

Marketing Analytics Project

Harry Chang

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```
library(readxl)
library(dplyr)
```

```
##
## Attaching package: 'dplyr'

## The following objects are masked from 'package:stats':
##
##   filter, lag

## The following objects are masked from 'package:base':
##
##   intersect, setdiff, setequal, union
```

```
library(ggplot2)
library(tidyr)
```

```
#setwd([exact file path redacted])
```

```
data_1 = read_excel("data_1.xlsx")
data_2 = read_excel("data_2.xlsx")
```

```
# Merge the datasets
merged_data <- merge(data_1, data_2, by = c("product", "date"))
merged_data
```

	product	date	purchases	sales	views	category	leadtime
## 1	1.001496e+19	2020-08-11	0	0	9	B	0
## 2	1.007131e+19	2020-08-15	0	0	3	A	13
## 3	1.009407e+19	2020-08-15	0	0	30	C	0
## 4	1.018505e+19	2020-08-14	0	0	1	A	0
## 5	1.033200e+19	2020-08-12	0	0	1	E	0
## 6	1.037374e+19	2020-08-10	0	0	3	A	45
## 7	1.042241e+19	2020-08-14	0	0	8	A	15
## 8	1.043119e+19	2020-08-10	0	0	2	E	0
## 9	1.043279e+19	2020-08-12	0	0	3	D	0
## 10	1.050126e+19	2020-08-11	0	0	10	A	44
## 11	1.050848e+19	2020-08-15	0	0	5	D	0
## 12	1.064012e+19	2020-08-20	0	0	11	C	7
## 13	1.065184e+19	2020-08-14	0	0	1	E	0

## 14	1.065448e+19	2020-08-18	0	0	8	A	37
## 15	1.067274e+19	2020-08-12	0	0	2	D	0
## 16	1.072191e+19	2020-08-15	0	0	8	C	0
## 17	1.074350e+19	2020-08-14	0	0	15	A	13
## 18	1.074716e+19	2020-08-11	0	0	8	C	42
## 19	1.089763e+19	2020-08-14	0	0	1	D	0
## 20	1.108085e+19	2020-08-17	0	0	4	A	11
## 21	1.108878e+19	2020-08-10	0	0	49	B	81
## 22	1.118525e+19	2020-08-19	0	0	7	F	0
## 23	1.122460e+19	2020-08-15	0	0	2	A	0
## 24	1.125120e+19	2020-08-11	0	0	6	G	160
## 25	1.126054e+19	2020-08-20	1	1699	17	A	0
## 26	1.129345e+19	2020-08-15	0	0	1	B	0
## 27	1.131919e+19	2020-08-16	0	0	3	A	54
## 28	1.136773e+19	2020-08-19	0	0	1	A	9
## 29	1.140792e+19	2020-08-18	0	0	12	A	0
## 30	1.146044e+19	2020-08-17	0	0	2	A	10
## 31	1.147944e+19	2020-08-17	0	0	3	A	0
## 32	1.152645e+19	2020-08-15	0	0	1	D	0
## 33	1.157444e+19	2020-08-19	0	0	4	A	141
## 34	1.163561e+19	2020-08-13	0	0	6	A	141
## 35	1.163699e+19	2020-08-12	0	0	17	A	15
## 36	1.167079e+19	2020-08-18	0	0	6	A	0
## 37	1.168062e+19	2020-08-12	0	0	4	C	81
## 38	1.180276e+19	2020-08-12	0	0	3	A	15
## 39	1.183167e+19	2020-08-10	0	0	53	F	17
## 40	1.183467e+19	2020-08-19	0	0	45	A	0
## 41	1.184630e+19	2020-08-13	0	0	1	A	15
## 42	1.186865e+19	2020-08-16	0	0	26	A	12
## 43	1.188752e+19	2020-08-16	0	0	5	B	0
## 44	1.192222e+19	2020-08-11	0	0	8	C	42
## 45	1.192781e+19	2020-08-12	0	0	2	F	0
## 46	1.193522e+19	2020-08-20	0	0	1	A	7
## 47	1.201885e+19	2020-08-19	0	0	1	D	30
## 48	1.203017e+19	2020-08-15	0	0	20	A	65
## 49	1.204003e+19	2020-08-16	0	0	4	B	55
## 50	1.204814e+19	2020-08-16	0	0	1	A	0
## 51	1.206880e+19	2020-08-18	1	599	22	B	0
## 52	1.208259e+19	2020-08-14	0	0	46	A	41
## 53	1.210138e+19	2020-08-17	0	0	13	A	0
## 54	1.211708e+19	2020-08-19	0	0	1	B	32
## 55	1.214690e+19	2020-08-14	0	0	3	C	62
## 56	1.216011e+19	2020-08-16	0	0	3	A	54
## 57	1.233652e+19	2020-08-14	0	0	31	B	37
## 58	1.234798e+19	2020-08-20	1	149	2	B	0
## 59	1.235754e+19	2020-08-14	0	0	27	F	37
## 60	1.239653e+19	2020-08-17	0	0	1	A	38
## 61	1.243682e+19	2020-08-10	0	0	10	C	0
## 62	1.250547e+19	2020-08-13	0	0	3	A	0
## 63	1.252077e+19	2020-08-18	0	0	2	D	71
## 64	1.254919e+19	2020-08-18	0	0	43	B	0
## 65	1.259651e+19	2020-08-16	0	0	2	A	130
## 66	1.266993e+19	2020-08-16	0	0	2	A	0
## 67	1.269503e+19	2020-08-11	0	0	1	D	99

## 68	1.279337e+19	2020-08-14	0	0	89	C	0
## 69	1.279565e+19	2020-08-20	0	0	4	B	69
## 70	1.281333e+19	2020-08-11	0	0	3	A	109
## 71	1.282363e+19	2020-08-12	0	0	12	C	0
## 72	1.292501e+18	2020-08-11	0	0	1	A	90
## 73	1.296793e+19	2020-08-12	0	0	1	A	0
## 74	1.300346e+19	2020-08-19	0	0	4	A	36
## 75	1.312213e+19	2020-08-12	0	0	9	F	84
## 76	1.316945e+19	2020-08-11	0	0	14	B	40
## 77	1.317058e+19	2020-08-17	0	0	7	A	32
## 78	1.325441e+19	2020-08-12	0	0	1	A	108
## 79	1.344085e+19	2020-08-19	0	0	28	A	0
## 80	1.347750e+19	2020-08-17	0	0	6	D	0
## 81	1.348651e+19	2020-08-13	0	0	6	C	124
## 82	1.350887e+19	2020-08-13	0	0	1	A	0
## 83	1.351190e+19	2020-08-14	0	0	3	D	65
## 84	1.355119e+19	2020-08-14	0	0	3	G	37
## 85	1.357385e+19	2020-08-11	0	0	1	A	90
## 86	1.369969e+19	2020-08-17	0	0	5	C	10
## 87	1.371079e+19	2020-08-16	0	0	1	A	30
## 88	1.377121e+19	2020-08-19	1	169	4	B	32
## 89	1.381495e+19	2020-08-10	0	0	15	F	86
## 90	1.388232e+19	2020-08-11	0	0	3	A	18
## 91	1.389672e+19	2020-08-11	0	0	1	D	42
## 92	1.393479e+19	2020-08-18	0	0	3	G	71
## 93	1.404919e+19	2020-08-13	0	0	1	A	0
## 94	1.405332e+19	2020-08-15	0	0	38	<NA>	129
## 95	1.417043e+19	2020-08-13	0	0	10	F	14
## 96	1.418931e+19	2020-08-19	0	0	4	B	70
## 97	1.420919e+19	2020-08-10	1	249	7	D	41
## 98	1.421679e+19	2020-08-12	0	0	2	A	87
## 99	1.426715e+19	2020-08-13	0	0	3	A	42
## 100	1.431126e+19	2020-08-17	0	0	24	F	103
## 101	1.435548e+19	2020-08-16	0	0	12	A	54
## 102	1.435767e+19	2020-08-15	0	0	1	A	12
## 103	1.449765e+19	2020-08-11	0	0	53	C	208
## 104	1.464662e+19	2020-08-18	0	0	9	F	0
## 105	1.479523e+19	2020-08-20	0	0	3	C	7
## 106	1.484235e+19	2020-08-15	0	0	4	F	0
## 107	1.491418e+19	2020-08-12	0	0	1	A	0
## 108	1.495264e+19	2020-08-16	0	0	21	A	39
## 109	1.496373e+19	2020-08-17	0	0	6	C	120
## 110	1.497005e+19	2020-08-14	0	0	80	A	0
## 111	1.500946e+19	2020-08-17	0	0	6	A	38
## 112	1.503663e+19	2020-08-18	0	0	3	F	81
## 113	1.505711e+19	2020-08-13	0	0	1	A	0
## 114	1.509436e+19	2020-08-10	0	0	1	D	0
## 115	1.516850e+19	2020-08-14	0	0	8	A	0
## 116	1.517497e+19	2020-08-14	0	0	6	A	0
## 117	1.523909e+19	2020-08-17	0	0	5	A	0
## 118	1.526688e+18	2020-08-18	0	0	14	<NA>	0
## 119	1.533906e+19	2020-08-12	0	0	2	A	43
## 120	1.534786e+19	2020-08-18	0	0	4	A	141
## 121	1.549408e+19	2020-08-11	0	0	7	C	40

## 122	1.549572e+19	2020-08-18	0	0	7	A	0
## 123	1.550091e+19	2020-08-14	0	0	10	A	0
## 124	1.551890e+19	2020-08-20	0	0	5	C	69
## 125	1.552926e+19	2020-08-20	0	0	1	A	50
## 126	1.557873e+19	2020-08-16	0	0	2	D	0
## 127	1.577063e+19	2020-08-18	0	0	1	A	37
## 128	1.586302e+19	2020-08-20	0	0	9	A	0
## 129	1.588718e+19	2020-08-17	0	0	2	A	53
## 130	1.589532e+19	2020-08-17	0	0	79	C	208
## 131	1.591672e+19	2020-08-12	0	0	3	C	0
## 132	1.600647e+19	2020-08-19	0	0	10	A	0
## 133	1.603321e+19	2020-08-12	0	0	11	A	0
## 134	1.607473e+19	2020-08-18	0	0	2	D	31
## 135	1.608307e+19	2020-08-19	0	0	12	A	30
## 136	1.610829e+19	2020-08-13	0	0	17	C	58
## 137	1.613725e+19	2020-08-17	0	0	9	C	62
## 138	1.614084e+19	2020-08-13	0	0	2	D	0
## 139	1.616808e+19	2020-08-18	0	0	2	A	0
## 140	1.628041e+19	2020-08-17	0	0	1	A	0
## 141	1.628622e+19	2020-08-18	0	0	2	A	71
## 142	1.632645e+19	2020-08-19	0	0	4	A	100
## 143	1.647584e+19	2020-08-10	0	0	12	F	110
## 144	1.652978e+19	2020-08-15	0	0	46	A	0
## 145	1.668063e+19	2020-08-16	0	0	10	A	0
## 146	1.680589e+19	2020-08-10	0	0	23	A	17
## 147	1.681808e+19	2020-08-16	0	0	1	A	0
## 148	1.694520e+19	2020-08-16	0	0	6	A	39
## 149	1.701602e+19	2020-08-10	0	0	12	C	81
## 150	1.703879e+19	2020-08-19	0	0	2	A	0
## 151	1.706127e+19	2020-08-12	0	0	2	A	0
## 152	1.712232e+19	2020-08-12	0	0	4	B	59
## 153	1.712314e+19	2020-08-20	0	0	2	<NA>	0
## 154	1.714544e+19	2020-08-14	0	0	6	A	106
## 155	1.716121e+19	2020-08-12	0	0	4	A	0
## 156	1.719180e+19	2020-08-15	0	0	1	F	0
## 157	1.724413e+19	2020-08-17	0	0	4	D	83
## 158	1.727012e+19	2020-08-15	0	0	1	A	0
## 159	1.727758e+19	2020-08-13	0	0	5	A	107
## 160	1.729523e+19	2020-08-19	0	0	5	A	0
## 161	1.732256e+19	2020-08-15	0	0	7	B	74
## 162	1.734212e+19	2020-08-18	0	0	8	A	31
## 163	1.734961e+19	2020-08-18	0	0	22	C	33
## 164	1.736917e+19	2020-08-11	1	399	32	B	0
## 165	1.737240e+19	2020-08-12	0	0	2	F	17
## 166	1.750503e+19	2020-08-13	0	0	1	A	0
## 167	1.755093e+19	2020-08-16	0	0	4	A	0
## 168	1.758254e+19	2020-08-17	0	0	5	G	154
## 169	1.758472e+18	2020-08-18	0	0	22	D	0
## 170	1.758835e+19	2020-08-20	0	0	15	G	69
## 171	1.766062e+19	2020-08-17	0	0	2	E	91
## 172	1.771047e+19	2020-08-17	0	0	2	A	0
## 173	1.775916e+19	2020-08-11	0	0	9	A	0
## 174	1.779837e+19	2020-08-12	0	0	6	G	0
## 175	1.780126e+19	2020-08-19	0	0	19	A	9

## 176	1.785774e+19	2020-08-20	0	0	1	D	0
## 177	1.803955e+19	2020-08-10	0	0	28	A	0
## 178	1.804984e+19	2020-08-13	0	0	6	A	86
## 179	1.810688e+19	2020-08-12	0	0	25	C	0
## 180	1.813907e+19	2020-08-19	0	0	4	<NA>	0
## 181	1.814952e+19	2020-08-14	0	0	4	A	13
## 182	1.817920e+19	2020-08-18	0	0	3	A	31
## 183	1.818516e+19	2020-08-16	0	0	3	A	39
## 184	1.825441e+19	2020-08-19	0	0	17	C	0
## 185	1.831259e+19	2020-08-15	0	0	7	F	81
## 186	1.832940e+19	2020-08-10	0	0	31	A	45
## 187	1.833019e+19	2020-08-10	0	0	39	G	41
## 188	1.839781e+19	2020-08-20	0	0	2	D	80
## 189	1.001081e+19	2020-08-10	0	0	4	G	81
## 190	1.001601e+19	2020-08-11	0	0	15	C	40
## 191	1.001713e+19	2020-08-19	0	0	3	A	0
## 192	1.002486e+19	2020-08-18	0	0	4	C	71
## 193	1.003008e+18	2020-08-20	0	0	1	D	8
## 194	1.003122e+19	2020-08-13	0	0	1	A	106
## 195	1.004202e+19	2020-08-12	0	0	2	A	0
## 196	1.004280e+18	2020-08-14	0	0	6	C	0
## 197	1.004465e+19	2020-08-16	0	0	2	G	49
## 198	1.004516e+19	2020-08-15	0	0	11	<NA>	10
## 199	1.004921e+19	2020-08-14	0	0	28	B	0
## 200	1.005319e+19	2020-08-10	0	0	30	A	0
## 201	1.005872e+18	2020-08-12	0	0	7	A	0
## 202	1.005955e+19	2020-08-16	0	0	3	B	0
## 203	1.006249e+18	2020-08-14	0	0	1	A	0
## 204	1.007165e+17	2020-08-19	0	0	4	D	0
## 205	1.009207e+19	2020-08-15	0	0	1	A	40
## 206	1.009982e+19	2020-08-10	0	0	2	A	0
## 207	1.010711e+19	2020-08-16	0	0	3	A	0
## 208	1.010935e+19	2020-08-20	0	0	10	A	0
## 209	1.011329e+19	2020-08-12	0	0	4	A	0
## 210	1.011909e+19	2020-08-13	0	0	10	C	38
## 211	1.012045e+18	2020-08-11	0	0	2	B	0
## 212	1.012287e+19	2020-08-16	0	0	11	D	35
## 213	1.012948e+19	2020-08-20	0	0	97	A	0
## 214	1.013075e+19	2020-08-17	0	0	7	A	141
## 215	1.013240e+19	2020-08-16	0	0	5	A	39
## 216	1.013345e+19	2020-08-12	0	0	40	A	15
## 217	1.013576e+19	2020-08-20	0	0	1	D	0
## 218	1.013739e+19	2020-08-13	0	0	4	A	14
## 219	1.014826e+19	2020-08-15	0	0	172	C	0
## 220	1.014903e+19	2020-08-16	0	0	1	F	0
## 221	1.015857e+19	2020-08-11	0	0	1	B	0
## 222	1.016060e+18	2020-08-16	0	0	18	B	0
## 223	1.016226e+19	2020-08-19	0	0	1	G	70
## 224	1.016465e+19	2020-08-13	0	0	8	C	62
## 225	1.016638e+19	2020-08-15	0	0	2	A	0
## 226	1.016648e+19	2020-08-13	0	0	20	A	42
## 227	1.017929e+19	2020-08-10	0	0	4	D	85
## 228	1.018059e+19	2020-08-16	0	0	11	C	35
## 229	1.018948e+16	2020-08-14	0	0	1	A	141

## 230	1.019323e+19	2020-08-14	0	0	5	G	51
## 231	1.019489e+19	2020-08-12	0	0	3	A	0
## 232	1.019938e+19	2020-08-18	0	0	44	A	37
## 233	1.019952e+19	2020-08-11	0	0	2	A	0
## 234	1.021440e+19	2020-08-10	0	0	7	B	141
## 235	1.021842e+19	2020-08-16	0	0	8	A	0
## 236	1.021971e+19	2020-08-10	0	0	1	A	0
## 237	1.023396e+19	2020-08-12	0	0	5	A	0
## 238	1.024183e+19	2020-08-14	0	0	8	A	62
## 239	1.024257e+19	2020-08-10	0	0	3	A	0
## 240	1.024352e+19	2020-08-16	0	0	4	D	0
## 241	1.025069e+18	2020-08-13	0	0	5	C	58
## 242	1.025304e+19	2020-08-12	0	0	6	C	15
## 243	1.025609e+19	2020-08-14	0	0	1	A	141
## 244	1.025639e+19	2020-08-14	0	0	3	D	95
## 245	1.025933e+19	2020-08-20	0	0	6	C	69
## 246	1.026046e+19	2020-08-15	0	0	3	A	0
## 247	1.026632e+19	2020-08-20	0	0	51	A	0
## 248	1.027546e+18	2020-08-14	0	0	1	A	0
## 249	1.027794e+19	2020-08-20	0	0	1	A	50
## 250	1.029271e+19	2020-08-16	0	0	6	G	49
## 251	1.029418e+19	2020-08-20	0	0	4	B	69
## 252	1.029725e+19	2020-08-13	0	0	9	A	14
## 253	1.031331e+19	2020-08-20	1	399	42	B	0
## 254	1.031436e+19	2020-08-18	0	0	2	A	10
## 255	1.031445e+19	2020-08-19	0	0	1	A	9
## 256	1.031982e+19	2020-08-16	0	0	11	B	49
## 257	1.033131e+19	2020-08-19	0	0	2	A	0
## 258	1.033334e+19	2020-08-16	0	0	4	A	30
## 259	1.033379e+19	2020-08-16	0	0	1	A	39
## 260	1.033498e+19	2020-08-17	0	0	1	A	0
## 261	1.033775e+19	2020-08-13	0	0	1	A	42
## 262	1.034374e+19	2020-08-16	0	0	1	A	54
## 263	1.035264e+19	2020-08-18	0	0	1	A	0
## 264	1.036330e+19	2020-08-14	0	0	35	A	0
## 265	1.036386e+19	2020-08-16	0	0	3	B	0
## 266	1.036406e+19	2020-08-18	0	0	1	A	141
## 267	1.036547e+19	2020-08-18	0	0	1	A	9
## 268	1.036935e+19	2020-08-11	0	0	1	A	0
## 269	1.037266e+19	2020-08-14	0	0	15	D	0
## 270	1.037341e+19	2020-08-13	0	0	12	A	0
## 271	1.037950e+19	2020-08-20	0	0	21	A	35
## 272	1.038355e+19	2020-08-13	0	0	4	D	96
## 273	1.039354e+19	2020-08-17	0	0	3	G	106
## 274	1.039438e+19	2020-08-13	0	0	6	A	141
## 275	1.039541e+19	2020-08-16	0	0	39	B	35
## 276	1.040247e+19	2020-08-17	0	0	14	G	48
## 277	1.040705e+19	2020-08-18	0	0	5	C	0
## 278	1.041032e+19	2020-08-19	1	739	108	C	0
## 279	1.041600e+19	2020-08-19	0	0	1	A	0
## 280	1.041695e+18	2020-08-14	0	0	4	A	85
## 281	1.042327e+19	2020-08-13	0	0	4	C	0
## 282	1.042461e+19	2020-08-15	0	0	2	G	36
## 283	1.042768e+19	2020-08-10	0	0	47	A	0

## 284	1.042828e+19	2020-08-11	0	0	4	A	141
## 285	1.043305e+19	2020-08-13	0	0	4	A	65
## 286	1.043769e+19	2020-08-13	0	0	9	F	0
## 287	1.044483e+19	2020-08-15	0	0	27	B	0
## 288	1.044614e+18	2020-08-20	0	0	8	C	0
## 289	1.044680e+19	2020-08-10	0	0	4	A	17
## 290	1.045393e+18	2020-08-13	0	0	2	A	0
## 291	1.045530e+19	2020-08-10	0	0	37	A	0
## 292	1.045762e+19	2020-08-12	0	0	40	A	0
## 293	1.045868e+19	2020-08-11	0	0	1	A	0
## 294	1.046605e+19	2020-08-11	0	0	1	A	0
## 295	1.046846e+19	2020-08-20	0	0	4	D	0
## 296	1.047360e+19	2020-08-11	0	0	1	G	54
## 297	1.047807e+18	2020-08-11	1	3549	6	A	0
## 298	1.047852e+19	2020-08-19	0	0	7	A	51
## 299	1.047984e+19	2020-08-15	0	0	5	A	141
## 300	1.048022e+19	2020-08-14	0	0	1	A	0
## 301	1.048099e+19	2020-08-12	0	0	4	A	0
## 302	1.048623e+19	2020-08-20	0	0	2	D	131
## 303	1.048745e+19	2020-08-13	0	0	10	C	0
## 304	1.049204e+19	2020-08-16	0	0	2	A	12
## 305	1.049697e+19	2020-08-13	0	0	18	B	52
## 306	1.049947e+19	2020-08-19	0	0	5	A	0
## 307	1.050665e+19	2020-08-13	1	299	0	A	0
## 308	1.050779e+19	2020-08-11	0	0	22	A	17
## 309	1.051106e+19	2020-08-12	0	0	12	A	0
## 310	1.051232e+19	2020-08-12	0	0	23	A	91
## 311	1.051329e+19	2020-08-10	0	0	3	A	0
## 312	1.052009e+19	2020-08-11	0	0	4	A	0
## 313	1.052325e+19	2020-08-12	0	0	8	A	0
## 314	1.052922e+19	2020-08-14	0	0	5	C	57
## 315	1.053942e+19	2020-08-18	0	0	6	B	71
## 316	1.054139e+19	2020-08-10	0	0	5	B	41
## 317	1.054457e+19	2020-08-10	0	0	8	D	41
## 318	1.054497e+19	2020-08-20	0	0	7	A	50
## 319	1.055418e+19	2020-08-14	0	0	8	G	157
## 320	1.055465e+19	2020-08-10	0	0	1	F	0
## 321	1.055613e+19	2020-08-19	0	0	20	C	166
## 322	1.056307e+18	2020-08-14	0	0	5	B	0
## 323	1.056319e+19	2020-08-18	0	0	1	A	52
## 324	1.056985e+19	2020-08-16	0	0	1	A	0
## 325	1.058063e+19	2020-08-13	0	0	2	A	0
## 326	1.058184e+19	2020-08-13	0	0	7	C	0
## 327	1.058249e+19	2020-08-14	0	0	4	C	57
## 328	1.058779e+19	2020-08-13	0	0	10	C	16
## 329	1.059410e+19	2020-08-20	0	0	1	A	7
## 330	1.059425e+19	2020-08-20	0	0	20	D	0
## 331	1.059457e+19	2020-08-13	0	0	1	A	14
## 332	1.059505e+19	2020-08-19	0	0	9	C	81
## 333	1.059926e+19	2020-08-18	0	0	2	E	0
## 334	1.060605e+19	2020-08-14	0	0	9	A	0
## 335	1.060815e+19	2020-08-16	0	0	5	A	54
## 336	1.061532e+19	2020-08-10	0	0	23	B	5
## 337	1.061661e+19	2020-08-13	0	0	1	A	52

## 338	1.062030e+19	2020-08-15	0	0	6	F	0
## 339	1.062140e+19	2020-08-19	0	0	1	A	27
## 340	1.062365e+19	2020-08-20	0	0	13	A	0
## 341	1.062585e+18	2020-08-17	0	0	1	A	0
## 342	1.062984e+19	2020-08-15	0	0	1	F	84
## 343	1.063516e+19	2020-08-11	0	0	6	C	0
## 344	1.063991e+19	2020-08-18	0	0	6	A	0
## 345	1.064497e+19	2020-08-14	0	0	2	A	41
## 346	1.065440e+19	2020-08-12	0	0	44	<NA>	132
## 347	1.065445e+19	2020-08-18	0	0	9	<NA>	0
## 348	1.065625e+19	2020-08-11	0	0	1	<NA>	16
## 349	1.065757e+19	2020-08-14	0	0	1	A	41
## 350	1.066502e+19	2020-08-19	0	0	15	C	81
## 351	1.066790e+19	2020-08-18	0	0	3	A	31
## 352	1.067666e+18	2020-08-18	0	0	10	C	33
## 353	1.067911e+18	2020-08-11	0	0	2	E	0
## 354	1.068063e+19	2020-08-15	0	0	14	F	105
## 355	1.068162e+19	2020-08-20	0	0	2	A	35
## 356	1.068220e+19	2020-08-13	0	0	12	A	0
## 357	1.069343e+19	2020-08-19	0	0	8	A	36
## 358	1.069543e+19	2020-08-10	1	259	2	A	45
## 359	1.069779e+19	2020-08-13	0	0	8	A	0
## 360	1.070489e+19	2020-08-13	0	0	3	A	141
## 361	1.070996e+19	2020-08-15	0	0	16	D	50
## 362	1.071301e+18	2020-08-18	0	0	7	A	37
## 363	1.071329e+19	2020-08-13	0	0	3	C	0
## 364	1.072628e+19	2020-08-10	0	0	38	B	0
## 365	1.072754e+19	2020-08-11	0	0	25	A	0
## 366	1.073125e+19	2020-08-11	0	0	8	C	42
## 367	1.073407e+19	2020-08-15	0	0	6	D	13
## 368	1.074816e+19	2020-08-11	0	0	2	A	0
## 369	1.075802e+19	2020-08-13	0	0	9	A	0
## 370	1.077426e+19	2020-08-16	0	0	4	D	49
## 371	1.077918e+19	2020-08-15	0	0	2	G	50
## 372	1.078012e+19	2020-08-20	0	0	1	A	50
## 373	1.078623e+19	2020-08-13	0	0	25	F	38
## 374	1.078688e+18	2020-08-12	1	679	23	C	0
## 375	1.078949e+19	2020-08-11	0	0	13	A	0
## 376	1.079024e+19	2020-08-12	0	0	1	A	0
## 377	1.079071e+19	2020-08-18	0	0	4	B	0
## 378	1.079210e+18	2020-08-15	0	0	15	F	0
## 379	1.079219e+19	2020-08-16	0	0	36	A	0
## 380	1.080234e+19	2020-08-20	0	0	37	B	69
## 381	1.080479e+19	2020-08-12	0	0	35	C	0
## 382	1.080721e+19	2020-08-20	0	0	8	A	0
## 383	1.080795e+19	2020-08-10	0	0	1	F	69
## 384	1.081495e+19	2020-08-17	0	0	3	A	53
## 385	1.081625e+19	2020-08-18	0	0	12	A	0
## 386	1.083913e+19	2020-08-13	0	0	1	A	88
## 387	1.084272e+19	2020-08-16	0	0	10	D	49
## 388	1.084463e+19	2020-08-19	0	0	6	F	0
## 389	1.085255e+19	2020-08-18	0	0	2	A	37
## 390	1.085485e+19	2020-08-13	0	0	1	A	14
## 391	1.085836e+19	2020-08-20	0	0	2	D	0

## 392	1.086073e+19	2020-08-18	0	0	3	A	31
## 393	1.086840e+18	2020-08-19	0	0	1	A	27
## 394	1.087986e+19	2020-08-19	0	0	1	F	27
## 395	1.088348e+19	2020-08-13	0	0	2	A	0
## 396	1.088766e+19	2020-08-12	0	0	1	F	53
## 397	1.088843e+19	2020-08-17	0	0	1	E	0
## 398	1.088908e+19	2020-08-20	1	1119	44	A	0
## 399	1.088924e+19	2020-08-16	0	0	2	C	55
## 400	1.089836e+19	2020-08-17	0	0	5	D	32
## 401	1.091452e+19	2020-08-17	0	0	10	C	72
## 402	1.091536e+19	2020-08-10	0	0	2	F	0
## 403	1.093423e+19	2020-08-11	1	1599	13	A	141
## 404	1.094211e+19	2020-08-19	0	0	1	A	0
## 405	1.094262e+19	2020-08-15	0	0	1	A	0
## 406	1.095647e+19	2020-08-20	0	0	2	G	208
## 407	1.095972e+19	2020-08-12	0	0	6	<NA>	0
## 408	1.096752e+18	2020-08-16	0	0	2	A	104
## 409	1.096980e+19	2020-08-15	0	0	26	C	36
## 410	1.097588e+19	2020-08-15	0	0	7	C	50
## 411	1.097718e+18	2020-08-15	0	0	7	E	13
## 412	1.097800e+19	2020-08-18	0	0	20	A	9
## 413	1.097818e+19	2020-08-18	0	0	4	D	133
## 414	1.097918e+19	2020-08-17	0	0	3	A	53
## 415	1.098120e+19	2020-08-18	0	0	5	A	0
## 416	1.098362e+19	2020-08-16	0	0	16	C	11
## 417	1.098404e+19	2020-08-12	0	0	18	A	87
## 418	1.098489e+19	2020-08-13	0	0	14	C	38
## 419	1.098794e+19	2020-08-15	0	0	1	A	13
## 420	1.099615e+19	2020-08-20	0	0	10	B	0
## 421	1.099812e+19	2020-08-20	0	0	5	D	0
## 422	1.100118e+18	2020-08-16	0	0	14	C	55
## 423	1.100154e+19	2020-08-17	0	0	1	A	53
## 424	1.100985e+19	2020-08-10	0	0	6	A	65
## 425	1.101243e+19	2020-08-10	0	0	1	A	0
## 426	1.101624e+19	2020-08-19	0	0	3	A	30
## 427	1.101735e+19	2020-08-13	0	0	3	B	38
## 428	1.102369e+19	2020-08-17	0	0	5	B	0
## 429	1.102455e+19	2020-08-19	1	649	51	C	208
## 430	1.102898e+18	2020-08-13	0	0	1	B	0
## 431	1.103099e+18	2020-08-13	0	0	1	<NA>	0
## 432	1.103866e+19	2020-08-11	0	0	2	A	141
## 433	1.103871e+19	2020-08-10	0	0	4	A	45
## 434	1.104020e+19	2020-08-10	0	0	3	A	0
## 435	1.104199e+19	2020-08-12	0	0	1	A	0
## 436	1.105540e+19	2020-08-19	0	0	1	C	0
## 437	1.106255e+19	2020-08-14	0	0	1	A	0
## 438	1.106330e+19	2020-08-12	0	0	4	A	0
## 439	1.106573e+19	2020-08-12	0	0	6	A	0
## 440	1.106577e+19	2020-08-12	0	0	1	A	107
## 441	1.106742e+19	2020-08-14	0	0	1	E	132
## 442	1.107980e+19	2020-08-19	0	0	1	A	30
## 443	1.108024e+19	2020-08-14	0	0	31	A	0
## 444	1.108470e+19	2020-08-14	0	0	52	B	37
## 445	1.108985e+18	2020-08-16	0	0	31	<NA>	128

## 446	1.109427e+19	2020-08-10	0	0	3	D	0
## 447	1.109674e+19	2020-08-12	0	0	10	F	43
## 448	1.109713e+19	2020-08-17	0	0	2	G	48
## 449	1.111059e+18	2020-08-19	0	0	1	A	141
## 450	1.111065e+19	2020-08-19	0	0	11	C	81
## 451	1.111128e+19	2020-08-13	0	0	5	B	76
## 452	1.111525e+19	2020-08-14	0	0	7	<NA>	2
## 453	1.111734e+18	2020-08-15	0	0	3	A	0
## 454	1.111765e+19	2020-08-14	0	0	6	B	0
## 455	1.112423e+19	2020-08-15	0	0	13	C	56
## 456	1.112698e+19	2020-08-20	0	0	7	B	31
## 457	1.112879e+19	2020-08-12	0	0	2	A	0
## 458	1.112946e+19	2020-08-12	0	0	1	A	89
## 459	1.113250e+19	2020-08-15	0	0	4	A	0
## 460	1.113575e+19	2020-08-16	0	0	1	A	12
## 461	1.116037e+19	2020-08-16	0	0	4	C	0
## 462	1.116154e+19	2020-08-19	0	0	6	A	0
## 463	1.116654e+19	2020-08-11	0	0	12	A	0
## 464	1.117033e+19	2020-08-11	0	0	12	D	40
## 465	1.118019e+19	2020-08-10	0	0	12	C	0
## 466	1.118073e+19	2020-08-11	0	0	7	F	44
## 467	1.118510e+19	2020-08-19	0	0	36	A	0
## 468	1.118545e+19	2020-08-10	0	0	50	<NA>	99
## 469	1.119149e+19	2020-08-10	0	0	8	C	0
## 470	1.119888e+19	2020-08-13	0	0	11	F	0
## 471	1.120241e+19	2020-08-12	0	0	15	A	0
## 472	1.124013e+19	2020-08-14	0	0	2	D	137
## 473	1.124429e+19	2020-08-17	0	0	1	A	0
## 474	1.124479e+19	2020-08-13	0	0	5	A	42
## 475	1.124875e+18	2020-08-14	0	0	2	A	0
## 476	1.125600e+18	2020-08-20	0	0	5	<NA>	26
## 477	1.126703e+19	2020-08-12	0	0	3	G	208
## 478	1.126866e+17	2020-08-10	0	0	3	D	0
## 479	1.127471e+19	2020-08-11	1	219	8	E	0
## 480	1.128529e+18	2020-08-10	0	0	2	F	17
## 481	1.129020e+19	2020-08-17	0	0	32	C	0
## 482	1.129328e+19	2020-08-20	0	0	1	A	50
## 483	1.130339e+19	2020-08-18	0	0	24	B	71
## 484	1.130901e+19	2020-08-11	0	0	11	A	0
## 485	1.130926e+19	2020-08-15	0	0	3	B	0
## 486	1.131830e+19	2020-08-16	0	0	63	A	0
## 487	1.132197e+18	2020-08-19	0	0	5	A	0
## 488	1.132974e+19	2020-08-15	0	0	4	A	40
## 489	1.133262e+19	2020-08-16	0	0	58	A	12
## 490	1.133900e+19	2020-08-18	0	0	2	D	0
## 491	1.134042e+19	2020-08-20	0	0	1	G	223
## 492	1.134686e+19	2020-08-13	0	0	2	A	0
## 493	1.134873e+18	2020-08-19	0	0	1	A	8
## 494	1.135077e+19	2020-08-12	0	0	8	A	108
## 495	1.135112e+19	2020-08-16	0	0	1	A	11
## 496	1.135331e+19	2020-08-15	0	0	4	C	12
## 497	1.135824e+19	2020-08-10	0	0	2	G	65
## 498	1.136142e+19	2020-08-20	1	1499	49	A	50
## 499	1.136275e+19	2020-08-15	0	0	11	A	40

## 500	1.137603e+19	2020-08-13	0	0	4	F	83
## 501	1.137699e+19	2020-08-20	0	0	8	F	29
## 502	1.138664e+18	2020-08-19	0	0	14	A	0
## 503	1.139176e+19	2020-08-10	0	0	28	C	0
## 504	1.140012e+19	2020-08-14	0	0	80	A	14
## 505	1.140214e+19	2020-08-12	0	0	4	B	141
## 506	1.140660e+19	2020-08-16	0	0	2	A	39
## 507	1.140727e+19	2020-08-14	0	0	10	A	0
## 508	1.140975e+19	2020-08-11	0	0	5	A	141
## 509	1.141157e+19	2020-08-20	0	0	2	A	0
## 510	1.141637e+19	2020-08-15	0	0	35	B	0
## 511	1.141747e+19	2020-08-12	0	0	49	B	39
## 512	1.142372e+19	2020-08-12	0	0	18	D	0
## 513	1.142542e+19	2020-08-20	0	0	4	B	0
## 514	1.143217e+19	2020-08-14	0	0	7	A	41
## 515	1.143839e+19	2020-08-17	0	0	2	G	0
## 516	1.144552e+19	2020-08-15	0	0	3	C	56
## 517	1.145655e+19	2020-08-12	0	0	15	C	125
## 518	1.146255e+19	2020-08-10	0	0	2	A	0
## 519	1.147049e+19	2020-08-12	0	0	28	A	0
## 520	1.147093e+19	2020-08-11	0	0	1	A	44
## 521	1.148266e+18	2020-08-13	0	0	2	A	62
## 522	1.148689e+19	2020-08-15	0	0	1	D	40
## 523	1.149133e+18	2020-08-19	0	0	2	D	0
## 524	1.150370e+19	2020-08-20	0	0	1	A	0
## 525	1.150885e+18	2020-08-16	0	0	7	A	0
## 526	1.151640e+19	2020-08-11	0	0	6	A	0
## 527	1.152452e+19	2020-08-18	0	0	3	A	0
## 528	1.152498e+19	2020-08-17	0	0	1	A	38
## 529	1.153103e+19	2020-08-13	0	0	3	F	86
## 530	1.153435e+19	2020-08-18	0	0	19	B	0
## 531	1.153584e+19	2020-08-12	0	0	17	<NA>	0
## 532	1.154187e+19	2020-08-17	0	0	4	B	72
## 533	1.154218e+19	2020-08-20	0	0	18	D	31
## 534	1.154274e+19	2020-08-13	0	0	3	A	0
## 535	1.154982e+19	2020-08-18	0	0	2	A	52
## 536	1.155165e+19	2020-08-12	0	0	24	G	53
## 537	1.155566e+19	2020-08-15	0	0	4	A	0
## 538	1.155870e+19	2020-08-18	0	0	36	A	0
## 539	1.156060e+19	2020-08-11	0	0	24	B	0
## 540	1.156622e+19	2020-08-12	0	0	18	A	15
## 541	1.156657e+19	2020-08-16	0	0	1	A	0
## 542	1.157100e+19	2020-08-16	0	0	6	G	49
## 543	1.157439e+19	2020-08-20	0	0	4	G	151
## 544	1.158290e+18	2020-08-18	0	0	2	A	0
## 545	1.159905e+19	2020-08-10	0	0	12	A	0
## 546	1.160376e+19	2020-08-16	0	0	8	A	0
## 547	1.163807e+19	2020-08-10	0	0	1	A	0
## 548	1.164829e+19	2020-08-19	0	0	41	A	0
## 549	1.164913e+19	2020-08-18	0	0	2	A	0
## 550	1.165130e+19	2020-08-14	0	0	18	A	0
## 551	1.165172e+19	2020-08-10	0	0	12	A	70
## 552	1.165500e+19	2020-08-10	0	0	9	A	0
## 553	1.165887e+18	2020-08-20	0	0	4	A	141

## 554	1.166039e+19	2020-08-13	0	0	5	C	0
## 555	1.166284e+18	2020-08-18	0	0	4	A	0
## 556	1.166351e+19	2020-08-12	0	0	1	F	43
## 557	1.166471e+19	2020-08-12	0	0	7	A	0
## 558	1.166624e+19	2020-08-16	0	0	3	A	33
## 559	1.167759e+19	2020-08-10	0	0	7	A	110
## 560	1.167988e+19	2020-08-13	0	0	13	A	0
## 561	1.168058e+19	2020-08-14	0	0	7	E	14
## 562	1.168240e+19	2020-08-14	0	0	1	A	141
## 563	1.168448e+19	2020-08-14	0	0	3	A	0
## 564	1.169547e+19	2020-08-18	0	0	1	D	0
## 565	1.169962e+19	2020-08-19	0	0	13	A	27
## 566	1.171549e+19	2020-08-17	0	0	25	A	11
## 567	1.171790e+19	2020-08-16	0	0	19	A	130
## 568	1.171831e+19	2020-08-10	0	0	50	F	41
## 569	1.171839e+19	2020-08-20	0	0	3	A	0
## 570	1.171930e+19	2020-08-18	0	0	1	F	141
## 571	1.172078e+19	2020-08-11	0	0	1	A	0
## 572	1.172136e+19	2020-08-14	0	0	39	A	0
## 573	1.172294e+19	2020-08-16	0	0	20	C	0
## 574	1.173086e+19	2020-08-16	0	0	25	B	0
## 575	1.173264e+19	2020-08-16	0	0	9	A	54
## 576	1.174424e+19	2020-08-14	0	0	4	B	0
## 577	1.175164e+19	2020-08-18	0	0	3	G	71
## 578	1.175305e+19	2020-08-11	0	0	1	A	0
## 579	1.175506e+19	2020-08-16	0	0	70	A	0
## 580	1.176612e+19	2020-08-14	0	0	1	<NA>	81
## 581	1.176847e+19	2020-08-12	0	0	1	A	15
## 582	1.177027e+19	2020-08-16	0	0	6	<NA>	0
## 583	1.177104e+19	2020-08-19	0	0	4	C	8
## 584	1.177367e+19	2020-08-13	0	0	1	A	0
## 585	1.178001e+18	2020-08-11	0	0	1	A	90
## 586	1.178140e+19	2020-08-15	0	0	42	C	81
## 587	1.178686e+19	2020-08-15	0	0	1	F	14
## 588	1.178712e+19	2020-08-16	0	0	8	A	141
## 589	1.179008e+19	2020-08-15	0	0	1	A	0
## 590	1.179260e+19	2020-08-11	0	0	8	G	208
## 591	1.179749e+19	2020-08-20	0	0	4	C	31
## 592	1.180384e+19	2020-08-19	0	0	1	B	0
## 593	1.180851e+19	2020-08-11	2	1398	25	B	0
## 594	1.180935e+19	2020-08-14	0	0	13	A	0
## 595	1.181287e+19	2020-08-17	0	0	6	A	0
## 596	1.181719e+19	2020-08-17	0	0	1	B	34
## 597	1.182016e+19	2020-08-10	0	0	3	B	0
## 598	1.182041e+19	2020-08-18	0	0	25	C	81
## 599	1.182341e+19	2020-08-17	0	0	4	A	0
## 600	1.183181e+19	2020-08-11	0	0	5	A	109
## 601	1.183554e+18	2020-08-12	0	0	26	B	3
## 602	1.184557e+19	2020-08-12	0	0	4	A	91
## 603	1.184825e+19	2020-08-14	0	0	9	A	13
## 604	1.185835e+19	2020-08-13	0	0	4	D	0
## 605	1.187803e+19	2020-08-16	0	0	9	A	30
## 606	1.188573e+19	2020-08-12	0	0	37	A	0
## 607	1.188738e+19	2020-08-19	0	0	3	B	70

## 608	1.189332e+19	2020-08-20	0	0	29	D	0
## 609	1.189856e+19	2020-08-15	0	0	37	F	50
## 610	1.190105e+19	2020-08-14	0	0	8	A	0
## 611	1.190133e+18	2020-08-19	0	0	9	D	0
## 612	1.190186e+18	2020-08-12	0	0	4	D	97
## 613	1.190380e+19	2020-08-13	0	0	22	A	42
## 614	1.192116e+19	2020-08-13	0	0	1	G	110
## 615	1.192720e+19	2020-08-12	0	0	10	B	0
## 616	1.192902e+19	2020-08-19	0	0	4	A	36
## 617	1.193040e+19	2020-08-12	0	0	1	E	0
## 618	1.193397e+19	2020-08-18	0	0	8	C	0
## 619	1.193459e+19	2020-08-10	0	0	3	A	110
## 620	1.193926e+19	2020-08-12	0	0	13	C	81
## 621	1.194131e+19	2020-08-18	0	0	3	A	102
## 622	1.194638e+19	2020-08-16	0	0	8	A	0
## 623	1.194712e+19	2020-08-19	0	0	19	D	30
## 624	1.194799e+19	2020-08-14	0	0	6	C	123
## 625	1.194866e+19	2020-08-15	0	0	3	D	0
## 626	1.195019e+19	2020-08-10	0	0	9	C	208
## 627	1.195075e+19	2020-08-11	0	0	20	C	0
## 628	1.195279e+19	2020-08-20	0	0	24	A	26
## 629	1.195748e+19	2020-08-15	0	0	6	A	0
## 630	1.196039e+19	2020-08-11	0	0	4	A	0
## 631	1.196263e+19	2020-08-15	0	0	2	E	0
## 632	1.196454e+18	2020-08-10	0	0	12	F	0
## 633	1.196576e+18	2020-08-10	0	0	15	<NA>	0
## 634	1.196704e+19	2020-08-14	0	0	2	A	13
## 635	1.196861e+18	2020-08-19	0	0	21	A	27
## 636	1.197587e+19	2020-08-20	0	0	5	A	0
## 637	1.199154e+19	2020-08-20	0	0	1	A	8
## 638	1.199550e+19	2020-08-17	0	0	4	A	10
## 639	1.199848e+18	2020-08-15	0	0	6	D	0
## 640	1.200637e+19	2020-08-10	0	0	2	A	0
## 641	1.200669e+19	2020-08-11	0	0	4	B	40
## 642	1.201260e+19	2020-08-19	0	0	3	A	30
## 643	1.201523e+19	2020-08-11	0	0	1	D	0
## 644	1.201530e+19	2020-08-12	0	0	9	C	0
## 645	1.201637e+19	2020-08-16	0	0	4	G	223
## 646	1.202400e+19	2020-08-15	0	0	2	A	31
## 647	1.202494e+18	2020-08-17	0	0	13	C	0
## 648	1.202662e+19	2020-08-17	0	0	36	A	0
## 649	1.203411e+19	2020-08-20	0	0	3	F	0
## 650	1.203451e+19	2020-08-17	0	0	2	A	0
## 651	1.204611e+19	2020-08-18	0	0	5	A	9
## 652	1.204927e+19	2020-08-19	0	0	5	A	51
## 653	1.206141e+19	2020-08-14	0	0	4	B	0
## 654	1.206357e+18	2020-08-17	0	0	1	A	11
## 655	1.207122e+19	2020-08-20	0	0	1	A	0
## 656	1.207206e+19	2020-08-17	0	0	1	A	0
## 657	1.207724e+19	2020-08-12	0	0	2	A	141
## 658	1.208112e+18	2020-08-12	0	0	14	C	0
## 659	1.209478e+18	2020-08-18	0	0	5	A	0
## 660	1.209734e+19	2020-08-20	0	0	1	A	0
## 661	1.210258e+19	2020-08-16	0	0	3	A	30

## 662	1.210387e+19	2020-08-12	0	0	8	A	0
## 663	1.211565e+19	2020-08-13	0	0	11	A	0
## 664	1.211593e+19	2020-08-20	0	0	1	E	0
## 665	1.212111e+19	2020-08-18	0	0	4	A	0
## 666	1.212295e+19	2020-08-14	0	0	1	F	0
## 667	1.213575e+19	2020-08-12	0	0	2	A	87
## 668	1.214053e+19	2020-08-15	0	0	5	A	65
## 669	1.214528e+19	2020-08-14	0	0	12	A	0
## 670	1.216370e+19	2020-08-14	0	0	3	D	0
## 671	1.216598e+19	2020-08-16	0	0	9	C	55
## 672	1.216646e+18	2020-08-12	0	0	8	A	0
## 673	1.216698e+19	2020-08-15	0	0	1	A	0
## 674	1.216810e+19	2020-08-15	0	0	1	C	208
## 675	1.217273e+19	2020-08-15	0	0	41	A	13
## 676	1.217404e+19	2020-08-10	0	0	12	A	0
## 677	1.218309e+19	2020-08-18	0	0	14	C	119
## 678	1.218447e+19	2020-08-10	0	0	1	A	0
## 679	1.218563e+19	2020-08-11	0	0	6	A	0
## 680	1.218778e+18	2020-08-11	0	0	3	A	0
## 681	1.219046e+19	2020-08-19	1	859	14	C	0
## 682	1.219624e+19	2020-08-11	0	0	1	A	0
## 683	1.220489e+19	2020-08-13	1	899	5	C	14
## 684	1.220689e+19	2020-08-19	0	0	18	B	81
## 685	1.220932e+19	2020-08-18	1	239	3	E	0
## 686	1.221255e+19	2020-08-13	0	0	1	A	0
## 687	1.221672e+19	2020-08-12	0	0	3	A	0
## 688	1.222896e+19	2020-08-17	0	0	1	A	0
## 689	1.223083e+19	2020-08-13	0	0	8	C	38
## 690	1.223765e+19	2020-08-20	0	0	21	A	0
## 691	1.224600e+19	2020-08-15	0	0	1	A	14
## 692	1.224857e+19	2020-08-14	0	0	2	A	41
## 693	1.226396e+19	2020-08-16	0	0	3	A	0
## 694	1.226851e+19	2020-08-19	1	358	4	D	32
## 695	1.228758e+17	2020-08-20	0	0	35	C	0
## 696	1.228905e+19	2020-08-10	0	0	35	F	55
## 697	1.229502e+19	2020-08-20	1	739	169	C	0
## 698	1.229795e+18	2020-08-12	0	0	29	F	39
## 699	1.229892e+19	2020-08-14	0	0	5	A	62
## 700	1.230009e+19	2020-08-20	0	0	4	A	7
## 701	1.230248e+19	2020-08-18	0	0	4	C	0
## 702	1.230350e+19	2020-08-11	0	0	13	F	44
## 703	1.230638e+19	2020-08-13	0	0	12	B	38
## 704	1.230688e+19	2020-08-15	0	0	9	A	0
## 705	1.231161e+19	2020-08-15	0	0	1	A	13
## 706	1.232010e+19	2020-08-16	0	0	1	A	0
## 707	1.232041e+19	2020-08-19	1	1299	25	A	36
## 708	1.232268e+19	2020-08-12	0	0	4	A	0
## 709	1.232368e+19	2020-08-16	0	0	1	G	35
## 710	1.232668e+18	2020-08-11	0	0	10	C	92
## 711	1.232784e+19	2020-08-20	0	0	22	B	31
## 712	1.232856e+19	2020-08-18	0	0	18	D	31
## 713	1.233292e+19	2020-08-16	0	0	1	D	0
## 714	1.233758e+19	2020-08-16	0	0	17	C	81
## 715	1.233972e+19	2020-08-17	1	358	5	D	34

## 716	1.234116e+19	2020-08-11	0	0	5	A	92
## 717	1.234294e+19	2020-08-16	0	0	2	A	54
## 718	1.234332e+19	2020-08-15	0	0	1	A	0
## 719	1.234639e+19	2020-08-15	0	0	19	C	36
## 720	1.234872e+19	2020-08-10	0	0	42	A	0
## 721	1.234892e+19	2020-08-10	0	0	10	A	0
## 722	1.234970e+19	2020-08-18	0	0	8	C	71
## 723	1.235130e+19	2020-08-17	0	0	1	B	0
## 724	1.235165e+19	2020-08-13	0	0	3	A	62
## 725	1.235350e+18	2020-08-17	0	0	9	C	0
## 726	1.235447e+19	2020-08-12	0	0	2	A	0
## 727	1.235579e+19	2020-08-14	1	639	19	F	41
## 728	1.237055e+19	2020-08-16	0	0	33	B	49
## 729	1.238393e+19	2020-08-16	0	0	20	<NA>	0
## 730	1.239775e+19	2020-08-12	0	0	5	A	0
## 731	1.240619e+19	2020-08-13	0	0	13	A	0
## 732	1.240771e+19	2020-08-15	0	0	2	A	141
## 733	1.241765e+19	2020-08-10	0	0	6	A	93
## 734	1.241816e+19	2020-08-17	0	0	1	A	84
## 735	1.242034e+19	2020-08-20	0	0	5	A	0
## 736	1.242582e+19	2020-08-19	0	0	1	A	30
## 737	1.242940e+19	2020-08-15	0	0	11	C	36
## 738	1.243128e+19	2020-08-10	0	0	24	A	0
## 739	1.244679e+19	2020-08-14	0	0	1	A	0
## 740	1.245133e+19	2020-08-19	0	0	5	D	0
## 741	1.245992e+19	2020-08-13	0	0	8	A	0
## 742	1.246133e+19	2020-08-16	0	0	11	A	39
## 743	1.246165e+19	2020-08-17	0	0	2	A	103
## 744	1.248020e+19	2020-08-17	0	0	13	D	0
## 745	1.248124e+19	2020-08-16	0	0	1	A	39
## 746	1.248231e+19	2020-08-11	0	0	7	B	0
## 747	1.248296e+19	2020-08-17	0	0	8	A	53
## 748	1.249374e+19	2020-08-12	0	0	2	A	0
## 749	1.249474e+19	2020-08-18	0	0	7	A	52
## 750	1.249730e+19	2020-08-15	0	0	2	A	31
## 751	1.249786e+19	2020-08-15	0	0	3	G	50
## 752	1.249965e+19	2020-08-17	0	0	8	F	0
## 753	1.250785e+19	2020-08-10	0	0	22	A	0
## 754	1.251159e+19	2020-08-12	0	0	25	A	0
## 755	1.252130e+18	2020-08-20	0	0	4	C	81
## 756	1.252549e+19	2020-08-18	0	0	1	A	28
## 757	1.253973e+19	2020-08-18	0	0	5	A	0
## 758	1.255748e+19	2020-08-15	0	0	10	C	0
## 759	1.255778e+19	2020-08-16	0	0	4	B	0
## 760	1.255828e+19	2020-08-10	0	0	5	A	93
## 761	1.256122e+19	2020-08-11	0	0	3	A	109
## 762	1.257119e+19	2020-08-14	0	0	6	B	0
## 763	1.257340e+19	2020-08-20	0	0	5	A	8
## 764	1.258694e+19	2020-08-16	0	0	2	A	11
## 765	1.258837e+18	2020-08-11	0	0	1	A	0
## 766	1.258921e+19	2020-08-10	1	229	31	A	0
## 767	1.259170e+19	2020-08-18	0	0	41	C	0
## 768	1.259829e+19	2020-08-19	0	0	5	A	27
## 769	1.260223e+19	2020-08-12	0	0	7	F	108

## 770	1.261164e+19	2020-08-20	0	0	14	A	126
## 771	1.262261e+19	2020-08-11	0	0	2	A	0
## 772	1.263129e+19	2020-08-15	0	0	5	A	65
## 773	1.263233e+19	2020-08-17	0	0	7	C	0
## 774	1.263598e+18	2020-08-13	0	0	8	D	0
## 775	1.264179e+19	2020-08-11	0	0	1	A	0
## 776	1.264298e+19	2020-08-13	0	0	5	F	0
## 777	1.264478e+19	2020-08-12	0	0	1	A	0
## 778	1.264721e+19	2020-08-12	0	0	5	F	141
## 779	1.264903e+19	2020-08-10	0	0	5	A	141
## 780	1.265787e+19	2020-08-10	0	0	3	A	0
## 781	1.266308e+18	2020-08-17	0	0	40	A	10
## 782	1.266616e+19	2020-08-16	0	0	3	A	39
## 783	1.267093e+19	2020-08-10	0	0	2	A	0
## 784	1.267153e+19	2020-08-15	0	0	2	B	0
## 785	1.267225e+19	2020-08-14	0	0	1	A	62
## 786	1.268418e+19	2020-08-20	0	0	15	A	0
## 787	1.268909e+19	2020-08-19	0	0	32	<NA>	125
## 788	1.269505e+17	2020-08-18	0	0	11	A	28
## 789	1.270053e+17	2020-08-10	0	0	15	A	0
## 790	1.271459e+17	2020-08-11	0	0	4	F	18
## 791	1.271707e+19	2020-08-18	0	0	1	A	28
## 792	1.271797e+19	2020-08-13	0	0	29	C	0
## 793	1.272802e+19	2020-08-18	0	0	47	A	0
## 794	1.273618e+19	2020-08-14	0	0	14	B	0
## 795	1.273873e+19	2020-08-13	0	0	16	<NA>	0
## 796	1.274133e+19	2020-08-17	0	0	1	A	0
## 797	1.274265e+19	2020-08-12	0	0	1	B	39
## 798	1.274523e+19	2020-08-11	0	0	2	D	0
## 799	1.274750e+19	2020-08-17	0	0	8	A	0
## 800	1.274830e+19	2020-08-17	0	0	9	<NA>	0
## 801	1.275290e+19	2020-08-20	0	0	13	B	45
## 802	1.277076e+19	2020-08-12	0	0	4	A	0
## 803	1.277159e+19	2020-08-16	0	0	1	A	0
## 804	1.277187e+19	2020-08-10	0	0	6	A	0
## 805	1.279051e+18	2020-08-10	0	0	3	A	45
## 806	1.280310e+19	2020-08-13	0	0	1	A	0
## 807	1.281149e+19	2020-08-13	0	0	2	A	42
## 808	1.281285e+19	2020-08-20	0	0	11	A	35
## 809	1.281593e+19	2020-08-16	0	0	5	A	0
## 810	1.282146e+19	2020-08-18	0	0	5	B	33
## 811	1.282321e+19	2020-08-20	0	0	4	D	69
## 812	1.282548e+19	2020-08-18	0	0	1	A	52
## 813	1.282679e+19	2020-08-10	0	0	9	A	93
## 814	1.283339e+19	2020-08-15	0	0	1	A	12
## 815	1.283876e+17	2020-08-10	0	0	5	B	0
## 816	1.284235e+19	2020-08-11	0	0	11	C	81
## 817	1.284375e+19	2020-08-11	0	0	2	D	44
## 818	1.284452e+19	2020-08-16	0	0	6	A	39
## 819	1.284707e+18	2020-08-17	0	0	2	D	134
## 820	1.284996e+19	2020-08-19	0	0	7	G	46
## 821	1.286040e+19	2020-08-10	0	0	12	A	0
## 822	1.286298e+19	2020-08-16	0	0	5	A	141
## 823	1.286393e+19	2020-08-16	0	0	37	A	0

## 824	1.286836e+18	2020-08-19	0	0	4	A	8
## 825	1.288082e+19	2020-08-13	0	0	4	A	0
## 826	1.288530e+19	2020-08-16	0	0	1	A	54
## 827	1.288809e+19	2020-08-20	0	0	1	A	0
## 828	1.288966e+19	2020-08-12	0	0	4	C	208
## 829	1.289294e+19	2020-08-16	0	0	1	A	0
## 830	1.289921e+18	2020-08-11	0	0	4	A	0
## 831	1.291306e+19	2020-08-13	0	0	4	D	52
## 832	1.291431e+19	2020-08-10	0	0	4	A	0
## 833	1.292583e+19	2020-08-20	0	0	22	A	126
## 834	1.293307e+19	2020-08-12	0	0	1	D	39
## 835	1.293622e+19	2020-08-13	0	0	9	A	0
## 836	1.294437e+19	2020-08-11	0	0	32	A	0
## 837	1.294812e+19	2020-08-15	0	0	3	D	56
## 838	1.295209e+19	2020-08-18	0	0	11	A	0
## 839	1.295236e+19	2020-08-18	0	0	3	A	37
## 840	1.296616e+19	2020-08-13	0	0	3	A	14
## 841	1.296851e+19	2020-08-20	0	0	4	D	69
## 842	1.298211e+19	2020-08-17	0	0	2	A	141
## 843	1.298352e+19	2020-08-11	0	0	11	F	0
## 844	1.298710e+19	2020-08-19	0	0	47	C	8
## 845	1.299140e+19	2020-08-11	0	0	1	A	0
## 846	1.299596e+19	2020-08-14	0	0	3	A	0
## 847	1.301746e+18	2020-08-14	0	0	32	B	51
## 848	1.301840e+19	2020-08-19	0	0	1	A	36
## 849	1.302313e+19	2020-08-20	0	0	6	A	29
## 850	1.302608e+17	2020-08-15	0	0	9	C	81
## 851	1.302638e+19	2020-08-19	0	0	2	D	70
## 852	1.303627e+19	2020-08-17	0	0	16	C	48
## 853	1.304402e+19	2020-08-16	0	0	6	A	0
## 854	1.304593e+19	2020-08-10	0	0	1	A	0
## 855	1.304832e+19	2020-08-16	0	0	16	B	0
## 856	1.305866e+19	2020-08-19	0	0	4	F	100
## 857	1.306506e+19	2020-08-15	0	0	2	A	40
## 858	1.306963e+19	2020-08-13	0	0	22	B	52
## 859	1.307177e+19	2020-08-18	0	0	9	C	208
## 860	1.307469e+19	2020-08-14	0	0	4	G	208
## 861	1.307997e+18	2020-08-14	0	0	9	C	57
## 862	1.308840e+19	2020-08-10	0	0	12	A	0
## 863	1.309810e+19	2020-08-17	0	0	1	A	0
## 864	1.310090e+19	2020-08-19	0	0	1	A	27
## 865	1.310308e+19	2020-08-12	0	0	2	A	91
## 866	1.310925e+19	2020-08-17	0	0	5	A	0
## 867	1.311257e+19	2020-08-17	0	0	2	A	0
## 868	1.311919e+18	2020-08-11	0	0	5	C	0
## 869	1.312433e+19	2020-08-17	0	0	1	A	141
## 870	1.313111e+19	2020-08-20	0	0	19	A	0
## 871	1.314024e+19	2020-08-18	0	0	7	D	0
## 872	1.314469e+19	2020-08-12	0	0	13	A	134
## 873	1.314890e+19	2020-08-13	0	0	1	A	14
## 874	1.315810e+19	2020-08-11	0	0	9	C	54
## 875	1.315855e+19	2020-08-15	1	399	23	B	0
## 876	1.316069e+19	2020-08-12	0	0	18	A	43
## 877	1.316174e+19	2020-08-11	0	0	2	B	0

## 878	1.316294e+19	2020-08-16	0	0	4	D	0
## 879	1.316943e+19	2020-08-18	0	0	1	G	0
## 880	1.317966e+19	2020-08-19	0	0	2	A	51
## 881	1.317977e+19	2020-08-19	0	0	38	B	70
## 882	1.318815e+19	2020-08-17	0	0	2	A	0
## 883	1.319046e+19	2020-08-16	0	0	1	A	30
## 884	1.319623e+19	2020-08-14	0	0	38	A	0
## 885	1.319834e+19	2020-08-14	0	0	2	A	105
## 886	1.320867e+19	2020-08-20	0	0	3	A	7
## 887	1.321205e+19	2020-08-10	0	0	1	A	65
## 888	1.321286e+19	2020-08-12	0	0	1	A	0
## 889	1.321815e+19	2020-08-14	0	0	1	D	0
## 890	1.322594e+19	2020-08-10	0	0	2	A	0
## 891	1.323350e+19	2020-08-12	0	0	3	A	0
## 892	1.323794e+18	2020-08-14	0	0	7	D	51
## 893	1.323817e+19	2020-08-13	0	0	28	B	0
## 894	1.323853e+19	2020-08-12	0	0	36	A	91
## 895	1.324269e+19	2020-08-16	0	0	28	B	0
## 896	1.325049e+19	2020-08-12	0	0	4	A	53
## 897	1.325834e+19	2020-08-14	0	0	1	A	15
## 898	1.326269e+19	2020-08-17	0	0	2	A	38
## 899	1.326426e+18	2020-08-16	0	0	1	A	39
## 900	1.326757e+19	2020-08-15	0	0	1	F	40
## 901	1.327024e+19	2020-08-12	0	0	3	B	0
## 902	1.327241e+19	2020-08-12	0	0	5	A	0
## 903	1.328417e+19	2020-08-11	0	0	1	A	18
## 904	1.331295e+19	2020-08-17	0	0	6	A	32
## 905	1.331523e+19	2020-08-11	0	0	1	D	0
## 906	1.331527e+19	2020-08-11	0	0	14	A	0
## 907	1.332711e+19	2020-08-11	0	0	5	A	0
## 908	1.333928e+19	2020-08-19	0	0	1	A	0
## 909	1.333952e+18	2020-08-18	0	0	1	A	0
## 910	1.334541e+19	2020-08-16	0	0	6	A	12
## 911	1.335304e+19	2020-08-17	0	0	1	A	0
## 912	1.335450e+19	2020-08-13	0	0	3	B	0
## 913	1.335973e+19	2020-08-19	0	0	4	A	0
## 914	1.336067e+19	2020-08-11	0	0	5	A	0
## 915	1.336145e+19	2020-08-10	0	0	18	C	43
## 916	1.336234e+19	2020-08-19	0	0	2	A	0
## 917	1.337845e+19	2020-08-12	0	0	1	A	0
## 918	1.338083e+19	2020-08-17	0	0	9	C	208
## 919	1.338490e+19	2020-08-15	0	0	11	A	12
## 920	1.338741e+19	2020-08-19	0	0	11	C	32
## 921	1.338937e+19	2020-08-20	0	0	3	A	0
## 922	1.339946e+19	2020-08-19	0	0	4	A	0
## 923	1.341173e+19	2020-08-15	0	0	30	A	0
## 924	1.341381e+19	2020-08-10	0	0	5	B	0
## 925	1.341440e+19	2020-08-12	0	0	4	G	208
## 926	1.342863e+19	2020-08-14	0	0	5	<NA>	13
## 927	1.342938e+19	2020-08-13	0	0	9	F	107
## 928	1.343006e+19	2020-08-15	0	0	24	A	0
## 929	1.344000e+19	2020-08-13	0	0	4	E	15
## 930	1.344120e+19	2020-08-12	0	0	2	A	16
## 931	1.344500e+19	2020-08-17	0	0	11	D	11

## 932	1.344782e+19	2020-08-14	0	0	3	C	0
## 933	1.345094e+19	2020-08-17	0	0	7	A	0
## 934	1.345475e+19	2020-08-12	0	0	77	A	89
## 935	1.346551e+19	2020-08-18	0	0	6	A	0
## 936	1.346786e+19	2020-08-11	0	0	3	A	44
## 937	1.349431e+19	2020-08-15	0	0	7	A	0
## 938	1.350313e+19	2020-08-11	0	0	1	B	141
## 939	1.350317e+18	2020-08-19	0	0	26	A	9
## 940	1.350377e+19	2020-08-12	0	0	12	D	0
## 941	1.350401e+19	2020-08-13	0	0	1	A	42
## 942	1.351422e+19	2020-08-14	0	0	21	B	81
## 943	1.352173e+19	2020-08-11	0	0	4	G	81
## 944	1.352877e+19	2020-08-20	0	0	45	B	31
## 945	1.353681e+19	2020-08-11	0	0	7	C	16
## 946	1.353833e+19	2020-08-17	0	0	12	C	81
## 947	1.353934e+18	2020-08-18	0	0	2	A	52
## 948	1.354412e+19	2020-08-17	0	0	19	B	0
## 949	1.354472e+19	2020-08-19	0	0	2	A	51
## 950	1.355768e+19	2020-08-16	0	0	19	B	0
## 951	1.355903e+19	2020-08-19	0	0	11	A	0
## 952	1.357278e+19	2020-08-12	0	0	20	B	81
## 953	1.358353e+19	2020-08-12	0	0	1	E	0
## 954	1.359037e+19	2020-08-16	0	0	6	A	55
## 955	1.360242e+19	2020-08-15	0	0	10	A	31
## 956	1.360284e+19	2020-08-16	0	0	1	A	30
## 957	1.361474e+19	2020-08-20	0	0	25	A	50
## 958	1.362305e+19	2020-08-14	0	0	7	D	0
## 959	1.362598e+19	2020-08-20	0	0	2	A	35
## 960	1.362776e+19	2020-08-20	0	0	16	C	31
## 961	1.363539e+19	2020-08-13	0	0	1	A	15
## 962	1.364173e+19	2020-08-17	0	0	18	C	72
## 963	1.365290e+19	2020-08-16	0	0	1	A	104
## 964	1.365614e+19	2020-08-18	0	0	10	A	0
## 965	1.366139e+19	2020-08-15	0	0	7	A	0
## 966	1.366819e+19	2020-08-13	0	0	7	C	52
## 967	1.367685e+19	2020-08-16	0	0	5	D	12
## 968	1.367948e+19	2020-08-19	0	0	16	G	70
## 969	1.368080e+19	2020-08-11	0	0	9	A	0
## 970	1.368622e+19	2020-08-20	0	0	9	C	7
## 971	1.368824e+19	2020-08-11	0	0	4	A	109
## 972	1.370092e+19	2020-08-16	0	0	5	A	0
## 973	1.371381e+18	2020-08-17	0	0	2	A	102
## 974	1.372380e+19	2020-08-13	0	0	22	C	0
## 975	1.372549e+19	2020-08-12	0	0	27	B	39
## 976	1.372826e+19	2020-08-17	0	0	8	E	11
## 977	1.373045e+18	2020-08-16	0	0	1	E	0
## 978	1.373281e+18	2020-08-12	0	0	11	F	0
## 979	1.373327e+19	2020-08-20	0	0	3	D	45
## 980	1.373349e+19	2020-08-14	0	0	3	A	41
## 981	1.373421e+19	2020-08-17	0	0	2	A	10
## 982	1.374011e+19	2020-08-16	0	0	22	C	166
## 983	1.374302e+19	2020-08-10	0	0	4	A	0
## 984	1.374388e+19	2020-08-12	0	0	2	B	39
## 985	1.374389e+19	2020-08-12	0	0	2	A	108

## 986	1.374493e+19	2020-08-12	0	0	1	A	0
## 987	1.375698e+19	2020-08-17	0	0	20	C	0
## 988	1.375858e+19	2020-08-11	0	0	30	B	40
## 989	1.376169e+17	2020-08-20	0	0	3	G	151
## 990	1.376251e+19	2020-08-15	1	599	12	B	10
## 991	1.378147e+19	2020-08-17	1	899	11	C	0
## 992	1.379261e+19	2020-08-19	0	0	41	C	32
## 993	1.379515e+19	2020-08-19	0	0	4	A	0
## 994	1.379605e+19	2020-08-17	0	0	1	A	53
## 995	1.379776e+19	2020-08-15	0	0	4	C	56
## 996	1.379837e+19	2020-08-11	0	0	13	A	0
## 997	1.379880e+19	2020-08-11	1	1499	40	A	44
## 998	1.380354e+19	2020-08-17	0	0	3	A	0
## 999	1.380508e+19	2020-08-18	0	0	1	E	10
## 1000	1.380844e+19	2020-08-18	0	0	89	A	0
## 1001	1.381171e+19	2020-08-12	0	0	15	A	87
## 1002	1.382519e+19	2020-08-19	0	0	3	A	27
## 1003	1.382625e+19	2020-08-15	0	0	1	A	65
## 1004	1.382737e+19	2020-08-13	0	0	1	D	0
## 1005	1.382859e+19	2020-08-16	0	0	1	A	11
## 1006	1.383164e+19	2020-08-13	0	0	8	A	0
## 1007	1.383189e+19	2020-08-14	0	0	1	A	0
## 1008	1.383469e+17	2020-08-18	0	0	9	G	153
## 1009	1.384546e+19	2020-08-20	0	0	3	A	62
## 1010	1.384905e+19	2020-08-10	0	0	13	C	0
## 1011	1.385456e+19	2020-08-11	0	0	4	G	99
## 1012	1.385666e+19	2020-08-14	0	0	3	A	0
## 1013	1.385695e+19	2020-08-20	0	0	2	A	26
## 1014	1.385854e+19	2020-08-10	0	0	13	A	17
## 1015	1.386192e+19	2020-08-18	0	0	2	A	0
## 1016	1.386608e+19	2020-08-15	0	0	3	A	0
## 1017	1.387710e+19	2020-08-17	0	0	11	G	72
## 1018	1.387789e+19	2020-08-20	0	0	1	A	50
## 1019	1.388180e+19	2020-08-15	0	0	36	C	0
## 1020	1.389342e+18	2020-08-17	1	1079	18	G	154
## 1021	1.389948e+19	2020-08-15	0	0	4	D	36
## 1022	1.391213e+19	2020-08-19	1	716	8	D	0
## 1023	1.391478e+19	2020-08-11	0	0	2	A	0
## 1024	1.391540e+19	2020-08-18	0	0	1	A	28
## 1025	1.391602e+19	2020-08-16	0	0	7	<NA>	0
## 1026	1.392383e+19	2020-08-16	0	0	65	F	35
## 1027	1.392662e+19	2020-08-16	0	0	53	C	208
## 1028	1.392806e+19	2020-08-15	0	0	4	A	0
## 1029	1.392971e+19	2020-08-19	0	0	26	A	0
## 1030	1.393027e+19	2020-08-17	0	0	8	D	0
## 1031	1.393070e+19	2020-08-19	0	0	2	A	30
## 1032	1.393438e+18	2020-08-15	0	0	5	D	0
## 1033	1.393620e+19	2020-08-19	0	0	8	E	0
## 1034	1.393676e+18	2020-08-16	0	0	14	C	35
## 1035	1.393992e+19	2020-08-12	0	0	2	A	0
## 1036	1.394142e+19	2020-08-11	0	0	12	A	65
## 1037	1.394552e+19	2020-08-10	0	0	4	A	45
## 1038	1.395462e+19	2020-08-12	0	0	1	A	87
## 1039	1.395654e+19	2020-08-10	0	0	6	A	0

## 1040	1.395666e+19	2020-08-16	0	0	18	C	121
## 1041	1.396714e+18	2020-08-13	0	0	3	A	16
## 1042	1.397226e+19	2020-08-11	0	0	3	C	208
## 1043	1.397463e+19	2020-08-17	0	0	27	B	223
## 1044	1.397559e+19	2020-08-19	0	0	14	A	36
## 1045	1.398750e+19	2020-08-17	0	0	1	A	29
## 1046	1.398917e+19	2020-08-14	0	0	2	D	0
## 1047	1.399258e+19	2020-08-20	0	0	27	F	45
## 1048	1.400455e+19	2020-08-12	0	0	18	A	108
## 1049	1.401138e+19	2020-08-15	1	239	4	A	65
## 1050	1.401214e+18	2020-08-16	0	0	3	F	0
## 1051	1.401492e+19	2020-08-13	0	0	2	G	52
## 1052	1.403631e+19	2020-08-20	0	0	11	A	0
## 1053	1.403665e+19	2020-08-20	0	0	2	A	0
## 1054	1.403850e+19	2020-08-18	0	0	2	A	0
## 1055	1.405826e+19	2020-08-10	1	909	12	A	0
## 1056	1.405858e+19	2020-08-14	0	0	22	B	51
## 1057	1.406101e+19	2020-08-10	0	0	14	G	55
## 1058	1.406234e+19	2020-08-15	0	0	1	A	0
## 1059	1.407138e+19	2020-08-17	0	0	17	C	34
## 1060	1.407261e+19	2020-08-20	0	0	1	A	0
## 1061	1.407450e+19	2020-08-14	0	0	2	A	0
## 1062	1.408889e+19	2020-08-16	0	0	3	A	11
## 1063	1.409612e+19	2020-08-14	0	0	35	<NA>	130
## 1064	1.410206e+19	2020-08-14	0	0	2	A	0
## 1065	1.412190e+19	2020-08-19	1	399	45	B	0
## 1066	1.412548e+19	2020-08-12	0	0	2	A	87
## 1067	1.412703e+19	2020-08-16	0	0	30	A	30
## 1068	1.413481e+19	2020-08-20	0	0	2	A	99
## 1069	1.413617e+18	2020-08-12	0	0	8	D	53
## 1070	1.413851e+19	2020-08-18	0	0	81	C	208
## 1071	1.413889e+19	2020-08-19	0	0	34	C	0
## 1072	1.414054e+19	2020-08-11	0	0	1	D	0
## 1073	1.414880e+19	2020-08-18	0	0	1	A	9
## 1074	1.415064e+19	2020-08-19	0	0	2	A	0
## 1075	1.415270e+19	2020-08-16	0	0	18	G	49
## 1076	1.415478e+19	2020-08-15	0	0	8	D	50
## 1077	1.415504e+18	2020-08-11	0	0	26	A	44
## 1078	1.416313e+19	2020-08-18	0	0	11	B	0
## 1079	1.416645e+18	2020-08-10	0	0	3	A	93
## 1080	1.417240e+19	2020-08-12	0	0	2	A	43
## 1081	1.418170e+19	2020-08-15	0	0	2	C	56
## 1082	1.418415e+18	2020-08-18	0	0	10	C	166
## 1083	1.418862e+19	2020-08-17	0	0	18	C	29
## 1084	1.419100e+19	2020-08-18	0	0	13	A	52
## 1085	1.419113e+19	2020-08-16	0	0	26	A	54
## 1086	1.419477e+19	2020-08-11	0	0	7	C	62
## 1087	1.419869e+19	2020-08-16	1	1339	14	A	0
## 1088	1.419918e+18	2020-08-14	0	0	7	A	0
## 1089	1.420622e+19	2020-08-12	0	0	7	A	141
## 1090	1.422313e+19	2020-08-20	0	0	2	A	7
## 1091	1.423302e+19	2020-08-16	0	0	19	A	0
## 1092	1.424266e+19	2020-08-18	0	0	1	A	0
## 1093	1.424529e+19	2020-08-10	0	0	11	A	0

## 1094	1.424891e+19	2020-08-18	0	0	8	G	71
## 1095	1.426924e+19	2020-08-20	0	0	5	A	35
## 1096	1.427123e+19	2020-08-15	0	0	5	D	85
## 1097	1.427603e+19	2020-08-20	0	0	42	F	31
## 1098	1.427667e+19	2020-08-17	0	0	20	C	0
## 1099	1.427703e+19	2020-08-11	0	0	8	D	141
## 1100	1.428106e+19	2020-08-12	0	0	3	D	0
## 1101	1.429466e+19	2020-08-19	0	0	9	A	0
## 1102	1.430136e+19	2020-08-18	0	0	33	C	0
