21416      3    18.8    19.0        0          0
## 21417      3    18.6    19.5        0          0
## 21418      4    19.2    20.7        0          0
## 21419      7    18.6    17.3        0          0
## 21420      5    18.0    17.8        0          0
## 21421      3    17.0    18.4        0          0
## 21422      6    16.5    17.6        0          0
## 21423      1    17.1    17.8        0          0
## 21424      7    17.6    17.2        0          0
## 21425      2    18.2    18.2        0          0
## 21426      3    18.8    20.7        0          1
## 21427      3    19.0    20.3        1          0
## 21428      1    20.5    21.2        0          0
## 21429      5    20.0    20.3        0          1
## 21430      8    18.2    18.7        1          0
## 21431      7    16.3    17.7        0          0
## 21432      7    17.4    17.8        0          0
## 21433      3    18.0    19.0        0          0
## 21434      1    19.3    20.1        0          0
## 21435      7    20.1    20.4        0          0
## 21436      1    19.6    20.0        0          0
## 21437      3    19.4    19.8        0          0
## 21438      3    19.5    20.8        0          0
## 21439      1    20.3    21.8        0          0
## 21440      2    20.7    23.0        0          0
## 21441      2    21.7    22.4        0          1
## 21442      7    19.9    20.4        1          0
## 21443      7    18.6    19.7        0          0
## 21444      6    18.9    20.3        0          0
## 21445      5    20.3    21.8        0          0
## 21446      7    20.1    20.2        0          0
## 21447      7    19.7    20.6        0          0
## 21448      4    20.9    21.6        0          0
## 21449      0    21.0    21.5        0          0
## 21450      1    21.7    21.7        0          0
## 21451      2    21.2    22.1        0          0
## 21452      1    21.4    23.5        0          0
## 21453      8    22.8    19.9        0          1
## 21454      2    22.6    23.9        1          0
## 21455      7    23.2    23.4        0          0
## 21456      2    22.4    23.1        0          0
## 21457      1    21.4    22.8        0          0
## 21458      1    21.3    22.6        0          0
## 21459      2    21.6    21.7        0          0
## 21460      1    22.5    22.6        0          0
## 21461      4    23.2    24.3        0          0
## 21462      3    23.5    23.4        0          0
```

```
## 21463      3    23.4    23.2         0              0
## 21466      2    22.1    24.2         0              0
## 21467      5    20.5    23.0         0              0
## 21468      7    22.1    21.6         0              0
## 21469      3    20.7    20.8         0              0
## 21470      2    20.0    20.7         0              0
## 21471      1    21.3    22.2         0              0
## 21472      1    21.8    24.6         0              0
## 21473      2    23.9    24.5         0              0
## 21474      7    23.0    23.0         0              0
## 21475      7    22.6    22.5         0              0
## 21476      1    22.3    22.7         0              0
## 21477      6    22.6    22.7         0              1
## 21478      4    23.2    23.9         1              0
## 21479      2    23.1    23.9         0              0
## 21480      7    22.4    23.1         0              0
## 21481      3    22.7    22.9         0              0
## 21482      3    23.4    22.8         0              0
## 21483      7    22.9    23.2         0              0
## 21484      8    21.9    22.2         0              0
## 21485      2    22.4    23.4         0              0
## 21486      4    22.5    23.4         0              0
## 21487      7    23.8    24.2         0              0
## 21488      7    23.5    25.4         0              0
## 21489      7    22.5    23.2         0              0
## 21490      6    21.2    23.3         0              0
## 21491      5    23.2    22.7         0              0
## 21492      4    23.1    24.2         0              0
## 21493      3    23.8    23.9         0              0
## 21494      1    21.9    23.0         0              0
## 21495      8    24.1    20.6         0              0
## 21496      2    21.9    23.2         0              0
## 21497      5    21.8    23.0         0              0
## 21498      2    21.1    23.8         0              0
## 21499      2    22.9    23.5         0              1
## 21500      4    21.7    23.2         1              0
## 21501      6    22.5    23.4         0              0
## 21502      6    23.0    23.5         0              0
## 21503      7    23.8    24.4         0              1
## 21504      1    24.0    24.6         1              0
## 21505      3    24.1    24.9         0              0
## 21506      6    23.3    23.7         0              0
## 21507      7    20.5    23.1         0              0
## 21508      5    21.9    23.6         0              0
## 21509      6    23.4    24.6         0              0
## 21510      7    24.0    23.0         0              0
## 21511      3    23.5    24.3         0              0
## 21512      2    23.8    25.0         0              0
## 21513      6    22.8    23.7         0              1
## 21514      7    22.7    24.0         1              0
## 21515      7    22.9    24.1         0              0
## 21516      2    22.7    24.1         0              0
## 21517      5    23.5    24.4         0              1
## 21518      7    23.6    24.3         1              1
```

```
## 21519          5      23.1       25.0           1              0
## 21520          4      23.6       24.9           0              0
## 21521          6      23.2       25.2           0              1
## 21522          7      23.0       24.1           1              0
## 21523          4      23.8       24.5           0              0
## 21524          6      23.8       24.3           0              0
## 21525          5      22.4       23.9           0              0
## 21526          3      22.6       22.7           0              0
## 21527          3      22.9       24.1           0              0
## 21528          1      23.1       25.1           0              0
## 21530          5      23.3       24.8           0              0
## 21531          1      23.1       25.0           0              0
## 21532          5      22.6       24.2           0              0
## 21533          7      23.6       24.5           0              0
## 21534          2      22.8       24.0           0              0
## 21535          3      21.9       24.3           0              0
## 21536          5      19.9       24.3           0              0
## 21538          6      23.8       24.4           0              0
## 21539          7      23.3       22.6           0              1
## 21540          5      23.5       24.4           1              0
## 21541          8      21.9       22.3           0              1
## 21542          2      23.4       24.2           1              0
## 21543          2      23.4       24.0           0              0
## 21544          6      23.8       24.1           0              0
## 21545          7      24.0       24.0           0              0
## 21546          6      23.8       23.5           0              0
## 21547          7      20.9       24.0           0              0
## 21548          2      22.3       23.2           0              0
## 21549          5      22.7       24.2           0              0
## 21550          3      22.3       23.9           0              1
## 21551          7      21.6       23.7           1              0
## 21552          2      22.3       23.5           0              0
## 21553          4      22.4       24.1           0              0
## 21554          3      23.5       23.8           0              0
## 21555          7      20.1       21.5           0              0
## 21556          2      21.1       22.6           0              0
## 21557          7      21.1       22.0           0              1
## 21558          6      19.4       23.2           1              1
## 21559          7      20.3       23.0           1              1
## 21560          3      21.7       23.4           1              0
## 21561          2      21.9       22.7           0              0
## 21562          3      22.6       22.7           0              0
## 21563          1      22.0       24.0           0              0
## 21564          3      21.8       22.8           0              0
## 21565          3      22.6       24.1           0              0
## 21566          7      22.3       23.2           0              0
## 21567          7      22.9       23.1           0              1
## 21568          1      23.2       24.3           1              0
## 21569          1      21.2       22.7           0              0
## 21570          7      21.8       23.4           0              0
## 21571          3      21.6       22.8           0              1
## 21572          7      21.7       23.5           1              0
## 21573          7      23.0       24.0           0              0
## 21574          4      22.7       24.8           0              1
```

```
## 21575     5    21.8    24.0        1           1
## 21576     6    22.2    23.0        1           0
## 21577     3    22.4    23.7        0           0
## 21578     1    22.0    23.8        0           0
## 21579     3    22.5    20.8        0           1
## 21580     3    20.5    21.5        1           0
## 21581     7    20.7    22.3        0           0
## 21582     5    21.3    20.5        0           0
## 21583     7    21.7    22.9        0           1
## 21584     6    20.7    22.4        1           0
## 21585     6    21.4    22.2        0           0
## 21586     7    22.2    22.9        0           0
## 21587     7    22.2    23.5        0           1
## 21588     7    21.1    21.6        1           0
## 21589     2    21.2    22.7        0           1
## 21590     5    20.5    21.5        1           0
## 21591     6    20.9    21.6        0           0
## 21592     5    20.3    20.8        0           0
## 21593     3    21.5    22.3        0           0
## 21594     7    20.7    21.0        0           1
## 21595     4    20.2    20.6        1           0
## 21596     7    19.6    21.3        0           0
## 21597     7    20.1    20.3        0           0
## 21598     4    20.8    21.2        0           0
## 21599     7    20.9    21.9        0           1
## 21600     8    20.5    21.3        1           1
## 21601     2    21.6    21.8        1           0
## 21602     7    20.8    21.3        0           0
## 21603     6    20.9    22.8        0           0
## 21604     6    21.2    22.0        0           0
## 21605     7    21.4    20.3        0           0
## 21606     7    20.2    19.8        0           0
## 21607     7    17.0    19.1        0           0
## 21608     7    19.0    20.2        0           0
## 21609     1    20.2    21.7        0           0
## 21610     7    20.4    20.6        0           1
## 21611     7    21.3    20.9        1           1
## 21612     4    21.0    20.8        1           1
## 21613     6    19.8    20.4        1           1
## 21614     7    19.6    19.6        1           1
## 21615     7    20.2    21.3        1           0
## 21616     6    19.8    20.7        0           0
## 21617     4    21.1    19.4        0           1
## 21618     6    20.3    17.9        1           1
## 21619     1    16.3    20.5        1           1
## 21620     3    19.2    19.7        1           1
## 21621     3    19.1    19.4        1           0
## 21622     1    20.0    20.6        0           1
## 21623     7    19.0    20.4        1           0
## 21624     4    17.9    20.0        0           0
## 21625     6    20.0    20.2        0           0
## 21626     7    18.9    19.6        0           1
## 21628     6    18.9    18.2        1           0
## 21629     6    18.2    18.7        0           1
```