## 1103	1.430175e+19	2020-08-13	0	0	4	D	0
## 1104	1.430973e+19	2020-08-14	0	0	21	A	65
## 1105	1.431404e+17	2020-08-14	0	0	2	D	0
## 1106	1.432818e+19	2020-08-11	0	0	9	C	42
## 1107	1.432942e+19	2020-08-16	0	0	1	A	11
## 1108	1.433146e+19	2020-08-12	0	0	1	A	0
## 1109	1.433453e+19	2020-08-10	0	0	58	A	0
## 1110	1.433513e+19	2020-08-11	0	0	16	A	16
## 1111	1.434167e+19	2020-08-16	0	0	4	B	73
## 1112	1.434553e+19	2020-08-20	0	0	22	C	29
## 1113	1.434991e+19	2020-08-11	0	0	2	A	0
## 1114	1.436375e+19	2020-08-19	0	0	37	F	32
## 1115	1.437540e+19	2020-08-15	0	0	1	A	86
## 1116	1.437584e+19	2020-08-17	0	0	26	A	38
## 1117	1.437603e+19	2020-08-20	0	0	5	A	29
## 1118	1.437939e+19	2020-08-11	0	0	2	D	0
## 1119	1.439169e+19	2020-08-15	0	0	6	C	0
## 1120	1.439504e+19	2020-08-12	1	1499	24	A	15
## 1121	1.439719e+19	2020-08-12	0	0	11	<NA>	0
## 1122	1.439731e+19	2020-08-16	0	0	5	A	30
## 1123	1.439949e+18	2020-08-18	0	0	4	A	0
## 1124	1.440145e+19	2020-08-10	0	0	1	F	141
## 1125	1.440430e+19	2020-08-20	0	0	5	D	0
## 1126	1.440611e+19	2020-08-17	0	0	7	A	0
## 1127	1.440737e+19	2020-08-19	0	0	1	A	0
## 1128	1.440904e+19	2020-08-16	0	0	10	A	11
## 1129	1.441568e+19	2020-08-20	0	0	2	E	0
## 1130	1.442284e+19	2020-08-14	0	0	1	A	0
## 1131	1.442515e+18	2020-08-10	1	718	16	A	0
## 1132	1.443152e+19	2020-08-14	0	0	6	C	37
## 1133	1.443402e+19	2020-08-20	0	0	2	A	35
## 1134	1.443608e+19	2020-08-16	0	0	46	F	49
## 1135	1.444784e+19	2020-08-13	0	0	1	G	223
## 1136	1.445154e+19	2020-08-15	0	0	18	B	50
## 1137	1.445369e+19	2020-08-18	0	0	11	B	33
## 1138	1.445883e+19	2020-08-16	0	0	4	A	0
## 1139	1.446460e+19	2020-08-14	0	0	1	B	37
## 1140	1.448121e+19	2020-08-12	0	0	3	B	0
## 1141	1.448887e+19	2020-08-20	0	0	4	A	35
## 1142	1.449671e+19	2020-08-12	0	0	14	C	0
## 1143	1.449994e+19	2020-08-14	0	0	8	D	37
## 1144	1.450335e+19	2020-08-10	0	0	3	A	141
## 1145	1.450485e+19	2020-08-13	0	0	4	C	81
## 1146	1.450778e+19	2020-08-10	0	0	1	A	65
## 1147	1.450970e+19	2020-08-11	0	0	4	A	69

## 1148	1.451148e+19	2020-08-20	0	0	54	A	0
## 1149	1.451371e+19	2020-08-10	0	0	14	A	0
## 1150	1.451643e+18	2020-08-13	0	0	5	E	0
## 1151	1.452383e+19	2020-08-10	0	0	2	A	65
## 1152	1.452430e+19	2020-08-13	0	0	2	D	0
## 1153	1.453491e+19	2020-08-11	0	0	1	A	16
## 1154	1.453663e+19	2020-08-17	0	0	47	B	34
## 1155	1.453802e+19	2020-08-18	0	0	15	C	81
## 1156	1.453837e+19	2020-08-17	0	0	5	A	0
## 1157	1.454274e+19	2020-08-15	0	0	3	A	62
## 1158	1.455495e+19	2020-08-10	0	0	4	E	136
## 1159	1.456275e+19	2020-08-12	0	0	4	A	15
## 1160	1.457586e+19	2020-08-15	0	0	1	A	0
## 1161	1.457761e+19	2020-08-17	0	0	7	C	65
## 1162	1.457845e+18	2020-08-19	0	0	5	A	51
## 1163	1.458991e+19	2020-08-12	0	0	2	A	87
## 1164	1.459070e+19	2020-08-17	0	0	11	A	0
## 1165	1.459560e+19	2020-08-14	0	0	1	G	51
## 1166	1.460000e+19	2020-08-19	0	0	1	C	70
## 1167	1.461228e+19	2020-08-10	1	2699	11	A	45
## 1168	1.461240e+19	2020-08-20	0	0	13	D	103
## 1169	1.462179e+19	2020-08-20	0	0	3	A	0
## 1170	1.463092e+19	2020-08-19	0	0	1	A	51
## 1171	1.463287e+19	2020-08-13	0	0	1	D	38
## 1172	1.463376e+19	2020-08-20	0	0	6	C	0
## 1173	1.463532e+19	2020-08-20	0	0	9	A	29
## 1174	1.464392e+19	2020-08-19	1	1339	13	G	70
## 1175	1.464477e+19	2020-08-15	0	0	29	A	0
## 1176	1.465764e+19	2020-08-12	0	0	3	G	111
## 1177	1.466572e+19	2020-08-20	0	0	2	A	50
## 1178	1.467246e+19	2020-08-16	0	0	2	A	11
## 1179	1.467901e+19	2020-08-11	0	0	7	C	0
## 1180	1.468280e+19	2020-08-12	0	0	3	B	0
## 1181	1.468353e+19	2020-08-14	0	0	1	A	13
## 1182	1.468591e+18	2020-08-13	0	0	1	D	0
## 1183	1.468719e+19	2020-08-16	0	0	15	G	49
## 1184	1.470177e+19	2020-08-14	0	0	8	A	41
## 1185	1.470625e+19	2020-08-13	0	0	1	A	141
## 1186	1.470855e+19	2020-08-11	0	0	3	A	16
## 1187	1.471490e+19	2020-08-16	0	0	3	B	35
## 1188	1.471922e+19	2020-08-11	0	0	12	A	42
## 1189	1.472048e+19	2020-08-19	0	0	16	D	32
## 1190	1.472373e+19	2020-08-10	0	0	8	C	0
## 1191	1.473429e+19	2020-08-13	0	0	1	G	52
## 1192	1.474024e+19	2020-08-19	0	0	1	B	0
## 1193	1.474252e+19	2020-08-13	0	0	4	A	0
## 1194	1.474300e+18	2020-08-14	0	0	2	A	65
## 1195	1.474694e+19	2020-08-20	0	0	1	B	31
## 1196	1.474860e+19	2020-08-16	0	0	3	B	0
## 1197	1.475020e+19	2020-08-10	1	1799	9	A	17
## 1198	1.475445e+19	2020-08-20	0	0	2	F	100
## 1199	1.475668e+19	2020-08-11	0	0	4	A	0
## 1200	1.476449e+19	2020-08-13	0	0	18	A	0
## 1201	1.476526e+19	2020-08-10	0	0	51	B	198

## 1202	1.477056e+19	2020-08-11	1	639	1	F	16
## 1203	1.477336e+18	2020-08-13	0	0	1	A	0
## 1204	1.477688e+19	2020-08-20	0	0	4	A	0
## 1205	1.478455e+19	2020-08-14	0	0	13	A	41
## 1206	1.478821e+19	2020-08-14	0	0	4	D	0
## 1207	1.480680e+19	2020-08-11	0	0	5	F	0
## 1208	1.481162e+19	2020-08-16	0	0	4	A	0
## 1209	1.481731e+19	2020-08-15	0	0	30	A	0
## 1210	1.482034e+19	2020-08-14	0	0	1	A	0
## 1211	1.482729e+19	2020-08-19	0	0	38	A	0
## 1212	1.483432e+19	2020-08-18	0	0	31	C	0
## 1213	1.483585e+18	2020-08-17	0	0	29	B	0
## 1214	1.485031e+19	2020-08-11	0	0	1	A	54
## 1215	1.485626e+18	2020-08-16	0	0	15	C	11
## 1216	1.485981e+19	2020-08-20	0	0	1	A	35
## 1217	1.486421e+19	2020-08-15	0	0	39	A	0
## 1218	1.486657e+19	2020-08-20	0	0	9	A	69
## 1219	1.486707e+19	2020-08-12	0	0	2	F	43
## 1220	1.486733e+19	2020-08-16	0	0	7	C	0
## 1221	1.486748e+19	2020-08-12	0	0	3	B	0
## 1222	1.486908e+19	2020-08-11	0	0	2	A	0
## 1223	1.487055e+19	2020-08-14	0	0	5	G	0
## 1224	1.488738e+19	2020-08-18	0	0	30	A	10
## 1225	1.489736e+19	2020-08-19	0	0	4	G	81
## 1226	1.490955e+19	2020-08-13	0	0	16	C	38
## 1227	1.491311e+19	2020-08-10	1	1339	52	A	17
## 1228	1.492002e+19	2020-08-15	0	0	4	C	0
## 1229	1.492231e+18	2020-08-11	0	0	49	A	0
## 1230	1.492961e+19	2020-08-17	0	0	11	A	72
## 1231	1.493097e+19	2020-08-14	0	0	1	A	15
## 1232	1.493490e+19	2020-08-12	0	0	1	D	139
## 1233	1.494122e+19	2020-08-19	0	0	1	D	0
## 1234	1.494240e+19	2020-08-10	0	0	5	D	45
## 1235	1.494381e+19	2020-08-19	0	0	5	B	0
## 1236	1.495258e+19	2020-08-17	0	0	3	A	0
## 1237	1.495839e+19	2020-08-17	0	0	14	A	10
## 1238	1.496779e+19	2020-08-17	0	0	29	B	48
## 1239	1.497390e+19	2020-08-12	0	0	2	A	0
## 1240	1.497941e+19	2020-08-10	0	0	6	E	0
## 1241	1.498915e+19	2020-08-15	0	0	1	A	40
## 1242	1.499573e+18	2020-08-11	0	0	5	B	78
## 1243	1.499811e+19	2020-08-19	0	0	6	D	104
## 1244	1.499882e+19	2020-08-16	0	0	5	A	39
## 1245	1.500111e+19	2020-08-15	0	0	14	B	36
## 1246	1.500810e+19	2020-08-16	0	0	5	D	0
## 1247	1.501062e+19	2020-08-11	0	0	1	A	0
## 1248	1.502431e+19	2020-08-20	0	0	4	A	35
## 1249	1.502808e+19	2020-08-20	0	0	2	A	29
## 1250	1.502894e+19	2020-08-11	0	0	1	A	16
## 1251	1.503088e+19	2020-08-18	0	0	1	A	37
## 1252	1.504266e+19	2020-08-17	0	0	2	A	0
## 1253	1.504655e+19	2020-08-18	0	0	27	A	52
## 1254	1.505748e+19	2020-08-11	0	0	8	A	62
## 1255	1.506565e+19	2020-08-19	0	0	2	E	0

##	1256	1.506878e+19	2020-08-13	0	0	1	A	15
##	1257	1.507223e+19	2020-08-11	0	0	2	A	92
##	1258	1.507539e+19	2020-08-17	0	0	62	<NA>	127
##	1259	1.507952e+19	2020-08-16	0	0	1	A	39
##	1260	1.508657e+19	2020-08-12	0	0	4	G	159
##	1261	1.509518e+19	2020-08-14	0	0	4	A	106
##	1262	1.509545e+19	2020-08-18	0	0	1	A	0
##	1263	1.509611e+19	2020-08-17	0	0	5	G	223
##	1264	1.509719e+19	2020-08-11	0	0	9	A	0
##	1265	1.510076e+19	2020-08-20	0	0	27	A	0
##	1266	1.511437e+19	2020-08-18	0	0	9	D	33
##	1267	1.511984e+19	2020-08-17	0	0	5	A	0
##	1268	1.512563e+19	2020-08-16	0	0	5	A	0
##	1269	1.512571e+19	2020-08-12	0	0	5	A	0
##	1270	1.513066e+19	2020-08-14	0	0	21	A	0
##	1271	1.513308e+18	2020-08-19	0	0	1	B	0
##	1272	1.513345e+19	2020-08-12	0	0	2	A	43
##	1273	1.514216e+19	2020-08-11	0	0	2	B	40
##	1274	1.514933e+19	2020-08-14	0	0	63	A	13
##	1275	1.515266e+19	2020-08-18	0	0	5	<NA>	0
##	1276	1.515310e+19	2020-08-14	0	0	1	A	62
##	1277	1.515335e+19	2020-08-19	0	0	1	<NA>	0
##	1278	1.515719e+19	2020-08-13	0	0	15	C	52
##	1279	1.515764e+19	2020-08-18	0	0	22	A	0
##	1280	1.516082e+19	2020-08-14	0	0	1	A	0
##	1281	1.516570e+19	2020-08-19	0	0	4	A	8
##	1282	1.516881e+19	2020-08-17	0	0	4	D	72
##	1283	1.517572e+19	2020-08-14	0	0	2	A	0
##	1284	1.518076e+19	2020-08-10	0	0	9	C	43
##	1285	1.518214e+19	2020-08-13	0	0	2	A	14
##	1286	1.518587e+19	2020-08-14	0	0	19	A	13
##	1287	1.518928e+19	2020-08-11	0	0	1	A	0
##	1288	1.519061e+19	2020-08-17	0	0	3	D	72
##	1289	1.519417e+19	2020-08-20	1	1569	47	A	0
##	1290	1.519570e+19	2020-08-10	0	0	16	D	55
##	1291	1.519680e+19	2020-08-13	0	0	15	A	67
##	1292	1.520046e+19	2020-08-15	0	0	4	B	0
##	1293	1.520584e+19	2020-08-15	0	0	4	C	81
##	1294	1.520690e+19	2020-08-17	0	0	3	A	0
##	1295	1.520829e+19	2020-08-12	0	0	6	A	0
##	1296	1.520848e+19	2020-08-17	0	0	1	A	0
##	1297	1.520966e+19	2020-08-14	0	0	1	E	0
##	1298	1.522328e+19	2020-08-16	0	0	4	C	208
##	1299	1.522592e+19	2020-08-10	0	0	2	A	17
##	1300	1.524427e+19	2020-08-19	0	0	5	A	101
##	1301	1.524473e+19	2020-08-17	0	0	1	E	0
##	1302	1.524528e+19	2020-08-17	0	0	2	A	53
##	1303	1.524734e+19	2020-08-19	0	0	6	A	0
##	1304	1.525275e+19	2020-08-18	0	0	8	C	0
##	1305	1.526029e+19	2020-08-14	0	0	4	E	0
##	1306	1.526928e+19	2020-08-11	0	0	39	B	0
##	1307	1.527300e+19	2020-08-14	0	0	5	C	13
##	1308	1.527365e+19	2020-08-18	0	0	2	A	52
##	1309	1.527494e+19	2020-08-20	0	0	7	C	117

##	1310	1.527682e+19	2020-08-11	0	0	1	A	0
##	1311	1.527703e+19	2020-08-19	0	0	9	C	32
##	1312	1.528704e+19	2020-08-19	0	0	9	<NA>	0
##	1313	1.529559e+19	2020-08-10	0	0	1	A	0
##	1314	1.529570e+19	2020-08-16	0	0	60	A	11
##	1315	1.529714e+19	2020-08-18	0	0	2	C	0
##	1316	1.530173e+19	2020-08-19	0	0	3	A	0
##	1317	1.530869e+19	2020-08-13	0	0	1	C	0
##	1318	1.531077e+19	2020-08-19	0	0	1	F	141
##	1319	1.531440e+19	2020-08-19	1	1499	25	A	36
##	1320	1.531485e+18	2020-08-16	0	0	2	A	0
##	1321	1.531529e+18	2020-08-18	0	0	14	A	52
##	1322	1.531840e+19	2020-08-19	0	0	13	D	0
##	1323	1.532469e+19	2020-08-19	0	0	6	D	0
##	1324	1.532703e+19	2020-08-16	0	0	13	A	0
##	1325	1.532822e+19	2020-08-13	0	0	13	C	81
##	1326	1.533865e+19	2020-08-10	0	0	9	D	0
##	1327	1.535239e+18	2020-08-19	0	0	6	A	30
##	1328	1.535331e+19	2020-08-20	0	0	4	A	0
##	1329	1.535523e+19	2020-08-17	0	0	3	A	0
##	1330	1.536180e+18	2020-08-11	0	0	1	A	16
##	1331	1.536589e+19	2020-08-12	0	0	2	A	15
##	1332	1.536925e+19	2020-08-12	0	0	32	A	16
##	1333	1.537053e+19	2020-08-19	0	0	41	B	32
##	1334	1.537071e+19	2020-08-10	0	0	9	C	17
##	1335	1.537567e+19	2020-08-13	0	0	20	A	14
##	1336	1.537740e+19	2020-08-17	0	0	1	A	141
##	1337	1.537985e+19	2020-08-10	0	0	6	A	0
##	1338	1.538085e+18	2020-08-13	0	0	1	A	65
##	1339	1.538413e+19	2020-08-14	0	0	16	C	0
##	1340	1.538475e+19	2020-08-16	0	0	1	A	54
##	1341	1.539735e+19	2020-08-14	0	0	12	C	0
##	1342	1.539788e+19	2020-08-15	0	0	2	A	31
##	1343	1.540569e+19	2020-08-17	0	0	21	C	166
##	1344	1.541256e+19	2020-08-18	0	0	9	G	153
##	1345	1.541312e+19	2020-08-15	0	0	3	A	0
##	1346	1.541353e+19	2020-08-10	0	0	3	D	81
##	1347	1.542684e+19	2020-08-10	0	0	3	A	45
##	1348	1.543048e+19	2020-08-15	0	0	62	A	13
##	1349	1.544019e+19	2020-08-12	0	0	1	A	0
##	1350	1.544290e+19	2020-08-10	0	0	18	D	81
##	1351	1.544595e+19	2020-08-20	0	0	6	B	0
##	1352	1.544653e+19	2020-08-10	0	0	2	A	0
##	1353	1.547244e+19	2020-08-11	0	0	11	A	109
##	1354	1.547246e+19	2020-08-15	0	0	4	B	0
##	1355	1.547768e+19	2020-08-19	0	0	1	E	0
##	1356	1.548169e+19	2020-08-13	0	0	6	D	52
##	1357	1.549119e+19	2020-08-14	0	0	2	B	75
##	1358	1.549910e+19	2020-08-17	0	0	6	A	38
##	1359	1.550265e+19	2020-08-18	0	0	29	<NA>	0
##	1360	1.552045e+19	2020-08-13	0	0	1	A	14
##	1361	1.552491e+19	2020-08-13	0	0	1	A	14
##	1362	1.552625e+18	2020-08-20	0	0	1	A	26
##	1363	1.553201e+19	2020-08-18	1	1529	39	A	0

##	1364	1.553966e+18	2020-08-18	1	1299	16	A	28
##	1365	1.554016e+19	2020-08-13	0	0	4	D	38
##	1366	1.554073e+19	2020-08-17	0	0	5	A	0
##	1367	1.554914e+19	2020-08-15	0	0	8	A	0
##	1368	1.554939e+19	2020-08-17	0	0	2	A	0
##	1369	1.555393e+19	2020-08-19	0	0	11	A	0
##	1370	1.555841e+19	2020-08-16	0	0	16	B	49
##	1371	1.556289e+19	2020-08-19	0	0	11	A	51
##	1372	1.556359e+19	2020-08-16	1	999	7	F	49
##	1373	1.556949e+19	2020-08-13	0	0	25	A	0
##	1374	1.558554e+18	2020-08-13	0	0	17	B	52
##	1375	1.559146e+19	2020-08-17	0	0	3	C	0
##	1376	1.559269e+19	2020-08-16	0	0	15	F	104
##	1377	1.559336e+19	2020-08-17	0	0	8	A	10
##	1378	1.559341e+19	2020-08-11	0	0	1	A	0
##	1379	1.560619e+19	2020-08-16	0	0	9	D	35
##	1380	1.560821e+19	2020-08-20	0	0	2	A	35
##	1381	1.561492e+19	2020-08-14	0	0	1	A	41
##	1382	1.561901e+19	2020-08-18	0	0	1	A	101
##	1383	1.562993e+19	2020-08-10	0	0	4	<NA>	17
##	1384	1.563278e+18	2020-08-16	0	0	7	A	0
##	1385	1.563400e+19	2020-08-10	0	0	16	F	0
##	1386	1.563711e+19	2020-08-11	0	0	17	D	0
##	1387	1.564170e+19	2020-08-20	0	0	3	B	0
##	1388	1.565191e+19	2020-08-16	0	0	14	F	0
##	1389	1.566284e+19	2020-08-12	0	0	22	D	53
##	1390	1.566571e+19	2020-08-12	0	0	16	B	0
##	1391	1.566629e+19	2020-08-14	0	0	6	A	0
##	1392	1.566948e+19	2020-08-13	0	0	1	A	0
##	1393	1.567341e+19	2020-08-16	0	0	3	D	65
##	1394	1.567427e+19	2020-08-13	0	0	11	A	65
##	1395	1.567556e+18	2020-08-17	0	0	18	A	0
##	1396	1.567615e+19	2020-08-20	0	0	54	C	208
##	1397	1.567968e+19	2020-08-13	0	0	1	A	16
##	1398	1.568608e+19	2020-08-18	0	0	2	A	0
##	1399	1.568806e+18	2020-08-14	0	0	3	D	95
##	1400	1.570357e+19	2020-08-16	0	0	6	C	0
##	1401	1.570687e+19	2020-08-17	0	0	5	<NA>	0
##	1402	1.571204e+19	2020-08-15	0	0	34	A	65
##	1403	1.571856e+19	2020-08-14	0	0	20	A	0
##	1404	1.572801e+19	2020-08-20	0	0	2	G	45
##	1405	1.572880e+19	2020-08-12	0	0	21	A	15
##	1406	1.573157e+19	2020-08-20	0	0	33	A	35
##	1407	1.573953e+19	2020-08-17	0	0	7	A	38
##	1408	1.574649e+18	2020-08-13	0	0	1	C	0
##	1409	1.575209e+19	2020-08-14	0	0	1	A	51
##	1410	1.576425e+19	2020-08-15	0	0	1	D	0
##	1411	1.577533e+18	2020-08-15	0	0	9	A	40
##	1412	1.577675e+19	2020-08-16	0	0	7	G	155
##	1413	1.578594e+18	2020-08-20	0	0	10	A	50
##	1414	1.579260e+19	2020-08-12	1	669	26	C	3
##	1415	1.580612e+19	2020-08-15	0	0	2	F	50
##	1416	1.581220e+18	2020-08-18	0	0	1	C	0
##	1417	1.581312e+19	2020-08-15	0	0	7	G	156

## 1418	1.581767e+19	2020-08-18	0	0	4	A	52
## 1419	1.582125e+19	2020-08-12	0	0	1	G	39
## 1420	1.582478e+19	2020-08-13	0	0	3	A	0
## 1421	1.582534e+19	2020-08-10	0	0	1	D	0
## 1422	1.582863e+19	2020-08-11	0	0	3	A	0
## 1423	1.584647e+19	2020-08-16	1	739	183	C	0
## 1424	1.584695e+19	2020-08-12	0	0	6	A	0
## 1425	1.585089e+18	2020-08-19	0	0	5	A	51
## 1426	1.585758e+19	2020-08-17	0	0	8	A	0
## 1427	1.585823e+19	2020-08-13	0	0	46	A	15
## 1428	1.586442e+19	2020-08-16	0	0	4	A	11
## 1429	1.586678e+18	2020-08-12	0	0	1	F	17
## 1430	1.586807e+18	2020-08-18	0	0	3	A	28
## 1431	1.586924e+19	2020-08-19	0	0	13	A	0
## 1432	1.587237e+19	2020-08-18	0	0	1	D	0
## 1433	1.587304e+19	2020-08-18	0	0	5	A	0
## 1434	1.587949e+19	2020-08-19	0	0	12	D	81
## 1435	1.588116e+19	2020-08-18	0	0	5	A	0
## 1436	1.588829e+19	2020-08-17	0	0	1	G	72
## 1437	1.588968e+19	2020-08-11	0	0	2	A	44
## 1438	1.588982e+19	2020-08-18	0	0	1	<NA>	0
## 1439	1.589044e+19	2020-08-16	0	0	6	A	0
## 1440	1.589257e+19	2020-08-12	0	0	1	A	17
## 1441	1.589468e+19	2020-08-10	0	0	4	D	43
## 1442	1.590179e+19	2020-08-17	0	0	8	B	34
## 1443	1.590327e+19	2020-08-11	0	0	44	A	0
## 1444	1.591271e+19	2020-08-10	0	0	2	A	19
## 1445	1.591273e+19	2020-08-12	0	0	6	C	59
## 1446	1.592413e+19	2020-08-15	1	899	24	C	0
## 1447	1.592476e+19	2020-08-17	0	0	2	D	32
## 1448	1.593123e+19	2020-08-11	0	0	1	A	0
## 1449	1.593317e+19	2020-08-17	0	0	1	A	29
## 1450	1.593906e+19	2020-08-11	0	0	9	C	208
## 1451	1.593961e+19	2020-08-16	0	0	16	D	33
## 1452	1.594223e+19	2020-08-11	0	0	1	A	44
## 1453	1.594241e+19	2020-08-12	0	0	1	A	91
## 1454	1.595126e+18	2020-08-12	0	0	30	B	0
## 1455	1.595971e+19	2020-08-19	0	0	2	A	8
## 1456	1.596202e+19	2020-08-17	0	0	3	F	32
## 1457	1.596589e+19	2020-08-17	0	0	2	B	0
## 1458	1.596746e+19	2020-08-15	0	0	1	A	65
## 1459	1.597726e+19	2020-08-13	0	0	1	A	62
## 1460	1.597820e+19	2020-08-15	0	0	48	A	0
## 1461	1.598939e+19	2020-08-15	0	0	2	A	0
## 1462	1.598956e+17	2020-08-14	0	0	12	A	0
## 1463	1.598971e+19	2020-08-14	0	0	1	<NA>	0
## 1464	1.599218e+19	2020-08-14	0	0	5	A	132
## 1465	1.599861e+18	2020-08-10	0	0	2	A	0
## 1466	1.600176e+19	2020-08-19	0	0	8	A	0
## 1467	1.600751e+19	2020-08-10	0	0	2	A	0
## 1468	1.602071e+19	2020-08-11	0	0	1	A	92
## 1469	1.602408e+19	2020-08-18	0	0	8	A	0
## 1470	1.602439e+19	2020-08-14	0	0	1	F	85
## 1471	1.602842e+19	2020-08-13	0	0	8	B	0

## 1472	1.604107e+19	2020-08-16	0	0	10	D	155
## 1473	1.604339e+19	2020-08-20	0	0	2	A	29
## 1474	1.604653e+19	2020-08-10	0	0	4	A	91
## 1475	1.605741e+19	2020-08-18	0	0	4	C	0
## 1476	1.605899e+19	2020-08-15	0	0	1	A	62
## 1477	1.606126e+19	2020-08-19	0	0	1	C	0
## 1478	1.606514e+19	2020-08-11	0	0	4	A	0
## 1479	1.606889e+19	2020-08-14	0	0	42	A	0
## 1480	1.607085e+17	2020-08-16	0	0	3	A	11
## 1481	1.607114e+19	2020-08-14	0	0	10	A	13
## 1482	1.607302e+19	2020-08-10	0	0	32	B	223
## 1483	1.608007e+19	2020-08-17	0	0	2	D	0
## 1484	1.608675e+19	2020-08-12	0	0	5	C	0
## 1485	1.609097e+19	2020-08-11	0	0	6	C	0
## 1486	1.610146e+19	2020-08-11	0	0	1	F	68
## 1487	1.610189e+19	2020-08-16	0	0	4	A	0
## 1488	1.610591e+19	2020-08-11	0	0	36	B	223
## 1489	1.610647e+19	2020-08-11	0	0	5	C	0
## 1490	1.611107e+19	2020-08-18	0	0	45	A	0
## 1491	1.611837e+19	2020-08-11	0	0	1	A	0
## 1492	1.611923e+18	2020-08-17	0	0	1	A	53
## 1493	1.612478e+19	2020-08-17	0	0	20	F	34
## 1494	1.612524e+19	2020-08-12	0	0	3	A	0
## 1495	1.613006e+19	2020-08-16	0	0	2	A	141
## 1496	1.613813e+19	2020-08-11	0	0	3	A	0
## 1497	1.614035e+19	2020-08-12	0	0	1	G	53
## 1498	1.614110e+19	2020-08-15	0	0	1	A	0
## 1499	1.614113e+19	2020-08-20	0	0	4	A	0
## 1500	1.614464e+19	2020-08-12	0	0	2	D	97
## 1501	1.615427e+19	2020-08-16	0	0	2	A	54
## 1502	1.615562e+19	2020-08-14	0	0	10	B	37
## 1503	1.615827e+19	2020-08-17	0	0	13	C	34
## 1504	1.616901e+19	2020-08-11	1	939	25	C	0
## 1505	1.616927e+18	2020-08-16	0	0	16	C	0
## 1506	1.616936e+19	2020-08-14	0	0	3	A	0
## 1507	1.618605e+19	2020-08-17	0	0	1	D	0
## 1508	1.619069e+19	2020-08-16	0	0	14	C	0
## 1509	1.621740e+19	2020-08-19	0	0	2	A	51
## 1510	1.622224e+19	2020-08-20	0	0	7	A	100
## 1511	1.622377e+19	2020-08-15	0	0	18	C	0
## 1512	1.622615e+19	2020-08-19	0	0	7	E	0
## 1513	1.623742e+19	2020-08-20	0	0	1	A	35
## 1514	1.624191e+19	2020-08-14	0	0	4	A	106
## 1515	1.624387e+19	2020-08-12	0	0	1	A	0
## 1516	1.624862e+18	2020-08-18	0	0	5	A	141
## 1517	1.625210e+19	2020-08-12	1	349	14	C	0
## 1518	1.625441e+19	2020-08-18	0	0	4	A	0
## 1519	1.625593e+19	2020-08-11	0	0	1	B	42
## 1520	1.625972e+19	2020-08-19	0	0	4	<NA>	27
## 1521	1.626102e+19	2020-08-14	0	0	6	C	208
## 1522	1.626190e+19	2020-08-15	0	0	1	F	141
## 1523	1.626431e+19	2020-08-17	0	0	1	A	0
## 1524	1.626511e+19	2020-08-15	0	0	8	D	108
## 1525	1.627465e+19	2020-08-19	0	0	5	A	36

## 1526	1.627495e+19	2020-08-18	0	0	6	C	71
## 1527	1.627528e+19	2020-08-19	0	0	1	G	32
## 1528	1.628010e+19	2020-08-10	0	0	10	F	55
## 1529	1.628755e+19	2020-08-20	0	0	4	A	0
## 1530	1.629157e+19	2020-08-16	0	0	18	C	49
## 1531	1.629238e+18	2020-08-12	0	0	6	A	0
## 1532	1.631268e+19	2020-08-20	0	0	3	C	69
## 1533	1.632382e+19	2020-08-19	0	0	4	F	77
## 1534	1.632636e+19	2020-08-12	0	0	1	F	87
## 1535	1.632685e+18	2020-08-18	0	0	8	A	37
## 1536	1.632900e+19	2020-08-13	0	0	8	C	208
## 1537	1.633072e+19	2020-08-15	0	0	33	A	12
## 1538	1.633174e+19	2020-08-14	0	0	3	A	65
## 1539	1.633801e+19	2020-08-12	0	0	14	A	0
## 1540	1.634706e+19	2020-08-16	0	0	41	A	12
## 1541	1.635516e+19	2020-08-20	0	0	6	G	31
## 1542	1.635657e+19	2020-08-17	0	0	4	D	72
## 1543	1.636419e+19	2020-08-15	0	0	10	A	65
## 1544	1.637044e+19	2020-08-17	0	0	4	A	53
## 1545	1.637469e+19	2020-08-12	0	0	20	B	0
## 1546	1.637761e+19	2020-08-19	1	419	12	A	30
## 1547	1.638137e+19	2020-08-12	0	0	3	A	43
## 1548	1.638194e+18	2020-08-19	0	0	4	A	0
## 1549	1.638795e+19	2020-08-13	0	0	5	A	0
## 1550	1.638891e+19	2020-08-11	0	0	6	A	0
## 1551	1.639102e+19	2020-08-20	0	0	5	A	29
## 1552	1.639259e+19	2020-08-14	0	0	12	C	2
## 1553	1.639854e+19	2020-08-16	0	0	1	A	141
## 1554	1.640095e+19	2020-08-16	0	0	3	A	54
## 1555	1.640559e+19	2020-08-11	0	0	3	A	18
## 1556	1.641893e+19	2020-08-20	0	0	3	C	0
## 1557	1.643669e+19	2020-08-17	0	0	33	A	0
## 1558	1.644820e+19	2020-08-20	0	0	1	G	69
## 1559	1.645346e+19	2020-08-12	0	0	5	C	53
## 1560	1.645430e+19	2020-08-13	0	0	17	B	2
## 1561	1.645972e+19	2020-08-16	0	0	2	C	0
## 1562	1.646484e+19	2020-08-11	0	0	3	B	0
## 1563	1.647102e+19	2020-08-15	0	0	42	B	50
## 1564	1.647105e+19	2020-08-12	0	0	8	F	0
## 1565	1.647389e+18	2020-08-14	0	0	2	A	0
## 1566	1.648130e+19	2020-08-20	0	0	1	A	26
## 1567	1.648348e+19	2020-08-14	0	0	21	A	0
## 1568	1.648369e+19	2020-08-18	0	0	8	A	37
## 1569	1.648648e+19	2020-08-16	0	0	12	A	0
## 1570	1.649819e+19	2020-08-12	0	0	18	B	3
## 1571	1.650575e+19	2020-08-16	0	0	13	C	55
## 1572	1.650690e+19	2020-08-19	0	0	1	A	51
## 1573	1.652028e+19	2020-08-16	0	0	3	A	30
## 1574	1.652273e+19	2020-08-14	0	0	17	F	0
## 1575	1.652555e+19	2020-08-11	1	599	47	C	42
## 1576	1.654323e+19	2020-08-20	0	0	3	A	0
## 1577	1.654952e+19	2020-08-19	0	0	15	B	62
## 1578	1.655350e+19	2020-08-20	0	0	8	A	35
## 1579	1.655431e+19	2020-08-18	0	0	50	F	47

## 1580	1.655993e+19	2020-08-12	0	0	1	D	59
## 1581	1.656561e+19	2020-08-16	0	0	4	A	30
## 1582	1.656805e+19	2020-08-14	0	0	7	A	0
## 1583	1.657429e+19	2020-08-18	0	0	3	E	128
## 1584	1.658182e+19	2020-08-20	0	0	1	A	0
## 1585	1.658735e+19	2020-08-19	0	0	4	A	0
## 1586	1.659340e+19	2020-08-14	0	0	2	A	65
## 1587	1.659649e+19	2020-08-18	0	0	3	C	9
## 1588	1.659930e+19	2020-08-18	0	0	2	C	9
## 1589	1.660231e+19	2020-08-18	0	0	5	A	9
## 1590	1.660727e+19	2020-08-19	0	0	1	A	36
## 1591	1.661418e+19	2020-08-14	0	0	2	A	15
## 1592	1.661476e+19	2020-08-16	0	0	10	A	62
## 1593	1.661502e+19	2020-08-19	0	0	17	A	0
## 1594	1.662696e+19	2020-08-19	0	0	4	D	0
## 1595	1.662800e+19	2020-08-14	0	0	7	B	57
## 1596	1.662881e+19	2020-08-14	0	0	2	D	51
## 1597	1.663644e+18	2020-08-19	0	0	2	A	0
## 1598	1.664446e+19	2020-08-11	0	0	2	A	62
## 1599	1.664977e+19	2020-08-14	0	0	2	B	141
## 1600	1.665202e+19	2020-08-12	0	0	11	A	89
## 1601	1.665244e+19	2020-08-17	0	0	17	<NA>	0
## 1602	1.665333e+19	2020-08-13	0	0	1	A	0
## 1603	1.665636e+19	2020-08-20	0	0	7	A	35
## 1604	1.665862e+19	2020-08-11	0	0	1	F	44
## 1605	1.666383e+19	2020-08-16	0	0	1	<NA>	0
## 1606	1.666812e+19	2020-08-19	0	0	3	A	0
## 1607	1.667138e+19	2020-08-18	0	0	16	A	52
## 1608	1.667336e+19	2020-08-17	0	0	3	A	141
## 1609	1.667548e+19	2020-08-18	0	0	8	A	0
## 1610	1.667659e+19	2020-08-11	0	0	3	E	0
## 1611	1.667861e+19	2020-08-12	0	0	4	A	15
## 1612	1.668526e+19	2020-08-14	0	0	5	A	0
## 1613	1.669149e+19	2020-08-12	0	0	68	A	0
## 1614	1.669781e+19	2020-08-20	0	0	3	A	0
## 1615	1.670078e+19	2020-08-12	0	0	8	A	0
## 1616	1.670259e+19	2020-08-11	3	2217	153	C	0
## 1617	1.670451e+19	2020-08-11	0	0	30	A	92
## 1618	1.671670e+19	2020-08-10	0	0	10	A	45
## 1619	1.672439e+19	2020-08-15	0	0	2	D	65
## 1620	1.672465e+17	2020-08-10	0	0	1	A	0
## 1621	1.672972e+19	2020-08-15	0	0	2	B	0
## 1622	1.673521e+19	2020-08-17	0	0	1	E	0
## 1623	1.673758e+19	2020-08-15	0	0	2	G	0
## 1624	1.675124e+18	2020-08-20	0	0	5	<NA>	81
## 1625	1.675450e+19	2020-08-11	0	0	2	D	0
## 1626	1.676388e+19	2020-08-19	0	0	4	A	0
## 1627	1.676416e+19	2020-08-12	0	0	12	C	39
## 1628	1.676688e+19	2020-08-19	1	1149	28	A	0
## 1629	1.677468e+19	2020-08-15	0	0	25	C	0
## 1630	1.678531e+19	2020-08-19	0	0	1	A	36
## 1631	1.679721e+19	2020-08-16	0	0	14	<NA>	0
## 1632	1.679752e+19	2020-08-11	0	0	10	A	0
## 1633	1.680498e+19	2020-08-20	0	0	40	A	26

## 1634	1.680520e+19	2020-08-19	0	0	11	A	0
## 1635	1.680663e+19	2020-08-17	0	0	3	A	38
## 1636	1.681295e+19	2020-08-17	0	0	23	C	0
## 1637	1.681904e+19	2020-08-20	0	0	4	A	0
## 1638	1.682205e+18	2020-08-19	0	0	7	A	0
## 1639	1.682406e+19	2020-08-19	0	0	1	A	30
## 1640	1.683146e+19	2020-08-12	0	0	1	<NA>	0
## 1641	1.683508e+19	2020-08-19	0	0	4	A	51
## 1642	1.683530e+19	2020-08-14	0	0	4	D	157
## 1643	1.684081e+19	2020-08-19	0	0	2	E	0
## 1644	1.684298e+19	2020-08-10	0	0	1	C	0
## 1645	1.684729e+19	2020-08-14	0	0	2	A	87
## 1646	1.686156e+19	2020-08-10	0	0	1	A	0
## 1647	1.686357e+19	2020-08-14	0	0	28	B	223
## 1648	1.686402e+19	2020-08-20	0	0	4	B	81
## 1649	1.686481e+19	2020-08-19	0	0	14	C	0
## 1650	1.686587e+19	2020-08-14	0	0	1	A	41
## 1651	1.687220e+19	2020-08-20	0	0	6	A	0
## 1652	1.687326e+19	2020-08-15	0	0	4	D	0
## 1653	1.687836e+19	2020-08-18	0	0	3	A	0
## 1654	1.687942e+19	2020-08-12	0	0	4	D	159
## 1655	1.688494e+19	2020-08-11	0	0	25	F	40
## 1656	1.688865e+19	2020-08-18	0	0	4	<NA>	81
## 1657	1.689405e+19	2020-08-10	0	0	12	B	0
## 1658	1.689650e+19	2020-08-11	0	0	4	D	0
## 1659	1.690245e+19	2020-08-18	0	0	2	F	31
## 1660	1.690344e+19	2020-08-17	0	0	65	A	53
## 1661	1.690604e+19	2020-08-19	0	0	1	A	51
## 1662	1.691246e+19	2020-08-16	0	0	61	A	54
## 1663	1.691554e+19	2020-08-20	0	0	5	A	8
## 1664	1.692214e+19	2020-08-13	0	0	3	G	52
## 1665	1.692526e+19	2020-08-11	0	0	7	A	0
## 1666	1.693342e+18	2020-08-16	0	0	30	A	12
## 1667	1.693610e+19	2020-08-18	0	0	3	A	0
## 1668	1.693628e+19	2020-08-12	0	0	48	A	43
## 1669	1.693815e+19	2020-08-13	0	0	1	E	0
## 1670	1.694439e+19	2020-08-18	0	0	1	B	141
## 1671	1.695853e+19	2020-08-17	0	0	1	A	11
## 1672	1.695901e+19	2020-08-20	0	0	2	C	45
## 1673	1.695935e+19	2020-08-19	0	0	1	G	70
## 1674	1.696841e+19	2020-08-20	0	0	3	G	45
## 1675	1.697080e+19	2020-08-13	0	0	9	C	208
## 1676	1.697915e+19	2020-08-19	0	0	2	A	141
## 1677	1.698180e+19	2020-08-11	0	0	2	A	44
## 1678	1.698493e+18	2020-08-15	0	0	1	A	31
## 1679	1.698783e+19	2020-08-14	0	0	1	A	0
## 1680	1.698791e+19	2020-08-14	0	0	4	A	62
## 1681	1.698902e+19	2020-08-16	0	0	10	A	30
## 1682	1.699739e+19	2020-08-13	0	0	6	C	81
## 1683	1.699742e+19	2020-08-10	0	0	27	A	0
## 1684	1.701793e+19	2020-08-20	0	0	16	A	0
## 1685	1.701827e+19	2020-08-20	0	0	1	A	8
## 1686	1.701926e+19	2020-08-20	0	0	1	B	0
## 1687	1.702531e+19	2020-08-20	0	0	1	A	0

## 1688	1.703513e+19	2020-08-17	0	0	3	A	0
## 1689	1.703617e+19	2020-08-19	0	0	1	A	51
## 1690	1.704371e+19	2020-08-18	0	0	2	A	0
## 1691	1.704372e+19	2020-08-12	0	0	26	C	0
## 1692	1.704673e+19	2020-08-10	0	0	10	<NA>	0
## 1693	1.704720e+19	2020-08-17	0	0	56	A	29
## 1694	1.705137e+19	2020-08-13	0	0	8	A	42
## 1695	1.707267e+19	2020-08-11	0	0	27	C	0
## 1696	1.708112e+19	2020-08-18	1	1269	5	G	33
## 1697	1.708126e+19	2020-08-17	0	0	9	A	62
## 1698	1.708173e+19	2020-08-14	0	0	2	A	13
## 1699	1.708262e+19	2020-08-15	0	0	11	A	40
## 1700	1.708508e+19	2020-08-17	0	0	1	D	141
## 1701	1.708654e+19	2020-08-13	0	0	1	A	0
## 1702	1.708758e+19	2020-08-19	0	0	9	G	46
## 1703	1.708894e+19	2020-08-11	0	0	4	C	0
## 1704	1.709348e+19	2020-08-20	0	0	12	G	69
## 1705	1.709932e+19	2020-08-20	0	0	31	A	50
## 1706	1.710818e+19	2020-08-13	0	0	2	D	87
## 1707	1.711783e+19	2020-08-10	0	0	2	A	45
## 1708	1.711840e+18	2020-08-16	0	0	2	D	0
## 1709	1.712892e+19	2020-08-13	0	0	1	A	16
## 1710	1.713684e+19	2020-08-15	0	0	4	A	65
## 1711	1.714708e+18	2020-08-17	0	0	22	A	38
## 1712	1.715343e+19	2020-08-14	0	0	1	D	86
## 1713	1.715723e+18	2020-08-11	0	0	2	A	18
## 1714	1.716085e+19	2020-08-11	0	0	8	G	54
## 1715	1.716984e+19	2020-08-13	0	0	6	G	208
## 1716	1.717016e+19	2020-08-18	0	0	3	D	33
## 1717	1.717772e+19	2020-08-10	0	0	1	A	141
## 1718	1.718602e+19	2020-08-13	0	0	6	A	0
## 1719	1.719464e+19	2020-08-16	0	0	1	B	0
## 1720	1.719880e+19	2020-08-19	0	0	4	A	30
## 1721	1.719972e+19	2020-08-18	1	796	2	D	0
## 1722	1.720956e+19	2020-08-13	0	0	1	A	16
## 1723	1.721119e+19	2020-08-11	0	0	30	A	0
## 1724	1.721565e+19	2020-08-14	0	0	16	C	13
## 1725	1.722431e+18	2020-08-14	0	0	14	C	37
## 1726	1.724379e+19	2020-08-12	0	0	1	A	108
## 1727	1.724682e+19	2020-08-15	0	0	11	A	65
## 1728	1.724841e+19	2020-08-19	0	0	5	E	9
## 1729	1.725135e+19	2020-08-15	0	0	7	A	12
## 1730	1.725328e+19	2020-08-17	0	0	1	F	32
## 1731	1.725383e+19	2020-08-12	0	0	7	E	0
## 1732	1.725431e+19	2020-08-19	0	0	9	D	70
## 1733	1.725672e+19	2020-08-18	0	0	1	A	28
## 1734	1.725884e+19	2020-08-16	0	0	1	A	39
## 1735	1.726870e+19	2020-08-18	0	0	4	D	0
## 1736	1.727570e+19	2020-08-20	0	0	4	A	50
## 1737	1.728180e+19	2020-08-20	0	0	39	C	0
## 1738	1.728663e+19	2020-08-11	0	0	3	A	0
## 1739	1.728929e+19	2020-08-15	0	0	2	A	14
## 1740	1.729646e+18	2020-08-18	0	0	8	F	78
## 1741	1.729681e+19	2020-08-13	0	0	4	<NA>	14

## 1742	1.730425e+19	2020-08-19	0	0	59	A	0
## 1743	1.730696e+19	2020-08-16	0	0	2	A	39
## 1744	1.730794e+19	2020-08-15	0	0	6	G	108
## 1745	1.730946e+19	2020-08-10	0	0	2	D	0
## 1746	1.730952e+19	2020-08-12	0	0	5	C	53
## 1747	1.731135e+19	2020-08-19	0	0	14	F	46
## 1748	1.731181e+18	2020-08-18	0	0	65	A	52
## 1749	1.731574e+19	2020-08-17	0	0	8	C	81
## 1750	1.731879e+19	2020-08-10	0	0	16	B	41
## 1751	1.731993e+19	2020-08-15	0	0	3	A	131
## 1752	1.733195e+19	2020-08-19	0	0	6	B	81
## 1753	1.733653e+19	2020-08-15	0	0	2	A	0
## 1754	1.734331e+19	2020-08-16	0	0	1	A	0
## 1755	1.734802e+19	2020-08-20	0	0	5	A	26
## 1756	1.735589e+19	2020-08-11	0	0	66	A	90
## 1757	1.735841e+19	2020-08-10	1	1149	32	A	0
## 1758	1.736074e+19	2020-08-14	0	0	19	C	57
## 1759	1.736793e+19	2020-08-18	0	0	2	A	31
## 1760	1.736964e+19	2020-08-10	0	0	27	A	17
## 1761	1.738181e+19	2020-08-12	0	0	3	C	0
## 1762	1.738383e+19	2020-08-14	0	0	2	B	37
## 1763	1.738729e+19	2020-08-18	0	0	1	A	0
## 1764	1.739460e+19	2020-08-10	0	0	7	F	0
## 1765	1.739639e+19	2020-08-19	0	0	5	A	27
## 1766	1.741393e+19	2020-08-15	0	0	17	G	156
## 1767	1.742790e+19	2020-08-14	0	0	5	D	41
## 1768	1.743300e+19	2020-08-12	0	0	12	A	15
## 1769	1.743637e+19	2020-08-14	0	0	2	D	0
## 1770	1.743656e+19	2020-08-15	0	0	6	A	0
## 1771	1.743743e+19	2020-08-18	0	0	10	A	0
## 1772	1.744208e+19	2020-08-11	0	0	4	A	0
## 1773	1.744248e+19	2020-08-16	0	0	23	A	54
## 1774	1.745681e+19	2020-08-18	0	0	13	C	0
## 1775	1.746410e+19	2020-08-15	0	0	12	C	50
## 1776	1.746815e+19	2020-08-16	0	0	5	G	84
## 1777	1.749294e+19	2020-08-19	0	0	10	A	70
## 1778	1.749354e+19	2020-08-10	0	0	14	A	43
## 1779	1.750197e+19	2020-08-14	0	0	28	A	14
## 1780	1.750368e+19	2020-08-15	0	0	1	A	50
## 1781	1.750462e+19	2020-08-11	0	0	5	A	135
## 1782	1.750601e+19	2020-08-18	0	0	6	<NA>	81
## 1783	1.750912e+19	2020-08-17	0	0	3	D	0
## 1784	1.750946e+18	2020-08-13	0	0	7	<NA>	2
## 1785	1.752572e+17	2020-08-12	0	0	8	C	0
## 1786	1.752899e+19	2020-08-17	0	0	4	A	32
## 1787	1.753161e+19	2020-08-20	0	0	1	A	0
## 1788	1.753443e+18	2020-08-15	0	0	3	A	12
## 1789	1.753651e+19	2020-08-17	0	0	5	D	0
## 1790	1.753708e+19	2020-08-13	0	0	1	A	0
## 1791	1.754323e+19	2020-08-13	0	0	4	A	0
## 1792	1.755425e+19	2020-08-16	0	0	37	B	35
## 1793	1.755736e+19	2020-08-15	0	0	3	<NA>	81
## 1794	1.755803e+19	2020-08-17	0	0	60	B	34
## 1795	1.755839e+19	2020-08-20	0	0	1	A	35

##	1796	1.756981e+19	2020-08-12	0	0	5	A	0
##	1797	1.758122e+19	2020-08-18	0	0	6	A	0
##	1798	1.758223e+18	2020-08-20	0	0	10	C	81
##	1799	1.758723e+19	2020-08-16	0	0	5	G	35
##	1800	1.759129e+18	2020-08-19	0	0	6	A	127
##	1801	1.759520e+18	2020-08-17	0	0	5	C	0
##	1802	1.760415e+19	2020-08-11	0	0	6	D	40
##	1803	1.761692e+19	2020-08-13	0	0	11	C	0
##	1804	1.761742e+19	2020-08-10	0	0	1	A	0
##	1805	1.762288e+19	2020-08-10	0	0	1	A	19
##	1806	1.763064e+19	2020-08-20	0	0	14	C	0
##	1807	1.763451e+19	2020-08-19	0	0	1	A	8
##	1808	1.763611e+19	2020-08-16	0	0	1	A	49
##	1809	1.764015e+19	2020-08-17	0	0	2	C	0
##	1810	1.764591e+19	2020-08-20	0	0	1	A	0
##	1811	1.765670e+19	2020-08-13	0	0	2	G	52
##	1812	1.766378e+19	2020-08-10	0	0	16	A	141
##	1813	1.766624e+19	2020-08-13	0	0	13	A	0
##	1814	1.768223e+19	2020-08-16	0	0	30	C	81
##	1815	1.768657e+19	2020-08-20	0	0	26	B	62
##	1816	1.768921e+19	2020-08-11	0	0	12	A	16
##	1817	1.769024e+19	2020-08-10	0	0	1	A	17
##	1818	1.769896e+19	2020-08-10	0	0	3	A	18
##	1819	1.769932e+19	2020-08-12	0	0	4	B	0
##	1820	1.770017e+19	2020-08-20	0	0	1	A	7
##	1821	1.770187e+19	2020-08-11	0	0	4	F	0
##	1822	1.770314e+19	2020-08-11	0	0	5	A	0
##	1823	1.770802e+19	2020-08-20	0	0	6	C	0
##	1824	1.771724e+18	2020-08-20	0	0	2	A	0
##	1825	1.772106e+19	2020-08-17	0	0	1	A	29
##	1826	1.772221e+19	2020-08-16	0	0	28	F	35
##	1827	1.772664e+19	2020-08-13	0	0	1	A	0
##	1828	1.772875e+19	2020-08-18	0	0	7	A	37
##	1829	1.773625e+19	2020-08-11	0	0	3	A	109
##	1830	1.773884e+19	2020-08-13	0	0	2	A	0
##	1831	1.774887e+18	2020-08-15	0	0	3	A	105
##	1832	1.775795e+19	2020-08-19	0	0	12	A	51
##	1833	1.777010e+19	2020-08-16	0	0	3	E	0
##	1834	1.777518e+19	2020-08-15	0	0	5	A	0
##	1835	1.777750e+18	2020-08-13	0	0	35	A	0
##	1836	1.778964e+19	2020-08-18	0	0	1	G	223
##	1837	1.779287e+19	2020-08-17	0	0	7	A	29
##	1838	1.779969e+19	2020-08-16	0	0	13	A	0
##	1839	1.779986e+19	2020-08-17	0	0	2	A	0
##	1840	1.780107e+19	2020-08-12	0	0	3	G	53
##	1841	1.780213e+19	2020-08-17	0	0	3	A	0
##	1842	1.783061e+19	2020-08-15	0	0	4	A	14
##	1843	1.783219e+19	2020-08-13	1	2029	2	A	42
##	1844	1.783425e+19	2020-08-16	0	0	3	A	54
##	1845	1.785300e+19	2020-08-19	1	1929	14	A	27
##	1846	1.785371e+19	2020-08-15	0	0	3	A	12
##	1847	1.785830e+19	2020-08-17	0	0	53	A	0
##	1848	1.787131e+19	2020-08-10	0	0	15	A	136
##	1849	1.787639e+18	2020-08-18	0	0	7	A	71

## 1850	1.787639e+19	2020-08-16	0	0	17	F	0
## 1851	1.788311e+19	2020-08-12	0	0	1	<NA>	15
## 1852	1.788726e+19	2020-08-11	0	0	5	G	81
## 1853	1.789172e+19	2020-08-20	0	0	48	A	50
## 1854	1.789198e+19	2020-08-14	0	0	6	A	62
## 1855	1.789500e+19	2020-08-18	0	0	2	A	52
## 1856	1.790746e+19	2020-08-18	0	0	16	B	223
## 1857	1.791466e+19	2020-08-15	0	0	2	A	0
## 1858	1.791653e+19	2020-08-19	0	0	3	A	141
## 1859	1.791929e+19	2020-08-10	0	0	9	A	17
## 1860	1.792347e+19	2020-08-12	0	0	1	A	89
## 1861	1.793111e+19	2020-08-15	0	0	1	A	0
## 1862	1.793530e+18	2020-08-20	0	0	1	A	35
## 1863	1.793594e+19	2020-08-20	0	0	27	A	0
## 1864	1.794280e+19	2020-08-20	0	0	2	A	50
## 1865	1.794619e+19	2020-08-19	0	0	12	D	152
## 1866	1.794856e+18	2020-08-15	0	0	12	F	0
## 1867	1.795148e+18	2020-08-13	0	0	43	C	208
## 1868	1.795234e+19	2020-08-11	0	0	4	A	0
## 1869	1.795946e+19	2020-08-18	0	0	61	A	28
## 1870	1.796195e+18	2020-08-10	0	0	7	C	43
## 1871	1.796780e+18	2020-08-11	1	669	39	C	4
## 1872	1.797042e+18	2020-08-15	0	0	1	A	0
## 1873	1.797588e+19	2020-08-18	0	0	6	A	0
## 1874	1.797935e+19	2020-08-13	0	0	33	A	0
## 1875	1.798459e+19	2020-08-20	0	0	1	A	50
## 1876	1.799005e+19	2020-08-20	0	0	4	A	29
## 1877	1.799320e+19	2020-08-12	0	0	1	D	0
## 1878	1.799459e+19	2020-08-11	0	0	37	A	0
## 1879	1.799959e+19	2020-08-10	0	0	4	A	0
## 1880	1.801048e+18	2020-08-15	0	0	8	B	50
## 1881	1.801190e+19	2020-08-20	0	0	2	D	69
## 1882	1.802045e+19	2020-08-15	0	0	5	A	65
## 1883	1.802143e+18	2020-08-15	0	0	3	A	0
## 1884	1.802161e+19	2020-08-12	0	0	5	A	0
## 1885	1.804087e+19	2020-08-16	0	0	1	A	103
## 1886	1.804861e+19	2020-08-15	0	0	8	A	40
## 1887	1.805154e+19	2020-08-19	0	0	7	A	127
## 1888	1.805566e+19	2020-08-14	0	0	4	G	157
## 1889	1.805665e+19	2020-08-15	0	0	2	E	0
## 1890	1.805897e+18	2020-08-18	0	0	5	C	0
## 1891	1.806104e+19	2020-08-13	0	0	13	C	2
## 1892	1.806123e+19	2020-08-15	0	0	17	A	0
## 1893	1.806593e+19	2020-08-14	0	0	7	A	0
## 1894	1.808230e+19	2020-08-10	0	0	1	A	91
## 1895	1.808456e+19	2020-08-16	0	0	12	C	35
## 1896	1.809749e+17	2020-08-10	0	0	10	D	0
## 1897	1.809908e+19	2020-08-10	0	0	15	B	41
## 1898	1.810372e+19	2020-08-11	0	0	2	G	223
## 1899	1.810749e+19	2020-08-12	0	0	11	<NA>	3
## 1900	1.811348e+19	2020-08-20	0	0	4	A	0
## 1901	1.811353e+19	2020-08-13	0	0	7	A	0
## 1902	1.811509e+19	2020-08-12	0	0	11	B	39
## 1903	1.811612e+19	2020-08-17	0	0	4	A	38

##	1904	1.811748e+19	2020-08-20	0	0	2	A	0
##	1905	1.811791e+19	2020-08-11	0	0	7	A	18
##	1906	1.811831e+19	2020-08-14	0	0	5	A	0
##	1907	1.811892e+19	2020-08-12	0	0	1	D	0
##	1908	1.811941e+19	2020-08-19	0	0	8	B	0
##	1909	1.813584e+19	2020-08-12	0	0	19	A	0
##	1910	1.814758e+19	2020-08-18	0	0	22	A	52
##	1911	1.814847e+19	2020-08-17	0	0	2	A	38
##	1912	1.815054e+19	2020-08-16	0	0	1	A	12
##	1913	1.815606e+18	2020-08-14	0	0	3	A	65
##	1914	1.815662e+19	2020-08-15	0	0	2	A	0
##	1915	1.815950e+19	2020-08-11	0	0	11	A	0
##	1916	1.816713e+19	2020-08-17	0	0	22	A	29
##	1917	1.816940e+19	2020-08-17	0	0	20	B	34
##	1918	1.817720e+19	2020-08-12	0	0	3	A	134
##	1919	1.818185e+19	2020-08-17	0	0	2	A	72
##	1920	1.818824e+19	2020-08-17	0	0	15	A	0
##	1921	1.818867e+19	2020-08-14	0	0	3	A	41
##	1922	1.819199e+19	2020-08-13	0	0	1	A	42
##	1923	1.821195e+19	2020-08-20	0	0	28	B	62
##	1924	1.822136e+19	2020-08-15	0	0	2	B	56
##	1925	1.822226e+19	2020-08-19	0	0	1	A	0
##	1926	1.822729e+19	2020-08-11	0	0	1	A	16
##	1927	1.824518e+19	2020-08-14	0	0	4	E	0
##	1928	1.825016e+19	2020-08-12	0	0	9	B	0
##	1929	1.826257e+19	2020-08-10	0	0	75	A	91
##	1930	1.826680e+19	2020-08-18	0	0	1	D	82
##	1931	1.826895e+19	2020-08-12	0	0	12	D	39
##	1932	1.827078e+19	2020-08-13	0	0	2	D	65
##	1933	1.827252e+19	2020-08-12	0	0	1	A	43
##	1934	1.827468e+19	2020-08-12	0	0	1	A	91
##	1935	1.827991e+18	2020-08-16	0	0	7	C	49
##	1936	1.828869e+19	2020-08-11	0	0	2	D	65
##	1937	1.829435e+19	2020-08-12	0	0	7	C	59
##	1938	1.829669e+19	2020-08-15	0	0	1	A	12
##	1939	1.830127e+19	2020-08-11	0	0	25	G	54
##	1940	1.830270e+19	2020-08-14	0	0	9	A	0
##	1941	1.830276e+19	2020-08-16	0	0	2	A	33
##	1942	1.830281e+19	2020-08-14	0	0	5	A	14
##	1943	1.831398e+19	2020-08-13	0	0	12	A	0
##	1944	1.831851e+19	2020-08-17	0	0	2	A	0
##	1945	1.832349e+19	2020-08-10	0	0	2	A	91
##	1946	1.832397e+19	2020-08-10	0	0	8	A	110
##	1947	1.832918e+19	2020-08-17	0	0	10	A	0
##	1948	1.832946e+19	2020-08-15	0	0	5	A	0
##	1949	1.833229e+19	2020-08-13	0	0	1	B	141
##	1950	1.834199e+18	2020-08-15	0	0	4	A	62
##	1951	1.835426e+19	2020-08-19	0	0	11	C	70
##	1952	1.835750e+19	2020-08-19	0	0	5	C	70
##	1953	1.836754e+19	2020-08-17	1	1799	8	A	10
##	1954	1.836966e+19	2020-08-17	0	0	6	C	208
##	1955	1.836996e+18	2020-08-17	0	0	1	A	53
##	1956	1.837043e+19	2020-08-12	0	0	2	A	0
##	1957	1.837085e+19	2020-08-18	0	0	3	D	0

##	1958	1.837427e+19	2020-08-15	0	0	5	A	65
##	1959	1.837680e+19	2020-08-16	0	0	16	B	35
##	1960	1.838167e+19	2020-08-20	0	0	15	D	29
##	1961	1.838368e+19	2020-08-10	0	0	1	A	0
##	1962	1.839675e+19	2020-08-16	0	0	7	A	0
##	1963	1.840319e+19	2020-08-12	0	0	5	A	108
##	1964	1.840398e+19	2020-08-16	0	0	3	B	0
##	1965	1.840933e+19	2020-08-15	0	0	2	G	36
##	1966	1.841035e+19	2020-08-12	0	0	4	C	208
##	1967	1.841957e+19	2020-08-20	0	0	32	C	26
##	1968	1.842094e+19	2020-08-19	0	0	2	A	0
##	1969	1.842144e+19	2020-08-10	0	0	2	B	79
##	1970	1.843930e+19	2020-08-12	0	0	1	D	81
##	1971	1.844110e+19	2020-08-17	1	1339	12	G	72
##	1972	1.846093e+18	2020-08-17	0	0	54	A	0
##	1973	1.856906e+18	2020-08-13	0	0	10	A	16
##	1974	1.857100e+18	2020-08-11	0	0	5	B	40
##	1975	1.857462e+18	2020-08-11	0	0	5	B	208
##	1976	1.862611e+18	2020-08-10	0	0	13	D	100
##	1977	1.864081e+18	2020-08-12	0	0	1	A	0
##	1978	1.865410e+18	2020-08-15	0	0	2	A	0
##	1979	1.875881e+18	2020-08-20	0	0	3	A	26
##	1980	1.883947e+18	2020-08-10	0	0	2	A	0
##	1981	1.891443e+18	2020-08-16	0	0	10	A	0
##	1982	1.894905e+18	2020-08-16	0	0	1	A	0
##	1983	1.895888e+17	2020-08-11	0	0	3	A	0
##	1984	1.897011e+18	2020-08-18	0	0	36	A	0
##	1985	1.898465e+18	2020-08-14	0	0	1	A	132
##	1986	1.898746e+18	2020-08-13	0	0	1	A	0
##	1987	1.901681e+18	2020-08-14	0	0	1	F	15
##	1988	1.907724e+17	2020-08-16	0	0	6	A	54
##	1989	1.915457e+18	2020-08-16	0	0	3	C	0
##	1990	1.930714e+18	2020-08-18	0	0	7	D	65
##	1991	1.931236e+18	2020-08-13	0	0	24	A	0
##	1992	1.932755e+18	2020-08-13	0	0	3	B	208
##	1993	1.941531e+18	2020-08-20	0	0	2	B	69
##	1994	1.944990e+18	2020-08-17	0	0	48	F	34
##	1995	1.961767e+18	2020-08-12	0	0	2	A	91
##	1996	1.962205e+17	2020-08-20	0	0	10	D	0
##	1997	1.969823e+18	2020-08-11	0	0	2	C	0
##	1998	1.973436e+18	2020-08-16	0	0	23	C	35
##	1999	1.983784e+18	2020-08-14	0	0	8	A	0
##	2000	1.986991e+18	2020-08-11	0	0	8	C	0
##	2001	1.988789e+17	2020-08-19	0	0	1	A	0
##	2002	1.990561e+18	2020-08-14	0	0	4	A	41
##	2003	1.991598e+18	2020-08-18	1	989	48	A	0
##	2004	1.999106e+18	2020-08-18	0	0	2	D	0
##	2005	2.398917e+18	2020-08-13	0	0	7	B	38
##	2006	2.454450e+18	2020-08-14	0	0	3	A	0
##	2007	2.964428e+18	2020-08-16	0	0	22	A	39
##	2008	2.003800e+18	2020-08-18	0	0	14	C	33
##	2009	2.006410e+18	2020-08-18	0	0	2	A	0
##	2010	2.006415e+18	2020-08-16	0	0	1	A	33
##	2011	2.009111e+18	2020-08-19	0	0	4	A	27

##	2012	2.019067e+18	2020-08-20	0	0	5	B	69
##	2013	2.028069e+18	2020-08-14	0	0	3	A	62
##	2014	2.028259e+18	2020-08-17	0	0	4	A	0
##	2015	2.033801e+18	2020-08-20	0	0	4	C	31
##	2016	2.034863e+16	2020-08-17	0	0	3	C	72
##	2017	2.036459e+18	2020-08-12	0	0	1	A	15
##	2018	2.037812e+18	2020-08-20	0	0	1	A	50
##	2019	2.039611e+18	2020-08-11	1	599	34	B	40
##	2020	2.043822e+18	2020-08-13	0	0	7	D	81
##	2021	2.046883e+18	2020-08-18	0	0	31	A	0
##	2022	2.048152e+18	2020-08-12	0	0	2	A	0
##	2023	2.048351e+18	2020-08-12	0	0	81	A	0
##	2024	2.051039e+18	2020-08-16	0	0	11	B	35
##	2025	2.052889e+18	2020-08-17	0	0	5	A	0
##	2026	2.053234e+18	2020-08-15	1	859	1	A	0
##	2027	2.070095e+18	2020-08-12	0	0	10	B	0
##	2028	2.074640e+18	2020-08-15	0	0	10	A	0
##	2029	2.074781e+18	2020-08-20	0	0	8	F	0
##	2030	2.079815e+18	2020-08-19	0	0	21	C	60
##	2031	2.085788e+18	2020-08-13	0	0	3	A	16
##	2032	2.091476e+18	2020-08-20	0	0	2	G	69
##	2033	2.102400e+18	2020-08-19	0	0	1	A	0
##	2034	2.108923e+18	2020-08-19	0	0	13	A	0
##	2035	2.111130e+18	2020-08-17	0	0	3	A	38
##	2036	2.114245e+18	2020-08-19	0	0	1	D	0
##	2037	2.122742e+18	2020-08-10	0	0	74	C	208
##	2038	2.123806e+18	2020-08-19	0	0	14	F	100
##	2039	2.126630e+18	2020-08-19	0	0	3	<NA>	81
##	2040	2.132416e+18	2020-08-10	0	0	16	A	0
##	2041	2.134316e+18	2020-08-20	0	0	10	A	0
##	2042	2.138232e+18	2020-08-10	0	0	8	E	0
##	2043	2.140862e+18	2020-08-10	0	0	45	B	5
##	2044	2.143504e+18	2020-08-14	0	0	1	A	14
##	2045	2.143913e+18	2020-08-19	0	0	6	A	0
##	2046	2.146142e+18	2020-08-14	0	0	12	B	0
##	2047	2.150489e+18	2020-08-14	0	0	6	C	0
##	2048	2.156482e+18	2020-08-20	0	0	12	B	69
##	2049	2.157128e+18	2020-08-12	0	0	7	B	0
##	2050	2.166374e+18	2020-08-12	0	0	1	A	0
##	2051	2.170140e+18	2020-08-20	0	0	8	C	65
##	2052	2.173444e+18	2020-08-18	0	0	1	A	0
##	2053	2.173940e+18	2020-08-19	0	0	1	A	27
##	2054	2.174828e+18	2020-08-15	0	0	15	A	0
##	2055	2.178358e+18	2020-08-17	0	0	3	D	0
##	2056	2.184180e+18	2020-08-12	0	0	4	A	17
##	2057	2.187520e+17	2020-08-17	0	0	21	A	0
##	2058	2.189397e+18	2020-08-15	0	0	41	F	36
##	2059	2.193749e+18	2020-08-19	0	0	2	A	8
##	2060	2.193932e+18	2020-08-10	0	0	1	A	19
##	2061	2.200675e+18	2020-08-16	0	0	2	A	12
##	2062	2.201212e+18	2020-08-18	0	0	7	C	81
##	2063	2.208535e+18	2020-08-15	0	0	1	A	12
##	2064	2.209015e+18	2020-08-12	0	0	3	B	0
##	2065	2.212596e+18	2020-08-18	0	0	1	F	101

##	2066	2.216293e+18	2020-08-18	0	0	2	A	9
##	2067	2.222579e+18	2020-08-20	0	0	29	C	0
##	2068	2.223101e+18	2020-08-12	0	0	11	B	39
##	2069	2.224946e+18	2020-08-14	0	0	3	A	41
##	2070	2.233269e+18	2020-08-19	0	0	6	C	0
##	2071	2.238339e+18	2020-08-15	0	0	5	A	12
##	2072	2.241557e+18	2020-08-11	0	0	2	A	0
##	2073	2.249247e+18	2020-08-17	0	0	11	A	53
##	2074	2.253144e+18	2020-08-12	0	0	4	D	111
##	2075	2.255237e+18	2020-08-16	0	0	10	F	80
##	2076	2.256794e+18	2020-08-16	0	0	4	C	81
##	2077	2.262609e+18	2020-08-15	0	0	2	A	12
##	2078	2.267692e+18	2020-08-12	0	0	14	C	15
##	2079	2.275923e+18	2020-08-20	0	0	18	B	0
##	2080	2.279159e+18	2020-08-19	0	0	1	D	0
##	2081	2.289412e+18	2020-08-16	0	0	2	A	54
##	2082	2.291426e+18	2020-08-17	0	0	4	C	81
##	2083	2.298960e+18	2020-08-10	1	699	18	C	41
##	2084	2.304813e+18	2020-08-14	0	0	3	A	66
##	2085	2.305310e+18	2020-08-10	0	0	1	B	41
##	2086	2.305377e+18	2020-08-10	0	0	1	F	0
##	2087	2.306716e+18	2020-08-15	0	0	10	<NA>	0
##	2088	2.308830e+18	2020-08-20	0	0	14	<NA>	0
##	2089	2.313473e+17	2020-08-17	0	0	2	G	48
##	2090	2.321298e+18	2020-08-10	0	0	51	A	0
##	2091	2.327592e+18	2020-08-18	0	0	2	A	0
##	2092	2.330795e+18	2020-08-12	0	0	1	A	89
##	2093	2.331347e+18	2020-08-11	0	0	4	B	40
##	2094	2.332570e+18	2020-08-14	0	0	6	A	141
##	2095	2.337590e+18	2020-08-16	0	0	6	A	141
##	2096	2.345731e+18	2020-08-15	0	0	5	G	50
##	2097	2.349286e+18	2020-08-18	0	0	3	A	0
##	2098	2.358025e+18	2020-08-11	0	0	46	<NA>	98
##	2099	2.359477e+18	2020-08-11	0	0	3	A	44
##	2100	2.365000e+17	2020-08-14	0	0	10	A	0
##	2101	2.367699e+17	2020-08-11	0	0	1	G	65
##	2102	2.369959e+18	2020-08-17	0	0	1	A	10
##	2103	2.374716e+18	2020-08-13	0	0	1	G	52
##	2104	2.376416e+18	2020-08-16	0	0	1	A	54
##	2105	2.377849e+18	2020-08-11	0	0	29	C	81
##	2106	2.380145e+18	2020-08-16	0	0	2	A	0
##	2107	2.382309e+18	2020-08-17	0	0	2	A	0
##	2108	2.386710e+17	2020-08-15	0	0	5	D	94
##	2109	2.388523e+18	2020-08-10	0	0	2	G	5
##	2110	2.389623e+18	2020-08-11	0	0	9	D	160
##	2111	2.394638e+18	2020-08-17	0	0	4	D	0
##	2112	2.395953e+17	2020-08-15	0	0	4	D	36
##	2113	2.403015e+18	2020-08-18	0	0	8	C	0
##	2114	2.406545e+18	2020-08-14	0	0	4	E	0
##	2115	2.409532e+18	2020-08-14	0	0	1	D	51
##	2116	2.417870e+18	2020-08-15	0	0	2	A	0
##	2117	2.421006e+18	2020-08-12	0	0	1	A	43
##	2118	2.421307e+18	2020-08-20	0	0	5	A	50
##	2119	2.427364e+18	2020-08-16	0	0	1	A	0

##	2120	2.431152e+18	2020-08-10	0	0	1	A	0
##	2121	2.433443e+18	2020-08-17	1	619	4	A	0
##	2122	2.437716e+18	2020-08-20	0	0	3	A	35
##	2123	2.438243e+18	2020-08-17	0	0	2	B	0
##	2124	2.439720e+18	2020-08-12	0	0	10	B	59
##	2125	2.439805e+18	2020-08-14	0	0	7	A	0
##	2126	2.446384e+18	2020-08-13	0	0	7	A	0
##	2127	2.452047e+17	2020-08-17	0	0	1	A	53
##	2128	2.453173e+18	2020-08-13	0	0	12	B	58
##	2129	2.455885e+18	2020-08-17	0	0	1	A	38
##	2130	2.470188e+18	2020-08-15	0	0	2	G	50
##	2131	2.470674e+18	2020-08-18	0	0	6	A	128
##	2132	2.472256e+18	2020-08-13	0	0	2	D	58
##	2133	2.480578e+18	2020-08-16	0	0	4	A	0
##	2134	2.486375e+18	2020-08-17	0	0	17	A	0
##	2135	2.487006e+18	2020-08-12	0	0	3	E	0
##	2136	2.488968e+18	2020-08-13	0	0	1	A	62
##	2137	2.490375e+18	2020-08-20	0	0	2	A	0
##	2138	2.495180e+18	2020-08-15	0	0	8	G	85
##	2139	2.499385e+18	2020-08-16	0	0	1	B	0
##	2140	2.499744e+18	2020-08-14	0	0	43	A	0
##	2141	2.514533e+18	2020-08-13	0	0	1	A	0
##	2142	2.517482e+18	2020-08-10	0	0	37	A	17
##	2143	2.518413e+18	2020-08-10	0	0	4	G	55
##	2144	2.520884e+18	2020-08-19	0	0	15	B	32
##	2145	2.524384e+18	2020-08-15	0	0	5	D	0
##	2146	2.545327e+18	2020-08-11	0	0	4	D	40
##	2147	2.548366e+18	2020-08-12	0	0	3	A	0
##	2148	2.550596e+18	2020-08-16	0	0	15	A	0
##	2149	2.551359e+17	2020-08-12	0	0	8	A	43
##	2150	2.556528e+18	2020-08-19	0	0	2	A	0
##	2151	2.562349e+18	2020-08-20	0	0	1	A	0
##	2152	2.562960e+18	2020-08-15	0	0	1	D	0
##	2153	2.564537e+18	2020-08-10	0	0	1	A	17
##	2154	2.565215e+18	2020-08-10	0	0	1	A	45
##	2155	2.566170e+18	2020-08-17	0	0	17	D	0
##	2156	2.575791e+18	2020-08-11	0	0	11	C	40
##	2157	2.576736e+18	2020-08-13	0	0	2	A	0
##	2158	2.580411e+18	2020-08-14	0	0	9	A	13
##	2159	2.583567e+18	2020-08-12	0	0	9	C	62
##	2160	2.602529e+18	2020-08-12	0	0	1	A	89
##	2161	2.604693e+18	2020-08-15	0	0	16	C	0
##	2162	2.608836e+18	2020-08-10	0	0	4	A	141
##	2163	2.621333e+18	2020-08-20	0	0	3	B	0
##	2164	2.623898e+17	2020-08-12	0	0	49	B	53
##	2165	2.627462e+18	2020-08-17	0	0	3	<NA>	81
##	2166	2.629588e+18	2020-08-20	0	0	2	A	35
##	2167	2.631509e+18	2020-08-19	0	0	2	B	0
##	2168	2.638231e+18	2020-08-12	0	0	4	G	53
##	2169	2.640095e+18	2020-08-17	0	0	32	A	53
##	2170	2.644891e+18	2020-08-17	0	0	2	A	11
##	2171	2.647693e+18	2020-08-16	0	0	1	A	0
##	2172	2.652366e+18	2020-08-15	0	0	42	C	0
##	2173	2.654699e+18	2020-08-16	0	0	5	A	12

##	2174	2.657552e+18	2020-08-14	0	0	13	A	65
##	2175	2.661521e+18	2020-08-10	0	0	5	B	0
##	2176	2.670502e+18	2020-08-10	0	0	33	F	41
##	2177	2.671764e+18	2020-08-13	0	0	19	B	0
##	2178	2.672345e+18	2020-08-18	1	799	23	B	33
##	2179	2.676948e+18	2020-08-10	0	0	15	C	19
##	2180	2.678913e+18	2020-08-15	0	0	12	B	0
##	2181	2.680526e+17	2020-08-19	0	0	1	A	51
##	2182	2.683292e+18	2020-08-17	0	0	7	A	32
##	2183	2.696040e+18	2020-08-11	0	0	4	D	40
##	2184	2.697182e+18	2020-08-20	0	0	1	A	50
##	2185	2.697905e+18	2020-08-16	0	0	39	C	0
##	2186	2.698485e+17	2020-08-16	0	0	4	A	11
##	2187	2.704276e+18	2020-08-13	0	0	35	B	38
##	2188	2.705655e+18	2020-08-14	0	0	2	A	57
##	2189	2.706789e+18	2020-08-19	0	0	8	F	30
##	2190	2.709288e+18	2020-08-13	0	0	2	A	14
##	2191	2.715670e+18	2020-08-19	1	299	10	A	0
##	2192	2.720867e+18	2020-08-12	0	0	5	C	39
##	2193	2.722081e+18	2020-08-15	0	0	24	D	36
##	2194	2.726315e+18	2020-08-17	0	0	5	C	72
##	2195	2.728851e+18	2020-08-20	0	0	7	A	0
##	2196	2.732134e+18	2020-08-19	0	0	2	B	32
##	2197	2.734122e+18	2020-08-18	0	0	3	A	128
##	2198	2.736786e+18	2020-08-18	0	0	91	A	0
##	2199	2.743798e+18	2020-08-19	0	0	2	A	36
##	2200	2.746354e+18	2020-08-17	0	0	1	A	32
##	2201	2.760650e+18	2020-08-18	1	249	8	D	71
##	2202	2.760667e+18	2020-08-13	0	0	1	A	15
##	2203	2.764093e+18	2020-08-10	0	0	1	A	0
##	2204	2.764527e+18	2020-08-11	0	0	1	E	135
##	2205	2.764546e+18	2020-08-19	0	0	31	A	8
##	2206	2.770336e+17	2020-08-11	1	1194	16	D	99
##	2207	2.784667e+17	2020-08-10	0	0	5	A	0
##	2208	2.791574e+18	2020-08-14	0	0	3	C	13
##	2209	2.792204e+17	2020-08-16	0	0	3	A	54
##	2210	2.792302e+18	2020-08-13	0	0	4	A	0
##	2211	2.792964e+18	2020-08-20	0	0	7	A	0
##	2212	2.797125e+18	2020-08-15	0	0	9	D	0
##	2213	2.798831e+18	2020-08-15	0	0	4	A	0
##	2214	2.803742e+18	2020-08-15	0	0	17	B	0
##	2215	2.806503e+18	2020-08-18	0	0	1	B	81
##	2216	2.807356e+18	2020-08-10	0	0	20	A	17
##	2217	2.810712e+18	2020-08-12	0	0	4	A	15
##	2218	2.823819e+18	2020-08-13	0	0	3	G	158
##	2219	2.827017e+18	2020-08-14	0	0	5	B	51
##	2220	2.827186e+18	2020-08-12	0	0	4	A	0
##	2221	2.831684e+18	2020-08-12	0	0	21	C	0
##	2222	2.835813e+18	2020-08-10	0	0	1	A	17
##	2223	2.836247e+18	2020-08-19	0	0	3	D	9
##	2224	2.843763e+18	2020-08-14	0	0	3	B	37
##	2225	2.855130e+18	2020-08-13	0	0	2	B	0
##	2226	2.857284e+18	2020-08-16	0	0	17	A	0
##	2227	2.866556e+18	2020-08-18	0	0	1	A	37

##	2228	2.871475e+16	2020-08-15	0	0	1	A	56
##	2229	2.871780e+18	2020-08-18	0	0	1	A	0
##	2230	2.877201e+18	2020-08-10	0	0	16	A	0
##	2231	2.885123e+18	2020-08-17	0	0	5	A	32
##	2232	2.885416e+18	2020-08-14	0	0	1	A	62
##	2233	2.894036e+17	2020-08-11	0	0	4	G	160
##	2234	2.898384e+18	2020-08-11	0	0	16	A	44
##	2235	2.901660e+18	2020-08-15	0	0	7	A	13
##	2236	2.901758e+18	2020-08-20	0	0	21	G	45
##	2237	2.902481e+18	2020-08-14	0	0	1	A	106
##	2238	2.905715e+18	2020-08-16	0	0	24	A	0
##	2239	2.920627e+18	2020-08-20	0	0	10	A	50
##	2240	2.923279e+18	2020-08-12	0	0	7	A	68
##	2241	2.926980e+18	2020-08-14	0	0	10	C	37
##	2242	2.931740e+18	2020-08-12	0	0	46	C	208
##	2243	2.932467e+18	2020-08-13	0	0	1	A	15
##	2244	2.934784e+17	2020-08-19	0	0	9	G	152
##	2245	2.935750e+18	2020-08-14	0	0	5	A	0
##	2246	2.940008e+18	2020-08-12	0	0	9	C	59
##	2247	2.940411e+18	2020-08-15	0	0	24	C	56
##	2248	2.941314e+18	2020-08-19	0	0	26	B	0
##	2249	2.943406e+18	2020-08-10	0	0	27	C	0
##	2250	2.952255e+18	2020-08-16	0	0	3	B	208
##	2251	2.954995e+18	2020-08-15	0	0	64	A	65
##	2252	2.977930e+18	2020-08-16	0	0	4	A	0
##	2253	2.982460e+18	2020-08-19	0	0	2	B	0
##	2254	2.987502e+18	2020-08-15	0	0	23	A	40
##	2255	2.991404e+18	2020-08-18	0	0	13	D	33
##	2256	2.993515e+18	2020-08-18	0	0	4	A	141
##	2257	2.996316e+18	2020-08-14	0	0	2	A	65
##	2258	2.997991e+18	2020-08-17	0	0	1	A	0
##	2259	2.999000e+18	2020-08-19	0	0	6	D	0
##	2260	3.157150e+18	2020-08-13	0	0	1	A	42
##	2261	3.772441e+18	2020-08-14	0	0	23	B	0
##	2262	3.797895e+18	2020-08-13	0	0	1	G	38
##	2263	3.891453e+18	2020-08-10	0	0	1	A	17
##	2264	3.009622e+18	2020-08-20	0	0	1	A	0
##	2265	3.011294e+18	2020-08-16	0	0	5	D	0
##	2266	3.018608e+18	2020-08-16	0	0	2	D	0
##	2267	3.020398e+18	2020-08-19	0	0	32	B	223
##	2268	3.021192e+18	2020-08-12	0	0	4	A	0
##	2269	3.026882e+18	2020-08-10	0	0	4	A	0
##	2270	3.035495e+18	2020-08-13	0	0	7	C	58
##	2271	3.037722e+18	2020-08-17	0	0	14	F	0
##	2272	3.042757e+18	2020-08-12	0	0	22	A	43
##	2273	3.064298e+18	2020-08-14	0	0	1	E	94
##	2274	3.071135e+18	2020-08-18	1	899	35	F	33
##	2275	3.073777e+18	2020-08-16	0	0	12	F	0
##	2276	3.074636e+18	2020-08-15	0	0	34	G	50
##	2277	3.077942e+18	2020-08-19	0	0	1	A	0
##	2278	3.079318e+18	2020-08-18	0	0	3	C	0
##	2279	3.088165e+18	2020-08-12	0	0	24	A	0
##	2280	3.088612e+18	2020-08-18	0	0	17	D	153
##	2281	3.099510e+18	2020-08-18	0	0	3	B	0

##	2282	3.105181e+18	2020-08-11	0	0	45	F	54
##	2283	3.107862e+18	2020-08-19	0	0	4	D	81
##	2284	3.108020e+18	2020-08-19	0	0	2	A	0
##	2285	3.108615e+18	2020-08-13	0	0	62	A	0
##	2286	3.116520e+18	2020-08-15	0	0	3	A	65
##	2287	3.120087e+18	2020-08-12	0	0	13	A	0
##	2288	3.121847e+18	2020-08-10	0	0	18	C	0
##	2289	3.123824e+18	2020-08-14	0	0	7	C	81
##	2290	3.124368e+18	2020-08-15	0	0	2	A	62
##	2291	3.125327e+18	2020-08-16	0	0	7	D	0
##	2292	3.133350e+18	2020-08-15	1	1299	24	A	40
##	2293	3.136607e+18	2020-08-15	0	0	34	B	81
##	2294	3.138848e+18	2020-08-17	0	0	27	A	53
##	2295	3.141905e+18	2020-08-17	0	0	7	B	0
##	2296	3.143793e+18	2020-08-11	0	0	14	C	40
##	2297	3.150483e+18	2020-08-14	0	0	15	A	41
##	2298	3.154907e+18	2020-08-11	0	0	40	F	40
##	2299	3.155967e+18	2020-08-14	0	0	24	A	13
##	2300	3.157914e+18	2020-08-13	0	0	2	A	14
##	2301	3.159101e+18	2020-08-12	0	0	4	A	0
##	2302	3.160363e+18	2020-08-12	0	0	48	A	0
##	2303	3.171578e+18	2020-08-18	0	0	1	A	102
##	2304	3.172897e+18	2020-08-12	0	0	1	A	43
##	2305	3.174376e+18	2020-08-10	0	0	6	G	0
##	2306	3.177186e+18	2020-08-10	0	0	1	A	45
##	2307	3.177645e+18	2020-08-18	0	0	5	D	47
##	2308	3.187148e+18	2020-08-18	0	0	7	C	81
##	2309	3.190287e+18	2020-08-19	0	0	7	<NA>	0
##	2310	3.195006e+18	2020-08-12	0	0	2	D	88
##	2311	3.197155e+18	2020-08-12	0	0	5	A	43
##	2312	3.206341e+18	2020-08-13	0	0	1	A	0
##	2313	3.207912e+18	2020-08-13	0	0	18	A	14
##	2314	3.208468e+18	2020-08-16	0	0	14	C	0
##	2315	3.210261e+18	2020-08-20	0	0	1	A	0
##	2316	3.210591e+18	2020-08-11	0	0	39	C	0
##	2317	3.212277e+18	2020-08-12	0	0	10	A	141
##	2318	3.213653e+18	2020-08-14	0	0	3	A	13
##	2319	3.216996e+18	2020-08-15	0	0	5	A	0
##	2320	3.217604e+18	2020-08-17	0	0	1	D	0
##	2321	3.218510e+18	2020-08-13	0	0	11	A	65
##	2322	3.223764e+18	2020-08-12	0	0	1	A	0
##	2323	3.228262e+18	2020-08-18	0	0	4	A	0
##	2324	3.247184e+18	2020-08-17	0	0	22	C	32
##	2325	3.256308e+18	2020-08-20	0	0	2	A	26
##	2326	3.271548e+18	2020-08-10	0	0	7	A	0
##	2327	3.273219e+18	2020-08-13	0	0	27	F	38
##	2328	3.277932e+18	2020-08-14	0	0	2	A	41
##	2329	3.278083e+18	2020-08-12	0	0	11	A	0
##	2330	3.290432e+18	2020-08-20	0	0	1	E	8
##	2331	3.291321e+18	2020-08-18	0	0	13	B	71
##	2332	3.293897e+18	2020-08-10	0	0	6	G	161
##	2333	3.295559e+18	2020-08-20	0	0	6	D	0
##	2334	3.303076e+18	2020-08-19	0	0	30	B	0
##	2335	3.304435e+18	2020-08-19	0	0	3	E	0

##	2336	3.306940e+18	2020-08-12	0	0	1	A	15
##	2337	3.309214e+18	2020-08-11	0	0	1	A	44
##	2338	3.309726e+18	2020-08-17	0	0	43	A	0
##	2339	3.310564e+18	2020-08-16	0	0	3	A	54
##	2340	3.317035e+18	2020-08-15	0	0	4	A	105
##	2341	3.317228e+18	2020-08-18	0	0	1	A	9
##	2342	3.321655e+18	2020-08-19	0	0	3	A	62
##	2343	3.327308e+17	2020-08-12	0	0	6	A	91
##	2344	3.332171e+18	2020-08-11	0	0	16	A	0
##	2345	3.332506e+18	2020-08-13	0	0	3	A	0
##	2346	3.340934e+18	2020-08-19	0	0	1	A	0
##	2347	3.341477e+17	2020-08-19	0	0	10	G	104
##	2348	3.354736e+18	2020-08-18	0	0	12	C	31
##	2349	3.357626e+18	2020-08-14	0	0	23	<NA>	0
##	2350	3.360072e+18	2020-08-17	0	0	4	A	0
##	2351	3.362556e+17	2020-08-10	0	0	12	C	0
##	2352	3.372650e+18	2020-08-18	0	0	18	G	47
##	2353	3.374611e+18	2020-08-11	0	0	1	A	0
##	2354	3.376515e+18	2020-08-16	0	0	2	D	49
##	2355	3.376543e+18	2020-08-11	0	0	1	A	18
##	2356	3.380164e+17	2020-08-16	0	0	8	A	0
##	2357	3.381232e+18	2020-08-16	0	0	2	B	141
##	2358	3.382698e+18	2020-08-12	0	0	7	A	0
##	2359	3.384723e+18	2020-08-10	0	0	3	B	0
##	2360	3.384741e+18	2020-08-13	0	0	22	A	15
##	2361	3.396928e+18	2020-08-19	0	0	8	G	208
##	2362	3.400383e+18	2020-08-15	0	0	3	A	0
##	2363	3.404584e+18	2020-08-19	0	0	22	A	51
##	2364	3.405703e+18	2020-08-14	0	0	1	D	0
##	2365	3.413218e+18	2020-08-14	0	0	3	A	0
##	2366	3.421223e+18	2020-08-10	0	0	28	C	81
##	2367	3.424240e+18	2020-08-15	0	0	1	A	0
##	2368	3.425245e+17	2020-08-13	0	0	1	A	14
##	2369	3.428534e+18	2020-08-17	0	0	2	A	11
##	2370	3.428667e+17	2020-08-18	0	0	3	A	52
##	2371	3.431769e+18	2020-08-16	0	0	1	A	30
##	2372	3.432921e+18	2020-08-16	0	0	6	G	49
##	2373	3.432957e+18	2020-08-10	2	1156	22	C	55
##	2374	3.434656e+18	2020-08-14	0	0	23	B	51
##	2375	3.438560e+18	2020-08-20	0	0	1	A	7
##	2376	3.444321e+18	2020-08-15	0	0	10	B	208
##	2377	3.446550e+18	2020-08-20	0	0	6	A	0
##	2378	3.454950e+18	2020-08-20	0	0	10	A	0
##	2379	3.455453e+18	2020-08-17	0	0	44	A	0
##	2380	3.462424e+18	2020-08-16	0	0	1	A	0
##	2381	3.477497e+18	2020-08-10	1	799	38	B	55
##	2382	3.479790e+18	2020-08-19	0	0	14	<NA>	0
##	2383	3.480441e+18	2020-08-13	0	0	34	A	14
##	2384	3.484277e+18	2020-08-20	0	0	34	A	7
##	2385	3.487388e+18	2020-08-20	0	0	8	A	26
##	2386	3.490179e+18	2020-08-19	0	0	6	C	8
##	2387	3.496645e+18	2020-08-12	0	0	7	F	15
##	2388	3.497693e+18	2020-08-12	0	0	1	A	91
##	2389	3.497785e+18	2020-08-11	0	0	10	<NA>	0

##	2390	3.497923e+17	2020-08-12	0	0	3	A	108
##	2391	3.498796e+18	2020-08-16	0	0	11	C	55
##	2392	3.499627e+18	2020-08-11	0	0	4	F	0
##	2393	3.525565e+18	2020-08-18	0	0	41	A	0
##	2394	3.529897e+18	2020-08-13	0	0	17	B	0
##	2395	3.530508e+18	2020-08-12	0	0	72	A	15
##	2396	3.538153e+18	2020-08-16	0	0	2	A	30
##	2397	3.550514e+18	2020-08-20	0	0	9	A	0
##	2398	3.551386e+18	2020-08-16	0	0	6	B	0
##	2399	3.563055e+18	2020-08-19	0	0	6	C	81
##	2400	3.567123e+18	2020-08-15	0	0	7	A	40
##	2401	3.586604e+18	2020-08-20	0	0	14	A	8
##	2402	3.588249e+18	2020-08-19	0	0	1	F	27
##	2403	3.590368e+18	2020-08-14	0	0	2	G	223
##	2404	3.597232e+18	2020-08-17	0	0	14	F	0
##	2405	3.599097e+18	2020-08-20	0	0	2	A	50
##	2406	3.601742e+18	2020-08-18	0	0	6	A	0
##	2407	3.602596e+18	2020-08-13	0	0	2	A	0
##	2408	3.611084e+17	2020-08-15	0	0	1	A	12
##	2409	3.615096e+18	2020-08-16	0	0	2	A	0
##	2410	3.629490e+18	2020-08-17	0	0	3	A	0
##	2411	3.636156e+18	2020-08-20	0	0	3	A	0
##	2412	3.648757e+18	2020-08-11	0	0	1	A	0
##	2413	3.653224e+18	2020-08-15	0	0	2	E	131
##	2414	3.654346e+18	2020-08-18	0	0	1	D	0
##	2415	3.655441e+18	2020-08-14	0	0	5	C	51
##	2416	3.658230e+18	2020-08-11	0	0	52	A	0
##	2417	3.659598e+18	2020-08-16	0	0	3	A	0
##	2418	3.661831e+18	2020-08-12	0	0	12	C	59
##	2419	3.661856e+18	2020-08-20	0	0	1	A	0
##	2420	3.665741e+18	2020-08-15	0	0	5	A	0
##	2421	3.668579e+17	2020-08-10	0	0	7	B	0
##	2422	3.674200e+18	2020-08-19	0	0	8	A	36
##	2423	3.674670e+18	2020-08-10	0	0	9	G	208
##	2424	3.674900e+18	2020-08-17	0	0	2	A	0
##	2425	3.677262e+18	2020-08-20	0	0	21	C	159
##	2426	3.678041e+18	2020-08-16	0	0	4	D	33
##	2427	3.688379e+18	2020-08-20	0	0	1	C	208
##	2428	3.693599e+18	2020-08-10	0	0	18	D	0
##	2429	3.696101e+18	2020-08-10	0	0	1	A	0
##	2430	3.699044e+18	2020-08-18	0	0	2	B	0
##	2431	3.703319e+18	2020-08-14	0	0	3	C	0
##	2432	3.714572e+17	2020-08-14	0	0	1	A	0
##	2433	3.719298e+18	2020-08-16	0	0	46	B	35
##	2434	3.722484e+18	2020-08-14	0	0	16	C	81
##	2435	3.726749e+18	2020-08-17	0	0	1	A	141
##	2436	3.727004e+18	2020-08-19	0	0	2	A	0
##	2437	3.733303e+18	2020-08-12	0	0	3	A	108
##	2438	3.737805e+18	2020-08-16	0	0	5	A	0
##	2439	3.737843e+18	2020-08-10	0	0	1	A	0
##	2440	3.739956e+18	2020-08-16	0	0	6	A	0
##	2441	3.742098e+18	2020-08-14	0	0	19	F	82
##	2442	3.742764e+18	2020-08-11	0	0	1	A	16
##	2443	3.744093e+18	2020-08-14	0	0	19	C	0

##	2444	3.747780e+18	2020-08-15	0	0	11	A	62
##	2445	3.747974e+18	2020-08-18	0	0	27	B	33
##	2446	3.753188e+18	2020-08-10	0	0	8	A	0
##	2447	3.753702e+18	2020-08-19	0	0	22	C	0
##	2448	3.760758e+18	2020-08-14	1	1259	2	A	13
##	2449	3.762724e+18	2020-08-10	0	0	24	B	0
##	2450	3.763318e+18	2020-08-18	0	0	12	A	128
##	2451	3.769596e+18	2020-08-17	0	0	8	G	106
##	2452	3.786028e+18	2020-08-11	0	0	7	A	0
##	2453	3.786689e+18	2020-08-17	0	0	6	A	53
##	2454	3.791032e+18	2020-08-17	0	0	4	A	38
##	2455	3.795057e+18	2020-08-17	0	0	15	A	0
##	2456	3.795640e+18	2020-08-16	0	0	4	A	11
##	2457	3.800502e+18	2020-08-20	0	0	16	F	0
##	2458	3.801113e+18	2020-08-17	0	0	5	D	65
##	2459	3.804745e+17	2020-08-16	0	0	4	A	0
##	2460	3.805482e+18	2020-08-10	0	0	18	B	0
##	2461	3.808631e+18	2020-08-15	0	0	5	A	62
##	2462	3.812425e+17	2020-08-15	0	0	57	C	208
##	2463	3.814612e+18	2020-08-20	0	0	42	B	0
##	2464	3.818596e+18	2020-08-16	0	0	9	A	0
##	2465	3.820399e+18	2020-08-20	0	0	2	A	7
##	2466	3.826353e+18	2020-08-18	0	0	19	F	0
##	2467	3.828783e+18	2020-08-11	0	0	1	D	84
##	2468	3.841594e+18	2020-08-11	0	0	6	A	0
##	2469	3.842593e+18	2020-08-20	0	0	7	F	99
##	2470	3.843521e+18	2020-08-12	0	0	15	A	0
##	2471	3.858021e+18	2020-08-20	0	0	4	D	69
##	2472	3.868655e+18	2020-08-11	0	0	5	D	0
##	2473	3.870333e+18	2020-08-20	0	0	22	A	0
##	2474	3.874627e+18	2020-08-20	0	0	5	C	0
##	2475	3.880921e+18	2020-08-18	0	0	1	A	37
##	2476	3.883519e+18	2020-08-12	0	0	2	E	0
##	2477	3.894336e+17	2020-08-17	0	0	14	A	0
##	2478	3.899195e+18	2020-08-15	0	0	2	B	36
##	2479	3.899773e+18	2020-08-11	0	0	8	A	65
##	2480	3.903061e+18	2020-08-16	0	0	5	G	107
##	2481	3.908184e+18	2020-08-14	0	0	1	A	41
##	2482	3.912191e+18	2020-08-15	0	0	2	B	0
##	2483	3.915746e+17	2020-08-18	0	0	7	A	62
##	2484	3.917188e+17	2020-08-11	0	0	20	C	0
##	2485	3.919757e+18	2020-08-15	0	0	1	A	40
##	2486	3.924927e+18	2020-08-15	0	0	11	A	0
##	2487	3.932072e+18	2020-08-17	0	0	11	B	0
##	2488	3.933851e+18	2020-08-13	0	0	8	A	107
##	2489	3.935560e+18	2020-08-12	0	0	3	A	15
##	2490	3.945821e+15	2020-08-15	0	0	20	F	104
##	2491	3.951218e+18	2020-08-11	0	0	47	B	198
##	2492	3.951649e+18	2020-08-15	0	0	3	A	0
##	2493	3.953232e+18	2020-08-11	0	0	13	A	135
##	2494	3.968233e+18	2020-08-17	0	0	4	A	32
##	2495	3.992019e+18	2020-08-10	0	0	5	A	65
##	2496	3.994316e+17	2020-08-11	0	0	39	A	0
##	2497	4.588421e+18	2020-08-18	0	0	19	B	47

##	2498	4.838475e+18	2020-08-15	1	1149	26	A	0
##	2499	4.002902e+17	2020-08-10	0	0	2	C	0
##	2500	4.007008e+17	2020-08-15	0	0	10	D	65
##	2501	4.013538e+18	2020-08-10	0	0	6	B	41
##	2502	4.016581e+17	2020-08-16	0	0	5	A	104
##	2503	4.024590e+18	2020-08-20	0	0	5	G	31
##	2504	4.025519e+17	2020-08-13	0	0	2	A	14
##	2505	4.037696e+18	2020-08-20	1	229	15	A	126
##	2506	4.038260e+18	2020-08-12	0	0	2	A	16
##	2507	4.049386e+18	2020-08-13	0	0	2	C	208
##	2508	4.049928e+18	2020-08-15	0	0	6	A	62
##	2509	4.053229e+18	2020-08-13	0	0	2	A	0
##	2510	4.056268e+18	2020-08-16	0	0	34	C	0
##	2511	4.061408e+18	2020-08-14	0	0	3	D	0
##	2512	4.063464e+17	2020-08-16	0	0	1	A	0
##	2513	4.063632e+18	2020-08-19	0	0	4	A	0
##	2514	4.066245e+18	2020-08-10	0	0	11	A	0
##	2515	4.075919e+18	2020-08-16	0	0	5	E	12
##	2516	4.078200e+18	2020-08-14	0	0	3	G	37
##	2517	4.082583e+18	2020-08-16	0	0	1	<NA>	81
##	2518	4.084649e+18	2020-08-20	0	0	11	A	35
##	2519	4.087464e+18	2020-08-16	0	0	9	A	0
##	2520	4.096606e+17	2020-08-15	0	0	27	A	40
##	2521	4.096789e+18	2020-08-19	0	0	8	A	0
##	2522	4.096896e+18	2020-08-18	0	0	2	B	71
##	2523	4.103651e+18	2020-08-11	0	0	9	D	81
##	2524	4.104530e+18	2020-08-16	0	0	9	B	0
##	2525	4.109382e+18	2020-08-11	0	0	4	A	0
##	2526	4.109856e+18	2020-08-20	0	0	7	C	69
##	2527	4.113283e+18	2020-08-12	0	0	2	A	0
##	2528	4.118811e+18	2020-08-20	0	0	2	D	31
##	2529	4.125821e+18	2020-08-13	0	0	6	A	0
##	2530	4.130445e+18	2020-08-20	0	0	2	A	0
##	2531	4.134695e+18	2020-08-12	0	0	2	C	15
##	2532	4.145995e+18	2020-08-10	0	0	13	C	17
##	2533	4.146613e+18	2020-08-10	0	0	3	A	0
##	2534	4.152447e+18	2020-08-19	0	0	11	C	70
##	2535	4.156169e+18	2020-08-11	0	0	4	G	54
##	2536	4.156932e+17	2020-08-18	0	0	26	C	0
##	2537	4.164269e+18	2020-08-13	0	0	6	D	38
##	2538	4.164416e+17	2020-08-17	0	0	7	<NA>	0
##	2539	4.166009e+18	2020-08-17	0	0	3	D	34
##	2540	4.191618e+18	2020-08-11	0	0	2	A	18
##	2541	4.191636e+18	2020-08-13	0	0	1	A	0
##	2542	4.192359e+18	2020-08-19	0	0	8	A	101
##	2543	4.196516e+18	2020-08-10	0	0	8	G	41
##	2544	4.196540e+18	2020-08-18	0	0	1	A	0
##	2545	4.206081e+18	2020-08-12	0	0	11	A	0
##	2546	4.208256e+18	2020-08-13	0	0	4	A	0
##	2547	4.210271e+18	2020-08-14	0	0	1	G	86
##	2548	4.212845e+18	2020-08-11	0	0	8	G	4
##	2549	4.230877e+17	2020-08-15	0	0	3	A	0
##	2550	4.236512e+18	2020-08-16	0	0	1	A	0
##	2551	4.247036e+18	2020-08-19	0	0	1	A	0

##	2552	4.252532e+18	2020-08-19	0	0	3	D	70
##	2553	4.257840e+18	2020-08-18	0	0	2	A	28
##	2554	4.260408e+18	2020-08-19	0	0	1	A	36
##	2555	4.261808e+18	2020-08-10	0	0	7	A	110
##	2556	4.267080e+18	2020-08-19	0	0	3	A	0
##	2557	4.269531e+18	2020-08-15	0	0	2	A	0
##	2558	4.273916e+18	2020-08-17	0	0	6	F	79
##	2559	4.282672e+18	2020-08-15	0	0	34	A	0
##	2560	4.282963e+18	2020-08-18	0	0	17	B	0
##	2561	4.283899e+18	2020-08-16	0	0	13	<NA>	0
##	2562	4.289584e+18	2020-08-18	0	0	3	A	0
##	2563	4.290955e+18	2020-08-19	0	0	12	A	8
##	2564	4.295968e+18	2020-08-18	0	0	1	E	90
##	2565	4.309087e+18	2020-08-10	0	0	1	A	17
##	2566	4.311763e+17	2020-08-10	0	0	10	A	0
##	2567	4.312848e+18	2020-08-18	0	0	20	A	9
##	2568	4.313857e+18	2020-08-20	0	0	1	D	69
##	2569	4.319467e+18	2020-08-12	0	0	7	A	0
##	2570	4.326022e+18	2020-08-19	0	0	5	A	141
##	2571	4.329128e+18	2020-08-14	0	0	7	C	81
##	2572	4.332508e+18	2020-08-13	0	0	7	B	0
##	2573	4.333124e+18	2020-08-17	0	0	1	A	32
##	2574	4.344673e+18	2020-08-13	0	0	3	A	65
##	2575	4.345242e+18	2020-08-19	0	0	3	A	0
##	2576	4.346228e+18	2020-08-18	0	0	7	A	0
##	2577	4.357340e+18	2020-08-14	0	0	1	C	57
##	2578	4.373701e+18	2020-08-12	0	0	5	C	59
##	2579	4.382231e+17	2020-08-14	0	0	4	C	0
##	2580	4.405372e+18	2020-08-17	0	0	23	A	11
##	2581	4.416923e+18	2020-08-13	0	0	1	C	58
##	2582	4.416943e+18	2020-08-17	0	0	3	D	81
##	2583	4.427122e+18	2020-08-20	0	0	1	A	141
##	2584	4.431222e+18	2020-08-17	0	0	29	A	38
##	2585	4.431697e+17	2020-08-19	0	0	13	A	0
##	2586	4.435663e+18	2020-08-13	0	0	6	B	38
##	2587	4.436462e+16	2020-08-15	0	0	1	A	62
##	2588	4.441102e+18	2020-08-15	0	0	26	A	13
##	2589	4.443366e+18	2020-08-14	0	0	20	C	15
##	2590	4.443492e+18	2020-08-13	0	0	3	D	0
##	2591	4.463328e+18	2020-08-16	0	0	29	C	0
##	2592	4.464789e+18	2020-08-15	0	0	1	A	62
##	2593	4.471254e+18	2020-08-19	0	0	2	A	0
##	2594	4.471617e+18	2020-08-13	0	0	1	A	16
##	2595	4.473402e+18	2020-08-11	0	0	1	F	0
##	2596	4.473443e+18	2020-08-17	0	0	6	B	72
##	2597	4.474379e+18	2020-08-12	0	0	2	A	62
##	2598	4.481024e+18	2020-08-10	0	0	1	A	0
##	2599	4.483562e+17	2020-08-19	0	0	1	A	51
##	2600	4.484849e+18	2020-08-20	0	0	1	A	0
##	2601	4.484983e+18	2020-08-10	0	0	13	C	17
##	2602	4.491178e+17	2020-08-13	0	0	1	A	0
##	2603	4.491829e+18	2020-08-10	0	0	14	A	0
##	2604	4.492497e+18	2020-08-17	0	0	1	B	72
##	2605	4.492871e+18	2020-08-10	0	0	2	A	110

##	2606	4.494712e+18	2020-08-15	0	0	6	C	50
##	2607	4.500346e+18	2020-08-17	0	0	7	B	72
##	2608	4.501701e+18	2020-08-17	0	0	1	A	38
##	2609	4.503967e+18	2020-08-14	0	0	3	C	208
##	2610	4.509291e+18	2020-08-19	0	0	45	A	27
##	2611	4.510381e+18	2020-08-14	0	0	5	A	0
##	2612	4.512652e+18	2020-08-10	0	0	44	A	0
##	2613	4.525240e+18	2020-08-19	0	0	25	B	32
##	2614	4.529076e+18	2020-08-12	0	0	1	A	0
##	2615	4.531495e+18	2020-08-11	0	0	6	E	0
##	2616	4.531646e+18	2020-08-19	0	0	1	A	0
##	2617	4.534968e+18	2020-08-19	0	0	1	A	51
##	2618	4.536857e+18	2020-08-10	0	0	1	A	0
##	2619	4.537587e+18	2020-08-15	0	0	2	E	0
##	2620	4.543976e+18	2020-08-19	0	0	17	G	46
##	2621	4.548319e+18	2020-08-10	0	0	1	B	43
##	2622	4.551313e+17	2020-08-14	0	0	4	D	37
##	2623	4.554517e+18	2020-08-11	0	0	13	A	0
##	2624	4.556816e+18	2020-08-18	1	399	25	B	62
##	2625	4.560104e+18	2020-08-19	0	0	3	E	0
##	2626	4.562784e+18	2020-08-19	0	0	3	A	0
##	2627	4.568279e+18	2020-08-16	0	0	14	G	49
##	2628	4.573476e+18	2020-08-14	0	0	2	B	0
##	2629	4.574072e+17	2020-08-15	0	0	5	C	208
##	2630	4.574344e+18	2020-08-20	0	0	3	F	69
##	2631	4.577777e+18	2020-08-10	0	0	15	<NA>	5
##	2632	4.583244e+18	2020-08-18	0	0	1	F	101
##	2633	4.583656e+18	2020-08-11	0	0	2	D	0
##	2634	4.584684e+18	2020-08-11	0	0	1	B	0
##	2635	4.587428e+18	2020-08-18	0	0	17	F	31
##	2636	4.587887e+18	2020-08-13	0	0	2	A	16
##	2637	4.590489e+17	2020-08-19	0	0	1	B	70
##	2638	4.592888e+18	2020-08-10	0	0	21	A	0
##	2639	4.597016e+18	2020-08-15	0	0	8	B	0
##	2640	4.597715e+18	2020-08-20	0	0	2	A	0
##	2641	4.598644e+18	2020-08-15	0	0	27	B	223
##	2642	4.600154e+18	2020-08-14	0	0	9	B	0
##	2643	4.601554e+18	2020-08-14	0	0	5	C	57
##	2644	4.603378e+18	2020-08-19	0	0	1	A	0
##	2645	4.608231e+18	2020-08-10	0	0	17	A	93
##	2646	4.609285e+18	2020-08-13	0	0	4	B	0
##	2647	4.616145e+18	2020-08-16	0	0	3	D	0
##	2648	4.622338e+18	2020-08-15	0	0	2	D	81
##	2649	4.625809e+18	2020-08-18	0	0	6	A	141
##	2650	4.637016e+18	2020-08-20	0	0	7	A	29
##	2651	4.644870e+18	2020-08-18	0	0	13	F	101
##	2652	4.647483e+18	2020-08-18	0	0	20	A	10
##	2653	4.653751e+18	2020-08-13	0	0	1	G	110
##	2654	4.655258e+18	2020-08-18	0	0	1	A	0
##	2655	4.656003e+18	2020-08-17	0	0	8	A	11
##	2656	4.656069e+18	2020-08-10	0	0	1	D	18
##	2657	4.656959e+18	2020-08-10	0	0	4	D	0
##	2658	4.664152e+18	2020-08-10	0	0	1	A	0
##	2659	4.666062e+18	2020-08-16	0	0	16	A	30

##	2660	4.668164e+18	2020-08-10	0	0	1	D	0
##	2661	4.670372e+18	2020-08-17	0	0	1	A	0
##	2662	4.688384e+18	2020-08-19	0	0	11	A	127
##	2663	4.693486e+18	2020-08-18	0	0	2	B	208
##	2664	4.706129e+18	2020-08-10	0	0	11	C	81
##	2665	4.710658e+18	2020-08-19	0	0	4	D	0
##	2666	4.719901e+18	2020-08-11	0	0	6	D	0
##	2667	4.725512e+18	2020-08-14	0	0	1	D	0
##	2668	4.726404e+18	2020-08-15	0	0	8	C	0
##	2669	4.731825e+18	2020-08-16	0	0	22	C	33
##	2670	4.734272e+18	2020-08-17	0	0	4	A	32
##	2671	4.735503e+18	2020-08-12	0	0	11	A	0
##	2672	4.735649e+18	2020-08-13	0	0	1	E	0
##	2673	4.743926e+18	2020-08-16	0	0	9	C	0
##	2674	4.746379e+18	2020-08-11	0	0	1	A	65
##	2675	4.747824e+18	2020-08-16	0	0	4	A	39
##	2676	4.749131e+18	2020-08-15	1	1119	15	A	0
##	2677	4.752697e+18	2020-08-18	0	0	12	A	0
##	2678	4.759651e+18	2020-08-16	0	0	8	A	0
##	2679	4.760520e+18	2020-08-11	0	0	2	A	16
##	2680	4.768805e+18	2020-08-15	0	0	1	A	40
##	2681	4.771265e+17	2020-08-12	0	0	4	C	208
##	2682	4.786321e+18	2020-08-10	0	0	20	B	0
##	2683	4.797991e+18	2020-08-20	0	0	2	A	0
##	2684	4.806871e+18	2020-08-19	0	0	3	A	0
##	2685	4.817649e+18	2020-08-15	0	0	9	D	50
##	2686	4.825704e+18	2020-08-13	0	0	1	A	14
##	2687	4.832971e+18	2020-08-17	0	0	18	A	53
##	2688	4.844904e+18	2020-08-10	0	0	2	A	110
##	2689	4.845806e+18	2020-08-13	0	0	4	A	0
##	2690	4.853939e+17	2020-08-19	0	0	5	C	0
##	2691	4.857597e+18	2020-08-17	0	0	18	C	0
##	2692	4.858447e+18	2020-08-13	0	0	5	D	96
##	2693	4.860924e+18	2020-08-13	0	0	10	A	58
##	2694	4.866960e+18	2020-08-20	0	0	1	F	0
##	2695	4.869895e+18	2020-08-13	0	0	13	D	0
##	2696	4.871034e+18	2020-08-20	0	0	5	<NA>	0
##	2697	4.875034e+18	2020-08-19	0	0	7	D	46
##	2698	4.884870e+18	2020-08-19	0	0	4	A	0
##	2699	4.893478e+18	2020-08-16	0	0	3	B	0
##	2700	4.897217e+17	2020-08-18	0	0	9	A	0
##	2701	4.905921e+18	2020-08-20	0	0	1	A	50
##	2702	4.919409e+18	2020-08-14	0	0	34	A	41
##	2703	4.922146e+18	2020-08-11	2	1198	31	B	4
##	2704	4.924949e+18	2020-08-18	0	0	1	A	9
##	2705	4.925041e+18	2020-08-15	0	0	2	A	62
##	2706	4.937005e+18	2020-08-18	0	0	11	A	0
##	2707	4.937606e+18	2020-08-18	0	0	18	A	0
##	2708	4.939198e+18	2020-08-15	0	0	6	C	0
##	2709	4.943001e+18	2020-08-11	0	0	11	D	0
##	2710	4.949230e+18	2020-08-19	0	0	2	A	0
##	2711	4.950248e+18	2020-08-16	0	0	10	G	155
##	2712	4.956827e+17	2020-08-15	0	0	4	A	0
##	2713	4.961939e+18	2020-08-16	0	0	1	A	30

##	2714	4.965044e+18	2020-08-17	0	0	7	A	38
##	2715	4.967249e+18	2020-08-15	0	0	12	A	31
##	2716	4.969631e+18	2020-08-14	0	0	1	F	141
##	2717	4.971411e+18	2020-08-10	0	0	3	A	0
##	2718	4.971965e+18	2020-08-10	0	0	15	C	43
##	2719	4.982843e+18	2020-08-13	0	0	9	A	133
##	2720	4.986428e+17	2020-08-15	0	0	2	B	81
##	2721	4.988427e+18	2020-08-11	0	0	9	F	85
##	2722	4.996204e+18	2020-08-10	0	0	31	A	93
##	2723	4.999903e+18	2020-08-19	0	0	49	A	0
##	2724	4.999955e+18	2020-08-13	0	0	4	A	16
##	2725	5.363805e+18	2020-08-10	0	0	1	D	41
##	2726	5.539860e+18	2020-08-10	0	0	6	G	100
##	2727	5.001116e+18	2020-08-14	0	0	1	A	15
##	2728	5.007027e+18	2020-08-13	0	0	2	B	0
##	2729	5.007701e+18	2020-08-10	0	0	6	A	18
##	2730	5.009065e+17	2020-08-19	0	0	4	A	51
##	2731	5.009273e+18	2020-08-15	0	0	3	D	0
##	2732	5.023690e+18	2020-08-12	0	0	16	C	39
##	2733	5.030588e+18	2020-08-15	0	0	2	A	141
##	2734	5.050347e+18	2020-08-19	0	0	12	C	0
##	2735	5.056627e+18	2020-08-15	0	0	6	A	0
##	2736	5.059969e+18	2020-08-13	0	0	1	A	0
##	2737	5.060765e+18	2020-08-19	0	0	8	A	0
##	2738	5.061533e+18	2020-08-16	0	0	1	A	0
##	2739	5.063752e+18	2020-08-18	0	0	2	B	0
##	2740	5.069101e+18	2020-08-20	0	0	2	G	0
##	2741	5.069114e+18	2020-08-16	0	0	9	D	81
##	2742	5.076204e+18	2020-08-12	0	0	3	D	43
##	2743	5.095477e+18	2020-08-18	0	0	6	D	81
##	2744	5.101213e+18	2020-08-11	0	0	12	A	141
##	2745	5.109338e+18	2020-08-20	0	0	3	A	0
##	2746	5.113580e+18	2020-08-15	1	229	10	A	0
##	2747	5.117260e+17	2020-08-15	0	0	58	A	31
##	2748	5.128429e+18	2020-08-20	0	0	2	B	0
##	2749	5.130348e+18	2020-08-15	0	0	1	A	141
##	2750	5.139417e+18	2020-08-13	0	0	1	F	52
##	2751	5.146477e+18	2020-08-18	0	0	1	B	0
##	2752	5.147804e+18	2020-08-17	0	0	34	B	72
##	2753	5.147949e+18	2020-08-14	0	0	2	A	13
##	2754	5.151372e+18	2020-08-15	0	0	4	A	0
##	2755	5.152436e+18	2020-08-10	0	0	10	A	0
##	2756	5.165777e+18	2020-08-14	0	0	3	D	51
##	2757	5.168332e+18	2020-08-11	0	0	17	B	54
##	2758	5.170516e+18	2020-08-14	0	0	1	A	15
##	2759	5.174076e+18	2020-08-20	0	0	9	C	0
##	2760	5.187351e+17	2020-08-14	0	0	1	E	0
##	2761	5.187512e+18	2020-08-16	0	0	61	A	30
##	2762	5.189422e+18	2020-08-10	0	0	3	C	0
##	2763	5.191048e+18	2020-08-11	0	0	1	B	0
##	2764	5.198300e+18	2020-08-13	0	0	5	D	42
##	2765	5.227839e+18	2020-08-16	0	0	4	C	0
##	2766	5.233488e+18	2020-08-11	1	1299	12	A	44
##	2767	5.235767e+18	2020-08-19	0	0	4	B	141

##	2768	5.236920e+18	2020-08-13	0	0	6	A	0
##	2769	5.238474e+18	2020-08-17	0	0	36	B	0
##	2770	5.243619e+18	2020-08-10	0	0	11	F	45
##	2771	5.247785e+17	2020-08-17	0	0	3	A	0
##	2772	5.249963e+18	2020-08-10	0	0	9	<NA>	0
##	2773	5.251241e+18	2020-08-11	0	0	8	B	0
##	2774	5.269947e+18	2020-08-14	0	0	4	E	0
##	2775	5.272070e+18	2020-08-10	0	0	4	C	43
##	2776	5.281871e+18	2020-08-17	0	0	1	<NA>	0
##	2777	5.291384e+18	2020-08-11	0	0	6	C	16
##	2778	5.291425e+18	2020-08-13	0	0	1	A	15
##	2779	5.296100e+18	2020-08-12	0	0	2	A	0
##	2780	5.296910e+18	2020-08-19	0	0	2	A	30
##	2781	5.300837e+18	2020-08-13	0	0	13	A	0
##	2782	5.309947e+18	2020-08-13	0	0	9	D	0
##	2783	5.316103e+18	2020-08-12	0	0	8	A	43
##	2784	5.316768e+18	2020-08-12	0	0	4	B	0
##	2785	5.320188e+18	2020-08-10	0	0	2	A	17
##	2786	5.321663e+18	2020-08-17	0	0	2	C	72
##	2787	5.325155e+18	2020-08-10	0	0	2	A	0
##	2788	5.326238e+18	2020-08-20	0	0	1	A	0
##	2789	5.327450e+18	2020-08-18	0	0	1	A	9
##	2790	5.327956e+18	2020-08-14	0	0	5	C	0
##	2791	5.329183e+18	2020-08-17	0	0	7	G	34
##	2792	5.329700e+18	2020-08-20	0	0	13	A	7
##	2793	5.340476e+18	2020-08-11	0	0	2	A	18
##	2794	5.343055e+18	2020-08-18	0	0	9	A	102
##	2795	5.344873e+18	2020-08-20	0	0	48	A	0
##	2796	5.347079e+18	2020-08-11	0	0	12	A	0
##	2797	5.352594e+18	2020-08-18	0	0	2	A	9
##	2798	5.358518e+18	2020-08-17	0	0	16	C	0
##	2799	5.359520e+17	2020-08-13	0	0	13	D	0
##	2800	5.364060e+18	2020-08-12	0	0	7	D	81
##	2801	5.368518e+18	2020-08-17	0	0	4	A	38
##	2802	5.374224e+18	2020-08-17	0	0	3	A	10
##	2803	5.375482e+18	2020-08-15	1	398	5	D	50
##	2804	5.389252e+18	2020-08-10	1	799	17	C	43
##	2805	5.393260e+18	2020-08-17	0	0	18	A	0
##	2806	5.407865e+17	2020-08-12	0	0	2	B	208
##	2807	5.433721e+18	2020-08-12	0	0	1	E	0
##	2808	5.440511e+17	2020-08-16	0	0	6	A	39
##	2809	5.446762e+18	2020-08-14	0	0	8	A	141
##	2810	5.450472e+18	2020-08-10	0	0	3	A	0
##	2811	5.451329e+18	2020-08-11	0	0	2	A	0
##	2812	5.451962e+18	2020-08-14	0	0	8	C	37
##	2813	5.454876e+18	2020-08-20	0	0	1	A	26
##	2814	5.464509e+18	2020-08-12	0	0	1	A	141
##	2815	5.466630e+18	2020-08-12	0	0	3	A	15
##	2816	5.469267e+18	2020-08-14	0	0	20	C	0
##	2817	5.471495e+18	2020-08-11	0	0	2	A	0
##	2818	5.475006e+18	2020-08-13	0	0	34	A	65
##	2819	5.479839e+18	2020-08-11	0	0	4	C	54
##	2820	5.490204e+18	2020-08-18	0	0	1	A	52
##	2821	5.493388e+18	2020-08-18	0	0	1	F	0

##	2822	5.496930e+18	2020-08-16	0	0	1	A	30
##	2823	5.501044e+18	2020-08-19	0	0	3	F	70
##	2824	5.509316e+18	2020-08-17	0	0	5	E	0
##	2825	5.510154e+17	2020-08-20	0	0	6	A	0
##	2826	5.511503e+18	2020-08-10	0	0	21	A	18
##	2827	5.512420e+18	2020-08-15	0	0	24	F	40
##	2828	5.515922e+18	2020-08-13	0	0	32	A	42
##	2829	5.522389e+18	2020-08-13	1	859	27	C	0
##	2830	5.540279e+18	2020-08-14	0	0	4	A	0
##	2831	5.541563e+18	2020-08-20	0	0	2	B	0
##	2832	5.549326e+18	2020-08-16	0	0	1	A	11
##	2833	5.549734e+18	2020-08-12	0	0	9	A	0
##	2834	5.552496e+18	2020-08-14	0	0	4	<NA>	0
##	2835	5.554192e+18	2020-08-17	0	0	1	A	32
##	2836	5.555115e+18	2020-08-10	0	0	14	A	0
##	2837	5.565772e+18	2020-08-16	0	0	2	A	0
##	2838	5.570937e+18	2020-08-10	0	0	3	<NA>	0
##	2839	5.575949e+18	2020-08-10	0	0	11	A	0
##	2840	5.576566e+17	2020-08-20	0	0	1	A	0
##	2841	5.582777e+18	2020-08-15	0	0	1	A	65
##	2842	5.585370e+18	2020-08-13	0	0	1	A	0
##	2843	5.588098e+18	2020-08-14	1	1499	4	A	14
##	2844	5.595045e+18	2020-08-17	0	0	22	D	34
##	2845	5.607994e+18	2020-08-16	0	0	12	A	0
##	2846	5.610029e+18	2020-08-20	0	0	3	A	69
##	2847	5.612122e+18	2020-08-16	0	0	14	A	104
##	2848	5.627403e+18	2020-08-18	0	0	31	B	81
##	2849	5.631888e+18	2020-08-18	0	0	4	D	31
##	2850	5.634610e+18	2020-08-13	0	0	2	A	86
##	2851	5.635838e+18	2020-08-20	0	0	16	B	0
##	2852	5.650880e+18	2020-08-10	0	0	2	B	208
##	2853	5.652180e+18	2020-08-16	0	0	5	E	0
##	2854	5.654876e+18	2020-08-10	0	0	12	A	0
##	2855	5.656117e+18	2020-08-15	0	0	18	C	81
##	2856	5.657727e+18	2020-08-11	1	1199	26	B	0
##	2857	5.662668e+18	2020-08-20	0	0	5	A	0
##	2858	5.668741e+18	2020-08-19	0	0	2	A	8
##	2859	5.670691e+18	2020-08-17	0	0	4	A	10
##	2860	5.676104e+17	2020-08-18	0	0	3	A	102
##	2861	5.676546e+16	2020-08-20	0	0	5	A	35
##	2862	5.677142e+18	2020-08-13	0	0	29	C	14
##	2863	5.679282e+18	2020-08-17	0	0	14	A	0
##	2864	5.744533e+17	2020-08-19	0	0	17	C	65
##	2865	5.745603e+18	2020-08-13	0	0	1	F	14
##	2866	5.757101e+18	2020-08-11	0	0	4	A	44
##	2867	5.759402e+18	2020-08-10	0	0	16	C	41
##	2868	5.760138e+18	2020-08-11	0	0	21	B	81
##	2869	5.765199e+17	2020-08-15	0	0	4	A	14
##	2870	5.768489e+18	2020-08-10	0	0	2	A	0
##	2871	5.775694e+18	2020-08-11	0	0	9	F	0
##	2872	5.785983e+18	2020-08-10	0	0	2	G	223
##	2873	5.789667e+17	2020-08-17	0	0	7	A	53
##	2874	5.796730e+17	2020-08-13	0	0	1	A	65
##	2875	5.796944e+18	2020-08-12	0	0	34	A	43

##	2876	5.797412e+18	2020-08-11	0	0	30	A	92
##	2877	5.797532e+17	2020-08-14	0	0	4	A	0
##	2878	5.798506e+18	2020-08-11	0	0	2	A	0
##	2879	5.800078e+18	2020-08-15	0	0	62	A	0
##	2880	5.803739e+18	2020-08-14	0	0	23	A	0
##	2881	5.812006e+18	2020-08-20	0	0	1	B	0
##	2882	5.812812e+18	2020-08-17	0	0	4	C	0
##	2883	5.828682e+18	2020-08-20	0	0	5	A	7
##	2884	5.829330e+18	2020-08-10	0	0	1	A	0
##	2885	5.829958e+16	2020-08-15	0	0	6	A	0
##	2886	5.837176e+18	2020-08-18	0	0	19	B	0
##	2887	5.841033e+18	2020-08-15	0	0	12	A	40
##	2888	5.844544e+18	2020-08-16	0	0	5	E	0
##	2889	5.850841e+18	2020-08-16	0	0	9	A	0
##	2890	5.851976e+18	2020-08-10	0	0	8	D	41
##	2891	5.859835e+18	2020-08-10	0	0	18	A	0
##	2892	5.862979e+18	2020-08-14	0	0	25	A	0
##	2893	5.863167e+18	2020-08-10	0	0	1	A	0
##	2894	5.864863e+17	2020-08-12	0	0	2	A	0
##	2895	5.868200e+18	2020-08-15	0	0	5	E	0
##	2896	5.870499e+18	2020-08-10	0	0	14	A	0
##	2897	5.871301e+18	2020-08-10	0	0	2	A	0
##	2898	5.872669e+18	2020-08-11	0	0	2	A	18
##	2899	5.882620e+18	2020-08-19	0	0	1	A	8
##	2900	5.885587e+18	2020-08-16	0	0	14	A	39
##	2901	5.894675e+18	2020-08-10	0	0	1	A	17
##	2902	5.898630e+17	2020-08-12	0	0	8	E	0
##	2903	5.898969e+18	2020-08-20	0	0	4	A	0
##	2904	5.903307e+18	2020-08-13	0	0	3	A	16
##	2905	5.906446e+18	2020-08-19	0	0	1	G	152
##	2906	5.914169e+18	2020-08-11	0	0	1	A	0
##	2907	5.919113e+18	2020-08-10	0	0	26	B	0
##	2908	5.922956e+18	2020-08-13	0	0	1	A	0
##	2909	5.923589e+18	2020-08-14	0	0	2	F	105
##	2910	5.926255e+18	2020-08-18	0	0	4	A	10
##	2911	5.926621e+18	2020-08-20	0	0	4	A	69
##	2912	5.930224e+18	2020-08-12	0	0	15	B	0
##	2913	5.931166e+18	2020-08-20	0	0	10	B	31
##	2914	5.932481e+17	2020-08-10	0	0	7	C	0
##	2915	5.938079e+18	2020-08-10	0	0	1	A	110
##	2916	5.938923e+18	2020-08-13	0	0	2	E	0
##	2917	5.940061e+18	2020-08-17	0	0	13	A	0
##	2918	5.946475e+18	2020-08-13	0	0	3	G	158
##	2919	5.946500e+18	2020-08-20	0	0	2	A	100
##	2920	5.947567e+18	2020-08-10	0	0	7	A	65
##	2921	5.948892e+18	2020-08-16	0	0	1	A	0
##	2922	5.954865e+18	2020-08-10	0	0	2	A	0
##	2923	5.956549e+18	2020-08-20	0	0	4	D	0
##	2924	5.962139e+18	2020-08-12	0	0	6	D	39
##	2925	5.964148e+18	2020-08-13	0	0	1	A	0
##	2926	5.964350e+18	2020-08-12	0	0	7	A	141
##	2927	5.964719e+17	2020-08-19	0	0	2	A	9
##	2928	5.965146e+18	2020-08-19	0	0	2	A	101
##	2929	5.968865e+18	2020-08-18	0	0	1	A	37

##	2930	5.971665e+18	2020-08-11	0	0	6	C	16
##	2931	5.971968e+18	2020-08-16	0	0	22	B	49
##	2932	5.972891e+18	2020-08-20	1	939	37	C	0
##	2933	5.977210e+18	2020-08-13	0	0	8	A	0
##	2934	5.985101e+18	2020-08-15	0	0	10	A	14
##	2935	5.989887e+18	2020-08-20	0	0	4	E	0
##	2936	5.999596e+18	2020-08-20	0	0	7	D	29
##	2937	6.126528e+18	2020-08-15	0	0	30	B	0
##	2938	6.591877e+18	2020-08-13	0	0	20	B	0
##	2939	6.004333e+18	2020-08-10	0	0	2	A	0
##	2940	6.005755e+18	2020-08-12	0	0	11	B	53
##	2941	6.019319e+18	2020-08-20	0	0	15	B	223
##	2942	6.023662e+18	2020-08-15	0	0	12	A	0
##	2943	6.025940e+18	2020-08-17	0	0	1	G	34
##	2944	6.047388e+18	2020-08-13	0	0	1	E	0
##	2945	6.047885e+18	2020-08-13	0	0	20	<NA>	0
##	2946	6.051988e+18	2020-08-12	0	0	6	C	81
##	2947	6.052654e+18	2020-08-10	0	0	10	C	55
##	2948	6.062274e+18	2020-08-16	0	0	2	C	11
##	2949	6.065020e+18	2020-08-18	0	0	1	A	28
##	2950	6.072907e+18	2020-08-11	0	0	5	A	44
##	2951	6.077783e+17	2020-08-14	0	0	3	<NA>	95
##	2952	6.078855e+18	2020-08-16	0	0	29	F	103
##	2953	6.082551e+18	2020-08-14	0	0	10	A	65
##	2954	6.097432e+18	2020-08-19	0	0	10	A	0
##	2955	6.100394e+18	2020-08-13	0	0	10	B	0
##	2956	6.104155e+18	2020-08-19	0	0	7	A	0
##	2957	6.106808e+18	2020-08-12	0	0	4	A	43
##	2958	6.107433e+18	2020-08-10	0	0	5	G	100
##	2959	6.107894e+18	2020-08-10	0	0	2	A	0
##	2960	6.109199e+18	2020-08-16	0	0	1	A	30
##	2961	6.137312e+18	2020-08-13	0	0	19	A	0
##	2962	6.141073e+18	2020-08-18	0	0	12	A	0
##	2963	6.155783e+17	2020-08-17	0	0	2	A	103
##	2964	6.158579e+18	2020-08-10	0	0	8	G	161
##	2965	6.160279e+18	2020-08-11	1	659	7	C	0
##	2966	6.162553e+18	2020-08-20	0	0	2	D	0
##	2967	6.165186e+18	2020-08-17	0	0	19	F	32
##	2968	6.165868e+18	2020-08-13	0	0	2	A	0
##	2969	6.168664e+18	2020-08-15	0	0	7	D	156
##	2970	6.172649e+16	2020-08-16	0	0	1	A	0
##	2971	6.177099e+18	2020-08-20	0	0	47	<NA>	124
##	2972	6.179106e+18	2020-08-10	0	0	2	A	0
##	2973	6.179334e+18	2020-08-17	0	0	11	C	34
##	2974	6.181040e+18	2020-08-15	0	0	3	A	0
##	2975	6.187386e+18	2020-08-20	0	0	1	A	29
##	2976	6.196486e+18	2020-08-16	0	0	6	A	0
##	2977	6.200579e+18	2020-08-16	0	0	4	A	54
##	2978	6.201189e+16	2020-08-12	0	0	20	C	17
##	2979	6.204652e+17	2020-08-19	0	0	50	A	51
##	2980	6.207153e+18	2020-08-20	0	0	1	A	141
##	2981	6.211179e+18	2020-08-14	0	0	8	A	41
##	2982	6.216053e+18	2020-08-13	0	0	32	F	52
##	2983	6.220750e+18	2020-08-11	0	0	1	A	0

##	2984	6.224759e+17	2020-08-19	0	0	2	B	0
##	2985	6.226211e+18	2020-08-11	0	0	5	F	54
##	2986	6.227226e+17	2020-08-13	0	0	2	A	0
##	2987	6.228538e+18	2020-08-14	0	0	2	A	0
##	2988	6.235386e+18	2020-08-16	0	0	15	A	0
##	2989	6.238005e+18	2020-08-13	0	0	1	C	0
##	2990	6.242527e+18	2020-08-15	0	0	7	C	0
##	2991	6.243852e+18	2020-08-14	0	0	11	D	109
##	2992	6.250131e+18	2020-08-15	0	0	12	A	65
##	2993	6.250377e+18	2020-08-14	0	0	5	C	0
##	2994	6.250685e+18	2020-08-16	0	0	6	B	35
##	2995	6.269480e+18	2020-08-18	0	0	8	A	71
##	2996	6.281764e+18	2020-08-10	0	0	12	A	45
##	2997	6.294387e+18	2020-08-15	0	0	5	A	0
##	2998	6.295367e+18	2020-08-18	0	0	3	B	71
##	2999	6.295398e+18	2020-08-18	0	0	39	<NA>	126
##	3000	6.305988e+18	2020-08-14	0	0	10	G	51
##	3001	6.312313e+18	2020-08-14	0	0	28	B	2
##	3002	6.314672e+17	2020-08-18	0	0	6	A	0
##	3003	6.315269e+17	2020-08-18	0	0	4	A	52
##	3004	6.316993e+17	2020-08-20	0	0	3	D	81
##	3005	6.318326e+18	2020-08-12	0	0	10	F	0
##	3006	6.324158e+18	2020-08-15	0	0	3	D	0
##	3007	6.325128e+18	2020-08-18	0	0	11	C	47
##	3008	6.326391e+18	2020-08-19	0	0	1	A	36
##	3009	6.327799e+18	2020-08-16	0	0	7	G	208
##	3010	6.332241e+18	2020-08-17	0	0	65	A	0
##	3011	6.337213e+18	2020-08-20	0	0	1	A	7
##	3012	6.365014e+18	2020-08-11	1	1299	25	A	44
##	3013	6.365977e+18	2020-08-15	0	0	3	<NA>	0
##	3014	6.367803e+18	2020-08-11	0	0	1	A	44
##	3015	6.378772e+18	2020-08-15	0	0	7	A	0
##	3016	6.384366e+16	2020-08-18	0	0	18	A	0
##	3017	6.386471e+18	2020-08-16	0	0	2	D	55
##	3018	6.387058e+17	2020-08-13	0	0	6	B	223
##	3019	6.391494e+18	2020-08-19	0	0	29	C	0
##	3020	6.392560e+18	2020-08-20	0	0	6	D	65
##	3021	6.402024e+18	2020-08-16	0	0	33	A	39
##	3022	6.402645e+18	2020-08-16	0	0	9	F	33
##	3023	6.406231e+18	2020-08-11	0	0	7	A	0
##	3024	6.422412e+17	2020-08-12	0	0	8	D	39
##	3025	6.423033e+17	2020-08-10	0	0	3	A	109
##	3026	6.438253e+18	2020-08-20	0	0	9	<NA>	0
##	3027	6.438686e+18	2020-08-14	0	0	1	A	65
##	3028	6.439545e+18	2020-08-11	0	0	7	G	40
##	3029	6.441338e+18	2020-08-19	0	0	8	D	70
##	3030	6.448888e+18	2020-08-19	1	599	26	C	81
##	3031	6.451337e+17	2020-08-14	0	0	6	A	0
##	3032	6.451807e+18	2020-08-11	0	0	2	A	0
##	3033	6.468974e+18	2020-08-13	0	0	4	A	62
##	3034	6.483310e+18	2020-08-14	0	0	2	A	141
##	3035	6.483641e+18	2020-08-11	0	0	15	C	0
##	3036	6.486891e+18	2020-08-13	0	0	2	A	0
##	3037	6.488048e+18	2020-08-14	0	0	5	G	51

## 3038	6.488907e+18	2020-08-10	0	0	41	D	0
## 3039	6.490662e+18	2020-08-14	0	0	18	B	0
## 3040	6.492582e+18	2020-08-10	0	0	7	E	0
## 3041	6.499568e+18	2020-08-10	0	0	9	A	141
## 3042	6.504248e+18	2020-08-19	0	0	6	C	70
## 3043	6.504591e+18	2020-08-18	0	0	5	A	0
## 3044	6.505788e+17	2020-08-18	0	0	1	A	31
## 3045	6.507058e+18	2020-08-14	0	0	2	A	13
## 3046	6.509164e+18	2020-08-15	0	0	5	A	40
## 3047	6.510625e+18	2020-08-11	0	0	55	B	4
## 3048	6.516154e+18	2020-08-13	0	0	2	D	110
## 3049	6.519405e+18	2020-08-19	0	0	2	A	141
## 3050	6.525511e+18	2020-08-15	0	0	4	A	0
## 3051	6.530412e+18	2020-08-11	0	0	3	A	0
## 3052	6.531055e+18	2020-08-10	0	0	1	A	45
## 3053	6.531631e+18	2020-08-17	0	0	12	<NA>	0
## 3054	6.532099e+18	2020-08-12	0	0	27	B	223
## 3055	6.534042e+18	2020-08-18	0	0	1	A	9
## 3056	6.537251e+18	2020-08-20	0	0	4	A	0
## 3057	6.537544e+18	2020-08-16	0	0	30	B	223
## 3058	6.540189e+18	2020-08-14	0	0	4	A	0
## 3059	6.553829e+18	2020-08-10	0	0	1	A	45
## 3060	6.553844e+18	2020-08-10	0	0	8	A	93
## 3061	6.555412e+18	2020-08-17	0	0	2	B	0
## 3062	6.556363e+18	2020-08-16	0	0	31	A	0
## 3063	6.558586e+18	2020-08-15	0	0	6	B	36
## 3064	6.561500e+18	2020-08-10	0	0	2	D	0
## 3065	6.567261e+18	2020-08-17	0	0	103	A	0
## 3066	6.567773e+18	2020-08-16	0	0	21	A	0
## 3067	6.570032e+17	2020-08-17	0	0	3	A	0
## 3068	6.572723e+18	2020-08-19	0	0	1	F	30
## 3069	6.572733e+18	2020-08-16	0	0	3	A	0
## 3070	6.574852e+18	2020-08-20	0	0	17	A	8
## 3071	6.582589e+17	2020-08-12	0	0	4	A	43
## 3072	6.582623e+18	2020-08-20	0	0	1	D	31
## 3073	6.584697e+18	2020-08-19	0	0	22	A	51
## 3074	6.590866e+18	2020-08-20	0	0	2	B	208
## 3075	6.610344e+18	2020-08-19	0	0	2	A	0
## 3076	6.618541e+18	2020-08-18	0	0	1	A	52
## 3077	6.630610e+18	2020-08-18	0	0	23	C	28
## 3078	6.630906e+18	2020-08-14	0	0	1	A	13
## 3079	6.633239e+17	2020-08-13	0	0	1	A	0
## 3080	6.650686e+18	2020-08-16	0	0	1	D	141
## 3081	6.651947e+16	2020-08-14	0	0	6	A	0
## 3082	6.656636e+18	2020-08-12	0	0	2	A	0
## 3083	6.656740e+18	2020-08-11	0	0	2	D	81
## 3084	6.668415e+18	2020-08-12	0	0	4	A	43
## 3085	6.669063e+18	2020-08-11	0	0	11	A	0
## 3086	6.683254e+18	2020-08-14	0	0	1	A	65
## 3087	6.683369e+18	2020-08-18	0	0	2	A	0
## 3088	6.684060e+18	2020-08-10	0	0	2	A	0
## 3089	6.685909e+17	2020-08-17	0	0	1	A	0
## 3090	6.688191e+18	2020-08-12	0	0	17	A	43
## 3091	6.688203e+18	2020-08-14	0	0	1	A	0

##	3092	6.690635e+18	2020-08-11	0	0	4	D	0
##	3093	6.693509e+18	2020-08-14	0	0	57	A	65
##	3094	6.694108e+17	2020-08-13	0	0	1	F	0
##	3095	6.712127e+18	2020-08-19	0	0	4	A	9
##	3096	6.714381e+18	2020-08-15	0	0	5	A	0
##	3097	6.715708e+18	2020-08-12	0	0	3	C	0
##	3098	6.717045e+18	2020-08-10	0	0	12	A	45
##	3099	6.719910e+18	2020-08-11	0	0	1	D	17
##	3100	6.722995e+18	2020-08-18	0	0	5	A	0
##	3101	6.724285e+18	2020-08-12	0	0	1	A	17
##	3102	6.729153e+18	2020-08-11	0	0	6	B	40
##	3103	6.733580e+17	2020-08-15	0	0	6	C	0
##	3104	6.741996e+18	2020-08-10	0	0	25	B	41
##	3105	6.744514e+18	2020-08-12	0	0	19	G	39
##	3106	6.755476e+18	2020-08-10	0	0	2	A	17
##	3107	6.757356e+18	2020-08-14	0	0	1	A	15
##	3108	6.761081e+18	2020-08-20	0	0	2	D	29
##	3109	6.767967e+18	2020-08-11	1	799	37	B	54
##	3110	6.769305e+18	2020-08-10	0	0	3	A	0
##	3111	6.770626e+18	2020-08-17	0	0	8	A	29
##	3112	6.773851e+18	2020-08-15	0	0	2	A	0
##	3113	6.775902e+18	2020-08-13	0	0	13	B	38
##	3114	6.784112e+18	2020-08-10	0	0	1	G	208
##	3115	6.790181e+18	2020-08-16	0	0	5	A	0
##	3116	6.798186e+18	2020-08-15	0	0	1	G	50
##	3117	6.798223e+18	2020-08-17	0	0	3	A	0
##	3118	6.799390e+18	2020-08-16	0	0	29	A	0
##	3119	6.802662e+18	2020-08-13	0	0	5	A	141
##	3120	6.806344e+18	2020-08-16	0	0	22	B	81
##	3121	6.822127e+18	2020-08-17	0	0	1	A	0
##	3122	6.829450e+16	2020-08-15	0	0	1	A	141
##	3123	6.836893e+18	2020-08-10	0	0	1	D	65
##	3124	6.837217e+18	2020-08-12	0	0	2	G	3
##	3125	6.837925e+18	2020-08-13	1	739	85	C	0
##	3126	6.846751e+18	2020-08-13	1	1489	44	A	0
##	3127	6.863087e+17	2020-08-18	0	0	1	B	33
##	3128	6.881725e+18	2020-08-18	0	0	30	A	37
##	3129	6.889881e+18	2020-08-19	0	0	10	D	70
##	3130	6.892811e+18	2020-08-18	0	0	21	A	10
##	3131	6.899364e+18	2020-08-17	0	0	14	B	81
##	3132	6.903979e+18	2020-08-10	0	0	2	A	0
##	3133	6.907608e+18	2020-08-18	0	0	2	E	0
##	3134	6.908860e+18	2020-08-10	0	0	3	F	45
##	3135	6.909503e+18	2020-08-14	1	349	22	C	0
##	3136	6.910563e+18	2020-08-14	0	0	20	A	41
##	3137	6.916509e+18	2020-08-18	0	0	14	A	0
##	3138	6.922663e+18	2020-08-16	0	0	34	D	0
##	3139	6.923543e+18	2020-08-17	0	0	15	A	38
##	3140	6.930358e+18	2020-08-10	1	1299	12	B	0
##	3141	6.930598e+18	2020-08-15	0	0	6	B	36
##	3142	6.941279e+18	2020-08-12	0	0	7	D	53
##	3143	6.941309e+18	2020-08-16	0	0	4	A	141
##	3144	6.942130e+18	2020-08-13	0	0	25	B	2
##	3145	6.969322e+18	2020-08-15	0	0	11	C	122

##	3146	6.979955e+18	2020-08-13	0	0	16	A	65
##	3147	6.981331e+18	2020-08-13	0	0	10	A	0
##	3148	6.991926e+18	2020-08-20	0	0	5	B	31
##	3149	6.993088e+18	2020-08-14	0	0	6	D	0
##	3150	7.900790e+18	2020-08-17	0	0	1	D	0
##	3151	7.955460e+18	2020-08-13	0	0	3	A	0
##	3152	7.004660e+18	2020-08-11	0	0	5	E	17
##	3153	7.006152e+17	2020-08-14	0	0	1	A	41
##	3154	7.008425e+18	2020-08-18	0	0	13	B	62
##	3155	7.013127e+18	2020-08-10	0	0	5	D	100
##	3156	7.016439e+18	2020-08-15	0	0	43	A	0
##	3157	7.016777e+18	2020-08-20	0	0	1	A	0
##	3158	7.018557e+17	2020-08-15	0	0	1	A	13
##	3159	7.019533e+18	2020-08-11	0	0	6	D	40
##	3160	7.022549e+17	2020-08-18	0	0	15	<NA>	0
##	3161	7.025462e+18	2020-08-10	0	0	2	A	93
##	3162	7.043918e+18	2020-08-16	0	0	9	A	0
##	3163	7.045315e+18	2020-08-18	0	0	4	A	0
##	3164	7.045615e+18	2020-08-20	0	0	20	G	103
##	3165	7.047349e+18	2020-08-14	0	0	1	A	0
##	3166	7.058467e+18	2020-08-20	0	0	28	<NA>	0
##	3167	7.061165e+17	2020-08-13	0	0	2	F	16
##	3168	7.092153e+17	2020-08-16	0	0	6	A	0
##	3169	7.094502e+18	2020-08-13	0	0	31	C	0
##	3170	7.100468e+18	2020-08-20	0	0	20	C	59
##	3171	7.104634e+18	2020-08-16	0	0	1	E	130
##	3172	7.108914e+18	2020-08-14	0	0	4	B	0
##	3173	7.112705e+18	2020-08-19	0	0	2	A	0
##	3174	7.115217e+18	2020-08-15	0	0	3	A	0
##	3175	7.121243e+18	2020-08-18	0	0	1	A	0
##	3176	7.121587e+18	2020-08-15	0	0	1	A	65
##	3177	7.134908e+18	2020-08-16	0	0	1	C	208
##	3178	7.141484e+18	2020-08-12	0	0	1	A	87
##	3179	7.144598e+18	2020-08-15	0	0	7	B	0
##	3180	7.151093e+18	2020-08-10	0	0	21	B	41
##	3181	7.154061e+18	2020-08-11	0	0	1	A	65
##	3182	7.155729e+18	2020-08-20	0	0	1	B	0
##	3183	7.171898e+17	2020-08-14	0	0	2	D	0
##	3184	7.177252e+18	2020-08-13	0	0	24	A	14
##	3185	7.179963e+18	2020-08-12	0	0	3	A	16
##	3186	7.182121e+18	2020-08-13	0	0	6	C	0
##	3187	7.186031e+18	2020-08-10	0	0	18	A	0
##	3188	7.189346e+18	2020-08-18	0	0	10	G	47
##	3189	7.200939e+18	2020-08-17	0	0	5	A	0
##	3190	7.203968e+18	2020-08-15	0	0	22	D	0
##	3191	7.206436e+18	2020-08-12	0	0	13	A	0
##	3192	7.206555e+18	2020-08-16	0	0	9	D	107
##	3193	7.208115e+18	2020-08-11	0	0	7	D	0
##	3194	7.219191e+18	2020-08-15	0	0	4	B	0
##	3195	7.225776e+18	2020-08-16	0	0	2	A	54
##	3196	7.226122e+18	2020-08-12	0	0	125	C	0
##	3197	7.235648e+18	2020-08-17	0	0	4	B	81
##	3198	7.242583e+17	2020-08-10	0	0	14	A	0
##	3199	7.244264e+18	2020-08-17	0	0	1	A	38

##	3200	7.245596e+18	2020-08-15	0	0	11	C	36
##	3201	7.249632e+18	2020-08-13	0	0	5	A	62
##	3202	7.254219e+17	2020-08-14	0	0	3	A	0
##	3203	7.255267e+18	2020-08-10	1	209	11	A	0
##	3204	7.264625e+18	2020-08-10	0	0	44	C	43
##	3205	7.264899e+18	2020-08-19	0	0	4	A	0
##	3206	7.270733e+18	2020-08-15	0	0	8	A	65
##	3207	7.270811e+18	2020-08-10	0	0	39	C	5
##	3208	7.284309e+17	2020-08-17	0	0	18	C	81
##	3209	7.284521e+18	2020-08-14	0	0	1	A	15
##	3210	7.292421e+18	2020-08-11	0	0	4	C	42
##	3211	7.301447e+18	2020-08-10	0	0	25	C	0
##	3212	7.304979e+18	2020-08-20	0	0	11	A	0
##	3213	7.311349e+18	2020-08-11	0	0	6	<NA>	0
##	3214	7.316244e+18	2020-08-10	0	0	9	D	0
##	3215	7.316477e+18	2020-08-11	0	0	10	<NA>	0
##	3216	7.323486e+18	2020-08-18	0	0	2	A	31
##	3217	7.325653e+18	2020-08-11	0	0	3	A	16
##	3218	7.332243e+18	2020-08-15	0	0	3	A	0
##	3219	7.334661e+18	2020-08-20	0	0	56	C	31
##	3220	7.338340e+18	2020-08-19	0	0	1	B	0
##	3221	7.339583e+18	2020-08-18	0	0	1	A	0
##	3222	7.351584e+18	2020-08-18	0	0	24	C	81
##	3223	7.355156e+18	2020-08-15	0	0	9	E	0
##	3224	7.360075e+18	2020-08-19	0	0	1	A	9
##	3225	7.377342e+16	2020-08-14	0	0	2	A	141
##	3226	7.387894e+15	2020-08-11	0	0	46	B	40
##	3227	7.388691e+18	2020-08-14	0	0	7	A	41
##	3228	7.388953e+18	2020-08-19	0	0	7	G	223
##	3229	7.390504e+18	2020-08-19	0	0	10	C	0
##	3230	7.394080e+17	2020-08-11	0	0	13	C	42
##	3231	7.416444e+18	2020-08-19	0	0	4	A	51
##	3232	7.419356e+18	2020-08-17	0	0	1	A	53
##	3233	7.421091e+18	2020-08-14	0	0	3	A	0
##	3234	7.426594e+18	2020-08-11	0	0	9	C	0
##	3235	7.427288e+18	2020-08-10	0	0	5	B	0
##	3236	7.428145e+18	2020-08-19	0	0	43	A	0
##	3237	7.428673e+18	2020-08-17	0	0	3	A	10
##	3238	7.434930e+18	2020-08-18	0	0	8	A	31
##	3239	7.435856e+18	2020-08-17	0	0	2	B	0
##	3240	7.437594e+17	2020-08-11	0	0	1	A	44
##	3241	7.444633e+18	2020-08-16	0	0	1	A	0
##	3242	7.446760e+18	2020-08-12	0	0	30	C	59
##	3243	7.449010e+18	2020-08-12	0	0	5	C	39
##	3244	7.452402e+17	2020-08-12	0	0	34	A	0
##	3245	7.466766e+16	2020-08-14	0	0	2	A	0
##	3246	7.474573e+18	2020-08-10	0	0	5	D	141
##	3247	7.485324e+18	2020-08-15	0	0	1	E	0
##	3248	7.486304e+18	2020-08-13	0	0	2	C	0
##	3249	7.489006e+18	2020-08-14	0	0	2	G	109
##	3250	7.499064e+18	2020-08-16	0	0	10	A	33
##	3251	7.510039e+18	2020-08-16	0	0	4	D	49
##	3252	7.511396e+18	2020-08-12	0	0	49	A	0
##	3253	7.514065e+18	2020-08-17	0	0	9	A	0

##	3254	7.523767e+18	2020-08-14	0	0	2	A	15
##	3255	7.528251e+18	2020-08-16	0	0	1	D	84
##	3256	7.546260e+18	2020-08-18	1	739	117	C	0
##	3257	7.553898e+18	2020-08-15	0	0	14	A	0
##	3258	7.556491e+18	2020-08-17	0	0	10	D	106
##	3259	7.565522e+18	2020-08-18	0	0	3	E	0
##	3260	7.565933e+18	2020-08-14	0	0	2	A	0
##	3261	7.569945e+18	2020-08-10	0	0	1	A	0
##	3262	7.572206e+18	2020-08-19	0	0	1	B	0
##	3263	7.575848e+18	2020-08-18	0	0	1	C	71
##	3264	7.577124e+18	2020-08-15	0	0	1	A	62
##	3265	7.577491e+18	2020-08-15	0	0	9	G	50
##	3266	7.591820e+18	2020-08-13	0	0	2	A	65
##	3267	7.593885e+18	2020-08-18	0	0	1	E	0
##	3268	7.595094e+18	2020-08-17	0	0	2	A	129
##	3269	7.608038e+17	2020-08-17	0	0	17	D	72
##	3270	7.610186e+18	2020-08-20	0	0	5	A	0
##	3271	7.612893e+18	2020-08-17	0	0	19	B	0
##	3272	7.618859e+18	2020-08-13	0	0	21	C	58
##	3273	7.635394e+18	2020-08-14	0	0	2	A	13
##	3274	7.637789e+18	2020-08-10	0	0	34	A	45
##	3275	7.642339e+18	2020-08-14	0	0	4	A	0
##	3276	7.645990e+18	2020-08-15	0	0	2	A	40
##	3277	7.646341e+18	2020-08-19	0	0	1	A	51
##	3278	7.651573e+18	2020-08-17	0	0	6	C	10
##	3279	7.661673e+18	2020-08-16	0	0	30	A	0
##	3280	7.662268e+17	2020-08-16	0	0	2	A	0
##	3281	7.664059e+18	2020-08-15	0	0	1	A	40
##	3282	7.667383e+17	2020-08-19	0	0	13	A	0
##	3283	7.668046e+18	2020-08-17	0	0	4	B	0
##	3284	7.669553e+18	2020-08-11	0	0	3	A	18
##	3285	7.676290e+18	2020-08-20	0	0	2	A	100
##	3286	