```
## 21630          8    16.9    18.7          1              1
## 21631          1    19.5    21.3          1              0
## 21632          2    18.9    19.2          0              0
## 21633          8    17.4    17.4          0              0
## 21634          8    18.3    18.7          0              1
## 21635          6    20.2    21.3          1              0
## 21636          8    20.4    20.8          0              0
## 21637          7    19.9    21.1          0              0
## 21639          8    18.3    19.0          0              1
## 21640          1    19.7    21.9          1              1
## 21641          7    20.0    20.4          1              0
## 21642          2    18.4    19.3          0              1
## 21643          5    16.2    16.3          1              1
## 21644          7    16.0    17.0          1              0
## 21645          6    18.1    19.6          0              1
## 21646          6    17.8    17.8          1              0
## 21647          7    17.9    18.6          0              1
## 21648          2    17.7    18.3          1              0
## 21649          4    16.7    16.8          0              1
## 21650          3    16.4    17.7          1              0
## 21651          6    17.5    17.1          0              0
## 21652          8    17.2    17.7          0              1
## 21653          7    17.8    18.0          1              1
## 21654          7    18.1    18.8          1              0
## 21656          8    17.9    16.0          0              1
## 21657          8    15.3    15.3          1              1
## 21658          5    15.4    16.2          1              0
## 21659          4    15.6    16.7          0              1
## 21660          2    16.3    17.6          1              0
## 21661          4    17.4    18.1          0              0
## 21662          1    16.9    18.1          0              1
## 21663          6    16.4    18.9          1              0
## 21664          1    17.5    18.4          0              0
## 21665          7    17.0    17.8          0              0
## 21666          7    16.5    17.6          0              1
## 21667          7    19.0    18.8          1              0
## 21668          7    16.6    17.7          0              1
## 21669          3    18.2    18.5          1              1
## 21670          4    16.5    17.2          1              0
## 21671          7    15.5    16.6          0              0
## 21672          3    16.1    16.9          0              1
## 21673          8    13.2    13.6          1              0
## 21674          2    15.9    17.0          0              0
## 21675          7    15.1    15.1          0              0
## 21676          4    16.0    16.5          0              1
## 21677          5    15.8    15.8          1              0
## 21678          3    15.9    17.3          0              0
## 21679          2    15.3    16.2          0              0
## 21680          5    15.1    17.5          0              1
## 21681          4    17.0    18.5          1              0
## 21682          2    17.3    16.7          0              0
## 21683          6    16.0    16.7          0              0
## 21684          4    15.5    14.6          0              1
## 21685          2    16.1    18.0          1              1
```

```
## 21686        8    17.7    18.6         1           1
## 21687        7    17.7    18.3         1           0
## 21688        4    16.9    17.0         0           0
## 21689        3    15.7    16.5         0           0
## 21690        7    16.1    14.8         0           0
## 21691        5    16.3    16.9         0           0
## 21692        7    15.6    16.7         0           0
## 21693        3    16.4    16.7         0           0
## 21694        1    16.2    16.9         0           0
## 21695        7    16.5    17.4         0           0
## 21696        3    18.1    18.5         0           0
## 21697        2    18.7    20.2         0           0
## 21698        4    19.5    21.2         0           1
## 21699        8    17.3    19.9         1           1
## 21700        7    18.5    18.7         1           0
## 21701        1    17.2    18.1         0           0
## 21702        7    17.3    16.9         0           1
## 21703        8    16.1    13.5         1           1
## 21704        1    17.0    17.7         1           0
## 21705        2    16.7    17.3         0           0
## 21706        2    16.0    16.5         0           0
## 21707        7    16.1    16.8         0           0
## 21708        8    17.6    17.8         0           1
## 21710        4    17.0    19.3         1           0
## 21711        2    18.0    19.1         0           0
## 21712        3    17.5    19.3         0           1
## 21713        4    16.7    19.3         1           0
## 21714        2    17.3    17.6         0           0
## 21715        5    16.9    17.4         0           0
## 21716        6    18.1    18.9         0           0
## 21717        7    19.0    17.9         0           1
## 21718        1    16.6    18.4         1           1
## 21719        4    16.2    17.1         1           0
## 21720        8    16.1    16.4         0           1
## 21721        7    18.2    19.2         1           1
## 21723        8    17.7    15.9         1           1
## 21724        3    18.6    19.1         1           0
## 21725        6    17.9    17.6         0           0
## 21726        7    15.1    16.2         0           1
## 21727        7    15.4    15.6         1           1
## 21728        5    15.0    16.3         1           0
## 21729        7    16.7    17.6         0           0
## 21730        8    18.6    18.9         0           0
## 21731        1    16.3    17.1         0           0
## 21732        2    17.0    19.5         0           0
## 21733        1    18.8    21.3         0           0
## 21734        6    19.8    21.1         0           1
## 21735        7    16.0    17.3         1           0
## 21736        2    17.4    18.5         0           0
## 21737        7    17.6    17.9         0           0
## 21738        8    19.8    19.7         0           1
## 21739        3    18.0    19.0         1           0
## 21740        2    17.0    17.7         0           0
## 21741        4    18.2    19.5         0           1
```

```
## 21742      7   18.0   19.1        1              0
## 21743      3   19.4   19.4        0              0
## 21744      7   18.7   19.4        0              0
## 21745      1   18.2   19.1        0              1
## 21746      7   19.0   19.3        1              0
## 21747      7   19.8   17.9        0              1
## 21748      8   18.1   17.6        1              1
## 21749      3   18.1   17.1        1              0
## 21750      7   16.2   16.0        0              0
## 21751      2   16.3   17.8        0              0
## 21752      1   17.7   18.9        0              0
## 21753      7   18.1   19.6        0              1
## 21754      8   17.8   17.5        1              1
## 21755      7   19.5   19.8        1              1
## 21756      8   18.9   20.6        1              0
## 21757      7   22.1   21.6        0              1
## 21758      8   17.2   17.2        1              0
## 21759      8   17.0   17.7        0              0
## 21760      7   16.8   17.4        0              0
## 21761      8   17.0   17.8        0              0
## 21762      2   16.4   18.5        0              0
## 21763      6   18.1   18.2        0              0
## 21764      5   18.4   18.6        0              0
## 21765      4   19.8   20.3        0              0
## 21766      7   20.3   20.0        0              0
## 21767      3   18.7   20.3        0              0
## 21768      2   16.7   16.8        0              0
## 21769      5   15.6   15.9        0              0
## 21770      6   16.5   16.5        0              0
## 21771      7   16.8   17.7        0              0
## 21772      7   17.3   17.5        0              0
## 21773      5   19.4   21.6        0              1
## 21774      1   17.5   20.1        1              0
## 21775      3   18.9   19.4        0              0
## 21776      1   17.8   19.6        0              1
## 21777      4   17.5   17.5        1              0
## 21778      7   17.2   17.0        0              0
## 21779      8   17.4   17.7        0              0
## 21780      8   17.6   17.7        0              1
## 21781      4   18.8   20.3        1              1
## 21782      4   19.5   21.3        1              0
## 21783      8   19.8   20.3        0              0
## 21784      6   20.1   21.2        0              0
## 21785      8   21.2   19.9        0              0
## 21786      8   19.5   18.9        0              1
## 21787      7   19.8   19.3        1              1
## 21788      8   18.3   17.8        1              1
## 21789      7   17.6   19.1        1              0
## 21790      7   18.6   18.5        0              0
## 21791      7   19.3   20.5        0              1
## 21792      8   19.9   19.6        1              0
## 21793      8   19.4   16.1        0              1
## 21794      6   17.3   17.2        1              0
## 21795      2   16.1   18.7        0              0
```

```
## 21796        6     18.7     19.7            0                0
## 21797        6     18.5     19.3            0                0
## 21798        4     18.7     19.0            0                1
## 21799        4     18.8     19.4            1                0
## 21800        7     19.6     20.0            0                0
## 21801        2     20.5     20.2            0                0
## 21802        3     19.1     20.2            0                0
## 21803        1     19.1     19.8            0                0
## 21804        7     19.1     18.5            0                1
## 21805        7     19.4     20.6            1                1
## 21806        7     19.6     20.1            1                0
## 21807        7     20.7     22.4            0                0
## 21808        6     21.0     21.6            0                1
## 21809        7     18.4     19.3            1                0
## 21810        7     18.1     18.6            0                0
## 21811        4     20.1     19.0            0                0
## 21812        2     17.7     19.7            0                0
## 21813        1     19.6     19.9            0                0
## 21814        7     18.0     19.7            0                0
## 21815        7     18.2     19.6            0                0
## 21816        7     19.6     20.8            0                0
## 21817        6     19.7     20.2            0                1
## 21818        2     18.8     20.7            1                0
## 21819        2     19.7     21.0            0                0
## 21820        7     19.1     19.8            0                0
## 21821        7     18.0     19.6            0                0
## 21822        7     20.2     19.4            0                0
## 21823        5     19.9     20.5            0                0
## 21824        6     21.0     21.3            0                0
## 21825        7     20.7     20.2            0                0
## 21826        5     20.3     20.7            0                0
## 21827        6     20.5     21.4            0                0
## 21828        4     20.6     20.3            0                0
## 21829        6     20.2     21.1            0                0
## 21830        3     20.4     24.1            0                0
## 21831        3     21.6     24.2            0                0
## 21832        7     23.3     23.2            0                0
## 21833        7     22.6     23.7            0                1
## 21834        8     22.2     21.8            1                1
## 21835        7     22.5     24.1            1                0
## 21836        7     23.1     25.1            0                0
## 21837        7     23.9     25.0            0                0
## 21838        7     23.7     24.8            0                0
## 21839        6     23.2     24.3            0                0
## 21840        7     24.1     24.7            0                1
## 21841        3     23.7     25.7            1                0
## 21842        4     23.3     24.3            0                0
## 21843        7     24.5     24.3            0                0
## 21844        7     23.6     23.1            0                0
## 21845        7     23.6     24.5            0                0
## 21846        6     24.7     26.8            0                0
## 21847        7     25.1     26.1            0                0
## 21848        7     25.2     26.1            0                0
## 21849        7     23.4     23.6            0                1
```

```
## 21850       6     23.7    24.6         1              0
## 21851       6     24.3    25.3         0              0
## 21852       6     24.5    24.8         0              0
## 21853       6     23.6    25.5         0              0
## 21854       8     23.6    22.4         0              1
## 21855       3     24.5    26.3         1              0
## 21856       3     24.5    25.2         0              0
## 21857       5     23.6    24.9         0              0
## 21858       6     24.0    24.9         0              0
## 21859       5     23.7    24.6         0              0
## 21860       2     23.4    23.6         0              0
## 21861       2     23.1    23.9         0              0
## 21862       2     22.2    23.9         0              0
## 21863       4     22.8    24.6         0              0
## 21864       8     22.4    22.6         0              1
## 21865       8     23.8    22.6         1              1
## 21866       8     24.2    23.9         1              1
## 21867       6     23.5    24.6         1              0
## 21868       4     22.5    24.0         0              0
## 21869       3     22.3    23.5         0              0
## 21870       8     21.1    21.3         0              1
## 21871       8     20.2    19.4         1              1
## 21872       3     21.6    23.4         1              0
## 21873       7     21.4    22.6         0              0
## 21874       5     20.6    22.7         0              0
## 21875       7     22.2    22.4         0              0
## 21876       8     22.3    21.7         0              1
## 21877       6     21.6    23.1         1              0
## 21878       3     21.9    23.4         0              0
## 21879       5     21.9    22.6         0              0
## 21880       8     20.7    22.5         0              0
## 21881       6     22.6    23.2         0              0
## 21882       6     23.5    23.4         0              0
## 21883       7     23.6    23.8         0              0
## 21884       6     23.9    25.1         0              0
## 21885       3     24.2    24.8         0              0
## 21886       3     24.1    24.2         0              0
## 21887       2     23.3    25.3         0              0
## 21888       7     23.1    24.4         0              0
## 21889       8     20.7    21.4         0              1
## 21890       7     21.1    22.7         1              1
## 21891       3     22.3    24.0         1              1
## 21892       7     23.2    24.5         1              0
## 21893       5     24.2    24.5         0              0
## 21894       4     23.9    24.5         0              0
## 21895       4     23.0    24.2         0              0
## 21896       6     24.2    25.6         0              0
## 21897       7     25.4    25.0         0              1
## 21898       7     25.1    27.0         1              1
## 21899       6     25.2    25.2         1              0
## 21900       4     23.8    25.2         0              0
## 21901       3     24.2    25.0         0              0
## 21903       6     23.5    23.9         0              1
## 21904       7     22.3    23.1         1              0
```