7.680807e+17	2020-08-17	0	0	1	F	72
##	3287	7.682866e+18	2020-08-14	0	0	1	B	57
##	3288	7.684290e+18	2020-08-15	0	0	22	B	50
##	3289	7.696480e+18	2020-08-12	0	0	6	B	39
##	3290	7.699336e+18	2020-08-11	0	0	2	A	108
##	3291	7.708710e+18	2020-08-10	0	0	13	B	41
##	3292	7.709203e+18	2020-08-13	0	0	3	D	138
##	3293	7.713928e+18	2020-08-17	0	0	19	B	0
##	3294	7.714546e+18	2020-08-15	0	0	9	A	0
##	3295	7.717834e+18	2020-08-11	0	0	14	<NA>	4
##	3296	7.719391e+18	2020-08-17	0	0	10	A	129
##	3297	7.721533e+18	2020-08-16	0	0	8	A	33
##	3298	7.726962e+18	2020-08-17	0	0	1	A	38
##	3299	7.729974e+18	2020-08-16	0	0	6	A	0
##	3300	7.732278e+18	2020-08-13	0	0	5	A	0
##	3301	7.737503e+18	2020-08-12	0	0	1	A	0
##	3302	7.740033e+18	2020-08-18	0	0	1	A	0
##	3303	7.745941e+18	2020-08-18	0	0	3	A	37
##	3304	7.748144e+18	2020-08-15	0	0	14	F	36
##	3305	7.749485e+18	2020-08-14	0	0	18	G	51
##	3306	7.752831e+18	2020-08-12	0	0	10	F	0
##	3307	7.756706e+18	2020-08-10	0	0	2	A	17

##	3308	7.761927e+18	2020-08-19	0	0	10	A	36
##	3309	7.761960e+18	2020-08-13	0	0	1	A	42
##	3310	7.766191e+18	2020-08-12	1	398	11	D	0
##	3311	7.771926e+18	2020-08-17	0	0	2	A	38
##	3312	7.773339e+18	2020-08-20	0	0	1	C	69
##	3313	7.774221e+18	2020-08-20	0	0	6	A	8
##	3314	7.778065e+18	2020-08-20	0	0	3	A	141
##	3315	7.779455e+18	2020-08-18	0	0	4	D	0
##	3316	7.780333e+18	2020-08-19	0	0	1	E	127
##	3317	7.789278e+18	2020-08-16	0	0	9	C	81
##	3318	7.793977e+18	2020-08-15	0	0	2	A	31
##	3319	7.800180e+18	2020-08-11	0	0	1	A	0
##	3320	7.809019e+18	2020-08-19	0	0	23	<NA>	0
##	3321	7.811938e+18	2020-08-19	0	0	9	A	0
##	3322	7.814907e+17	2020-08-13	0	0	2	A	62
##	3323	7.816687e+17	2020-08-16	0	0	8	E	0
##	3324	7.818807e+18	2020-08-18	0	0	18	A	52
##	3325	7.819715e+17	2020-08-13	0	0	10	A	0
##	3326	7.831184e+18	2020-08-15	1	1339	5	A	65
##	3327	7.831320e+18	2020-08-11	0	0	4	A	16
##	3328	7.842665e+18	2020-08-10	1	739	146	C	0
##	3329	7.844158e+18	2020-08-19	0	0	1	A	0
##	3330	7.848343e+17	2020-08-16	0	0	12	C	81
##	3331	7.852788e+18	2020-08-12	0	0	7	D	39
##	3332	7.856647e+18	2020-08-14	0	0	2	A	0
##	3333	7.856913e+18	2020-08-20	0	0	5	<NA>	0
##	3334	7.861040e+18	2020-08-13	0	0	2	A	0
##	3335	7.862834e+17	2020-08-12	0	0	5	A	0
##	3336	7.868715e+18	2020-08-17	0	0	3	A	53
##	3337	7.869887e+18	2020-08-14	0	0	7	A	0
##	3338	7.880114e+18	2020-08-12	0	0	1	A	141
##	3339	7.880707e+18	2020-08-10	0	0	16	A	65
##	3340	7.887109e+18	2020-08-17	0	0	8	A	0
##	3341	7.887417e+18	2020-08-17	0	0	8	D	0
##	3342	7.889684e+18	2020-08-18	0	0	5	C	65
##	3343	7.893561e+18	2020-08-19	0	0	8	A	0
##	3344	7.899009e+18	2020-08-17	0	0	5	E	0
##	3345	7.899761e+18	2020-08-17	0	0	1	A	141
##	3346	7.901546e+18	2020-08-14	0	0	2	A	0
##	3347	7.908537e+18	2020-08-12	0	0	11	G	159
##	3348	7.914418e+18	2020-08-10	0	0	3	D	0
##	3349	7.915887e+18	2020-08-17	0	0	2	D	0
##	3350	7.916509e+17	2020-08-14	0	0	28	A	13
##	3351	7.917630e+18	2020-08-19	0	0	3	A	8
##	3352	7.940163e+18	2020-08-17	0	0	2	A	0
##	3353	7.953371e+18	2020-08-14	1	499	43	B	37
##	3354	7.964293e+18	2020-08-17	0	0	2	D	72
##	3355	7.965620e+18	2020-08-13	0	0	17	A	42
##	3356	7.971804e+18	2020-08-13	0	0	6	B	38
##	3357	7.988949e+18	2020-08-15	0	0	2	A	0
##	3358	7.991096e+18	2020-08-12	0	0	20	F	39
##	3359	7.998947e+18	2020-08-11	0	0	36	A	16
##	3360	7.999709e+18	2020-08-17	0	0	13	B	34
##	3361	8.665018e+18	2020-08-17	0	0	56	F	48

##	3362	8.001160e+18	2020-08-17	0	0	2	G	208
##	3363	8.002405e+18	2020-08-14	0	0	34	F	105
##	3364	8.002984e+18	2020-08-16	0	0	7	A	54
##	3365	8.003383e+18	2020-08-10	0	0	9	<NA>	0
##	3366	8.004076e+18	2020-08-13	0	0	4	C	14
##	3367	8.007180e+18	2020-08-17	0	0	1	A	53
##	3368	8.033966e+18	2020-08-15	0	0	10	A	141
##	3369	8.035954e+18	2020-08-18	0	0	3	D	0
##	3370	8.048581e+18	2020-08-16	0	0	10	A	55
##	3371	8.050069e+18	2020-08-11	0	0	26	A	0
##	3372	8.059834e+17	2020-08-15	0	0	1	A	40
##	3373	8.062663e+17	2020-08-15	0	0	1	A	13
##	3374	8.064840e+18	2020-08-11	0	0	21	C	81
##	3375	8.065416e+18	2020-08-19	0	0	22	C	27
##	3376	8.067233e+18	2020-08-17	0	0	8	A	53
##	3377	8.075404e+17	2020-08-12	0	0	1	A	89
##	3378	8.076179e+18	2020-08-20	0	0	5	D	0
##	3379	8.081003e+18	2020-08-13	0	0	4	D	0
##	3380	8.092093e+18	2020-08-15	0	0	4	G	223
##	3381	8.094714e+18	2020-08-14	0	0	1	A	65
##	3382	8.100122e+17	2020-08-19	0	0	1	A	0
##	3383	8.100454e+18	2020-08-12	0	0	28	A	0
##	3384	8.106075e+18	2020-08-11	0	0	26	A	16
##	3385	8.106287e+18	2020-08-11	0	0	17	A	0
##	3386	8.106377e+18	2020-08-11	0	0	45	A	0
##	3387	8.107859e+18	2020-08-11	0	0	2	A	0
##	3388	8.110731e+18	2020-08-14	0	0	11	F	0
##	3389	8.110885e+18	2020-08-19	1	899	21	C	0
##	3390	8.113499e+18	2020-08-20	0	0	1	A	35
##	3391	8.115669e+18	2020-08-10	0	0	1	A	0
##	3392	8.115915e+18	2020-08-12	0	0	1	E	134
##	3393	8.116123e+18	2020-08-16	0	0	4	A	0
##	3394	8.130562e+18	2020-08-13	0	0	24	C	58
##	3395	8.138662e+18	2020-08-11	0	0	9	F	109
##	3396	8.141617e+18	2020-08-14	0	0	18	A	0
##	3397	8.143949e+18	2020-08-15	0	0	1	A	0
##	3398	8.143994e+18	2020-08-18	0	0	3	A	28
##	3399	8.144246e+17	2020-08-16	1	989	52	A	0
##	3400	8.159704e+18	2020-08-16	1	1729	8	A	0
##	3401	8.161941e+18	2020-08-18	0	0	2	G	208
##	3402	8.163425e+18	2020-08-14	0	0	37	F	37
##	3403	8.167109e+16	2020-08-15	0	0	16	<NA>	0
##	3404	8.167116e+18	2020-08-12	0	0	2	D	0
##	3405	8.172947e+18	2020-08-18	0	0	20	B	0
##	3406	8.173611e+18	2020-08-16	0	0	5	A	33
##	3407	8.178739e+18	2020-08-16	0	0	32	B	0
##	3408	8.185758e+18	2020-08-17	0	0	1	<NA>	81
##	3409	8.192011e+18	2020-08-10	0	0	3	D	0
##	3410	8.193290e+18	2020-08-12	0	0	33	F	15
##	3411	8.204230e+17	2020-08-11	0	0	2	A	90
##	3412	8.211551e+18	2020-08-17	0	0	3	B	34
##	3413	8.215334e+18	2020-08-12	0	0	1	A	0
##	3414	8.221568e+18	2020-08-19	0	0	18	B	0
##	3415	8.223072e+18	2020-08-17	0	0	1	A	38

##	3416	8.223337e+18	2020-08-10	0	0	5	E	18
##	3417	8.227283e+18	2020-08-17	0	0	6	D	0
##	3418	8.230593e+18	2020-08-19	0	0	9	F	101
##	3419	8.231115e+18	2020-08-20	0	0	2	A	0
##	3420	8.231582e+18	2020-08-20	0	0	10	B	0
##	3421	8.238008e+18	2020-08-17	0	0	6	A	103
##	3422	8.239642e+17	2020-08-12	0	0	3	A	0
##	3423	8.245665e+18	2020-08-12	0	0	5	A	0
##	3424	8.248904e+17	2020-08-17	0	0	2	F	0
##	3425	8.252997e+18	2020-08-13	0	0	22	B	81
##	3426	8.262759e+18	2020-08-17	0	0	4	C	72
##	3427	8.272898e+18	2020-08-16	0	0	9	A	0
##	3428	8.282085e+18	2020-08-16	0	0	2	D	0
##	3429	8.282117e+18	2020-08-20	0	0	2	D	0
##	3430	8.287692e+18	2020-08-15	0	0	4	A	0
##	3431	8.288853e+18	2020-08-11	0	0	11	C	0
##	3432	8.292690e+18	2020-08-11	0	0	8	A	44
##	3433	8.305647e+18	2020-08-13	0	0	14	B	0
##	3434	8.313684e+18	2020-08-18	0	0	9	A	9
##	3435	8.324885e+18	2020-08-13	0	0	3	A	0
##	3436	8.332206e+18	2020-08-16	0	0	4	A	0
##	3437	8.335720e+18	2020-08-10	0	0	59	B	41
##	3438	8.337848e+18	2020-08-12	0	0	7	A	108
##	3439	8.344489e+18	2020-08-17	0	0	31	A	53
##	3440	8.345390e+18	2020-08-20	0	0	8	A	50
##	3441	8.347616e+18	2020-08-18	0	0	6	A	0
##	3442	8.350776e+18	2020-08-17	0	0	1	<NA>	29
##	3443	8.361649e+18	2020-08-19	0	0	5	C	208
##	3444	8.362061e+17	2020-08-10	1	599	29	B	41
##	3445	8.367628e+18	2020-08-18	0	0	13	F	102
##	3446	8.371797e+18	2020-08-12	0	0	5	D	0
##	3447	8.372691e+18	2020-08-20	0	0	2	A	81
##	3448	8.374136e+18	2020-08-19	0	0	2	A	36
##	3449	8.374809e+18	2020-08-13	0	0	27	A	0
##	3450	8.385826e+18	2020-08-18	0	0	35	A	37
##	3451	8.388813e+18	2020-08-18	0	0	4	A	28
##	3452	8.390325e+18	2020-08-18	0	0	2	A	37
##	3453	8.407988e+18	2020-08-14	0	0	15	F	0
##	3454	8.409048e+18	2020-08-14	0	0	1	D	37
##	3455	8.424142e+18	2020-08-16	0	0	1	A	0
##	3456	8.427921e+18	2020-08-19	0	0	91	A	0
##	3457	8.440934e+18	2020-08-17	0	0	5	A	141
##	3458	8.441380e+18	2020-08-15	0	0	33	A	31
##	3459	8.447005e+18	2020-08-19	0	0	35	A	51
##	3460	8.447059e+18	2020-08-15	0	0	2	A	62
##	3461	8.452745e+18	2020-08-10	0	0	1	A	0
##	3462	8.454003e+18	2020-08-14	0	0	11	F	106
##	3463	8.455254e+18	2020-08-10	0	0	8	A	45
##	3464	8.455860e+17	2020-08-11	0	0	22	F	16
##	3465	8.463513e+18	2020-08-11	0	0	4	A	0
##	3466	8.469272e+18	2020-08-17	0	0	28	B	72
##	3467	8.469887e+18	2020-08-20	0	0	4	A	0
##	3468	8.472394e+18	2020-08-20	0	0	20	C	0
##	3469	8.472968e+18	2020-08-20	0	0	16	G	103

##	3470	8.473833e+18	2020-08-20	0	0	1	A	29
##	3471	8.475500e+18	2020-08-12	0	0	1	A	15
##	3472	8.484053e+18	2020-08-20	0	0	20	A	0
##	3473	8.487247e+18	2020-08-11	0	0	4	F	141
##	3474	8.487770e+18	2020-08-17	0	0	4	A	0
##	3475	8.502334e+18	2020-08-18	0	0	2	B	0
##	3476	8.502405e+16	2020-08-18	1	569	6	A	52
##	3477	8.503918e+18	2020-08-20	0	0	2	A	0
##	3478	8.505223e+18	2020-08-12	0	0	26	F	53
##	3479	8.507542e+18	2020-08-10	0	0	3	A	19
##	3480	8.507750e+17	2020-08-12	0	0	2	A	0
##	3481	8.512435e+18	2020-08-13	0	0	8	A	0
##	3482	8.512809e+18	2020-08-14	0	0	27	B	0
##	3483	8.519240e+18	2020-08-17	0	0	1	A	29
##	3484	8.525041e+18	2020-08-17	0	0	1	A	38
##	3485	8.542795e+18	2020-08-15	0	0	31	C	14
##	3486	8.544507e+18	2020-08-18	0	0	1	A	0
##	3487	8.546847e+18	2020-08-15	0	0	10	A	0
##	3488	8.553019e+18	2020-08-11	0	0	6	B	0
##	3489	8.558187e+18	2020-08-12	0	0	3	E	16
##	3490	8.559059e+18	2020-08-13	0	0	27	A	0
##	3491	8.572364e+18	2020-08-12	0	0	3	A	0
##	3492	8.572905e+18	2020-08-20	1	1499	32	A	8
##	3493	8.573840e+18	2020-08-20	0	0	7	A	0
##	3494	8.574016e+18	2020-08-18	0	0	7	A	28
##	3495	8.575745e+18	2020-08-11	0	0	4	B	0
##	3496	8.578718e+18	2020-08-16	0	0	17	F	33
##	3497	8.582187e+18	2020-08-17	0	0	2	A	0
##	3498	8.588737e+18	2020-08-12	0	0	5	G	53
##	3499	8.590432e+18	2020-08-17	0	0	2	B	0
##	3500	8.593902e+18	2020-08-15	0	0	9	A	105
##	3501	8.602060e+18	2020-08-11	0	0	3	A	92
##	3502	8.613534e+18	2020-08-18	0	0	9	A	0
##	3503	8.615790e+18	2020-08-20	0	0	2	A	141
##	3504	8.619817e+18	2020-08-16	0	0	2	A	12
##	3505	8.620715e+18	2020-08-14	0	0	23	C	0
##	3506	8.622877e+18	2020-08-15	0	0	19	C	0
##	3507	8.630615e+18	2020-08-17	0	0	3	A	0
##	3508	8.632911e+18	2020-08-18	0	0	2	A	0
##	3509	8.634901e+17	2020-08-17	0	0	51	C	34
##	3510	8.634950e+18	2020-08-11	0	0	1	A	0
##	3511	8.646678e+18	2020-08-14	0	0	2	A	13
##	3512	8.647906e+18	2020-08-14	0	0	18	A	0
##	3513	8.651426e+18	2020-08-17	1	739	126	C	0
##	3514	8.654536e+18	2020-08-18	1	699	1	F	0
##	3515	8.655789e+18	2020-08-10	0	0	10	C	62
##	3516	8.657590e+18	2020-08-12	0	0	1	A	0
##	3517	8.658803e+18	2020-08-19	0	0	9	A	36
##	3518	8.659361e+18	2020-08-15	0	0	21	A	13
##	3519	8.662244e+18	2020-08-15	0	0	40	A	40
##	3520	8.667133e+18	2020-08-17	0	0	1	A	38
##	3521	8.668068e+18	2020-08-12	0	0	1	D	16
##	3522	8.673800e+18	2020-08-16	0	0	3	A	54
##	3523	8.677883e+18	2020-08-15	0	0	1	D	0

## 3524	8.678770e+18	2020-08-18	0	0	3	B	71
## 3525	8.681231e+18	2020-08-12	0	0	7	B	77
## 3526	8.687854e+18	2020-08-13	0	0	6	E	0
## 3527	8.701944e+15	2020-08-15	0	0	1	A	0
## 3528	8.707128e+18	2020-08-12	0	0	1	A	15
## 3529	8.707152e+17	2020-08-18	0	0	5	D	0
## 3530	8.711614e+18	2020-08-13	0	0	17	F	42
## 3531	8.739258e+18	2020-08-12	0	0	5	C	59
## 3532	8.742201e+18	2020-08-11	0	0	3	A	92
## 3533	8.744661e+18	2020-08-19	0	0	3	D	65
## 3534	8.745350e+18	2020-08-12	0	0	11	A	43
## 3535	8.752346e+18	2020-08-17	0	0	18	D	32
## 3536	8.757853e+18	2020-08-12	0	0	1	D	0
## 3537	8.759252e+18	2020-08-19	2	1578	35	C	32
## 3538	8.760185e+17	2020-08-11	0	0	4	A	141
## 3539	8.760669e+18	2020-08-20	0	0	3	C	81
## 3540	8.783313e+18	2020-08-11	1	1339	50	A	16
## 3541	8.786289e+18	2020-08-11	0	0	19	A	16
## 3542	8.788476e+18	2020-08-13	0	0	8	A	14
## 3543	8.790055e+18	2020-08-19	0	0	22	B	46
## 3544	8.794869e+18	2020-08-10	0	0	1	A	0
## 3545	8.799856e+18	2020-08-18	0	0	2	A	0
## 3546	8.809952e+18	2020-08-14	0	0	3	A	0
## 3547	8.810263e+18	2020-08-16	0	0	16	C	0
## 3548	8.823384e+18	2020-08-11	0	0	9	A	0
## 3549	8.823932e+18	2020-08-14	0	0	23	C	0
## 3550	8.824384e+18	2020-08-16	0	0	3	A	12
## 3551	8.829191e+18	2020-08-10	0	0	44	A	0
## 3552	8.830259e+18	2020-08-15	0	0	1	E	0
## 3553	8.832317e+18	2020-08-15	0	0	7	A	0
## 3554	8.837698e+17	2020-08-12	0	0	2	A	0
## 3555	8.845209e+18	2020-08-19	0	0	3	A	0
## 3556	8.847288e+18	2020-08-13	0	0	1	A	0
## 3557	8.850687e+18	2020-08-19	0	0	3	D	0
## 3558	8.852793e+18	2020-08-19	0	0	3	B	208
## 3559	8.855921e+18	2020-08-15	0	0	11	A	0
## 3560	8.859086e+18	2020-08-17	0	0	13	A	0
## 3561	8.866757e+18	2020-08-12	0	0	5	A	0
## 3562	8.869670e+18	2020-08-10	0	0	14	C	0
## 3563	8.882804e+18	2020-08-14	0	0	3	E	0
## 3564	8.886337e+17	2020-08-16	0	0	3	A	39
## 3565	8.890768e+18	2020-08-13	0	0	21	C	0
## 3566	8.891396e+18	2020-08-11	0	0	1	A	0
## 3567	8.894885e+18	2020-08-16	0	0	2	D	0
## 3568	8.907762e+18	2020-08-13	0	0	6	A	42
## 3569	8.908233e+18	2020-08-20	0	0	8	A	141
## 3570	8.915473e+18	2020-08-14	0	0	15	F	0
## 3571	8.917064e+18	2020-08-19	0	0	5	F	0
## 3572	8.919304e+18	2020-08-11	0	0	1	A	90
## 3573	8.919599e+18	2020-08-10	0	0	8	D	65
## 3574	8.923815e+18	2020-08-13	0	0	1	A	42
## 3575	8.924188e+18	2020-08-18	0	0	2	F	0
## 3576	8.931912e+18	2020-08-11	0	0	5	A	92
## 3577	8.933929e+18	2020-08-20	0	0	2	E	0

##	3578	8.940403e+18	2020-08-15	0	0	10	F	0
##	3579	8.941127e+18	2020-08-11	0	0	2	A	0
##	3580	8.947083e+18	2020-08-18	0	0	6	A	128
##	3581	8.961811e+18	2020-08-14	0	0	2	A	65
##	3582	8.965633e+18	2020-08-18	0	0	6	A	52
##	3583	8.967250e+18	2020-08-20	0	0	1	F	26
##	3584	8.968771e+18	2020-08-15	0	0	2	D	136
##	3585	8.973100e+18	2020-08-19	0	0	43	B	0
##	3586	8.977094e+18	2020-08-14	1	549	8	A	0
##	3587	8.980079e+18	2020-08-14	0	0	13	A	14
##	3588	8.990439e+18	2020-08-10	0	0	7	D	41
##	3589	8.992087e+17	2020-08-18	0	0	11	C	71
##	3590	8.996578e+18	2020-08-18	0	0	4	D	10
##	3591	8.999932e+18	2020-08-10	0	0	1	A	0
##	3592	9.142813e+18	2020-08-14	0	0	4	B	0
##	3593	9.001728e+18	2020-08-15	0	0	1	A	40
##	3594	9.004561e+18	2020-08-20	0	0	29	B	81
##	3595	9.006144e+17	2020-08-11	0	0	2	A	18
##	3596	9.006312e+18	2020-08-11	0	0	2	A	0
##	3597	9.010411e+18	2020-08-10	0	0	8	C	0
##	3598	9.015626e+18	2020-08-20	0	0	6	A	0
##	3599	9.017642e+18	2020-08-19	0	0	1	D	0
##	3600	9.022555e+17	2020-08-15	0	0	26	C	62
##	3601	9.023294e+18	2020-08-12	0	0	20	B	53
##	3602	9.024759e+18	2020-08-20	0	0	5	C	0
##	3603	9.028005e+18	2020-08-14	0	0	1	B	0
##	3604	9.037833e+18	2020-08-15	0	0	34	B	36
##	3605	9.045284e+18	2020-08-10	0	0	5	C	208
##	3606	9.047726e+18	2020-08-12	0	0	8	A	0
##	3607	9.050610e+18	2020-08-14	0	0	3	A	0
##	3608	9.061590e+18	2020-08-10	0	0	2	A	0
##	3609	9.061861e+18	2020-08-14	0	0	5	C	81
##	3610	9.077124e+18	2020-08-16	0	0	2	A	39
##	3611	9.077412e+18	2020-08-18	0	0	6	A	0
##	3612	9.084739e+18	2020-08-14	0	0	13	<NA>	0
##	3613	9.093942e+18	2020-08-14	0	0	4	D	0
##	3614	9.108125e+18	2020-08-13	0	0	3	B	0
##	3615	9.110496e+18	2020-08-12	0	0	3	B	0
##	3616	9.114113e+18	2020-08-20	0	0	3	A	29
##	3617	9.126195e+18	2020-08-10	0	0	4	B	0
##	3618	9.127453e+18	2020-08-14	0	0	22	C	81
##	3619	9.127668e+17	2020-08-19	0	0	6	A	70
##	3620	9.133579e+18	2020-08-10	0	0	17	A	65
##	3621	9.137444e+18	2020-08-14	0	0	7	C	51
##	3622	9.139176e+18	2020-08-13	0	0	2	G	52
##	3623	9.143400e+18	2020-08-16	0	0	23	C	30
##	3624	9.148269e+18	2020-08-14	0	0	9	A	41
##	3625	9.149014e+18	2020-08-20	0	0	6	A	0
##	3626	9.154303e+18	2020-08-16	0	0	2	E	0
##	3627	9.154760e+17	2020-08-18	0	0	4	D	71
##	3628	9.159652e+18	2020-08-18	0	0	1	A	52
##	3629	9.160976e+18	2020-08-20	0	0	5	A	0
##	3630	9.167836e+18	2020-08-12	0	0	5	A	0
##	3631	9.172686e+18	2020-08-10	0	0	3	A	45

## 3632	9.174815e+18	2020-08-17	0	0	2	A	0
## 3633	9.180842e+18	2020-08-14	0	0	2	A	0
## 3634	9.184196e+18	2020-08-20	0	0	2	C	0
## 3635	9.187753e+18	2020-08-18	0	0	2	A	37
## 3636	9.189387e+18	2020-08-13	0	0	6	A	0
## 3637	9.190266e+18	2020-08-19	1	939	44	C	0
## 3638	9.194221e+17	2020-08-17	0	0	3	G	83
## 3639	9.197518e+17	2020-08-11	0	0	2	A	0
## 3640	9.198534e+18	2020-08-14	0	0	1	A	141
## 3641	9.199312e+17	2020-08-10	0	0	1	A	45
## 3642	9.201995e+18	2020-08-19	0	0	2	A	36
## 3643	9.203847e+18	2020-08-14	0	0	8	A	0
## 3644	9.211661e+18	2020-08-16	0	0	7	A	33
## 3645	9.214252e+18	2020-08-16	0	0	6	B	81
## 3646	9.215501e+18	2020-08-11	0	0	6	A	0
## 3647	9.221085e+18	2020-08-19	0	0	4	C	70
## 3648	9.232317e+18	2020-08-19	0	0	1	E	0
## 3649	9.235771e+18	2020-08-13	0	0	4	A	0
## 3650	9.237171e+18	2020-08-12	0	0	10	A	43
## 3651	9.237470e+18	2020-08-13	0	0	11	A	15
## 3652	9.238648e+18	2020-08-15	0	0	14	A	131
## 3653	9.240907e+18	2020-08-10	0	0	5	A	0
## 3654	9.247029e+18	2020-08-10	0	0	1	A	0
## 3655	9.254134e+18	2020-08-16	0	0	4	D	49
## 3656	9.257778e+17	2020-08-13	0	0	28	A	0
## 3657	9.260333e+18	2020-08-14	0	0	42	B	0
## 3658	9.268384e+18	2020-08-10	0	0	11	D	55
## 3659	9.269710e+18	2020-08-14	0	0	1	A	15
## 3660	9.271908e+18	2020-08-11	0	0	1	E	99
## 3661	9.273439e+17	2020-08-18	0	0	3	A	0
## 3662	9.282931e+18	2020-08-16	0	0	5	D	0
## 3663	9.283893e+18	2020-08-15	0	0	12	B	56
## 3664	9.285840e+18	2020-08-11	0	0	2	A	0
## 3665	9.286254e+18	2020-08-13	0	0	2	D	158
## 3666	9.293938e+18	2020-08-17	0	0	2	A	0
## 3667	9.298889e+18	2020-08-20	0	0	3	D	0
## 3668	9.306342e+18	2020-08-12	0	0	12	A	0
## 3669	9.309892e+18	2020-08-19	0	0	9	C	46
## 3670	9.310804e+18	2020-08-13	0	0	14	G	52
## 3671	9.319293e+18	2020-08-10	0	0	2	A	93
## 3672	9.321535e+18	2020-08-19	0	0	4	A	30
## 3673	9.325707e+18	2020-08-14	0	0	8	B	37
## 3674	9.362271e+18	2020-08-13	0	0	13	A	0
## 3675	9.362726e+18	2020-08-17	0	0	11	D	154
## 3676	9.363085e+18	2020-08-10	0	0	9	A	45
## 3677	9.370120e+18	2020-08-15	0	0	8	G	208
## 3678	9.370373e+18	2020-08-16	0	0	1	A	54
## 3679	9.372593e+18	2020-08-11	0	0	22	B	0
## 3680	9.376923e+18	2020-08-17	0	0	4	A	0
## 3681	9.377315e+18	2020-08-15	1	399	44	B	36
## 3682	9.380404e+18	2020-08-11	0	0	27	G	0
## 3683	9.382236e+18	2020-08-18	0	0	13	C	9
## 3684	9.397807e+18	2020-08-18	0	0	2	A	37
## 3685	9.404400e+18	2020-08-16	0	0	10	F	0

## 3686	9.409323e+18	2020-08-11	0	0	1	A	0
## 3687	9.413320e+18	2020-08-18	0	0	3	A	0
## 3688	9.420476e+18	2020-08-12	0	0	3	A	108
## 3689	9.423404e+18	2020-08-11	0	0	4	A	0
## 3690	9.425383e+18	2020-08-11	0	0	8	D	54
## 3691	9.426955e+18	2020-08-19	0	0	5	C	118
## 3692	9.449628e+18	2020-08-14	0	0	2	A	0
## 3693	9.457596e+18	2020-08-15	0	0	3	A	0
## 3694	9.458520e+17	2020-08-14	0	0	2	A	65
## 3695	9.463702e+18	2020-08-18	0	0	9	B	33
## 3696	9.465902e+18	2020-08-16	0	0	6	A	0
## 3697	9.469189e+18	2020-08-19	0	0	22	A	51
## 3698	9.475900e+18	2020-08-15	0	0	1	E	0
## 3699	9.477403e+18	2020-08-10	0	0	63	A	45
## 3700	9.479994e+18	2020-08-20	0	0	6	C	81
## 3701	9.481846e+18	2020-08-10	0	0	2	A	17
## 3702	9.482343e+17	2020-08-19	0	0	9	A	9
## 3703	9.482407e+18	2020-08-10	0	0	10	C	93
## 3704	9.489021e+18	2020-08-16	0	0	26	B	0
## 3705	9.499207e+18	2020-08-19	0	0	5	A	0
## 3706	9.504249e+18	2020-08-20	0	0	8	A	0
## 3707	9.506859e+18	2020-08-20	0	0	7	B	0
## 3708	9.521641e+18	2020-08-16	0	0	104	A	0
## 3709	9.525519e+18	2020-08-15	0	0	14	C	12
## 3710	9.525882e+16	2020-08-15	0	0	1	A	0
## 3711	9.527693e+18	2020-08-10	0	0	1	A	0
## 3712	9.529070e+18	2020-08-17	0	0	10	C	81
## 3713	9.541527e+18	2020-08-18	0	0	15	C	71
## 3714	9.545666e+18	2020-08-20	0	0	46	C	81
## 3715	9.546814e+18	2020-08-18	0	0	12	C	61
## 3716	9.549216e+18	2020-08-18	0	0	5	A	0
## 3717	9.555946e+18	2020-08-19	0	0	2	D	0
## 3718	9.556788e+18	2020-08-16	0	0	1	E	0
## 3719	9.562962e+18	2020-08-19	0	0	5	A	0
## 3720	9.564457e+18	2020-08-20	0	0	3	C	208
## 3721	9.564987e+18	2020-08-14	0	0	25	A	0
## 3722	9.565658e+18	2020-08-20	0	0	7	A	0
## 3723	9.567176e+18	2020-08-17	0	0	22	F	102
## 3724	9.569770e+18	2020-08-12	0	0	4	C	0
## 3725	9.574675e+18	2020-08-13	0	0	3	B	0
## 3726	9.576185e+17	2020-08-19	0	0	24	F	32
## 3727	9.579115e+18	2020-08-10	0	0	2	A	0
## 3728	9.582277e+18	2020-08-11	0	0	2	<NA>	0
## 3729	9.587170e+18	2020-08-17	0	0	12	A	38
## 3730	9.587799e+18	2020-08-18	0	0	2	C	208
## 3731	9.590955e+18	2020-08-10	0	0	13	D	0
## 3732	9.593250e+17	2020-08-14	0	0	11	D	51
## 3733	9.595723e+18	2020-08-19	0	0	6	C	0
## 3734	9.595746e+18	2020-08-19	0	0	26	C	30
## 3735	9.596892e+18	2020-08-14	0	0	3	D	81
## 3736	9.597000e+18	2020-08-15	0	0	5	A	40
## 3737	9.597375e+17	2020-08-15	0	0	1	D	0
## 3738	9.598086e+18	2020-08-19	0	0	1	A	27
## 3739	9.599983e+18	2020-08-12	0	0	1	A	89

## 3740	9.601087e+18	2020-08-20	0	0	2	A	50
## 3741	9.602144e+18	2020-08-14	0	0	1	A	0
## 3742	9.606558e+18	2020-08-14	0	0	67	C	208
## 3743	9.610989e+18	2020-08-17	0	0	2	A	0
## 3744	9.612954e+18	2020-08-12	1	599	31	B	39
## 3745	9.616354e+18	2020-08-14	0	0	2	A	62
## 3746	9.618390e+18	2020-08-19	0	0	3	A	0
## 3747	9.622055e+18	2020-08-18	0	0	4	A	0
## 3748	9.637029e+18	2020-08-15	0	0	41	B	36
## 3749	9.640799e+18	2020-08-17	0	0	9	C	10
## 3750	9.641066e+18	2020-08-10	0	0	13	A	0
## 3751	9.643632e+17	2020-08-13	1	2159	8	A	0
## 3752	9.643767e+18	2020-08-14	0	0	38	A	0
## 3753	9.646110e+17	2020-08-18	0	0	1	A	37
## 3754	9.653617e+18	2020-08-15	0	0	11	C	56
## 3755	9.668391e+18	2020-08-11	0	0	6	A	17
## 3756	9.680330e+18	2020-08-14	0	0	1	A	0
## 3757	9.683596e+18	2020-08-16	0	0	3	A	0
## 3758	9.684289e+18	2020-08-13	0	0	34	<NA>	131
## 3759	9.694004e+18	2020-08-19	1	399	27	B	62
## 3760	9.694881e+18	2020-08-13	0	0	3	A	141
## 3761	9.694919e+17	2020-08-15	0	0	6	A	0
## 3762	9.698097e+18	2020-08-17	0	0	7	A	29
## 3763	9.698588e+18	2020-08-17	0	0	1	A	53
## 3764	9.698794e+18	2020-08-13	0	0	5	A	62
## 3765	9.703503e+17	2020-08-10	0	0	2	A	65
## 3766	9.705368e+17	2020-08-10	0	0	8	C	0
## 3767	9.724310e+18	2020-08-15	0	0	7	A	12
## 3768	9.725507e+18	2020-08-20	0	0	4	A	50
## 3769	9.733975e+17	2020-08-15	0	0	3	C	81
## 3770	9.734359e+18	2020-08-20	0	0	8	D	151
## 3771	9.734715e+18	2020-08-13	0	0	6	A	16
## 3772	9.739745e+18	2020-08-10	0	0	5	E	0
## 3773	9.741392e+18	2020-08-10	0	0	1	A	17
## 3774	9.747345e+18	2020-08-12	0	0	8	A	43
## 3775	9.749018e+18	2020-08-16	0	0	3	D	0
## 3776	9.751373e+18	2020-08-19	0	0	3	D	32
## 3777	9.759551e+18	2020-08-18	0	0	12	B	0
## 3778	9.764724e+18	2020-08-11	0	0	1	A	0
## 3779	9.766839e+18	2020-08-18	0	0	14	F	33
## 3780	9.768571e+18	2020-08-16	0	0	1	D	0
## 3781	9.771508e+18	2020-08-19	0	0	3	D	132
## 3782	9.774974e+18	2020-08-15	0	0	50	A	0
## 3783	9.775236e+18	2020-08-19	0	0	8	C	208
## 3784	9.789319e+18	2020-08-14	0	0	44	F	51
## 3785	9.789934e+18	2020-08-14	0	0	12	A	15
## 3786	9.794741e+18	2020-08-17	0	0	51	A	0
## 3787	9.796148e+18	2020-08-10	0	0	10	C	41
## 3788	9.797702e+17	2020-08-11	0	0	36	A	0
## 3789	9.800749e+18	2020-08-14	0	0	5	A	13
## 3790	9.804677e+17	2020-08-17	0	0	19	B	62
## 3791	9.810002e+18	2020-08-18	0	0	10	A	52
## 3792	9.814040e+18	2020-08-18	0	0	2	B	0
## 3793	9.820122e+17	2020-08-15	0	0	1	A	65

##	3794	9.841824e+18	2020-08-13	0	0	5	A	0
##	3795	9.844385e+18	2020-08-18	0	0	3	D	105
##	3796	9.844880e+18	2020-08-16	0	0	7	C	49
##	3797	9.849045e+18	2020-08-17	0	0	4	A	103
##	3798	9.851045e+18	2020-08-17	0	0	2	A	53
##	3799	9.856580e+17	2020-08-19	0	0	13	B	70
##	3800	9.859422e+18	2020-08-18	0	0	1	A	0
##	3801	9.860247e+18	2020-08-14	0	0	1	A	14
##	3802	9.861684e+18	2020-08-12	0	0	4	A	59
##	3803	9.869589e+18	2020-08-13	0	0	3	A	0
##	3804	9.879206e+18	2020-08-17	0	0	1	A	0
##	3805	9.884531e+18	2020-08-11	0	0	18	C	18
##	3806	9.893659e+18	2020-08-15	0	0	1	B	0
##	3807	9.898054e+18	2020-08-10	0	0	4	A	62
##	3808	9.898356e+18	2020-08-17	0	0	10	A	0
##	3809	9.898972e+18	2020-08-14	1	679	2	A	0
##	3810	9.901833e+18	2020-08-13	0	0	21	A	0
##	3811	9.902522e+18	2020-08-17	0	0	2	A	0
##	3812	9.903956e+18	2020-08-18	0	0	3	A	52
##	3813	9.910829e+18	2020-08-11	0	0	5	A	109
##	3814	9.911746e+18	2020-08-15	0	0	2	A	0
##	3815	9.918529e+17	2020-08-19	0	0	1	E	0
##	3816	9.922261e+18	2020-08-13	0	0	1	C	58
##	3817	9.925305e+18	2020-08-10	1	209	18	D	161
##	3818	9.929637e+18	2020-08-18	0	0	34	C	33
##	3819	9.932056e+18	2020-08-17	0	0	2	A	32
##	3820	9.934800e+18	2020-08-14	0	0	13	C	0
##	3821	9.937194e+18	2020-08-13	0	0	6	F	0
##	3822	9.938888e+18	2020-08-14	0	0	1	A	41
##	3823	9.941006e+18	2020-08-20	0	0	31	F	31
##	3824	9.944224e+18	2020-08-11	0	0	1	A	16
##	3825	9.949873e+18	2020-08-20	0	0	1	A	35
##	3826	9.952553e+18	2020-08-11	0	0	5	D	54
##	3827	9.957508e+18	2020-08-10	0	0	4	A	110
##	3828	9.962647e+18	2020-08-13	0	0	3	D	52
##	3829	9.963923e+18	2020-08-17	0	0	9	F	0
##	3830	9.967963e+18	2020-08-16	0	0	8	C	55
##	3831	9.969404e+18	2020-08-17	0	0	3	B	141
##	3832	9.973236e+18	2020-08-15	0	0	2	<NA>	31
##	3833	9.979839e+18	2020-08-13	0	0	5	A	0
##	3834	9.981237e+18	2020-08-10	0	0	27	C	41
##	3835	9.984243e+18	2020-08-12	0	0	2	A	0
##	3836	9.986856e+18	2020-08-17	0	0	6	A	72
##	3837	9.992661e+18	2020-08-14	0	0	5	A	0
##	3838	9.999647e+18	2020-08-17	0	0	3	B	0

merged_data

##		product	date	purchases	sales	views	category	leadtime
##	1	1.001496e+19	2020-08-11	0	0	9	B	0
##	2	1.007131e+19	2020-08-15	0	0	3	A	13
##	3	1.009407e+19	2020-08-15	0	0	30	C	0
##	4	1.018505e+19	2020-08-14	0	0	1	A	0
##	5	1.033200e+19	2020-08-12	0	0	1	E	0

## 6	1.037374e+19	2020-08-10	0	0	3	A	45
## 7	1.042241e+19	2020-08-14	0	0	8	A	15
## 8	1.043119e+19	2020-08-10	0	0	2	E	0
## 9	1.043279e+19	2020-08-12	0	0	3	D	0
## 10	1.050126e+19	2020-08-11	0	0	10	A	44
## 11	1.050848e+19	2020-08-15	0	0	5	D	0
## 12	1.064012e+19	2020-08-20	0	0	11	C	7
## 13	1.065184e+19	2020-08-14	0	0	1	E	0
## 14	1.065448e+19	2020-08-18	0	0	8	A	37
## 15	1.067274e+19	2020-08-12	0	0	2	D	0
## 16	1.072191e+19	2020-08-15	0	0	8	C	0
## 17	1.074350e+19	2020-08-14	0	0	15	A	13
## 18	1.074716e+19	2020-08-11	0	0	8	C	42
## 19	1.089763e+19	2020-08-14	0	0	1	D	0
## 20	1.108085e+19	2020-08-17	0	0	4	A	11
## 21	1.108878e+19	2020-08-10	0	0	49	B	81
## 22	1.118525e+19	2020-08-19	0	0	7	F	0
## 23	1.122460e+19	2020-08-15	0	0	2	A	0
## 24	1.125120e+19	2020-08-11	0	0	6	G	160
## 25	1.126054e+19	2020-08-20	1	1699	17	A	0
## 26	1.129345e+19	2020-08-15	0	0	1	B	0
## 27	1.131919e+19	2020-08-16	0	0	3	A	54
## 28	1.136773e+19	2020-08-19	0	0	1	A	9
## 29	1.140792e+19	2020-08-18	0	0	12	A	0
## 30	1.146044e+19	2020-08-17	0	0	2	A	10
## 31	1.147944e+19	2020-08-17	0	0	3	A	0
## 32	1.152645e+19	2020-08-15	0	0	1	D	0
## 33	1.157444e+19	2020-08-19	0	0	4	A	141
## 34	1.163561e+19	2020-08-13	0	0	6	A	141
## 35	1.163699e+19	2020-08-12	0	0	17	A	15
## 36	1.167079e+19	2020-08-18	0	0	6	A	0
## 37	1.168062e+19	2020-08-12	0	0	4	C	81
## 38	1.180276e+19	2020-08-12	0	0	3	A	15
## 39	1.183167e+19	2020-08-10	0	0	53	F	17
## 40	1.183467e+19	2020-08-19	0	0	45	A	0
## 41	1.184630e+19	2020-08-13	0	0	1	A	15
## 42	1.186865e+19	2020-08-16	0	0	26	A	12
## 43	1.188752e+19	2020-08-16	0	0	5	B	0
## 44	1.192222e+19	2020-08-11	0	0	8	C	42
## 45	1.192781e+19	2020-08-12	0	0	2	F	0
## 46	1.193522e+19	2020-08-20	0	0	1	A	7
## 47	1.201885e+19	2020-08-19	0	0	1	D	30
## 48	1.203017e+19	2020-08-15	0	0	20	A	65
## 49	1.204003e+19	2020-08-16	0	0	4	B	55
## 50	1.204814e+19	2020-08-16	0	0	1	A	0
## 51	1.206880e+19	2020-08-18	1	599	22	B	0
## 52	1.208259e+19	2020-08-14	0	0	46	A	41
## 53	1.210138e+19	2020-08-17	0	0	13	A	0
## 54	1.211708e+19	2020-08-19	0	0	1	B	32
## 55	1.214690e+19	2020-08-14	0	0	3	C	62
## 56	1.216011e+19	2020-08-16	0	0	3	A	54
## 57	1.233652e+19	2020-08-14	0	0	31	B	37
## 58	1.234798e+19	2020-08-20	1	149	2	B	0
## 59	1.235754e+19	2020-08-14	0	0	27	F	37

## 60	1.239653e+19	2020-08-17	0	0	1	A	38
## 61	1.243682e+19	2020-08-10	0	0	10	C	0
## 62	1.250547e+19	2020-08-13	0	0	3	A	0
## 63	1.252077e+19	2020-08-18	0	0	2	D	71
## 64	1.254919e+19	2020-08-18	0	0	43	B	0
## 65	1.259651e+19	2020-08-16	0	0	2	A	130
## 66	1.266993e+19	2020-08-16	0	0	2	A	0
## 67	1.269503e+19	2020-08-11	0	0	1	D	99
## 68	1.279337e+19	2020-08-14	0	0	89	C	0
## 69	1.279565e+19	2020-08-20	0	0	4	B	69
## 70	1.281333e+19	2020-08-11	0	0	3	A	109
## 71	1.282363e+19	2020-08-12	0	0	12	C	0
## 72	1.292501e+18	2020-08-11	0	0	1	A	90
## 73	1.296793e+19	2020-08-12	0	0	1	A	0
## 74	1.300346e+19	2020-08-19	0	0	4	A	36
## 75	1.312213e+19	2020-08-12	0	0	9	F	84
## 76	1.316945e+19	2020-08-11	0	0	14	B	40
## 77	1.317058e+19	2020-08-17	0	0	7	A	32
## 78	1.325441e+19	2020-08-12	0	0	1	A	108
## 79	1.344085e+19	2020-08-19	0	0	28	A	0
## 80	1.347750e+19	2020-08-17	0	0	6	D	0
## 81	1.348651e+19	2020-08-13	0	0	6	C	124
## 82	1.350887e+19	2020-08-13	0	0	1	A	0
## 83	1.351190e+19	2020-08-14	0	0	3	D	65
## 84	1.355119e+19	2020-08-14	0	0	3	G	37
## 85	1.357385e+19	2020-08-11	0	0	1	A	90
## 86	1.369969e+19	2020-08-17	0	0	5	C	10
## 87	1.371079e+19	2020-08-16	0	0	1	A	30
## 88	1.377121e+19	2020-08-19	1	169	4	B	32
## 89	1.381495e+19	2020-08-10	0	0	15	F	86
## 90	1.388232e+19	2020-08-11	0	0	3	A	18
## 91	1.389672e+19	2020-08-11	0	0	1	D	42
## 92	1.393479e+19	2020-08-18	0	0	3	G	71
## 93	1.404919e+19	2020-08-13	0	0	1	A	0
## 94	1.405332e+19	2020-08-15	0	0	38	<NA>	129
## 95	1.417043e+19	2020-08-13	0	0	10	F	14
## 96	1.418931e+19	2020-08-19	0	0	4	B	70
## 97	1.420919e+19	2020-08-10	1	249	7	D	41
## 98	1.421679e+19	2020-08-12	0	0	2	A	87
## 99	1.426715e+19	2020-08-13	0	0	3	A	42
## 100	1.431126e+19	2020-08-17	0	0	24	F	103
## 101	1.435548e+19	2020-08-16	0	0	12	A	54
## 102	1.435767e+19	2020-08-15	0	0	1	A	12
## 103	1.449765e+19	2020-08-11	0	0	53	C	208
## 104	1.464662e+19	2020-08-18	0	0	9	F	0
## 105	1.479523e+19	2020-08-20	0	0	3	C	7
## 106	1.484235e+19	2020-08-15	0	0	4	F	0
## 107	1.491418e+19	2020-08-12	0	0	1	A	0
## 108	1.495264e+19	2020-08-16	0	0	21	A	39
## 109	1.496373e+19	2020-08-17	0	0	6	C	120
## 110	1.497005e+19	2020-08-14	0	0	80	A	0
## 111	1.500946e+19	2020-08-17	0	0	6	A	38
## 112	1.503663e+19	2020-08-18	0	0	3	F	81
## 113	1.505711e+19	2020-08-13	0	0	1	A	0

## 114	1.509436e+19	2020-08-10	0	0	1	D	0
## 115	1.516850e+19	2020-08-14	0	0	8	A	0
## 116	1.517497e+19	2020-08-14	0	0	6	A	0
## 117	1.523909e+19	2020-08-17	0	0	5	A	0
## 118	1.526688e+18	2020-08-18	0	0	14	<NA>	0
## 119	1.533906e+19	2020-08-12	0	0	2	A	43
## 120	1.534786e+19	2020-08-18	0	0	4	A	141
## 121	1.549408e+19	2020-08-11	0	0	7	C	40
## 122	1.549572e+19	2020-08-18	0	0	7	A	0
## 123	1.550091e+19	2020-08-14	0	0	10	A	0
## 124	1.551890e+19	2020-08-20	0	0	5	C	69
## 125	1.552926e+19	2020-08-20	0	0	1	A	50
## 126	1.557873e+19	2020-08-16	0	0	2	D	0
## 127	1.577063e+19	2020-08-18	0	0	1	A	37
## 128	1.586302e+19	2020-08-20	0	0	9	A	0
## 129	1.588718e+19	2020-08-17	0	0	2	A	53
## 130	1.589532e+19	2020-08-17	0	0	79	C	208
## 131	1.591672e+19	2020-08-12	0	0	3	C	0
## 132	1.600647e+19	2020-08-19	0	0	10	A	0
## 133	1.603321e+19	2020-08-12	0	0	11	A	0
## 134	1.607473e+19	2020-08-18	0	0	2	D	31
## 135	1.608307e+19	2020-08-19	0	0	12	A	30
## 136	1.610829e+19	2020-08-13	0	0	17	C	58
## 137	1.613725e+19	2020-08-17	0	0	9	C	62
## 138	1.614084e+19	2020-08-13	0	0	2	D	0
## 139	1.616808e+19	2020-08-18	0	0	2	A	0
## 140	1.628041e+19	2020-08-17	0	0	1	A	0
## 141	1.628622e+19	2020-08-18	0	0	2	A	71
## 142	1.632645e+19	2020-08-19	0	0	4	A	100
## 143	1.647584e+19	2020-08-10	0	0	12	F	110
## 144	1.652978e+19	2020-08-15	0	0	46	A	0
## 145	1.668063e+19	2020-08-16	0	0	10	A	0
## 146	1.680589e+19	2020-08-10	0	0	23	A	17
## 147	1.681808e+19	2020-08-16	0	0	1	A	0
## 148	1.694520e+19	2020-08-16	0	0	6	A	39
## 149	1.701602e+19	2020-08-10	0	0	12	C	81
## 150	1.703879e+19	2020-08-19	0	0	2	A	0
## 151	1.706127e+19	2020-08-12	0	0	2	A	0
## 152	1.712232e+19	2020-08-12	0	0	4	B	59
## 153	1.712314e+19	2020-08-20	0	0	2	<NA>	0
## 154	1.714544e+19	2020-08-14	0	0	6	A	106
## 155	1.716121e+19	2020-08-12	0	0	4	A	0
## 156	1.719180e+19	2020-08-15	0	0	1	F	0
## 157	1.724413e+19	2020-08-17	0	0	4	D	83
## 158	1.727012e+19	2020-08-15	0	0	1	A	0
## 159	1.727758e+19	2020-08-13	0	0	5	A	107
## 160	1.729523e+19	2020-08-19	0	0	5	A	0
## 161	1.732256e+19	2020-08-15	0	0	7	B	74
## 162	1.734212e+19	2020-08-18	0	0	8	A	31
## 163	1.734961e+19	2020-08-18	0	0	22	C	33
## 164	1.736917e+19	2020-08-11	1	399	32	B	0
## 165	1.737240e+19	2020-08-12	0	0	2	F	17
## 166	1.750503e+19	2020-08-13	0	0	1	A	0
## 167	1.755093e+19	2020-08-16	0	0	4	A	0

## 168	1.758254e+19	2020-08-17	0	0	5	G	154
## 169	1.758472e+18	2020-08-18	0	0	22	D	0
## 170	1.758835e+19	2020-08-20	0	0	15	G	69
## 171	1.766062e+19	2020-08-17	0	0	2	E	91
## 172	1.771047e+19	2020-08-17	0	0	2	A	0
## 173	1.775916e+19	2020-08-11	0	0	9	A	0
## 174	1.779837e+19	2020-08-12	0	0	6	G	0
## 175	1.780126e+19	2020-08-19	0	0	19	A	9
## 176	1.785774e+19	2020-08-20	0	0	1	D	0
## 177	1.803955e+19	2020-08-10	0	0	28	A	0
## 178	1.804984e+19	2020-08-13	0	0	6	A	86
## 179	1.810688e+19	2020-08-12	0	0	25	C	0
## 180	1.813907e+19	2020-08-19	0	0	4	<NA>	0
## 181	1.814952e+19	2020-08-14	0	0	4	A	13
## 182	1.817920e+19	2020-08-18	0	0	3	A	31
## 183	1.818516e+19	2020-08-16	0	0	3	A	39
## 184	1.825441e+19	2020-08-19	0	0	17	C	0
## 185	1.831259e+19	2020-08-15	0	0	7	F	81
## 186	1.832940e+19	2020-08-10	0	0	31	A	45
## 187	1.833019e+19	2020-08-10	0	0	39	G	41
## 188	1.839781e+19	2020-08-20	0	0	2	D	80
## 189	1.001081e+19	2020-08-10	0	0	4	G	81
## 190	1.001601e+19	2020-08-11	0	0	15	C	40
## 191	1.001713e+19	2020-08-19	0	0	3	A	0
## 192	1.002486e+19	2020-08-18	0	0	4	C	71
## 193	1.003008e+18	2020-08-20	0	0	1	D	8
## 194	1.003122e+19	2020-08-13	0	0	1	A	106
## 195	1.004202e+19	2020-08-12	0	0	2	A	0
## 196	1.004280e+18	2020-08-14	0	0	6	C	0
## 197	1.004465e+19	2020-08-16	0	0	2	G	49
## 198	1.004516e+19	2020-08-15	0	0	11	<NA>	10
## 199	1.004921e+19	2020-08-14	0	0	28	B	0
## 200	1.005319e+19	2020-08-10	0	0	30	A	0
## 201	1.005872e+18	2020-08-12	0	0	7	A	0
## 202	1.005955e+19	2020-08-16	0	0	3	B	0
## 203	1.006249e+18	2020-08-14	0	0	1	A	0
## 204	1.007165e+17	2020-08-19	0	0	4	D	0
## 205	1.009207e+19	2020-08-15	0	0	1	A	40
## 206	1.009982e+19	2020-08-10	0	0	2	A	0
## 207	1.010711e+19	2020-08-16	0	0	3	A	0
## 208	1.010935e+19	2020-08-20	0	0	10	A	0
## 209	1.011329e+19	2020-08-12	0	0	4	A	0
## 210	1.011909e+19	2020-08-13	0	0	10	C	38
## 211	1.012045e+18	2020-08-11	0	0	2	B	0
## 212	1.012287e+19	2020-08-16	0	0	11	D	35
## 213	1.012948e+19	2020-08-20	0	0	97	A	0
## 214	1.013075e+19	2020-08-17	0	0	7	A	141
## 215	1.013240e+19	2020-08-16	0	0	5	A	39
## 216	1.013345e+19	2020-08-12	0	0	40	A	15
## 217	1.013576e+19	2020-08-20	0	0	1	D	0
## 218	1.013739e+19	2020-08-13	0	0	4	A	14
## 219	1.014826e+19	2020-08-15	0	0	172	C	0
## 220	1.014903e+19	2020-08-16	0	0	1	F	0
## 221	1.015857e+19	2020-08-11	0	0	1	B	0

## 222	1.016060e+18	2020-08-16	0	0	18	B	0
## 223	1.016226e+19	2020-08-19	0	0	1	G	70
## 224	1.016465e+19	2020-08-13	0	0	8	C	62
## 225	1.016638e+19	2020-08-15	0	0	2	A	0
## 226	1.016648e+19	2020-08-13	0	0	20	A	42
## 227	1.017929e+19	2020-08-10	0	0	4	D	85
## 228	1.018059e+19	2020-08-16	0	0	11	C	35
## 229	1.018948e+16	2020-08-14	0	0	1	A	141
## 230	1.019323e+19	2020-08-14	0	0	5	G	51
## 231	1.019489e+19	2020-08-12	0	0	3	A	0
## 232	1.019938e+19	2020-08-18	0	0	44	A	37
## 233	1.019952e+19	2020-08-11	0	0	2	A	0
## 234	1.021440e+19	2020-08-10	0	0	7	B	141
## 235	1.021842e+19	2020-08-16	0	0	8	A	0
## 236	1.021971e+19	2020-08-10	0	0	1	A	0
## 237	1.023396e+19	2020-08-12	0	0	5	A	0
## 238	1.024183e+19	2020-08-14	0	0	8	A	62
## 239	1.024257e+19	2020-08-10	0	0	3	A	0
## 240	1.024352e+19	2020-08-16	0	0	4	D	0
## 241	1.025069e+18	2020-08-13	0	0	5	C	58
## 242	1.025304e+19	2020-08-12	0	0	6	C	15
## 243	1.025609e+19	2020-08-14	0	0	1	A	141
## 244	1.025639e+19	2020-08-14	0	0	3	D	95
## 245	1.025933e+19	2020-08-20	0	0	6	C	69
## 246	1.026046e+19	2020-08-15	0	0	3	A	0
## 247	1.026632e+19	2020-08-20	0	0	51	A	0
## 248	1.027546e+18	2020-08-14	0	0	1	A	0
## 249	1.027794e+19	2020-08-20	0	0	1	A	50
## 250	1.029271e+19	2020-08-16	0	0	6	G	49
## 251	1.029418e+19	2020-08-20	0	0	4	B	69
## 252	1.029725e+19	2020-08-13	0	0	9	A	14
## 253	1.031331e+19	2020-08-20	1	399	42	B	0
## 254	1.031436e+19	2020-08-18	0	0	2	A	10
## 255	1.031445e+19	2020-08-19	0	0	1	A	9
## 256	1.031982e+19	2020-08-16	0	0	11	B	49
## 257	1.033131e+19	2020-08-19	0	0	2	A	0
## 258	1.033334e+19	2020-08-16	0	0	4	A	30
## 259	1.033379e+19	2020-08-16	0	0	1	A	39
## 260	1.033498e+19	2020-08-17	0	0	1	A	0
## 261	1.033775e+19	2020-08-13	0	0	1	A	42
## 262	1.034374e+19	2020-08-16	0	0	1	A	54
## 263	1.035264e+19	2020-08-18	0	0	1	A	0
## 264	1.036330e+19	2020-08-14	0	0	35	A	0
## 265	1.036386e+19	2020-08-16	0	0	3	B	0
## 266	1.036406e+19	2020-08-18	0	0	1	A	141
## 267	1.036547e+19	2020-08-18	0	0	1	A	9
## 268	1.036935e+19	2020-08-11	0	0	1	A	0
## 269	1.037266e+19	2020-08-14	0	0	15	D	0
## 270	1.037341e+19	2020-08-13	0	0	12	A	0
## 271	1.037950e+19	2020-08-20	0	0	21	A	35
## 272	1.038355e+19	2020-08-13	0	0	4	D	96
## 273	1.039354e+19	2020-08-17	0	0	3	G	106
## 274	1.039438e+19	2020-08-13	0	0	6	A	141
## 275	1.039541e+19	2020-08-16	0	0	39	B	35

## 276	1.040247e+19	2020-08-17	0	0	14	G	48
## 277	1.040705e+19	2020-08-18	0	0	5	C	0
## 278	1.041032e+19	2020-08-19	1	739	108	C	0
## 279	1.041600e+19	2020-08-19	0	0	1	A	0
## 280	1.041695e+18	2020-08-14	0	0	4	A	85
## 281	1.042327e+19	2020-08-13	0	0	4	C	0
## 282	1.042461e+19	2020-08-15	0	0	2	G	36
## 283	1.042768e+19	2020-08-10	0	0	47	A	0
## 284	1.042828e+19	2020-08-11	0	0	4	A	141
## 285	1.043305e+19	2020-08-13	0	0	4	A	65
## 286	1.043769e+19	2020-08-13	0	0	9	F	0
## 287	1.044483e+19	2020-08-15	0	0	27	B	0
## 288	1.044614e+18	2020-08-20	0	0	8	C	0
## 289	1.044680e+19	2020-08-10	0	0	4	A	17
## 290	1.045393e+18	2020-08-13	0	0	2	A	0
## 291	1.045530e+19	2020-08-10	0	0	37	A	0
## 292	1.045762e+19	2020-08-12	0	0	40	A	0
## 293	1.045868e+19	2020-08-11	0	0	1	A	0
## 294	1.046605e+19	2020-08-11	0	0	1	A	0
## 295	1.046846e+19	2020-08-20	0	0	4	D	0
## 296	1.047360e+19	2020-08-11	0	0	1	G	54
## 297	1.047807e+18	2020-08-11	1	3549	6	A	0
## 298	1.047852e+19	2020-08-19	0	0	7	A	51
## 299	1.047984e+19	2020-08-15	0	0	5	A	141
## 300	1.048022e+19	2020-08-14	0	0	1	A	0
## 301	1.048099e+19	2020-08-12	0	0	4	A	0
## 302	1.048623e+19	2020-08-20	0	0	2	D	131
## 303	1.048745e+19	2020-08-13	0	0	10	C	0
## 304	1.049204e+19	2020-08-16	0	0	2	A	12
## 305	1.049697e+19	2020-08-13	0	0	18	B	52
## 306	1.049947e+19	2020-08-19	0	0	5	A	0
## 307	1.050665e+19	2020-08-13	1	299	0	A	0
## 308	1.050779e+19	2020-08-11	0	0	22	A	17
## 309	1.051106e+19	2020-08-12	0	0	12	A	0
## 310	1.051232e+19	2020-08-12	0	0	23	A	91
## 311	1.051329e+19	2020-08-10	0	0	3	A	0
## 312	1.052009e+19	2020-08-11	0	0	4	A	0
## 313	1.052325e+19	2020-08-12	0	0	8	A	0
## 314	1.052922e+19	2020-08-14	0	0	5	C	57
## 315	1.053942e+19	2020-08-18	0	0	6	B	71
## 316	1.054139e+19	2020-08-10	0	0	5	B	41
## 317	1.054457e+19	2020-08-10	0	0	8	D	41
## 318	1.054497e+19	2020-08-20	0	0	7	A	50
## 319	1.055418e+19	2020-08-14	0	0	8	G	157
## 320	1.055465e+19	2020-08-10	0	0	1	F	0
## 321	1.055613e+19	2020-08-19	0	0	20	C	166
## 322	1.056307e+18	2020-08-14	0	0	5	B	0
## 323	1.056319e+19	2020-08-18	0	0	1	A	52
## 324	1.056985e+19	2020-08-16	0	0	1	A	0
## 325	1.058063e+19	2020-08-13	0	0	2	A	0
## 326	1.058184e+19	2020-08-13	0	0	7	C	0
## 327	1.058249e+19	2020-08-14	0	0	4	C	57
## 328	1.058779e+19	2020-08-13	0	0	10	C	16
## 329	1.059410e+19	2020-08-20	0	0	1	A	7

## 330	1.059425e+19	2020-08-20	0	0	20	D	0
## 331	1.059457e+19	2020-08-13	0	0	1	A	14
## 332	1.059505e+19	2020-08-19	0	0	9	C	81
## 333	1.059926e+19	2020-08-18	0	0	2	E	0
## 334	1.060605e+19	2020-08-14	0	0	9	A	0
## 335	1.060815e+19	2020-08-16	0	0	5	A	54
## 336	1.061532e+19	2020-08-10	0	0	23	B	5
## 337	1.061661e+19	2020-08-13	0	0	1	A	52
## 338	1.062030e+19	2020-08-15	0	0	6	F	0
## 339	1.062140e+19	2020-08-19	0	0	1	A	27
## 340	1.062365e+19	2020-08-20	0	0	13	A	0
## 341	1.062585e+18	2020-08-17	0	0	1	A	0
## 342	1.062984e+19	2020-08-15	0	0	1	F	84
## 343	1.063516e+19	2020-08-11	0	0	6	C	0
## 344	1.063991e+19	2020-08-18	0	0	6	A	0
## 345	1.064497e+19	2020-08-14	0	0	2	A	41
## 346	1.065440e+19	2020-08-12	0	0	44	<NA>	132
## 347	1.065445e+19	2020-08-18	0	0	9	<NA>	0
## 348	1.065625e+19	2020-08-11	0	0	1	<NA>	16
## 349	1.065757e+19	2020-08-14	0	0	1	A	41
## 350	1.066502e+19	2020-08-19	0	0	15	C	81
## 351	1.066790e+19	2020-08-18	0	0	3	A	31
## 352	1.067666e+18	2020-08-18	0	0	10	C	33
## 353	1.067911e+18	2020-08-11	0	0	2	E	0
## 354	1.068063e+19	2020-08-15	0	0	14	F	105
## 355	1.068162e+19	2020-08-20	0	0	2	A	35
## 356	1.068220e+19	2020-08-13	0	0	12	A	0
## 357	1.069343e+19	2020-08-19	0	0	8	A	36
## 358	1.069543e+19	2020-08-10	1	259	2	A	45
## 359	1.069779e+19	2020-08-13	0	0	8	A	0
## 360	1.070489e+19	2020-08-13	0	0	3	A	141
## 361	1.070996e+19	2020-08-15	0	0	16	D	50
## 362	1.071301e+18	2020-08-18	0	0	7	A	37
## 363	1.071329e+19	2020-08-13	0	0	3	C	0
## 364	1.072628e+19	2020-08-10	0	0	38	B	0
## 365	1.072754e+19	2020-08-11	0	0	25	A	0
## 366	1.073125e+19	2020-08-11	0	0	8	C	42
## 367	1.073407e+19	2020-08-15	0	0	6	D	13
## 368	1.074816e+19	2020-08-11	0	0	2	A	0
## 369	1.075802e+19	2020-08-13	0	0	9	A	0
## 370	1.077426e+19	2020-08-16	0	0	4	D	49
## 371	1.077918e+19	2020-08-15	0	0	2	G	50
## 372	1.078012e+19	2020-08-20	0	0	1	A	50
## 373	1.078623e+19	2020-08-13	0	0	25	F	38
## 374	1.078688e+18	2020-08-12	1	679	23	C	0
## 375	1.078949e+19	2020-08-11	0	0	13	A	0
## 376	1.079024e+19	2020-08-12	0	0	1	A	0
## 377	1.079071e+19	2020-08-18	0	0	4	B	0
## 378	1.079210e+18	2020-08-15	0	0	15	F	0
## 379	1.079219e+19	2020-08-16	0	0	36	A	0
## 380	1.080234e+19	2020-08-20	0	0	37	B	69
## 381	1.080479e+19	2020-08-12	0	0	35	C	0
## 382	1.080721e+19	2020-08-20	0	0	8	A	0
## 383	1.080795e+19	2020-08-10	0	0	1	F	69

## 384	1.081495e+19	2020-08-17	0	0	3	A	53
## 385	1.081625e+19	2020-08-18	0	0	12	A	0
## 386	1.083913e+19	2020-08-13	0	0	1	A	88
## 387	1.084272e+19	2020-08-16	0	0	10	D	49
## 388	1.084463e+19	2020-08-19	0	0	6	F	0
## 389	1.085255e+19	2020-08-18	0	0	2	A	37
## 390	1.085485e+19	2020-08-13	0	0	1	A	14
## 391	1.085836e+19	2020-08-20	0	0	2	D	0
## 392	1.086073e+19	2020-08-18	0	0	3	A	31
## 393	1.086840e+18	2020-08-19	0	0	1	A	27
## 394	1.087986e+19	2020-08-19	0	0	1	F	27
## 395	1.088348e+19	2020-08-13	0	0	2	A	0
## 396	1.088766e+19	2020-08-12	0	0	1	F	53
## 397	1.088843e+19	2020-08-17	0	0	1	E	0
## 398	1.088908e+19	2020-08-20	1	1119	44	A	0
## 399	1.088924e+19	2020-08-16	0	0	2	C	55
## 400	1.089836e+19	2020-08-17	0	0	5	D	32
## 401	1.091452e+19	2020-08-17	0	0	10	C	72
## 402	1.091536e+19	2020-08-10	0	0	2	F	0
## 403	1.093423e+19	2020-08-11	1	1599	13	A	141
## 404	1.094211e+19	2020-08-19	0	0	1	A	0
## 405	1.094262e+19	2020-08-15	0	0	1	A	0
## 406	1.095647e+19	2020-08-20	0	0	2	G	208
## 407	1.095972e+19	2020-08-12	0	0	6	<NA>	0
## 408	1.096752e+18	2020-08-16	0	0	2	A	104
## 409	1.096980e+19	2020-08-15	0	0	26	C	36
## 410	1.097588e+19	2020-08-15	0	0	7	C	50
## 411	1.097718e+18	2020-08-15	0	0	7	E	13
## 412	1.097800e+19	2020-08-18	0	0	20	A	9
## 413	1.097818e+19	2020-08-18	0	0	4	D	133
## 414	1.097918e+19	2020-08-17	0	0	3	A	53
## 415	1.098120e+19	2020-08-18	0	0	5	A	0
## 416	1.098362e+19	2020-08-16	0	0	16	C	11
## 417	1.098404e+19	2020-08-12	0	0	18	A	87
## 418	1.098489e+19	2020-08-13	0	0	14	C	38
## 419	1.098794e+19	2020-08-15	0	0	1	A	13
## 420	1.099615e+19	2020-08-20	0	0	10	B	0
## 421	1.099812e+19	2020-08-20	0	0	5	D	0
## 422	1.100118e+18	2020-08-16	0	0	14	C	55
## 423	1.100154e+19	2020-08-17	0	0	1	A	53
## 424	1.100985e+19	2020-08-10	0	0	6	A	65
## 425	1.101243e+19	2020-08-10	0	0	1	A	0
## 426	1.101624e+19	2020-08-19	0	0	3	A	30
## 427	1.101735e+19	2020-08-13	0	0	3	B	38
## 428	1.102369e+19	2020-08-17	0	0	5	B	0
## 429	1.102455e+19	2020-08-19	1	649	51	C	208
## 430	1.102898e+18	2020-08-13	0	0	1	B	0
## 431	1.103099e+18	2020-08-13	0	0	1	<NA>	0
## 432	1.103866e+19	2020-08-11	0	0	2	A	141
## 433	1.103871e+19	2020-08-10	0	0	4	A	45
## 434	1.104020e+19	2020-08-10	0	0	3	A	0
## 435	1.104199e+19	2020-08-12	0	0	1	A	0
## 436	1.105540e+19	2020-08-19	0	0	1	C	0
## 437	1.106255e+19	2020-08-14	0	0	1	A	0

## 438	1.106330e+19	2020-08-12	0	0	4	A	0
## 439	1.106573e+19	2020-08-12	0	0	6	A	0
## 440	1.106577e+19	2020-08-12	0	0	1	A	107
## 441	1.106742e+19	2020-08-14	0	0	1	E	132
## 442	1.107980e+19	2020-08-19	0	0	1	A	30
## 443	1.108024e+19	2020-08-14	0	0	31	A	0
## 444	1.108470e+19	2020-08-14	0	0	52	B	37
## 445	1.108985e+18	2020-08-16	0	0	31	<NA>	128
## 446	1.109427e+19	2020-08-10	0	0	3	D	0
## 447	1.109674e+19	2020-08-12	0	0	10	F	43
## 448	1.109713e+19	2020-08-17	0	0	2	G	48
## 449	1.111059e+18	2020-08-19	0	0	1	A	141
## 450	1.111065e+19	2020-08-19	0	0	11	C	81
## 451	1.111128e+19	2020-08-13	0	0	5	B	76
## 452	1.111525e+19	2020-08-14	0	0	7	<NA>	2
## 453	1.111734e+18	2020-08-15	0	0	3	A	0
## 454	1.111765e+19	2020-08-14	0	0	6	B	0
## 455	1.112423e+19	2020-08-15	0	0	13	C	56
## 456	1.112698e+19	2020-08-20	0	0	7	B	31
## 457	1.112879e+19	2020-08-12	0	0	2	A	0
## 458	1.112946e+19	2020-08-12	0	0	1	A	89
## 459	1.113250e+19	2020-08-15	0	0	4	A	0
## 460	1.113575e+19	2020-08-16	0	0	1	A	12
## 461	1.116037e+19	2020-08-16	0	0	4	C	0
## 462	1.116154e+19	2020-08-19	0	0	6	A	0
## 463	1.116654e+19	2020-08-11	0	0	12	A	0
## 464	1.117033e+19	2020-08-11	0	0	12	D	40
## 465	1.118019e+19	2020-08-10	0	0	12	C	0
## 466	1.118073e+19	2020-08-11	0	0	7	F	44
## 467	1.118510e+19	2020-08-19	0	0	36	A	0
## 468	1.118545e+19	2020-08-10	0	0	50	<NA>	99
## 469	1.119149e+19	2020-08-10	0	0	8	C	0
## 470	1.119888e+19	2020-08-13	0	0	11	F	0
## 471	1.120241e+19	2020-08-12	0	0	15	A	0
## 472	1.124013e+19	2020-08-14	0	0	2	D	137
## 473	1.124429e+19	2020-08-17	0	0	1	A	0
## 474	1.124479e+19	2020-08-13	0	0	5	A	42
## 475	1.124875e+18	2020-08-14	0	0	2	A	0
## 476	1.125600e+18	2020-08-20	0	0	5	<NA>	26
## 477	1.126703e+19	2020-08-12	0	0	3	G	208
## 478	1.126866e+17	2020-08-10	0	0	3	D	0
## 479	1.127471e+19	2020-08-11	1	219	8	E	0
## 480	1.128529e+18	2020-08-10	0	0	2	F	17
## 481	1.129020e+19	2020-08-17	0	0	32	C	0
## 482	1.129328e+19	2020-08-20	0	0	1	A	50
## 483	1.130339e+19	2020-08-18	0	0	24	B	71
## 484	1.130901e+19	2020-08-11	0	0	11	A	0
## 485	1.130926e+19	2020-08-15	0	0	3	B	0
## 486	1.131830e+19	2020-08-16	0	0	63	A	0
## 487	1.132197e+18	2020-08-19	0	0	5	A	0
## 488	1.132974e+19	2020-08-15	0	0	4	A	40
## 489	1.133262e+19	2020-08-16	0	0	58	A	12
## 490	1.133900e+19	2020-08-18	0	0	2	D	0
## 491	1.134042e+19	2020-08-20	0	0	1	G	223

## 492	1.134686e+19	2020-08-13	0	0	2	A	0
## 493	1.134873e+18	2020-08-19	0	0	1	A	8
## 494	1.135077e+19	2020-08-12	0	0	8	A	108
## 495	1.135112e+19	2020-08-16	0	0	1	A	11
## 496	1.135331e+19	2020-08-15	0	0	4	C	12
## 497	1.135824e+19	2020-08-10	0	0	2	G	65
## 498	1.136142e+19	2020-08-20	1	1499	49	A	50
## 499	1.136275e+19	2020-08-15	0	0	11	A	40
## 500	1.137603e+19	2020-08-13	0	0	4	F	83
## 501	1.137699e+19	2020-08-20	0	0	8	F	29
## 502	1.138664e+18	2020-08-19	0	0	14	A	0
## 503	1.139176e+19	2020-08-10	0	0	28	C	0
## 504	1.140012e+19	2020-08-14	0	0	80	A	14
## 505	1.140214e+19	2020-08-12	0	0	4	B	141
## 506	1.140660e+19	2020-08-16	0	0	2	A	39
## 507	1.140727e+19	2020-08-14	0	0	10	A	0
## 508	1.140975e+19	2020-08-11	0	0	5	A	141
## 509	1.141157e+19	2020-08-20	0	0	2	A	0
## 510	1.141637e+19	2020-08-15	0	0	35	B	0
## 511	1.141747e+19	2020-08-12	0	0	49	B	39
## 512	1.142372e+19	2020-08-12	0	0	18	D	0
## 513	1.142542e+19	2020-08-20	0	0	4	B	0
## 514	1.143217e+19	2020-08-14	0	0	7	A	41
## 515	1.143839e+19	2020-08-17	0	0	2	G	0
## 516	1.144552e+19	2020-08-15	0	0	3	C	56
## 517	1.145655e+19	2020-08-12	0	0	15	C	125
## 518	1.146255e+19	2020-08-10	0	0	2	A	0
## 519	1.147049e+19	2020-08-12	0	0	28	A	0
## 520	1.147093e+19	2020-08-11	0	0	1	A	44
## 521	1.148266e+18	2020-08-13	0	0	2	A	62
## 522	1.148689e+19	2020-08-15	0	0	1	D	40
## 523	1.149133e+18	2020-08-19	0	0	2	D	0
## 524	1.150370e+19	2020-08-20	0	0	1	A	0
## 525	1.150885e+18	2020-08-16	0	0	7	A	0
## 526	1.151640e+19	2020-08-11	0	0	6	A	0
## 527	1.152452e+19	2020-08-18	0	0	3	A	0
## 528	1.152498e+19	2020-08-17	0	0	1	A	38
## 529	1.153103e+19	2020-08-13	0	0	3	F	86
## 530	1.153435e+19	2020-08-18	0	0	19	B	0
## 531	1.153584e+19	2020-08-12	0	0	17	<NA>	0
## 532	1.154187e+19	2020-08-17	0	0	4	B	72
## 533	1.154218e+19	2020-08-20	0	0	18	D	31
## 534	1.154274e+19	2020-08-13	0	0	3	A	0
## 535	1.154982e+19	2020-08-18	0	0	2	A	52
## 536	1.155165e+19	2020-08-12	0	0	24	G	53
## 537	1.155566e+19	2020-08-15	0	0	4	A	0
## 538	1.155870e+19	2020-08-18	0	0	36	A	0
## 539	1.156060e+19	2020-08-11	0	0	24	B	0
## 540	1.156622e+19	2020-08-12	0	0	18	A	15
## 541	1.156657e+19	2020-08-16	0	0	1	A	0
## 542	1.157100e+19	2020-08-16	0	0	6	G	49
## 543	1.157439e+19	2020-08-20	0	0	4	G	151
## 544	1.158290e+18	2020-08-18	0	0	2	A	0
## 545	1.159905e+19	2020-08-10	0	0	12	A	0

## 546	1.160376e+19	2020-08-16	0	0	8	A	0
## 547	1.163807e+19	2020-08-10	0	0	1	A	0
## 548	1.164829e+19	2020-08-19	0	0	41	A	0
## 549	1.164913e+19	2020-08-18	0	0	2	A	0
## 550	1.165130e+19	2020-08-14	0	0	18	A	0
## 551	1.165172e+19	2020-08-10	0	0	12	A	70
## 552	1.165500e+19	2020-08-10	0	0	9	A	0
## 553	1.165887e+18	2020-08-20	0	0	4	A	141
## 554	1.166039e+19	2020-08-13	0	0	5	C	0
## 555	1.166284e+18	2020-08-18	0	0	4	A	0
## 556	1.166351e+19	2020-08-12	0	0	1	F	43
## 557	1.166471e+19	2020-08-12	0	0	7	A	0
## 558	1.166624e+19	2020-08-16	0	0	3	A	33
## 559	1.167759e+19	2020-08-10	0	0	7	A	110
## 560	1.167988e+19	2020-08-13	0	0	13	A	0
## 561	1.168058e+19	2020-08-14	0	0	7	E	14
## 562	1.168240e+19	2020-08-14	0	0	1	A	141
## 563	1.168448e+19	2020-08-14	0	0	3	A	0
## 564	1.169547e+19	2020-08-18	0	0	1	D	0
## 565	1.169962e+19	2020-08-19	0	0	13	A	27
## 566	1.171549e+19	2020-08-17	0	0	25	A	11
## 567	1.171790e+19	2020-08-16	0	0	19	A	130
## 568	1.171831e+19	2020-08-10	0	0	50	F	41
## 569	1.171839e+19	2020-08-20	0	0	3	A	0
## 570	1.171930e+19	2020-08-18	0	0	1	F	141
## 571	1.172078e+19	2020-08-11	0	0	1	A	0
## 572	1.172136e+19	2020-08-14	0	0	39	A	0
## 573	1.172294e+19	2020-08-16	0	0	20	C	0
## 574	1.173086e+19	2020-08-16	0	0	25	B	0
## 575	1.173264e+19	2020-08-16	0	0	9	A	54
## 576	1.174424e+19	2020-08-14	0	0	4	B	0
## 577	1.175164e+19	2020-08-18	0	0	3	G	71
## 578	1.175305e+19	2020-08-11	0	0	1	A	0
## 579	1.175506e+19	2020-08-16	0	0	70	A	0
## 580	1.176612e+19	2020-08-14	0	0	1	<NA>	81
## 581	1.176847e+19	2020-08-12	0	0	1	A	15
## 582	1.177027e+19	2020-08-16	0	0	6	<NA>	0
## 583	1.177104e+19	2020-08-19	0	0	4	C	8
## 584	1.177367e+19	2020-08-13	0	0	1	A	0
## 585	1.178001e+18	2020-08-11	0	0	1	A	90
## 586	1.178140e+19	2020-08-15	0	0	42	C	81
## 587	1.178686e+19	2020-08-15	0	0	1	F	14
## 588	1.178712e+19	2020-08-16	0	0	8	A	141
## 589	1.179008e+19	2020-08-15	0	0	1	A	0
## 590	1.179260e+19	2020-08-11	0	0	8	G	208
## 591	1.179749e+19	2020-08-20	0	0	4	C	31
## 592	1.180384e+19	2020-08-19	0	0	1	B	0
## 593	1.180851e+19	2020-08-11	2	1398	25	B	0
## 594	1.180935e+19	2020-08-14	0	0	13	A	0
## 595	1.181287e+19	2020-08-17	0	0	6	A	0
## 596	1.181719e+19	2020-08-17	0	0	1	B	34
## 597	1.182016e+19	2020-08-10	0	0	3	B	0
## 598	1.182041e+19	2020-08-18	0	0	25	C	81
## 599	1.182341e+19	2020-08-17	0	0	4	A	0

## 600	1.183181e+19	2020-08-11	0	0	5	A	109
## 601	1.183554e+18	2020-08-12	0	0	26	B	3
## 602	1.184557e+19	2020-08-12	0	0	4	A	91
## 603	1.184825e+19	2020-08-14	0	0	9	A	13
## 604	1.185835e+19	2020-08-13	0	0	4	D	0
## 605	1.187803e+19	2020-08-16	0	0	9	A	30
## 606	1.188573e+19	2020-08-12	0	0	37	A	0
## 607	1.188738e+19	2020-08-19	0	0	3	B	70
## 608	1.189332e+19	2020-08-20	0	0	29	D	0
## 609	1.189856e+19	2020-08-15	0	0	37	F	50
## 610	1.190105e+19	2020-08-14	0	0	8	A	0
## 611	1.190133e+18	2020-08-19	0	0	9	D	0
## 612	1.190186e+18	2020-08-12	0	0	4	D	97
## 613	1.190380e+19	2020-08-13	0	0	22	A	42
## 614	1.192116e+19	2020-08-13	0	0	1	G	110
## 615	1.192720e+19	2020-08-12	0	0	10	B	0
## 616	1.192902e+19	2020-08-19	0	0	4	A	36
## 617	1.193040e+19	2020-08-12	0	0	1	E	0
## 618	1.193397e+19	2020-08-18	0	0	8	C	0
## 619	1.193459e+19	2020-08-10	0	0	3	A	110
## 620	1.193926e+19	2020-08-12	0	0	13	C	81
## 621	1.194131e+19	2020-08-18	0	0	3	A	102
## 622	1.194638e+19	2020-08-16	0	0	8	A	0
## 623	1.194712e+19	2020-08-19	0	0	19	D	30
## 624	1.194799e+19	2020-08-14	0	0	6	C	123
## 625	1.194866e+19	2020-08-15	0	0	3	D	0
## 626	1.195019e+19	2020-08-10	0	0	9	C	208
## 627	1.195075e+19	2020-08-11	0	0	20	C	0
## 628	1.195279e+19	2020-08-20	0	0	24	A	26
## 629	1.195748e+19	2020-08-15	0	0	6	A	0
## 630	1.196039e+19	2020-08-11	0	0	4	A	0
## 631	1.196263e+19	2020-08-15	0	0	2	E	0
## 632	1.196454e+18	2020-08-10	0	0	12	F	0
## 633	1.196576e+18	2020-08-10	0	0	15	<NA>	0
## 634	1.196704e+19	2020-08-14	0	0	2	A	13
## 635	1.196861e+18	2020-08-19	0	0	21	A	27
## 636	1.197587e+19	2020-08-20	0	0	5	A	0
## 637	1.199154e+19	2020-08-20	0	0	1	A	8
## 638	1.199550e+19	2020-08-17	0	0	4	A	10
## 639	1.199848e+18	2020-08-15	0	0	6	D	0
## 640	1.200637e+19	2020-08-10	0	0	2	A	0
## 641	1.200669e+19	2020-08-11	0	0	4	B	40
## 642	1.201260e+19	2020-08-19	0	0	3	A	30
## 643	1.201523e+19	2020-08-11	0	0	1	D	0
## 644	1.201530e+19	2020-08-12	0	0	9	C	0
## 645	1.201637e+19	2020-08-16	0	0	4	G	223
## 646	1.202400e+19	2020-08-15	0	0	2	A	31
## 647	1.202494e+18	2020-08-17	0	0	13	C	0
## 648	1.202662e+19	2020-08-17	0	0	36	A	0
## 649	1.203411e+19	2020-08-20	0	0	3	F	0
## 650	1.203451e+19	2020-08-17	0	0	2	A	0
## 651	1.204611e+19	2020-08-18	0	0	5	A	9
## 652	1.204927e+19	2020-08-19	0	0	5	A	51
## 653	1.206141e+19	2020-08-14	0	0	4	B	0

## 654	1.206357e+18	2020-08-17	0	0	1	A	11
## 655	1.207122e+19	2020-08-20	0	0	1	A	0
## 656	1.207206e+19	2020-08-17	0	0	1	A	0
## 657	1.207724e+19	2020-08-12	0	0	2	A	141
## 658	1.208112e+18	2020-08-12	0	0	14	C	0
## 659	1.209478e+18	2020-08-18	0	0	5	A	0
## 660	1.209734e+19	2020-08-20	0	0	1	A	0
## 661	1.210258e+19	2020-08-16	0	0	3	A	30
## 662	1.210387e+19	2020-08-12	0	0	8	A	0
## 663	1.211565e+19	2020-08-13	0	0	11	A	0
## 664	1.211593e+19	2020-08-20	0	0	1	E	0
## 665	1.212111e+19	2020-08-18	0	0	4	A	0
## 666	1.212295e+19	2020-08-14	0	0	1	F	0
## 667	1.213575e+19	2020-08-12	0	0	2	A	87
## 668	1.214053e+19	2020-08-15	0	0	5	A	65
## 669	1.214528e+19	2020-08-14	0	0	12	A	0
## 670	1.216370e+19	2020-08-14	0	0	3	D	0
## 671	1.216598e+19	2020-08-16	0	0	9	C	55
## 672	1.216646e+18	2020-08-12	0	0	8	A	0
## 673	1.216698e+19	2020-08-15	0	0	1	A	0
## 674	1.216810e+19	2020-08-15	0	0	1	C	208
## 675	1.217273e+19	2020-08-15	0	0	41	A	13
## 676	1.217404e+19	2020-08-10	0	0	12	A	0
## 677	1.218309e+19	2020-08-18	0	0	14	C	119
## 678	1.218447e+19	2020-08-10	0	0	1	A	0
## 679	1.218563e+19	2020-08-11	0	0	6	A	0
## 680	1.218778e+18	2020-08-11	0	0	3	A	0
## 681	1.219046e+19	2020-08-19	1	859	14	C	0
## 682	1.219624e+19	2020-08-11	0	0	1	A	0
## 683	1.220489e+19	2020-08-13	1	899	5	C	14
## 684	1.220689e+19	2020-08-19	0	0	18	B	81
## 685	1.220932e+19	2020-08-18	1	239	3	E	0
## 686	1.221255e+19	2020-08-13	0	0	1	A	0
## 687	1.221672e+19	2020-08-12	0	0	3	A	0
## 688	1.222896e+19	2020-08-17	0	0	1	A	0
## 689	1.223083e+19	2020-08-13	0	0	8	C	38
## 690	1.223765e+19	2020-08-20	0	0	21	A	0
## 691	1.224600e+19	2020-08-15	0	0	1	A	14
## 692	1.224857e+19	2020-08-14	0	0	2	A	41
## 693	1.226396e+19	2020-08-16	0	0	3	A	0
## 694	1.226851e+19	2020-08-19	1	358	4	D	32
## 695	1.228758e+17	2020-08-20	0	0	35	C	0
## 696	1.228905e+19	2020-08-10	0	0	35	F	55
## 697	1.229502e+19	2020-08-20	1	739	169	C	0
## 698	1.229795e+18	2020-08-12	0	0	29	F	39
## 699	1.229892e+19	2020-08-14	0	0	5	A	62
## 700	1.230009e+19	2020-08-20	0	0	4	A	7
## 701	1.230248e+19	2020-08-18	0	0	4	C	0
## 702	1.230350e+19	2020-08-11	0	0	13	F	44
## 703	1.230638e+19	2020-08-13	0	0	12	B	38
## 704	1.230688e+19	2020-08-15	0	0	9	A	0
## 705	1.231161e+19	2020-08-15	0	0	1	A	13
## 706	1.232010e+19	2020-08-16	0	0	1	A	0
## 707	1.232041e+19	2020-08-19	1	1299	25	A	36

## 708	1.232268e+19	2020-08-12	0	0	4	A	0
## 709	1.232368e+19	2020-08-16	0	0	1	G	35
## 710	1.232668e+18	2020-08-11	0	0	10	C	92
## 711	1.232784e+19	2020-08-20	0	0	22	B	31
## 712	1.232856e+19	2020-08-18	0	0	18	D	31
## 713	1.233292e+19	2020-08-16	0	0	1	D	0
## 714	1.233758e+19	2020-08-16	0	0	17	C	81
## 715	1.233972e+19	2020-08-17	1	358	5	D	34
## 716	1.234116e+19	2020-08-11	0	0	5	A	92
## 717	1.234294e+19	2020-08-16	0	0	2	A	54
## 718	1.234332e+19	2020-08-15	0	0	1	A	0
## 719	1.234639e+19	2020-08-15	0	0	19	C	36
## 720	1.234872e+19	2020-08-10	0	0	42	A	0
## 721	1.234892e+19	2020-08-10	0	0	10	A	0
## 722	1.234970e+19	2020-08-18	0	0	8	C	71
## 723	1.235130e+19	2020-08-17	0	0	1	B	0
## 724	1.235165e+19	2020-08-13	0	0	3	A	62
## 725	1.235350e+18	2020-08-17	0	0	9	C	0
## 726	1.235447e+19	2020-08-12	0	0	2	A	0
## 727	1.235579e+19	2020-08-14	1	639	19	F	41
## 728	1.237055e+19	2020-08-16	0	0	33	B	49
## 729	1.238393e+19	2020-08-16	0	0	20	<NA>	0
## 730	1.239775e+19	2020-08-12	0	0	5	A	0
## 731	1.240619e+19	2020-08-13	0	0	13	A	0
## 732	1.240771e+19	2020-08-15	0	0	2	A	141
## 733	1.241765e+19	2020-08-10	0	0	6	A	93
## 734	1.241816e+19	2020-08-17	0	0	1	A	84
## 735	1.242034e+19	2020-08-20	0	0	5	A	0
## 736	1.242582e+19	2020-08-19	0	0	1	A	30
## 737	1.242940e+19	2020-08-15	0	0	11	C	36
## 738	1.243128e+19	2020-08-10	0	0	24	A	0
## 739	1.244679e+19	2020-08-14	0	0	1	A	0
## 740	1.245133e+19	2020-08-19	0	0	5	D	0
## 741	1.245992e+19	2020-08-13	0	0	8	A	0
## 742	1.246133e+19	2020-08-16	0	0	11	A	39
## 743	1.246165e+19	2020-08-17	0	0	2	A	103
## 744	1.248020e+19	2020-08-17	0	0	13	D	0
## 745	1.248124e+19	2020-08-16	0	0	1	A	39
## 746	1.248231e+19	2020-08-11	0	0	7	B	0
## 747	1.248296e+19	2020-08-17	0	0	8	A	53
## 748	1.249374e+19	2020-08-12	0	0	2	A	0
## 749	1.249474e+19	2020-08-18	0	0	7	A	52
## 750	1.249730e+19	2020-08-15	0	0	2	A	31
## 751	1.249786e+19	2020-08-15	0	0	3	G	50
## 752	1.249965e+19	2020-08-17	0	0	8	F	0
## 753	1.250785e+19	2020-08-10	0	0	22	A	0
## 754	1.251159e+19	2020-08-12	0	0	25	A	0
## 755	1.252130e+18	2020-08-20	0	0	4	C	81
## 756	1.252549e+19	2020-08-18	0	0	1	A	28
## 757	1.253973e+19	2020-08-18	0	0	5	A	0
## 758	1.255748e+19	2020-08-15	0	0	10	C	0
## 759	1.255778e+19	2020-08-16	0	0	4	B	0
## 760	1.255828e+19	2020-08-10	0	0	5	A	93
## 761	1.256122e+19	2020-08-11	0	0	3	A	109

## 762	1.257119e+19	2020-08-14	0	0	6	B	0
## 763	1.257340e+19	2020-08-20	0	0	5	A	8
## 764	1.258694e+19	2020-08-16	0	0	2	A	11
## 765	1.258837e+18	2020-08-11	0	0	1	A	0
## 766	1.258921e+19	2020-08-10	1	229	31	A	0
## 767	1.259170e+19	2020-08-18	0	0	41	C	0
## 768	1.259829e+19	2020-08-19	0	0	5	A	27
## 769	1.260223e+19	2020-08-12	0	0	7	F	108
## 770	1.261164e+19	2020-08-20	0	0	14	A	126
## 771	1.262261e+19	2020-08-11	0	0	2	A	0
## 772	1.263129e+19	2020-08-15	0	0	5	A	65
## 773	1.263233e+19	2020-08-17	0	0	7	C	0
## 774	1.263598e+18	2020-08-13	0	0	8	D	0
## 775	1.264179e+19	2020-08-11	0	0	1	A	0
## 776	1.264298e+19	2020-08-13	0	0	5	F	0
## 777	1.264478e+19	2020-08-12	0	0	1	A	0
## 778	1.264721e+19	2020-08-12	0	0	5	F	141
## 779	1.264903e+19	2020-08-10	0	0	5	A	141
## 780	1.265787e+19	2020-08-10	0	0	3	A	0
## 781	1.266308e+18	2020-08-17	0	0	40	A	10
## 782	1.266616e+19	2020-08-16	0	0	3	A	39
## 783	1.267093e+19	2020-08-10	0	0	2	A	0
## 784	1.267153e+19	2020-08-15	0	0	2	B	0
## 785	1.267225e+19	2020-08-14	0	0	1	A	62
## 786	1.268418e+19	2020-08-20	0	0	15	A	0
## 787	1.268909e+19	2020-08-19	0	0	32	<NA>	125
## 788	1.269505e+17	2020-08-18	0	0	11	A	28
## 789	1.270053e+17	2020-08-10	0	0	15	A	0
## 790	1.271459e+17	2020-08-11	0	0	4	F	18
## 791	1.271707e+19	2020-08-18	0	0	1	A	28
## 792	1.271797e+19	2020-08-13	0	0	29	C	0
## 793	1.272802e+19	2020-08-18	0	0	47	A	0
## 794	1.273618e+19	2020-08-14	0	0	14	B	0
## 795	1.273873e+19	2020-08-13	0	0	16	<NA>	0
## 796	1.274133e+19	2020-08-17	0	0	1	A	0
## 797	1.274265e+19	2020-08-12	0	0	1	B	39
## 798	1.274523e+19	2020-08-11	0	0	2	D	0
## 799	1.274750e+19	2020-08-17	0	0	8	A	0
## 800	1.274830e+19	2020-08-17	0	0	9	<NA>	0
## 801	1.275290e+19	2020-08-20	0	0	13	B	45
## 802	1.277076e+19	2020-08-12	0	0	4	A	0
## 803	1.277159e+19	2020-08-16	0	0	1	A	0
## 804	1.277187e+19	2020-08-10	0	0	6	A	0
## 805	1.279051e+18	2020-08-10	0	0	3	A	45
## 806	1.280310e+19	2020-08-13	0	0	1	A	0
## 807	1.281149e+19	2020-08-13	0	0	2	A	42
## 808	1.281285e+19	2020-08-20	0	0	11	A	35
## 809	1.281593e+19	2020-08-16	0	0	5	A	0
## 810	1.282146e+19	2020-08-18	0	0	5	B	33
## 811	1.282321e+19	2020-08-20	0	0	4	D	69
## 812	1.282548e+19	2020-08-18	0	0	1	A	52
## 813	1.282679e+19	2020-08-10	0	0	9	A	93
## 814	1.283339e+19	2020-08-15	0	0	1	A	12
## 815	1.283876e+17	2020-08-10	0	0	5	B	0

## 816	1.284235e+19	2020-08-11	0	0	11	C	81
## 817	1.284375e+19	2020-08-11	0	0	2	D	44
## 818	1.284452e+19	2020-08-16	0	0	6	A	39
## 819	1.284707e+18	2020-08-17	0	0	2	D	134
## 820	1.284996e+19	2020-08-19	0	0	7	G	46
## 821	1.286040e+19	2020-08-10	0	0	12	A	0
## 822	1.286298e+19	2020-08-16	0	0	5	A	141
## 823	1.286393e+19	2020-08-16	0	0	37	A	0
## 824	1.286836e+18	2020-08-19	0	0	4	A	8
## 825	1.288082e+19	2020-08-13	0	0	4	A	0
## 826	1.288530e+19	2020-08-16	0	0	1	A	54
## 827	1.288809e+19	2020-08-20	0	0	1	A	0
## 828	1.288966e+19	2020-08-12	0	0	4	C	208
## 829	1.289294e+19	2020-08-16	0	0	1	A	0
## 830	1.289921e+18	2020-08-11	0	0	4	A	0
## 831	1.291306e+19	2020-08-13	0	0	4	D	52
## 832	1.291431e+19	2020-08-10	0	0	4	A	0
## 833	1.292583e+19	2020-08-20	0	0	22	A	126
## 834	1.293307e+19	2020-08-12	0	0	1	D	39
## 835	1.293622e+19	2020-08-13	0	0	9	A	0
## 836	1.294437e+19	2020-08-11	0	0	32	A	0
## 837	1.294812e+19	2020-08-15	0	0	3	D	56
## 838	1.295209e+19	2020-08-18	0	0	11	A	0
## 839	1.295236e+19	2020-08-18	0	0	3	A	37
## 840	1.296616e+19	2020-08-13	0	0	3	A	14
## 841	1.296851e+19	2020-08-20	0	0	4	D	69
## 842	1.298211e+19	2020-08-17	0	0	2	A	141
## 843	1.298352e+19	2020-08-11	0	0	11	F	0
## 844	1.298710e+19	2020-08-19	0	0	47	C	8
## 845	1.299140e+19	2020-08-11	0	0	1	A	0
## 846	1.299596e+19	2020-08-14	0	0	3	A	0
## 847	1.301746e+18	2020-08-14	0	0	32	B	51
## 848	1.301840e+19	2020-08-19	0	0	1	A	36
## 849	1.302313e+19	2020-08-20	0	0	6	A	29
## 850	1.302608e+17	2020-08-15	0	0	9	C	81
## 851	1.302638e+19	2020-08-19	0	0	2	D	70
## 852	1.303627e+19	2020-08-17	0	0	16	C	48
## 853	1.304402e+19	2020-08-16	0	0	6	A	0
## 854	1.304593e+19	2020-08-10	0	0	1	A	0
## 855	1.304832e+19	2020-08-16	0	0	16	B	0
## 856	1.305866e+19	2020-08-19	0	0	4	F	100
## 857	1.306506e+19	2020-08-15	0	0	2	A	40
## 858	1.306963e+19	2020-08-13	0	0	22	B	52
## 859	1.307177e+19	2020-08-18	0	0	9	C	208
## 860	1.307469e+19	2020-08-14	0	0	4	G	208
## 861	1.307997e+18	2020-08-14	0	0	9	C	57
## 862	1.308840e+19	2020-08-10	0	0	12	A	0
## 863	1.309810e+19	2020-08-17	0	0	1	A	0
## 864	1.310090e+19	2020-08-19	0	0	1	A	27
## 865	1.310308e+19	2020-08-12	0	0	2	A	91
## 866	1.310925e+19	2020-08-17	0	0	5	A	0
## 867	1.311257e+19	2020-08-17	0	0	2	A	0
## 868	1.311919e+18	2020-08-11	0	0	5	C	0
## 869	1.312433e+19	2020-08-17	0	0	1	A	141

## 870	1.313111e+19	2020-08-20	0	0	19	A	0
## 871	1.314024e+19	2020-08-18	0	0	7	D	0
## 872	1.314469e+19	2020-08-12	0	0	13	A	134
## 873	1.314890e+19	2020-08-13	0	0	1	A	14
## 874	1.315810e+19	2020-08-11	0	0	9	C	54
## 875	1.315855e+19	2020-08-15	1	399	23	B	0
## 876	1.316069e+19	2020-08-12	0	0	18	A	43
## 877	1.316174e+19	2020-08-11	0	0	2	B	0
## 878	1.316294e+19	2020-08-16	0	0	4	D	0
## 879	1.316943e+19	2020-08-18	0	0	1	G	0
## 880	1.317966e+19	2020-08-19	0	0	2	A	51
## 881	1.317977e+19	2020-08-19	0	0	38	B	70
## 882	1.318815e+19	2020-08-17	0	0	2	A	0
## 883	1.319046e+19	2020-08-16	0	0	1	A	30
## 884	1.319623e+19	2020-08-14	0	0	38	A	0
## 885	1.319834e+19	2020-08-14	0	0	2	A	105
## 886	1.320867e+19	2020-08-20	0	0	3	A	7
## 887	1.321205e+19	2020-08-10	0	0	1	A	65
## 888	1.321286e+19	2020-08-12	0	0	1	A	0
## 889	1.321815e+19	2020-08-14	0	0	1	D	0
## 890	1.322594e+19	2020-08-10	0	0	2	A	0
## 891	1.323350e+19	2020-08-12	0	0	3	A	0
## 892	1.323794e+18	2020-08-14	0	0	7	D	51
## 893	1.323817e+19	2020-08-13	0	0	28	B	0
## 894	1.323853e+19	2020-08-12	0	0	36	A	91
## 895	1.324269e+19	2020-08-16	0	0	28	B	0
## 896	1.325049e+19	2020-08-12	0	0	4	A	53
## 897	1.325834e+19	2020-08-14	0	0	1	A	15
## 898	1.326269e+19	2020-08-17	0	0	2	A	38
## 899	1.326426e+18	2020-08-16	0	0	1	A	39
## 900	1.326757e+19	2020-08-15	0	0	1	F	40
## 901	1.327024e+19	2020-08-12	0	0	3	B	0
## 902	1.327241e+19	2020-08-12	0	0	5	A	0
## 903	1.328417e+19	2020-08-11	0	0	1	A	18
## 904	1.331295e+19	2020-08-17	0	0	6	A	32
## 905	1.331523e+19	2020-08-11	0	0	1	D	0
## 906	1.331527e+19	2020-08-11	0	0	14	A	0
## 907	1.332711e+19	2020-08-11	0	0	5	A	0
## 908	1.333928e+19	2020-08-19	0	0	1	A	0
## 909	1.333952e+18	2020-08-18	0	0	1	A	0
## 910	1.334541e+19	2020-08-16	0	0	6	A	12
## 911	1.335304e+19	2020-08-17	0	0	1	A	0
## 912	1.335450e+19	2020-08-13	0	0	3	B	0
## 913	1.335973e+19	2020-08-19	0	0	4	A	0
## 914	1.336067e+19	2020-08-11	0	0	5	A	0
## 915	1.336145e+19	2020-08-10	0	0	18	C	43
## 916	1.336234e+19	2020-08-19	0	0	2	A	0
## 917	1.337845e+19	2020-08-12	0	0	1	A	0
## 918	1.338083e+19	2020-08-17	0	0	9	C	208
## 919	1.338490e+19	2020-08-15	0	0	11	A	12
## 920	1.338741e+19	2020-08-19	0	0	11	C	32
## 921	1.338937e+19	2020-08-20	0	0	3	A	0
## 922	1.339946e+19	2020-08-19	0	0	4	A	0
## 923	1.341173e+19	2020-08-15	0	0	30	A	0

## 924	1.341381e+19	2020-08-10	0	0	5	B	0
## 925	1.341440e+19	2020-08-12	0	0	4	G	208
## 926	1.342863e+19	2020-08-14	0	0	5	<NA>	13
## 927	1.342938e+19	2020-08-13	0	0	9	F	107
## 928	1.343006e+19	2020-08-15	0	0	24	A	0
## 929	1.344000e+19	2020-08-13	0	0	4	E	15
## 930	1.344120e+19	2020-08-12	0	0	2	A	16
## 931	1.344500e+19	2020-08-17	0	0	11	D	11
## 932	1.344782e+19	2020-08-14	0	0	3	C	0
## 933	1.345094e+19	2020-08-17	0	0	7	A	0
## 934	1.345475e+19	2020-08-12	0	0	77	A	89
## 935	1.346551e+19	2020-08-18	0	0	6	A	0
## 936	1.346786e+19	2020-08-11	0	0	3	A	44
## 937	1.349431e+19	2020-08-15	0	0	7	A	0
## 938	1.350313e+19	2020-08-11	0	0	1	B	141
## 939	1.350317e+18	2020-08-19	0	0	26	A	9
## 940	1.350377e+19	2020-08-12	0	0	12	D	0
## 941	1.350401e+19	2020-08-13	0	0	1	A	42
## 942	1.351422e+19	2020-08-14	0	0	21	B	81
## 943	1.352173e+19	2020-08-11	0	0	4	G	81
## 944	1.352877e+19	2020-08-20	0	0	45	B	31
## 945	1.353681e+19	2020-08-11	0	0	7	C	16
## 946	1.353833e+19	2020-08-17	0	0	12	C	81
## 947	1.353934e+18	2020-08-18	0	0	2	A	52
## 948	1.354412e+19	2020-08-17	0	0	19	B	0
## 949	1.354472e+19	2020-08-19	0	0	2	A	51
## 950	1.355768e+19	2020-08-16	0	0	19	B	0
## 951	1.355903e+19	2020-08-19	0	0	11	A	0
## 952	1.357278e+19	2020-08-12	0	0	20	B	81
## 953	1.358353e+19	2020-08-12	0	0	1	E	0
## 954	1.359037e+19	2020-08-16	0	0	6	A	55
## 955	1.360242e+19	2020-08-15	0	0	10	A	31
## 956	1.360284e+19	2020-08-16	0	0	1	A	30
## 957	1.361474e+19	2020-08-20	0	0	25	A	50
## 958	1.362305e+19	2020-08-14	0	0	7	D	0
## 959	1.362598e+19	2020-08-20	0	0	2	A	35
## 960	1.362776e+19	2020-08-20	0	0	16	C	31
## 961	1.363539e+19	2020-08-13	0	0	1	A	15
## 962	1.364173e+19	2020-08-17	0	0	18	C	72
## 963	1.365290e+19	2020-08-16	0	0	1	A	104
## 964	1.365614e+19	2020-08-18	0	0	10	A	0
## 965	1.366139e+19	2020-08-15	0	0	7	A	0
## 966	1.366819e+19	2020-08-13	0	0	7	C	52
## 967	1.367685e+19	2020-08-16	0	0	5	D	12
## 968	1.367948e+19	2020-08-19	0	0	16	G	70
## 969	1.368080e+19	2020-08-11	0	0	9	A	0
## 970	1.368622e+19	2020-08-20	0	0	9	C	7
## 971	1.368824e+19	2020-08-11	0	0	4	A	109
## 972	1.370092e+19	2020-08-16	0	0	5	A	0
## 973	1.371381e+18	2020-08-17	0	0	2	A	102
## 974	1.372380e+19	2020-08-13	0	0	22	C	0
## 975	1.372549e+19	2020-08-12	0	0	27	B	39
## 976	1.372826e+19	2020-08-17	0	0	8	E	11
## 977	1.373045e+18	2020-08-16	0	0	1	E	0

## 978	1.373281e+18	2020-08-12	0	0	11	F	0
## 979	1.373327e+19	2020-08-20	0	0	3	D	45
## 980	1.373349e+19	2020-08-14	0	0	3	A	41
## 981	1.373421e+19	2020-08-17	0	0	2	A	10
## 982	1.374011e+19	2020-08-16	0	0	22	C	166
## 983	1.374302e+19	2020-08-10	0	0	4	A	0
## 984	1.374388e+19	2020-08-12	0	0	2	B	39
## 985	1.374389e+19	2020-08-12	0	0	2	A	108
## 986	1.374493e+19	2020-08-12	0	0	1	A	0
## 987	1.375698e+19	2020-08-17	0	0	20	C	0
## 988	1.375858e+19	2020-08-11	0	0	30	B	40
## 989	1.376169e+17	2020-08-20	0	0	3	G	151
## 990	1.376251e+19	2020-08-15	1	599	12	B	10
## 991	1.378147e+19	2020-08-17	1	899	11	C	0
## 992	1.379261e+19	2020-08-19	0	0	41	C	32
## 993	1.379515e+19	2020-08-19	0	0	4	A	0
## 994	1.379605e+19	2020-08-17	0	0	1	A	53
## 995	1.379776e+19	2020-08-15	0	0	4	C	56
## 996	1.379837e+19	2020-08-11	0	0	13	A	0
## 997	1.379880e+19	2020-08-11	1	1499	40	A	44
## 998	1.380354e+19	2020-08-17	0	0	3	A	0
## 999	1.380508e+19	2020-08-18	0	0	1	E	10
## 1000	1.380844e+19	2020-08-18	0	0	89	A	0
## 1001	1.381171e+19	2020-08-12	0	0	15	A	87
## 1002	1.382519e+19	2020-08-19	0	0	3	A	27
## 1003	1.382625e+19	2020-08-15	0	0	1	A	65
## 1004	1.382737e+19	2020-08-13	0	0	1	D	0
## 1005	1.382859e+19	2020-08-16	0	0	1	A	11
## 1006	1.383164e+19	2020-08-13	0	0	8	A	0
## 1007	1.383189e+19	2020-08-14	0	0	1	A	0
## 1008	1.383469e+17	2020-08-18	0	0	9	G	153
## 1009	1.384546e+19	2020-08-20	0	0	3	A	62
## 1010	1.384905e+19	2020-08-10	0	0	13	C	0
## 1011	1.385456e+19	2020-08-11	0	0	4	G	99
## 1012	1.385666e+19	2020-08-14	0	0	3	A	0
## 1013	1.385695e+19	2020-08-20	0	0	2	A	26
## 1014	1.385854e+19	2020-08-10	0	0	13	A	17
## 1015	1.386192e+19	2020-08-18	0	0	2	A	0
## 1016	1.386608e+19	2020-08-15	0	0	3	A	0
## 1017	1.387710e+19	2020-08-17	0	0	11	G	72
## 1018	1.387789e+19	2020-08-20	0	0	1	A	50
## 1019	1.388180e+19	2020-08-15	0	0	36	C	0
## 1020	1.389342e+18	2020-08-17	1	1079	18	G	154
## 1021	1.389948e+19	2020-08-15	0	0	4	D	36
## 1022	1.391213e+19	2020-08-19	1	716	8	D	0
## 1023	1.391478e+19	2020-08-11	0	0	2	A	0
## 1024	1.391540e+19	2020-08-18	0	0	1	A	28
## 1025	1.391602e+19	2020-08-16	0	0	7	<NA>	0
## 1026	1.392383e+19	2020-08-16	0	0	65	F	35
## 1027	1.392662e+19	2020-08-16	0	0	53	C	208
## 1028	1.392806e+19	2020-08-15	0	0	4	A	0
## 1029	1.392971e+19	2020-08-19	0	0	26	A	0
## 1030	1.393027e+19	2020-08-17	0	0	8	D	0
## 1031	1.393070e+19	2020-08-19	0	0	2	A	30

##	1032	1.393438e+18	2020-08-15	0	0	5	D	0
##	1033	1.393620e+19	2020-08-19	0	0	8	E	0
##	1034	1.393676e+18	2020-08-16	0	0	14	C	35
##	1035	1.393992e+19	2020-08-12	0	0	2	A	0
##	1036	1.394142e+19	2020-08-11	0	0	12	A	65
##	1037	1.394552e+19	2020-08-10	0	0	4	A	45
##	1038	1.395462e+19	2020-08-12	0	0	1	A	87
##	1039	1.395654e+19	2020-08-10	0	0	6	A	0
##	1040	1.395666e+19	2020-08-16	0	0	18	C	121
##	1041	1.396714e+18	2020-08-13	0	0	3	A	16
##	1042	1.397226e+19	2020-08-11	0	0	3	C	208
##	1043	1.397463e+19	2020-08-17	0	0	27	B	223
##	1044	1.397559e+19	2020-08-19	0	0	14	A	36
##	1045	1.398750e+19	2020-08-17	0	0	1	A	29
##	1046	1.398917e+19	2020-08-14	0	0	2	D	0
##	1047	1.399258e+19	2020-08-20	0	0	27	F	45
##	1048	1.400455e+19	2020-08-12	0	0	18	A	108
##	1049	1.401138e+19	2020-08-15	1	239	4	A	65
##	1050	1.401214e+18	2020-08-16	0	0	3	F	0
##	1051	1.401492e+19	2020-08-13	0	0	2	G	52
##	1052	1.403631e+19	2020-08-20	0	0	11	A	0
##	1053	1.403665e+19	2020-08-20	0	0	2	A	0
##	1054	1.403850e+19	2020-08-18	0	0	2	A	0
##	1055	1.405826e+19	2020-08-10	1	909	12	A	0
##	1056	1.405858e+19	2020-08-14	0	0	22	B	51
##	1057	1.406101e+19	2020-08-10	0	0	14	G	55
##	1058	1.406234e+19	2020-08-15	0	0	1	A	0
##	1059	1.407138e+19	2020-08-17	0	0	17	C	34
##	1060	1.407261e+19	2020-08-20	0	0	1	A	0
##	1061	1.407450e+19	2020-08-14	0	0	2	A	0
##	1062	1.408889e+19	2020-08-16	0	0	3	A	11
##	1063	1.409612e+19	2020-08-14	0	0	35	<NA>	130
##	1064	1.410206e+19	2020-08-14	0	0	2	A	0
##	1065	1.412190e+19	2020-08-19	1	399	45	B	0
##	1066	1.412548e+19	2020-08-12	0	0	2	A	87
##	1067	1.412703e+19	2020-08-16	0	0	30	A	30
##	1068	1.413481e+19	2020-08-20	0	0	2	A	99
##	1069	1.413617e+18	2020-08-12	0	0	8	D	53
##	1070	1.413851e+19	2020-08-18	0	0	81	C	208
##	1071	1.413889e+19	2020-08-19	0	0	34	C	0
##	1072	1.414054e+19	2020-08-11	0	0	1	D	0
##	1073	1.414880e+19	2020-08-18	0	0	1	A	9
##	1074	1.415064e+19	2020-08-19	0	0	2	A	0
##	1075	1.415270e+19	2020-08-16	0	0	18	G	49
##	1076	1.415478e+19	2020-08-15	0	0	8	D	50
##	1077	1.415504e+18	2020-08-11	0	0	26	A	44
##	1078	1.416313e+19	2020-08-18	0	0	11	B	0
##	1079	1.416645e+18	2020-08-10	0	0	3	A	93
##	1080	1.417240e+19	2020-08-12	0	0	2	A	43
##	1081	1.418170e+19	2020-08-15	0	0	2	C	56
##	1082	1.418415e+18	2020-08-18	0	0	10	C	166
##	1083	1.418862e+19	2020-08-17	0	0	18	C	29
##	1084	1.419100e+19	2020-08-18	0	0	13	A	52
##	1085	1.419113e+19	2020-08-16	0	0	26	A	54

## 1086	1.419477e+19	2020-08-11	0	0	7	C	62
## 1087	1.419869e+19	2020-08-16	1	1339	14	A	0
## 1088	1.419918e+18	2020-08-14	0	0	7	A	0
## 1089	1.420622e+19	2020-08-12	0	0	7	A	141
## 1090	1.422313e+19	2020-08-20	0	0	2	A	7
## 1091	1.423302e+19	2020-08-16	0	0	19	A	0
## 1092	1.424266e+19	2020-08-18	0	0	1	A	0
## 1093	1.424529e+19	2020-08-10	0	0	11	A	0
## 1094	1.424891e+19	2020-08-18	0	0	8	G	71
## 1095	1.426924e+19	2020-08-20	0	0	5	A	35
## 1096	1.427123e+19	2020-08-15	0	0	5	D	85
## 1097	1.427603e+19	2020-08-20	0	0	42	F	31
## 1098	1.427667e+19	2020-08-17	0	0	20	C	0
## 1099	1.427703e+19	2020-08-11	0	0	8	D	141
## 1100	1.428106e+19	2020-08-12	0	0	3	D	0
## 1101	1.429466e+19	2020-08-19	0	0	9	A	0
## 1102	1.430136e+19	2020-08-18	0	0	33	C	0
## 1103	1.430175e+19	2020-08-13	0	0	4	D	0
## 1104	1.430973e+19	2020-08-14	0	0	21	A	65
## 1105	1.431404e+17	2020-08-14	0	0	2	D	0
## 1106	1.432818e+19	2020-08-11	0	0	9	C	42
## 1107	1.432942e+19	2020-08-16	0	0	1	A	11
## 1108	1.433146e+19	2020-08-12	0	0	1	A	0
## 1109	1.433453e+19	2020-08-10	0	0	58	A	0
## 1110	1.433513e+19	2020-08-11	0	0	16	A	16
## 1111	1.434167e+19	2020-08-16	0	0	4	B	73
## 1112	1.434553e+19	2020-08-20	0	0	22	C	29
## 1113	1.434991e+19	2020-08-11	0	0	2	A	0
## 1114	1.436375e+19	2020-08-19	0	0	37	F	32
## 1115	1.437540e+19	2020-08-15	0	0	1	A	86
## 1116	1.437584e+19	2020-08-17	0	0	26	A	38
## 1117	1.437603e+19	2020-08-20	0	0	5	A	29
## 1118	1.437939e+19	2020-08-11	0	0	2	D	0
## 1119	1.439169e+19	2020-08-15	0	0	6	C	0
## 1120	1.439504e+19	2020-08-12	1	1499	24	A	15
## 1121	1.439719e+19	2020-08-12	0	0	11	<NA>	0
## 1122	1.439731e+19	2020-08-16	0	0	5	A	30
## 1123	1.439949e+18	2020-08-18	0	0	4	A	0
## 1124	1.440145e+19	2020-08-10	0	0	1	F	141
## 1125	1.440430e+19	2020-08-20	0	0	5	D	0
## 1126	1.440611e+19	2020-08-17	0	0	7	A	0
## 1127	1.440737e+19	2020-08-19	0	0	1	A	0
## 1128	1.440904e+19	2020-08-16	0	0	10	A	11
## 1129	1.441568e+19	2020-08-20	0	0	2	E	0
## 1130	1.442284e+19	2020-08-14	0	0	1	A	0
## 1131	1.442515e+18	2020-08-10	1	718	16	A	0
## 1132	1.443152e+19	2020-08-14	0	0	6	C	37
## 1133	1.443402e+19	2020-08-20	0	0	2	A	35
## 1134	1.443608e+19	2020-08-16	0	0	46	F	49
## 1135	1.444784e+19	2020-08-13	0	0	1	G	223
## 1136	1.445154e+19	2020-08-15	0	0	18	B	50
## 1137	1.445369e+19	2020-08-18	0	0	11	B	33
## 1138	1.445883e+19	2020-08-16	0	0	4	A	0
## 1139	1.446460e+19	2020-08-14	0	0	1	B	37

## 1140	1.448121e+19	2020-08-12	0	0	3	B	0
## 1141	1.448887e+19	2020-08-20	0	0	4	A	35
## 1142	1.449671e+19	2020-08-12	0	0	14	C	0
## 1143	1.449994e+19	2020-08-14	0	0	8	D	37
## 1144	1.450335e+19	2020-08-10	0	0	3	A	141
## 1145	1.450485e+19	2020-08-13	0	0	4	C	81
## 1146	1.450778e+19	2020-08-10	0	0	1	A	65
## 1147	1.450970e+19	2020-08-11	0	0	4	A	69
## 1148	1.451148e+19	2020-08-20	0	0	54	A	0
## 1149	1.451371e+19	2020-08-10	0	0	14	A	0
## 1150	1.451643e+18	2020-08-13	0	0	5	E	0
## 1151	1.452383e+19	2020-08-10	0	0	2	A	65
## 1152	1.452430e+19	2020-08-13	0	0	2	D	0
## 1153	1.453491e+19	2020-08-11	0	0	1	A	16
## 1154	1.453663e+19	2020-08-17	0	0	47	B	34
## 1155	1.453802e+19	2020-08-18	0	0	15	C	81
## 1156	1.453837e+19	2020-08-17	0	0	5	A	0
## 1157	1.454274e+19	2020-08-15	0	0	3	A	62
## 1158	1.455495e+19	2020-08-10	0	0	4	E	136
## 1159	1.456275e+19	2020-08-12	0	0	4	A	15
## 1160	1.457586e+19	2020-08-15	0	0	1	A	0
## 1161	1.457761e+19	2020-08-17	0	0	7	C	65
## 1162	1.457845e+18	2020-08-19	0	0	5	A	51
## 1163	1.458991e+19	2020-08-12	0	0	2	A	87
## 1164	1.459070e+19	2020-08-17	0	0	11	A	0
## 1165	1.459560e+19	2020-08-14	0	0	1	G	51
## 1166	1.460000e+19	2020-08-19	0	0	1	C	70
## 1167	1.461228e+19	2020-08-10	1	2699	11	A	45
## 1168	1.461240e+19	2020-08-20	0	0	13	D	103
## 1169	1.462179e+19	2020-08-20	0	0	3	A	0
## 1170	1.463092e+19	2020-08-19	0	0	1	A	51
## 1171	1.463287e+19	2020-08-13	0	0	1	D	38
## 1172	1.463376e+19	2020-08-20	0	0	6	C	0
## 1173	1.463532e+19	2020-08-20	0	0	9	A	29
## 1174	1.464392e+19	2020-08-19	1	1339	13	G	70
## 1175	1.464477e+19	2020-08-15	0	0	29	A	0
## 1176	1.465764e+19	2020-08-12	0	0	3	G	111
## 1177	1.466572e+19	2020-08-20	0	0	2	A	50
## 1178	1.467246e+19	2020-08-16	0	0	2	A	11
## 1179	1.467901e+19	2020-08-11	0	0	7	C	0
## 1180	1.468280e+19	2020-08-12	0	0	3	B	0
## 1181	1.468353e+19	2020-08-14	0	0	1	A	13
## 1182	1.468591e+18	2020-08-13	0	0	1	D	0
## 1183	1.468719e+19	2020-08-16	0	0	15	G	49
## 1184	1.470177e+19	2020-08-14	0	0	8	A	41
## 1185	1.470625e+19	2020-08-13	0	0	1	A	141
## 1186	1.470855e+19	2020-08-11	0	0	3	A	16
## 1187	1.471490e+19	2020-08-16	0	0	3	B	35
## 1188	1.471922e+19	2020-08-11	0	0	12	A	42
## 1189	1.472048e+19	2020-08-19	0	0	16	D	32
## 1190	1.472373e+19	2020-08-10	0	0	8	C	0
## 1191	1.473429e+19	2020-08-13	0	0	1	G	52
## 1192	1.474024e+19	2020-08-19	0	0	1	B	0
## 1193	1.474252e+19	2020-08-13	0	0	4	A	0

## 1194	1.474300e+18	2020-08-14	0	0	2	A	65
## 1195	1.474694e+19	2020-08-20	0	0	1	B	31
## 1196	1.474860e+19	2020-08-16	0	0	3	B	0
## 1197	1.475020e+19	2020-08-10	1	1799	9	A	17
## 1198	1.475445e+19	2020-08-20	0	0	2	F	100
## 1199	1.475668e+19	2020-08-11	0	0	4	A	0
## 1200	1.476449e+19	2020-08-13	0	0	18	A	0
## 1201	1.476526e+19	2020-08-10	0	0	51	B	198
## 1202	1.477056e+19	2020-08-11	1	639	1	F	16
## 1203	1.477336e+18	2020-08-13	0	0	1	A	0
## 1204	1.477688e+19	2020-08-20	0	0	4	A	0
## 1205	1.478455e+19	2020-08-14	0	0	13	A	41
## 1206	1.478821e+19	2020-08-14	0	0	4	D	0
## 1207	1.480680e+19	2020-08-11	0	0	5	F	0
## 1208	1.481162e+19	2020-08-16	0	0	4	A	0
## 1209	1.481731e+19	2020-08-15	0	0	30	A	0
## 1210	1.482034e+19	2020-08-14	0	0	1	A	0
## 1211	1.482729e+19	2020-08-19	0	0	38	A	0
## 1212	1.483432e+19	2020-08-18	0	0	31	C	0
## 1213	1.483585e+18	2020-08-17	0	0	29	B	0
## 1214	1.485031e+19	2020-08-11	0	0	1	A	54
## 1215	1.485626e+18	2020-08-16	0	0	15	C	11
## 1216	1.485981e+19	2020-08-20	0	0	1	A	35
## 1217	1.486421e+19	2020-08-15	0	0	39	A	0
## 1218	1.486657e+19	2020-08-20	0	0	9	A	69
## 1219	1.486707e+19	2020-08-12	0	0	2	F	43
## 1220	1.486733e+19	2020-08-16	0	0	7	C	0
## 1221	1.486748e+19	2020-08-12	0	0	3	B	0
## 1222	1.486908e+19	2020-08-11	0	0	2	A	0
## 1223	1.487055e+19	2020-08-14	0	0	5	G	0
## 1224	1.488738e+19	2020-08-18	0	0	30	A	10
## 1225	1.489736e+19	2020-08-19	0	0	4	G	81
## 1226	1.490955e+19	2020-08-13	0	0	16	C	38
## 1227	1.491311e+19	2020-08-10	1	1339	52	A	17
## 1228	1.492002e+19	2020-08-15	0	0	4	C	0
## 1229	1.492231e+18	2020-08-11	0	0	49	A	0
## 1230	1.492961e+19	2020-08-17	0	0	11	A	72
## 1231	1.493097e+19	2020-08-14	0	0	1	A	15
## 1232	1.493490e+19	2020-08-12	0	0	1	D	139
## 1233	1.494122e+19	2020-08-19	0	0	1	D	0
## 1234	1.494240e+19	2020-08-10	0	0	5	D	45
## 1235	1.494381e+19	2020-08-19	0	0	5	B	0
## 1236	1.495258e+19	2020-08-17	0	0	3	A	0
## 1237	1.495839e+19	2020-08-17	0	0	14	A	10
## 1238	1.496779e+19	2020-08-17	0	0	29	B	48
## 1239	1.497390e+19	2020-08-12	0	0	2	A	0
## 1240	1.497941e+19	2020-08-10	0	0	6	E	0
## 1241	1.498915e+19	2020-08-15	0	0	1	A	40
## 1242	1.499573e+18	2020-08-11	0	0	5	B	78
## 1243	1.499811e+19	2020-08-19	0	0	6	D	104
## 1244	1.499882e+19	2020-08-16	0	0	5	A	39
## 1245	1.500111e+19	2020-08-15	0	0	14	B	36
## 1246	1.500810e+19	2020-08-16	0	0	5	D	0
## 1247	1.501062e+19	2020-08-11	0	0	1	A	0

##	1248	1.502431e+19	2020-08-20	0	0	4	A	35
##	1249	1.502808e+19	2020-08-20	0	0	2	A	29
##	1250	1.502894e+19	2020-08-11	0	0	1	A	16
##	1251	1.503088e+19	2020-08-18	0	0	1	A	37
##	1252	1.504266e+19	2020-08-17	0	0	2	A	0
##	1253	1.504655e+19	2020-08-18	0	0	27	A	52
##	1254	1.505748e+19	2020-08-11	0	0	8	A	62
##	1255	1.506565e+19	2020-08-19	0	0	2	E	0
##	1256	1.506878e+19	2020-08-13	0	0	1	A	15
##	1257	1.507223e+19	2020-08-11	0	0	2	A	92
##	1258	1.507539e+19	2020-08-17	0	0	62	<NA>	127
##	1259	1.507952e+19	2020-08-16	0	0	1	A	39
##	1260	1.508657e+19	2020-08-12	0	0	4	G	159
##	1261	1.509518e+19	2020-08-14	0	0	4	A	106
##	1262	1.509545e+19	2020-08-18	0	0	1	A	0
##	1263	1.509611e+19	2020-08-17	0	0	5	G	223
##	1264	1.509719e+19	2020-08-11	0	0	9	A	0
##	1265	1.510076e+19	2020-08-20	0	0	27	A	0
##	1266	1.511437e+19	2020-08-18	0	0	9	D	33
##	1267	1.511984e+19	2020-08-17	0	0	5	A	0
##	1268	1.512563e+19	2020-08-16	0	0	5	A	0
##	1269	1.512571e+19	2020-08-12	0	0	5	A	0
##	1270	1.513066e+19	2020-08-14	0	0	21	A	0
##	1271	1.513308e+18	2020-08-19	0	0	1	B	0
##	1272	1.513345e+19	2020-08-12	0	0	2	A	43
##	1273	1.514216e+19	2020-08-11	0	0	2	B	40
##	1274	1.514933e+19	2020-08-14	0	0	63	A	13
##	1275	1.515266e+19	2020-08-18	0	0	5	<NA>	0
##	1276	1.515310e+19	2020-08-14	0	0	1	A	62
##	1277	1.515335e+19	2020-08-19	0	0	1	<NA>	0
##	1278	1.515719e+19	2020-08-13	0	0	15	C	52
##	1279	1.515764e+19	2020-08-18	0	0	22	A	0
##	1280	1.516082e+19	2020-08-14	0	0	1	A	0
##	1281	1.516570e+19	2020-08-19	0	0	4	A	8
##	1282	1.516881e+19	2020-08-17	0	0	4	D	72
##	1283	1.517572e+19	2020-08-14	0	0	2	A	0
##	1284	1.518076e+19	2020-08-10	0	0	9	C	43
##	1285	1.518214e+19	2020-08-13	0	0	2	A	14
##	1286	1.518587e+19	2020-08-14	0	0	19	A	13
##	1287	1.518928e+19	2020-08-11	0	0	1	A	0
##	1288	1.519061e+19	2020-08-17	0	0	3	D	72
##	1289	1.519417e+19	2020-08-20	1	1569	47	A	0
##	1290	1.519570e+19	2020-08-10	0	0	16	D	55
##	1291	1.519680e+19	2020-08-13	0	0	15	A	67
##	1292	1.520046e+19	2020-08-15	0	0	4	B	0
##	1293	1.520584e+19	2020-08-15	0	0	4	C	81
##	1294	1.520690e+19	2020-08-17	0	0	3	A	0
##	1295	1.520829e+19	2020-08-12	0	0	6	A	0
##	1296	1.520848e+19	2020-08-17	0	0	1	A	0
##	1297	1.520966e+19	2020-08-14	0	0	1	E	0
##	1298	1.522328e+19	2020-08-16	0	0	4	C	208
##	1299	1.522592e+19	2020-08-10	0	0	2	A	17
##	1300	1.524427e+19	2020-08-19	0	0	5	A	101
##	1301	1.524473e+19	2020-08-17	0	0	1	E	0

##	1302	1.524528e+19	2020-08-17	0	0	2	A	53
##	1303	1.524734e+19	2020-08-19	0	0	6	A	0
##	1304	1.525275e+19	2020-08-18	0	0	8	C	0
##	1305	1.526029e+19	2020-08-14	0	0	4	E	0
##	1306	1.526928e+19	2020-08-11	0	0	39	B	0
##	1307	1.527300e+19	2020-08-14	0	0	5	C	13
##	1308	1.527365e+19	2020-08-18	0	0	2	A	52
##	1309	1.527494e+19	2020-08-20	0	0	7	C	117
##	1310	1.527682e+19	2020-08-11	0	0	1	A	0
##	1311	1.527703e+19	2020-08-19	0	0	9	C	32
##	1312	1.528704e+19	2020-08-19	0	0	9	<NA>	0
##	1313	1.529559e+19	2020-08-10	0	0	1	A	0
##	1314	1.529570e+19	2020-08-16	0	0	60	A	11
##	1315	1.529714e+19	2020-08-18	0	0	2	C	0
##	1316	1.530173e+19	2020-08-19	0	0	3	A	0
##	1317	1.530869e+19	2020-08-13	0	0	1	C	0
##	1318	1.531077e+19	2020-08-19	0	0	1	F	141
##	1319	1.531440e+19	2020-08-19	1	1499	25	A	36
##	1320	1.531485e+18	2020-08-16	0	0	2	A	0
##	1321	1.531529e+18	2020-08-18	0	0	14	A	52
##	1322	1.531840e+19	2020-08-19	0	0	13	D	0
##	1323	1.532469e+19	2020-08-19	0	0	6	D	0
##	1324	1.532703e+19	2020-08-16	0	0	13	A	0
##	1325	1.532822e+19	2020-08-13	0	0	13	C	81
##	1326	1.533865e+19	2020-08-10	0	0	9	D	0
##	1327	1.535239e+18	2020-08-19	0	0	6	A	30
##	1328	1.535331e+19	2020-08-20	0	0	4	A	0
##	1329	1.535523e+19	2020-08-17	0	0	3	A	0
##	1330	1.536180e+18	2020-08-11	0	0	1	A	16
##	1331	1.536589e+19	2020-08-12	0	0	2	A	15
##	1332	1.536925e+19	2020-08-12	0	0	32	A	16
##	1333	1.537053e+19	2020-08-19	0	0	41	B	32
##	1334	1.537071e+19	2020-08-10	0	0	9	C	17
##	1335	1.537567e+19	2020-08-13	0	0	20	A	14
##	1336	1.537740e+19	2020-08-17	0	0	1	A	141
##	1337	1.537985e+19	2020-08-10	0	0	6	A	0
##	1338	1.538085e+18	2020-08-13	0	0	1	A	65
##	1339	1.538413e+19	2020-08-14	0	0	16	C	0
##	1340	1.538475e+19	2020-08-16	0	0	1	A	54
##	1341	1.539735e+19	2020-08-14	0	0	12	C	0
##	1342	1.539788e+19	2020-08-15	0	0	2	A	31
##	1343	1.540569e+19	2020-08-17	0	0	21	C	166
##	1344	1.541256e+19	2020-08-18	0	0	9	G	153
##	1345	1.541312e+19	2020-08-15	0	0	3	A	0
##	1346	1.541353e+19	2020-08-10	0	0	3	D	81
##	1347	1.542684e+19	2020-08-10	0	0	3	A	45
##	1348	1.543048e+19	2020-08-15	0	0	62	A	13
##	1349	1.544019e+19	2020-08-12	0	0	1	A	0
##	1350	1.544290e+19	2020-08-10	0	0	18	D	81
##	1351	1.544595e+19	2020-08-20	0	0	6	B	0
##	1352	1.544653e+19	2020-08-10	0	0	2	A	0
##	1353	1.547244e+19	2020-08-11	0	0	11	A	109
##	1354	1.547246e+19	2020-08-15	0	0	4	B	0
##	1355	1.547768e+19	2020-08-19	0	0	1	E	0

## 1356	1.548169e+19	2020-08-13	0	0	6	D	52
## 1357	1.549119e+19	2020-08-14	0	0	2	B	75
## 1358	1.549910e+19	2020-08-17	0	0	6	A	38
## 1359	1.550265e+19	2020-08-18	0	0	29	<NA>	0
## 1360	1.552045e+19	2020-08-13	0	0	1	A	14
## 1361	1.552491e+19	2020-08-13	0	0	1	A	14
## 1362	1.552625e+18	2020-08-20	0	0	1	A	26
## 1363	1.553201e+19	2020-08-18	1	1529	39	A	0
## 1364	1.553966e+18	2020-08-18	1	1299	16	A	28
## 1365	1.554016e+19	2020-08-13	0	0	4	D	38
## 1366	1.554073e+19	2020-08-17	0	0	5	A	0
## 1367	1.554914e+19	2020-08-15	0	0	8	A	0
## 1368	1.554939e+19	2020-08-17	0	0	2	A	0
## 1369	1.555393e+19	2020-08-19	0	0	11	A	0
## 1370	1.555841e+19	2020-08-16	0	0	16	B	49
## 1371	1.556289e+19	2020-08-19	0	0	11	A	51
## 1372	1.556359e+19	2020-08-16	1	999	7	F	49
## 1373	1.556949e+19	2020-08-13	0	0	25	A	0
## 1374	1.558554e+18	2020-08-13	0	0	17	B	52
## 1375	1.559146e+19	2020-08-17	0	0	3	C	0
## 1376	1.559269e+19	2020-08-16	0	0	15	F	104
## 1377	1.559336e+19	2020-08-17	0	0	8	A	10
## 1378	1.559341e+19	2020-08-11	0	0	1	A	0
## 1379	1.560619e+19	2020-08-16	0	0	9	D	35
## 1380	1.560821e+19	2020-08-20	0	0	2	A	35
## 1381	1.561492e+19	2020-08-14	0	0	1	A	41
## 1382	1.561901e+19	2020-08-18	0	0	1	A	101
## 1383	1.562993e+19	2020-08-10	0	0	4	<NA>	17
## 1384	1.563278e+18	2020-08-16	0	0	7	A	0
## 1385	1.563400e+19	2020-08-10	0	0	16	F	0
## 1386	1.563711e+19	2020-08-11	0	0	17	D	0
## 1387	1.564170e+19	2020-08-20	0	0	3	B	0
## 1388	1.565191e+19	2020-08-16	0	0	14	F	0
## 1389	1.566284e+19	2020-08-12	0	0	22	D	53
## 1390	1.566571e+19	2020-08-12	0	0	16	B	0
## 1391	1.566629e+19	2020-08-14	0	0	6	A	0
## 1392	1.566948e+19	2020-08-13	0	0	1	A	0
## 1393	1.567341e+19	2020-08-16	0	0	3	D	65
## 1394	1.567427e+19	2020-08-13	0	0	11	A	65
## 1395	1.567556e+18	2020-08-17	0	0	18	A	0
## 1396	1.567615e+19	2020-08-20	0	0	54	C	208
## 1397	1.567968e+19	2020-08-13	0	0	1	A	16
## 1398	1.568608e+19	2020-08-18	0	0	2	A	0
## 1399	1.568806e+18	2020-08-14	0	0	3	D	95
## 1400	1.570357e+19	2020-08-16	0	0	6	C	0
## 1401	1.570687e+19	2020-08-17	0	0	5	<NA>	0
## 1402	1.571204e+19	2020-08-15	0	0	34	A	65
## 1403	1.571856e+19	2020-08-14	0	0	20	A	0
## 1404	1.572801e+19	2020-08-20	0	0	2	G	45
## 1405	1.572880e+19	2020-08-12	0	0	21	A	15
## 1406	1.573157e+19	2020-08-20	0	0	33	A	35
## 1407	1.573953e+19	2020-08-17	0	0	7	A	38
## 1408	1.574649e+18	2020-08-13	0	0	1	C	0
## 1409	1.575209e+19	2020-08-14	0	0	1	A	51

## 1410	1.576425e+19	2020-08-15	0	0	1	D	0
## 1411	1.577533e+18	2020-08-15	0	0	9	A	40
## 1412	1.577675e+19	2020-08-16	0	0	7	G	155
## 1413	1.578594e+18	2020-08-20	0	0	10	A	50
## 1414	1.579260e+19	2020-08-12	1	669	26	C	3
## 1415	1.580612e+19	2020-08-15	0	0	2	F	50
## 1416	1.581220e+18	2020-08-18	0	0	1	C	0
## 1417	1.581312e+19	2020-08-15	0	0	7	G	156
## 1418	1.581767e+19	2020-08-18	0	0	4	A	52
## 1419	1.582125e+19	2020-08-12	0	0	1	G	39
## 1420	1.582478e+19	2020-08-13	0	0	3	A	0
## 1421	1.582534e+19	2020-08-10	0	0	1	D	0
## 1422	1.582863e+19	2020-08-11	0	0	3	A	0
## 1423	1.584647e+19	2020-08-16	1	739	183	C	0
## 1424	1.584695e+19	2020-08-12	0	0	6	A	0
## 1425	1.585089e+18	2020-08-19	0	0	5	A	51
## 1426	1.585758e+19	2020-08-17	0	0	8	A	0
## 1427	1.585823e+19	2020-08-13	0	0	46	A	15
## 1428	1.586442e+19	2020-08-16	0	0	4	A	11
## 1429	1.586678e+18	2020-08-12	0	0	1	F	17
## 1430	1.586807e+18	2020-08-18	0	0	3	A	28
## 1431	1.586924e+19	2020-08-19	0	0	13	A	0
## 1432	1.587237e+19	2020-08-18	0	0	1	D	0
## 1433	1.587304e+19	2020-08-18	0	0	5	A	0
## 1434	1.587949e+19	2020-08-19	0	0	12	D	81
## 1435	1.588116e+19	2020-08-18	0	0	5	A	0
## 1436	1.588829e+19	2020-08-17	0	0	1	G	72
## 1437	1.588968e+19	2020-08-11	0	0	2	A	44
## 1438	1.588982e+19	2020-08-18	0	0	1	<NA>	0
## 1439	1.589044e+19	2020-08-16	0	0	6	A	0
## 1440	1.589257e+19	2020-08-12	0	0	1	A	17
## 1441	1.589468e+19	2020-08-10	0	0	4	D	43
## 1442	1.590179e+19	2020-08-17	0	0	8	B	34
## 1443	1.590327e+19	2020-08-11	0	0	44	A	0
## 1444	1.591271e+19	2020-08-10	0	0	2	A	19
## 1445	1.591273e+19	2020-08-12	0	0	6	C	59
## 1446	1.592413e+19	2020-08-15	1	899	24	C	0
## 1447	1.592476e+19	2020-08-17	0	0	2	D	32
## 1448	1.593123e+19	2020-08-11	0	0	1	A	0
## 1449	1.593317e+19	2020-08-17	0	0	1	A	29
## 1450	1.593906e+19	2020-08-11	0	0	9	C	208
## 1451	1.593961e+19	2020-08-16	0	0	16	D	33
## 1452	1.594223e+19	2020-08-11	0	0	1	A	44
## 1453	1.594241e+19	2020-08-12	0	0	1	A	91
## 1454	1.595126e+18	2020-08-12	0	0	30	B	0
## 1455	1.595971e+19	2020-08-19	0	0	2	A	8
## 1456	1.596202e+19	2020-08-17	0	0	3	F	32
## 1457	1.596589e+19	2020-08-17	0	0	2	B	0
## 1458	1.596746e+19	2020-08-15	0	0	1	A	65
## 1459	1.597726e+19	2020-08-13	0	0	1	A	62
## 1460	1.597820e+19	2020-08-15	0	0	48	A	0
## 1461	1.598939e+19	2020-08-15	0	0	2	A	0
## 1462	1.598956e+17	2020-08-14	0	0	12	A	0
## 1463	1.598971e+19	2020-08-14	0	0	1	<NA>	0

## 1464	1.599218e+19	2020-08-14	0	0	5	A	132
## 1465	1.599861e+18	2020-08-10	0	0	2	A	0
## 1466	1.600176e+19	2020-08-19	0	0	8	A	0
## 1467	1.600751e+19	2020-08-10	0	0	2	A	0
## 1468	1.602071e+19	2020-08-11	0	0	1	A	92
## 1469	1.602408e+19	2020-08-18	0	0	8	A	0
## 1470	1.602439e+19	2020-08-14	0	0	1	F	85
## 1471	1.602842e+19	2020-08-13	0	0	8	B	0
## 1472	1.604107e+19	2020-08-16	0	0	10	D	155
## 1473	1.604339e+19	2020-08-20	0	0	2	A	29
## 1474	1.604653e+19	2020-08-10	0	0	4	A	91
## 1475	1.605741e+19	2020-08-18	0	0	4	C	0
## 1476	1.605899e+19	2020-08-15	0	0	1	A	62
## 1477	1.606126e+19	2020-08-19	0	0	1	C	0
## 1478	1.606514e+19	2020-08-11	0	0	4	A	0
## 1479	1.606889e+19	2020-08-14	0	0	42	A	0
## 1480	1.607085e+17	2020-08-16	0	0	3	A	11
## 1481	1.607114e+19	2020-08-14	0	0	10	A	13
## 1482	1.607302e+19	2020-08-10	0	0	32	B	223
## 1483	1.608007e+19	2020-08-17	0	0	2	D	0
## 1484	1.608675e+19	2020-08-12	0	0	5	C	0
## 1485	1.609097e+19	2020-08-11	0	0	6	C	0
## 1486	1.610146e+19	2020-08-11	0	0	1	F	68
## 1487	1.610189e+19	2020-08-16	0	0	4	A	0
## 1488	1.610591e+19	2020-08-11	0	0	36	B	223
## 1489	1.610647e+19	2020-08-11	0	0	5	C	0
## 1490	1.611107e+19	2020-08-18	0	0	45	A	0
## 1491	1.611837e+19	2020-08-11	0	0	1	A	0
## 1492	1.611923e+18	2020-08-17	0	0	1	A	53
## 1493	1.612478e+19	2020-08-17	0	0	20	F	34
## 1494	1.612524e+19	2020-08-12	0	0	3	A	0
## 1495	1.613006e+19	2020-08-16	0	0	2	A	141
## 1496	1.613813e+19	2020-08-11	0	0	3	A	0
## 1497	1.614035e+19	2020-08-12	0	0	1	G	53
## 1498	1.614110e+19	2020-08-15	0	0	1	A	0
## 1499	1.614113e+19	2020-08-20	0	0	4	A	0
## 1500	1.614464e+19	2020-08-12	0	0	2	D	97
## 1501	1.615427e+19	2020-08-16	0	0	2	A	54
## 1502	1.615562e+19	2020-08-14	0	0	10	B	37
## 1503	1.615827e+19	2020-08-17	0	0	13	C	34
## 1504	1.616901e+19	2020-08-11	1	939	25	C	0
## 1505	1.616927e+18	2020-08-16	0	0	16	C	0
## 1506	1.616936e+19	2020-08-14	0	0	3	A	0
## 1507	1.618605e+19	2020-08-17	0	0	1	D	0
## 1508	1.619069e+19	2020-08-16	0	0	14	C	0
## 1509	1.621740e+19	2020-08-19	0	0	2	A	51
## 1510	1.622224e+19	2020-08-20	0	0	7	A	100
## 1511	1.622377e+19	2020-08-15	0	0	18	C	0
## 1512	1.622615e+19	2020-08-19	0	0	7	E	0
## 1513	1.623742e+19	2020-08-20	0	0	1	A	35
## 1514	1.624191e+19	2020-08-14	0	0	4	A	106
## 1515	1.624387e+19	2020-08-12	0	0	1	A	0
## 1516	1.624862e+18	2020-08-18	0	0	5	A	141
## 1517	1.625210e+19	2020-08-12	1	349	14	C	0

## 1518	1.625441e+19	2020-08-18	0	0	4	A	0
## 1519	1.625593e+19	2020-08-11	0	0	1	B	42
## 1520	1.625972e+19	2020-08-19	0	0	4	<NA>	27
## 1521	1.626102e+19	2020-08-14	0	0	6	C	208
## 1522	1.626190e+19	2020-08-15	0	0	1	F	141
## 1523	1.626431e+19	2020-08-17	0	0	1	A	0
## 1524	1.626511e+19	2020-08-15	0	0	8	D	108
## 1525	1.627465e+19	2020-08-19	0	0	5	A	36
## 1526	1.627495e+19	2020-08-18	0	0	6	C	71
## 1527	1.627528e+19	2020-08-19	0	0	1	G	32
## 1528	1.628010e+19	2020-08-10	0	0	10	F	55
## 1529	1.628755e+19	2020-08-20	0	0	4	A	0
## 1530	1.629157e+19	2020-08-16	0	0	18	C	49
## 1531	1.629238e+18	2020-08-12	0	0	6	A	0
## 1532	1.631268e+19	2020-08-20	0	0	3	C	69
## 1533	1.632382e+19	2020-08-19	0	0	4	F	77
## 1534	1.632636e+19	2020-08-12	0	0	1	F	87
## 1535	1.632685e+18	2020-08-18	0	0	8	A	37
## 1536	1.632900e+19	2020-08-13	0	0	8	C	208
## 1537	1.633072e+19	2020-08-15	0	0	33	A	12
## 1538	1.633174e+19	2020-08-14	0	0	3	A	65
## 1539	1.633801e+19	2020-08-12	0	0	14	A	0
## 1540	1.634706e+19	2020-08-16	0	0	41	A	12
## 1541	1.635516e+19	2020-08-20	0	0	6	G	31
## 1542	1.635657e+19	2020-08-17	0	0	4	D	72
## 1543	1.636419e+19	2020-08-15	0	0	10	A	65
## 1544	1.637044e+19	2020-08-17	0	0	4	A	53
## 1545	1.637469e+19	2020-08-12	0	0	20	B	0
## 1546	1.637761e+19	2020-08-19	1	419	12	A	30
## 1547	1.638137e+19	2020-08-12	0	0	3	A	43
## 1548	1.638194e+18	2020-08-19	0	0	4	A	0
## 1549	1.638795e+19	2020-08-13	0	0	5	A	0
## 1550	1.638891e+19	2020-08-11	0	0	6	A	0
## 1551	1.639102e+19	2020-08-20	0	0	5	A	29
## 1552	1.639259e+19	2020-08-14	0	0	12	C	2
## 1553	1.639854e+19	2020-08-16	0	0	1	A	141
## 1554	1.640095e+19	2020-08-16	0	0	3	A	54
## 1555	1.640559e+19	2020-08-11	0	0	3	A	18
## 1556	1.641893e+19	2020-08-20	0	0	3	C	0
## 1557	1.643669e+19	2020-08-17	0	0	33	A	0
## 1558	1.644820e+19	2020-08-20	0	0	1	G	69
## 1559	1.645346e+19	2020-08-12	0	0	5	C	53
## 1560	1.645430e+19	2020-08-13	0	0	17	B	2
## 1561	1.645972e+19	2020-08-16	0	0	2	C	0
## 1562	1.646484e+19	2020-08-11	0	0	3	B	0
## 1563	1.647102e+19	2020-08-15	0	0	42	B	50
## 1564	1.647105e+19	2020-08-12	0	0	8	F	0
## 1565	1.647389e+18	2020-08-14	0	0	2	A	0
## 1566	1.648130e+19	2020-08-20	0	0	1	A	26
## 1567	1.648348e+19	2020-08-14	0	0	21	A	0
## 1568	1.648369e+19	2020-08-18	0	0	8	A	37
## 1569	1.648648e+19	2020-08-16	0	0	12	A	0
## 1570	1.649819e+19	2020-08-12	0	0	18	B	3
## 1571	1.650575e+19	2020-08-16	0	0	13	C	55

## 1572	1.650690e+19	2020-08-19	0	0	1	A	51
## 1573	1.652028e+19	2020-08-16	0	0	3	A	30
## 1574	1.652273e+19	2020-08-14	0	0	17	F	0
## 1575	1.652555e+19	2020-08-11	1	599	47	C	42
## 1576	1.654323e+19	2020-08-20	0	0	3	A	0
## 1577	1.654952e+19	2020-08-19	0	0	15	B	62
## 1578	1.655350e+19	2020-08-20	0	0	8	A	35
## 1579	1.655431e+19	2020-08-18	0	0	50	F	47
## 1580	1.655993e+19	2020-08-12	0	0	1	D	59
## 1581	1.656561e+19	2020-08-16	0	0	4	A	30
## 1582	1.656805e+19	2020-08-14	0	0	7	A	0
## 1583	1.657429e+19	2020-08-18	0	0	3	E	128
## 1584	1.658182e+19	2020-08-20	0	0	1	A	0
## 1585	1.658735e+19	2020-08-19	0	0	4	A	0
## 1586	1.659340e+19	2020-08-14	0	0	2	A	65
## 1587	1.659649e+19	2020-08-18	0	0	3	C	9
## 1588	1.659930e+19	2020-08-18	0	0	2	C	9
## 1589	1.660231e+19	2020-08-18	0	0	5	A	9
## 1590	1.660727e+19	2020-08-19	0	0	1	A	36
## 1591	1.661418e+19	2020-08-14	0	0	2	A	15
## 1592	1.661476e+19	2020-08-16	0	0	10	A	62
## 1593	1.661502e+19	2020-08-19	0	0	17	A	0
## 1594	1.662696e+19	2020-08-19	0	0	4	D	0
## 1595	1.662800e+19	2020-08-14	0	0	7	B	57
## 1596	1.662881e+19	2020-08-14	0	0	2	D	51
## 1597	1.663644e+18	2020-08-19	0	0	2	A	0
## 1598	1.664446e+19	2020-08-11	0	0	2	A	62
## 1599	1.664977e+19	2020-08-14	0	0	2	B	141
## 1600	1.665202e+19	2020-08-12	0	0	11	A	89
## 1601	1.665244e+19	2020-08-17	0	0	17	<NA>	0
## 1602	1.665333e+19	2020-08-13	0	0	1	A	0
## 1603	1.665636e+19	2020-08-20	0	0	7	A	35
## 1604	1.665862e+19	2020-08-11	0	0	1	F	44
## 1605	1.666383e+19	2020-08-16	0	0	1	<NA>	0
## 1606	1.666812e+19	2020-08-19	0	0	3	A	0
## 1607	1.667138e+19	2020-08-18	0	0	16	A	52
## 1608	1.667336e+19	2020-08-17	0	0	3	A	141
## 1609	1.667548e+19	2020-08-18	0	0	8	A	0
## 1610	1.667659e+19	2020-08-11	0	0	3	E	0
## 1611	1.667861e+19	2020-08-12	0	0	4	A	15
## 1612	1.668526e+19	2020-08-14	0	0	5	A	0
## 1613	1.669149e+19	2020-08-12	0	0	68	A	0
## 1614	1.669781e+19	2020-08-20	0	0	3	A	0
## 1615	1.670078e+19	2020-08-12	0	0	8	A	0
## 1616	1.670259e+19	2020-08-11	3	2217	153	C	0
## 1617	1.670451e+19	2020-08-11	0	0	30	A	92
## 1618	1.671670e+19	2020-08-10	0	0	10	A	45
## 1619	1.672439e+19	2020-08-15	0	0	2	D	65
## 1620	1.672465e+17	2020-08-10	0	0	1	A	0
## 1621	1.672972e+19	2020-08-15	0	0	2	B	0
## 1622	1.673521e+19	2020-08-17	0	0	1	E	0
## 1623	1.673758e+19	2020-08-15	0	0	2	G	0
## 1624	1.675124e+18	2020-08-20	0	0	5	<NA>	81
## 1625	1.675450e+19	2020-08-11	0	0	2	D	0

## 1626	1.676388e+19	2020-08-19	0	0	4	A	0
## 1627	1.676416e+19	2020-08-12	0	0	12	C	39
## 1628	1.676688e+19	2020-08-19	1	1149	28	A	0
## 1629	1.677468e+19	2020-08-15	0	0	25	C	0
## 1630	1.678531e+19	2020-08-19	0	0	1	A	36
## 1631	1.679721e+19	2020-08-16	0	0	14	<NA>	0
## 1632	1.679752e+19	2020-08-11	0	0	10	A	0
## 1633	1.680498e+19	2020-08-20	0	0	40	A	26
## 1634	1.680520e+19	2020-08-19	0	0	11	A	0
## 1635	1.680663e+19	2020-08-17	0	0	3	A	38
## 1636	1.681295e+19	2020-08-17	0	0	23	C	0
## 1637	1.681904e+19	2020-08-20	0	0	4	A	0
## 1638	1.682205e+18	2020-08-19	0	0	7	A	0
## 1639	1.682406e+19	2020-08-19	0	0	1	A	30
## 1640	1.683146e+19	2020-08-12	0	0	1	<NA>	0
## 1641	1.683508e+19	2020-08-19	0	0	4	A	51
## 1642	1.683530e+19	2020-08-14	0	0	4	D	157
## 1643	1.684081e+19	2020-08-19	0	0	2	E	0
## 1644	1.684298e+19	2020-08-10	0	0	1	C	0
## 1645	1.684729e+19	2020-08-14	0	0	2	A	87
## 1646	1.686156e+19	2020-08-10	0	0	1	A	0
## 1647	1.686357e+19	2020-08-14	0	0	28	B	223
## 1648	1.686402e+19	2020-08-20	0	0	4	B	81
## 1649	1.686481e+19	2020-08-19	0	0	14	C	0
## 1650	1.686587e+19	2020-08-14	0	0	1	A	41
## 1651	1.687220e+19	2020-08-20	0	0	6	A	0
## 1652	1.687326e+19	2020-08-15	0	0	4	D	0
## 1653	1.687836e+19	2020-08-18	0	0	3	A	0
## 1654	1.687942e+19	2020-08-12	0	0	4	D	159
## 1655	1.688494e+19	2020-08-11	0	