```
## 21905        3     20.4     23.4             0                 0
## 21906        4     22.5     23.8             0                 0
## 21907        4     22.7     23.6             0                 0
## 21908        5     24.0     24.7             0                 0
## 21909        2     24.9     26.3             0                 0
## 21910        5     25.2     26.1             0                 0
## 21911        3     25.3     27.6             0                 1
## 21912        6     24.5     27.0             1                 0
## 21913        7     25.4     22.8             0                 1
## 21914        8     19.5     21.2             1                 0
## 21915        4     21.1     21.6             0                 0
## 21916        6     20.9     22.7             0                 1
## 21917        6     21.4     21.5             1                 1
## 21918        3     22.0     24.2             1                 0
## 21919        2     22.9     24.7             0                 0
## 21920        3     22.5     24.0             0                 0
## 21921        5     23.0     23.8             0                 0
## 21922        8     22.3     22.0             0                 1
## 21923        6     23.0     23.4             1                 0
## 21924        7     22.9     22.1             0                 1
## 21925        6     22.0     23.7             1                 1
## 21926        3     23.2     24.0             1                 0
## 21927        7     23.0     22.7             0                 1
## 21928        8     20.9     21.1             1                 1
## 21930        7     23.2     25.7             1                 1
## 21931        7     24.2     25.7             1                 1
## 21932        4     25.0     26.7             1                 0
## 21933        4     24.5     25.9             0                 0
## 21934        7     24.9     24.4             0                 0
## 21935        7     24.4     24.9             0                 0
## 21936        6     22.4     21.0             0                 0
## 21939        2     21.5     22.8             0                 1
## 21940        5     19.1     21.6             1                 0
## 21941        4     21.9     20.9             0                 0
## 21942        5     21.9     22.1             0                 0
## 21943        4     18.9     21.2             0                 1
## 21944        6     17.8     19.8             1                 1
## 21945        3     19.1     18.8             1                 1
## 21946        7     19.2     18.7             1                 1
## 21947        2     19.5     20.8             1                 0
## 21948        7     20.2     20.3             0                 1
## 21949        7     20.6     20.8             1                 1
## 21950        6     20.7     21.7             1                 0
## 21951        2     21.3     22.1             0                 1
## 21952        1     20.5     21.6             1                 1
## 21953        1     18.3     21.2             1                 1
## 21954        6     18.8     20.3             1                 1
## 21955        6     18.2     19.0             1                 0
## 21956        1     18.9     20.1             0                 1
## 21957        5     16.6     18.9             1                 0
## 21958        6     17.9     19.3             0                 0
## 21959        2     17.9     18.0             0                 1
## 21960        7     18.8     19.2             1                 0
## 21961        4     19.4     19.6             0                 1
```

```
## 21962          7     19.7      19.6           1              0
## 21965          6     19.8      20.9           1              0
## 21966          2     19.8      20.5           0              1
## 21967          2     18.7      18.7           1              0
## 21968          6     19.0      19.6           0              0
## 21969          6     17.9      19.7           0              0
## 21970          8     19.0      19.5           0              1
## 21971          8     20.2      20.7           1              1
## 21972          1     21.1      21.8           1              1
## 21973          3     20.4      21.0           1              0
## 21974          1     20.2      21.1           0              0
## 21975          3     18.5      20.3           0              1
## 21976          6     17.9      20.0           1              1
## 21977          1     17.6      19.8           1              0
## 21978          7     19.0      19.7           0              0
## 21979          7     19.8      20.0           0              1
## 21980          5     19.6      20.9           1              0
## 21981          7     19.6      19.3           0              0
## 21982          8     18.0      18.3           0              1
## 21983          8     18.0      17.9           1              1
## 21984          8     19.2      19.8           1              0
## 21985          8     19.6      19.0           0              1
## 21986          7     19.1      19.7           1              1
## 21987          2     19.6      19.9           1              1
## 21988          4     19.7      20.0           1              1
## 21989          2     17.2      19.5           1              1
## 21990          4     17.7      16.7           1              0
## 21992          7     18.0      17.6           0              1
## 21993          1     17.7      18.1           1              0
## 21994          1     18.5      18.8           0              0
## 21995          4     16.7      17.4           0              0
## 21996          2     17.5      17.3           0              0
## 21997          3     16.8      17.4           0              0
## 21998          2     17.5      17.9           0              0
## 21999          2     15.1      16.8           0              1
## 22000          6     16.3      14.3           1              1
## 22001          1     16.0      17.2           1              0
## 22002          5     17.1      18.1           0              1
## 22003          2     17.1      18.1           1              1
## 22004          2     17.9      17.9           1              0
## 22005          3     16.4      18.3           0              1
## 22006          1     18.0      19.4           1              0
## 22007          2     18.5      19.8           0              0
## 22008          1     16.7      17.0           0              0
## 22009          3     16.2      17.5           0              0
## 22010          1     16.0      18.6           0              1
## 22011          1     17.6      19.1           1              0
## 22012          2     15.4      16.7           0              0
## 22013          3     15.4      17.7           0              1
## 22014          1     18.2      19.4           1              0
## 22015          6     13.5      16.0           0              0
## 22016          6     14.6      14.7           0              0
## 22017          6     15.8      16.8           0              0
## 22018          2     16.1      17.3           0              1
```

```
## 22019        8    17.9    18.2         1            1
## 22020        4    18.4    19.3         1            1
## 22021        7    16.1    16.6         1            1
## 22022        6    16.8    17.7         1            0
## 22023        4    16.8    17.4         0            1
## 22024        3    15.7    14.8         1            0
## 22025        4    15.8    16.2         0            1
## 22026        3    15.4    16.2         1            0
## 22027        4    16.8    18.3         0            0
## 22028        7    16.8    17.8         0            1
## 22029        7    15.7    18.2         1            1
## 22030        3    16.7    18.0         1            0
## 22031        1    16.2    16.8         0            0
## 22032        7    16.7    13.2         0            1
## 22033        4    16.7    14.2         1            0
## 22034        5    15.4    15.7         0            1
## 22035        2    15.7    16.8         1            0
## 22036        1    15.8    16.9         0            0
## 22037        3    16.9    17.5         0            0
## 22038        4    18.1    17.3         0            0
## 22039        7    17.5    17.9         0            1
## 22040        8    16.1    16.8         1            1
## 22041        4    18.3    19.1         1            0
## 22042        1    17.8    19.4         0            0
## 22043        8    18.2    18.1         0            1
## 22044        5    16.6    17.0         1            1
## 22045        2    15.4    16.0         1            0
## 22046        7    14.0    15.4         0            0
## 22047        2    13.8    16.3         0            0
## 22048        7    14.4    12.3         0            1
## 22049        3    12.4    15.4         1            0
## 22050        7    16.0    15.9         0            1
## 22051        8    15.9    14.5         1            1
## 22052        7    16.1    17.1         1            1
## 22053        8    16.5    16.3         1            1
## 22055        8    17.5    17.6         1            1
## 22056        8    17.8    18.9         1            1
## 22057        5    17.6    18.7         1            0
## 22058        3    17.7    18.3         0            0
## 22059        7    16.4    17.0         0            1
## 22060        7    18.6    18.9         1            1
## 22061        1    17.9    18.7         1            0
## 22062        7    17.5    17.3         0            1
## 22063        7    16.2    16.3         1            0
## 22064        2    16.9    18.1         0            1
## 22065        7    14.9    15.1         1            1
## 22067        1    16.2    17.1         0            1
## 22068        4    17.2    18.4         1            0
## 22069        3    18.2    18.5         0            0
## 22070        6    18.1    17.4         0            1
## 22071        3    17.3    18.5         1            0
## 22072        7    17.3    18.9         0            1
## 22073        3    17.3    18.3         1            1
## 22074        5    17.7    15.3         1            1
```

```
## 22075     2    14.8    16.6         1              0
## 22076     1    16.3    17.5         0              0
## 22077     4    17.6    17.9         0              1
## 22078     7    17.8    17.7         1              1
## 22079     1    16.7    18.3         1              0
## 22080     4    18.1    19.3         0              0
## 22081     1    18.4    20.0         0              0
## 22082     3    16.1    16.1         0              0
## 22083     2    15.9    18.1         0              0
## 22084     1    16.6    18.2         0              0
## 22085     1    17.4    17.1         0              0
## 22086     5    17.0    17.2         0              0
## 22087     1    17.1    17.8         0              0
## 22088     5    17.8    17.3         0              0
## 22089     7    18.0    18.1         0              1
## 22090     6    18.6    18.0         1              1
## 22091     7    16.8    17.9         1              0
## 22092     2    17.4    19.7         0              0
## 22093     7    18.8    19.4         0              0
## 22094     7    19.0    19.5         0              1
## 22095     3    18.9    19.2         1              0
## 22096     2    16.1    18.5         0              1
## 22097     2    17.6    18.1         1              0
## 22098     1    17.6    18.3         0              0
## 22099     7    17.7    17.7         0              0
## 22100     1    17.9    18.7         0              0
## 22101     7    18.6    18.4         0              1
## 22103     1    18.6    20.6         0              0
## 22104     3    18.8    19.9         0              0
## 22105     1    18.9    18.8         0              0
## 22106     5    18.4    19.6         0              0
## 22107     2    19.1    19.3         0              0
## 22108     7    20.1    20.3         0              1
## 22109     7    20.1    19.8         1              0
## 22110     4    17.3    17.9         0              0
## 22111     5    17.8    18.4         0              0
## 22112     7    17.0    18.3         0              0
## 22113     3    18.3    19.9         0              0
## 22114     5    19.6    20.5         0              0
## 22115     7    17.9    18.4         0              0
## 22116     8    17.3    18.0         0              0
## 22117     2    18.7    19.6         0              0
## 22118     1    18.6    19.9         0              0
## 22119     7    18.8    19.9         0              0
## 22120     7    20.3    19.8         0              1
## 22121     7    19.3    19.7         1              0
## 22122     7    19.6    19.4         0              0
## 22123     8    18.5    19.1         0              1
## 22124     6    19.0    20.2         1              1
## 22125     4    19.3    20.1         1              0
## 22126     1    19.1    20.3         0              1
## 22127     5    16.4    19.9         1              1
## 22128     1    18.2    18.7         1              0
## 22129     3    18.2    19.1         0              0
```