0	25	F	40
## 1656	1.688865e+19	2020-08-18	0	0	4	<NA>	81
## 1657	1.689405e+19	2020-08-10	0	0	12	B	0
## 1658	1.689650e+19	2020-08-11	0	0	4	D	0
## 1659	1.690245e+19	2020-08-18	0	0	2	F	31
## 1660	1.690344e+19	2020-08-17	0	0	65	A	53
## 1661	1.690604e+19	2020-08-19	0	0	1	A	51
## 1662	1.691246e+19	2020-08-16	0	0	61	A	54
## 1663	1.691554e+19	2020-08-20	0	0	5	A	8
## 1664	1.692214e+19	2020-08-13	0	0	3	G	52
## 1665	1.692526e+19	2020-08-11	0	0	7	A	0
## 1666	1.693342e+18	2020-08-16	0	0	30	A	12
## 1667	1.693610e+19	2020-08-18	0	0	3	A	0
## 1668	1.693628e+19	2020-08-12	0	0	48	A	43
## 1669	1.693815e+19	2020-08-13	0	0	1	E	0
## 1670	1.694439e+19	2020-08-18	0	0	1	B	141
## 1671	1.695853e+19	2020-08-17	0	0	1	A	11
## 1672	1.695901e+19	2020-08-20	0	0	2	C	45
## 1673	1.695935e+19	2020-08-19	0	0	1	G	70
## 1674	1.696841e+19	2020-08-20	0	0	3	G	45
## 1675	1.697080e+19	2020-08-13	0	0	9	C	208
## 1676	1.697915e+19	2020-08-19	0	0	2	A	141
## 1677	1.698180e+19	2020-08-11	0	0	2	A	44
## 1678	1.698493e+18	2020-08-15	0	0	1	A	31
## 1679	1.698783e+19	2020-08-14	0	0	1	A	0

## 1680	1.698791e+19	2020-08-14	0	0	4	A	62
## 1681	1.698902e+19	2020-08-16	0	0	10	A	30
## 1682	1.699739e+19	2020-08-13	0	0	6	C	81
## 1683	1.699742e+19	2020-08-10	0	0	27	A	0
## 1684	1.701793e+19	2020-08-20	0	0	16	A	0
## 1685	1.701827e+19	2020-08-20	0	0	1	A	8
## 1686	1.701926e+19	2020-08-20	0	0	1	B	0
## 1687	1.702531e+19	2020-08-20	0	0	1	A	0
## 1688	1.703513e+19	2020-08-17	0	0	3	A	0
## 1689	1.703617e+19	2020-08-19	0	0	1	A	51
## 1690	1.704371e+19	2020-08-18	0	0	2	A	0
## 1691	1.704372e+19	2020-08-12	0	0	26	C	0
## 1692	1.704673e+19	2020-08-10	0	0	10	<NA>	0
## 1693	1.704720e+19	2020-08-17	0	0	56	A	29
## 1694	1.705137e+19	2020-08-13	0	0	8	A	42
## 1695	1.707267e+19	2020-08-11	0	0	27	C	0
## 1696	1.708112e+19	2020-08-18	1	1269	5	G	33
## 1697	1.708126e+19	2020-08-17	0	0	9	A	62
## 1698	1.708173e+19	2020-08-14	0	0	2	A	13
## 1699	1.708262e+19	2020-08-15	0	0	11	A	40
## 1700	1.708508e+19	2020-08-17	0	0	1	D	141
## 1701	1.708654e+19	2020-08-13	0	0	1	A	0
## 1702	1.708758e+19	2020-08-19	0	0	9	G	46
## 1703	1.708894e+19	2020-08-11	0	0	4	C	0
## 1704	1.709348e+19	2020-08-20	0	0	12	G	69
## 1705	1.709932e+19	2020-08-20	0	0	31	A	50
## 1706	1.710818e+19	2020-08-13	0	0	2	D	87
## 1707	1.711783e+19	2020-08-10	0	0	2	A	45
## 1708	1.711840e+18	2020-08-16	0	0	2	D	0
## 1709	1.712892e+19	2020-08-13	0	0	1	A	16
## 1710	1.713684e+19	2020-08-15	0	0	4	A	65
## 1711	1.714708e+18	2020-08-17	0	0	22	A	38
## 1712	1.715343e+19	2020-08-14	0	0	1	D	86
## 1713	1.715723e+18	2020-08-11	0	0	2	A	18
## 1714	1.716085e+19	2020-08-11	0	0	8	G	54
## 1715	1.716984e+19	2020-08-13	0	0	6	G	208
## 1716	1.717016e+19	2020-08-18	0	0	3	D	33
## 1717	1.717772e+19	2020-08-10	0	0	1	A	141
## 1718	1.718602e+19	2020-08-13	0	0	6	A	0
## 1719	1.719464e+19	2020-08-16	0	0	1	B	0
## 1720	1.719880e+19	2020-08-19	0	0	4	A	30
## 1721	1.719972e+19	2020-08-18	1	796	2	D	0
## 1722	1.720956e+19	2020-08-13	0	0	1	A	16
## 1723	1.721119e+19	2020-08-11	0	0	30	A	0
## 1724	1.721565e+19	2020-08-14	0	0	16	C	13
## 1725	1.722431e+18	2020-08-14	0	0	14	C	37
## 1726	1.724379e+19	2020-08-12	0	0	1	A	108
## 1727	1.724682e+19	2020-08-15	0	0	11	A	65
## 1728	1.724841e+19	2020-08-19	0	0	5	E	9
## 1729	1.725135e+19	2020-08-15	0	0	7	A	12
## 1730	1.725328e+19	2020-08-17	0	0	1	F	32
## 1731	1.725383e+19	2020-08-12	0	0	7	E	0
## 1732	1.725431e+19	2020-08-19	0	0	9	D	70
## 1733	1.725672e+19	2020-08-18	0	0	1	A	28

## 1734	1.725884e+19	2020-08-16	0	0	1	A	39
## 1735	1.726870e+19	2020-08-18	0	0	4	D	0
## 1736	1.727570e+19	2020-08-20	0	0	4	A	50
## 1737	1.728180e+19	2020-08-20	0	0	39	C	0
## 1738	1.728663e+19	2020-08-11	0	0	3	A	0
## 1739	1.728929e+19	2020-08-15	0	0	2	A	14
## 1740	1.729646e+18	2020-08-18	0	0	8	F	78
## 1741	1.729681e+19	2020-08-13	0	0	4	<NA>	14
## 1742	1.730425e+19	2020-08-19	0	0	59	A	0
## 1743	1.730696e+19	2020-08-16	0	0	2	A	39
## 1744	1.730794e+19	2020-08-15	0	0	6	G	108
## 1745	1.730946e+19	2020-08-10	0	0	2	D	0
## 1746	1.730952e+19	2020-08-12	0	0	5	C	53
## 1747	1.731135e+19	2020-08-19	0	0	14	F	46
## 1748	1.731181e+18	2020-08-18	0	0	65	A	52
## 1749	1.731574e+19	2020-08-17	0	0	8	C	81
## 1750	1.731879e+19	2020-08-10	0	0	16	B	41
## 1751	1.731993e+19	2020-08-15	0	0	3	A	131
## 1752	1.733195e+19	2020-08-19	0	0	6	B	81
## 1753	1.733653e+19	2020-08-15	0	0	2	A	0
## 1754	1.734331e+19	2020-08-16	0	0	1	A	0
## 1755	1.734802e+19	2020-08-20	0	0	5	A	26
## 1756	1.735589e+19	2020-08-11	0	0	66	A	90
## 1757	1.735841e+19	2020-08-10	1	1149	32	A	0
## 1758	1.736074e+19	2020-08-14	0	0	19	C	57
## 1759	1.736793e+19	2020-08-18	0	0	2	A	31
## 1760	1.736964e+19	2020-08-10	0	0	27	A	17
## 1761	1.738181e+19	2020-08-12	0	0	3	C	0
## 1762	1.738383e+19	2020-08-14	0	0	2	B	37
## 1763	1.738729e+19	2020-08-18	0	0	1	A	0
## 1764	1.739460e+19	2020-08-10	0	0	7	F	0
## 1765	1.739639e+19	2020-08-19	0	0	5	A	27
## 1766	1.741393e+19	2020-08-15	0	0	17	G	156
## 1767	1.742790e+19	2020-08-14	0	0	5	D	41
## 1768	1.743300e+19	2020-08-12	0	0	12	A	15
## 1769	1.743637e+19	2020-08-14	0	0	2	D	0
## 1770	1.743656e+19	2020-08-15	0	0	6	A	0
## 1771	1.743743e+19	2020-08-18	0	0	10	A	0
## 1772	1.744208e+19	2020-08-11	0	0	4	A	0
## 1773	1.744248e+19	2020-08-16	0	0	23	A	54
## 1774	1.745681e+19	2020-08-18	0	0	13	C	0
## 1775	1.746410e+19	2020-08-15	0	0	12	C	50
## 1776	1.746815e+19	2020-08-16	0	0	5	G	84
## 1777	1.749294e+19	2020-08-19	0	0	10	A	70
## 1778	1.749354e+19	2020-08-10	0	0	14	A	43
## 1779	1.750197e+19	2020-08-14	0	0	28	A	14
## 1780	1.750368e+19	2020-08-15	0	0	1	A	50
## 1781	1.750462e+19	2020-08-11	0	0	5	A	135
## 1782	1.750601e+19	2020-08-18	0	0	6	<NA>	81
## 1783	1.750912e+19	2020-08-17	0	0	3	D	0
## 1784	1.750946e+18	2020-08-13	0	0	7	<NA>	2
## 1785	1.752572e+17	2020-08-12	0	0	8	C	0
## 1786	1.752899e+19	2020-08-17	0	0	4	A	32
## 1787	1.753161e+19	2020-08-20	0	0	1	A	0

## 1788	1.753443e+18	2020-08-15	0	0	3	A	12
## 1789	1.753651e+19	2020-08-17	0	0	5	D	0
## 1790	1.753708e+19	2020-08-13	0	0	1	A	0
## 1791	1.754323e+19	2020-08-13	0	0	4	A	0
## 1792	1.755425e+19	2020-08-16	0	0	37	B	35
## 1793	1.755736e+19	2020-08-15	0	0	3	<NA>	81
## 1794	1.755803e+19	2020-08-17	0	0	60	B	34
## 1795	1.755839e+19	2020-08-20	0	0	1	A	35
## 1796	1.756981e+19	2020-08-12	0	0	5	A	0
## 1797	1.758122e+19	2020-08-18	0	0	6	A	0
## 1798	1.758223e+18	2020-08-20	0	0	10	C	81
## 1799	1.758723e+19	2020-08-16	0	0	5	G	35
## 1800	1.759129e+18	2020-08-19	0	0	6	A	127
## 1801	1.759520e+18	2020-08-17	0	0	5	C	0
## 1802	1.760415e+19	2020-08-11	0	0	6	D	40
## 1803	1.761692e+19	2020-08-13	0	0	11	C	0
## 1804	1.761742e+19	2020-08-10	0	0	1	A	0
## 1805	1.762288e+19	2020-08-10	0	0	1	A	19
## 1806	1.763064e+19	2020-08-20	0	0	14	C	0
## 1807	1.763451e+19	2020-08-19	0	0	1	A	8
## 1808	1.763611e+19	2020-08-16	0	0	1	A	49
## 1809	1.764015e+19	2020-08-17	0	0	2	C	0
## 1810	1.764591e+19	2020-08-20	0	0	1	A	0
## 1811	1.765670e+19	2020-08-13	0	0	2	G	52
## 1812	1.766378e+19	2020-08-10	0	0	16	A	141
## 1813	1.766624e+19	2020-08-13	0	0	13	A	0
## 1814	1.768223e+19	2020-08-16	0	0	30	C	81
## 1815	1.768657e+19	2020-08-20	0	0	26	B	62
## 1816	1.768921e+19	2020-08-11	0	0	12	A	16
## 1817	1.769024e+19	2020-08-10	0	0	1	A	17
## 1818	1.769896e+19	2020-08-10	0	0	3	A	18
## 1819	1.769932e+19	2020-08-12	0	0	4	B	0
## 1820	1.770017e+19	2020-08-20	0	0	1	A	7
## 1821	1.770187e+19	2020-08-11	0	0	4	F	0
## 1822	1.770314e+19	2020-08-11	0	0	5	A	0
## 1823	1.770802e+19	2020-08-20	0	0	6	C	0
## 1824	1.771724e+18	2020-08-20	0	0	2	A	0
## 1825	1.772106e+19	2020-08-17	0	0	1	A	29
## 1826	1.772221e+19	2020-08-16	0	0	28	F	35
## 1827	1.772664e+19	2020-08-13	0	0	1	A	0
## 1828	1.772875e+19	2020-08-18	0	0	7	A	37
## 1829	1.773625e+19	2020-08-11	0	0	3	A	109
## 1830	1.773884e+19	2020-08-13	0	0	2	A	0
## 1831	1.774887e+18	2020-08-15	0	0	3	A	105
## 1832	1.775795e+19	2020-08-19	0	0	12	A	51
## 1833	1.777010e+19	2020-08-16	0	0	3	E	0
## 1834	1.777518e+19	2020-08-15	0	0	5	A	0
## 1835	1.777750e+18	2020-08-13	0	0	35	A	0
## 1836	1.778964e+19	2020-08-18	0	0	1	G	223
## 1837	1.779287e+19	2020-08-17	0	0	7	A	29
## 1838	1.779969e+19	2020-08-16	0	0	13	A	0
## 1839	1.779986e+19	2020-08-17	0	0	2	A	0
## 1840	1.780107e+19	2020-08-12	0	0	3	G	53
## 1841	1.780213e+19	2020-08-17	0	0	3	A	0

## 1842	1.783061e+19	2020-08-15	0	0	4	A	14
## 1843	1.783219e+19	2020-08-13	1	2029	2	A	42
## 1844	1.783425e+19	2020-08-16	0	0	3	A	54
## 1845	1.785300e+19	2020-08-19	1	1929	14	A	27
## 1846	1.785371e+19	2020-08-15	0	0	3	A	12
## 1847	1.785830e+19	2020-08-17	0	0	53	A	0
## 1848	1.787131e+19	2020-08-10	0	0	15	A	136
## 1849	1.787639e+18	2020-08-18	0	0	7	A	71
## 1850	1.787639e+19	2020-08-16	0	0	17	F	0
## 1851	1.788311e+19	2020-08-12	0	0	1	<NA>	15
## 1852	1.788726e+19	2020-08-11	0	0	5	G	81
## 1853	1.789172e+19	2020-08-20	0	0	48	A	50
## 1854	1.789198e+19	2020-08-14	0	0	6	A	62
## 1855	1.789500e+19	2020-08-18	0	0	2	A	52
## 1856	1.790746e+19	2020-08-18	0	0	16	B	223
## 1857	1.791466e+19	2020-08-15	0	0	2	A	0
## 1858	1.791653e+19	2020-08-19	0	0	3	A	141
## 1859	1.791929e+19	2020-08-10	0	0	9	A	17
## 1860	1.792347e+19	2020-08-12	0	0	1	A	89
## 1861	1.793111e+19	2020-08-15	0	0	1	A	0
## 1862	1.793530e+18	2020-08-20	0	0	1	A	35
## 1863	1.793594e+19	2020-08-20	0	0	27	A	0
## 1864	1.794280e+19	2020-08-20	0	0	2	A	50
## 1865	1.794619e+19	2020-08-19	0	0	12	D	152
## 1866	1.794856e+18	2020-08-15	0	0	12	F	0
## 1867	1.795148e+18	2020-08-13	0	0	43	C	208
## 1868	1.795234e+19	2020-08-11	0	0	4	A	0
## 1869	1.795946e+19	2020-08-18	0	0	61	A	28
## 1870	1.796195e+18	2020-08-10	0	0	7	C	43
## 1871	1.796780e+18	2020-08-11	1	669	39	C	4
## 1872	1.797042e+18	2020-08-15	0	0	1	A	0
## 1873	1.797588e+19	2020-08-18	0	0	6	A	0
## 1874	1.797935e+19	2020-08-13	0	0	33	A	0
## 1875	1.798459e+19	2020-08-20	0	0	1	A	50
## 1876	1.799005e+19	2020-08-20	0	0	4	A	29
## 1877	1.799320e+19	2020-08-12	0	0	1	D	0
## 1878	1.799459e+19	2020-08-11	0	0	37	A	0
## 1879	1.799959e+19	2020-08-10	0	0	4	A	0
## 1880	1.801048e+18	2020-08-15	0	0	8	B	50
## 1881	1.801190e+19	2020-08-20	0	0	2	D	69
## 1882	1.802045e+19	2020-08-15	0	0	5	A	65
## 1883	1.802143e+18	2020-08-15	0	0	3	A	0
## 1884	1.802161e+19	2020-08-12	0	0	5	A	0
## 1885	1.804087e+19	2020-08-16	0	0	1	A	103
## 1886	1.804861e+19	2020-08-15	0	0	8	A	40
## 1887	1.805154e+19	2020-08-19	0	0	7	A	127
## 1888	1.805566e+19	2020-08-14	0	0	4	G	157
## 1889	1.805665e+19	2020-08-15	0	0	2	E	0
## 1890	1.805897e+18	2020-08-18	0	0	5	C	0
## 1891	1.806104e+19	2020-08-13	0	0	13	C	2
## 1892	1.806123e+19	2020-08-15	0	0	17	A	0
## 1893	1.806593e+19	2020-08-14	0	0	7	A	0
## 1894	1.808230e+19	2020-08-10	0	0	1	A	91
## 1895	1.808456e+19	2020-08-16	0	0	12	C	35

##	1896	1.809749e+17	2020-08-10	0	0	10	D	0
##	1897	1.809908e+19	2020-08-10	0	0	15	B	41
##	1898	1.810372e+19	2020-08-11	0	0	2	G	223
##	1899	1.810749e+19	2020-08-12	0	0	11	<NA>	3
##	1900	1.811348e+19	2020-08-20	0	0	4	A	0
##	1901	1.811353e+19	2020-08-13	0	0	7	A	0
##	1902	1.811509e+19	2020-08-12	0	0	11	B	39
##	1903	1.811612e+19	2020-08-17	0	0	4	A	38
##	1904	1.811748e+19	2020-08-20	0	0	2	A	0
##	1905	1.811791e+19	2020-08-11	0	0	7	A	18
##	1906	1.811831e+19	2020-08-14	0	0	5	A	0
##	1907	1.811892e+19	2020-08-12	0	0	1	D	0
##	1908	1.811941e+19	2020-08-19	0	0	8	B	0
##	1909	1.813584e+19	2020-08-12	0	0	19	A	0
##	1910	1.814758e+19	2020-08-18	0	0	22	A	52
##	1911	1.814847e+19	2020-08-17	0	0	2	A	38
##	1912	1.815054e+19	2020-08-16	0	0	1	A	12
##	1913	1.815606e+18	2020-08-14	0	0	3	A	65
##	1914	1.815662e+19	2020-08-15	0	0	2	A	0
##	1915	1.815950e+19	2020-08-11	0	0	11	A	0
##	1916	1.816713e+19	2020-08-17	0	0	22	A	29
##	1917	1.816940e+19	2020-08-17	0	0	20	B	34
##	1918	1.817720e+19	2020-08-12	0	0	3	A	134
##	1919	1.818185e+19	2020-08-17	0	0	2	A	72
##	1920	1.818824e+19	2020-08-17	0	0	15	A	0
##	1921	1.818867e+19	2020-08-14	0	0	3	A	41
##	1922	1.819199e+19	2020-08-13	0	0	1	A	42
##	1923	1.821195e+19	2020-08-20	0	0	28	B	62
##	1924	1.822136e+19	2020-08-15	0	0	2	B	56
##	1925	1.822226e+19	2020-08-19	0	0	1	A	0
##	1926	1.822729e+19	2020-08-11	0	0	1	A	16
##	1927	1.824518e+19	2020-08-14	0	0	4	E	0
##	1928	1.825016e+19	2020-08-12	0	0	9	B	0
##	1929	1.826257e+19	2020-08-10	0	0	75	A	91
##	1930	1.826680e+19	2020-08-18	0	0	1	D	82
##	1931	1.826895e+19	2020-08-12	0	0	12	D	39
##	1932	1.827078e+19	2020-08-13	0	0	2	D	65
##	1933	1.827252e+19	2020-08-12	0	0	1	A	43
##	1934	1.827468e+19	2020-08-12	0	0	1	A	91
##	1935	1.827991e+18	2020-08-16	0	0	7	C	49
##	1936	1.828869e+19	2020-08-11	0	0	2	D	65
##	1937	1.829435e+19	2020-08-12	0	0	7	C	59
##	1938	1.829669e+19	2020-08-15	0	0	1	A	12
##	1939	1.830127e+19	2020-08-11	0	0	25	G	54
##	1940	1.830270e+19	2020-08-14	0	0	9	A	0
##	1941	1.830276e+19	2020-08-16	0	0	2	A	33
##	1942	1.830281e+19	2020-08-14	0	0	5	A	14
##	1943	1.831398e+19	2020-08-13	0	0	12	A	0
##	1944	1.831851e+19	2020-08-17	0	0	2	A	0
##	1945	1.832349e+19	2020-08-10	0	0	2	A	91
##	1946	1.832397e+19	2020-08-10	0	0	8	A	110
##	1947	1.832918e+19	2020-08-17	0	0	10	A	0
##	1948	1.832946e+19	2020-08-15	0	0	5	A	0
##	1949	1.833229e+19	2020-08-13	0	0	1	B	141

##	1950	1.834199e+18	2020-08-15	0	0	4	A	62
##	1951	1.835426e+19	2020-08-19	0	0	11	C	70
##	1952	1.835750e+19	2020-08-19	0	0	5	C	70
##	1953	1.836754e+19	2020-08-17	1	1799	8	A	10
##	1954	1.836966e+19	2020-08-17	0	0	6	C	208
##	1955	1.836996e+18	2020-08-17	0	0	1	A	53
##	1956	1.837043e+19	2020-08-12	0	0	2	A	0
##	1957	1.837085e+19	2020-08-18	0	0	3	D	0
##	1958	1.837427e+19	2020-08-15	0	0	5	A	65
##	1959	1.837680e+19	2020-08-16	0	0	16	B	35
##	1960	1.838167e+19	2020-08-20	0	0	15	D	29
##	1961	1.838368e+19	2020-08-10	0	0	1	A	0
##	1962	1.839675e+19	2020-08-16	0	0	7	A	0
##	1963	1.840319e+19	2020-08-12	0	0	5	A	108
##	1964	1.840398e+19	2020-08-16	0	0	3	B	0
##	1965	1.840933e+19	2020-08-15	0	0	2	G	36
##	1966	1.841035e+19	2020-08-12	0	0	4	C	208
##	1967	1.841957e+19	2020-08-20	0	0	32	C	26
##	1968	1.842094e+19	2020-08-19	0	0	2	A	0
##	1969	1.842144e+19	2020-08-10	0	0	2	B	79
##	1970	1.843930e+19	2020-08-12	0	0	1	D	81
##	1971	1.844110e+19	2020-08-17	1	1339	12	G	72
##	1972	1.846093e+18	2020-08-17	0	0	54	A	0
##	1973	1.856906e+18	2020-08-13	0	0	10	A	16
##	1974	1.857100e+18	2020-08-11	0	0	5	B	40
##	1975	1.857462e+18	2020-08-11	0	0	5	B	208
##	1976	1.862611e+18	2020-08-10	0	0	13	D	100
##	1977	1.864081e+18	2020-08-12	0	0	1	A	0
##	1978	1.865410e+18	2020-08-15	0	0	2	A	0
##	1979	1.875881e+18	2020-08-20	0	0	3	A	26
##	1980	1.883947e+18	2020-08-10	0	0	2	A	0
##	1981	1.891443e+18	2020-08-16	0	0	10	A	0
##	1982	1.894905e+18	2020-08-16	0	0	1	A	0
##	1983	1.895888e+17	2020-08-11	0	0	3	A	0
##	1984	1.897011e+18	2020-08-18	0	0	36	A	0
##	1985	1.898465e+18	2020-08-14	0	0	1	A	132
##	1986	1.898746e+18	2020-08-13	0	0	1	A	0
##	1987	1.901681e+18	2020-08-14	0	0	1	F	15
##	1988	1.907724e+17	2020-08-16	0	0	6	A	54
##	1989	1.915457e+18	2020-08-16	0	0	3	C	0
##	1990	1.930714e+18	2020-08-18	0	0	7	D	65
##	1991	1.931236e+18	2020-08-13	0	0	24	A	0
##	1992	1.932755e+18	2020-08-13	0	0	3	B	208
##	1993	1.941531e+18	2020-08-20	0	0	2	B	69
##	1994	1.944990e+18	2020-08-17	0	0	48	F	34
##	1995	1.961767e+18	2020-08-12	0	0	2	A	91
##	1996	1.962205e+17	2020-08-20	0	0	10	D	0
##	1997	1.969823e+18	2020-08-11	0	0	2	C	0
##	1998	1.973436e+18	2020-08-16	0	0	23	C	35
##	1999	1.983784e+18	2020-08-14	0	0	8	A	0
##	2000	1.986991e+18	2020-08-11	0	0	8	C	0
##	2001	1.988789e+17	2020-08-19	0	0	1	A	0
##	2002	1.990561e+18	2020-08-14	0	0	4	A	41
##	2003	1.991598e+18	2020-08-18	1	989	48	A	0

##	2004	1.999106e+18	2020-08-18	0	0	2	D	0
##	2005	2.398917e+18	2020-08-13	0	0	7	B	38
##	2006	2.454450e+18	2020-08-14	0	0	3	A	0
##	2007	2.964428e+18	2020-08-16	0	0	22	A	39
##	2008	2.003800e+18	2020-08-18	0	0	14	C	33
##	2009	2.006410e+18	2020-08-18	0	0	2	A	0
##	2010	2.006415e+18	2020-08-16	0	0	1	A	33
##	2011	2.009111e+18	2020-08-19	0	0	4	A	27
##	2012	2.019067e+18	2020-08-20	0	0	5	B	69
##	2013	2.028069e+18	2020-08-14	0	0	3	A	62
##	2014	2.028259e+18	2020-08-17	0	0	4	A	0
##	2015	2.033801e+18	2020-08-20	0	0	4	C	31
##	2016	2.034863e+16	2020-08-17	0	0	3	C	72
##	2017	2.036459e+18	2020-08-12	0	0	1	A	15
##	2018	2.037812e+18	2020-08-20	0	0	1	A	50
##	2019	2.039611e+18	2020-08-11	1	599	34	B	40
##	2020	2.043822e+18	2020-08-13	0	0	7	D	81
##	2021	2.046883e+18	2020-08-18	0	0	31	A	0
##	2022	2.048152e+18	2020-08-12	0	0	2	A	0
##	2023	2.048351e+18	2020-08-12	0	0	81	A	0
##	2024	2.051039e+18	2020-08-16	0	0	11	B	35
##	2025	2.052889e+18	2020-08-17	0	0	5	A	0
##	2026	2.053234e+18	2020-08-15	1	859	1	A	0
##	2027	2.070095e+18	2020-08-12	0	0	10	B	0
##	2028	2.074640e+18	2020-08-15	0	0	10	A	0
##	2029	2.074781e+18	2020-08-20	0	0	8	F	0
##	2030	2.079815e+18	2020-08-19	0	0	21	C	60
##	2031	2.085788e+18	2020-08-13	0	0	3	A	16
##	2032	2.091476e+18	2020-08-20	0	0	2	G	69
##	2033	2.102400e+18	2020-08-19	0	0	1	A	0
##	2034	2.108923e+18	2020-08-19	0	0	13	A	0
##	2035	2.111130e+18	2020-08-17	0	0	3	A	38
##	2036	2.114245e+18	2020-08-19	0	0	1	D	0
##	2037	2.122742e+18	2020-08-10	0	0	74	C	208
##	2038	2.123806e+18	2020-08-19	0	0	14	F	100
##	2039	2.126630e+18	2020-08-19	0	0	3	<NA>	81
##	2040	2.132416e+18	2020-08-10	0	0	16	A	0
##	2041	2.134316e+18	2020-08-20	0	0	10	A	0
##	2042	2.138232e+18	2020-08-10	0	0	8	E	0
##	2043	2.140862e+18	2020-08-10	0	0	45	B	5
##	2044	2.143504e+18	2020-08-14	0	0	1	A	14
##	2045	2.143913e+18	2020-08-19	0	0	6	A	0
##	2046	2.146142e+18	2020-08-14	0	0	12	B	0
##	2047	2.150489e+18	2020-08-14	0	0	6	C	0
##	2048	2.156482e+18	2020-08-20	0	0	12	B	69
##	2049	2.157128e+18	2020-08-12	0	0	7	B	0
##	2050	2.166374e+18	2020-08-12	0	0	1	A	0
##	2051	2.170140e+18	2020-08-20	0	0	8	C	65
##	2052	2.173444e+18	2020-08-18	0	0	1	A	0
##	2053	2.173940e+18	2020-08-19	0	0	1	A	27
##	2054	2.174828e+18	2020-08-15	0	0	15	A	0
##	2055	2.178358e+18	2020-08-17	0	0	3	D	0
##	2056	2.184180e+18	2020-08-12	0	0	4	A	17
##	2057	2.187520e+17	2020-08-17	0	0	21	A	0

##	2058	2.189397e+18	2020-08-15	0	0	41	F	36
##	2059	2.193749e+18	2020-08-19	0	0	2	A	8
##	2060	2.193932e+18	2020-08-10	0	0	1	A	19
##	2061	2.200675e+18	2020-08-16	0	0	2	A	12
##	2062	2.201212e+18	2020-08-18	0	0	7	C	81
##	2063	2.208535e+18	2020-08-15	0	0	1	A	12
##	2064	2.209015e+18	2020-08-12	0	0	3	B	0
##	2065	2.212596e+18	2020-08-18	0	0	1	F	101
##	2066	2.216293e+18	2020-08-18	0	0	2	A	9
##	2067	2.222579e+18	2020-08-20	0	0	29	C	0
##	2068	2.223101e+18	2020-08-12	0	0	11	B	39
##	2069	2.224946e+18	2020-08-14	0	0	3	A	41
##	2070	2.233269e+18	2020-08-19	0	0	6	C	0
##	2071	2.238339e+18	2020-08-15	0	0	5	A	12
##	2072	2.241557e+18	2020-08-11	0	0	2	A	0
##	2073	2.249247e+18	2020-08-17	0	0	11	A	53
##	2074	2.253144e+18	2020-08-12	0	0	4	D	111
##	2075	2.255237e+18	2020-08-16	0	0	10	F	80
##	2076	2.256794e+18	2020-08-16	0	0	4	C	81
##	2077	2.262609e+18	2020-08-15	0	0	2	A	12
##	2078	2.267692e+18	2020-08-12	0	0	14	C	15
##	2079	2.275923e+18	2020-08-20	0	0	18	B	0
##	2080	2.279159e+18	2020-08-19	0	0	1	D	0
##	2081	2.289412e+18	2020-08-16	0	0	2	A	54
##	2082	2.291426e+18	2020-08-17	0	0	4	C	81
##	2083	2.298960e+18	2020-08-10	1	699	18	C	41
##	2084	2.304813e+18	2020-08-14	0	0	3	A	66
##	2085	2.305310e+18	2020-08-10	0	0	1	B	41
##	2086	2.305377e+18	2020-08-10	0	0	1	F	0
##	2087	2.306716e+18	2020-08-15	0	0	10	<NA>	0
##	2088	2.308830e+18	2020-08-20	0	0	14	<NA>	0
##	2089	2.313473e+17	2020-08-17	0	0	2	G	48
##	2090	2.321298e+18	2020-08-10	0	0	51	A	0
##	2091	2.327592e+18	2020-08-18	0	0	2	A	0
##	2092	2.330795e+18	2020-08-12	0	0	1	A	89
##	2093	2.331347e+18	2020-08-11	0	0	4	B	40
##	2094	2.332570e+18	2020-08-14	0	0	6	A	141
##	2095	2.337590e+18	2020-08-16	0	0	6	A	141
##	2096	2.345731e+18	2020-08-15	0	0	5	G	50
##	2097	2.349286e+18	2020-08-18	0	0	3	A	0
##	2098	2.358025e+18	2020-08-11	0	0	46	<NA>	98
##	2099	2.359477e+18	2020-08-11	0	0	3	A	44
##	2100	2.365000e+17	2020-08-14	0	0	10	A	0
##	2101	2.367699e+17	2020-08-11	0	0	1	G	65
##	2102	2.369959e+18	2020-08-17	0	0	1	A	10
##	2103	2.374716e+18	2020-08-13	0	0	1	G	52
##	2104	2.376416e+18	2020-08-16	0	0	1	A	54
##	2105	2.377849e+18	2020-08-11	0	0	29	C	81
##	2106	2.380145e+18	2020-08-16	0	0	2	A	0
##	2107	2.382309e+18	2020-08-17	0	0	2	A	0
##	2108	2.386710e+17	2020-08-15	0	0	5	D	94
##	2109	2.388523e+18	2020-08-10	0	0	2	G	5
##	2110	2.389623e+18	2020-08-11	0	0	9	D	160
##	2111	2.394638e+18	2020-08-17	0	0	4	D	0

##	2112	2.395953e+17	2020-08-15	0	0	4	D	36
##	2113	2.403015e+18	2020-08-18	0	0	8	C	0
##	2114	2.406545e+18	2020-08-14	0	0	4	E	0
##	2115	2.409532e+18	2020-08-14	0	0	1	D	51
##	2116	2.417870e+18	2020-08-15	0	0	2	A	0
##	2117	2.421006e+18	2020-08-12	0	0	1	A	43
##	2118	2.421307e+18	2020-08-20	0	0	5	A	50
##	2119	2.427364e+18	2020-08-16	0	0	1	A	0
##	2120	2.431152e+18	2020-08-10	0	0	1	A	0
##	2121	2.433443e+18	2020-08-17	1	619	4	A	0
##	2122	2.437716e+18	2020-08-20	0	0	3	A	35
##	2123	2.438243e+18	2020-08-17	0	0	2	B	0
##	2124	2.439720e+18	2020-08-12	0	0	10	B	59
##	2125	2.439805e+18	2020-08-14	0	0	7	A	0
##	2126	2.446384e+18	2020-08-13	0	0	7	A	0
##	2127	2.452047e+17	2020-08-17	0	0	1	A	53
##	2128	2.453173e+18	2020-08-13	0	0	12	B	58
##	2129	2.455885e+18	2020-08-17	0	0	1	A	38
##	2130	2.470188e+18	2020-08-15	0	0	2	G	50
##	2131	2.470674e+18	2020-08-18	0	0	6	A	128
##	2132	2.472256e+18	2020-08-13	0	0	2	D	58
##	2133	2.480578e+18	2020-08-16	0	0	4	A	0
##	2134	2.486375e+18	2020-08-17	0	0	17	A	0
##	2135	2.487006e+18	2020-08-12	0	0	3	E	0
##	2136	2.488968e+18	2020-08-13	0	0	1	A	62
##	2137	2.490375e+18	2020-08-20	0	0	2	A	0
##	2138	2.495180e+18	2020-08-15	0	0	8	G	85
##	2139	2.499385e+18	2020-08-16	0	0	1	B	0
##	2140	2.499744e+18	2020-08-14	0	0	43	A	0
##	2141	2.514533e+18	2020-08-13	0	0	1	A	0
##	2142	2.517482e+18	2020-08-10	0	0	37	A	17
##	2143	2.518413e+18	2020-08-10	0	0	4	G	55
##	2144	2.520884e+18	2020-08-19	0	0	15	B	32
##	2145	2.524384e+18	2020-08-15	0	0	5	D	0
##	2146	2.545327e+18	2020-08-11	0	0	4	D	40
##	2147	2.548366e+18	2020-08-12	0	0	3	A	0
##	2148	2.550596e+18	2020-08-16	0	0	15	A	0
##	2149	2.551359e+17	2020-08-12	0	0	8	A	43
##	2150	2.556528e+18	2020-08-19	0	0	2	A	0
##	2151	2.562349e+18	2020-08-20	0	0	1	A	0
##	2152	2.562960e+18	2020-08-15	0	0	1	D	0
##	2153	2.564537e+18	2020-08-10	0	0	1	A	17
##	2154	2.565215e+18	2020-08-10	0	0	1	A	45
##	2155	2.566170e+18	2020-08-17	0	0	17	D	0
##	2156	2.575791e+18	2020-08-11	0	0	11	C	40
##	2157	2.576736e+18	2020-08-13	0	0	2	A	0
##	2158	2.580411e+18	2020-08-14	0	0	9	A	13
##	2159	2.583567e+18	2020-08-12	0	0	9	C	62
##	2160	2.602529e+18	2020-08-12	0	0	1	A	89
##	2161	2.604693e+18	2020-08-15	0	0	16	C	0
##	2162	2.608836e+18	2020-08-10	0	0	4	A	141
##	2163	2.621333e+18	2020-08-20	0	0	3	B	0
##	2164	2.623898e+17	2020-08-12	0	0	49	B	53
##	2165	2.627462e+18	2020-08-17	0	0	3	<NA>	81

##	2166	2.629588e+18	2020-08-20	0	0	2	A	35
##	2167	2.631509e+18	2020-08-19	0	0	2	B	0
##	2168	2.638231e+18	2020-08-12	0	0	4	G	53
##	2169	2.640095e+18	2020-08-17	0	0	32	A	53
##	2170	2.644891e+18	2020-08-17	0	0	2	A	11
##	2171	2.647693e+18	2020-08-16	0	0	1	A	0
##	2172	2.652366e+18	2020-08-15	0	0	42	C	0
##	2173	2.654699e+18	2020-08-16	0	0	5	A	12
##	2174	2.657552e+18	2020-08-14	0	0	13	A	65
##	2175	2.661521e+18	2020-08-10	0	0	5	B	0
##	2176	2.670502e+18	2020-08-10	0	0	33	F	41
##	2177	2.671764e+18	2020-08-13	0	0	19	B	0
##	2178	2.672345e+18	2020-08-18	1	799	23	B	33
##	2179	2.676948e+18	2020-08-10	0	0	15	C	19
##	2180	2.678913e+18	2020-08-15	0	0	12	B	0
##	2181	2.680526e+17	2020-08-19	0	0	1	A	51
##	2182	2.683292e+18	2020-08-17	0	0	7	A	32
##	2183	2.696040e+18	2020-08-11	0	0	4	D	40
##	2184	2.697182e+18	2020-08-20	0	0	1	A	50
##	2185	2.697905e+18	2020-08-16	0	0	39	C	0
##	2186	2.698485e+17	2020-08-16	0	0	4	A	11
##	2187	2.704276e+18	2020-08-13	0	0	35	B	38
##	2188	2.705655e+18	2020-08-14	0	0	2	A	57
##	2189	2.706789e+18	2020-08-19	0	0	8	F	30
##	2190	2.709288e+18	2020-08-13	0	0	2	A	14
##	2191	2.715670e+18	2020-08-19	1	299	10	A	0
##	2192	2.720867e+18	2020-08-12	0	0	5	C	39
##	2193	2.722081e+18	2020-08-15	0	0	24	D	36
##	2194	2.726315e+18	2020-08-17	0	0	5	C	72
##	2195	2.728851e+18	2020-08-20	0	0	7	A	0
##	2196	2.732134e+18	2020-08-19	0	0	2	B	32
##	2197	2.734122e+18	2020-08-18	0	0	3	A	128
##	2198	2.736786e+18	2020-08-18	0	0	91	A	0
##	2199	2.743798e+18	2020-08-19	0	0	2	A	36
##	2200	2.746354e+18	2020-08-17	0	0	1	A	32
##	2201	2.760650e+18	2020-08-18	1	249	8	D	71
##	2202	2.760667e+18	2020-08-13	0	0	1	A	15
##	2203	2.764093e+18	2020-08-10	0	0	1	A	0
##	2204	2.764527e+18	2020-08-11	0	0	1	E	135
##	2205	2.764546e+18	2020-08-19	0	0	31	A	8
##	2206	2.770336e+17	2020-08-11	1	1194	16	D	99
##	2207	2.784667e+17	2020-08-10	0	0	5	A	0
##	2208	2.791574e+18	2020-08-14	0	0	3	C	13
##	2209	2.792204e+17	2020-08-16	0	0	3	A	54
##	2210	2.792302e+18	2020-08-13	0	0	4	A	0
##	2211	2.792964e+18	2020-08-20	0	0	7	A	0
##	2212	2.797125e+18	2020-08-15	0	0	9	D	0
##	2213	2.798831e+18	2020-08-15	0	0	4	A	0
##	2214	2.803742e+18	2020-08-15	0	0	17	B	0
##	2215	2.806503e+18	2020-08-18	0	0	1	B	81
##	2216	2.807356e+18	2020-08-10	0	0	20	A	17
##	2217	2.810712e+18	2020-08-12	0	0	4	A	15
##	2218	2.823819e+18	2020-08-13	0	0	3	G	158
##	2219	2.827017e+18	2020-08-14	0	0	5	B	51

##	2220	2.827186e+18	2020-08-12	0	0	4	A	0
##	2221	2.831684e+18	2020-08-12	0	0	21	C	0
##	2222	2.835813e+18	2020-08-10	0	0	1	A	17
##	2223	2.836247e+18	2020-08-19	0	0	3	D	9
##	2224	2.843763e+18	2020-08-14	0	0	3	B	37
##	2225	2.855130e+18	2020-08-13	0	0	2	B	0
##	2226	2.857284e+18	2020-08-16	0	0	17	A	0
##	2227	2.866556e+18	2020-08-18	0	0	1	A	37
##	2228	2.871475e+16	2020-08-15	0	0	1	A	56
##	2229	2.871780e+18	2020-08-18	0	0	1	A	0
##	2230	2.877201e+18	2020-08-10	0	0	16	A	0
##	2231	2.885123e+18	2020-08-17	0	0	5	A	32
##	2232	2.885416e+18	2020-08-14	0	0	1	A	62
##	2233	2.894036e+17	2020-08-11	0	0	4	G	160
##	2234	2.898384e+18	2020-08-11	0	0	16	A	44
##	2235	2.901660e+18	2020-08-15	0	0	7	A	13
##	2236	2.901758e+18	2020-08-20	0	0	21	G	45
##	2237	2.902481e+18	2020-08-14	0	0	1	A	106
##	2238	2.905715e+18	2020-08-16	0	0	24	A	0
##	2239	2.920627e+18	2020-08-20	0	0	10	A	50
##	2240	2.923279e+18	2020-08-12	0	0	7	A	68
##	2241	2.926980e+18	2020-08-14	0	0	10	C	37
##	2242	2.931740e+18	2020-08-12	0	0	46	C	208
##	2243	2.932467e+18	2020-08-13	0	0	1	A	15
##	2244	2.934784e+17	2020-08-19	0	0	9	G	152
##	2245	2.935750e+18	2020-08-14	0	0	5	A	0
##	2246	2.940008e+18	2020-08-12	0	0	9	C	59
##	2247	2.940411e+18	2020-08-15	0	0	24	C	56
##	2248	2.941314e+18	2020-08-19	0	0	26	B	0
##	2249	2.943406e+18	2020-08-10	0	0	27	C	0
##	2250	2.952255e+18	2020-08-16	0	0	3	B	208
##	2251	2.954995e+18	2020-08-15	0	0	64	A	65
##	2252	2.977930e+18	2020-08-16	0	0	4	A	0
##	2253	2.982460e+18	2020-08-19	0	0	2	B	0
##	2254	2.987502e+18	2020-08-15	0	0	23	A	40
##	2255	2.991404e+18	2020-08-18	0	0	13	D	33
##	2256	2.993515e+18	2020-08-18	0	0	4	A	141
##	2257	2.996316e+18	2020-08-14	0	0	2	A	65
##	2258	2.997991e+18	2020-08-17	0	0	1	A	0
##	2259	2.999000e+18	2020-08-19	0	0	6	D	0
##	2260	3.157150e+18	2020-08-13	0	0	1	A	42
##	2261	3.772441e+18	2020-08-14	0	0	23	B	0
##	2262	3.797895e+18	2020-08-13	0	0	1	G	38
##	2263	3.891453e+18	2020-08-10	0	0	1	A	17
##	2264	3.009622e+18	2020-08-20	0	0	1	A	0
##	2265	3.011294e+18	2020-08-16	0	0	5	D	0
##	2266	3.018608e+18	2020-08-16	0	0	2	D	0
##	2267	3.020398e+18	2020-08-19	0	0	32	B	223
##	2268	3.021192e+18	2020-08-12	0	0	4	A	0
##	2269	3.026882e+18	2020-08-10	0	0	4	A	0
##	2270	3.035495e+18	2020-08-13	0	0	7	C	58
##	2271	3.037722e+18	2020-08-17	0	0	14	F	0
##	2272	3.042757e+18	2020-08-12	0	0	22	A	43
##	2273	3.064298e+18	2020-08-14	0	0	1	E	94

##	2274	3.071135e+18	2020-08-18	1	899	35	F	33
##	2275	3.073777e+18	2020-08-16	0	0	12	F	0
##	2276	3.074636e+18	2020-08-15	0	0	34	G	50
##	2277	3.077942e+18	2020-08-19	0	0	1	A	0
##	2278	3.079318e+18	2020-08-18	0	0	3	C	0
##	2279	3.088165e+18	2020-08-12	0	0	24	A	0
##	2280	3.088612e+18	2020-08-18	0	0	17	D	153
##	2281	3.099510e+18	2020-08-18	0	0	3	B	0
##	2282	3.105181e+18	2020-08-11	0	0	45	F	54
##	2283	3.107862e+18	2020-08-19	0	0	4	D	81
##	2284	3.108020e+18	2020-08-19	0	0	2	A	0
##	2285	3.108615e+18	2020-08-13	0	0	62	A	0
##	2286	3.116520e+18	2020-08-15	0	0	3	A	65
##	2287	3.120087e+18	2020-08-12	0	0	13	A	0
##	2288	3.121847e+18	2020-08-10	0	0	18	C	0
##	2289	3.123824e+18	2020-08-14	0	0	7	C	81
##	2290	3.124368e+18	2020-08-15	0	0	2	A	62
##	2291	3.125327e+18	2020-08-16	0	0	7	D	0
##	2292	3.133350e+18	2020-08-15	1	1299	24	A	40
##	2293	3.136607e+18	2020-08-15	0	0	34	B	81
##	2294	3.138848e+18	2020-08-17	0	0	27	A	53
##	2295	3.141905e+18	2020-08-17	0	0	7	B	0
##	2296	3.143793e+18	2020-08-11	0	0	14	C	40
##	2297	3.150483e+18	2020-08-14	0	0	15	A	41
##	2298	3.154907e+18	2020-08-11	0	0	40	F	40
##	2299	3.155967e+18	2020-08-14	0	0	24	A	13
##	2300	3.157914e+18	2020-08-13	0	0	2	A	14
##	2301	3.159101e+18	2020-08-12	0	0	4	A	0
##	2302	3.160363e+18	2020-08-12	0	0	48	A	0
##	2303	3.171578e+18	2020-08-18	0	0	1	A	102
##	2304	3.172897e+18	2020-08-12	0	0	1	A	43
##	2305	3.174376e+18	2020-08-10	0	0	6	G	0
##	2306	3.177186e+18	2020-08-10	0	0	1	A	45
##	2307	3.177645e+18	2020-08-18	0	0	5	D	47
##	2308	3.187148e+18	2020-08-18	0	0	7	C	81
##	2309	3.190287e+18	2020-08-19	0	0	7	<NA>	0
##	2310	3.195006e+18	2020-08-12	0	0	2	D	88
##	2311	3.197155e+18	2020-08-12	0	0	5	A	43
##	2312	3.206341e+18	2020-08-13	0	0	1	A	0
##	2313	3.207912e+18	2020-08-13	0	0	18	A	14
##	2314	3.208468e+18	2020-08-16	0	0	14	C	0
##	2315	3.210261e+18	2020-08-20	0	0	1	A	0
##	2316	3.210591e+18	2020-08-11	0	0	39	C	0
##	2317	3.212277e+18	2020-08-12	0	0	10	A	141
##	2318	3.213653e+18	2020-08-14	0	0	3	A	13
##	2319	3.216996e+18	2020-08-15	0	0	5	A	0
##	2320	3.217604e+18	2020-08-17	0	0	1	D	0
##	2321	3.218510e+18	2020-08-13	0	0	11	A	65
##	2322	3.223764e+18	2020-08-12	0	0	1	A	0
##	2323	3.228262e+18	2020-08-18	0	0	4	A	0
##	2324	3.247184e+18	2020-08-17	0	0	22	C	32
##	2325	3.256308e+18	2020-08-20	0	0	2	A	26
##	2326	3.271548e+18	2020-08-10	0	0	7	A	0
##	2327	3.273219e+18	2020-08-13	0	0	27	F	38

##	2328	3.277932e+18	2020-08-14	0	0	2	A	41
##	2329	3.278083e+18	2020-08-12	0	0	11	A	0
##	2330	3.290432e+18	2020-08-20	0	0	1	E	8
##	2331	3.291321e+18	2020-08-18	0	0	13	B	71
##	2332	3.293897e+18	2020-08-10	0	0	6	G	161
##	2333	3.295559e+18	2020-08-20	0	0	6	D	0
##	2334	3.303076e+18	2020-08-19	0	0	30	B	0
##	2335	3.304435e+18	2020-08-19	0	0	3	E	0
##	2336	3.306940e+18	2020-08-12	0	0	1	A	15
##	2337	3.309214e+18	2020-08-11	0	0	1	A	44
##	2338	3.309726e+18	2020-08-17	0	0	43	A	0
##	2339	3.310564e+18	2020-08-16	0	0	3	A	54
##	2340	3.317035e+18	2020-08-15	0	0	4	A	105
##	2341	3.317228e+18	2020-08-18	0	0	1	A	9
##	2342	3.321655e+18	2020-08-19	0	0	3	A	62
##	2343	3.327308e+17	2020-08-12	0	0	6	A	91
##	2344	3.332171e+18	2020-08-11	0	0	16	A	0
##	2345	3.332506e+18	2020-08-13	0	0	3	A	0
##	2346	3.340934e+18	2020-08-19	0	0	1	A	0
##	2347	3.341477e+17	2020-08-19	0	0	10	G	104
##	2348	3.354736e+18	2020-08-18	0	0	12	C	31
##	2349	3.357626e+18	2020-08-14	0	0	23	<NA>	0
##	2350	3.360072e+18	2020-08-17	0	0	4	A	0
##	2351	3.362556e+17	2020-08-10	0	0	12	C	0
##	2352	3.372650e+18	2020-08-18	0	0	18	G	47
##	2353	3.374611e+18	2020-08-11	0	0	1	A	0
##	2354	3.376515e+18	2020-08-16	0	0	2	D	49
##	2355	3.376543e+18	2020-08-11	0	0	1	A	18
##	2356	3.380164e+17	2020-08-16	0	0	8	A	0
##	2357	3.381232e+18	2020-08-16	0	0	2	B	141
##	2358	3.382698e+18	2020-08-12	0	0	7	A	0
##	2359	3.384723e+18	2020-08-10	0	0	3	B	0
##	2360	3.384741e+18	2020-08-13	0	0	22	A	15
##	2361	3.396928e+18	2020-08-19	0	0	8	G	208
##	2362	3.400383e+18	2020-08-15	0	0	3	A	0
##	2363	3.404584e+18	2020-08-19	0	0	22	A	51
##	2364	3.405703e+18	2020-08-14	0	0	1	D	0
##	2365	3.413218e+18	2020-08-14	0	0	3	A	0
##	2366	3.421223e+18	2020-08-10	0	0	28	C	81
##	2367	3.424240e+18	2020-08-15	0	0	1	A	0
##	2368	3.425245e+17	2020-08-13	0	0	1	A	14
##	2369	3.428534e+18	2020-08-17	0	0	2	A	11
##	2370	3.428667e+17	2020-08-18	0	0	3	A	52
##	2371	3.431769e+18	2020-08-16	0	0	1	A	30
##	2372	3.432921e+18	2020-08-16	0	0	6	G	49
##	2373	3.432957e+18	2020-08-10	2	1156	22	C	55
##	2374	3.434656e+18	2020-08-14	0	0	23	B	51
##	2375	3.438560e+18	2020-08-20	0	0	1	A	7
##	2376	3.444321e+18	2020-08-15	0	0	10	B	208
##	2377	3.446550e+18	2020-08-20	0	0	6	A	0
##	2378	3.454950e+18	2020-08-20	0	0	10	A	0
##	2379	3.455453e+18	2020-08-17	0	0	44	A	0
##	2380	3.462424e+18	2020-08-16	0	0	1	A	0
##	2381	3.477497e+18	2020-08-10	1	799	38	B	55

##	2382	3.479790e+18	2020-08-19	0	0	14	<NA>	0
##	2383	3.480441e+18	2020-08-13	0	0	34	A	14
##	2384	3.484277e+18	2020-08-20	0	0	34	A	7
##	2385	3.487388e+18	2020-08-20	0	0	8	A	26
##	2386	3.490179e+18	2020-08-19	0	0	6	C	8
##	2387	3.496645e+18	2020-08-12	0	0	7	F	15
##	2388	3.497693e+18	2020-08-12	0	0	1	A	91
##	2389	3.497785e+18	2020-08-11	0	0	10	<NA>	0
##	2390	3.497923e+17	2020-08-12	0	0	3	A	108
##	2391	3.498796e+18	2020-08-16	0	0	11	C	55
##	2392	3.499627e+18	2020-08-11	0	0	4	F	0
##	2393	3.525565e+18	2020-08-18	0	0	41	A	0
##	2394	3.529897e+18	2020-08-13	0	0	17	B	0
##	2395	3.530508e+18	2020-08-12	0	0	72	A	15
##	2396	3.538153e+18	2020-08-16	0	0	2	A	30
##	2397	3.550514e+18	2020-08-20	0	0	9	A	0
##	2398	3.551386e+18	2020-08-16	0	0	6	B	0
##	2399	3.563055e+18	2020-08-19	0	0	6	C	81
##	2400	3.567123e+18	2020-08-15	0	0	7	A	40
##	2401	3.586604e+18	2020-08-20	0	0	14	A	8
##	2402	3.588249e+18	2020-08-19	0	0	1	F	27
##	2403	3.590368e+18	2020-08-14	0	0	2	G	223
##	2404	3.597232e+18	2020-08-17	0	0	14	F	0
##	2405	3.599097e+18	2020-08-20	0	0	2	A	50
##	2406	3.601742e+18	2020-08-18	0	0	6	A	0
##	2407	3.602596e+18	2020-08-13	0	0	2	A	0
##	2408	3.611084e+17	2020-08-15	0	0	1	A	12
##	2409	3.615096e+18	2020-08-16	0	0	2	A	0
##	2410	3.629490e+18	2020-08-17	0	0	3	A	0
##	2411	3.636156e+18	2020-08-20	0	0	3	A	0
##	2412	3.648757e+18	2020-08-11	0	0	1	A	0
##	2413	3.653224e+18	2020-08-15	0	0	2	E	131
##	2414	3.654346e+18	2020-08-18	0	0	1	D	0
##	2415	3.655441e+18	2020-08-14	0	0	5	C	51
##	2416	3.658230e+18	2020-08-11	0	0	52	A	0
##	2417	3.659598e+18	2020-08-16	0	0	3	A	0
##	2418	3.661831e+18	2020-08-12	0	0	12	C	59
##	2419	3.661856e+18	2020-08-20	0	0	1	A	0
##	2420	3.665741e+18	2020-08-15	0	0	5	A	0
##	2421	3.668579e+17	2020-08-10	0	0	7	B	0
##	2422	3.674200e+18	2020-08-19	0	0	8	A	36
##	2423	3.674670e+18	2020-08-10	0	0	9	G	208
##	2424	3.674900e+18	2020-08-17	0	0	2	A	0
##	2425	3.677262e+18	2020-08-20	0	0	21	C	159
##	2426	3.678041e+18	2020-08-16	0	0	4	D	33
##	2427	3.688379e+18	2020-08-20	0	0	1	C	208
##	2428	3.693599e+18	2020-08-10	0	0	18	D	0
##	2429	3.696101e+18	2020-08-10	0	0	1	A	0
##	2430	3.699044e+18	2020-08-18	0	0	2	B	0
##	2431	3.703319e+18	2020-08-14	0	0	3	C	0
##	2432	3.714572e+17	2020-08-14	0	0	1	A	0
##	2433	3.719298e+18	2020-08-16	0	0	46	B	35
##	2434	3.722484e+18	2020-08-14	0	0	16	C	81
##	2435	3.726749e+18	2020-08-17	0	0	1	A	141

##	2436	3.727004e+18	2020-08-19	0	0	2	A	0
##	2437	3.733303e+18	2020-08-12	0	0	3	A	108
##	2438	3.737805e+18	2020-08-16	0	0	5	A	0
##	2439	3.737843e+18	2020-08-10	0	0	1	A	0
##	2440	3.739956e+18	2020-08-16	0	0	6	A	0
##	2441	3.742098e+18	2020-08-14	0	0	19	F	82
##	2442	3.742764e+18	2020-08-11	0	0	1	A	16
##	2443	3.744093e+18	2020-08-14	0	0	19	C	0
##	2444	3.747780e+18	2020-08-15	0	0	11	A	62
##	2445	3.747974e+18	2020-08-18	0	0	27	B	33
##	2446	3.753188e+18	2020-08-10	0	0	8	A	0
##	2447	3.753702e+18	2020-08-19	0	0	22	C	0
##	2448	3.760758e+18	2020-08-14	1	1259	2	A	13
##	2449	3.762724e+18	2020-08-10	0	0	24	B	0
##	2450	3.763318e+18	2020-08-18	0	0	12	A	128
##	2451	3.769596e+18	2020-08-17	0	0	8	G	106
##	2452	3.786028e+18	2020-08-11	0	0	7	A	0
##	2453	3.786689e+18	2020-08-17	0	0	6	A	53
##	2454	3.791032e+18	2020-08-17	0	0	4	A	38
##	2455	3.795057e+18	2020-08-17	0	0	15	A	0
##	2456	3.795640e+18	2020-08-16	0	0	4	A	11
##	2457	3.800502e+18	2020-08-20	0	0	16	F	0
##	2458	3.801113e+18	2020-08-17	0	0	5	D	65
##	2459	3.804745e+17	2020-08-16	0	0	4	A	0
##	2460	3.805482e+18	2020-08-10	0	0	18	B	0
##	2461	3.808631e+18	2020-08-15	0	0	5	A	62
##	2462	3.812425e+17	2020-08-15	0	0	57	C	208
##	2463	3.814612e+18	2020-08-20	0	0	42	B	0
##	2464	3.818596e+18	2020-08-16	0	0	9	A	0
##	2465	3.820399e+18	2020-08-20	0	0	2	A	7
##	2466	3.826353e+18	2020-08-18	0	0	19	F	0
##	2467	3.828783e+18	2020-08-11	0	0	1	D	84
##	2468	3.841594e+18	2020-08-11	0	0	6	A	0
##	2469	3.842593e+18	2020-08-20	0	0	7	F	99
##	2470	3.843521e+18	2020-08-12	0	0	15	A	0
##	2471	3.858021e+18	2020-08-20	0	0	4	D	69
##	2472	3.868655e+18	2020-08-11	0	0	5	D	0
##	2473	3.870333e+18	2020-08-20	0	0	22	A	0
##	2474	3.874627e+18	2020-08-20	0	0	5	C	0
##	2475	3.880921e+18	2020-08-18	0	0	1	A	37
##	2476	3.883519e+18	2020-08-12	0	0	2	E	0
##	2477	3.894336e+17	2020-08-17	0	0	14	A	0
##	2478	3.899195e+18	2020-08-15	0	0	2	B	36
##	2479	3.899773e+18	2020-08-11	0	0	8	A	65
##	2480	3.903061e+18	2020-08-16	0	0	5	G	107
##	2481	3.908184e+18	2020-08-14	0	0	1	A	41
##	2482	3.912191e+18	2020-08-15	0	0	2	B	0
##	2483	3.915746e+17	2020-08-18	0	0	7	A	62
##	2484	3.917188e+17	2020-08-11	0	0	20	C	0
##	2485	3.919757e+18	2020-08-15	0	0	1	A	40
##	2486	3.924927e+18	2020-08-15	0	0	11	A	0
##	2487	3.932072e+18	2020-08-17	0	0	11	B	0
##	2488	3.933851e+18	2020-08-13	0	0	8	A	107
##	2489	3.935560e+18	2020-08-12	0	0	3	A	15

##	2490	3.945821e+15	2020-08-15	0	0	20	F	104
##	2491	3.951218e+18	2020-08-11	0	0	47	B	198
##	2492	3.951649e+18	2020-08-15	0	0	3	A	0
##	2493	3.953232e+18	2020-08-11	0	0	13	A	135
##	2494	3.968233e+18	2020-08-17	0	0	4	A	32
##	2495	3.992019e+18	2020-08-10	0	0	5	A	65
##	2496	3.994316e+17	2020-08-11	0	0	39	A	0
##	2497	4.588421e+18	2020-08-18	0	0	19	B	47
##	2498	4.838475e+18	2020-08-15	1	1149	26	A	0
##	2499	4.002902e+17	2020-08-10	0	0	2	C	0
##	2500	4.007008e+17	2020-08-15	0	0	10	D	65
##	2501	4.013538e+18	2020-08-10	0	0	6	B	41
##	2502	4.016581e+17	2020-08-16	0	0	5	A	104
##	2503	4.024590e+18	2020-08-20	0	0	5	G	31
##	2504	4.025519e+17	2020-08-13	0	0	2	A	14
##	2505	4.037696e+18	2020-08-20	1	229	15	A	126
##	2506	4.038260e+18	2020-08-12	0	0	2	A	16
##	2507	4.049386e+18	2020-08-13	0	0	2	C	208
##	2508	4.049928e+18	2020-08-15	0	0	6	A	62
##	2509	4.053229e+18	2020-08-13	0	0	2	A	0
##	2510	4.056268e+18	2020-08-16	0	0	34	C	0
##	2511	4.061408e+18	2020-08-14	0	0	3	D	0
##	2512	4.063464e+17	2020-08-16	0	0	1	A	0
##	2513	4.063632e+18	2020-08-19	0	0	4	A	0
##	2514	4.066245e+18	2020-08-10	0	0	11	A	0
##	2515	4.075919e+18	2020-08-16	0	0	5	E	12
##	2516	4.078200e+18	2020-08-14	0	0	3	G	37
##	2517	4.082583e+18	2020-08-16	0	0	1	<NA>	81
##	2518	4.084649e+18	2020-08-20	0	0	11	A	35
##	2519	4.087464e+18	2020-08-16	0	0	9	A	0
##	2520	4.096606e+17	2020-08-15	0	0	27	A	40
##	2521	4.096789e+18	2020-08-19	0	0	8	A	0
##	2522	4.096896e+18	2020-08-18	0	0	2	B	71
##	2523	4.103651e+18	2020-08-11	0	0	9	D	81
##	2524	4.104530e+18	2020-08-16	0	0	9	B	0
##	2525	4.109382e+18	2020-08-11	0	0	4	A	0
##	2526	4.109856e+18	2020-08-20	0	0	7	C	69
##	2527	4.113283e+18	2020-08-12	0	0	2	A	0
##	2528	4.118811e+18	2020-08-20	0	0	2	D	31
##	2529	4.125821e+18	2020-08-13	0	0	6	A	0
##	2530	4.130445e+18	2020-08-20	0	0	2	A	0
##	2531	4.134695e+18	2020-08-12	0	0	2	C	15
##	2532	4.145995e+18	2020-08-10	0	0	13	C	17
##	2533	4.146613e+18	2020-08-10	0	0	3	A	0
##	2534	4.152447e+18	2020-08-19	0	0	11	C	70
##	2535	4.156169e+18	2020-08-11	0	0	4	G	54
##	2536	4.156932e+17	2020-08-18	0	0	26	C	0
##	2537	4.164269e+18	2020-08-13	0	0	6	D	38
##	2538	4.164416e+17	2020-08-17	0	0	7	<NA>	0
##	2539	4.166009e+18	2020-08-17	0	0	3	D	34
##	2540	4.191618e+18	2020-08-11	0	0	2	A	18
##	2541	4.191636e+18	2020-08-13	0	0	1	A	0
##	2542	4.192359e+18	2020-08-19	0	0	8	A	101
##	2543	4.196516e+18	2020-08-10	0	0	8	G	41

##	2544	4.196540e+18	2020-08-18	0	0	1	A	0
##	2545	4.206081e+18	2020-08-12	0	0	11	A	0
##	2546	4.208256e+18	2020-08-13	0	0	4	A	0
##	2547	4.210271e+18	2020-08-14	0	0	1	G	86
##	2548	4.212845e+18	2020-08-11	0	0	8	G	4
##	2549	4.230877e+17	2020-08-15	0	0	3	A	0
##	2550	4.236512e+18	2020-08-16	0	0	1	A	0
##	2551	4.247036e+18	2020-08-19	0	0	1	A	0
##	2552	4.252532e+18	2020-08-19	0	0	3	D	70
##	2553	4.257840e+18	2020-08-18	0	0	2	A	28
##	2554	4.260408e+18	2020-08-19	0	0	1	A	36
##	2555	4.261808e+18	2020-08-10	0	0	7	A	110
##	2556	4.267080e+18	2020-08-19	0	0	3	A	0
##	2557	4.269531e+18	2020-08-15	0	0	2	A	0
##	2558	4.273916e+18	2020-08-17	0	0	6	F	79
##	2559	4.282672e+18	2020-08-15	0	0	34	A	0
##	2560	4.282963e+18	2020-08-18	0	0	17	B	0
##	2561	4.283899e+18	2020-08-16	0	0	13	<NA>	0
##	2562	4.289584e+18	2020-08-18	0	0	3	A	0
##	2563	4.290955e+18	2020-08-19	0	0	12	A	8
##	2564	4.295968e+18	2020-08-18	0	0	1	E	90
##	2565	4.309087e+18	2020-08-10	0	0	1	A	17
##	2566	4.311763e+17	2020-08-10	0	0	10	A	0
##	2567	4.312848e+18	2020-08-18	0	0	20	A	9
##	2568	4.313857e+18	2020-08-20	0	0	1	D	69
##	2569	4.319467e+18	2020-08-12	0	0	7	A	0
##	2570	4.326022e+18	2020-08-19	0	0	5	A	141
##	2571	4.329128e+18	2020-08-14	0	0	7	C	81
##	2572	4.332508e+18	2020-08-13	0	0	7	B	0
##	2573	4.333124e+18	2020-08-17	0	0	1	A	32
##	2574	4.344673e+18	2020-08-13	0	0	3	A	65
##	2575	4.345242e+18	2020-08-19	0	0	3	A	0
##	2576	4.346228e+18	2020-08-18	0	0	7	A	0
##	2577	4.357340e+18	2020-08-14	0	0	1	C	57
##	2578	4.373701e+18	2020-08-12	0	0	5	C	59
##	2579	4.382231e+17	2020-08-14	0	0	4	C	0
##	2580	4.405372e+18	2020-08-17	0	0	23	A	11
##	2581	4.416923e+18	2020-08-13	0	0	1	C	58
##	2582	4.416943e+18	2020-08-17	0	0	3	D	81
##	2583	4.427122e+18	2020-08-20	0	0	1	A	141
##	2584	4.431222e+18	2020-08-17	0	0	29	A	38
##	2585	4.431697e+17	2020-08-19	0	0	13	A	0
##	2586	4.435663e+18	2020-08-13	0	0	6	B	38
##	2587	4.436462e+16	2020-08-15	0	0	1	A	62
##	2588	4.441102e+18	2020-08-15	0	0	26	A	13
##	2589	4.443366e+18	2020-08-14	0	0	20	C	15
##	2590	4.443492e+18	2020-08-13	0	0	3	D	0
##	2591	4.463328e+18	2020-08-16	0	0	29	C	0
##	2592	4.464789e+18	2020-08-15	0	0	1	A	62
##	2593	4.471254e+18	2020-08-19	0	0	2	A	0
##	2594	4.471617e+18	2020-08-13	0	0	1	A	16
##	2595	4.473402e+18	2020-08-11	0	0	1	F	0
##	2596	4.473443e+18	2020-08-17	0	0	6	B	72
##	2597	4.474379e+18	2020-08-12	0	0	2	A	62

##	2598	4.481024e+18	2020-08-10	0	0	1	A	0
##	2599	4.483562e+17	2020-08-19	0	0	1	A	51
##	2600	4.484849e+18	2020-08-20	0	0	1	A	0
##	2601	4.484983e+18	2020-08-10	0	0	13	C	17
##	2602	4.491178e+17	2020-08-13	0	0	1	A	0
##	2603	4.491829e+18	2020-08-10	0	0	14	A	0
##	2604	4.492497e+18	2020-08-17	0	0	1	B	72
##	2605	4.492871e+18	2020-08-10	0	0	2	A	110
##	2606	4.494712e+18	2020-08-15	0	0	6	C	50
##	2607	4.500346e+18	2020-08-17	0	0	7	B	72
##	2608	4.501701e+18	2020-08-17	0	0	1	A	38
##	2609	4.503967e+18	2020-08-14	0	0	3	C	208
##	2610	4.509291e+18	2020-08-19	0	0	45	A	27
##	2611	4.510381e+18	2020-08-14	0	0	5	A	0
##	2612	4.512652e+18	2020-08-10	0	0	44	A	0
##	2613	4.525240e+18	2020-08-19	0	0	25	B	32
##	2614	4.529076e+18	2020-08-12	0	0	1	A	0
##	2615	4.531495e+18	2020-08-11	0	0	6	E	0
##	2616	4.531646e+18	2020-08-19	0	0	1	A	0
##	2617	4.534968e+18	2020-08-19	0	0	1	A	51
##	2618	4.536857e+18	2020-08-10	0	0	1	A	0
##	2619	4.537587e+18	2020-08-15	0	0	2	E	0
##	2620	4.543976e+18	2020-08-19	0	0	17	G	46
##	2621	4.548319e+18	2020-08-10	0	0	1	B	43
##	2622	4.551313e+17	2020-08-14	0	0	4	D	37
##	2623	4.554517e+18	2020-08-11	0	0	13	A	0
##	2624	4.556816e+18	2020-08-18	1	399	25	B	62
##	2625	4.560104e+18	2020-08-19	0	0	3	E	0
##	2626	4.562784e+18	2020-08-19	0	0	3	A	0
##	2627	4.568279e+18	2020-08-16	0	0	14	G	49
##	2628	4.573476e+18	2020-08-14	0	0	2	B	0
##	2629	4.574072e+17	2020-08-15	0	0	5	C	208
##	2630	4.574344e+18	2020-08-20	0	0	3	F	69
##	2631	4.577777e+18	2020-08-10	0	0	15	<NA>	5
##	2632	4.583244e+18	2020-08-18	0	0	1	F	101
##	2633	4.583656e+18	2020-08-11	0	0	2	D	0
##	2634	4.584684e+18	2020-08-11	0	0	1	B	0
##	2635	4.587428e+18	2020-08-18	0	0	17	F	31
##	2636	4.587887e+18	2020-08-13	0	0	2	A	16
##	2637	4.590489e+17	2020-08-19	0	0	1	B	70
##	2638	4.592888e+18	2020-08-10	0	0	21	A	0
##	2639	4.597016e+18	2020-08-15	0	0	8	B	0
##	2640	4.597715e+18	2020-08-20	0	0	2	A	0
##	2641	4.598644e+18	2020-08-15	0	0	27	B	223
##	2642	4.600154e+18	2020-08-14	0	0	9	B	0
##	2643	4.601554e+18	2020-08-14	0	0	5	C	57
##	2644	4.603378e+18	2020-08-19	0	0	1	A	0
##	2645	4.608231e+18	2020-08-10	0	0	17	A	93
##	2646	4.609285e+18	2020-08-13	0	0	4	B	0
##	2647	4.616145e+18	2020-08-16	0	0	3	D	0
##	2648	4.622338e+18	2020-08-15	0	0	2	D	81
##	2649	4.625809e+18	2020-08-18	0	0	6	A	141
##	2650	4.637016e+18	2020-08-20	0	0	7	A	29
##	2651	4.644870e+18	2020-08-18	0	0	13	F	101

##	2652	4.647483e+18	2020-08-18	0	0	20	A	10
##	2653	4.653751e+18	2020-08-13	0	0	1	G	110
##	2654	4.655258e+18	2020-08-18	0	0	1	A	0
##	2655	4.656003e+18	2020-08-17	0	0	8	A	11
##	2656	4.656069e+18	2020-08-10	0	0	1	D	18
##	2657	4.656959e+18	2020-08-10	0	0	4	D	0
##	2658	4.664152e+18	2020-08-10	0	0	1	A	0
##	2659	4.666062e+18	2020-08-16	0	0	16	A	30
##	2660	4.668164e+18	2020-08-10	0	0	1	D	0
##	2661	4.670372e+18	2020-08-17	0	0	1	A	0
##	2662	4.688384e+18	2020-08-19	0	0	11	A	127
##	2663	4.693486e+18	2020-08-18	0	0	2	B	208
##	2664	4.706129e+18	2020-08-10	0	0	11	C	81
##	2665	4.710658e+18	2020-08-19	0	0	4	D	0
##	2666	4.719901e+18	2020-08-11	0	0	6	D	0
##	2667	4.725512e+18	2020-08-14	0	0	1	D	0
##	2668	4.726404e+18	2020-08-15	0	0	8	C	0
##	2669	4.731825e+18	2020-08-16	0	0	22	C	33
##	2670	4.734272e+18	2020-08-17	0	0	4	A	32
##	2671	4.735503e+18	2020-08-12	0	0	11	A	0
##	2672	4.735649e+18	2020-08-13	0	0	1	E	0
##	2673	4.743926e+18	2020-08-16	0	0	9	C	0
##	2674	4.746379e+18	2020-08-11	0	0	1	A	65
##	2675	4.747824e+18	2020-08-16	0	0	4	A	39
##	2676	4.749131e+18	2020-08-15	1	1119	15	A	0
##	2677	4.752697e+18	2020-08-18	0	0	12	A	0
##	2678	4.759651e+18	2020-08-16	0	0	8	A	0
##	2679	4.760520e+18	2020-08-11	0	0	2	A	16
##	2680	4.768805e+18	2020-08-15	0	0	1	A	40
##	2681	4.771265e+17	2020-08-12	0	0	4	C	208
##	2682	4.786321e+18	2020-08-10	0	0	20	B	0
##	2683	4.797991e+18	2020-08-20	0	0	2	A	0
##	2684	4.806871e+18	2020-08-19	0	0	3	A	0
##	2685	4.817649e+18	2020-08-15	0	0	9	D	50
##	2686	4.825704e+18	2020-08-13	0	0	1	A	14
##	2687	4.832971e+18	2020-08-17	0	0	18	A	53
##	2688	4.844904e+18	2020-08-10	0	0	2	A	110
##	2689	4.845806e+18	2020-08-13	0	0	4	A	0
##	2690	4.853939e+17	2020-08-19	0	0	5	C	0
##	2691	4.857597e+18	2020-08-17	0	0	18	C	0
##	2692	4.858447e+18	2020-08-13	0	0	5	D	96
##	2693	4.860924e+18	2020-08-13	0	0	10	A	58
##	2694	4.866960e+18	2020-08-20	0	0	1	F	0
##	2695	4.869895e+18	2020-08-13	0	0	13	D	0
##	2696	4.871034e+18	2020-08-20	0	0	5	<NA>	0
##	2697	4.875034e+18	2020-08-19	0	0	7	D	46
##	2698	4.884870e+18	2020-08-19	0	0	4	A	0
##	2699	4.893478e+18	2020-08-16	0	0	3	B	0
##	2700	4.897217e+17	2020-08-18	0	0	9	A	0
##	2701	4.905921e+18	2020-08-20	0	0	1	A	50
##	2702	4.919409e+18	2020-08-14	0	0	34	A	41
##	2703	4.922146e+18	2020-08-11	2	1198	31	B	4
##	2704	4.924949e+18	2020-08-18	0	0	1	A	9
##	2705	4.925041e+18	2020-08-15	0	0	2	A	62

##	2706	4.937005e+18	2020-08-18	0	0	11	A	0
##	2707	4.937606e+18	2020-08-18	0	0	18	A	0
##	2708	4.939198e+18	2020-08-15	0	0	6	C	0
##	2709	4.943001e+18	2020-08-11	0	0	11	D	0
##	2710	4.949230e+18	2020-08-19	0	0	2	A	0
##	2711	4.950248e+18	2020-08-16	0	0	10	G	155
##	2712	4.956827e+17	2020-08-15	0	0	4	A	0
##	2713	4.961939e+18	2020-08-16	0	0	1	A	30
##	2714	4.965044e+18	2020-08-17	0	0	7	A	38
##	2715	4.967249e+18	2020-08-15	0	0	12	A	31
##	2716	4.969631e+18	2020-08-14	0	0	1	F	141
##	2717	4.971411e+18	2020-08-10	0	0	3	A	0
##	2718	4.971965e+18	2020-08-10	0	0	15	C	43
##	2719	4.982843e+18	2020-08-13	0	0	9	A	133
##	2720	4.986428e+17	2020-08-15	0	0	2	B	81
##	2721	4.988427e+18	2020-08-11	0	0	9	F	85
##	2722	4.996204e+18	2020-08-10	0	0	31	A	93
##	2723	4.999903e+18	2020-08-19	0	0	49	A	0
##	2724	4.999955e+18	2020-08-13	0	0	4	A	16
##	2725	5.363805e+18	2020-08-10	0	0	1	D	41
##	2726	5.539860e+18	2020-08-10	0	0	6	G	100
##	2727	5.001116e+18	2020-08-14	0	0	1	A	15
##	2728	5.007027e+18	2020-08-13	0	0	2	B	0
##	2729	5.007701e+18	2020-08-10	0	0	6	A	18
##	2730	5.009065e+17	2020-08-19	0	0	4	A	51
##	2731	5.009273e+18	2020-08-15	0	0	3	D	0
##	2732	5.023690e+18	2020-08-12	0	0	16	C	39
##	2733	5.030588e+18	2020-08-15	0	0	2	A	141
##	2734	5.050347e+18	2020-08-19	0	0	12	C	0
##	2735	5.056627e+18	2020-08-15	0	0	6	A	0
##	2736	5.059969e+18	2020-08-13	0	0	1	A	0
##	2737	5.060765e+18	2020-08-19	0	0	8	A	0
##	2738	5.061533e+18	2020-08-16	0	0	1	A	0
##	2739	5.063752e+18	2020-08-18	0	0	2	B	0
##	2740	5.069101e+18	2020-08-20	0	0	2	G	0
##	2741	5.069114e+18	2020-08-16	0	0	9	D	81
##	2742	5.076204e+18	2020-08-12	0	0	3	D	43
##	2743	5.095477e+18	2020-08-18	0	0	6	D	81
##	2744	5.101213e+18	2020-08-11	0	0	12	A	141
##	2745	5.109338e+18	2020-08-20	0	0	3	A	0
##	2746	5.113580e+18	2020-08-15	1	229	10	A	0
##	2747	5.117260e+17	2020-08-15	0	0	58	A	31
##	2748	5.128429e+18	2020-08-20	0	0	2	B	0
##	2749	5.130348e+18	2020-08-15	0	0	1	A	141
##	2750	5.139417e+18	2020-08-13	0	0	1	F	52
##	2751	5.146477e+18	2020-08-18	0	0	1	B	0
##	2752	5.147804e+18	2020-08-17	0	0	34	B	72
##	2753	5.147949e+18	2020-08-14	0	0	2	A	13
##	2754	5.151372e+18	2020-08-15	0	0	4	A	0
##	2755	5.152436e+18	2020-08-10	0	0	10	A	0
##	2756	5.165777e+18	2020-08-14	0	0	3	D	51
##	2757	5.168332e+18	2020-08-11	0	0	17	B	54
##	2758	5.170516e+18	2020-08-14	0	0	1	A	15
##	2759	5.174076e+18	2020-08-20	0	0	9	C	0

##	2760	5.187351e+17	2020-08-14	0	0	1	E	0
##	2761	5.187512e+18	2020-08-16	0	0	61	A	30
##	2762	5.189422e+18	2020-08-10	0	0	3	C	0
##	2763	5.191048e+18	2020-08-11	0	0	1	B	0
##	2764	5.198300e+18	2020-08-13	0	0	5	D	42
##	2765	5.227839e+18	2020-08-16	0	0	4	C	0
##	2766	5.233488e+18	2020-08-11	1	1299	12	A	44
##	2767	5.235767e+18	2020-08-19	0	0	4	B	141
##	2768	5.236920e+18	2020-08-13	0	0	6	A	0
##	2769	5.238474e+18	2020-08-17	0	0	36	B	0
##	2770	5.243619e+18	2020-08-10	0	0	11	F	45
##	2771	5.247785e+17	2020-08-17	0	0	3	A	0
##	2772	5.249963e+18	2020-08-10	0	0	9	<NA>	0
##	2773	5.251241e+18	2020-08-11	0	0	8	B	0
##	2774	5.269947e+18	2020-08-14	0	0	4	E	0
##	2775	5.272070e+18	2020-08-10	0	0	4	C	43
##	2776	5.281871e+18	2020-08-17	0	0	1	<NA>	0
##	2777	5.291384e+18	2020-08-11	0	0	6	C	16
##	2778	5.291425e+18	2020-08-13	0	0	1	A	15
##	2779	5.296100e+18	2020-08-12	0	0	2	A	0
##	2780	5.296910e+18	2020-08-19	0	0	2	A	30
##	2781	5.300837e+18	2020-08-13	0	0	13	A	0
##	2782	5.309947e+18	2020-08-13	0	0	9	D	0
##	2783	5.316103e+18	2020-08-12	0	0	8	A	43
##	2784	5.316768e+18	2020-08-12	0	0	4	B	0
##	2785	5.320188e+18	2020-08-10	0	0	2	A	17
##	2786	5.321663e+18	2020-08-17	0	0	2	C	72
##	2787	5.325155e+18	2020-08-10	0	0	2	A	0
##	2788	5.326238e+18	2020-08-20	0	0	1	A	0
##	2789	5.327450e+18	2020-08-18	0	0	1	A	9
##	2790	5.327956e+18	2020-08-14	0	0	5	C	0
##	2791	5.329183e+18	2020-08-17	0	0	7	G	34
##	2792	5.329700e+18	2020-08-20	0	0	13	A	7
##	2793	5.340476e+18	2020-08-11	0	0	2	A	18
##	2794	5.343055e+18	2020-08-18	0	0	9	A	102
##	2795	5.344873e+18	2020-08-20	0	0	48	A	0
##	2796	5.347079e+18	2020-08-11	0	0	12	A	0
##	2797	5.352594e+18	2020-08-18	0	0	2	A	9
##	2798	5.358518e+18	2020-08-17	0	0	16	C	0
##	2799	5.359520e+17	2020-08-13	0	0	13	D	0
##	2800	5.364060e+18	2020-08-12	0	0	7	D	81
##	2801	5.368518e+18	2020-08-17	0	0	4	A	38
##	2802	5.374224e+18	2020-08-17	0	0	3	A	10
##	2803	5.375482e+18	2020-08-15	1	398	5	D	50
##	2804	5.389252e+18	2020-08-10	1	799	17	C	43
##	2805	5.393260e+18	2020-08-17	0	0	18	A	0
##	2806	5.407865e+17	2020-08-12	0	0	2	B	208
##	2807	5.433721e+18	2020-08-12	0	0	1	E	0
##	2808	5.440511e+17	2020-08-16	0	0	6	A	39
##	2809	5.446762e+18	2020-08-14	0	0	8	A	141
##	2810	5.450472e+18	2020-08-10	0	0	3	A	0
##	2811	5.451329e+18	2020-08-11	0	0	2	A	0
##	2812	5.451962e+18	2020-08-14	0	0	8	C	37
##	2813	5.454876e+18	2020-08-20	0	0	1	A	26

##	2814	5.464509e+18	2020-08-12	0	0	1	A	141
##	2815	5.466630e+18	2020-08-12	0	0	3	A	15
##	2816	5.469267e+18	2020-08-14	0	0	20	C	0
##	2817	5.471495e+18	2020-08-11	0	0	2	A	0
##	2818	5.475006e+18	2020-08-13	0	0	34	A	65
##	2819	5.479839e+18	2020-08-11	0	0	4	C	54
##	2820	5.490204e+18	2020-08-18	0	0	1	A	52
##	2821	5.493388e+18	2020-08-18	0	0	1	F	0
##	2822	5.496930e+18	2020-08-16	0	0	1	A	30
##	2823	5.501044e+18	2020-08-19	0	0	3	F	70
##	2824	5.509316e+18	2020-08-17	0	0	5	E	0
##	2825	5.510154e+17	2020-08-20	0	0	6	A	0
##	2826	5.511503e+18	2020-08-10	0	0	21	A	18
##	2827	5.512420e+18	2020-08-15	0	0	24	F	40
##	2828	5.515922e+18	2020-08-13	0	0	32	A	42
##	2829	5.522389e+18	2020-08-13	1	859	27	C	0
##	2830	5.540279e+18	2020-08-14	0	0	4	A	0
##	2831	5.541563e+18	2020-08-20	0	0	2	B	0
##	2832	5.549326e+18	2020-08-16	0	0	1	A	11
##	2833	5.549734e+18	2020-08-12	0	0	9	A	0
##	2834	5.552496e+18	2020-08-14	0	0	4	<NA>	0
##	2835	5.554192e+18	2020-08-17	0	0	1	A	32
##	2836	5.555115e+18	2020-08-10	0	0	14	A	0
##	2837	5.565772e+18	2020-08-16	0	0	2	A	0
##	2838	5.570937e+18	2020-08-10	0	0	3	<NA>	0
##	2839	5.575949e+18	2020-08-10	0	0	11	A	0
##	2840	5.576566e+17	2020-08-20	0	0	1	A	0
##	2841	5.582777e+18	2020-08-15	0	0	1	A	65
##	2842	5.585370e+18	2020-08-13	0	0	1	A	0
##	2843	5.588098e+18	2020-08-14	1	1499	4	A	14
##	2844	5.595045e+18	2020-08-17	0	0	22	D	34
##	2845	5.607994e+18	2020-08-16	0	0	12	A	0
##	2846	5.610029e+18	2020-08-20	0	0	3	A	69
##	2847	5.612122e+18	2020-08-16	0	0	14	A	104
##	2848	5.627403e+18	2020-08-18	0	0	31	B	81
##	2849	5.631888e+18	2020-08-18	0	0	4	D	31
##	2850	5.634610e+18	2020-08-13	0	0	2	A	86
##	2851	5.635838e+18	2020-08-20	0	0	16	B	0
##	2852	5.650880e+18	2020-08-10	0	0	2	B	208
##	2853	5.652180e+18	2020-08-16	0	0	5	E	0
##	2854	5.654876e+18	2020-08-10	0	0	12	A	0
##	2855	5.656117e+18	2020-08-15	0	0	18	C	81
##	2856	5.657727e+18	2020-08-11	1	1199	26	B	0
##	2857	5.662668e+18	2020-08-20	0	0	5	A	0
##	2858	5.668741e+18	2020-08-19	0	0	2	A	8
##	2859	5.670691e+18	2020-08-17	0	0	4	A	10
##	2860	5.676104e+17	2020-08-18	0	0	3	A	102
##	2861	5.676546e+16	2020-08-20	0	0	5	A	35
##	2862	5.677142e+18	2020-08-13	0	0	29	C	14
##	2863	5.679282e+18	2020-08-17	0	0	14	A	0
##	2864	5.744533e+17	2020-08-19	0	0	17	C	65
##	2865	5.745603e+18	2020-08-13	0	0	1	F	14
##	2866	5.757101e+18	2020-08-11	0	0	4	A	44
##	2867	5.759402e+18	2020-08-10	0	0	16	C	41

##	2868	5.760138e+18	2020-08-11	0	0	21	B	81
##	2869	5.765199e+17	2020-08-15	0	0	4	A	14
##	2870	5.768489e+18	2020-08-10	0	0	2	A	0
##	2871	5.775694e+18	2020-08-11	0	0	9	F	0
##	2872	5.785983e+18	2020-08-10	0	0	2	G	223
##	2873	5.789667e+17	2020-08-17	0	0	7	A	53
##	2874	5.796730e+17	2020-08-13	0	0	1	A	65
##	2875	5.796944e+18	2020-08-12	0	0	34	A	43
##	2876	5.797412e+18	2020-08-11	0	0	30	A	92
##	2877	5.797532e+17	2020-08-14	0	0	4	A	0
##	2878	5.798506e+18	2020-08-11	0	0	2	A	0
##	2879	5.800078e+18	2020-08-15	0	0	62	A	0
##	2880	5.803739e+18	2020-08-14	0	0	23	A	0
##	2881	5.812006e+18	2020-08-20	0	0	1	B	0
##	2882	5.812812e+18	2020-08-17	0	0	4	C	0
##	2883	5.828682e+18	2020-08-20	0	0	5	A	7
##	2884	5.829330e+18	2020-08-10	0	0	1	A	0
##	2885	5.829958e+16	2020-08-15	0	0	6	A	0
##	2886	5.837176e+18	2020-08-18	0	0	19	B	0
##	2887	5.841033e+18	2020-08-15	0	0	12	A	40
##	2888	5.844544e+18	2020-08-16	0	0	5	E	0
##	2889	5.850841e+18	2020-08-16	0	0	9	A	0
##	2890	5.851976e+18	2020-08-10	0	0	8	D	41
##	2891	5.859835e+18	2020-08-10	0	0	18	A	0
##	2892	5.862979e+18	2020-08-14	0	0	25	A	0
##	2893	5.863167e+18	2020-08-10	0	0	1	A	0
##	2894	5.864863e+17	2020-08-12	0	0	2	A	0
##	2895	5.868200e+18	2020-08-15	0	0	5	E	0
##	2896	5.870499e+18	2020-08-10	0	0	14	A	0
##	2897	5.871301e+18	2020-08-10	0	0	2	A	0
##	2898	5.872669e+18	2020-08-11	0	0	2	A	18
##	2899	5.882620e+18	2020-08-19	0	0	1	A	8
##	2900	5.885587e+18	2020-08-16	0	0	14	A	39
##	2901	5.894675e+18	2020-08-10	0	0	1	A	17
##	2902	5.898630e+17	2020-08-12	0	0	8	E	0
##	2903	5.898969e+18	2020-08-20	0	0	4	A	0
##	2904	5.903307e+18	2020-08-13	0	0	3	A	16
##	2905	5.906446e+18	2020-08-19	0	0	1	G	152
##	2906	5.914169e+18	2020-08-11	0	0	1	A	0
##	2907	5.919113e+18	2020-08-10	0	0	26	B	0
##	2908	5.922956e+18	2020-08-13	0	0	1	A	0
##	2909	5.923589e+18	2020-08-14	0	0	2	F	105
##	2910	5.926255e+18	2020-08-18	0	0	4	A	10
##	2911	5.926621e+18	2020-08-20	0	0	4	A	69
##	2912	5.930224e+18	2020-08-12	0	0	15	B	0
##	2913	5.931166e+18	2020-08-20	0	0	10	B	31
##	2914	5.932481e+17	2020-08-10	0	0	7	C	0
##	2915	5.938079e+18	2020-08-10	0	0	1	A	110
##	2916	5.938923e+18	2020-08-13	0	0	2	E	0
##	2917	5.940061e+18	2020-08-17	0	0	13	A	0
##	2918	5.946475e+18	2020-08-13	0	0	3	G	158
##	2919	5.946500e+18	2020-08-20	0	0	2	A	100
##	2920	5.947567e+18	2020-08-10	0	0	7	A	65
##	2921	5.948892e+18	2020-08-16	0	0	1	A	0

##	2922	5.954865e+18	2020-08-10	0	0	2	A	0
##	2923	5.956549e+18	2020-08-20	0	0	4	D	0
##	2924	5.962139e+18	2020-08-12	0	0	6	D	39
##	2925	5.964148e+18	2020-08-13	0	0	1	A	0
##	2926	5.964350e+18	2020-08-12	0	0	7	A	141
##	2927	5.964719e+17	2020-08-19	0	0	2	A	9
##	2928	5.965146e+18	2020-08-19	0	0	2	A	101
##	2929	5.968865e+18	2020-08-18	0	0	1	A	37
##	2930	5.971665e+18	2020-08-11	0	0	6	C	16
##	2931	5.971968e+18	2020-08-16	0	0	22	B	49
##	2932	5.972891e+18	2020-08-20	1	939	37	C	0
##	2933	5.977210e+18	2020-08-13	0	0	8	A	0
##	2934	5.985101e+18	2020-08-15	0	0	10	A	14
##	2935	5.989887e+18	2020-08-20	0	0	4	E	0
##	2936	5.999596e+18	2020-08-20	0	0	7	D	29
##	2937	6.126528e+18	2020-08-15	0	0	30	B	0
##	2938	6.591877e+18	2020-08-13	0	0	20	B	0
##	2939	6.004333e+18	2020-08-10	0	0	2	A	0
##	2940	6.005755e+18	2020-08-12	0	0	11	B	53
##	2941	6.019319e+18	2020-08-20	0	0	15	B	223
##	2942	6.023662e+18	2020-08-15	0	0	12	A	0
##	2943	6.025940e+18	2020-08-17	0	0	1	G	34
##	2944	6.047388e+18	2020-08-13	0	0	1	E	0
##	2945	6.047885e+18	2020-08-13	0	0	20	<NA>	0
##	2946	6.051988e+18	2020-08-12	0	0	6	C	81
##	2947	6.052654e+18	2020-08-10	0	0	10	C	55
##	2948	6.062274e+18	2020-08-16	0	0	2	C	11
##	2949	6.065020e+18	2020-08-18	0	0	1	A	28
##	2950	6.072907e+18	2020-08-11	0	0	5	A	44
##	2951	6.077783e+17	2020-08-14	0	0	3	<NA>	95
##	2952	6.078855e+18	2020-08-16	0	0	29	F	103
##	2953	6.082551e+18	2020-08-14	0	0	10	A	65
##	2954	6.097432e+18	2020-08-19	0	0	10	A	0
##	2955	6.100394e+18	2020-08-13	0	0	10	B	0
##	2956	6.104155e+18	2020-08-19	0	0	7	A	0
##	2957	6.106808e+18	2020-08-12	0	0	4	A	43
##	2958	6.107433e+18	2020-08-10	0	0	5	G	100
##	2959	6.107894e+18	2020-08-10	0	0	2	A	0
##	2960	6.109199e+18	2020-08-16	0	0	1	A	30
##	2961	6.137312e+18	2020-08-13	0	0	19	A	0
##	2962	6.141073e+18	2020-08-18	0	0	12	A	0
##	2963	6.155783e+17	2020-08-17	0	0	2	A	103
##	2964	6.158579e+18	2020-08-10	0	0	8	G	161
##	2965	6.160279e+18	2020-08-11	1	659	7	C	0
##	2966	6.162553e+18	2020-08-20	0	0	2	D	0
##	2967	6.165186e+18	2020-08-17	0	0	19	F	32
##	2968	6.165868e+18	2020-08-13	0	0	2	A	0
##	2969	6.168664e+18	2020-08-15	0	0	7	D	156
##	2970	6.172649e+16	2020-08-16	0	0	1	A	0
##	2971	6.177099e+18	2020-08-20	0	0	47	<NA>	124
##	2972	6.179106e+18	2020-08-10	0	0	2	A	0
##	2973	6.179334e+18	2020-08-17	0	0	11	C	34
##	2974	6.181040e+18	2020-08-15	0	0	3	A	0
##	2975	6.187386e+18	2020-08-20	0	0	1	A	29

##	2976	6.196486e+18	2020-08-16	0	0	6	A	0
##	2977	6.200579e+18	2020-08-16	0	0	4	A	54
##	2978	6.201189e+16	2020-08-12	0	0	20	C	17
##	2979	6.204652e+17	2020-08-19	0	0	50	A	51
##	2980	6.207153e+18	2020-08-20	0	0	1	A	141
##	2981	6.211179e+18	2020-08-14	0	0	8	A	41
##	2982	6.216053e+18	2020-08-13	0	0	32	F	52
##	2983	6.220750e+18	2020-08-11	0	0	1	A	0
##	2984	6.224759e+17	2020-08-19	0	0	2	B	0
##	2985	6.226211e+18	2020-08-11	0	0	5	F	54
##	2986	6.227226e+17	2020-08-13	0	0	2	A	0
##	2987	6.228538e+18	2020-08-14	0	0	2	A	0
##	2988	6.235386e+18	2020-08-16	0	0	15	A	0
##	2989	6.238005e+18	2020-08-13	0	0	1	C	0
##	2990	6.242527e+18	2020-08-15	0	0	7	C	0
##	2991	6.243852e+18	2020-08-14	0	0	11	D	109
##	2992	6.250131e+18	2020-08-15	0	0	12	A	65
##	2993	6.250377e+18	2020-08-14	0	0	5	C	0
##	2994	6.250685e+18	2020-08-16	0	0	6	B	35
##	2995	6.269480e+18	2020-08-18	0	0	8	A	71
##	2996	6.281764e+18	2020-08-10	0	0	12	A	45
##	2997	6.294387e+18	2020-08-15	0	0	5	A	0
##	2998	6.295367e+18	2020-08-18	0	0	3	B	71
##	2999	6.295398e+18	2020-08-18	0	0	39	<NA>	126
##	3000	6.305988e+18	2020-08-14	0	0	10	G	51
##	3001	6.312313e+18	2020-08-14	0	0	28	B	2
##	3002	6.314672e+17	2020-08-18	0	0	6	A	0
##	3003	6.315269e+17	2020-08-18	0	0	4	A	52
##	3004	6.316993e+17	2020-08-20	0	0	3	D	81
##	3005	6.318326e+18	2020-08-12	0	0	10	F	0
##	3006	6.324158e+18	2020-08-15	0	0	3	D	0
##	3007	6.325128e+18	2020-08-18	0	0	11	C	47
##	3008	6.326391e+18	2020-08-19	0	0	1	A	36
##	3009	6.327799e+18	2020-08-16	0	0	7	G	208
##	3010	6.332241e+18	2020-08-17	0	0	65	A	0
##	3011	6.337213e+18	2020-08-20	0	0	1	A	7
##	3012	6.365014e+18	2020-08-11	1	1299	25	A	44
##	3013	6.365977e+18	2020-08-15	0	0	3	<NA>	0
##	3014	6.367803e+18	2020-08-11	0	0	1	A	44
##	3015	6.378772e+18	2020-08-15	0	0	7	A	0
##	3016	6.384366e+16	2020-08-18	0	0	18	A	0
##	3017	6.386471e+18	2020-08-16	0	0	2	D	55
##	3018	6.387058e+17	2020-08-13	0	0	6	B	223
##	3019	6.391494e+18	2020-08-19	0	0	29	C	0
##	3020	6.392560e+18	2020-08-20	0	0	6	D	65
##	3021	6.402024e+18	2020-08-16	0	0	33	A	39
##	3022	6.402645e+18	2020-08-16	0	0	9	F	33
##	3023	6.406231e+18	2020-08-11	0	0	7	A	0
##	3024	6.422412e+17	2020-08-12	0	0	8	D	39
##	3025	6.423033e+17	2020-08-10	0	0	3	A	109
##	3026	6.438253e+18	2020-08-20	0	0	9	<NA>	0
##	3027	6.438686e+18	2020-08-14	0	0	1	A	65
##	3028	6.439545e+18	2020-08-11	0	0	7	G	40
##	3029	6.441338e+18	2020-08-19	0	0	8	D	70

## 3030	6.448888e+18	2020-08-19	1	599	26	C	81
## 3031	6.451337e+17	2020-08-14	0	0	6	A	0
## 3032	6.451807e+18	2020-08-11	0	0	2	A	0
## 3033	6.468974e+18	2020-08-13	0	0	4	A	62
## 3034	6.483310e+18	2020-08-14	0	0	2	A	141
## 3035	6.483641e+18	2020-08-11	0	0	15	C	0
## 3036	6.486891e+18	2020-08-13	0	0	2	A	0
## 3037	6.488048e+18	2020-08-14	0	0	5	G	51
## 3038	6.488907e+18	2020-08-10	0	0	41	D	0
## 3039	6.490662e+18	2020-08-14	0	0	18	B	0
## 3040	6.492582e+18	2020-08-10	0	0	7	E	0
## 3041	6.499568e+18	2020-08-10	0	0	9	A	141
## 3042	6.504248e+18	2020-08-19	0	0	6	C	70
## 3043	6.504591e+18	2020-08-18	0	0	5	A	0
## 3044	6.505788e+17	2020-08-18	0	0	1	A	31
## 3045	6.507058e+18	2020-08-14	0	0	2	A	13
## 3046	6.509164e+18	2020-08-15	0	0	5	A	40
## 3047	6.510625e+18	2020-08-11	0	0	55	B	4
## 3048	6.516154e+18	2020-08-13	0	0	2	D	110
## 3049	6.519405e+18	2020-08-19	0	0	2	A	141
## 3050	6.525511e+18	2020-08-15	0	0	4	A	0
## 3051	6.530412e+18	2020-08-11	0	0	3	A	0
## 3052	6.531055e+18	2020-08-10	0	0	1	A	45
## 3053	6.531631e+18	2020-08-17	0	0	12	<NA>	0
## 3054	6.532099e+18	2020-08-12	0	0	27	B	223
## 3055	6.534042e+18	2020-08-18	0	0	1	A	9
## 3056	6.537251e+18	2020-08-20	0	0	4	A	0
## 3057	6.537544e+18	2020-08-16	0	0	30	B	223
## 3058	6.540189e+18	2020-08-14	0	0	4	A	0
## 3059	6.553829e+18	2020-08-10	0	0	1	A	45
## 3060	6.553844e+18	2020-08-10	0	0	8	A	93
## 3061	6.555412e+18	2020-08-17	0	0	2	B	0
## 3062	6.556363e+18	2020-08-16	0	0	31	A	0
## 3063	6.558586e+18	2020-08-15	0	0	6	B	36
## 3064	6.561500e+18	2020-08-10	0	0	2	D	0
## 3065	6.567261e+18	2020-08-17	0	0	103	A	0
## 3066	6.567773e+18	2020-08-16	0	0	21	A	0
## 3067	6.570032e+17	2020-08-17	0	0	3	A	0
## 3068	6.572723e+18	2020-08-19	0	0	1	F	30
## 3069	6.572733e+18	2020-08-16	0	0	3	A	0
## 3070	6.574852e+18	2020-08-20	0	0	17	A	8
## 3071	6.582589e+17	2020-08-12	0	0	4	A	43
## 3072	6.582623e+18	2020-08-20	0	0	1	D	31
## 3073	6.584697e+18	2020-08-19	0	0	22	A	51
## 3074	6.590866e+18	2020-08-20	0	0	2	B	208
## 3075	6.610344e+18	2020-08-19	0	0	2	A	0
## 3076	6.618541e+18	2020-08-18	0	0	1	A	52
## 3077	6.630610e+18	2020-08-18	0	0	23	C	28
## 3078	6.630906e+18	2020-08-14	0	0	1	A	13
## 3079	6.633239e+17	2020-08-13	0	0	1	A	0
## 3080	6.650686e+18	2020-08-16	0	0	1	D	141
## 3081	6.651947e+16	2020-08-14	0	0	6	A	0
## 3082	6.656636e+18	2020-08-12	0	0	2	A	0
## 3083	6.656740e+18	2020-08-11	0	0	2	D	81

## 3084	6.668415e+18	2020-08-12	0	0	4	A	43
## 3085	6.669063e+18	2020-08-11	0	0	11	A	0
## 3086	6.683254e+18	2020-08-14	0	0	1	A	65
## 3087	6.683369e+18	2020-08-18	0	0	2	A	0
## 3088	6.684060e+18	2020-08-10	0	0	2	A	0
## 3089	6.685909e+17	2020-08-17	0	0	1	A	0
## 3090	6.688191e+18	2020-08-12	0	0	17	A	43
## 3091	6.688203e+18	2020-08-14	0	0	1	A	0
## 3092	6.690635e+18	2020-08-11	0	0	4	D	0
## 3093	6.693509e+18	2020-08-14	0	0	57	A	65
## 3094	6.694108e+17	2020-08-13	0	0	1	F	0
## 3095	6.712127e+18	2020-08-19	0	0	4	A	9
## 3096	6.714381e+18	2020-08-15	0	0	5	A	0
## 3097	6.715708e+18	2020-08-12	0	0	3	C	0
## 3098	6.717045e+18	2020-08-10	0	0	12	A	45
## 3099	6.719910e+18	2020-08-11	0	0	1	D	17
## 3100	6.722995e+18	2020-08-18	0	0	5	A	0
## 3101	6.724285e+18	2020-08-12	0	0	1	A	17
## 3102	6.729153e+18	2020-08-11	0	0	6	B	40
## 3103	6.733580e+17	2020-08-15	0	0	6	C	0
## 3104	6.741996e+18	2020-08-10	0	0	25	B	41
## 3105	6.744514e+18	2020-08-12	0	0	19	G	39
## 3106	6.755476e+18	2020-08-10	0	0	2	A	17
## 3107	6.757356e+18	2020-08-14	0	0	1	A	15
## 3108	6.761081e+18	2020-08-20	0	0	2	D	29
## 3109	6.767967e+18	2020-08-11	1	799	37	B	54
## 3110	6.769305e+18	2020-08-10	0	0	3	A	0
## 3111	6.770626e+18	2020-08-17	0	0	8	A	29
## 3112	6.773851e+18	2020-08-15	0	0	2	A	0
## 3113	6.775902e+18	2020-08-13	0	0	13	B	38
## 3114	6.784112e+18	2020-08-10	0	0	1	G	208
## 3115	6.790181e+18	2020-08-16	0	0	5	A	0
## 3116	6.798186e+18	2020-08-15	0	0	1	G	50
## 3117	6.798223e+18	2020-08-17	0	0	3	A	0
## 3118	6.799390e+18	2020-08-16	0	0	29	A	0
## 3119	6.802662e+18	2020-08-13	0	0	5	A	141
## 3120	6.806344e+18	2020-08-16	0	0	22	B	81
## 3121	6.822127e+18	2020-08-17	0	0	1	A	0
## 3122	6.829450e+16	2020-08-15	0	0	1	A	141
## 3123	6.836893e+18	2020-08-10	0	0	1	D	65
## 3124	6.837217e+18	2020-08-12	0	0	2	G	3
## 3125	6.837925e+18	2020-08-13	1	739	85	C	0
## 3126	6.846751e+18	2020-08-13	1	1489	44	A	0
## 3127	6.863087e+17	2020-08-18	0	0	1	B	33
## 3128	6.881725e+18	2020-08-18	0	0	30	A	37
## 3129	6.889881e+18	2020-08-19	0	0	10	D	70
## 3130	6.892811e+18	2020-08-18	0	0	21	A	10
## 3131	6.899364e+18	2020-08-17	0	0	14	B	81
## 3132	6.903979e+18	2020-08-10	0	0	2	A	0
## 3133	6.907608e+18	2020-08-18	0	0	2	E	0
## 3134	6.908860e+18	2020-08-10	0	0	3	F	45
## 3135	6.909503e+18	2020-08-14	1	349	22	C	0
## 3136	6.910563e+18	2020-08-14	0	0	20	A	41
## 3137	6.916509e+18	2020-08-18	0	0	14	A	0

## 3138	6.922663e+18	2020-08-16	0	0	34	D	0
## 3139	6.923543e+18	2020-08-17	0	0	15	A	38
## 3140	6.930358e+18	2020-08-10	1	1299	12	B	0
## 3141	6.930598e+18	2020-08-15	0	0	6	B	36
## 3142	6.941279e+18	2020-08-12	0	0	7	D	53
## 3143	6.941309e+18	2020-08-16	0	0	4	A	141
## 3144	6.942130e+18	2020-08-13	0	0	25	B	2
## 3145	6.969322e+18	2020-08-15	0	0	11	C	122
## 3146	6.979955e+18	2020-08-13	0	0	16	A	65
## 3147	6.981331e+18	2020-08-13	0	0	10	A	0
## 3148	6.991926e+18	2020-08-20	0	0	5	B	31
## 3149	6.993088e+18	2020-08-14	0	0	6	D	0
## 3150	7.900790e+18	2020-08-17	0	0	1	D	0
## 3151	7.955460e+18	2020-08-13	0	0	3	A	0
## 3152	7.004660e+18	2020-08-11	0	0	5	E	17
## 3153	7.006152e+17	2020-08-14	0	0	1	A	41
## 3154	7.008425e+18	2020-08-18	0	0	13	B	62
## 3155	7.013127e+18	2020-08-10	0	0	5	D	100
## 3156	7.016439e+18	2020-08-15	0	0	43	A	0
## 3157	7.016777e+18	2020-08-20	0	0	1	A	0
## 3158	7.018557e+17	2020-08-15	0	0	1	A	13
## 3159	7.019533e+18	2020-08-11	0	0	6	D	40
## 3160	7.022549e+17	2020-08-18	0	0	15	<NA>	0
## 3161	7.025462e+18	2020-08-10	0	0	2	A	93
## 3162	7.043918e+18	2020-08-16	0	0	9	A	0
## 3163	7.045315e+18	2020-08-18	0	0	4	A	0
## 3164	7.045615e+18	2020-08-20	0	0	20	G	103
## 3165	7.047349e+18	2020-08-14	0	0	1	A	0
## 3166	7.058467e+18	2020-08-20	0	0	28	<NA>	0
## 3167	7.061165e+17	2020-08-13	0	0	2	F	16
## 3168	7.092153e+17	2020-08-16	0	0	6	A	0
## 3169	7.094502e+18	2020-08-13	0	0	31	C	0
## 3170	7.100468e+18	2020-08-20	0	0	20	C	59
## 3171	7.104634e+18	2020-08-16	0	0	1	E	130
## 3172	7.108914e+18	2020-08-14	0	0	4	B	0
## 3173	7.112705e+18	2020-08-19	0	0	2	A	0
## 3174	7.115217e+18	2020-08-15	0	0	3	A	0
## 3175	7.121243e+18	2020-08-18	0	0	1	A	0
## 3176	7.121587e+18	2020-08-15	0	0	1	A	65
## 3177	7.134908e+18	2020-08-16	0	0	1	C	208
## 3178	7.141484e+18	2020-08-12	0	0	1	A	87
## 3179	7.144598e+18	2020-08-15	0	0	7	B	0
## 3180	7.151093e+18	2020-08-10	0	0	21	B	41
## 3181	7.154061e+18	2020-08-11	0	0	1	A	65
## 3182	7.155729e+18	2020-08-20	0	0	1	B	0
## 3183	7.171898e+17	2020-08-14	0	0	2	D	0
## 3184	7.177252e+18	2020-08-13	0	0	24	A	14
## 3185	7.179963e+18	2020-08-12	0	0	3	A	16
## 3186	7.182121e+18	2020-08-13	0	0	6	C	0
## 3187	7.186031e+18	2020-08-10	0	0	18	A	0
## 3188	7.189346e+18	2020-08-18	0	0	10	G	47
## 3189	7.200939e+18	2020-08-17	0	0	5	A	0
## 3190	7.203968e+18	2020-08-15	0	0	22	D	0
## 3191	7.206436e+18	2020-08-12	0	0	13	A	0

##	3192	7.206555e+18	2020-08-16	0	0	9	D	107
##	3193	7.208115e+18	2020-08-11	0	0	7	D	0
##	3194	7.219191e+18	2020-08-15	0	0	4	B	0
##	3195	7.225776e+18	2020-08-16	0	0	2	A	54
##	3196	7.226122e+18	2020-08-12	0	0	125	C	0
##	3197	7.235648e+18	2020-08-17	0	0	4	B	81
##	3198	7.242583e+17	2020-08-10	0	0	14	A	0
##	3199	7.244264e+18	2020-08-17	0	0	1	A	38
##	3200	7.245596e+18	2020-08-15	0	0	11	C	36
##	3201	7.249632e+18	2020-08-13	0	0	5	A	62
##	3202	7.254219e+17	2020-08-14	0	0	3	A	0
##	3203	7.255267e+18	2020-08-10	1	209	11	A	0
##	3204	7.264625e+18	2020-08-10	0	0	44	C	43
##	3205	7.264899e+18	2020-08-19	0	0	4	A	0
##	3206	7.270733e+18	2020-08-15	0	0	8	A	65
##	3207	7.270811e+18	2020-08-10	0	0	39	C	5
##	3208	7.284309e+17	2020-08-17	0	0	18	C	81
##	3209	7.284521e+18	2020-08-14	0	0	1	A	15
##	3210	7.292421e+18	2020-08-11	0	0	4	C	42
##	3211	7.301447e+18	2020-08-10	0	0	25	C	0
##	3212	7.304979e+18	2020-08-20	0	0	11	A	0
##	3213	7.311349e+18	2020-08-11	0	0	6	<NA>	0
##	3214	7.316244e+18	2020-08-10	0	0	9	D	0
##	3215	7.316477e+18	2020-08-11	0	0	10	<NA>	0
##	3216	7.323486e+18	2020-08-18	0	0	2	A	31
##	3217	7.325653e+18	2020-08-11	0	0	3	A	16
##	3218	7.332243e+18	2020-08-15	0	0	3	A	0
##	3219	7.334661e+18	2020-08-20	0	0	56	C	31
##	3220	7.338340e+18	2020-08-19	0	0	1	B	0
##	3221	7.339583e+18	2020-08-18	0	0	1	A	0
##	3222	7.351584e+18	2020-08-18	0	0	24	C	81
##	3223	7.355156e+18	2020-08-15	0	0	9	E	0
##	3224	7.360075e+18	2020-08-19	0	0	1	A	9
##	3225	7.377342e+16	2020-08-14	0	0	2	A	141
##	3226	7.387894e+15	2020-08-11	0	0	46	B	40
##	3227	7.388691e+18	2020-08-14	0	0	7	A	41
##	3228	7.388953e+18	2020-08-19	0	0	7	G	223
##	3229	7.390504e+18	2020-08-19	0	0	10	C	0
##	3230	7.394080e+17	2020-08-11	0	0	13	C	42
##	3231	7.416444e+18	2020-08-19	0	0	4	A	51
##	3232	7.419356e+18	2020-08-17	0	0	1	A	53
##	3233	7.421091e+18	2020-08-14	0	0	3	A	0
##	3234	7.426594e+18	2020-08-11	0	0	9	C	0
##	3235	7.427288e+18	2020-08-10	0	0	5	B	0
##	3236	7.428145e+18	2020-08-19	0	0	43	A	0
##	3237	7.428673e+18	2020-08-17	0	0	3	A	10
##	3238	7.434930e+18	2020-08-18	0	0	8	A	31
##	3239	7.435856e+18	2020-08-17	0	0	2	B	0
##	3240	7.437594e+17	2020-08-11	0	0	1	A	44
##	3241	7.444633e+18	2020-08-16	0	0	1	A	0
##	3242	7.446760e+18	2020-08-12	0	0	30	C	59
##	3243	7.449010e+18	2020-08-12	0	0	5	C	39
##	3244	7.452402e+17	2020-08-12	0	0	34	A	0
##	3245	7.466766e+16	2020-08-14	0	0	2	A	0

##	3246	7.474573e+18	2020-08-10	0	0	5	D	141
##	3247	7.485324e+18	2020-08-15	0	0	1	E	0
##	3248	7.486304e+18	2020-08-13	0	0	2	C	0
##	3249	7.489006e+18	2020-08-14	0	0	2	G	109
##	3250	7.499064e+18	2020-08-16	0	0	10	A	33
##	3251	7.510039e+18	2020-08-16	0	0	4	D	49
##	3252	7.511396e+18	2020-08-12	0	0	49	A	0
##	3253	7.514065e+18	2020-08-17	0	0	9	A	0
##	3254	7.523767e+18	2020-08-14	0	0	2	A	15
##	3255	7.528251e+18	2020-08-16	0	0	1	D	84
##	3256	7.546260e+18	2020-08-18	1	739	117	C	0
##	3257	7.553898e+18	2020-08-15	0	0	14	A	0
##	3258	7.556491e+18	2020-08-17	0	0	10	D	106
##	3259	7.565522e+18	2020-08-18	0	0	3	E	0
##	3260	7.565933e+18	2020-08-14	0	0	2	A	0
##	3261	7.569945e+18	2020-08-10	0	0	1	A	0
##	3262	7.572206e+18	2020-08-19	0	0	1	B	0
##	3263	7.575848e+18	2020-08-18	0	0	1	C	71
##	3264	7.577124e+18	2020-08-15	0	0	1	A	62
##	3265	7.577491e+18	2020-08-15	0	0	9	G	50
##	3266	7.591820e+18	2020-08-13	0	0	2	A	65
##	3267	7.593885e+18	2020-08-18	0	0	1	E	0
##	3268	7.595094e+18	2020-08-17	0	0	2	A	129
##	3269	7.608038e+17	2020-08-17	0	0	17	D	72
##	3270	7.610186e+18	2020-08-20	0	0	5	A	0
##	3271	7.612893e+18	2020-08-17	0	0	19	B	0
##	3272	7.618859e+18	2020-08-13	0	0	21	C	58
##	3273	7.635394e+18	2020-08-14	0	0	2	A	13
##	3274	7.637789e+18	2020-08-10	0	0	34	A	45
##	3275	7.642339e+18	2020-08-14	0	0	4	A	0
##	3276	7.645990e+18	2020-08-15	0	0	2	A	40
##	3277	7.646341e+18	2020-08-19	0	0	1	A	51
##	3278	7.651573e+18	2020-08-17	0	0	6	C	10
##	3279	7.661673e+18	2020-08-16	0	0	30	A	0
##	3280	7.662268e+17	2020-08-16	0	0	2	A	0
##	3281	7.664059e+18	2020-08-15	0	0	1	A	40
##	3282	7.667383e+17	2020-08-19	0	0	13	A	0
##	3283	7.668046e+18	2020-08-17	0	0	4	B	0
##	3284	7.669553e+18	2020-08-11	0	0	3	A	18
##	3285	7.676290e+18	2020-08-20	0	0	2	A	100
##	3286	7.680807e+17	2020-08-17	0	0	1	F	72
##	3287	7.682866e+18	2020-08-14	0	0	1	B	57
##	3288	7.684290e+18	2020-08-15	0	0	22	B	50
##	3289	7.696480e+18	2020-08-12	0	0	6	B	39
##	3290	7.699336e+18	2020-08-11	0	0	2	A	108
##	3291	7.708710e+18	2020-08-10	0	0	13	B	41
##	3292	7.709203e+18	2020-08-13	0	0	3	D	138
##	3293	7.713928e+18	2020-08-17	0	0	19	B	0
##	3294	7.714546e+18	2020-08-15	0	0	9	A	0
##	3295	7.717834e+18	2020-08-11	0	0	14	<NA>	4
##	3296	7.719391e+18	2020-08-17	0	0	10	A	129
##	3297	7.721533e+18	2020-08-16	0	0	8	A	33
##	3298	7.726962e+18	2020-08-17	0	0	1	A	38
##	3299	7.729974e+18	2020-08-16	0	0	6	A	0

##	3300	7.732278e+18	2020-08-13	0	0	5	A	0
##	3301	7.737503e+18	2020-08-12	0	0	1	A	0
##	3302	7.740033e+18	2020-08-18	0	0	1	A	0
##	3303	7.745941e+18	2020-08-18	0	0	3	A	37
##	3304	7.748144e+18	2020-08-15	0	0	14	F	36
##	3305	7.749485e+18	2020-08-14	0	0	18	G	51
##	3306	7.752831e+18	2020-08-12	0	0	10	F	0
##	3307	7.756706e+18	2020-08-10	0	0	2	A	17
##	3308	7.761927e+18	2020-08-19	0	0	10	A	36
##	3309	7.761960e+18	2020-08-13	0	0	1	A	42
##	3310	7.766191e+18	2020-08-12	1	398	11	D	0
##	3311	7.771926e+18	2020-08-17	0	0	2	A	38
##	3312	7.773339e+18	2020-08-20	0	0	1	C	69
##	3313	7.774221e+18	2020-08-20	0	0	6	A	8
##	3314	7.778065e+18	2020-08-20	0	0	3	A	141
##	3315	7.779455e+18	2020-08-18	0	0	4	D	0
##	3316	7.780333e+18	2020-08-19	0	0	1	E	127
##	3317	7.789278e+18	2020-08-16	0	0	9	C	81
##	3318	7.793977e+18	2020-08-15	0	0	2	A	31
##	3319	7.800180e+18	2020-08-11	0	0	1	A	0
##	3320	7.809019e+18	2020-08-19	0	0	23	<NA>	0
##	3321	7.811938e+18	2020-08-19	0	0	9	A	0
##	3322	7.814907e+17	2020-08-13	0	0	2	A	62
##	3323	7.816687e+17	2020-08-16	0	0	8	E	0
##	3324	7.818807e+18	2020-08-18	0	0	18	A	52
##	3325	7.819715e+17	2020-08-13	0	0	10	A	0
##	3326	7.831184e+18	2020-08-15	1	1339	5	A	65
##	3327	7.831320e+18	2020-08-11	0	0	4	A	16
##	3328	7.842665e+18	2020-08-10	1	739	146	C	0
##	3329	7.844158e+18	2020-08-19	0	0	1	A	0
##	3330	7.848343e+17	2020-08-16	0	0	12	C	81
##	3331	7.852788e+18	2020-08-12	0	0	7	D	39
##	3332	7.856647e+18	2020-08-14	0	0	2	A	0
##	3333	7.856913e+18	2020-08-20	0	0	5	<NA>	0
##	3334	7.861040e+18	2020-08-13	0	0	2	A	0
##	3335	7.862834e+17	2020-08-12	0	0	5	A	0
##	3336	7.868715e+18	2020-08-17	0	0	3	A	53
##	3337	7.869887e+18	2020-08-14	0	0	7	A	0
##	3338	7.880114e+18	2020-08-12	0	0	1	A	141
##	3339	7.880707e+18	2020-08-10	0	0	16	A	65
##	3340	7.887109e+18	2020-08-17	0	0	8	A	0
##	3341	7.887417e+18	2020-08-17	0	0	8	D	0
##	3342	7.889684e+18	2020-08-18	0	0	5	C	65
##	3343	7.893561e+18	2020-08-19	0	0	8	A	0
##	3344	7.899009e+18	2020-08-17	0	0	5	E	0
##	3345	7.899761e+18	2020-08-17	0	0	1	A	141
##	3346	7.901546e+18	2020-08-14	0	0	2	A	0
##	3347	7.908537e+18	2020-08-12	0	0	11	G	159
##	3348	7.914418e+18	2020-08-10	0	0	3	D	0
##	3349	7.915887e+18	2020-08-17	0	0	2	D	0
##	3350	7.916509e+17	2020-08-14	0	0	28	A	13
##	3351	7.917630e+18	2020-08-19	0	0	3	A	8
##	3352	7.940163e+18	2020-08-17	0	0	2	A	0
##	3353	7.953371e+18	2020-08-14	1	499	43	B	37

##	3354	7.964293e+18	2020-08-17	0	0	2	D	72
##	3355	7.965620e+18	2020-08-13	0	0	17	A	42
##	3356	7.971804e+18	2020-08-13	0	0	6	B	38
##	3357	7.988949e+18	2020-08-15	0	0	2	A	0
##	3358	7.991096e+18	2020-08-12	0	0	20	F	39
##	3359	7.998947e+18	2020-08-11	0	0	36	A	16
##	3360	7.999709e+18	2020-08-17	0	0	13	B	34
##	3361	8.665018e+18	2020-08-17	0	0	56	F	48
##	3362	8.001160e+18	2020-08-17	0	0	2	G	208
##	3363	8.002405e+18	2020-08-14	0	0	34	F	105
##	3364	8.002984e+18	2020-08-16	0	0	7	A	54
##	3365	8.003383e+18	2020-08-10	0	0	9	<NA>	0
##	3366	8.004076e+18	2020-08-13	0	0	4	C	14
##	3367	8.007180e+18	2020-08-17	0	0	1	A	53
##	3368	8.033966e+18	2020-08-15	0	0	10	A	141
##	3369	8.035954e+18	2020-08-18	0	0	3	D	0
##	3370	8.048581e+18	2020-08-16	0	0	10	A	55
##	3371	8.050069e+18	2020-08-11	0	0	26	A	0
##	3372	8.059834e+17	2020-08-15	0	0	1	A	40
##	3373	8.062663e+17	2020-08-15	0	0	1	A	13
##	3374	8.064840e+18	2020-08-11	0	0	21	C	81
##	3375	8.065416e+18	2020-08-19	0	0	22	C	27
##	3376	8.067233e+18	2020-08-17	0	0	8	A	53
##	3377	8.075404e+17	2020-08-12	0	0	1	A	89
##	3378	8.076179e+18	2020-08-20	0	0	5	D	0
##	3379	8.081003e+18	2020-08-13	0	0	4	D	0
##	3380	8.092093e+18	2020-08-15	0	0	4	G	223
##	3381	8.094714e+18	2020-08-14	0	0	1	A	65
##	3382	8.100122e+17	2020-08-19	0	0	1	A	0
##	3383	8.100454e+18	2020-08-12	0	0	28	A	0
##	3384	8.106075e+18	2020-08-11	0	0	26	A	16
##	3385	8.106287e+18	2020-08-11	0	0	17	A	0
##	3386	8.106377e+18	2020-08-11	0	0	45	A	0
##	3387	8.107859e+18	2020-08-11	0	0	2	A	0
##	3388	8.110731e+18	2020-08-14	0	0	11	F	0
##	3389	8.110885e+18	2020-08-19	1	899	21	C	0
##	3390	8.113499e+18	2020-08-20	0	0	1	A	35
##	3391	8.115669e+18	2020-08-10	0	0	1	A	0
##	3392	8.115915e+18	2020-08-12	0	0	1	E	134
##	3393	8.116123e+18	2020-08-16	0	0	4	A	0
##	3394	8.130562e+18	2020-08-13	0	0	24	C	58
##	3395	8.138662e+18	2020-08-11	0	0	9	F	109
##	3396	8.141617e+18	2020-08-14	0	0	18	A	0
##	3397	8.143949e+18	2020-08-15	0	0	1	A	0
##	3398	8.143994e+18	2020-08-18	0	0	3	A	28
##	3399	8.144246e+17	2020-08-16	1	989	52	A	0
##	3400	8.159704e+18	2020-08-16	1	1729	8	A	0
##	3401	8.161941e+18	2020-08-18	0	0	2	G	208
##	3402	8.163425e+18	2020-08-14	0	0	37	F	37
##	3403	8.167109e+16	2020-08-15	0	0	16	<NA>	0
##	3404	8.167116e+18	2020-08-12	0	0	2	D	0
##	3405	8.172947e+18	2020-08-18	0	0	20	B	0
##	3406	8.173611e+18	2020-08-16	0	0	5	A	33
##	3407	8.178739e+18	2020-08-16	0	0	32	B	0

##	3408	8.185758e+18	2020-08-17	0	0	1	<NA>	81
##	3409	8.192011e+18	2020-08-10	0	0	3	D	0
##	3410	8.193290e+18	2020-08-12	0	0	33	F	15
##	3411	8.204230e+17	2020-08-11	0	0	2	A	90
##	3412	8.211551e+18	2020-08-17	0	0	3	B	34
##	3413	8.215334e+18	2020-08-12	0	0	1	A	0
##	3414	8.221568e+18	2020-08-19	0	0	18	B	0
##	3415	8.223072e+18	2020-08-17	0	0	1	A	38
##	3416	8.223337e+18	2020-08-10	0	0	5	E	18
##	3417	8.227283e+18	2020-08-17	0	0	6	D	0
##	3418	8.230593e+18	2020-08-19	0	0	9	F	101
##	3419	8.231115e+18	2020-08-20	0	0	2	A	0
##	3420	8.231582e+18	2020-08-20	0	0	10	B	0
##	3421	8.238008e+18	2020-08-17	0	0	6	A	103
##	3422	8.239642e+17	2020-08-12	0	0	3	A	0
##	3423	8.245665e+18	2020-08-12	0	0	5	A	0
##	3424	8.248904e+17	2020-08-17	0	0	2	F	0
##	3425	8.252997e+18	2020-08-13	0	0	22	B	81
##	3426	8.262759e+18	2020-08-17	0	0	4	C	72
##	3427	8.272898e+18	2020-08-16	0	0	9	A	0
##	3428	8.282085e+18	2020-08-16	0	0	2	D	0
##	3429	8.282117e+18	2020-08-20	0	0	2	D	0
##	3430	8.287692e+18	2020-08-15	0	0	4	A	0
##	3431	8.288853e+18	2020-08-11	0	0	11	C	0
##	3432	8.292690e+18	2020-08-11	0	0	8	A	44
##	3433	8.305647e+18	2020-08-13	0	0	14	B	0
##	3434	8.313684e+18	2020-08-18	0	0	9	A	9
##	3435	8.324885e+18	2020-08-13	0	0	3	A	0
##	3436	8.332206e+18	2020-08-16	0	0	4	A	0
##	3437	8.335720e+18	2020-08-10	0	0	59	B	41
##	3438	8.337848e+18	2020-08-12	0	0	7	A	108
##	3439	8.344489e+18	2020-08-17	0	0	31	A	53
##	3440	8.345390e+18	2020-08-20	0	0	8	A	50
##	3441	8.347616e+18	2020-08-18	0	0	6	A	0
##	3442	8.350776e+18	2020-08-17	0	0	1	<NA>	29
##	3443	8.361649e+18	2020-08-19	0	0	5	C	208
##	3444	8.362061e+17	2020-08-10	1	599	29	B	41
##	3445	8.367628e+18	2020-08-18	0	0	13	F	102
##	3446	8.371797e+18	2020-08-12	0	0	5	D	0
##	3447	8.372691e+18	2020-08-20	0	0	2	A	81
##	3448	8.374136e+18	2020-08-19	0	0	2	A	36
##	3449	8.374809e+18	2020-08-13	0	0	27	A	0
##	3450	8.385826e+18	2020-08-18	0	0	35	A	37
##	3451	8.388813e+18	2020-08-18	0	0	4	A	28
##	3452	8.390325e+18	2020-08-18	0	0	2	A	37
##	3453	8.407988e+18	2020-08-14	0	0	15	F	0
##	3454	8.409048e+18	2020-08-14	0	0	1	D	37
##	3455	8.424142e+18	2020-08-16	0	0	1	A	0
##	3456	8.427921e+18	2020-08-19	0	0	91	A	0
##	3457	8.440934e+18	2020-08-17	0	0	5	A	141
##	3458	8.441380e+18	2020-08-15	0	0	33	A	31
##	3459	8.447005e+18	2020-08-19	0	0	35	A	51
##	3460	8.447059e+18	2020-08-15	0	0	2	A	62
##	3461	8.452745e+18	2020-08-10	0	0	1	A	0

##	3462	8.454003e+18	2020-08-14	0	0	11	F	106
##	3463	8.455254e+18	2020-08-10	0	0	8	A	45
##	3464	8.455860e+17	2020-08-11	0	0	22	F	16
##	3465	8.463513e+18	2020-08-11	0	0	4	A	0
##	3466	8.469272e+18	2020-08-17	0	0	28	B	72
##	3467	8.469887e+18	2020-08-20	0	0	4	A	0
##	3468	8.472394e+18	2020-08-20	0	0	20	C	0
##	3469	8.472968e+18	2020-08-20	0	0	16	G	103
##	3470	8.473833e+18	2020-08-20	0	0	1	A	29
##	3471	8.475500e+18	2020-08-12	0	0	1	A	15
##	3472	8.484053e+18	2020-08-20	0	0	20	A	0
##	3473	8.487247e+18	2020-08-11	0	0	4	F	141
##	3474	8.487770e+18	2020-08-17	0	0	4	A	0
##	3475	8.502334e+18	2020-08-18	0	0	2	B	0
##	3476	8.502405e+16	2020-08-18	1	569	6	A	52
##	3477	8.503918e+18	2020-08-20	0	0	2	A	0
##	3478	8.505223e+18	2020-08-12	0	0	26	F	53
##	3479	8.507542e+18	2020-08-10	0	0	3	A	19
##	3480	8.507750e+17	2020-08-12	0	0	2	A	0
##	3481	8.512435e+18	2020-08-13	0	0	8	A	0
##	3482	8.512809e+18	2020-08-14	0	0	27	B	0
##	3483	8.519240e+18	2020-08-17	0	0	1	A	29
##	3484	8.525041e+18	2020-08-17	0	0	1	A	38
##	3485	8.542795e+18	2020-08-15	0	0	31	C	14
##	3486	8.544507e+18	2020-08-18	0	0	1	A	0
##	3487	8.546847e+18	2020-08-15	0	0	10	A	0
##	3488	8.553019e+18	2020-08-11	0	0	6	B	0
##	3489	8.558187e+18	2020-08-12	0	0	3	E	16
##	3490	8.559059e+18	2020-08-13	0	0	27	A	0
##	3491	8.572364e+18	2020-08-12	0	0	3	A	0
##	3492	8.572905e+18	2020-08-20	1	1499	32	A	8
##	3493	8.573840e+18	2020-08-20	0	0	7	A	0
##	3494	8.574016e+18	2020-08-18	0	0	7	A	28
##	3495	8.575745e+18	2020-08-11	0	0	4	B	0
##	3496	8.578718e+18	2020-08-16	0	0	17	F	33
##	3497	8.582187e+18	2020-08-17	0	0	2	A	0
##	3498	8.588737e+18	2020-08-12	0	0	5	G	53
##	3499	8.590432e+18	2020-08-17	0	0	2	B	0
##	3500	8.593902e+18	2020-08-15	0	0	9	A	105
##	3501	8.602060e+18	2020-08-11	0	0	3	A	92
##	3502	8.613534e+18	2020-08-18	0	0	9	A	0
##	3503	8.615790e+18	2020-08-20	0	0	2	A	141
##	3504	8.619817e+18	2020-08-16	0	0	2	A	12
##	3505	8.620715e+18	2020-08-14	0	0	23	C	0
##	3506	8.622877e+18	2020-08-15	0	0	19	C	0
##	3507	8.630615e+18	2020-08-17	0	0	3	A	0
##	3508	8.632911e+18	2020-08-18	0	0	2	A	0
##	3509	8.634901e+17	2020-08-17	0	0	51	C	34
##	3510	8.634950e+18	2020-08-11	0	0	1	A	0
##	3511	8.646678e+18	2020-08-14	0	0	2	A	13
##	3512	8.647906e+18	2020-08-14	0	0	18	A	0
##	3513	8.651426e+18	2020-08-17	1	739	126	C	0
##	3514	8.654536e+18	2020-08-18	1	699	1	F	0
##	3515	8.655789e+18	2020-08-10	0	0	10	C	62

##	3516	8.657590e+18	2020-08-12	0	0	1	A	0
##	3517	8.658803e+18	2020-08-19	0	0	9	A	36
##	3518	8.659361e+18	2020-08-15	0	0	21	A	13
##	3519	8.662244e+18	2020-08-15	0	0	40	A	40
##	3520	8.667133e+18	2020-08-17	0	0	1	A	38
##	3521	8.668068e+18	2020-08-12	0	0	1	D	16
##	3522	8.673800e+18	2020-08-16	0	0	3	A	54
##	3523	8.677883e+18	2020-08-15	0	0	1	D	0
##	3524	8.678770e+18	2020-08-18	0	0	3	B	71
##	3525	8.681231e+18	2020-08-12	0	0	7	B	77
##	3526	8.687854e+18	2020-08-13	0	0	6	E	0
##	3527	8.701944e+15	2020-08-15	0	0	1	A	0
##	3528	8.707128e+18	2020-08-12	0	0	1	A	15
##	3529	8.707152e+17	2020-08-18	0	0	5	D	0
##	3530	8.711614e+18	2020-08-13	0	0	17	F	42
##	3531	8.739258e+18	2020-08-12	0	0	5	C	59
##	3532	8.742201e+18	2020-08-11	0	0	3	A	92
##	3533	8.744661e+18	2020-08-19	0	0	3	D	65
##	3534	8.745350e+18	2020-08-12	0	0	11	A	43
##	3535	8.752346e+18	2020-08-17	0	0	18	D	32
##	3536	8.757853e+18	2020-08-12	0	0	1	D	0
##	3537	8.759252e+18	2020-08-19	2	1578	35	C	32
##	3538	8.760185e+17	2020-08-11	0	0	4	A	141
##	3539	8.760669e+18	2020-08-20	0	0	3	C	81
##	3540	8.783313e+18	2020-08-11	1	1339	50	A	16
##	3541	8.786289e+18	2020-08-11	0	0	19	A	16
##	3542	8.788476e+18	2020-08-13	0	0	8	A	14
##	3543	8.790055e+18	2020-08-19	0	0	22	B	46
##	3544	8.794869e+18	2020-08-10	0	0	1	A	0
##	3545	8.799856e+18	2020-08-18	0	0	2	A	0
##	3546	8.809952e+18	2020-08-14	0	0	3	A	0
##	3547	8.810263e+18	2020-08-16	0	0	16	C	0
##	3548	8.823384e+18	2020-08-11	0	0	9	A	0
##	3549	8.823932e+18	2020-08-14	0	0	23	C	0
##	3550	8.824384e+18	2020-08-16	0	0	3	A	12
##	3551	8.829191e+18	2020-08-10	0	0	44	A	0
##	3552	8.830259e+18	2020-08-15	0	0	1	E	0
##	3553	8.832317e+18	2020-08-15	0	0	7	A	0
##	3554	8.837698e+17	2020-08-12	0	0	2	A	0
##	3555	8.845209e+18	2020-08-19	0	0	3	A	0
##	3556	8.847288e+18	2020-08-13	0	0	1	A	0
##	3557	8.850687e+18	2020-08-19	0	0	3	D	0
##	3558	8.852793e+18	2020-08-19	0	0	3	B	208
##	3559	8.855921e+18	2020-08-15	0	0	11	A	0
##	3560	8.859086e+18	2020-08-17	0	0	13	A	0
##	3561	8.866757e+18	2020-08-12	0	0	5	A	0
##	3562	8.869670e+18	2020-08-10	0	0	14	C	0
##	3563	8.882804e+18	2020-08-14	0	0	3	E	0
##	3564	8.886337e+17	2020-08-16	0	0	3	A	39
##	3565	8.890768e+18	2020-08-13	0	0	21	C	0
##	3566	8.891396e+18	2020-08-11	0	0	1	A	0
##	3567	8.894885e+18	2020-08-16	0	0	2	D	0
##	3568	8.907762e+18	2020-08-13	0	0	6	A	42
##	3569	8.908233e+18	2020-08-20	0	0	8	A	141

##	3570	8.915473e+18	2020-08-14	0	0	15	F	0
##	3571	8.917064e+18	2020-08-19	0	0	5	F	0
##	3572	8.919304e+18	2020-08-11	0	0	1	A	90
##	3573	8.919599e+18	2020-08-10	0	0	8	D	65
##	3574	8.923815e+18	2020-08-13	0	0	1	A	42
##	3575	8.924188e+18	2020-08-18	0	0	2	F	0
##	3576	8.931912e+18	2020-08-11	0	0	5	A	92
##	3577	8.933929e+18	2020-08-20	0	0	2	E	0
##	3578	8.940403e+18	2020-08-15	0	0	10	F	0
##	3579	8.941127e+18	2020-08-11	0	0	2	A	0
##	3580	8.947083e+18	2020-08-18	0	0	6	A	128
##	3581	8.961811e+18	2020-08-14	0	0	2	A	65
##	3582	8.965633e+18	2020-08-18	0	0	6	A	52
##	3583	8.967250e+18	2020-08-20	0	0	1	F	26
##	3584	8.968771e+18	2020-08-15	0	0	2	D	136
##	3585	8.973100e+18	2020-08-19	0	0	43	B	0
##	3586	8.977094e+18	2020-08-14	1	549	8	A	0
##	3587	8.980079e+18	2020-08-14	0	0	13	A	14
##	3588	8.990439e+18	2020-08-10	0	0	7	D	41
##	3589	8.992087e+17	2020-08-18	0	0	11	C	71
##	3590	8.996578e+18	2020-08-18	0	0	4	D	10
##	3591	8.999932e+18	2020-08-10	0	0	1	A	0
##	3592	9.142813e+18	2020-08-14	0	0	4	B	0
##	3593	9.001728e+18	2020-08-15	0	0	1	A	40
##	3594	9.004561e+18	2020-08-20	0	0	29	B	81
##	3595	9.006144e+17	2020-08-11	0	0	2	A	18
##	3596	9.006312e+18	2020-08-11	0	0	2	A	0
##	3597	9.010411e+18	2020-08-10	0	0	8	C	0
##	3598	9.015626e+18	2020-08-20	0	0	6	A	0
##	3599	9.017642e+18	2020-08-19	0	0	1	D	0
##	3600	9.022555e+17	2020-08-15	0	0	26	C	62
##	3601	9.023294e+18	2020-08-12	0	0	20	B	53
##	3602	9.024759e+18	2020-08-20	0	0	5	C	0
##	3603	9.028005e+18	2020-08-14	0	0	1	B	0
##	3604	9.037833e+18	2020-08-15	0	0	34	B	36
##	3605	9.045284e+18	2020-08-10	0	0	5	C	208
##	3606	9.047726e+18	2020-08-12	0	0	8	A	0
##	3607	9.050610e+18	2020-08-14	0	0	3	A	0
##	3608	9.061590e+18	2020-08-10	0	0	2	A	0
##	3609	9.061861e+18	2020-08-14	0	0	5	C	81
##	3610	9.077124e+18	2020-08-16	0	0	2	A	39
##	3611	9.077412e+18	2020-08-18	0	0	6	A	0
##	3612	9.084739e+18	2020-08-14	0	0	13	<NA>	0
##	3613	9.093942e+18	2020-08-14	0	0	4	D	0
##	3614	9.108125e+18	2020-08-13	0	0	3	B	0
##	3615	9.110496e+18	2020-08-12	0	0	3	B	0
##	3616	9.114113e+18	2020-08-20	0	0	3	A	29
##	3617	9.126195e+18	2020-08-10	0	0	4	B	0
##	3618	9.127453e+18	2020-08-14	0	0	22	C	81
##	3619	9.127668e+17	2020-08-19	0	0	6	A	70
##	3620	9.133579e+18	2020-08-10	0	0	17	A	65
##	3621	9.137444e+18	2020-08-14	0	0	7	C	51
##	3622	9.139176e+18	2020-08-13	0	0	2	G	52
##	3623	9.143400e+18	2020-08-16	0	0	23	C	30

## 3624	9.148269e+18	2020-08-14	0	0	9	A	41
## 3625	9.149014e+18	2020-08-20	0	0	6	A	0
## 3626	9.154303e+18	2020-08-16	0	0	2	E	0
## 3627	9.154760e+17	2020-08-18	0	0	4	D	71
## 3628	9.159652e+18	2020-08-18	0	0	1	A	52
## 3629	9.160976e+18	2020-08-20	0	0	5	A	0
## 3630	9.167836e+18	2020-08-12	0	0	5	A	0
## 3631	9.172686e+18	2020-08-10	0	0	3	A	45
## 3632	9.174815e+18	2020-08-17	0	0	2	A	0
## 3633	9.180842e+18	2020-08-14	0	0	2	A	0
## 3634	9.184196e+18	2020-08-20	0	0	2	C	0
## 3635	9.187753e+18	2020-08-18	0	0	2	A	37
## 3636	9.189387e+18	2020-08-13	0	0	6	A	0
## 3637	9.190266e+18	2020-08-19	1	939	44	C	0
## 3638	9.194221e+17	2020-08-17	0	0	3	G	83
## 3639	9.197518e+17	2020-08-11	0	0	2	A	0
## 3640	9.198534e+18	2020-08-14	0	0	1	A	141
## 3641	9.199312e+17	2020-08-10	0	0	1	A	45
## 3642	9.201995e+18	2020-08-19	0	0	2	A	36
## 3643	9.203847e+18	2020-08-14	0	0	8	A	0
## 3644	9.211661e+18	2020-08-16	0	0	7	A	33
## 3645	9.214252e+18	2020-08-16	0	0	6	B	81
## 3646	9.215501e+18	2020-08-11	0	0	6	A	0
## 3647	9.221085e+18	2020-08-19	0	0	4	C	70
## 3648	9.232317e+18	2020-08-19	0	0	1	E	0
## 3649	9.235771e+18	2020-08-13	0	0	4	A	0
## 3650	9.237171e+18	2020-08-12	0	0	10	A	43
## 3651	9.237470e+18	2020-08-13	0	0	11	A	15
## 3652	9.238648e+18	2020-08-15	0	0	14	A	131
## 3653	9.240907e+18	2020-08-10	0	0	5	A	0
## 3654	9.247029e+18	2020-08-10	0	0	1	A	0
## 3655	9.254134e+18	2020-08-16	0	0	4	D	49
## 3656	9.257778e+17	2020-08-13	0	0	28	A	0
## 3657	9.260333e+18	2020-08-14	0	0	42	B	0
## 3658	9.268384e+18	2020-08-10	0	0	11	D	55
## 3659	9.269710e+18	2020-08-14	0	0	1	A	15
## 3660	9.271908e+18	2020-08-11	0	0	1	E	99
## 3661	9.273439e+17	2020-08-18	0	0	3	A	0
## 3662	9.282931e+18	2020-08-16	0	0	5	D	0
## 3663	9.283893e+18	2020-08-15	0	0	12	B	56
## 3664	9.285840e+18	2020-08-11	0	0	2	A	0
## 3665	9.286254e+18	2020-08-13	0	0	2	D	158
## 3666	9.293938e+18	2020-08-17	0	0	2	A	0
## 3667	9.298889e+18	2020-08-20	0	0	3	D	0
## 3668	9.306342e+18	2020-08-12	0	0	12	A	0
## 3669	9.309892e+18	2020-08-19	0	0	9	C	46
## 3670	9.310804e+18	2020-08-13	0	0	14	G	52
## 3671	9.319293e+18	2020-08-10	0	0	2	A	93
## 3672	9.321535e+18	2020-08-19	0	0	4	A	30
## 3673	9.325707e+18	2020-08-14	0	0	8	B	37
## 3674	9.362271e+18	2020-08-13	0	0	13	A	0
## 3675	9.362726e+18	2020-08-17	0	0	11	D	154
## 3676	9.363085e+18	2020-08-10	0	0	9	A	45
## 3677	9.370120e+18	2020-08-15	0	0	8	G	208

##	3678	9.370373e+18	2020-08-16	0	0	1	A	54
##	3679	9.372593e+18	2020-08-11	0	0	22	B	0
##	3680	9.376923e+18	2020-08-17	0	0	4	A	0
##	3681	9.377315e+18	2020-08-15	1	399	44	B	36
##	3682	9.380404e+18	2020-08-11	0	0	27	G	0
##	3683	9.382236e+18	2020-08-18	0	0	13	C	9
##	3684	9.397807e+18	2020-08-18	0	0	2	A	37
##	3685	9.404400e+18	2020-08-16	0	0	10	F	0
##	3686	9.409323e+18	2020-08-11	0	0	1	A	0
##	3687	9.413320e+18	2020-08-18	0	0	3	A	0
##	3688	9.420476e+18	2020-08-12	0	0	3	A	108
##	3689	9.423404e+18	2020-08-11	0	0	4	A	0
##	3690	9.425383e+18	2020-08-11	0	0	8	D	54
##	3691	9.426955e+18	2020-08-19	0	0	5	C	118
##	3692	9.449628e+18	2020-08-14	0	0	2	A	0
##	3693	9.457596e+18	2020-08-15	0	0	3	A	0
##	3694	9.458520e+17	2020-08-14	0	0	2	A	65
##	3695	9.463702e+18	2020-08-18	0	0	9	B	33
##	3696	9.465902e+18	2020-08-16	0	0	6	A	0
##	3697	9.469189e+18	2020-08-19	0	0	22	A	51
##	3698	9.475900e+18	2020-08-15	0	0	1	E	0
##	3699	9.477403e+18	2020-08-10	0	0	63	A	45
##	3700	9.479994e+18	2020-08-20	0	0	6	C	81
##	3701	9.481846e+18	2020-08-10	0	0	2	A	17
##	3702	9.482343e+17	2020-08-19	0	0	9	A	9
##	3703	9.482407e+18	2020-08-10	0	0	10	C	93
##	3704	9.489021e+18	2020-08-16	0	0	26	B	0
##	3705	9.499207e+18	2020-08-19	0	0	5	A	0
##	3706	9.504249e+18	2020-08-20	0	0	8	A	0
##	3707	9.506859e+18	2020-08-20	0	0	7	B	0
##	3708	9.521641e+18	2020-08-16	0	0	104	A	0
##	3709	9.525519e+18	2020-08-15	0	0	14	C	12
##	3710	9.525882e+16	2020-08-15	0	0	1	A	0
##	3711	9.527693e+18	2020-08-10	0	0	1	A	0
##	3712	9.529070e+18	2020-08-17	0	0	10	C	81
##	3713	9.541527e+18	2020-08-18	0	0	15	C	71
##	3714	9.545666e+18	2020-08-20	0	0	46	C	81
##	3715	9.546814e+18	2020-08-18	0	0	12	C	61
##	3716	9.549216e+18	2020-08-18	0	0	5	A	0
##	3717	9.555946e+18	2020-08-19	0	0	2	D	0
##	3718	9.556788e+18	2020-08-16	0	0	1	E	0
##	3719	9.562962e+18	2020-08-19	0	0	5	A	0
##	3720	9.564457e+18	2020-08-20	0	0	3	C	208
##	3721	9.564987e+18	2020-08-14	0	0	25	A	0
##	3722	9.565658e+18	2020-08-20	0	0	7	A	0
##	3723	9.567176e+18	2020-08-17	0	0	22	F	102
##	3724	9.569770e+18	2020-08-12	0	0	4	C	0
##	3725	9.574675e+18	2020-08-13	0	0	3	B	0
##	3726	9.576185e+17	2020-08-19	0	0	24	F	32
##	3727	9.579115e+18	2020-08-10	0	0	2	A	0
##	3728	9.582277e+18	2020-08-11	0	0	2	<NA>	0
##	3729	9.587170e+18	2020-08-17	0	0	12	A	38
##	3730	9.587799e+18	2020-08-18	0	0	2	C	208
##	3731	9.590955e+18	2020-08-10	0	0	13	D	0

## 3732	9.593250e+17	2020-08-14	0	0	11	D	51
## 3733	9.595723e+18	2020-08-19	0	0	6	C	0
## 3734	9.595746e+18	2020-08-19	0	0	26	C	30
## 3735	9.596892e+18	2020-08-14	0	0	3	D	81
## 3736	9.597000e+18	2020-08-15	0	0	5	A	40
## 3737	9.597375e+17	2020-08-15	0	0	1	D	0
## 3738	9.598086e+18	2020-08-19	0	0	1	A	27
## 3739	9.599983e+18	2020-08-12	0	0	1	A	89
## 3740	9.601087e+18	2020-08-20	0	0	2	A	50
## 3741	9.602144e+18	2020-08-14	0	0	1	A	0
## 3742	9.606558e+18	2020-08-14	0	0	67	C	208
## 3743	9.610989e+18	2020-08-17	0	0	2	A	0
## 3744	9.612954e+18	2020-08-12	1	599	31	B	39
## 3745	9.616354e+18	2020-08-14	0	0	2	A	62
## 3746	9.618390e+18	2020-08-19	0	0	3	A	0
## 3747	9.622055e+18	2020-08-18	0	0	4	A	0
## 3748	9.637029e+18	2020-08-15	0	0	41	B	36
## 3749	9.640799e+18	2020-08-17	0	0	9	C	10
## 3750	9.641066e+18	2020-08-10	0	0	13	A	0
## 3751	9.643632e+17	2020-08-13	1	2159	8	A	0
## 3752	9.643767e+18	2020-08-14	0	0	38	A	0
## 3753	9.646110e+17	2020-08-18	0	0	1	A	37
## 3754	9.653617e+18	2020-08-15	0	0	11	C	56
## 3755	9.668391e+18	2020-08-11	0	0	6	A	17
## 3756	9.680330e+18	2020-08-14	0	0	1	A	0
## 3757	9.683596e+18	2020-08-16	0	0	3	A	0
## 3758	9.684289e+18	2020-08-13	0	0	34	<NA>	131
## 3759	9.694004e+18	2020-08-19	1	399	27	B	62
## 3760	9.694881e+18	2020-08-13	0	0	3	A	141
## 3761	9.694919e+17	2020-08-15	0	0	6	A	0
## 3762	9.698097e+18	2020-08-17	0	0	7	A	29
## 3763	9.698588e+18	2020-08-17	0	0	1	A	53
## 3764	9.698794e+18	2020-08-13	0	0	5	A	62
## 3765	9.703503e+17	2020-08-10	0	0	2	A	65
## 3766	9.705368e+17	2020-08-10	0	0	8	C	0
## 3767	9.724310e+18	2020-08-15	0	0	7	A	12
## 3768	9.725507e+18	2020-08-20	0	0	4	A	50
## 3769	9.733975e+17	2020-08-15	0	0	3	C	81
## 3770	9.734359e+18	2020-08-20	0	0	8	D	151
## 3771	9.734715e+18	2020-08-13	0	0	6	A	16
## 3772	9.739745e+18	2020-08-10	0	0	5	E	0
## 3773	9.741392e+18	2020-08-10	0	0	1	A	17
## 3774	9.747345e+18	2020-08-12	0	0	8	A	43
## 3775	9.749018e+18	2020-08-16	0	0	3	D	0
## 3776	9.751373e+18	2020-08-19	0	0	3	D	32
## 3777	9.759551e+18	2020-08-18	0	0	12	B	0
## 3778	9.764724e+18	2020-08-11	0	0	1	A	0
## 3779	9.766839e+18	2020-08-18	0	0	14	F	33
## 3780	9.768571e+18	2020-08-16	0	0	1	D	0
## 3781	9.771508e+18	2020-08-19	0	0	3	D	132
## 3782	9.774974e+18	2020-08-15	0	0	50	A	0
## 3783	9.775236e+18	2020-08-19	0	0	8	C	208
## 3784	9.789319e+18	2020-08-14	0	0	44	F	51
## 3785	9.789934e+18	2020-08-14	0	0	12	A	15

##	3786	9.794741e+18	2020-08-17	0	0	51	A	0
##	3787	9.796148e+18	2020-08-10	0	0	10	C	41
##	3788	9.797702e+17	2020-08-11	0	0	36	A	0
##	3789	9.800749e+18	2020-08-14	0	0	5	A	13
##	3790	9.804677e+17	2020-08-17	0	0	19	B	62
##	3791	9.810002e+18	2020-08-18	0	0	10	A	52
##	3792	9.814040e+18	2020-08-18	0	0	2	B	0
##	3793	9.820122e+17	2020-08-15	0	0	1	A	65
##	3794	9.841824e+18	2020-08-13	0	0	5	A	0
##	3795	9.844385e+18	2020-08-18	0	0	3	D	105
##	3796	9.844880e+18	2020-08-16	0	0	7	C	49
##	3797	9.849045e+18	2020-08-17	0	0	4	A	103
##	3798	9.851045e+18	2020-08-17	0	0	2	A	53
##	3799	9.856580e+17	2020-08-19	0	0	13	B	70
##	3800	9.859422e+18	2020-08-18	0	0	1	A	0
##	3801	9.860247e+18	2020-08-14	0	0	1	A	14
##	3802	9.861684e+18	2020-08-12	0	0	4	A	59
##	3803	9.869589e+18	2020-08-13	0	0	3	A	0
##	3804	9.879206e+18	2020-08-17	0	0	1	A	0
##	3805	9.884531e+18	2020-08-11	0	0	18	C	18
##	3806	9.893659e+18	2020-08-15	0	0	1	B	0
##	3807	9.898054e+18	2020-08-10	0	0	4	A	62
##	3808	9.898356e+18	2020-08-17	0	0	10	A	0
##	3809	9.898972e+18	2020-08-14	1	679	2	A	0
##	3810	9.901833e+18	2020-08-13	0	0	21	A	0
##	3811	9.902522e+18	2020-08-17	0	0	2	A	0
##	3812	9.903956e+18	2020-08-18	0	0	3	A	52
##	3813	9.910829e+18	2020-08-11	0	0	5	A	109
##	3814	9.911746e+18	2020-08-15	0	0	2	A	0
##	3815	9.918529e+17	2020-08-19	0	0	1	E	0
##	3816	9.922261e+18	2020-08-13	0	0	1	C	58
##	3817	9.925305e+18	2020-08-10	1	209	18	D	161
##	3818	9.929637e+18	2020-08-18	0	0	34	C	33
##	3819	9.932056e+18	2020-08-17	0	0	2	A	32
##	3820	9.934800e+18	2020-08-14	0	0	13	C	0
##	3821	9.937194e+18	2020-08-13	0	0	6	F	0
##	3822	9.938888e+18	2020-08-14	0	0	1	A	41
##	3823	9.941006e+18	2020-08-20	0	0	31	F	31
##	3824	9.944224e+18	2020-08-11	0	0	1	A	16
##	3825	9.949873e+18	2020-08-20	0	0	1	A	35
##	3826	9.952553e+18	2020-08-11	0	0	5	D	54
##	3827	9.957508e+18	2020-08-10	0	0	4	A	110
##	3828	9.962647e+18	2020-08-13	0	0	3	D	52
##	3829	9.963923e+18	2020-08-17	0	0	9	F	0
##	3830	9.967963e+18	2020-08-16	0	0	8	C	55
##	3831	9.969404e+18	2020-08-17	0	0	3	B	141
##	3832	9.973236e+18	2020-08-15	0	0	2	<NA>	31
##	3833	9.979839e+18	2020-08-13	0	0	5	A	0
##	3834	9.981237e+18	2020-08-10	0	0	27	C	41
##	3835	9.984243e+18	2020-08-12	0	0	2	A	0
##	3836	9.986856e+18	2020-08-17	0	0	6	A	72
##	3837	9.992661e+18	2020-08-14	0	0	5	A	0
##	3838	9.999647e+18	2020-08-17	0	0	3	B	0