```
## 22131          3      19.2      20.1             0                   0
## 22132          1      20.1      20.0             0                   0
## 22133          6      20.1      20.5             0                   0
## 22134          6      20.1      21.1             0                   0
## 22135          7      18.8      20.0             0                   0
## 22136          1      18.0      20.3             0                   0
## 22137          2      18.8      20.1             0                   0
## 22138          2      19.4      20.2             0                   0
## 22139          1      19.6      20.3             0                   0
## 22140          3      20.5      22.4             0                   0
## 22141          7      20.8      21.5             0                   1
## 22142          5      19.4      20.3             1                   0
## 22143          5      20.0      19.5             0                   0
## 22144          1      22.0      23.1             0                   0
## 22145          5      22.3      21.7             0                   0
## 22146          1      22.2      22.6             0                   0
## 22147          5      22.6      24.0             0                   0
## 22148          8      22.5      19.1             0                   0
## 22149          5      20.6      21.9             0                   0
## 22150          7      20.2      21.1             0                   0
## 22151          7      21.6      22.6             0                   1
## 22152          6      22.4      22.8             1                   0
## 22153          7      22.0      22.9             0                   0
## 22154          3      22.3      23.8             0                   0
## 22155          6      23.2      22.9             0                   0
## 22156          7      22.1      22.7             0                   1
## 22157          2      20.9      24.1             1                   1
## 22158          8      20.3      20.2             1                   0
## 22159          8      20.6      19.6             0                   0
## 22160          4      21.2      21.1             0                   0
## 22161          4      22.2      23.4             0                   0
## 22162          8      21.6      20.1             0                   1
## 22164          7      22.8      23.5             0                   0
## 22165          7      23.0      23.1             0                   0
## 22166          8      22.2      23.0             0                   1
## 22167          8      22.4      22.3             1                   1
## 22168          5      21.5      22.9             1                   0
## 22169          8      20.3      20.8             0                   0
## 22170          2      21.1      22.0             0                   0
## 22171          2      20.4      20.8             0                   0
## 22172          3      20.7      20.9             0                   0
## 22173          7      20.6      21.4             0                   0
## 22174          4      21.5      22.7             0                   0
## 22175          3      22.9      23.7             0                   1
## 22176          7      21.6      22.6             1                   0
## 22177          8      21.4      20.8             0                   0
## 22178          8      21.2      20.7             0                   1
## 22181          7      21.7      23.1             1                   1
## 22182          4      21.7      23.0             1                   1
## 22183          3      21.0      22.9             1                   0
## 22184          5      22.3      22.4             0                   0
## 22185          3      20.8      22.3             0                   1
## 22186          7      19.0      19.5             1                   0
## 22187          1      20.6      22.0             0                   0
```

```
## 22188          7     20.6   22.5            0                0
## 22189          8     22.2   21.8            0                0
## 22190          5     20.2   22.0            0                0
## 22191          4     21.2   22.6            0                1
## 22192          2     21.5   22.2            1                0
## 22193          1     20.8   21.3            0                0
## 22194          4     21.4   22.5            0                0
## 22195          6     22.6   24.1            0                0
## 22196          8     22.8   22.9            0                0
## 22197          7     21.9   22.2            0                0
## 22198          3     21.7   22.9            0                0
## 22199          8     21.7   22.0            0                1
## 22200          8     20.9   21.4            1                1
## 22201          8     22.0   21.5            1                1
## 22202          7     22.1   23.2            1                0
## 22203          6     22.7   23.4            0                0
## 22204          4     22.9   23.8            0                0
## 22205          6     22.9   23.9            0                0
## 22206          4     22.7   24.6            0                0
## 22207          5     23.2   23.5            0                1
## 22208          4     21.2   22.3            1                0
## 22209          6     22.1   22.9            0                0
## 22210          8     21.5   22.1            0                1
## 22211          3     23.6   24.2            1                1
## 22212          7     22.3   19.7            1                1
## 22213          3     21.7   22.7            1                0
## 22214          6     22.7   22.8            0                0
## 22215          1     23.6   24.2            0                0
## 22216          4     23.0   23.8            0                0
## 22217          1     22.2   24.2            0                0
## 22218          7     21.8   22.0            0                1
## 22219          8     22.9   23.1            1                1
## 22220          8     22.8   23.2            1                1
## 22221          8     22.3   21.8            1                1
## 22223          6     22.9   23.2            1                0
## 22224          4     22.4   24.1            0                0
## 22228          5     23.6   23.8            0                0
## 22229          5     23.5   24.8            0                0
## 22230          7     23.4   23.9            0                0
## 22231          7     23.9   23.3            0                0
## 22232          6     23.2   24.5            0                1
## 22233          7     21.1   24.2            1                1
## 22234          4     23.6   24.2            1                0
## 22235          7     23.7   24.6            0                0
## 22236          2     24.3   25.3            0                0
## 22237          7     24.4   26.1            0                1
## 22238          7     24.6   24.1            1                1
## 22239          6     23.0   24.4            1                0
## 22240          2     22.5   23.8            0                0
## 22241          2     22.4   23.5            0                0
## 22242          2     22.3   23.6            0                0
## 22243          2     21.2   23.0            0                0
## 22244          6     23.2   23.9            0                0
## 22245          6     23.4   24.3            0                0
```

```
## 22246          6     24.6    25.7          0              1
## 22247          7     21.1    21.8          1              0
## 22248          4     20.4    21.6          0              0
## 22249          4     22.4    22.8          0              0
## 22250          4     21.3    23.9          0              0
## 22251          2     21.7    22.4          0              0
## 22252          3     21.9    23.3          0              0
## 22253          7     22.5    24.3          0              0
## 22254          6     22.9    24.1          0              1
## 22255          4     22.8    24.6          1              0
## 22256          7     21.6    22.0          0              0
## 22257          7     20.8    21.2          0              0
## 22258          7     21.0    22.1          0              0
## 22259          7     22.3    22.4          0              1
## 22260          6     23.0    23.3          1              1
## 22261          7     21.9    23.6          1              1
## 22262          7     22.4    23.0          1              1
## 22263          7     22.2    22.7          1              0
## 22264          7     19.5    21.1          0              0
## 22265          6     21.6    22.3          0              0
## 22266          1     22.8    25.1          0              0
## 22267          7     23.1    24.0          0              1
## 22268          6     23.9    25.0          1              0
## 22269          6     22.1    22.3          0              0
## 22270          3     20.4    21.1          0              0
## 22271          1     21.2    22.1          0              0
## 22272          7     21.0    20.7          0              1
## 22273          8     19.4    19.9          1              1
## 22274          7     22.9    22.8          1              0
## 22275          7     21.6    22.0          0              1
## 22276          7     21.6    21.8          1              1
## 22277          7     21.6    22.2          1              0
## 22278          7     21.0    22.0          0              1
## 22279          5     20.2    22.2          1              1
## 22280          4     20.8    22.7          1              1
## 22281          7     20.8    21.4          1              1
## 22282          7     20.6    21.4          1              0
## 22283          3     20.1    21.6          0              0
## 22284          5     20.0    21.6          0              0
## 22285          7     21.9    22.2          0              1
## 22286          3     20.9    22.0          1              0
## 22287          6     18.5    20.0          0              0
## 22288          6     20.0    20.8          0              0
## 22289          3     19.9    21.1          0              0
## 22290          2     18.3    20.9          0              0
## 22291          2     20.0    21.6          0              1
## 22292          6     20.2    20.8          1              0
## 22293          5     20.9    21.7          0              0
## 22294          3     20.9    21.7          0              0
## 22295          7     20.8    21.3          0              1
## 22296          5     20.0    21.1          1              1
## 22297          3     21.6    21.9          1              1
## 22298          1     20.4    21.8          1              1
## 22299          6     21.3    22.2          1              0
```

```
## 22300      8    21.4    20.6         0           0
## 22301      7    21.6    22.7         0           1
## 22302      7    21.6    22.0         1           0
## 22303      5    21.0    21.1         0           0
## 22304      7    20.1    21.1         0           1
## 22305      8    21.3    17.9         1           1
## 22306      6    19.2    19.2         1           0
## 22307      6    18.2    19.0         0           0
## 22308      6    20.0    19.1         0           1
## 22309      7    18.8    19.7         1           1
## 22310      7    19.0    21.1         1           0
## 22311      8    20.6    19.1         0           1
## 22312      4    21.6    22.0         1           1
## 22313      2    20.4    21.0         1           0
## 22314      2    19.8    20.9         0           1
## 22315      3    19.1    19.7         1           0
## 22317      3    19.9    20.3         1           0
## 22318      1    19.4    20.4         0           1
## 22319      3    20.5    20.8         1           1
## 22320      2    18.5    19.6         1           1
## 22321      4    18.1    20.2         1           0
## 22322      6    17.8    18.0         0           1
## 22323      2    15.2    17.8         1           1
## 22324      4    16.6    17.5         1           0
## 22325      3    17.2    19.0         0           0
## 22326      6    18.4    15.4         0           1
## 22327      3    18.7    19.4         1           0
## 22328      3    18.2    19.2         0           1
## 22329      1    15.8    18.7         1           0
## 22330      5    17.3    18.6         0           0
## 22331      7    18.7    18.6         0           0
## 22332      8    20.5    20.0         0           1
## 22333      7    19.9    19.8         1           1
## 22334      1    17.6    18.3         1           0
## 22335      3    17.2    16.9         0           0
## 22336      6    17.3    17.8         0           0
## 22337      3    17.3    18.4         0           0
## 22338      5    17.4    18.1         0           0
## 22339      2    18.0    19.4         0           0
## 22340      8    19.1    19.1         0           1
## 22341      0    20.8    21.4         1           1
## 22342      5    19.5    18.3         1           1
## 22343      6    15.9    16.6         1           1
## 22344      4    14.8    17.0         1           1
## 22345      1    16.7    18.3         1           0
## 22346      1    16.8    18.0         0           0
## 22347      8    16.4    17.1         0           1
## 22348      7    16.9    17.2         1           1
## 22349      8    18.9    18.9         1           1
## 22350      8    17.5    16.8         1           1
## 22351      1    17.0    17.6         1           0
## 22352      1    16.8    18.0         0           0
## 22353      7    17.5    17.8         0           0
## 22354      1    19.3    19.8         0           0
```

```
## 22355          1    17.7   18.7          0             0
## 22356          7    18.2   16.0          0             1
## 22357          4    17.7   18.8          1             0
## 22358          1    18.0   18.0          0             0
## 22359          7    17.2   18.2          0             0
## 22360          7    18.7   18.5          0             1
## 22361          3    16.9   17.7          1             0
## 22363          2    16.3   16.9          0             0
## 22364          8    15.9   16.3          0             1
## 22365          8    15.4   16.7          1             1
## 22368          5    16.5   18.2          0             1
## 22369          6    17.5   17.7          1             0
## 22370          2    18.2   18.8          0             1
## 22371          3    17.6   18.3          1             0
## 22372          2    16.8   17.2          0             1
## 22373          1    15.7   16.1          1             0
## 22374          3    15.9   16.7          0             0
## 22375          1    14.1   16.6          0             0
## 22376          1    12.8   16.7          0             0
## 22377          7    16.5   16.7          0             0
## 22378          7    16.2   15.9          0             1
## 22379          5    17.8   18.9          1             0
## 22380          7    18.2   18.1          0             1
## 22381          8    18.1   18.1          1             1
## 22382          7    15.2   16.0          1             0
## 22383          1    15.3   16.8          0             0
## 22384          7    16.7   16.0          0             1
## 22385          4    14.7   17.8          1             1
## 22386          7    16.4   17.3          1             1
## 22387          7    18.3   18.8          1             1
## 22388          4    17.2   19.0          1             1
## 22391          4    16.1   16.3          1             1
## 22392          6    15.8   16.7          1             0
## 22393          7    16.3   15.9          0             0
## 22394          8    17.3   16.7          0             1
## 22395          4    16.6   18.0          1             1
## 22396          2    16.8   17.4          1             1
## 22399          2    16.0   16.7          0             0
## 22400          2    16.9   17.5          0             0
## 22401          5    15.3   17.5          0             0
## 22402          3    16.3   17.6          0             1
## 22403          1    16.5   18.4          1             1
## 22404          1    17.4   17.2          1             0
## 22405          2    16.6   17.7          0             1
## 22406          7    13.2   16.4          1             0
## 22407          6    16.7   18.5          0             1
## 22408          4    14.9   18.1          1             1
## 22409          3    17.9   18.7          1             0
## 22410          7    17.3   16.4          0             0
## 22411          1    15.5   17.3          0             0
## 22412          3    15.5   17.2          0             0
## 22413          4    17.2   17.5          0             1
## 22414          2    17.3   18.8          1             0
## 22415          1    17.6   19.0          0             0
```

```
## 22416      5   18.4   19.5        0              0
## 22417      8   16.9   17.3        0              0
## 22418      2   16.2   17.9        0              0
## 22419      2   16.2   16.9        0              1
## 22420      2   16.1   17.1        1              0
## 22421      7   16.7   17.4        0              0
## 22422      3   16.4   17.6        0              0
## 22423      6   18.2   16.8        0              1
## 22424      7   17.7   17.5        1              1
## 22425      8   16.1   16.3        1              1
## 22426      2   15.6   16.5        1              0
## 22427      3   15.6   17.1        0              0
## 22428      1   16.6   18.1        0              0
## 22429      7   16.6   16.7        0              1
## 22430      6   15.9   18.1        1              1
## 22431      3   15.6   17.1        1              0
## 22432      2   15.5   16.7        0              0
## 22433      3   16.7   17.0        0              0
## 22435      7   17.2   17.8        0              0
## 22436      7   19.0   18.8        0              1
## 22437      2   17.8   18.7        1              0
## 22438      1   17.5   18.1        0              0
## 22439      8   16.7   16.9        0              0
## 22440      7   16.0   15.9        0              0
## 22441      4   15.4   16.1        0              0
## 22442      1   15.6   18.4        0              1
## 22443      1   16.9   18.1        1              0
## 22444      1   16.5   18.1        0              0
## 22445      7   16.0   15.6        0              0
## 22446      8   16.1   15.5        0              0
## 22447      4   16.3   16.9        0              0
## 22448      4   16.4   17.3        0              0
## 22449      3   18.2   19.0        0              0
## 22450      8   17.6   15.8        0              1
## 22451      6   19.0   19.2        1              1
## 22452      6   17.9   18.1        1              1
## 22453      7   17.6   18.4        1              0
## 22454      7   17.9   17.6        0              0
## 22455      7   16.4   16.7        0              1
## 22456      7   14.3   17.2        1              0
## 22457      2   16.9   17.9        0              0
## 22458      6   16.7   18.3        0              1
## 22459      7   16.8   17.8        1              1
## 22460      5   16.9   15.2        1              1
## 22461      5   16.8   18.0        1              0
## 22462      5   17.8   18.4        0              0
## 22463      1   18.6   18.9        0              0
## 22464      5   18.4   18.9        0              0
## 22465      1   18.9   19.8        0              0
## 22466      5   19.3   20.3        0              1
## 22467      7   19.7   20.4        1              0
## 22468      2   20.4   21.0        0              0
## 22469      2   17.5   18.7        0              0
## 22470      7   19.8   19.6        0              1
```

```
## 22471      1    19.4    19.9         1              0
## 22472      3    18.3    18.9         0              0
## 22473      6    17.1    17.1         0              0
## 22474      4    16.1    17.1         0              0
## 22475      2    17.1    17.2         0              0
## 22476      0    18.1    19.4         0              0
## 22477      3    18.0    18.1         0              0
## 22478      5    16.9    18.5         0              0
## 22479      1    18.8    20.6         0              0
## 22480      1    19.7    20.7         0              0
## 22481      6    20.4    20.9         0              1
## 22483      8    17.9    17.2         1              0
## 22484      5    17.1    18.1         0              0
## 22485      3    17.7    19.8         0              0
## 22486      7    20.0    17.8         0              0
## 22487      3    17.6    18.1         0              1
## 22488      7    17.1    17.4         1              0
## 22489      3    17.7    18.7         0              0
## 22490      4    17.4    19.1         0              1
## 22491      4    19.2    20.9         1              1
## 22492      7    20.0    19.4         1              0
## 22493      5    17.8    18.6         0              0
## 22494      8    17.9    17.9         0              0
## 22495      6    17.7    16.5         0              1
## 22496      3    16.4    18.0         1              1
## 22497      2    18.0    18.6         1              0
## 22498      2    18.9    18.8         0              0
## 22501      5    13.9    19.3         1              0
## 22502      3    18.3    18.8         0              0
## 22504      1    19.6    20.4         0              0
## 22505      6    19.8    21.2         0              0
## 22507      3    21.7    21.4         0              1
## 22508      7    20.3    21.0         1              1
## 22510      7    20.3    21.4         0              0
## 22511      7    20.0    19.5         0              0
## 22512      5    18.8    19.9         0              0
## 22513      3    18.2    20.6         0              0
## 22514      7    19.2    19.8         0              0
## 22515      2    19.9    20.2         0              0
## 22516      6    19.4    20.8         0              0
## 22517      1    20.5    21.2         0              0
## 22518      7    22.1    20.9         0              0
## 22519      4    21.5    21.9         0              0
## 22520      7    22.9    22.3         0              0
## 22521      2    23.2    23.9         0              0
## 22522      3    24.2    24.3         0              1
## 22523      6    21.3    20.8         1              0
## 22524      3    21.0    22.1         0              0
## 22525      7    20.2    21.4         0              0
## 22526      7    21.6    22.1         0              0
## 22527      5    21.1    22.7         0              0
## 22528      6    22.1    23.7         0              0
## 22529      1    23.3    24.7         0              0
## 22530      4    23.3    23.4         0              0
```

```
## 22531      1    22.9    23.2        0              0
## 22532      1    22.0    24.0        0              0
## 22533      7    22.8    24.7        0              1
## 22534      5    22.0    23.3        1              0
## 22535      1    20.9    22.3        0              0
## 22536      1    21.0    22.6        0              0
## 22537      2    21.4    23.1        0              0
## 22538      3    22.8    23.9        0              0
## 22539      1    22.3    23.6        0              0
## 22540      7    23.5    23.4        0              1
## 22541      7    22.8    23.7        1              1
## 22542      6    23.6    24.8        1              0
## 22543      6    23.7    24.4        0              0
## 22544      7    22.6    24.2        0              0
## 22545      3    22.8    24.4        0              0
## 22546      5    22.0    24.0        0              1
## 22547      6    22.5    23.0        1              0
## 22548      7    22.7    23.2        0              0
## 22549      5    23.2    24.6        0              0
## 22550      3    22.5    23.9        0              0
## 22551      5    22.4    22.8        0              0
## 22552      2    22.2    23.9        0              0
## 22553      7    22.2    21.8        0              0
## 22554      7    21.5    22.8        0              0
## 22555      3    21.4    23.1        0              0
## 22556      3    22.0    23.4        0              0
## 22557      3    22.2    23.7        0              0
## 22558      6    21.6    22.7        0              0
## 22559      4    22.7    23.0        0              0
## 22560      3    22.4    23.1        0              0
## 22561      7    21.5    23.4        0              0
## 22562      7    20.8    22.4        0              1
## 22563      7    21.0    23.3        1              1
## 22564      8    22.2    22.7        1              0
## 22565      7    22.9    24.0        0              0
## 22566      2    23.6    24.7        0              0
## 22567      7    23.5    24.0        0              0
## 22568      2    23.5    24.9        0              0
## 22569      4    21.0    23.3        0              0
## 22570      7    21.1    21.3        0              0
## 22571      6    21.8    22.1        0              0
## 22572      1    22.9    23.8        0              1
## 22573      6    20.0    23.3        1              1
## 22574      5    22.8    23.7        1              0
## 22575      6    22.1    22.7        0              0
## 22576      6    20.5    23.5        0              0
## 22577      4    21.6    22.8        0              1
## 22578      7    17.5    21.7        1              1
## 22579      5    20.2    23.0        1              1
## 22580      5    20.7    22.5        1              1
## 22581      5    22.5    22.0        1              0
## 22583      4    22.2    24.0        0              1
## 22584      7    23.0    20.8        1              1
## 22585      3    21.5    22.6        1              1
```

```
## 22586          6     19.2     21.6          1              0
## 22587          5     20.2     20.6          0              0
## 22588          7     19.3     20.4          0              0
## 22589          6     19.6     21.2          0              0
## 22590          3     20.2     20.7          0              0
## 22591          2     21.1     21.6          0              1
## 22592          7     19.7     20.0          1              0
## 22593          5     21.3     22.7          0              0
## 22594          8     21.0     20.3          0              1
## 22595          8     18.4     22.7          1              1
## 22596          7     21.4     22.0          1              0
## 22597          4     21.5     22.6          0              0
## 22598          7     20.7     21.5          0              0
## 22600          2     21.7     22.8          0              0
## 22601          3     21.9     22.6          0              0
## 22602          6     21.7     21.4          0              1
## 22603          3     21.2     21.9          1              0
## 22604          1     20.3     22.5          0              0
## 22605          4     21.5     21.8          0              0
## 22606          4     22.0     22.3          0              0
## 22607          3     20.5     20.8          0              0
## 22608          3     20.8     21.5          0              0
## 22609          5     20.7     21.0          0              0
## 22610          4     20.6     21.3          0              0
## 22611          5     21.1     20.9          0              0
## 22612          1     20.5     21.0          0              0
## 22613          1     20.4     20.8          0              0
## 22614          5     20.7     19.8          0              1
## 22615          4     18.2     19.8          1              0
## 22616          4     18.6     20.0          0              0
## 22617          5     19.1     19.1          0              0
## 22618          5     19.4     18.6          0              0
## 22619          3     18.4     19.9          0              0
## 22620          2     18.5     20.0          0              0
## 22621          7     18.8     20.3          0              1
## 22622          3     18.6     19.4          1              0
## 22623          7     18.9     18.0          0              1
## 22624          6     16.9     18.4          1              1
## 22625          5     18.8     20.3          1              0
## 22626          7     19.6     20.1          0              0
## 22627          6     19.5     20.8          0              1
## 22628          8     20.8     18.2          1              1
## 22629          4     20.5     20.7          1              0
## 22630          5     20.0     20.1          0              1
## 22631          4     18.9     19.5          1              1
## 22632          3     14.4     19.7          1              1
## 22633          6     19.5     19.3          1              0
## 22635          8     18.6     20.2          0              1
## 22636          8     18.8     17.4          1              1
## 22637          5     19.9     19.2          1              1
## 22638          3     18.1     18.9          1              0
## 22639          2     17.3     17.9          0              0
## 22640          4     17.0     17.7          0              0
## 22641          7     16.5     17.2          0              1
```

```
## 22642          5    17.0    17.4        1            0
## 22644          1    17.9    18.6        0            0
## 22645          8    19.0    18.7        0            1
## 22646          7    17.6    14.9        1            1
## 22647          5    15.2    17.5        1            1
## 22648          6    16.9    17.9        1            0
## 22649          7    14.7    17.4        0            0
## 22650          7    16.9    17.2        0            0
## 22651          8    17.4    17.2        0            0
## 22652          3    16.0    17.5        0            0
## 22653          6    16.5    16.4        0            0
## 22654          1    16.6    18.3        0            0
## 22655          4    17.1    18.4        0            0
## 22656          7    18.2    19.4        0            0
## 22657          7    19.4    19.6        0            1
## 22658          2    18.9    19.9        1            1
## 22659          7    16.7    18.7        1            0
## 22660          7    15.6    18.7        0            1
## 22661          4    17.7    19.1        1            0
## 22662          3    16.9    16.7        0            0
## 22663          7    16.2    16.3        0            0
## 22664          6    15.8    16.4        0            1
## 22665          7    13.9    15.3        1            0
## 22666          2    15.3    16.6        0            0
## 22667          8    16.2    17.2        0            1
## 22669          4    15.4    17.4        1            0
## 22670          5    15.9    17.0        0            0
## 22671          1    16.3    16.8        0            0
## 22672          2    16.9    18.1        0            0
## 22673          5    17.5    18.7        0            0
## 22674          8    18.3    19.0        0            1
## 22676          7    17.7    17.0        0            0
## 22677          7    16.4    16.7        0            0
## 22678          1    17.5    19.1        0            0
## 22679          7    17.6    18.0        0            1
## 22680          2    17.3    18.0        1            0
## 22681          1    16.0    16.7        0            1
## 22682          3    12.7    16.0        1            0
## 22683          5    14.8    15.2        0            0
## 22684          3    12.5    14.7        0            1
## 22685          1    14.2    15.5        1            1
## 22686          1    13.4    16.0        1            0
## 22687          5    15.4    15.3        0            0
## 22688          7    14.3    15.0        0            1
## 22689          7    15.0    16.4        1            0
## 22690          7    15.7    16.7        0            1
## 22691          3    17.8    18.5        1            0
## 22692          5    17.6    18.6        0            0
## 22693          1    17.6    18.6        0            0
## 22694          7    16.5    18.0        0            0
## 22695          6    16.8    17.0        0            0
## 22696          8    17.0    15.8        0            1
## 22697          6    15.8    16.8        1            0
## 22698          5    16.5    16.7        0            0
```

```
## 22699          1     16.4     17.5            0                 0
## 22700          7     16.2     15.4            0                 0
## 22701          4     16.1     16.7            0                 1
## 22702          8     16.6     16.3            1                 1
## 22703          6     16.8     17.6            1                 1
## 22704          7     18.2     17.8            1                 1
## 22705          7     17.5     17.9            1                 1
## 22706          5     17.5     18.2            1                 0
## 22707          1     17.1     18.0            0                 0
## 22708          1     17.4     19.8            0                 0
## 22709          2     16.9     19.1            0                 0
## 22710          2     18.0     18.5            0                 0
## 22711          7     16.9     15.9            0                 1
## 22712          7     17.7     16.5            1                 1
## 22713          6     16.7     17.4            1                 0
## 22714          1     17.2     18.6            0                 0
## 22715          3     17.2     18.3            0                 0
## 22716          6     17.7     18.7            0                 0
## 22717          1     17.0     18.2            0                 0
## 22718          5     16.5     19.3            0                 1
## 22719          1     17.6     17.6            1                 0
## 22720          2     16.2     17.3            0                 0
## 22721          1     17.1     18.2            0                 0
## 22722          5     17.1     17.1            0                 0
## 22723          7     16.7     18.4            0                 1
## 22724          1     17.4     18.4            1                 0
## 22725          1     16.9     17.7            0                 0
## 22726          3     17.3     18.0            0                 0
## 22727          4     18.1     18.3            0                 1
## 22728          3     16.7     17.0            1                 0
## 22729          5     17.3     17.0            0                 0
## 22730          2     16.9     17.7            0                 0
## 22731          7     17.1     17.5            0                 0
## 22732          3     17.2     17.3            0                 0
## 22733          2     13.0     16.4            0                 0
## 22734          2     15.2     17.0            0                 0
## 22735          7     16.2     16.7            0                 1
## 22736          7     12.2     15.8            1                 1
## 22737          7     14.3     13.8            1                 1
## 22738          3     16.1     16.1            1                 0
## 22739          4     15.3     14.7            0                 1
## 22740          6     16.0     16.3            1                 0
## 22741          2     16.6     16.4            0                 0
## 22742          5     16.4     17.9            0                 0
## 22743          3     17.6     19.1            0                 0
## 22744          3     18.3     19.1            0                 0
## 22745          7     18.9     20.1            0                 0
## 22747          7     19.3     19.1            1                 1
## 22748          7     16.8     16.7            1                 0
## 22749          3     17.2     18.4            0                 1
## 22750          1     17.0     17.9            1                 1
## 22751          7     16.9     17.8            1                 0
## 22752          7     18.4     18.1            0                 0
## 22753          6     19.2     19.7            0                 0
```

```
## 22754     7    20.0    20.5          0              1
## 22755     7    17.0    18.3          1              0
## 22756     1    17.9    19.4          0              0
## 22757     8    17.8    17.1          0              1
## 22758     3    16.7    17.7          1              0
## 22759     8    18.1    18.8          0              0
## 22760     3    19.9    20.6          0              0
## 22761     2    19.8    21.2          0              0
## 22762     8    19.5    18.2          0              0
## 22763     7    19.6    20.8          0              1
## 22764     1    18.5    19.5          1              0
## 22765     1    17.7    18.0          0              0
## 22766     7    18.0    18.7          0              0
## 22767     1    18.0    19.0          0              0
## 22776     1    19.4    19.4          0              0
## 22777     4    18.5    18.7          0              0
## 22778     4    20.3    21.2          0              1
## 22779     3    17.3    17.7          1              0
## 22780     1    17.2    18.1          0              0
## 22781     4    18.7    18.6          0              0
## 22782     1    18.5    19.6          0              0
## 22783     2    19.3    18.9          0              0
## 22784     1    18.9    18.6          0              0
## 22785     1    18.4    19.1          0              0
## 22786     1    19.0    19.3          0              0
## 22787     1    19.6    19.4          0              0
## 22788     3    19.5    20.8          0              0
## 22789     4    20.8    21.7          0              0
## 22790     7    19.1    19.9          0              0
## 22791     7    18.7    19.1          0              0
## 22792     2    18.8    19.0          0              0
## 22793     6    19.3    18.2          0              0
## 22794     7    19.5    19.9          0              1
## 22795     4    17.7    20.9          1              0
## 22796     1    19.4    19.9          0              1
## 22797     2    18.1    19.4          1              1
## 22798     3    16.8    18.6          1              0
## 22799     2    18.1    19.4          0              1
## 22800     3    17.2    19.2          1              1
## 22801     2    18.2    19.4          1              0
## 22802     3    18.1    20.3          0              0
## 22804     1    19.0    19.7          0              0
## 22805     6    18.3    19.5          0              0
## 22806     7    18.6    19.7          0              0
## 22807     3    19.7    20.7          0              0
## 22808     6    19.2    20.1          0              0
## 22809     1    20.4    20.0          0              0
## 22810     6    20.3    19.9          0              0
## 22811     7    19.5    20.5          0              1
## 22812     7    21.2    21.9          1              0
## 22813     7    22.3    21.5          0              1
## 22814     8    19.7    19.3          1              1
## 22815     4    19.7    23.6          1              1
## 22816     4    21.5    21.9          1              1
```

```
## 22817        7    19.3    21.1        1           1
## 22818        7    20.0    20.6        1           1
## 22819        7    19.4    22.5        1           1
## 22820        7    22.3    22.2        1           0
## 22821        3    21.9    23.7        0           1
## 22822        2    21.0    21.2        1           1
## 22823        3    20.7    21.0        1           0
## 22824        2    21.0    21.9        0           0
## 22825        7    22.2    22.7        0           0
## 22831        2    22.4    23.8        0           0
## 22832        1    20.6    21.9        0           0
## 22833        3    20.1    21.6        0           0
## 22834        1    20.3    21.7        0           0
## 22835        3    21.6    20.8        0           0
## 22836        5    21.3    22.1        0           0
## 22837        4    21.3    21.9        0           0
## 22838        7    20.5    21.0        0           0
## 22839        7    21.5    21.4        0           0
## 22840        5    21.5    21.9        0           0
## 22841        5    22.0    22.5        0           0
## 22842        4    20.8    22.4        0           0
## 22843        6    22.0    21.7        0           0
## 22844        7    21.7    20.0        0           0
## 22845        1    21.5    21.9        0           0
## 22846        2    20.6    22.3        0           0
## 22848        7    20.6    21.9        0           0
## 22849        1    20.7    21.7        0           0
## 22850        1    21.2    23.2        0           0
## 22851        7    20.4    22.1        0           0
## 22852        7    22.6    21.7        0           1
## 22853        8    22.4    21.1        1           1
## 22854        2    21.6    22.7        1           0
## 22855        2    21.8    22.4        0           0
## 22856        7    22.5    23.4        0           0
## 22857        7    22.9    24.4        0           0
## 22858        5    22.6    23.5        0           0
## 22859        4    23.0    25.3        0           0
## 22860        1    23.8    25.1        0           0
## 22861        2    24.2    25.7        0           0
## 22862        3    24.7    26.2        0           0
## 22863        2    23.6    26.2        0           0
## 22864        3    22.9    23.4        0           0
## 22865        2    22.0    22.5        0           0
## 22866        5    20.0    22.0        0           0
## 22867        6    22.0    21.9        0           0
## 22868        3    22.5    23.0        0           0
## 22869        3    22.2    23.7        0           0
## 22870        2    21.1    22.8        0           0
## 22871        5    21.4    22.9        0           0
## 22872        2    21.9    23.1        0           0
## 22873        5    21.4    22.3        0           0
## 22874        7    22.1    23.7        0           1
## 22875        8    20.9    22.0        1           1
## 22876        7    21.0    21.7        1           0
```

```
## 22877      5     22.5    23.4          0              0
## 22878      7     23.7    24.9          0              0
## 22879      6     23.2    23.8          0              0
## 22880      7     20.7    22.1          0              0
## 22881      3     23.3    24.8          0              0
## 22882      7     25.9    22.6          0              1
## 22883      7     19.5    19.9          1              0
## 22884      4     19.4    21.4          0              0
## 22885      6     22.3    22.4          0              0
## 22886      6     21.7    21.3          0              0
## 22887      7     19.9    21.6          0              1
## 22888      5     21.5    21.7          1              0
## 22889      3     22.4    23.4          0              0
## 22890      7     22.6    22.5          0              1
## 22891      8     20.4    21.3          1              1
## 22893      7     20.6    21.2          1              1
## 22894      8     20.7    22.0          1              0
## 22895      2     21.9    23.3          0              0
## 22896      7     20.3    22.8          0              0
## 22897      7     20.6    20.9          0              0
## 22898      7     22.1    23.3          0              0
## 22899      1     21.3    22.4          0              0
## 22900      3     21.4    22.8          0              0
## 22901      7     21.0    22.0          0              0
## 22902      6     22.1    22.2          0              0
## 22903      5     22.5    23.1          0              0
## 22904      5     22.5    23.1          0              0
## 22905      7     22.1    22.8          0              0
## 22906      6     22.9    24.2          0              1
## 22907      7     22.6    23.9          1              1
## 22908      7     22.7    23.3          1              1
## 22909      5     22.9    23.7          1              1
## 22910      8     23.2    21.7          1              0
## 22911      5     22.6    22.6          0              0
## 22912      7     21.6    22.3          0              0
## 22913      3     21.9    22.5          0              0
## 22914      3     21.9    22.9          0              0
## 22915      7     20.9    23.4          0              0
## 22916      2     22.1    22.9          0              0
## 22917      7     21.8    20.2          0              0
## 22918      3     20.6    22.1          0              0
## 22919      4     20.7    21.3          0              0
## 22920      7     18.4    21.2          0              1
## 22921      4     19.0    21.9          1              1
## 22922      7     19.7    21.2          1              0
## 22923      5     21.6    23.2          0              0
##  [ reached 'max' / getOption("max.print") -- omitted 50865 rows ]
```

```r
rain <- as.data.frame(lapply(rain, as.numeric))
print(summary(rain))
```

```
##     MinTemp          MaxTemp          Rainfall        Evaporation
##  Min.   :-6.70   Min.   : 4.10   Min.   : 0.00   Min.   : 0.000
##  1st Qu.: 8.60   1st Qu.:18.70   1st Qu.: 0.00   1st Qu.: 2.800
##  Median :13.20   Median :23.90   Median : 0.00   Median : 5.000
```

```
##   Mean   :13.46    Mean   :24.22    Mean   :  2.13    Mean   : 5.503
##   3rd Qu.:18.40    3rd Qu.:29.70    3rd Qu.:  0.60    3rd Qu.: 7.400
##   Max.   :31.40    Max.   :48.10    Max.   :206.20    Max.   :81.200
##      Sunshine        WindGustSpeed     WindSpeed9am      WindSpeed3pm
##   Min.   : 0.000    Min.   :  9.00    Min.   : 2.00     Min.   : 2.00
##   1st Qu.: 5.000    1st Qu.: 31.00    1st Qu.: 9.00     1st Qu.:13.00
##   Median : 8.600    Median : 39.00    Median :15.00     Median :19.00
##   Mean   : 7.736    Mean   : 40.88    Mean   :15.67     Mean   :19.79
##   3rd Qu.:10.700    3rd Qu.: 48.00    3rd Qu.:20.00     3rd Qu.:26.00
##   Max.   :14.500    Max.   :124.00    Max.   :67.00     Max.   :76.00
##    Humidity9am       Humidity3pm      Pressure9am       Pressure3pm
##   Min.   :  0.00    Min.   :  0.0    Min.   : 980.5    Min.   : 977.1
##   1st Qu.: 55.00    1st Qu.: 35.0    1st Qu.:1012.7    1st Qu.:1010.1
##   Median : 67.00    Median : 50.0    Median :1017.2    Median :1014.7
##   Mean   : 65.87    Mean   : 49.6    Mean   :1017.2    Mean   :1014.8
##   3rd Qu.: 79.00    3rd Qu.: 63.0    3rd Qu.:1021.8    3rd Qu.:1019.4
##   Max.   :100.00    Max.   :100.0    Max.   :1040.4    Max.   :1038.9
##     Cloud9am          Cloud3pm         Temp9am           Temp3pm
##   Min.   :0.000     Min.   :0.000    Min.   :-0.7      Min.   : 3.70
##   1st Qu.:1.000     1st Qu.:2.000    1st Qu.:13.1      1st Qu.:17.40
##   Median :5.000     Median :5.000    Median :17.8      Median :22.40
##   Mean   :4.242     Mean   :4.327    Mean   :18.2      Mean   :22.71
##   3rd Qu.:7.000     3rd Qu.:7.000    3rd Qu.:23.3      3rd Qu.:27.90
##   Max.   :8.000     Max.   :9.000    Max.   :39.4      Max.   :46.10
##     RainToday        RainTomorrow
##   Min.   :0.0000    Min.   :0.0000
##   1st Qu.:0.0000    1st Qu.:0.0000
##   Median :0.0000    Median :0.0000
##   Mean   :0.2209    Mean   :0.2203
##   3rd Qu.:0.0000    3rd Qu.:0.0000
##   Max.   :1.0000    Max.   :1.0000
```
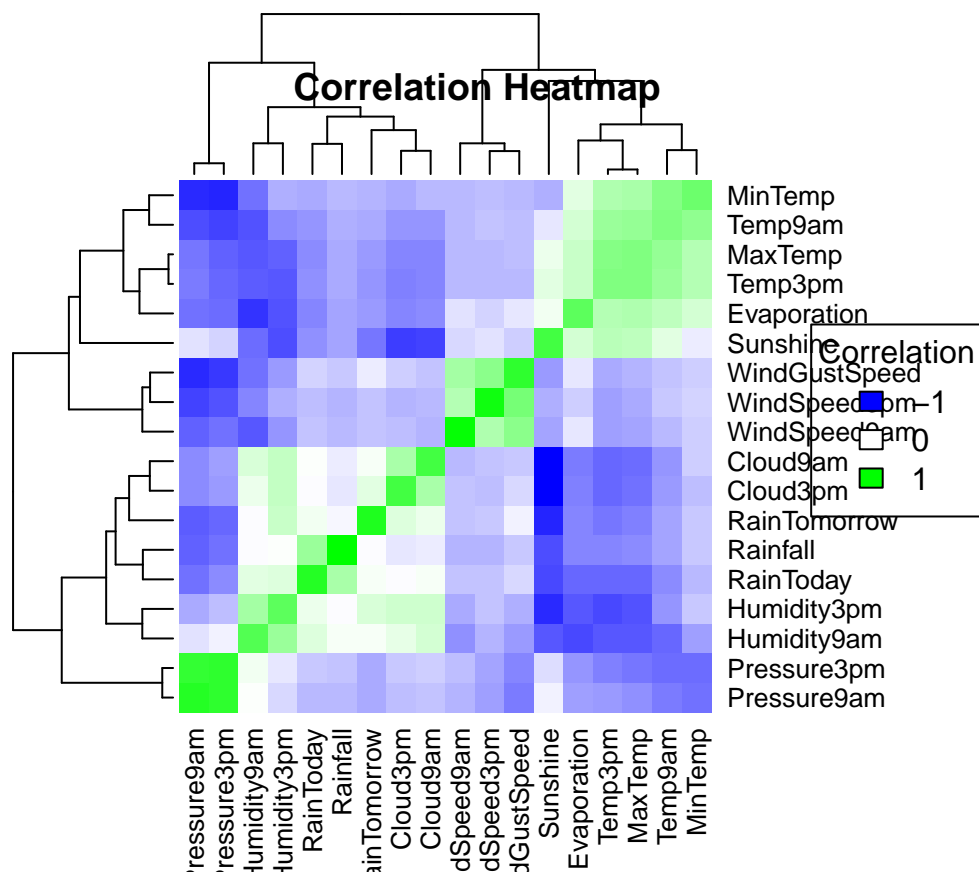
Correlation

```r
# Build a Correlation Matrix
cor_matrix <- cor(rain)

# Create a heatmap from the correlation matrix with blue, white, and green color scheme
heatmap(cor_matrix, col = colorRampPalette(c("blue", "white", "green"))(100))

# Add a color legend
legend_colors <- c("blue", "white", "green")
legend("right", legend = c(-1, 0, 1), fill = legend_colors, title = "Correlation")

# Add a main title
title(main = "Correlation Heatmap")
```
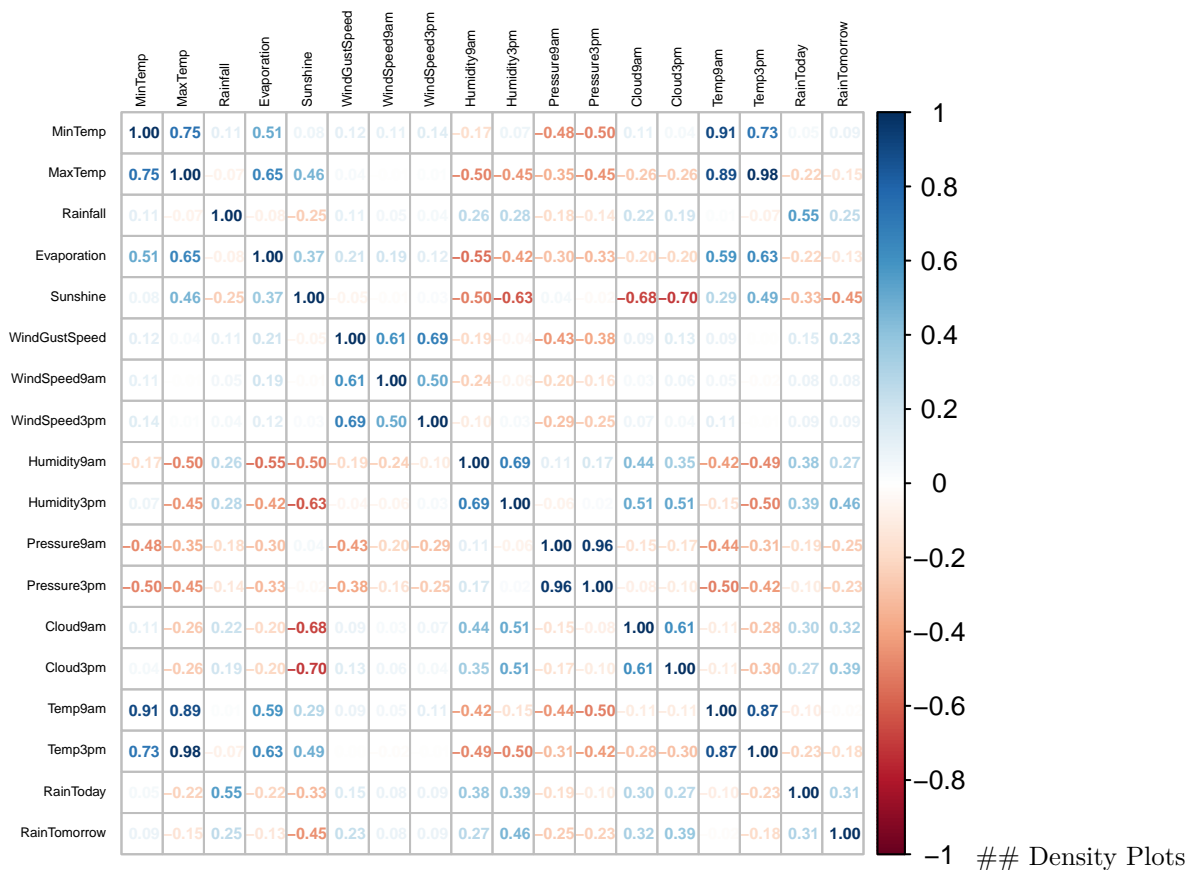
Correlation Heatmap

```
corrplot <- corrplot(cor(rain[,-19]),
            method = "number",
            diag = TRUE,
            tl.cex = 0.4,
            number.cex = 0.5,
            tl.col = "black")
```

	MinTemp	MaxTemp	Rainfall	Evaporation	Sunshine	WindGustSpeed	WindSpeed9am	WindSpeed3pm	Humidity9am	Humidity3pm	Pressure9am	Pressure3pm	Cloud9am	Cloud3pm	Temp9am	Temp3pm	RainToday	RainTomorrow
MinTemp	1.00	0.75	0.11	0.51	0.08	0.12	0.11	0.14	-0.17	0.07	-0.48	-0.50	0.11	0.04	0.91	0.73		0.09
MaxTemp	0.75	1.00	-0.07	0.65	0.46	0.04			-0.50	-0.45	-0.35	-0.45	-0.26	-0.26	0.89	0.98	-0.22	-0.15
Rainfall	0.11	-0.07	1.00	-0.06	-0.25	0.11	0.05	0.04	0.26	0.28	-0.18	-0.14	0.22	0.19		-0.07	0.55	0.25
Evaporation	0.51	0.65		1.00	0.37	0.21	0.19	0.12	-0.55	-0.42	-0.30	-0.33	-0.20	-0.20	0.59	0.63	-0.22	-0.13
Sunshine	0.08	0.46	-0.25	0.37	1.00				-0.50	-0.63	0.04		-0.68	-0.70	0.29	0.49	-0.33	-0.45
WindGustSpeed	0.12		0.11	0.21		1.00	0.61	0.69	-0.19		-0.43	-0.38	0.09	0.13	0.09		0.15	0.23
WindSpeed9am	0.11		0.05	0.19		0.61	1.00	0.50	-0.24		-0.20	-0.16	0.03	0.05			0.08	0.08
WindSpeed3pm	0.14			0.12		0.69	0.50	1.00	-0.10	0.03	-0.29	-0.25	0.07	0.04	0.11		0.09	0.09
Humidity9am	-0.17	-0.50	0.26	-0.55	-0.50	-0.19	-0.24	-0.10	1.00	0.69	0.11	0.17	0.44	0.35	-0.42	-0.49	0.38	0.27
Humidity3pm	0.07	-0.45	0.28	-0.42	-0.63				0.69	1.00			0.51	0.51	-0.15	-0.50	0.39	0.46
Pressure9am	-0.48	-0.35	-0.18	-0.30	0.04	-0.43	-0.20	-0.29	0.11		1.00	0.96	-0.15	-0.17	-0.44	-0.31	-0.19	-0.25
Pressure3pm	-0.50	-0.45	-0.14	-0.33		-0.38	-0.16	-0.25	0.17		0.96	1.00		-0.10	-0.50	-0.42	-0.10	-0.23
Cloud9am	0.11	-0.26	0.22	-0.20	-0.68	0.09	0.03	0.07	0.44	0.51	-0.15		1.00	0.61	-0.11	-0.28	0.30	0.32
Cloud3pm	0.04	-0.26	0.19	-0.20	-0.70	0.13	0.06	0.04	0.35	0.51	-0.17	-0.10	0.61	1.00	-0.11	-0.30	0.27	0.39
Temp9am	0.91	0.89		0.59	0.29	0.09	0.05	0.11	-0.42	-0.15	-0.44	-0.50			1.00	0.87	-0.10	
Temp3pm	0.73	0.98	-0.07	0.63	0.49				-0.49	-0.50	-0.31	-0.42	-0.28	-0.30	0.87	1.00	-0.23	-0.18
RainToday		-0.22	0.55	-0.22	-0.33	0.15	0.08	0.09	0.38	0.39	-0.19	-0.10	0.30	0.27	-0.10	-0.23	1.00	0.31
RainTomorrow	0.09	-0.15	0.25	-0.13	-0.45	0.23	0.08	0.09	0.27	0.46	-0.25	-0.23	0.32	0.39		-0.18	0.31	1.00

Density Plots

```r
## Find features with highest correlation with target variable (RainTomorrow)

correlations <- cor_matrix['RainTomorrow',]
highly_correlated_columns <- correlations[abs(correlations) > 0.3 & correlations != 1]
column_names <- names(highly_correlated_columns)
print(column_names)
```

```
## [1] "Sunshine"    "Humidity3pm" "Cloud9am"    "Cloud3pm"    "RainToday"
```
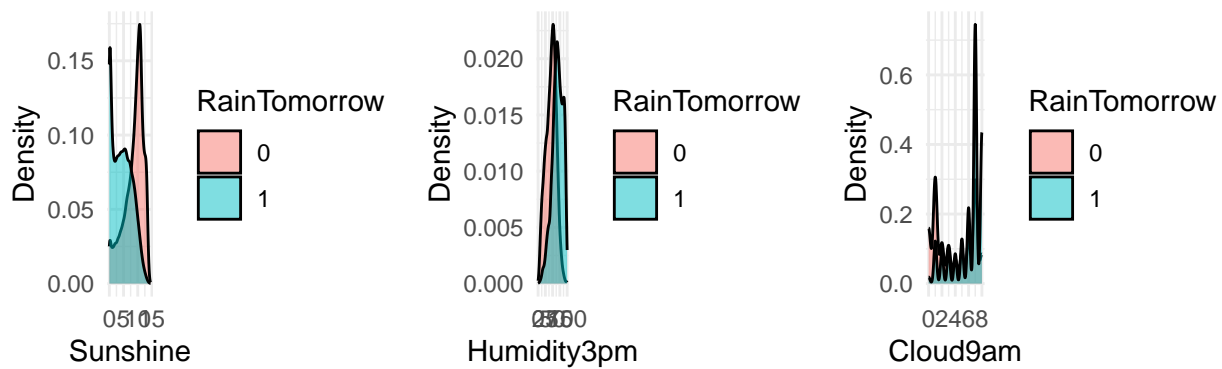
```r
rain_subset <- rain[,c(column_names)]

# We are trying to visualize relationship between Target Variable, RainTomorrow with the features havin


plot_list <- list()

for (col in column_names) {
  density_plot <- rain%>% ggplot(aes(x = .data[[col]] , fill = factor(RainTomorrow))) +
    geom_density(alpha = 0.5) +
    labs(x = col, y = "Density", fill = "RainTomorrow") +
    ggtitle(paste("Density Plot of ", col, "by Raintomorrow")) +
    theme_minimal() +
    theme(plot.title = element_text(hjust = 0.5))
  plot_list <- append(plot_list, list(density_plot))
}

grid.arrange(grobs = plot_list, nrow = 2, ncol = 3)
```
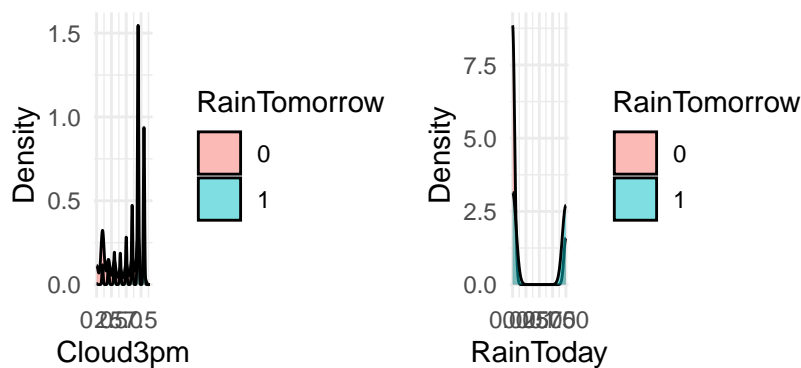
Density
0.15
0.10
0.05
0.00

RainTomorrow
0
1

Sunshine
05105

Density
0.020
0.015
0.010
0.005
0.000

RainTomorrow
0
1

Humidity3pm
02560

Density
0.6
0.4
0.2
0.0

RainTomorrow
0
1

Cloud9am
02468

Density
1.5
1.0
0.5
0.0

RainTomorrow
0
1

Cloud3pm
02570.5

Density
7.5
5.0
2.5
0.0

RainTomorrow
0
1

RainToday
0004576000

```
# Sunshine: fraction of total days having higher sunshine record more 0 RainTomorrow, lower sunshine, m
# Humidity3pm: overlap more but still higher humidity associated with 1 RainTomorrow and vice versa
#Cloud9am/Cloud3pm: oscillates a bit across x-axis with higher discrepancies between RainTomorrow value
#RainToday: Since RainToday is a binary variable, the density plots are concentrated around 0 and 1. Wh
```

Feature Scaling and Balancing

Feature Selection (Backward and Forward using BIC)

Splitting Data into Train and Test

Models

Plots and Analysis