```
# Calculate conversion rate
```

```
merged_data$conversion_rate <- merged_data$purchases / merged_data$views
```

```
# Remove rows with NA, NaN, or Inf values in 'conversion_rate'
```

```
cleaned_data <- merged_data %>%
```

```
  filter(!is.na(conversion_rate) & !is.nan(conversion_rate) & is.finite(conversion_rate))
```

```
cleaned_data
```

##	product	date	purchases	sales	views	category	leadtime
## 1	1.001496e+19	2020-08-11	0	0	9	B	0
## 2	1.007131e+19	2020-08-15	0	0	3	A	13
## 3	1.009407e+19	2020-08-15	0	0	30	C	0
## 4	1.018505e+19	2020-08-14	0	0	1	A	0
## 5	1.033200e+19	2020-08-12	0	0	1	E	0
## 6	1.037374e+19	2020-08-10	0	0	3	A	45
## 7	1.042241e+19	2020-08-14	0	0	8	A	15
## 8	1.043119e+19	2020-08-10	0	0	2	E	0
## 9	1.043279e+19	2020-08-12	0	0	3	D	0
## 10	1.050126e+19	2020-08-11	0	0	10	A	44
## 11	1.050848e+19	2020-08-15	0	0	5	D	0
## 12	1.064012e+19	2020-08-20	0	0	11	C	7
## 13	1.065184e+19	2020-08-14	0	0	1	E	0
## 14	1.065448e+19	2020-08-18	0	0	8	A	37
## 15	1.067274e+19	2020-08-12	0	0	2	D	0
## 16	1.072191e+19	2020-08-15	0	0	8	C	0
## 17	1.074350e+19	2020-08-14	0	0	15	A	13
## 18	1.074716e+19	2020-08-11	0	0	8	C	42
## 19	1.089763e+19	2020-08-14	0	0	1	D	0
## 20	1.108085e+19	2020-08-17	0	0	4	A	11
## 21	1.108878e+19	2020-08-10	0	0	49	B	81
## 22	1.118525e+19	2020-08-19	0	0	7	F	0
## 23	1.122460e+19	2020-08-15	0	0	2	A	0
## 24	1.125120e+19	2020-08-11	0	0	6	G	160
## 25	1.126054e+19	2020-08-20	1	1699	17	A	0
## 26	1.129345e+19	2020-08-15	0	0	1	B	0
## 27	1.131919e+19	2020-08-16	0	0	3	A	54
## 28	1.136773e+19	2020-08-19	0	0	1	A	9
## 29	1.140792e+19	2020-08-18	0	0	12	A	0
## 30	1.146044e+19	2020-08-17	0	0	2	A	10
## 31	1.147944e+19	2020-08-17	0	0	3	A	0
## 32	1.152645e+19	2020-08-15	0	0	1	D	0
## 33	1.157444e+19	2020-08-19	0	0	4	A	141
## 34	1.163561e+19	2020-08-13	0	0	6	A	141
## 35	1.163699e+19	2020-08-12	0	0	17	A	15
## 36	1.167079e+19	2020-08-18	0	0	6	A	0
## 37	1.168062e+19	2020-08-12	0	0	4	C	81
## 38	1.180276e+19	2020-08-12	0	0	3	A	15
## 39	1.183167e+19	2020-08-10	0	0	53	F	17
## 40	1.183467e+19	2020-08-19	0	0	45	A	0
## 41	1.184630e+19	2020-08-13	0	0	1	A	15
## 42	1.186865e+19	2020-08-16	0	0	26	A	12
## 43	1.188752e+19	2020-08-16	0	0	5	B	0

## 44	1.192222e+19	2020-08-11	0	0	8	C	42
## 45	1.192781e+19	2020-08-12	0	0	2	F	0
## 46	1.193522e+19	2020-08-20	0	0	1	A	7
## 47	1.201885e+19	2020-08-19	0	0	1	D	30
## 48	1.203017e+19	2020-08-15	0	0	20	A	65
## 49	1.204003e+19	2020-08-16	0	0	4	B	55
## 50	1.204814e+19	2020-08-16	0	0	1	A	0
## 51	1.206880e+19	2020-08-18	1	599	22	B	0
## 52	1.208259e+19	2020-08-14	0	0	46	A	41
## 53	1.210138e+19	2020-08-17	0	0	13	A	0
## 54	1.211708e+19	2020-08-19	0	0	1	B	32
## 55	1.214690e+19	2020-08-14	0	0	3	C	62
## 56	1.216011e+19	2020-08-16	0	0	3	A	54
## 57	1.233652e+19	2020-08-14	0	0	31	B	37
## 58	1.234798e+19	2020-08-20	1	149	2	B	0
## 59	1.235754e+19	2020-08-14	0	0	27	F	37
## 60	1.239653e+19	2020-08-17	0	0	1	A	38
## 61	1.243682e+19	2020-08-10	0	0	10	C	0
## 62	1.250547e+19	2020-08-13	0	0	3	A	0
## 63	1.252077e+19	2020-08-18	0	0	2	D	71
## 64	1.254919e+19	2020-08-18	0	0	43	B	0
## 65	1.259651e+19	2020-08-16	0	0	2	A	130
## 66	1.266993e+19	2020-08-16	0	0	2	A	0
## 67	1.269503e+19	2020-08-11	0	0	1	D	99
## 68	1.279337e+19	2020-08-14	0	0	89	C	0
## 69	1.279565e+19	2020-08-20	0	0	4	B	69
## 70	1.281333e+19	2020-08-11	0	0	3	A	109
## 71	1.282363e+19	2020-08-12	0	0	12	C	0
## 72	1.292501e+18	2020-08-11	0	0	1	A	90
## 73	1.296793e+19	2020-08-12	0	0	1	A	0
## 74	1.300346e+19	2020-08-19	0	0	4	A	36
## 75	1.312213e+19	2020-08-12	0	0	9	F	84
## 76	1.316945e+19	2020-08-11	0	0	14	B	40
## 77	1.317058e+19	2020-08-17	0	0	7	A	32
## 78	1.325441e+19	2020-08-12	0	0	1	A	108
## 79	1.344085e+19	2020-08-19	0	0	28	A	0
## 80	1.347750e+19	2020-08-17	0	0	6	D	0
## 81	1.348651e+19	2020-08-13	0	0	6	C	124
## 82	1.350887e+19	2020-08-13	0	0	1	A	0
## 83	1.351190e+19	2020-08-14	0	0	3	D	65
## 84	1.355119e+19	2020-08-14	0	0	3	G	37
## 85	1.357385e+19	2020-08-11	0	0	1	A	90
## 86	1.369969e+19	2020-08-17	0	0	5	C	10
## 87	1.371079e+19	2020-08-16	0	0	1	A	30
## 88	1.377121e+19	2020-08-19	1	169	4	B	32
## 89	1.381495e+19	2020-08-10	0	0	15	F	86
## 90	1.388232e+19	2020-08-11	0	0	3	A	18
## 91	1.389672e+19	2020-08-11	0	0	1	D	42
## 92	1.393479e+19	2020-08-18	0	0	3	G	71
## 93	1.404919e+19	2020-08-13	0	0	1	A	0
## 94	1.405332e+19	2020-08-15	0	0	38	<NA>	129
## 95	1.417043e+19	2020-08-13	0	0	10	F	14
## 96	1.418931e+19	2020-08-19	0	0	4	B	70
## 97	1.420919e+19	2020-08-10	1	249	7	D	41

## 98	1.421679e+19	2020-08-12	0	0	2	A	87
## 99	1.426715e+19	2020-08-13	0	0	3	A	42
## 100	1.431126e+19	2020-08-17	0	0	24	F	103
## 101	1.435548e+19	2020-08-16	0	0	12	A	54
## 102	1.435767e+19	2020-08-15	0	0	1	A	12
## 103	1.449765e+19	2020-08-11	0	0	53	C	208
## 104	1.464662e+19	2020-08-18	0	0	9	F	0
## 105	1.479523e+19	2020-08-20	0	0	3	C	7
## 106	1.484235e+19	2020-08-15	0	0	4	F	0
## 107	1.491418e+19	2020-08-12	0	0	1	A	0
## 108	1.495264e+19	2020-08-16	0	0	21	A	39
## 109	1.496373e+19	2020-08-17	0	0	6	C	120
## 110	1.497005e+19	2020-08-14	0	0	80	A	0
## 111	1.500946e+19	2020-08-17	0	0	6	A	38
## 112	1.503663e+19	2020-08-18	0	0	3	F	81
## 113	1.505711e+19	2020-08-13	0	0	1	A	0
## 114	1.509436e+19	2020-08-10	0	0	1	D	0
## 115	1.516850e+19	2020-08-14	0	0	8	A	0
## 116	1.517497e+19	2020-08-14	0	0	6	A	0
## 117	1.523909e+19	2020-08-17	0	0	5	A	0
## 118	1.526688e+18	2020-08-18	0	0	14	<NA>	0
## 119	1.533906e+19	2020-08-12	0	0	2	A	43
## 120	1.534786e+19	2020-08-18	0	0	4	A	141
## 121	1.549408e+19	2020-08-11	0	0	7	C	40
## 122	1.549572e+19	2020-08-18	0	0	7	A	0
## 123	1.550091e+19	2020-08-14	0	0	10	A	0
## 124	1.551890e+19	2020-08-20	0	0	5	C	69
## 125	1.552926e+19	2020-08-20	0	0	1	A	50
## 126	1.557873e+19	2020-08-16	0	0	2	D	0
## 127	1.577063e+19	2020-08-18	0	0	1	A	37
## 128	1.586302e+19	2020-08-20	0	0	9	A	0
## 129	1.588718e+19	2020-08-17	0	0	2	A	53
## 130	1.589532e+19	2020-08-17	0	0	79	C	208
## 131	1.591672e+19	2020-08-12	0	0	3	C	0
## 132	1.600647e+19	2020-08-19	0	0	10	A	0
## 133	1.603321e+19	2020-08-12	0	0	11	A	0
## 134	1.607473e+19	2020-08-18	0	0	2	D	31
## 135	1.608307e+19	2020-08-19	0	0	12	A	30
## 136	1.610829e+19	2020-08-13	0	0	17	C	58
## 137	1.613725e+19	2020-08-17	0	0	9	C	62
## 138	1.614084e+19	2020-08-13	0	0	2	D	0
## 139	1.616808e+19	2020-08-18	0	0	2	A	0
## 140	1.628041e+19	2020-08-17	0	0	1	A	0
## 141	1.628622e+19	2020-08-18	0	0	2	A	71
## 142	1.632645e+19	2020-08-19	0	0	4	A	100
## 143	1.647584e+19	2020-08-10	0	0	12	F	110
## 144	1.652978e+19	2020-08-15	0	0	46	A	0
## 145	1.668063e+19	2020-08-16	0	0	10	A	0
## 146	1.680589e+19	2020-08-10	0	0	23	A	17
## 147	1.681808e+19	2020-08-16	0	0	1	A	0
## 148	1.694520e+19	2020-08-16	0	0	6	A	39
## 149	1.701602e+19	2020-08-10	0	0	12	C	81
## 150	1.703879e+19	2020-08-19	0	0	2	A	0
## 151	1.706127e+19	2020-08-12	0	0	2	A	0

## 152	1.712232e+19	2020-08-12	0	0	4	B	59
## 153	1.712314e+19	2020-08-20	0	0	2	<NA>	0
## 154	1.714544e+19	2020-08-14	0	0	6	A	106
## 155	1.716121e+19	2020-08-12	0	0	4	A	0
## 156	1.719180e+19	2020-08-15	0	0	1	F	0
## 157	1.724413e+19	2020-08-17	0	0	4	D	83
## 158	1.727012e+19	2020-08-15	0	0	1	A	0
## 159	1.727758e+19	2020-08-13	0	0	5	A	107
## 160	1.729523e+19	2020-08-19	0	0	5	A	0
## 161	1.732256e+19	2020-08-15	0	0	7	B	74
## 162	1.734212e+19	2020-08-18	0	0	8	A	31
## 163	1.734961e+19	2020-08-18	0	0	22	C	33
## 164	1.736917e+19	2020-08-11	1	399	32	B	0
## 165	1.737240e+19	2020-08-12	0	0	2	F	17
## 166	1.750503e+19	2020-08-13	0	0	1	A	0
## 167	1.755093e+19	2020-08-16	0	0	4	A	0
## 168	1.758254e+19	2020-08-17	0	0	5	G	154
## 169	1.758472e+18	2020-08-18	0	0	22	D	0
## 170	1.758835e+19	2020-08-20	0	0	15	G	69
## 171	1.766062e+19	2020-08-17	0	0	2	E	91
## 172	1.771047e+19	2020-08-17	0	0	2	A	0
## 173	1.775916e+19	2020-08-11	0	0	9	A	0
## 174	1.779837e+19	2020-08-12	0	0	6	G	0
## 175	1.780126e+19	2020-08-19	0	0	19	A	9
## 176	1.785774e+19	2020-08-20	0	0	1	D	0
## 177	1.803955e+19	2020-08-10	0	0	28	A	0
## 178	1.804984e+19	2020-08-13	0	0	6	A	86
## 179	1.810688e+19	2020-08-12	0	0	25	C	0
## 180	1.813907e+19	2020-08-19	0	0	4	<NA>	0
## 181	1.814952e+19	2020-08-14	0	0	4	A	13
## 182	1.817920e+19	2020-08-18	0	0	3	A	31
## 183	1.818516e+19	2020-08-16	0	0	3	A	39
## 184	1.825441e+19	2020-08-19	0	0	17	C	0
## 185	1.831259e+19	2020-08-15	0	0	7	F	81
## 186	1.832940e+19	2020-08-10	0	0	31	A	45
## 187	1.833019e+19	2020-08-10	0	0	39	G	41
## 188	1.839781e+19	2020-08-20	0	0	2	D	80
## 189	1.001081e+19	2020-08-10	0	0	4	G	81
## 190	1.001601e+19	2020-08-11	0	0	15	C	40
## 191	1.001713e+19	2020-08-19	0	0	3	A	0
## 192	1.002486e+19	2020-08-18	0	0	4	C	71
## 193	1.003008e+18	2020-08-20	0	0	1	D	8
## 194	1.003122e+19	2020-08-13	0	0	1	A	106
## 195	1.004202e+19	2020-08-12	0	0	2	A	0
## 196	1.004280e+18	2020-08-14	0	0	6	C	0
## 197	1.004465e+19	2020-08-16	0	0	2	G	49
## 198	1.004516e+19	2020-08-15	0	0	11	<NA>	10
## 199	1.004921e+19	2020-08-14	0	0	28	B	0
## 200	1.005319e+19	2020-08-10	0	0	30	A	0
## 201	1.005872e+18	2020-08-12	0	0	7	A	0
## 202	1.005955e+19	2020-08-16	0	0	3	B	0
## 203	1.006249e+18	2020-08-14	0	0	1	A	0
## 204	1.007165e+17	2020-08-19	0	0	4	D	0
## 205	1.009207e+19	2020-08-15	0	0	1	A	40

## 206	1.009982e+19	2020-08-10	0	0	2	A	0
## 207	1.010711e+19	2020-08-16	0	0	3	A	0
## 208	1.010935e+19	2020-08-20	0	0	10	A	0
## 209	1.011329e+19	2020-08-12	0	0	4	A	0
## 210	1.011909e+19	2020-08-13	0	0	10	C	38
## 211	1.012045e+18	2020-08-11	0	0	2	B	0
## 212	1.012287e+19	2020-08-16	0	0	11	D	35
## 213	1.012948e+19	2020-08-20	0	0	97	A	0
## 214	1.013075e+19	2020-08-17	0	0	7	A	141
## 215	1.013240e+19	2020-08-16	0	0	5	A	39
## 216	1.013345e+19	2020-08-12	0	0	40	A	15
## 217	1.013576e+19	2020-08-20	0	0	1	D	0
## 218	1.013739e+19	2020-08-13	0	0	4	A	14
## 219	1.014826e+19	2020-08-15	0	0	172	C	0
## 220	1.014903e+19	2020-08-16	0	0	1	F	0
## 221	1.015857e+19	2020-08-11	0	0	1	B	0
## 222	1.016060e+18	2020-08-16	0	0	18	B	0
## 223	1.016226e+19	2020-08-19	0	0	1	G	70
## 224	1.016465e+19	2020-08-13	0	0	8	C	62
## 225	1.016638e+19	2020-08-15	0	0	2	A	0
## 226	1.016648e+19	2020-08-13	0	0	20	A	42
## 227	1.017929e+19	2020-08-10	0	0	4	D	85
## 228	1.018059e+19	2020-08-16	0	0	11	C	35
## 229	1.018948e+16	2020-08-14	0	0	1	A	141
## 230	1.019323e+19	2020-08-14	0	0	5	G	51
## 231	1.019489e+19	2020-08-12	0	0	3	A	0
## 232	1.019938e+19	2020-08-18	0	0	44	A	37
## 233	1.019952e+19	2020-08-11	0	0	2	A	0
## 234	1.021440e+19	2020-08-10	0	0	7	B	141
## 235	1.021842e+19	2020-08-16	0	0	8	A	0
## 236	1.021971e+19	2020-08-10	0	0	1	A	0
## 237	1.023396e+19	2020-08-12	0	0	5	A	0
## 238	1.024183e+19	2020-08-14	0	0	8	A	62
## 239	1.024257e+19	2020-08-10	0	0	3	A	0
## 240	1.024352e+19	2020-08-16	0	0	4	D	0
## 241	1.025069e+18	2020-08-13	0	0	5	C	58
## 242	1.025304e+19	2020-08-12	0	0	6	C	15
## 243	1.025609e+19	2020-08-14	0	0	1	A	141
## 244	1.025639e+19	2020-08-14	0	0	3	D	95
## 245	1.025933e+19	2020-08-20	0	0	6	C	69
## 246	1.026046e+19	2020-08-15	0	0	3	A	0
## 247	1.026632e+19	2020-08-20	0	0	51	A	0
## 248	1.027546e+18	2020-08-14	0	0	1	A	0
## 249	1.027794e+19	2020-08-20	0	0	1	A	50
## 250	1.029271e+19	2020-08-16	0	0	6	G	49
## 251	1.029418e+19	2020-08-20	0	0	4	B	69
## 252	1.029725e+19	2020-08-13	0	0	9	A	14
## 253	1.031331e+19	2020-08-20	1	399	42	B	0
## 254	1.031436e+19	2020-08-18	0	0	2	A	10
## 255	1.031445e+19	2020-08-19	0	0	1	A	9
## 256	1.031982e+19	2020-08-16	0	0	11	B	49
## 257	1.033131e+19	2020-08-19	0	0	2	A	0
## 258	1.033334e+19	2020-08-16	0	0	4	A	30
## 259	1.033379e+19	2020-08-16	0	0	1	A	39

## 260	1.033498e+19	2020-08-17	0	0	1	A	0
## 261	1.033775e+19	2020-08-13	0	0	1	A	42
## 262	1.034374e+19	2020-08-16	0	0	1	A	54
## 263	1.035264e+19	2020-08-18	0	0	1	A	0
## 264	1.036330e+19	2020-08-14	0	0	35	A	0
## 265	1.036386e+19	2020-08-16	0	0	3	B	0
## 266	1.036406e+19	2020-08-18	0	0	1	A	141
## 267	1.036547e+19	2020-08-18	0	0	1	A	9
## 268	1.036935e+19	2020-08-11	0	0	1	A	0
## 269	1.037266e+19	2020-08-14	0	0	15	D	0
## 270	1.037341e+19	2020-08-13	0	0	12	A	0
## 271	1.037950e+19	2020-08-20	0	0	21	A	35
## 272	1.038355e+19	2020-08-13	0	0	4	D	96
## 273	1.039354e+19	2020-08-17	0	0	3	G	106
## 274	1.039438e+19	2020-08-13	0	0	6	A	141
## 275	1.039541e+19	2020-08-16	0	0	39	B	35
## 276	1.040247e+19	2020-08-17	0	0	14	G	48
## 277	1.040705e+19	2020-08-18	0	0	5	C	0
## 278	1.041032e+19	2020-08-19	1	739	108	C	0
## 279	1.041600e+19	2020-08-19	0	0	1	A	0
## 280	1.041695e+18	2020-08-14	0	0	4	A	85
## 281	1.042327e+19	2020-08-13	0	0	4	C	0
## 282	1.042461e+19	2020-08-15	0	0	2	G	36
## 283	1.042768e+19	2020-08-10	0	0	47	A	0
## 284	1.042828e+19	2020-08-11	0	0	4	A	141
## 285	1.043305e+19	2020-08-13	0	0	4	A	65
## 286	1.043769e+19	2020-08-13	0	0	9	F	0
## 287	1.044483e+19	2020-08-15	0	0	27	B	0
## 288	1.044614e+18	2020-08-20	0	0	8	C	0
## 289	1.044680e+19	2020-08-10	0	0	4	A	17
## 290	1.045393e+18	2020-08-13	0	0	2	A	0
## 291	1.045530e+19	2020-08-10	0	0	37	A	0
## 292	1.045762e+19	2020-08-12	0	0	40	A	0
## 293	1.045868e+19	2020-08-11	0	0	1	A	0
## 294	1.046605e+19	2020-08-11	0	0	1	A	0
## 295	1.046846e+19	2020-08-20	0	0	4	D	0
## 296	1.047360e+19	2020-08-11	0	0	1	G	54
## 297	1.047807e+18	2020-08-11	1	3549	6	A	0
## 298	1.047852e+19	2020-08-19	0	0	7	A	51
## 299	1.047984e+19	2020-08-15	0	0	5	A	141
## 300	1.048022e+19	2020-08-14	0	0	1	A	0
## 301	1.048099e+19	2020-08-12	0	0	4	A	0
## 302	1.048623e+19	2020-08-20	0	0	2	D	131
## 303	1.048745e+19	2020-08-13	0	0	10	C	0
## 304	1.049204e+19	2020-08-16	0	0	2	A	12
## 305	1.049697e+19	2020-08-13	0	0	18	B	52
## 306	1.049947e+19	2020-08-19	0	0	5	A	0
## 307	1.050779e+19	2020-08-11	0	0	22	A	17
## 308	1.051106e+19	2020-08-12	0	0	12	A	0
## 309	1.051232e+19	2020-08-12	0	0	23	A	91
## 310	1.051329e+19	2020-08-10	0	0	3	A	0
## 311	1.052009e+19	2020-08-11	0	0	4	A	0
## 312	1.052325e+19	2020-08-12	0	0	8	A	0
## 313	1.052922e+19	2020-08-14	0	0	5	C	57

## 314	1.053942e+19	2020-08-18	0	0	6	B	71
## 315	1.054139e+19	2020-08-10	0	0	5	B	41
## 316	1.054457e+19	2020-08-10	0	0	8	D	41
## 317	1.054497e+19	2020-08-20	0	0	7	A	50
## 318	1.055418e+19	2020-08-14	0	0	8	G	157
## 319	1.055465e+19	2020-08-10	0	0	1	F	0
## 320	1.055613e+19	2020-08-19	0	0	20	C	166
## 321	1.056307e+18	2020-08-14	0	0	5	B	0
## 322	1.056319e+19	2020-08-18	0	0	1	A	52
## 323	1.056985e+19	2020-08-16	0	0	1	A	0
## 324	1.058063e+19	2020-08-13	0	0	2	A	0
## 325	1.058184e+19	2020-08-13	0	0	7	C	0
## 326	1.058249e+19	2020-08-14	0	0	4	C	57
## 327	1.058779e+19	2020-08-13	0	0	10	C	16
## 328	1.059410e+19	2020-08-20	0	0	1	A	7
## 329	1.059425e+19	2020-08-20	0	0	20	D	0
## 330	1.059457e+19	2020-08-13	0	0	1	A	14
## 331	1.059505e+19	2020-08-19	0	0	9	C	81
## 332	1.059926e+19	2020-08-18	0	0	2	E	0
## 333	1.060605e+19	2020-08-14	0	0	9	A	0
## 334	1.060815e+19	2020-08-16	0	0	5	A	54
## 335	1.061532e+19	2020-08-10	0	0	23	B	5
## 336	1.061661e+19	2020-08-13	0	0	1	A	52
## 337	1.062030e+19	2020-08-15	0	0	6	F	0
## 338	1.062140e+19	2020-08-19	0	0	1	A	27
## 339	1.062365e+19	2020-08-20	0	0	13	A	0
## 340	1.062585e+18	2020-08-17	0	0	1	A	0
## 341	1.062984e+19	2020-08-15	0	0	1	F	84
## 342	1.063516e+19	2020-08-11	0	0	6	C	0
## 343	1.063991e+19	2020-08-18	0	0	6	A	0
## 344	1.064497e+19	2020-08-14	0	0	2	A	41
## 345	1.065440e+19	2020-08-12	0	0	44	<NA>	132
## 346	1.065445e+19	2020-08-18	0	0	9	<NA>	0
## 347	1.065625e+19	2020-08-11	0	0	1	<NA>	16
## 348	1.065757e+19	2020-08-14	0	0	1	A	41
## 349	1.066502e+19	2020-08-19	0	0	15	C	81
## 350	1.066790e+19	2020-08-18	0	0	3	A	31
## 351	1.067666e+18	2020-08-18	0	0	10	C	33
## 352	1.067911e+18	2020-08-11	0	0	2	E	0
## 353	1.068063e+19	2020-08-15	0	0	14	F	105
## 354	1.068162e+19	2020-08-20	0	0	2	A	35
## 355	1.068220e+19	2020-08-13	0	0	12	A	0
## 356	1.069343e+19	2020-08-19	0	0	8	A	36
## 357	1.069543e+19	2020-08-10	1	259	2	A	45
## 358	1.069779e+19	2020-08-13	0	0	8	A	0
## 359	1.070489e+19	2020-08-13	0	0	3	A	141
## 360	1.070996e+19	2020-08-15	0	0	16	D	50
## 361	1.071301e+18	2020-08-18	0	0	7	A	37
## 362	1.071329e+19	2020-08-13	0	0	3	C	0
## 363	1.072628e+19	2020-08-10	0	0	38	B	0
## 364	1.072754e+19	2020-08-11	0	0	25	A	0
## 365	1.073125e+19	2020-08-11	0	0	8	C	42
## 366	1.073407e+19	2020-08-15	0	0	6	D	13
## 367	1.074816e+19	2020-08-11	0	0	2	A	0

## 368	1.075802e+19	2020-08-13	0	0	9	A	0
## 369	1.077426e+19	2020-08-16	0	0	4	D	49
## 370	1.077918e+19	2020-08-15	0	0	2	G	50
## 371	1.078012e+19	2020-08-20	0	0	1	A	50
## 372	1.078623e+19	2020-08-13	0	0	25	F	38
## 373	1.078688e+18	2020-08-12	1	679	23	C	0
## 374	1.078949e+19	2020-08-11	0	0	13	A	0
## 375	1.079024e+19	2020-08-12	0	0	1	A	0
## 376	1.079071e+19	2020-08-18	0	0	4	B	0
## 377	1.079210e+18	2020-08-15	0	0	15	F	0
## 378	1.079219e+19	2020-08-16	0	0	36	A	0
## 379	1.080234e+19	2020-08-20	0	0	37	B	69
## 380	1.080479e+19	2020-08-12	0	0	35	C	0
## 381	1.080721e+19	2020-08-20	0	0	8	A	0
## 382	1.080795e+19	2020-08-10	0	0	1	F	69
## 383	1.081495e+19	2020-08-17	0	0	3	A	53
## 384	1.081625e+19	2020-08-18	0	0	12	A	0
## 385	1.083913e+19	2020-08-13	0	0	1	A	88
## 386	1.084272e+19	2020-08-16	0	0	10	D	49
## 387	1.084463e+19	2020-08-19	0	0	6	F	0
## 388	1.085255e+19	2020-08-18	0	0	2	A	37
## 389	1.085485e+19	2020-08-13	0	0	1	A	14
## 390	1.085836e+19	2020-08-20	0	0	2	D	0
## 391	1.086073e+19	2020-08-18	0	0	3	A	31
## 392	1.086840e+18	2020-08-19	0	0	1	A	27
## 393	1.087986e+19	2020-08-19	0	0	1	F	27
## 394	1.088348e+19	2020-08-13	0	0	2	A	0
## 395	1.088766e+19	2020-08-12	0	0	1	F	53
## 396	1.088843e+19	2020-08-17	0	0	1	E	0
## 397	1.088908e+19	2020-08-20	1	1119	44	A	0
## 398	1.088924e+19	2020-08-16	0	0	2	C	55
## 399	1.089836e+19	2020-08-17	0	0	5	D	32
## 400	1.091452e+19	2020-08-17	0	0	10	C	72
## 401	1.091536e+19	2020-08-10	0	0	2	F	0
## 402	1.093423e+19	2020-08-11	1	1599	13	A	141
## 403	1.094211e+19	2020-08-19	0	0	1	A	0
## 404	1.094262e+19	2020-08-15	0	0	1	A	0
## 405	1.095647e+19	2020-08-20	0	0	2	G	208
## 406	1.095972e+19	2020-08-12	0	0	6	<NA>	0
## 407	1.096752e+18	2020-08-16	0	0	2	A	104
## 408	1.096980e+19	2020-08-15	0	0	26	C	36
## 409	1.097588e+19	2020-08-15	0	0	7	C	50
## 410	1.097718e+18	2020-08-15	0	0	7	E	13
## 411	1.097800e+19	2020-08-18	0	0	20	A	9
## 412	1.097818e+19	2020-08-18	0	0	4	D	133
## 413	1.097918e+19	2020-08-17	0	0	3	A	53
## 414	1.098120e+19	2020-08-18	0	0	5	A	0
## 415	1.098362e+19	2020-08-16	0	0	16	C	11
## 416	1.098404e+19	2020-08-12	0	0	18	A	87
## 417	1.098489e+19	2020-08-13	0	0	14	C	38
## 418	1.098794e+19	2020-08-15	0	0	1	A	13
## 419	1.099615e+19	2020-08-20	0	0	10	B	0
## 420	1.099812e+19	2020-08-20	0	0	5	D	0
## 421	1.100118e+18	2020-08-16	0	0	14	C	55

## 422	1.100154e+19	2020-08-17	0	0	1	A	53
## 423	1.100985e+19	2020-08-10	0	0	6	A	65
## 424	1.101243e+19	2020-08-10	0	0	1	A	0
## 425	1.101624e+19	2020-08-19	0	0	3	A	30
## 426	1.101735e+19	2020-08-13	0	0	3	B	38
## 427	1.102369e+19	2020-08-17	0	0	5	B	0
## 428	1.102455e+19	2020-08-19	1	649	51	C	208
## 429	1.102898e+18	2020-08-13	0	0	1	B	0
## 430	1.103099e+18	2020-08-13	0	0	1	<NA>	0
## 431	1.103866e+19	2020-08-11	0	0	2	A	141
## 432	1.103871e+19	2020-08-10	0	0	4	A	45
## 433	1.104020e+19	2020-08-10	0	0	3	A	0
## 434	1.104199e+19	2020-08-12	0	0	1	A	0
## 435	1.105540e+19	2020-08-19	0	0	1	C	0
## 436	1.106255e+19	2020-08-14	0	0	1	A	0
## 437	1.106330e+19	2020-08-12	0	0	4	A	0
## 438	1.106573e+19	2020-08-12	0	0	6	A	0
## 439	1.106577e+19	2020-08-12	0	0	1	A	107
## 440	1.106742e+19	2020-08-14	0	0	1	E	132
## 441	1.107980e+19	2020-08-19	0	0	1	A	30
## 442	1.108024e+19	2020-08-14	0	0	31	A	0
## 443	1.108470e+19	2020-08-14	0	0	52	B	37
## 444	1.108985e+18	2020-08-16	0	0	31	<NA>	128
## 445	1.109427e+19	2020-08-10	0	0	3	D	0
## 446	1.109674e+19	2020-08-12	0	0	10	F	43
## 447	1.109713e+19	2020-08-17	0	0	2	G	48
## 448	1.111059e+18	2020-08-19	0	0	1	A	141
## 449	1.111065e+19	2020-08-19	0	0	11	C	81
## 450	1.111128e+19	2020-08-13	0	0	5	B	76
## 451	1.111525e+19	2020-08-14	0	0	7	<NA>	2
## 452	1.111734e+18	2020-08-15	0	0	3	A	0
## 453	1.111765e+19	2020-08-14	0	0	6	B	0
## 454	1.112423e+19	2020-08-15	0	0	13	C	56
## 455	1.112698e+19	2020-08-20	0	0	7	B	31
## 456	1.112879e+19	2020-08-12	0	0	2	A	0
## 457	1.112946e+19	2020-08-12	0	0	1	A	89
## 458	1.113250e+19	2020-08-15	0	0	4	A	0
## 459	1.113575e+19	2020-08-16	0	0	1	A	12
## 460	1.116037e+19	2020-08-16	0	0	4	C	0
## 461	1.116154e+19	2020-08-19	0	0	6	A	0
## 462	1.116654e+19	2020-08-11	0	0	12	A	0
## 463	1.117033e+19	2020-08-11	0	0	12	D	40
## 464	1.118019e+19	2020-08-10	0	0	12	C	0
## 465	1.118073e+19	2020-08-11	0	0	7	F	44
## 466	1.118510e+19	2020-08-19	0	0	36	A	0
## 467	1.118545e+19	2020-08-10	0	0	50	<NA>	99
## 468	1.119149e+19	2020-08-10	0	0	8	C	0
## 469	1.119888e+19	2020-08-13	0	0	11	F	0
## 470	1.120241e+19	2020-08-12	0	0	15	A	0
## 471	1.124013e+19	2020-08-14	0	0	2	D	137
## 472	1.124429e+19	2020-08-17	0	0	1	A	0
## 473	1.124479e+19	2020-08-13	0	0	5	A	42
## 474	1.124875e+18	2020-08-14	0	0	2	A	0
## 475	1.125600e+18	2020-08-20	0	0	5	<NA>	26

## 476	1.126703e+19	2020-08-12	0	0	3	G	208
## 477	1.126866e+17	2020-08-10	0	0	3	D	0
## 478	1.127471e+19	2020-08-11	1	219	8	E	0
## 479	1.128529e+18	2020-08-10	0	0	2	F	17
## 480	1.129020e+19	2020-08-17	0	0	32	C	0
## 481	1.129328e+19	2020-08-20	0	0	1	A	50
## 482	1.130339e+19	2020-08-18	0	0	24	B	71
## 483	1.130901e+19	2020-08-11	0	0	11	A	0
## 484	1.130926e+19	2020-08-15	0	0	3	B	0
## 485	1.131830e+19	2020-08-16	0	0	63	A	0
## 486	1.132197e+18	2020-08-19	0	0	5	A	0
## 487	1.132974e+19	2020-08-15	0	0	4	A	40
## 488	1.133262e+19	2020-08-16	0	0	58	A	12
## 489	1.133900e+19	2020-08-18	0	0	2	D	0
## 490	1.134042e+19	2020-08-20	0	0	1	G	223
## 491	1.134686e+19	2020-08-13	0	0	2	A	0
## 492	1.134873e+18	2020-08-19	0	0	1	A	8
## 493	1.135077e+19	2020-08-12	0	0	8	A	108
## 494	1.135112e+19	2020-08-16	0	0	1	A	11
## 495	1.135331e+19	2020-08-15	0	0	4	C	12
## 496	1.135824e+19	2020-08-10	0	0	2	G	65
## 497	1.136142e+19	2020-08-20	1	1499	49	A	50
## 498	1.136275e+19	2020-08-15	0	0	11	A	40
## 499	1.137603e+19	2020-08-13	0	0	4	F	83
## 500	1.137699e+19	2020-08-20	0	0	8	F	29
## 501	1.138664e+18	2020-08-19	0	0	14	A	0
## 502	1.139176e+19	2020-08-10	0	0	28	C	0
## 503	1.140012e+19	2020-08-14	0	0	80	A	14
## 504	1.140214e+19	2020-08-12	0	0	4	B	141
## 505	1.140660e+19	2020-08-16	0	0	2	A	39
## 506	1.140727e+19	2020-08-14	0	0	10	A	0
## 507	1.140975e+19	2020-08-11	0	0	5	A	141
## 508	1.141157e+19	2020-08-20	0	0	2	A	0
## 509	1.141637e+19	2020-08-15	0	0	35	B	0
## 510	1.141747e+19	2020-08-12	0	0	49	B	39
## 511	1.142372e+19	2020-08-12	0	0	18	D	0
## 512	1.142542e+19	2020-08-20	0	0	4	B	0
## 513	1.143217e+19	2020-08-14	0	0	7	A	41
## 514	1.143839e+19	2020-08-17	0	0	2	G	0
## 515	1.144552e+19	2020-08-15	0	0	3	C	56
## 516	1.145655e+19	2020-08-12	0	0	15	C	125
## 517	1.146255e+19	2020-08-10	0	0	2	A	0
## 518	1.147049e+19	2020-08-12	0	0	28	A	0
## 519	1.147093e+19	2020-08-11	0	0	1	A	44
## 520	1.148266e+18	2020-08-13	0	0	2	A	62
## 521	1.148689e+19	2020-08-15	0	0	1	D	40
## 522	1.149133e+18	2020-08-19	0	0	2	D	0
## 523	1.150370e+19	2020-08-20	0	0	1	A	0
## 524	1.150885e+18	2020-08-16	0	0	7	A	0
## 525	1.151640e+19	2020-08-11	0	0	6	A	0
## 526	1.152452e+19	2020-08-18	0	0	3	A	0
## 527	1.152498e+19	2020-08-17	0	0	1	A	38
## 528	1.153103e+19	2020-08-13	0	0	3	F	86
## 529	1.153435e+19	2020-08-18	0	0	19	B	0

## 530	1.153584e+19	2020-08-12	0	0	17	<NA>	0
## 531	1.154187e+19	2020-08-17	0	0	4	B	72
## 532	1.154218e+19	2020-08-20	0	0	18	D	31
## 533	1.154274e+19	2020-08-13	0	0	3	A	0
## 534	1.154982e+19	2020-08-18	0	0	2	A	52
## 535	1.155165e+19	2020-08-12	0	0	24	G	53
## 536	1.155566e+19	2020-08-15	0	0	4	A	0
## 537	1.155870e+19	2020-08-18	0	0	36	A	0
## 538	1.156060e+19	2020-08-11	0	0	24	B	0
## 539	1.156622e+19	2020-08-12	0	0	18	A	15
## 540	1.156657e+19	2020-08-16	0	0	1	A	0
## 541	1.157100e+19	2020-08-16	0	0	6	G	49
## 542	1.157439e+19	2020-08-20	0	0	4	G	151
## 543	1.158290e+18	2020-08-18	0	0	2	A	0
## 544	1.159905e+19	2020-08-10	0	0	12	A	0
## 545	1.160376e+19	2020-08-16	0	0	8	A	0
## 546	1.163807e+19	2020-08-10	0	0	1	A	0
## 547	1.164829e+19	2020-08-19	0	0	41	A	0
## 548	1.164913e+19	2020-08-18	0	0	2	A	0
## 549	1.165130e+19	2020-08-14	0	0	18	A	0
## 550	1.165172e+19	2020-08-10	0	0	12	A	70
## 551	1.165500e+19	2020-08-10	0	0	9	A	0
## 552	1.165887e+18	2020-08-20	0	0	4	A	141
## 553	1.166039e+19	2020-08-13	0	0	5	C	0
## 554	1.166284e+18	2020-08-18	0	0	4	A	0
## 555	1.166351e+19	2020-08-12	0	0	1	F	43
## 556	1.166471e+19	2020-08-12	0	0	7	A	0
## 557	1.166624e+19	2020-08-16	0	0	3	A	33
## 558	1.167759e+19	2020-08-10	0	0	7	A	110
## 559	1.167988e+19	2020-08-13	0	0	13	A	0
## 560	1.168058e+19	2020-08-14	0	0	7	E	14
## 561	1.168240e+19	2020-08-14	0	0	1	A	141
## 562	1.168448e+19	2020-08-14	0	0	3	A	0
## 563	1.169547e+19	2020-08-18	0	0	1	D	0
## 564	1.169962e+19	2020-08-19	0	0	13	A	27
## 565	1.171549e+19	2020-08-17	0	0	25	A	11
## 566	1.171790e+19	2020-08-16	0	0	19	A	130
## 567	1.171831e+19	2020-08-10	0	0	50	F	41
## 568	1.171839e+19	2020-08-20	0	0	3	A	0
## 569	1.171930e+19	2020-08-18	0	0	1	F	141
## 570	1.172078e+19	2020-08-11	0	0	1	A	0
## 571	1.172136e+19	2020-08-14	0	0	39	A	0
## 572	1.172294e+19	2020-08-16	0	0	20	C	0
## 573	1.173086e+19	2020-08-16	0	0	25	B	0
## 574	1.173264e+19	2020-08-16	0	0	9	A	54
## 575	1.174424e+19	2020-08-14	0	0	4	B	0
## 576	1.175164e+19	2020-08-18	0	0	3	G	71
## 577	1.175305e+19	2020-08-11	0	0	1	A	0
## 578	1.175506e+19	2020-08-16	0	0	70	A	0
## 579	1.176612e+19	2020-08-14	0	0	1	<NA>	81
## 580	1.176847e+19	2020-08-12	0	0	1	A	15
## 581	1.177027e+19	2020-08-16	0	0	6	<NA>	0
## 582	1.177104e+19	2020-08-19	0	0	4	C	8
## 583	1.177367e+19	2020-08-13	0	0	1	A	0

## 584	1.178001e+18	2020-08-11	0	0	1	A	90
## 585	1.178140e+19	2020-08-15	0	0	42	C	81
## 586	1.178686e+19	2020-08-15	0	0	1	F	14
## 587	1.178712e+19	2020-08-16	0	0	8	A	141
## 588	1.179008e+19	2020-08-15	0	0	1	A	0
## 589	1.179260e+19	2020-08-11	0	0	8	G	208
## 590	1.179749e+19	2020-08-20	0	0	4	C	31
## 591	1.180384e+19	2020-08-19	0	0	1	B	0
## 592	1.180851e+19	2020-08-11	2	1398	25	B	0
## 593	1.180935e+19	2020-08-14	0	0	13	A	0
## 594	1.181287e+19	2020-08-17	0	0	6	A	0
## 595	1.181719e+19	2020-08-17	0	0	1	B	34
## 596	1.182016e+19	2020-08-10	0	0	3	B	0
## 597	1.182041e+19	2020-08-18	0	0	25	C	81
## 598	1.182341e+19	2020-08-17	0	0	4	A	0
## 599	1.183181e+19	2020-08-11	0	0	5	A	109
## 600	1.183554e+18	2020-08-12	0	0	26	B	3
## 601	1.184557e+19	2020-08-12	0	0	4	A	91
## 602	1.184825e+19	2020-08-14	0	0	9	A	13
## 603	1.185835e+19	2020-08-13	0	0	4	D	0
## 604	1.187803e+19	2020-08-16	0	0	9	A	30
## 605	1.188573e+19	2020-08-12	0	0	37	A	0
## 606	1.188738e+19	2020-08-19	0	0	3	B	70
## 607	1.189332e+19	2020-08-20	0	0	29	D	0
## 608	1.189856e+19	2020-08-15	0	0	37	F	50
## 609	1.190105e+19	2020-08-14	0	0	8	A	0
## 610	1.190133e+18	2020-08-19	0	0	9	D	0
## 611	1.190186e+18	2020-08-12	0	0	4	D	97
## 612	1.190380e+19	2020-08-13	0	0	22	A	42
## 613	1.192116e+19	2020-08-13	0	0	1	G	110
## 614	1.192720e+19	2020-08-12	0	0	10	B	0
## 615	1.192902e+19	2020-08-19	0	0	4	A	36
## 616	1.193040e+19	2020-08-12	0	0	1	E	0
## 617	1.193397e+19	2020-08-18	0	0	8	C	0
## 618	1.193459e+19	2020-08-10	0	0	3	A	110
## 619	1.193926e+19	2020-08-12	0	0	13	C	81
## 620	1.194131e+19	2020-08-18	0	0	3	A	102
## 621	1.194638e+19	2020-08-16	0	0	8	A	0
## 622	1.194712e+19	2020-08-19	0	0	19	D	30
## 623	1.194799e+19	2020-08-14	0	0	6	C	123
## 624	1.194866e+19	2020-08-15	0	0	3	D	0
## 625	1.195019e+19	2020-08-10	0	0	9	C	208
## 626	1.195075e+19	2020-08-11	0	0	20	C	0
## 627	1.195279e+19	2020-08-20	0	0	24	A	26
## 628	1.195748e+19	2020-08-15	0	0	6	A	0
## 629	1.196039e+19	2020-08-11	0	0	4	A	0
## 630	1.196263e+19	2020-08-15	0	0	2	E	0
## 631	1.196454e+18	2020-08-10	0	0	12	F	0
## 632	1.196576e+18	2020-08-10	0	0	15	<NA>	0
## 633	1.196704e+19	2020-08-14	0	0	2	A	13
## 634	1.196861e+18	2020-08-19	0	0	21	A	27
## 635	1.197587e+19	2020-08-20	0	0	5	A	0
## 636	1.199154e+19	2020-08-20	0	0	1	A	8
## 637	1.199550e+19	2020-08-17	0	0	4	A	10

## 638	1.199848e+18	2020-08-15	0	0	6	D	0
## 639	1.200637e+19	2020-08-10	0	0	2	A	0
## 640	1.200669e+19	2020-08-11	0	0	4	B	40
## 641	1.201260e+19	2020-08-19	0	0	3	A	30
## 642	1.201523e+19	2020-08-11	0	0	1	D	0
## 643	1.201530e+19	2020-08-12	0	0	9	C	0
## 644	1.201637e+19	2020-08-16	0	0	4	G	223
## 645	1.202400e+19	2020-08-15	0	0	2	A	31
## 646	1.202494e+18	2020-08-17	0	0	13	C	0
## 647	1.202662e+19	2020-08-17	0	0	36	A	0
## 648	1.203411e+19	2020-08-20	0	0	3	F	0
## 649	1.203451e+19	2020-08-17	0	0	2	A	0
## 650	1.204611e+19	2020-08-18	0	0	5	A	9
## 651	1.204927e+19	2020-08-19	0	0	5	A	51
## 652	1.206141e+19	2020-08-14	0	0	4	B	0
## 653	1.206357e+18	2020-08-17	0	0	1	A	11
## 654	1.207122e+19	2020-08-20	0	0	1	A	0
## 655	1.207206e+19	2020-08-17	0	0	1	A	0
## 656	1.207724e+19	2020-08-12	0	0	2	A	141
## 657	1.208112e+18	2020-08-12	0	0	14	C	0
## 658	1.209478e+18	2020-08-18	0	0	5	A	0
## 659	1.209734e+19	2020-08-20	0	0	1	A	0
## 660	1.210258e+19	2020-08-16	0	0	3	A	30
## 661	1.210387e+19	2020-08-12	0	0	8	A	0
## 662	1.211565e+19	2020-08-13	0	0	11	A	0
## 663	1.211593e+19	2020-08-20	0	0	1	E	0
## 664	1.212111e+19	2020-08-18	0	0	4	A	0
## 665	1.212295e+19	2020-08-14	0	0	1	F	0
## 666	1.213575e+19	2020-08-12	0	0	2	A	87
## 667	1.214053e+19	2020-08-15	0	0	5	A	65
## 668	1.214528e+19	2020-08-14	0	0	12	A	0
## 669	1.216370e+19	2020-08-14	0	0	3	D	0
## 670	1.216598e+19	2020-08-16	0	0	9	C	55
## 671	1.216646e+18	2020-08-12	0	0	8	A	0
## 672	1.216698e+19	2020-08-15	0	0	1	A	0
## 673	1.216810e+19	2020-08-15	0	0	1	C	208
## 674	1.217273e+19	2020-08-15	0	0	41	A	13
## 675	1.217404e+19	2020-08-10	0	0	12	A	0
## 676	1.218309e+19	2020-08-18	0	0	14	C	119
## 677	1.218447e+19	2020-08-10	0	0	1	A	0
## 678	1.218563e+19	2020-08-11	0	0	6	A	0
## 679	1.218778e+18	2020-08-11	0	0	3	A	0
## 680	1.219046e+19	2020-08-19	1	859	14	C	0
## 681	1.219624e+19	2020-08-11	0	0	1	A	0
## 682	1.220489e+19	2020-08-13	1	899	5	C	14
## 683	1.220689e+19	2020-08-19	0	0	18	B	81
## 684	1.220932e+19	2020-08-18	1	239	3	E	0
## 685	1.221255e+19	2020-08-13	0	0	1	A	0
## 686	1.221672e+19	2020-08-12	0	0	3	A	0
## 687	1.222896e+19	2020-08-17	0	0	1	A	0
## 688	1.223083e+19	2020-08-13	0	0	8	C	38
## 689	1.223765e+19	2020-08-20	0	0	21	A	0
## 690	1.224600e+19	2020-08-15	0	0	1	A	14
## 691	1.224857e+19	2020-08-14	0	0	2	A	41

## 692	1.226396e+19	2020-08-16	0	0	3	A	0
## 693	1.226851e+19	2020-08-19	1	358	4	D	32
## 694	1.228758e+17	2020-08-20	0	0	35	C	0
## 695	1.228905e+19	2020-08-10	0	0	35	F	55
## 696	1.229502e+19	2020-08-20	1	739	169	C	0
## 697	1.229795e+18	2020-08-12	0	0	29	F	39
## 698	1.229892e+19	2020-08-14	0	0	5	A	62
## 699	1.230009e+19	2020-08-20	0	0	4	A	7
## 700	1.230248e+19	2020-08-18	0	0	4	C	0
## 701	1.230350e+19	2020-08-11	0	0	13	F	44
## 702	1.230638e+19	2020-08-13	0	0	12	B	38
## 703	1.230688e+19	2020-08-15	0	0	9	A	0
## 704	1.231161e+19	2020-08-15	0	0	1	A	13
## 705	1.232010e+19	2020-08-16	0	0	1	A	0
## 706	1.232041e+19	2020-08-19	1	1299	25	A	36
## 707	1.232268e+19	2020-08-12	0	0	4	A	0
## 708	1.232368e+19	2020-08-16	0	0	1	G	35
## 709	1.232668e+18	2020-08-11	0	0	10	C	92
## 710	1.232784e+19	2020-08-20	0	0	22	B	31
## 711	1.232856e+19	2020-08-18	0	0	18	D	31
## 712	1.233292e+19	2020-08-16	0	0	1	D	0
## 713	1.233758e+19	2020-08-16	0	0	17	C	81
## 714	1.233972e+19	2020-08-17	1	358	5	D	34
## 715	1.234116e+19	2020-08-11	0	0	5	A	92
## 716	1.234294e+19	2020-08-16	0	0	2	A	54
## 717	1.234332e+19	2020-08-15	0	0	1	A	0
## 718	1.234639e+19	2020-08-15	0	0	19	C	36
## 719	1.234872e+19	2020-08-10	0	0	42	A	0
## 720	1.234892e+19	2020-08-10	0	0	10	A	0
## 721	1.234970e+19	2020-08-18	0	0	8	C	71
## 722	1.235130e+19	2020-08-17	0	0	1	B	0
## 723	1.235165e+19	2020-08-13	0	0	3	A	62
## 724	1.235350e+18	2020-08-17	0	0	9	C	0
## 725	1.235447e+19	2020-08-12	0	0	2	A	0
## 726	1.235579e+19	2020-08-14	1	639	19	F	41
## 727	1.237055e+19	2020-08-16	0	0	33	B	49
## 728	1.238393e+19	2020-08-16	0	0	20	<NA>	0
## 729	1.239775e+19	2020-08-12	0	0	5	A	0
## 730	1.240619e+19	2020-08-13	0	0	13	A	0
## 731	1.240771e+19	2020-08-15	0	0	2	A	141
## 732	1.241765e+19	2020-08-10	0	0	6	A	93
## 733	1.241816e+19	2020-08-17	0	0	1	A	84
## 734	1.242034e+19	2020-08-20	0	0	5	A	0
## 735	1.242582e+19	2020-08-19	0	0	1	A	30
## 736	1.242940e+19	2020-08-15	0	0	11	C	36
## 737	1.243128e+19	2020-08-10	0	0	24	A	0
## 738	1.244679e+19	2020-08-14	0	0	1	A	0
## 739	1.245133e+19	2020-08-19	0	0	5	D	0
## 740	1.245992e+19	2020-08-13	0	0	8	A	0
## 741	1.246133e+19	2020-08-16	0	0	11	A	39
## 742	1.246165e+19	2020-08-17	0	0	2	A	103
## 743	1.248020e+19	2020-08-17	0	0	13	D	0
## 744	1.248124e+19	2020-08-16	0	0	1	A	39
## 745	1.248231e+19	2020-08-11	0	0	7	B	0

## 746	1.248296e+19	2020-08-17	0	0	8	A	53
## 747	1.249374e+19	2020-08-12	0	0	2	A	0
## 748	1.249474e+19	2020-08-18	0	0	7	A	52
## 749	1.249730e+19	2020-08-15	0	0	2	A	31
## 750	1.249786e+19	2020-08-15	0	0	3	G	50
## 751	1.249965e+19	2020-08-17	0	0	8	F	0
## 752	1.250785e+19	2020-08-10	0	0	22	A	0
## 753	1.251159e+19	2020-08-12	0	0	25	A	0
## 754	1.252130e+18	2020-08-20	0	0	4	C	81
## 755	1.252549e+19	2020-08-18	0	0	1	A	28
## 756	1.253973e+19	2020-08-18	0	0	5	A	0
## 757	1.255748e+19	2020-08-15	0	0	10	C	0
## 758	1.255778e+19	2020-08-16	0	0	4	B	0
## 759	1.255828e+19	2020-08-10	0	0	5	A	93
## 760	1.256122e+19	2020-08-11	0	0	3	A	109
## 761	1.257119e+19	2020-08-14	0	0	6	B	0
## 762	1.257340e+19	2020-08-20	0	0	5	A	8
## 763	1.258694e+19	2020-08-16	0	0	2	A	11
## 764	1.258837e+18	2020-08-11	0	0	1	A	0
## 765	1.258921e+19	2020-08-10	1	229	31	A	0
## 766	1.259170e+19	2020-08-18	0	0	41	C	0
## 767	1.259829e+19	2020-08-19	0	0	5	A	27
## 768	1.260223e+19	2020-08-12	0	0	7	F	108
## 769	1.261164e+19	2020-08-20	0	0	14	A	126
## 770	1.262261e+19	2020-08-11	0	0	2	A	0
## 771	1.263129e+19	2020-08-15	0	0	5	A	65
## 772	1.263233e+19	2020-08-17	0	0	7	C	0
## 773	1.263598e+18	2020-08-13	0	0	8	D	0
## 774	1.264179e+19	2020-08-11	0	0	1	A	0
## 775	1.264298e+19	2020-08-13	0	0	5	F	0
## 776	1.264478e+19	2020-08-12	0	0	1	A	0
## 777	1.264721e+19	2020-08-12	0	0	5	F	141
## 778	1.264903e+19	2020-08-10	0	0	5	A	141
## 779	1.265787e+19	2020-08-10	0	0	3	A	0
## 780	1.266308e+18	2020-08-17	0	0	40	A	10
## 781	1.266616e+19	2020-08-16	0	0	3	A	39
## 782	1.267093e+19	2020-08-10	0	0	2	A	0
## 783	1.267153e+19	2020-08-15	0	0	2	B	0
## 784	1.267225e+19	2020-08-14	0	0	1	A	62
## 785	1.268418e+19	2020-08-20	0	0	15	A	0
## 786	1.268909e+19	2020-08-19	0	0	32	<NA>	125
## 787	1.269505e+17	2020-08-18	0	0	11	A	28
## 788	1.270053e+17	2020-08-10	0	0	15	A	0
## 789	1.271459e+17	2020-08-11	0	0	4	F	18
## 790	1.271707e+19	2020-08-18	0	0	1	A	28
## 791	1.271797e+19	2020-08-13	0	0	29	C	0
## 792	1.272802e+19	2020-08-18	0	0	47	A	0
## 793	1.273618e+19	2020-08-14	0	0	14	B	0
## 794	1.273873e+19	2020-08-13	0	0	16	<NA>	0
## 795	1.274133e+19	2020-08-17	0	0	1	A	0
## 796	1.274265e+19	2020-08-12	0	0	1	B	39
## 797	1.274523e+19	2020-08-11	0	0	2	D	0
## 798	1.274750e+19	2020-08-17	0	0	8	A	0
## 799	1.274830e+19	2020-08-17	0	0	9	<NA>	0

## 800	1.275290e+19	2020-08-20	0	0	13	B	45
## 801	1.277076e+19	2020-08-12	0	0	4	A	0
## 802	1.277159e+19	2020-08-16	0	0	1	A	0
## 803	1.277187e+19	2020-08-10	0	0	6	A	0
## 804	1.279051e+18	2020-08-10	0	0	3	A	45
## 805	1.280310e+19	2020-08-13	0	0	1	A	0
## 806	1.281149e+19	2020-08-13	0	0	2	A	42
## 807	1.281285e+19	2020-08-20	0	0	11	A	35
## 808	1.281593e+19	2020-08-16	0	0	5	A	0
## 809	1.282146e+19	2020-08-18	0	0	5	B	33
## 810	1.282321e+19	2020-08-20	0	0	4	D	69
## 811	1.282548e+19	2020-08-18	0	0	1	A	52
## 812	1.282679e+19	2020-08-10	0	0	9	A	93
## 813	1.283339e+19	2020-08-15	0	0	1	A	12
## 814	1.283876e+17	2020-08-10	0	0	5	B	0
## 815	1.284235e+19	2020-08-11	0	0	11	C	81
## 816	1.284375e+19	2020-08-11	0	0	2	D	44
## 817	1.284452e+19	2020-08-16	0	0	6	A	39
## 818	1.284707e+18	2020-08-17	0	0	2	D	134
## 819	1.284996e+19	2020-08-19	0	0	7	G	46
## 820	1.286040e+19	2020-08-10	0	0	12	A	0
## 821	1.286298e+19	2020-08-16	0	0	5	A	141
## 822	1.286393e+19	2020-08-16	0	0	37	A	0
## 823	1.286836e+18	2020-08-19	0	0	4	A	8
## 824	1.288082e+19	2020-08-13	0	0	4	A	0
## 825	1.288530e+19	2020-08-16	0	0	1	A	54
## 826	1.288809e+19	2020-08-20	0	0	1	A	0
## 827	1.288966e+19	2020-08-12	0	0	4	C	208
## 828	1.289294e+19	2020-08-16	0	0	1	A	0
## 829	1.289921e+18	2020-08-11	0	0	4	A	0
## 830	1.291306e+19	2020-08-13	0	0	4	D	52
## 831	1.291431e+19	2020-08-10	0	0	4	A	0
## 832	1.292583e+19	2020-08-20	0	0	22	A	126
## 833	1.293307e+19	2020-08-12	0	0	1	D	39
## 834	1.293622e+19	2020-08-13	0	0	9	A	0
## 835	1.294437e+19	2020-08-11	0	0	32	A	0
## 836	1.294812e+19	2020-08-15	0	0	3	D	56
## 837	1.295209e+19	2020-08-18	0	0	11	A	0
## 838	1.295236e+19	2020-08-18	0	0	3	A	37
## 839	1.296616e+19	2020-08-13	0	0	3	A	14
## 840	1.296851e+19	2020-08-20	0	0	4	D	69
## 841	1.298211e+19	2020-08-17	0	0	2	A	141
## 842	1.298352e+19	2020-08-11	0	0	11	F	0
## 843	1.298710e+19	2020-08-19	0	0	47	C	8
## 844	1.299140e+19	2020-08-11	0	0	1	A	0
## 845	1.299596e+19	2020-08-14	0	0	3	A	0
## 846	1.301746e+18	2020-08-14	0	0	32	B	51
## 847	1.301840e+19	2020-08-19	0	0	1	A	36
## 848	1.302313e+19	2020-08-20	0	0	6	A	29
## 849	1.302608e+17	2020-08-15	0	0	9	C	81
## 850	1.302638e+19	2020-08-19	0	0	2	D	70
## 851	1.303627e+19	2020-08-17	0	0	16	C	48
## 852	1.304402e+19	2020-08-16	0	0	6	A	0
## 853	1.304593e+19	2020-08-10	0	0	1	A	0

## 854	1.304832e+19	2020-08-16	0	0	16	B	0
## 855	1.305866e+19	2020-08-19	0	0	4	F	100
## 856	1.306506e+19	2020-08-15	0	0	2	A	40
## 857	1.306963e+19	2020-08-13	0	0	22	B	52
## 858	1.307177e+19	2020-08-18	0	0	9	C	208
## 859	1.307469e+19	2020-08-14	0	0	4	G	208
## 860	1.307997e+18	2020-08-14	0	0	9	C	57
## 861	1.308840e+19	2020-08-10	0	0	12	A	0
## 862	1.309810e+19	2020-08-17	0	0	1	A	0
## 863	1.310090e+19	2020-08-19	0	0	1	A	27
## 864	1.310308e+19	2020-08-12	0	0	2	A	91
## 865	1.310925e+19	2020-08-17	0	0	5	A	0
## 866	1.311257e+19	2020-08-17	0	0	2	A	0
## 867	1.311919e+18	2020-08-11	0	0	5	C	0
## 868	1.312433e+19	2020-08-17	0	0	1	A	141
## 869	1.313111e+19	2020-08-20	0	0	19	A	0
## 870	1.314024e+19	2020-08-18	0	0	7	D	0
## 871	1.314469e+19	2020-08-12	0	0	13	A	134
## 872	1.314890e+19	2020-08-13	0	0	1	A	14
## 873	1.315810e+19	2020-08-11	0	0	9	C	54
## 874	1.315855e+19	2020-08-15	1	399	23	B	0
## 875	1.316069e+19	2020-08-12	0	0	18	A	43
## 876	1.316174e+19	2020-08-11	0	0	2	B	0
## 877	1.316294e+19	2020-08-16	0	0	4	D	0
## 878	1.316943e+19	2020-08-18	0	0	1	G	0
## 879	1.317966e+19	2020-08-19	0	0	2	A	51
## 880	1.317977e+19	2020-08-19	0	0	38	B	70
## 881	1.318815e+19	2020-08-17	0	0	2	A	0
## 882	1.319046e+19	2020-08-16	0	0	1	A	30
## 883	1.319623e+19	2020-08-14	0	0	38	A	0
## 884	1.319834e+19	2020-08-14	0	0	2	A	105
## 885	1.320867e+19	2020-08-20	0	0	3	A	7
## 886	1.321205e+19	2020-08-10	0	0	1	A	65
## 887	1.321286e+19	2020-08-12	0	0	1	A	0
## 888	1.321815e+19	2020-08-14	0	0	1	D	0
## 889	1.322594e+19	2020-08-10	0	0	2	A	0
## 890	1.323350e+19	2020-08-12	0	0	3	A	0
## 891	1.323794e+18	2020-08-14	0	0	7	D	51
## 892	1.323817e+19	2020-08-13	0	0	28	B	0
## 893	1.323853e+19	2020-08-12	0	0	36	A	91
## 894	1.324269e+19	2020-08-16	0	0	28	B	0
## 895	1.325049e+19	2020-08-12	0	0	4	A	53
## 896	1.325834e+19	2020-08-14	0	0	1	A	15
## 897	1.326269e+19	2020-08-17	0	0	2	A	38
## 898	1.326426e+18	2020-08-16	0	0	1	A	39
## 899	1.326757e+19	2020-08-15	0	0	1	F	40
## 900	1.327024e+19	2020-08-12	0	0	3	B	0
## 901	1.327241e+19	2020-08-12	0	0	5	A	0
## 902	1.328417e+19	2020-08-11	0	0	1	A	18
## 903	1.331295e+19	2020-08-17	0	0	6	A	32
## 904	1.331523e+19	2020-08-11	0	0	1	D	0
## 905	1.331527e+19	2020-08-11	0	0	14	A	0
## 906	1.332711e+19	2020-08-11	0	0	5	A	0
## 907	1.333928e+19	2020-08-19	0	0	1	A	0

## 908	1.333952e+18	2020-08-18	0	0	1	A	0
## 909	1.334541e+19	2020-08-16	0	0	6	A	12
## 910	1.335304e+19	2020-08-17	0	0	1	A	0
## 911	1.335450e+19	2020-08-13	0	0	3	B	0
## 912	1.335973e+19	2020-08-19	0	0	4	A	0
## 913	1.336067e+19	2020-08-11	0	0	5	A	0
## 914	1.336145e+19	2020-08-10	0	0	18	C	43
## 915	1.336234e+19	2020-08-19	0	0	2	A	0
## 916	1.337845e+19	2020-08-12	0	0	1	A	0
## 917	1.338083e+19	2020-08-17	0	0	9	C	208
## 918	1.338490e+19	2020-08-15	0	0	11	A	12
## 919	1.338741e+19	2020-08-19	0	0	11	C	32
## 920	1.338937e+19	2020-08-20	0	0	3	A	0
## 921	1.339946e+19	2020-08-19	0	0	4	A	0
## 922	1.341173e+19	2020-08-15	0	0	30	A	0
## 923	1.341381e+19	2020-08-10	0	0	5	B	0
## 924	1.341440e+19	2020-08-12	0	0	4	G	208
## 925	1.342863e+19	2020-08-14	0	0	5	<NA>	13
## 926	1.342938e+19	2020-08-13	0	0	9	F	107
## 927	1.343006e+19	2020-08-15	0	0	24	A	0
## 928	1.344000e+19	2020-08-13	0	0	4	E	15
## 929	1.344120e+19	2020-08-12	0	0	2	A	16
## 930	1.344500e+19	2020-08-17	0	0	11	D	11
## 931	1.344782e+19	2020-08-14	0	0	3	C	0
## 932	1.345094e+19	2020-08-17	0	0	7	A	0
## 933	1.345475e+19	2020-08-12	0	0	77	A	89
## 934	1.346551e+19	2020-08-18	0	0	6	A	0
## 935	1.346786e+19	2020-08-11	0	0	3	A	44
## 936	1.349431e+19	2020-08-15	0	0	7	A	0
## 937	1.350313e+19	2020-08-11	0	0	1	B	141
## 938	1.350317e+18	2020-08-19	0	0	26	A	9
## 939	1.350377e+19	2020-08-12	0	0	12	D	0
## 940	1.350401e+19	2020-08-13	0	0	1	A	42
## 941	1.351422e+19	2020-08-14	0	0	21	B	81
## 942	1.352173e+19	2020-08-11	0	0	4	G	81
## 943	1.352877e+19	2020-08-20	0	0	45	B	31
## 944	1.353681e+19	2020-08-11	0	0	7	C	16
## 945	1.353833e+19	2020-08-17	0	0	12	C	81
## 946	1.353934e+18	2020-08-18	0	0	2	A	52
## 947	1.354412e+19	2020-08-17	0	0	19	B	0
## 948	1.354472e+19	2020-08-19	0	0	2	A	51
## 949	1.355768e+19	2020-08-16	0	0	19	B	0
## 950	1.355903e+19	2020-08-19	0	0	11	A	0
## 951	1.357278e+19	2020-08-12	0	0	20	B	81
## 952	1.358353e+19	2020-08-12	0	0	1	E	0
## 953	1.359037e+19	2020-08-16	0	0	6	A	55
## 954	1.360242e+19	2020-08-15	0	0	10	A	31
## 955	1.360284e+19	2020-08-16	0	0	1	A	30
## 956	1.361474e+19	2020-08-20	0	0	25	A	50
## 957	1.362305e+19	2020-08-14	0	0	7	D	0
## 958	1.362598e+19	2020-08-20	0	0	2	A	35
## 959	1.362776e+19	2020-08-20	0	0	16	C	31
## 960	1.363539e+19	2020-08-13	0	0	1	A	15
## 961	1.364173e+19	2020-08-17	0	0	18	C	72

## 962	1.365290e+19	2020-08-16	0	0	1	A	104
## 963	1.365614e+19	2020-08-18	0	0	10	A	0
## 964	1.366139e+19	2020-08-15	0	0	7	A	0
## 965	1.366819e+19	2020-08-13	0	0	7	C	52
## 966	1.367685e+19	2020-08-16	0	0	5	D	12
## 967	1.367948e+19	2020-08-19	0	0	16	G	70
## 968	1.368080e+19	2020-08-11	0	0	9	A	0
## 969	1.368622e+19	2020-08-20	0	0	9	C	7
## 970	1.368824e+19	2020-08-11	0	0	4	A	109
## 971	1.370092e+19	2020-08-16	0	0	5	A	0
## 972	1.371381e+18	2020-08-17	0	0	2	A	102
## 973	1.372380e+19	2020-08-13	0	0	22	C	0
## 974	1.372549e+19	2020-08-12	0	0	27	B	39
## 975	1.372826e+19	2020-08-17	0	0	8	E	11
## 976	1.373045e+18	2020-08-16	0	0	1	E	0
## 977	1.373281e+18	2020-08-12	0	0	11	F	0
## 978	1.373327e+19	2020-08-20	0	0	3	D	45
## 979	1.373349e+19	2020-08-14	0	0	3	A	41
## 980	1.373421e+19	2020-08-17	0	0	2	A	10
## 981	1.374011e+19	2020-08-16	0	0	22	C	166
## 982	1.374302e+19	2020-08-10	0	0	4	A	0
## 983	1.374388e+19	2020-08-12	0	0	2	B	39
## 984	1.374389e+19	2020-08-12	0	0	2	A	108
## 985	1.374493e+19	2020-08-12	0	0	1	A	0
## 986	1.375698e+19	2020-08-17	0	0	20	C	0
## 987	1.375858e+19	2020-08-11	0	0	30	B	40
## 988	1.376169e+17	2020-08-20	0	0	3	G	151
## 989	1.376251e+19	2020-08-15	1	599	12	B	10
## 990	1.378147e+19	2020-08-17	1	899	11	C	0
## 991	1.379261e+19	2020-08-19	0	0	41	C	32
## 992	1.379515e+19	2020-08-19	0	0	4	A	0
## 993	1.379605e+19	2020-08-17	0	0	1	A	53
## 994	1.379776e+19	2020-08-15	0	0	4	C	56
## 995	1.379837e+19	2020-08-11	0	0	13	A	0
## 996	1.379880e+19	2020-08-11	1	1499	40	A	44
## 997	1.380354e+19	2020-08-17	0	0	3	A	0
## 998	1.380508e+19	2020-08-18	0	0	1	E	10
## 999	1.380844e+19	2020-08-18	0	0	89	A	0
## 1000	1.381171e+19	2020-08-12	0	0	15	A	87
## 1001	1.382519e+19	2020-08-19	0	0	3	A	27
## 1002	1.382625e+19	2020-08-15	0	0	1	A	65
## 1003	1.382737e+19	2020-08-13	0	0	1	D	0
## 1004	1.382859e+19	2020-08-16	0	0	1	A	11
## 1005	1.383164e+19	2020-08-13	0	0	8	A	0
## 1006	1.383189e+19	2020-08-14	0	0	1	A	0
## 1007	1.383469e+17	2020-08-18	0	0	9	G	153
## 1008	1.384546e+19	2020-08-20	0	0	3	A	62
## 1009	1.384905e+19	2020-08-10	0	0	13	C	0
## 1010	1.385456e+19	2020-08-11	0	0	4	G	99
## 1011	1.385666e+19	2020-08-14	0	0	3	A	0
## 1012	1.385695e+19	2020-08-20	0	0	2	A	26
## 1013	1.385854e+19	2020-08-10	0	0	13	A	17
## 1014	1.386192e+19	2020-08-18	0	0	2	A	0
## 1015	1.386608e+19	2020-08-15	0	0	3	A	0

##	1016	1.387710e+19	2020-08-17	0	0	11	G	72
##	1017	1.387789e+19	2020-08-20	0	0	1	A	50
##	1018	1.388180e+19	2020-08-15	0	0	36	C	0
##	1019	1.389342e+18	2020-08-17	1	1079	18	G	154
##	1020	1.389948e+19	2020-08-15	0	0	4	D	36
##	1021	1.391213e+19	2020-08-19	1	716	8	D	0
##	1022	1.391478e+19	2020-08-11	0	0	2	A	0
##	1023	1.391540e+19	2020-08-18	0	0	1	A	28
##	1024	1.391602e+19	2020-08-16	0	0	7	<NA>	0
##	1025	1.392383e+19	2020-08-16	0	0	65	F	35
##	1026	1.392662e+19	2020-08-16	0	0	53	C	208
##	1027	1.392806e+19	2020-08-15	0	0	4	A	0
##	1028	1.392971e+19	2020-08-19	0	0	26	A	0
##	1029	1.393027e+19	2020-08-17	0	0	8	D	0
##	1030	1.393070e+19	2020-08-19	0	0	2	A	30
##	1031	1.393438e+18	2020-08-15	0	0	5	D	0
##	1032	1.393620e+19	2020-08-19	0	0	8	E	0
##	1033	1.393676e+18	2020-08-16	0	0	14	C	35
##	1034	1.393992e+19	2020-08-12	0	0	2	A	0
##	1035	1.394142e+19	2020-08-11	0	0	12	A	65
##	1036	1.394552e+19	2020-08-10	0	0	4	A	45
##	1037	1.395462e+19	2020-08-12	0	0	1	A	87
##	1038	1.395654e+19	2020-08-10	0	0	6	A	0
##	1039	1.395666e+19	2020-08-16	0	0	18	C	121
##	1040	1.396714e+18	2020-08-13	0	0	3	A	16
##	1041	1.397226e+19	2020-08-11	0	0	3	C	208
##	1042	1.397463e+19	2020-08-17	0	0	27	B	223
##	1043	1.397559e+19	2020-08-19	0	0	14	A	36
##	1044	1.398750e+19	2020-08-17	0	0	1	A	29
##	1045	1.398917e+19	2020-08-14	0	0	2	D	0
##	1046	1.399258e+19	2020-08-20	0	0	27	F	45
##	1047	1.400455e+19	2020-08-12	0	0	18	A	108
##	1048	1.401138e+19	2020-08-15	1	239	4	A	65
##	1049	1.401214e+18	2020-08-16	0	0	3	F	0
##	1050	1.401492e+19	2020-08-13	0	0	2	G	52
##	1051	1.403631e+19	2020-08-20	0	0	11	A	0
##	1052	1.403665e+19	2020-08-20	0	0	2	A	0
##	1053	1.403850e+19	2020-08-18	0	0	2	A	0
##	1054	1.405826e+19	2020-08-10	1	909	12	A	0
##	1055	1.405858e+19	2020-08-14	0	0	22	B	51
##	1056	1.406101e+19	2020-08-10	0	0	14	G	55
##	1057	1.406234e+19	2020-08-15	0	0	1	A	0
##	1058	1.407138e+19	2020-08-17	0	0	17	C	34
##	1059	1.407261e+19	2020-08-20	0	0	1	A	0
##	1060	1.407450e+19	2020-08-14	0	0	2	A	0
##	1061	1.408889e+19	2020-08-16	0	0	3	A	11
##	1062	1.409612e+19	2020-08-14	0	0	35	<NA>	130
##	1063	1.410206e+19	2020-08-14	0	0	2	A	0
##	1064	1.412190e+19	2020-08-19	1	399	45	B	0
##	1065	1.412548e+19	2020-08-12	0	0	2	A	87
##	1066	1.412703e+19	2020-08-16	0	0	30	A	30
##	1067	1.413481e+19	2020-08-20	0	0	2	A	99
##	1068	1.413617e+18	2020-08-12	0	0	8	D	53
##	1069	1.413851e+19	2020-08-18	0	0	81	C	208

## 1070	1.413889e+19	2020-08-19	0	0	34	C	0
## 1071	1.414054e+19	2020-08-11	0	0	1	D	0
## 1072	1.414880e+19	2020-08-18	0	0	1	A	9
## 1073	1.415064e+19	2020-08-19	0	0	2	A	0
## 1074	1.415270e+19	2020-08-16	0	0	18	G	49
## 1075	1.415478e+19	2020-08-15	0	0	8	D	50
## 1076	1.415504e+18	2020-08-11	0	0	26	A	44
## 1077	1.416313e+19	2020-08-18	0	0	11	B	0
## 1078	1.416645e+18	2020-08-10	0	0	3	A	93
## 1079	1.417240e+19	2020-08-12	0	0	2	A	43
## 1080	1.418170e+19	2020-08-15	0	0	2	C	56
## 1081	1.418415e+18	2020-08-18	0	0	10	C	166
## 1082	1.418862e+19	2020-08-17	0	0	18	C	29
## 1083	1.419100e+19	2020-08-18	0	0	13	A	52
## 1084	1.419113e+19	2020-08-16	0	0	26	A	54
## 1085	1.419477e+19	2020-08-11	0	0	7	C	62
## 1086	1.419869e+19	2020-08-16	1	1339	14	A	0
## 1087	1.419918e+18	2020-08-14	0	0	7	A	0
## 1088	1.420622e+19	2020-08-12	0	0	7	A	141
## 1089	1.422313e+19	2020-08-20	0	0	2	A	7
## 1090	1.423302e+19	2020-08-16	0	0	19	A	0
## 1091	1.424266e+19	2020-08-18	0	0	1	A	0
## 1092	1.424529e+19	2020-08-10	0	0	11	A	0
## 1093	1.424891e+19	2020-08-18	0	0	8	G	71
## 1094	1.426924e+19	2020-08-20	0	0	5	A	35
## 1095	1.427123e+19	2020-08-15	0	0	5	D	85
## 1096	1.427603e+19	2020-08-20	0	0	42	F	31
## 1097	1.427667e+19	2020-08-17	0	0	20	C	0
## 1098	1.427703e+19	2020-08-11	0	0	8	D	141
## 1099	1.428106e+19	2020-08-12	0	0	3	D	0
## 1100	1.429466e+19	2020-08-19	0	0	9	A	0
## 1101	1.430136e+19	2020-08-18	0	0	33	C	0
## 1102	1.430175e+19	2020-08-13	0	0	4	D	0
## 1103	1.430973e+19	2020-08-14	0	0	21	A	65
## 1104	1.431404e+17	2020-08-14	0	0	2	D	0
## 1105	1.432818e+19	2020-08-11	0	0	9	C	42
## 1106	1.432942e+19	2020-08-16	0	0	1	A	11
## 1107	1.433146e+19	2020-08-12	0	0	1	A	0
## 1108	1.433453e+19	2020-08-10	0	0	58	A	0
## 1109	1.433513e+19	2020-08-11	0	0	16	A	16
## 1110	1.434167e+19	2020-08-16	0	0	4	B	73
## 1111	1.434553e+19	2020-08-20	0	0	22	C	29
## 1112	1.434991e+19	2020-08-11	0	0	2	A	0
## 1113	1.436375e+19	2020-08-19	0	0	37	F	32
## 1114	1.437540e+19	2020-08-15	0	0	1	A	86
## 1115	1.437584e+19	2020-08-17	0	0	26	A	38
## 1116	1.437603e+19	2020-08-20	0	0	5	A	29
## 1117	1.437939e+19	2020-08-11	0	0	2	D	0
## 1118	1.439169e+19	2020-08-15	0	0	6	C	0
## 1119	1.439504e+19	2020-08-12	1	1499	24	A	15
## 1120	1.439719e+19	2020-08-12	0	0	11	<NA>	0
## 1121	1.439731e+19	2020-08-16	0	0	5	A	30
## 1122	1.439949e+18	2020-08-18	0	0	4	A	0
## 1123	1.440145e+19	2020-08-10	0	0	1	F	141

## 1124	1.440430e+19	2020-08-20	0	0	5	D	0
## 1125	1.440611e+19	2020-08-17	0	0	7	A	0
## 1126	1.440737e+19	2020-08-19	0	0	1	A	0
## 1127	1.440904e+19	2020-08-16	0	0	10	A	11
## 1128	1.441568e+19	2020-08-20	0	0	2	E	0
## 1129	1.442284e+19	2020-08-14	0	0	1	A	0
## 1130	1.442515e+18	2020-08-10	1	718	16	A	0
## 1131	1.443152e+19	2020-08-14	0	0	6	C	37
## 1132	1.443402e+19	2020-08-20	0	0	2	A	35
## 1133	1.443608e+19	2020-08-16	0	0	46	F	49
## 1134	1.444784e+19	2020-08-13	0	0	1	G	223
## 1135	1.445154e+19	2020-08-15	0	0	18	B	50
## 1136	1.445369e+19	2020-08-18	0	0	11	B	33
## 1137	1.445883e+19	2020-08-16	0	0	4	A	0
## 1138	1.446460e+19	2020-08-14	0	0	1	B	37
## 1139	1.448121e+19	2020-08-12	0	0	3	B	0
## 1140	1.448887e+19	2020-08-20	0	0	4	A	35
## 1141	1.449671e+19	2020-08-12	0	0	14	C	0
## 1142	1.449994e+19	2020-08-14	0	0	8	D	37
## 1143	1.450335e+19	2020-08-10	0	0	3	A	141
## 1144	1.450485e+19	2020-08-13	0	0	4	C	81
## 1145	1.450778e+19	2020-08-10	0	0	1	A	65
## 1146	1.450970e+19	2020-08-11	0	0	4	A	69
## 1147	1.451148e+19	2020-08-20	0	0	54	A	0
## 1148	1.451371e+19	2020-08-10	0	0	14	A	0
## 1149	1.451643e+18	2020-08-13	0	0	5	E	0
## 1150	1.452383e+19	2020-08-10	0	0	2	A	65
## 1151	1.452430e+19	2020-08-13	0	0	2	D	0
## 1152	1.453491e+19	2020-08-11	0	0	1	A	16
## 1153	1.453663e+19	2020-08-17	0	0	47	B	34
## 1154	1.453802e+19	2020-08-18	0	0	15	C	81
## 1155	1.453837e+19	2020-08-17	0	0	5	A	0
## 1156	1.454274e+19	2020-08-15	0	0	3	A	62
## 1157	1.455495e+19	2020-08-10	0	0	4	E	136
## 1158	1.456275e+19	2020-08-12	0	0	4	A	15
## 1159	1.457586e+19	2020-08-15	0	0	1	A	0
## 1160	1.457761e+19	2020-08-17	0	0	7	C	65
## 1161	1.457845e+18	2020-08-19	0	0	5	A	51
## 1162	1.458991e+19	2020-08-12	0	0	2	A	87
## 1163	1.459070e+19	2020-08-17	0	0	11	A	0
## 1164	1.459560e+19	2020-08-14	0	0	1	G	51
## 1165	1.460000e+19	2020-08-19	0	0	1	C	70
## 1166	1.461228e+19	2020-08-10	1	2699	11	A	45
## 1167	1.461240e+19	2020-08-20	0	0	13	D	103
## 1168	1.462179e+19	2020-08-20	0	0	3	A	0
## 1169	1.463092e+19	2020-08-19	0	0	1	A	51
## 1170	1.463287e+19	2020-08-13	0	0	1	D	38
## 1171	1.463376e+19	2020-08-20	0	0	6	C	0
## 1172	1.463532e+19	2020-08-20	0	0	9	A	29
## 1173	1.464392e+19	2020-08-19	1	1339	13	G	70
## 1174	1.464477e+19	2020-08-15	0	0	29	A	0
## 1175	1.465764e+19	2020-08-12	0	0	3	G	111
## 1176	1.466572e+19	2020-08-20	0	0	2	A	50
## 1177	1.467246e+19	2020-08-16	0	0	2	A	11

## 1178	1.467901e+19	2020-08-11	0	0	7	C	0
## 1179	1.468280e+19	2020-08-12	0	0	3	B	0
## 1180	1.468353e+19	2020-08-14	0	0	1	A	13
## 1181	1.468591e+18	2020-08-13	0	0	1	D	0
## 1182	1.468719e+19	2020-08-16	0	0	15	G	49
## 1183	1.470177e+19	2020-08-14	0	0	8	A	41
## 1184	1.470625e+19	2020-08-13	0	0	1	A	141
## 1185	1.470855e+19	2020-08-11	0	0	3	A	16
## 1186	1.471490e+19	2020-08-16	0	0	3	B	35
## 1187	1.471922e+19	2020-08-11	0	0	12	A	42
## 1188	1.472048e+19	2020-08-19	0	0	16	D	32
## 1189	1.472373e+19	2020-08-10	0	0	8	C	0
## 1190	1.473429e+19	2020-08-13	0	0	1	G	52
## 1191	1.474024e+19	2020-08-19	0	0	1	B	0
## 1192	1.474252e+19	2020-08-13	0	0	4	A	0
## 1193	1.474300e+18	2020-08-14	0	0	2	A	65
## 1194	1.474694e+19	2020-08-20	0	0	1	B	31
## 1195	1.474860e+19	2020-08-16	0	0	3	B	0
## 1196	1.475020e+19	2020-08-10	1	1799	9	A	17
## 1197	1.475445e+19	2020-08-20	0	0	2	F	100
## 1198	1.475668e+19	2020-08-11	0	0	4	A	0
## 1199	1.476449e+19	2020-08-13	0	0	18	A	0
## 1200	1.476526e+19	2020-08-10	0	0	51	B	198
## 1201	1.477056e+19	2020-08-11	1	639	1	F	16
## 1202	1.477336e+18	2020-08-13	0	0	1	A	0
## 1203	1.477688e+19	2020-08-20	0	0	4	A	0
## 1204	1.478455e+19	2020-08-14	0	0	13	A	41
## 1205	1.478821e+19	2020-08-14	0	0	4	D	0
## 1206	1.480680e+19	2020-08-11	0	0	5	F	0
## 1207	1.481162e+19	2020-08-16	0	0	4	A	0
## 1208	1.481731e+19	2020-08-15	0	0	30	A	0
## 1209	1.482034e+19	2020-08-14	0	0	1	A	0
## 1210	1.482729e+19	2020-08-19	0	0	38	A	0
## 1211	1.483432e+19	2020-08-18	0	0	31	C	0
## 1212	1.483585e+18	2020-08-17	0	0	29	B	0
## 1213	1.485031e+19	2020-08-11	0	0	1	A	54
## 1214	1.485626e+18	2020-08-16	0	0	15	C	11
## 1215	1.485981e+19	2020-08-20	0	0	1	A	35
## 1216	1.486421e+19	2020-08-15	0	0	39	A	0
## 1217	1.486657e+19	2020-08-20	0	0	9	A	69
## 1218	1.486707e+19	2020-08-12	0	0	2	F	43
## 1219	1.486733e+19	2020-08-16	0	0	7	C	0
## 1220	1.486748e+19	2020-08-12	0	0	3	B	0
## 1221	1.486908e+19	2020-08-11	0	0	2	A	0
## 1222	1.487055e+19	2020-08-14	0	0	5	G	0
## 1223	1.488738e+19	2020-08-18	0	0	30	A	10
## 1224	1.489736e+19	2020-08-19	0	0	4	G	81
## 1225	1.490955e+19	2020-08-13	0	0	16	C	38
## 1226	1.491311e+19	2020-08-10	1	1339	52	A	17
## 1227	1.492002e+19	2020-08-15	0	0	4	C	0
## 1228	1.492231e+18	2020-08-11	0	0	49	A	0
## 1229	1.492961e+19	2020-08-17	0	0	11	A	72
## 1230	1.493097e+19	2020-08-14	0	0	1	A	15
## 1231	1.493490e+19	2020-08-12	0	0	1	D	139

##	1232	1.494122e+19	2020-08-19	0	0	1	D	0
##	1233	1.494240e+19	2020-08-10	0	0	5	D	45
##	1234	1.494381e+19	2020-08-19	0	0	5	B	0
##	1235	1.495258e+19	2020-08-17	0	0	3	A	0
##	1236	1.495839e+19	2020-08-17	0	0	14	A	10
##	1237	1.496779e+19	2020-08-17	0	0	29	B	48
##	1238	1.497390e+19	2020-08-12	0	0	2	A	0
##	1239	1.497941e+19	2020-08-10	0	0	6	E	0
##	1240	1.498915e+19	2020-08-15	0	0	1	A	40
##	1241	1.499573e+18	2020-08-11	0	0	5	B	78
##	1242	1.499811e+19	2020-08-19	0	0	6	D	104
##	1243	1.499882e+19	2020-08-16	0	0	5	A	39
##	1244	1.500111e+19	2020-08-15	0	0	14	B	36
##	1245	1.500810e+19	2020-08-16	0	0	5	D	0
##	1246	1.501062e+19	2020-08-11	0	0	1	A	0
##	1247	1.502431e+19	2020-08-20	0	0	4	A	35
##	1248	1.502808e+19	2020-08-20	0	0	2	A	29
##	1249	1.502894e+19	2020-08-11	0	0	1	A	16
##	1250	1.503088e+19	2020-08-18	0	0	1	A	37
##	1251	1.504266e+19	2020-08-17	0	0	2	A	0
##	1252	1.504655e+19	2020-08-18	0	0	27	A	52
##	1253	1.505748e+19	2020-08-11	0	0	8	A	62
##	1254	1.506565e+19	2020-08-19	0	0	2	E	0
##	1255	1.506878e+19	2020-08-13	0	0	1	A	15
##	1256	1.507223e+19	2020-08-11	0	0	2	A	92
##	1257	1.507539e+19	2020-08-17	0	0	62	<NA>	127
##	1258	1.507952e+19	2020-08-16	0	0	1	A	39
##	1259	1.508657e+19	2020-08-12	0	0	4	G	159
##	1260	1.509518e+19	2020-08-14	0	0	4	A	106
##	1261	1.509545e+19	2020-08-18	0	0	1	A	0
##	1262	1.509611e+19	2020-08-17	0	0	5	G	223
##	1263	1.509719e+19	2020-08-11	0	0	9	A	0
##	1264	1.510076e+19	2020-08-20	0	0	27	A	0
##	1265	1.511437e+19	2020-08-18	0	0	9	D	33
##	1266	1.511984e+19	2020-08-17	0	0	5	A	0
##	1267	1.512563e+19	2020-08-16	0	0	5	A	0
##	1268	1.512571e+19	2020-08-12	0	0	5	A	0
##	1269	1.513066e+19	2020-08-14	0	0	21	A	0
##	1270	1.513308e+18	2020-08-19	0	0	1	B	0
##	1271	1.513345e+19	2020-08-12	0	0	2	A	43
##	1272	1.514216e+19	2020-08-11	0	0	2	B	40
##	1273	1.514933e+19	2020-08-14	0	0	63	A	13
##	1274	1.515266e+19	2020-08-18	0	0	5	<NA>	0
##	1275	1.515310e+19	2020-08-14	0	0	1	A	62
##	1276	1.515335e+19	2020-08-19	0	0	1	<NA>	0
##	1277	1.515719e+19	2020-08-13	0	0	15	C	52
##	1278	1.515764e+19	2020-08-18	0	0	22	A	0
##	1279	1.516082e+19	2020-08-14	0	0	1	A	0
##	1280	1.516570e+19	2020-08-19	0	0	4	A	8
##	1281	1.516881e+19	2020-08-17	0	0	4	D	72
##	1282	1.517572e+19	2020-08-14	0	0	2	A	0
##	1283	1.518076e+19	2020-08-10	0	0	9	C	43
##	1284	1.518214e+19	2020-08-13	0	0	2	A	14
##	1285	1.518587e+19	2020-08-14	0	0	19	A	13

## 1286	1.518928e+19	2020-08-11	0	0	1	A	0
## 1287	1.519061e+19	2020-08-17	0	0	3	D	72
## 1288	1.519417e+19	2020-08-20	1	1569	47	A	0
## 1289	1.519570e+19	2020-08-10	0	0	16	D	55
## 1290	1.519680e+19	2020-08-13	0	0	15	A	67
## 1291	1.520046e+19	2020-08-15	0	0	4	B	0
## 1292	1.520584e+19	2020-08-15	0	0	4	C	81
## 1293	1.520690e+19	2020-08-17	0	0	3	A	0
## 1294	1.520829e+19	2020-08-12	0	0	6	A	0
## 1295	1.520848e+19	2020-08-17	0	0	1	A	0
## 1296	1.520966e+19	2020-08-14	0	0	1	E	0
## 1297	1.522328e+19	2020-08-16	0	0	4	C	208
## 1298	1.522592e+19	2020-08-10	0	0	2	A	17
## 1299	1.524427e+19	2020-08-19	0	0	5	A	101
## 1300	1.524473e+19	2020-08-17	0	0	1	E	0
## 1301	1.524528e+19	2020-08-17	0	0	2	A	53
## 1302	1.524734e+19	2020-08-19	0	0	6	A	0
## 1303	1.525275e+19	2020-08-18	0	0	8	C	0
## 1304	1.526029e+19	2020-08-14	0	0	4	E	0
## 1305	1.526928e+19	2020-08-11	0	0	39	B	0
## 1306	1.527300e+19	2020-08-14	0	0	5	C	13
## 1307	1.527365e+19	2020-08-18	0	0	2	A	52
## 1308	1.527494e+19	2020-08-20	0	0	7	C	117
## 1309	1.527682e+19	2020-08-11	0	0	1	A	0
## 1310	1.527703e+19	2020-08-19	0	0	9	C	32
## 1311	1.528704e+19	2020-08-19	0	0	9	<NA>	0
## 1312	1.529559e+19	2020-08-10	0	0	1	A	0
## 1313	1.529570e+19	2020-08-16	0	0	60	A	11
## 1314	1.529714e+19	2020-08-18	0	0	2	C	0
## 1315	1.530173e+19	2020-08-19	0	0	3	A	0
## 1316	1.530869e+19	2020-08-13	0	0	1	C	0
## 1317	1.531077e+19	2020-08-19	0	0	1	F	141
## 1318	1.531440e+19	2020-08-19	1	1499	25	A	36
## 1319	1.531485e+18	2020-08-16	0	0	2	A	0
## 1320	1.531529e+18	2020-08-18	0	0	14	A	52
## 1321	1.531840e+19	2020-08-19	0	0	13	D	0
## 1322	1.532469e+19	2020-08-19	0	0	6	D	0
## 1323	1.532703e+19	2020-08-16	0	0	13	A	0
## 1324	1.532822e+19	2020-08-13	0	0	13	C	81
## 1325	1.533865e+19	2020-08-10	0	0	9	D	0
## 1326	1.535239e+18	2020-08-19	0	0	6	A	30
## 1327	1.535331e+19	2020-08-20	0	0	4	A	0
## 1328	1.535523e+19	2020-08-17	0	0	3	A	0
## 1329	1.536180e+18	2020-08-11	0	0	1	A	16
## 1330	1.536589e+19	2020-08-12	0	0	2	A	15
## 1331	1.536925e+19	2020-08-12	0	0	32	A	16
## 1332	1.537053e+19	2020-08-19	0	0	41	B	32
## 1333	1.537071e+19	2020-08-10	0	0	9	C	17
## 1334	1.537567e+19	2020-08-13	0	0	20	A	14
## 1335	1.537740e+19	2020-08-17	0	0	1	A	141
## 1336	1.537985e+19	2020-08-10	0	0	6	A	0
## 1337	1.538085e+18	2020-08-13	0	0	1	A	65
## 1338	1.538413e+19	2020-08-14	0	0	16	C	0
## 1339	1.538475e+19	2020-08-16	0	0	1	A	54

## 1340	1.539735e+19	2020-08-14	0	0	12	C	0
## 1341	1.539788e+19	2020-08-15	0	0	2	A	31
## 1342	1.540569e+19	2020-08-17	0	0	21	C	166
## 1343	1.541256e+19	2020-08-18	0	0	9	G	153
## 1344	1.541312e+19	2020-08-15	0	0	3	A	0
## 1345	1.541353e+19	2020-08-10	0	0	3	D	81
## 1346	1.542684e+19	2020-08-10	0	0	3	A	45
## 1347	1.543048e+19	2020-08-15	0	0	62	A	13
## 1348	1.544019e+19	2020-08-12	0	0	1	A	0
## 1349	1.544290e+19	2020-08-10	0	0	18	D	81
## 1350	1.544595e+19	2020-08-20	0	0	6	B	0
## 1351	1.544653e+19	2020-08-10	0	0	2	A	0
## 1352	1.547244e+19	2020-08-11	0	0	11	A	109
## 1353	1.547246e+19	2020-08-15	0	0	4	B	0
## 1354	1.547768e+19	2020-08-19	0	0	1	E	0
## 1355	1.548169e+19	2020-08-13	0	0	6	D	52
## 1356	1.549119e+19	2020-08-14	0	0	2	B	75
## 1357	1.549910e+19	2020-08-17	0	0	6	A	38
## 1358	1.550265e+19	2020-08-18	0	0	29	<NA>	0
## 1359	1.552045e+19	2020-08-13	0	0	1	A	14
## 1360	1.552491e+19	2020-08-13	0	0	1	A	14
## 1361	1.552625e+18	2020-08-20	0	0	1	A	26
## 1362	1.553201e+19	2020-08-18	1	1529	39	A	0
## 1363	1.553966e+18	2020-08-18	1	1299	16	A	28
## 1364	1.554016e+19	2020-08-13	0	0	4	D	38
## 1365	1.554073e+19	2020-08-17	0	0	5	A	0
## 1366	1.554914e+19	2020-08-15	0	0	8	A	0
## 1367	1.554939e+19	2020-08-17	0	0	2	A	0
## 1368	1.555393e+19	2020-08-19	0	0	11	A	0
## 1369	1.555841e+19	2020-08-16	0	0	16	B	49
## 1370	1.556289e+19	2020-08-19	0	0	11	A	51
## 1371	1.556359e+19	2020-08-16	1	999	7	F	49
## 1372	1.556949e+19	2020-08-13	0	0	25	A	0
## 1373	1.558554e+18	2020-08-13	0	0	17	B	52
## 1374	1.559146e+19	2020-08-17	0	0	3	C	0
## 1375	1.559269e+19	2020-08-16	0	0	15	F	104
## 1376	1.559336e+19	2020-08-17	0	0	8	A	10
## 1377	1.559341e+19	2020-08-11	0	0	1	A	0
## 1378	1.560619e+19	2020-08-16	0	0	9	D	35
## 1379	1.560821e+19	2020-08-20	0	0	2	A	35
## 1380	1.561492e+19	2020-08-14	0	0	1	A	41
## 1381	1.561901e+19	2020-08-18	0	0	1	A	101
## 1382	1.562993e+19	2020-08-10	0	0	4	<NA>	17
## 1383	1.563278e+18	2020-08-16	0	0	7	A	0
## 1384	1.563400e+19	2020-08-10	0	0	16	F	0
## 1385	1.563711e+19	2020-08-11	0	0	17	D	0
## 1386	1.564170e+19	2020-08-20	0	0	3	B	0
## 1387	1.565191e+19	2020-08-16	0	0	14	F	0
## 1388	1.566284e+19	2020-08-12	0	0	22	D	53
## 1389	1.566571e+19	2020-08-12	0	0	16	B	0
## 1390	1.566629e+19	2020-08-14	0	0	6	A	0
## 1391	1.566948e+19	2020-08-13	0	0	1	A	0
## 1392	1.567341e+19	2020-08-16	0	0	3	D	65
## 1393	1.567427e+19	2020-08-13	0	0	11	A	65

## 1394	1.567556e+18	2020-08-17	0	0	18	A	0
## 1395	1.567615e+19	2020-08-20	0	0	54	C	208
## 1396	1.567968e+19	2020-08-13	0	0	1	A	16
## 1397	1.568608e+19	2020-08-18	0	0	2	A	0
## 1398	1.568806e+18	2020-08-14	0	0	3	D	95
## 1399	1.570357e+19	2020-08-16	0	0	6	C	0
## 1400	1.570687e+19	2020-08-17	0	0	5	<NA>	0
## 1401	1.571204e+19	2020-08-15	0	0	34	A	65
## 1402	1.571856e+19	2020-08-14	0	0	20	A	0
## 1403	1.572801e+19	2020-08-20	0	0	2	G	45
## 1404	1.572880e+19	2020-08-12	0	0	21	A	15
## 1405	1.573157e+19	2020-08-20	0	0	33	A	35
## 1406	1.573953e+19	2020-08-17	0	0	7	A	38
## 1407	1.574649e+18	2020-08-13	0	0	1	C	0
## 1408	1.575209e+19	2020-08-14	0	0	1	A	51
## 1409	1.576425e+19	2020-08-15	0	0	1	D	0
## 1410	1.577533e+18	2020-08-15	0	0	9	A	40
## 1411	1.577675e+19	2020-08-16	0	0	7	G	155
## 1412	1.578594e+18	2020-08-20	0	0	10	A	50
## 1413	1.579260e+19	2020-08-12	1	669	26	C	3
## 1414	1.580612e+19	2020-08-15	0	0	2	F	50
## 1415	1.581220e+18	2020-08-18	0	0	1	C	0
## 1416	1.581312e+19	2020-08-15	0	0	7	G	156
## 1417	1.581767e+19	2020-08-18	0	0	4	A	52
## 1418	1.582125e+19	2020-08-12	0	0	1	G	39
## 1419	1.582478e+19	2020-08-13	0	0	3	A	0
## 1420	1.582534e+19	2020-08-10	0	0	1	D	0
## 1421	1.582863e+19	2020-08-11	0	0	3	A	0
## 1422	1.584647e+19	2020-08-16	1	739	183	C	0
## 1423	1.584695e+19	2020-08-12	0	0	6	A	0
## 1424	1.585089e+18	2020-08-19	0	0	5	A	51
## 1425	1.585758e+19	2020-08-17	0	0	8	A	0
## 1426	1.585823e+19	2020-08-13	0	0	46	A	15
## 1427	1.586442e+19	2020-08-16	0	0	4	A	11
## 1428	1.586678e+18	2020-08-12	0	0	1	F	17
## 1429	1.586807e+18	2020-08-18	0	0	3	A	28
## 1430	1.586924e+19	2020-08-19	0	0	13	A	0
## 1431	1.587237e+19	2020-08-18	0	0	1	D	0
## 1432	1.587304e+19	2020-08-18	0	0	5	A	0
## 1433	1.587949e+19	2020-08-19	0	0	12	D	81
## 1434	1.588116e+19	2020-08-18	0	0	5	A	0
## 1435	1.588829e+19	2020-08-17	0	0	1	G	72
## 1436	1.588968e+19	2020-08-11	0	0	2	A	44
## 1437	1.588982e+19	2020-08-18	0	0	1	<NA>	0
## 1438	1.589044e+19	2020-08-16	0	0	6	A	0
## 1439	1.589257e+19	2020-08-12	0	0	1	A	17
## 1440	1.589468e+19	2020-08-10	0	0	4	D	43
## 1441	1.590179e+19	2020-08-17	0	0	8	B	34
## 1442	1.590327e+19	2020-08-11	0	0	44	A	0
## 1443	1.591271e+19	2020-08-10	0	0	2	A	19
## 1444	1.591273e+19	2020-08-12	0	0	6	C	59
## 1445	1.592413e+19	2020-08-15	1	899	24	C	0
## 1446	1.592476e+19	2020-08-17	0	0	2	D	32
## 1447	1.593123e+19	2020-08-11	0	0	1	A	0

## 1448	1.593317e+19	2020-08-17	0	0	1	A	29
## 1449	1.593906e+19	2020-08-11	0	0	9	C	208
## 1450	1.593961e+19	2020-08-16	0	0	16	D	33
## 1451	1.594223e+19	2020-08-11	0	0	1	A	44
## 1452	1.594241e+19	2020-08-12	0	0	1	A	91
## 1453	1.595126e+18	2020-08-12	0	0	30	B	0
## 1454	1.595971e+19	2020-08-19	0	0	2	A	8
## 1455	1.596202e+19	2020-08-17	0	0	3	F	32
## 1456	1.596589e+19	2020-08-17	0	0	2	B	0
## 1457	1.596746e+19	2020-08-15	0	0	1	A	65
## 1458	1.597726e+19	2020-08-13	0	0	1	A	62
## 1459	1.597820e+19	2020-08-15	0	0	48	A	0
## 1460	1.598939e+19	2020-08-15	0	0	2	A	0
## 1461	1.598956e+17	2020-08-14	0	0	12	A	0
## 1462	1.598971e+19	2020-08-14	0	0	1	<NA>	0
## 1463	1.599218e+19	2020-08-14	0	0	5	A	132
## 1464	1.599861e+18	2020-08-10	0	0	2	A	0
## 1465	1.600176e+19	2020-08-19	0	0	8	A	0
## 1466	1.600751e+19	2020-08-10	0	0	2	A	0
## 1467	1.602071e+19	2020-08-11	0	0	1	A	92
## 1468	1.602408e+19	2020-08-18	0	0	8	A	0
## 1469	1.602439e+19	2020-08-14	0	0	1	F	85
## 1470	1.602842e+19	2020-08-13	0	0	8	B	0
## 1471	1.604107e+19	2020-08-16	0	0	10	D	155
## 1472	1.604339e+19	2020-08-20	0	0	2	A	29
## 1473	1.604653e+19	2020-08-10	0	0	4	A	91
## 1474	1.605741e+19	2020-08-18	0	0	4	C	0
## 1475	1.605899e+19	2020-08-15	0	0	1	A	62
## 1476	1.606126e+19	2020-08-19	0	0	1	C	0
## 1477	1.606514e+19	2020-08-11	0	0	4	A	0
## 1478	1.606889e+19	2020-08-14	0	0	42	A	0
## 1479	1.607085e+17	2020-08-16	0	0	3	A	11
## 1480	1.607114e+19	2020-08-14	0	0	10	A	13
## 1481	1.607302e+19	2020-08-10	0	0	32	B	223
## 1482	1.608007e+19	2020-08-17	0	0	2	D	0
## 1483	1.608675e+19	2020-08-12	0	0	5	C	0
## 1484	1.609097e+19	2020-08-11	0	0	6	C	0
## 1485	1.610146e+19	2020-08-11	0	0	1	F	68
## 1486	1.610189e+19	2020-08-16	0	0	4	A	0
## 1487	1.610591e+19	2020-08-11	0	0	36	B	223
## 1488	1.610647e+19	2020-08-11	0	0	5	C	0
## 1489	1.611107e+19	2020-08-18	0	0	45	A	0
## 1490	1.611837e+19	2020-08-11	0	0	1	A	0
## 1491	1.611923e+18	2020-08-17	0	0	1	A	53
## 1492	1.612478e+19	2020-08-17	0	0	20	F	34
## 1493	1.612524e+19	2020-08-12	0	0	3	A	0
## 1494	1.613006e+19	2020-08-16	0	0	2	A	141
## 1495	1.613813e+19	2020-08-11	0	0	3	A	0
## 1496	1.614035e+19	2020-08-12	0	0	1	G	53
## 1497	1.614110e+19	2020-08-15	0	0	1	A	0
## 1498	1.614113e+19	2020-08-20	0	0	4	A	0
## 1499	1.614464e+19	2020-08-12	0	0	2	D	97
## 1500	1.615427e+19	2020-08-16	0	0	2	A	54
## 1501	1.615562e+19	2020-08-14	0	0	10	B	37

## 1502	1.615827e+19	2020-08-17	0	0	13	C	34
## 1503	1.616901e+19	2020-08-11	1	939	25	C	0
## 1504	1.616927e+18	2020-08-16	0	0	16	C	0
## 1505	1.616936e+19	2020-08-14	0	0	3	A	0
## 1506	1.618605e+19	2020-08-17	0	0	1	D	0
## 1507	1.619069e+19	2020-08-16	0	0	14	C	0
## 1508	1.621740e+19	2020-08-19	0	0	2	A	51
## 1509	1.622224e+19	2020-08-20	0	0	7	A	100
## 1510	1.622377e+19	2020-08-15	0	0	18	C	0
## 1511	1.622615e+19	2020-08-19	0	0	7	E	0
## 1512	1.623742e+19	2020-08-20	0	0	1	A	35
## 1513	1.624191e+19	2020-08-14	0	0	4	A	106
## 1514	1.624387e+19	2020-08-12	0	0	1	A	0
## 1515	1.624862e+18	2020-08-18	0	0	5	A	141
## 1516	1.625210e+19	2020-08-12	1	349	14	C	0
## 1517	1.625441e+19	2020-08-18	0	0	4	A	0
## 1518	1.625593e+19	2020-08-11	0	0	1	B	42
## 1519	1.625972e+19	2020-08-19	0	0	4	<NA>	27
## 1520	1.626102e+19	2020-08-14	0	0	6	C	208
## 1521	1.626190e+19	2020-08-15	0	0	1	F	141
## 1522	1.626431e+19	2020-08-17	0	0	1	A	0
## 1523	1.626511e+19	2020-08-15	0	0	8	D	108
## 1524	1.627465e+19	2020-08-19	0	0	5	A	36
## 1525	1.627495e+19	2020-08-18	0	0	6	C	71
## 1526	1.627528e+19	2020-08-19	0	0	1	G	32
## 1527	1.628010e+19	2020-08-10	0	0	10	F	55
## 1528	1.628755e+19	2020-08-20	0	0	4	A	0
## 1529	1.629157e+19	2020-08-16	0	0	18	C	49
## 1530	1.629238e+18	2020-08-12	0	0	6	A	0
## 1531	1.631268e+19	2020-08-20	0	0	3	C	69
## 1532	1.632382e+19	2020-08-19	0	0	4	F	77
## 1533	1.632636e+19	2020-08-12	0	0	1	F	87
## 1534	1.632685e+18	2020-08-18	0	0	8	A	37
## 1535	1.632900e+19	2020-08-13	0	0	8	C	208
## 1536	1.633072e+19	2020-08-15	0	0	33	A	12
## 1537	1.633174e+19	2020-08-14	0	0	3	A	65
## 1538	1.633801e+19	2020-08-12	0	0	14	A	0
## 1539	1.634706e+19	2020-08-16	0	0	41	A	12
## 1540	1.635516e+19	2020-08-20	0	0	6	G	31
## 1541	1.635657e+19	2020-08-17	0	0	4	D	72
## 1542	1.636419e+19	2020-08-15	0	0	10	A	65
## 1543	1.637044e+19	2020-08-17	0	0	4	A	53
## 1544	1.637469e+19	2020-08-12	0	0	20	B	0
## 1545	1.637761e+19	2020-08-19	1	419	12	A	30
## 1546	1.638137e+19	2020-08-12	0	0	3	A	43
## 1547	1.638194e+18	2020-08-19	0	0	4	A	0
## 1548	1.638795e+19	2020-08-13	0	0	5	A	0
## 1549	1.638891e+19	2020-08-11	0	0	6	A	0
## 1550	1.639102e+19	2020-08-20	0	0	5	A	29
## 1551	1.639259e+19	2020-08-14	0	0	12	C	2
## 1552	1.639854e+19	2020-08-16	0	0	1	A	141
## 1553	1.640095e+19	2020-08-16	0	0	3	A	54
## 1554	1.640559e+19	2020-08-11	0	0	3	A	18
## 1555	1.641893e+19	2020-08-20	0	0	3	C	0

## 1556	1.643669e+19	2020-08-17	0	0	33	A	0
## 1557	1.644820e+19	2020-08-20	0	0	1	G	69
## 1558	1.645346e+19	2020-08-12	0	0	5	C	53
## 1559	1.645430e+19	2020-08-13	0	0	17	B	2
## 1560	1.645972e+19	2020-08-16	0	0	2	C	0
## 1561	1.646484e+19	2020-08-11	0	0	3	B	0
## 1562	1.647102e+19	2020-08-15	0	0	42	B	50
## 1563	1.647105e+19	2020-08-12	0	0	8	F	0
## 1564	1.647389e+18	2020-08-14	0	0	2	A	0
## 1565	1.648130e+19	2020-08-20	0	0	1	A	26
## 1566	1.648348e+19	2020-08-14	0	0	21	A	0
## 1567	1.648369e+19	2020-08-18	0	0	8	A	37
## 1568	1.648648e+19	2020-08-16	0	0	12	A	0
## 1569	1.649819e+19	2020-08-12	0	0	18	B	3
## 1570	1.650575e+19	2020-08-16	0	0	13	C	55
## 1571	1.650690e+19	2020-08-19	0	0	1	A	51
## 1572	1.652028e+19	2020-08-16	0	0	3	A	30
## 1573	1.652273e+19	2020-08-14	0	0	17	F	0
## 1574	1.652555e+19	2020-08-11	1	599	47	C	42
## 1575	1.654323e+19	2020-08-20	0	0	3	A	0
## 1576	1.654952e+19	2020-08-19	0	0	15	B	62
## 1577	1.655350e+19	2020-08-20	0	0	8	A	35
## 1578	1.655431e+19	2020-08-18	0	0	50	F	47
## 1579	1.655993e+19	2020-08-12	0	0	1	D	59
## 1580	1.656561e+19	2020-08-16	0	0	4	A	30
## 1581	1.656805e+19	2020-08-14	0	0	7	A	0
## 1582	1.657429e+19	2020-08-18	0	0	3	E	128
## 1583	1.658182e+19	2020-08-20	0	0	1	A	0
## 1584	1.658735e+19	2020-08-19	0	0	4	A	0
## 1585	1.659340e+19	2020-08-14	0	0	2	A	65
## 1586	1.659649e+19	2020-08-18	0	0	3	C	9
## 1587	1.659930e+19	2020-08-18	0	0	2	C	9
## 1588	1.660231e+19	2020-08-18	0	0	5	A	9
## 1589	1.660727e+19	2020-08-19	0	0	1	A	36
## 1590	1.661418e+19	2020-08-14	0	0	2	A	15
## 1591	1.661476e+19	2020-08-16	0	0	10	A	62
## 1592	1.661502e+19	2020-08-19	0	0	17	A	0
## 1593	1.662696e+19	2020-08-19	0	0	4	D	0
## 1594	1.662800e+19	2020-08-14	0	0	7	B	57
## 1595	1.662881e+19	2020-08-14	0	0	2	D	51
## 1596	1.663644e+18	2020-08-19	0	0	2	A	0
## 1597	1.664446e+19	2020-08-11	0	0	2	A	62
## 1598	1.664977e+19	2020-08-14	0	0	2	B	141
## 1599	1.665202e+19	2020-08-12	0	0	11	A	89
## 1600	1.665244e+19	2020-08-17	0	0	17	<NA>	0
## 1601	1.665333e+19	2020-08-13	0	0	1	A	0
## 1602	1.665636e+19	2020-08-20	0	0	7	A	35
## 1603	1.665862e+19	2020-08-11	0	0	1	F	44
## 1604	1.666383e+19	2020-08-16	0	0	1	<NA>	0
## 1605	1.666812e+19	2020-08-19	0	0	3	A	0
## 1606	1.667138e+19	2020-08-18	0	0	16	A	52
## 1607	1.667336e+19	2020-08-17	0	0	3	A	141
## 1608	1.667548e+19	2020-08-18	0	0	8	A	0
## 1609	1.667659e+19	2020-08-11	0	0	3	E	0

## 1610	1.667861e+19	2020-08-12	0	0	4	A	15
## 1611	1.668526e+19	2020-08-14	0	0	5	A	0
## 1612	1.669149e+19	2020-08-12	0	0	68	A	0
## 1613	1.669781e+19	2020-08-20	0	0	3	A	0
## 1614	1.670078e+19	2020-08-12	0	0	8	A	0
## 1615	1.670259e+19	2020-08-11	3	2217	153	C	0
## 1616	1.670451e+19	2020-08-11	0	0	30	A	92
## 1617	1.671670e+19	2020-08-10	0	0	10	A	45
## 1618	1.672439e+19	2020-08-15	0	0	2	D	65
## 1619	1.672465e+17	2020-08-10	0	0	1	A	0
## 1620	1.672972e+19	2020-08-15	0	0	2	B	0
## 1621	1.673521e+19	2020-08-17	0	0	1	E	0
## 1622	1.673758e+19	2020-08-15	0	0	2	G	0
## 1623	1.675124e+18	2020-08-20	0	0	5	<NA>	81
## 1624	1.675450e+19	2020-08-11	0	0	2	D	0
## 1625	1.676388e+19	2020-08-19	0	0	4	A	0
## 1626	1.676416e+19	2020-08-12	0	0	12	C	39
## 1627	1.676688e+19	2020-08-19	1	1149	28	A	0
## 1628	1.677468e+19	2020-08-15	0	0	25	C	0
## 1629	1.678531e+19	2020-08-19	0	0	1	A	36
## 1630	1.679721e+19	2020-08-16	0	0	14	<NA>	0
## 1631	1.679752e+19	2020-08-11	0	0	10	A	0
## 1632	1.680498e+19	2020-08-20	0	0	40	A	26
## 1633	1.680520e+19	2020-08-19	0	0	11	A	0
## 1634	1.680663e+19	2020-08-17	0	0	3	A	38
## 1635	1.681295e+19	2020-08-17	0	0	23	C	0
## 1636	1.681904e+19	2020-08-20	0	0	4	A	0
## 1637	1.682205e+18	2020-08-19	0	0	7	A	0
## 1638	1.682406e+19	2020-08-19	0	0	1	A	30
## 1639	1.683146e+19	2020-08-12	0	0	1	<NA>	0
## 1640	1.683508e+19	2020-08-19	0	0	4	A	51
## 1641	1.683530e+19	2020-08-14	0	0	4	D	157
## 1642	1.684081e+19	2020-08-19	0	0	2	E	0
## 1643	1.684298e+19	2020-08-10	0	0	1	C	0
## 1644	1.684729e+19	2020-08-14	0	0	2	A	87
## 1645	1.686156e+19	2020-08-10	0	0	1	A	0
## 1646	1.686357e+19	2020-08-14	0	0	28	B	223
## 1647	1.686402e+19	2020-08-20	0	0	4	B	81
## 1648	1.686481e+19	2020-08-19	0	0	14	C	0
## 1649	1.686587e+19	2020-08-14	0	0	1	A	41
## 1650	1.687220e+19	2020-08-20	0	0	6	A	0
## 1651	1.687326e+19	2020-08-15	0	0	4	D	0
## 1652	1.687836e+19	2020-08-18	0	0	3	A	0
## 1653	1.687942e+19	2020-08-12	0	0	4	D	159
## 1654	1.688494e+19	2020-08-11	0	0	25	F	40
## 1655	1.688865e+19	2020-08-18	0	0	4	<NA>	81
## 1656	1.689405e+19	2020-08-10	0	0	12	B	0
## 1657	1.689650e+19	2020-08-11	0	0	4	D	0
## 1658	1.690245e+19	2020-08-18	0	0	2	F	31
## 1659	1.690344e+19	2020-08-17	0	0	65	A	53
## 1660	1.690604e+19	2020-08-19	0	0	1	A	51
## 1661	1.691246e+19	2020-08-16	0	0	61	A	54
## 1662	1.691554e+19	2020-08-20	0	0	5	A	8
## 1663	1.692214e+19	2020-08-13	0	0	3	G	52

## 1664	1.692526e+19	2020-08-11	0	0	7	A	0
## 1665	1.693342e+18	2020-08-16	0	0	30	A	12
## 1666	1.693610e+19	2020-08-18	0	0	3	A	0
## 1667	1.693628e+19	2020-08-12	0	0	48	A	43
## 1668	1.693815e+19	2020-08-13	0	0	1	E	0
## 1669	1.694439e+19	2020-08-18	0	0	1	B	141
## 1670	1.695853e+19	2020-08-17	0	0	1	A	11
## 1671	1.695901e+19	2020-08-20	0	0	2	C	45
## 1672	1.695935e+19	2020-08-19	0	0	1	G	70
## 1673	1.696841e+19	2020-08-20	0	0	3	G	45
## 1674	1.697080e+19	2020-08-13	0	0	9	C	208
## 1675	1.697915e+19	2020-08-19	0	0	2	A	141
## 1676	1.698180e+19	2020-08-11	0	0	2	A	44
## 1677	1.698493e+18	2020-08-15	0	0	1	A	31
## 1678	1.698783e+19	2020-08-14	0	0	1	A	0
## 1679	1.698791e+19	2020-08-14	0	0	4	A	62
## 1680	1.698902e+19	2020-08-16	0	0	10	A	30
## 1681	1.699739e+19	2020-08-13	0	0	6	C	81
## 1682	1.699742e+19	2020-08-10	0	0	27	A	0
## 1683	1.701793e+19	2020-08-20	0	0	16	A	0
## 1684	1.701827e+19	2020-08-20	0	0	1	A	8
## 1685	1.701926e+19	2020-08-20	0	0	1	B	0
## 1686	1.702531e+19	2020-08-20	0	0	1	A	0
## 1687	1.703513e+19	2020-08-17	0	0	3	A	0
## 1688	1.703617e+19	2020-08-19	0	0	1	A	51
## 1689	1.704371e+19	2020-08-18	0	0	2	A	0
## 1690	1.704372e+19	2020-08-12	0	0	26	C	0
## 1691	1.704673e+19	2020-08-10	0	0	10	<NA>	0
## 1692	1.704720e+19	2020-08-17	0	0	56	A	29
## 1693	1.705137e+19	2020-08-13	0	0	8	A	42
## 1694	1.707267e+19	2020-08-11	0	0	27	C	0
## 1695	1.708112e+19	2020-08-18	1	1269	5	G	33
## 1696	1.708126e+19	2020-08-17	0	0	9	A	62
## 1697	1.708173e+19	2020-08-14	0	0	2	A	13
## 1698	1.708262e+19	2020-08-15	0	0	11	A	40
## 1699	1.708508e+19	2020-08-17	0	0	1	D	141
## 1700	1.708654e+19	2020-08-13	0	0	1	A	0
## 1701	1.708758e+19	2020-08-19	0	0	9	G	46
## 1702	1.708894e+19	2020-08-11	0	0	4	C	0
## 1703	1.709348e+19	2020-08-20	0	0	12	G	69
## 1704	1.709932e+19	2020-08-20	0	0	31	A	50
## 1705	1.710818e+19	2020-08-13	0	0	2	D	87
## 1706	1.711783e+19	2020-08-10	0	0	2	A	45
## 1707	1.711840e+18	2020-08-16	0	0	2	D	0
## 1708	1.712892e+19	2020-08-13	0	0	1	A	16
## 1709	1.713684e+19	2020-08-15	0	0	4	A	65
## 1710	1.714708e+18	2020-08-17	0	0	22	A	38
## 1711	1.715343e+19	2020-08-14	0	0	1	D	86
## 1712	1.715723e+18	2020-08-11	0	0	2	A	18
## 1713	1.716085e+19	2020-08-11	0	0	8	G	54
## 1714	1.716984e+19	2020-08-13	0	0	6	G	208
## 1715	1.717016e+19	2020-08-18	0	0	3	D	33
## 1716	1.717772e+19	2020-08-10	0	0	1	A	141
## 1717	1.718602e+19	2020-08-13	0	0	6	A	0

## 1718	1.719464e+19	2020-08-16	0	0	1	B	0
## 1719	1.719880e+19	2020-08-19	0	0	4	A	30
## 1720	1.719972e+19	2020-08-18	1	796	2	D	0
## 1721	1.720956e+19	2020-08-13	0	0	1	A	16
## 1722	1.721119e+19	2020-08-11	0	0	30	A	0
## 1723	1.721565e+19	2020-08-14	0	0	16	C	13
## 1724	1.722431e+18	2020-08-14	0	0	14	C	37
## 1725	1.724379e+19	2020-08-12	0	0	1	A	108
## 1726	1.724682e+19	2020-08-15	0	0	11	A	65
## 1727	1.724841e+19	2020-08-19	0	0	5	E	9
## 1728	1.725135e+19	2020-08-15	0	0	7	A	12
## 1729	1.725328e+19	2020-08-17	0	0	1	F	32
## 1730	1.725383e+19	2020-08-12	0	0	7	E	0
## 1731	1.725431e+19	2020-08-19	0	0	9	D	70
## 1732	1.725672e+19	2020-08-18	0	0	1	A	28
## 1733	1.725884e+19	2020-08-16	0	0	1	A	39
## 1734	1.726870e+19	2020-08-18	0	0	4	D	0
## 1735	1.727570e+19	2020-08-20	0	0	4	A	50
## 1736	1.728180e+19	2020-08-20	0	0	39	C	0
## 1737	1.728663e+19	2020-08-11	0	0	3	A	0
## 1738	1.728929e+19	2020-08-15	0	0	2	A	14
## 1739	1.729646e+18	2020-08-18	0	0	8	F	78
## 1740	1.729681e+19	2020-08-13	0	0	4	<NA>	14
## 1741	1.730425e+19	2020-08-19	0	0	59	A	0
## 1742	1.730696e+19	2020-08-16	0	0	2	A	39
## 1743	1.730794e+19	2020-08-15	0	0	6	G	108
## 1744	1.730946e+19	2020-08-10	0	0	2	D	0
## 1745	1.730952e+19	2020-08-12	0	0	5	C	53
## 1746	1.731135e+19	2020-08-19	0	0	14	F	46
## 1747	1.731181e+18	2020-08-18	0	0	65	A	52
## 1748	1.731574e+19	2020-08-17	0	0	8	C	81
## 1749	1.731879e+19	2020-08-10	0	0	16	B	41
## 1750	1.731993e+19	2020-08-15	0	0	3	A	131
## 1751	1.733195e+19	2020-08-19	0	0	6	B	81
## 1752	1.733653e+19	2020-08-15	0	0	2	A	0
## 1753	1.734331e+19	2020-08-16	0	0	1	A	0
## 1754	1.734802e+19	2020-08-20	0	0	5	A	26
## 1755	1.735589e+19	2020-08-11	0	0	66	A	90
## 1756	1.735841e+19	2020-08-10	1	1149	32	A	0
## 1757	1.736074e+19	2020-08-14	0	0	19	C	57
## 1758	1.736793e+19	2020-08-18	0	0	2	A	31
## 1759	1.736964e+19	2020-08-10	0	0	27	A	17
## 1760	1.738181e+19	2020-08-12	0	0	3	C	0
## 1761	1.738383e+19	2020-08-14	0	0	2	B	37
## 1762	1.738729e+19	2020-08-18	0	0	1	A	0
## 1763	1.739460e+19	2020-08-10	0	0	7	F	0
## 1764	1.739639e+19	2020-08-19	0	0	5	A	27
## 1765	1.741393e+19	2020-08-15	0	0	17	G	156
## 1766	1.742790e+19	2020-08-14	0	0	5	D	41
## 1767	1.743300e+19	2020-08-12	0	0	12	A	15
## 1768	1.743637e+19	2020-08-14	0	0	2	D	0
## 1769	1.743656e+19	2020-08-15	0	0	6	A	0
## 1770	1.743743e+19	2020-08-18	0	0	10	A	0
## 1771	1.744208e+19	2020-08-11	0	0	4	A	0

## 1772	1.744248e+19	2020-08-16	0	0	23	A	54
## 1773	1.745681e+19	2020-08-18	0	0	13	C	0
## 1774	1.746410e+19	2020-08-15	0	0	12	C	50
## 1775	1.746815e+19	2020-08-16	0	0	5	G	84
## 1776	1.749294e+19	2020-08-19	0	0	10	A	70
## 1777	1.749354e+19	2020-08-10	0	0	14	A	43
## 1778	1.750197e+19	2020-08-14	0	0	28	A	14
## 1779	1.750368e+19	2020-08-15	0	0	1	A	50
## 1780	1.750462e+19	2020-08-11	0	0	5	A	135
## 1781	1.750601e+19	2020-08-18	0	0	6	<NA>	81
## 1782	1.750912e+19	2020-08-17	0	0	3	D	0
## 1783	1.750946e+18	2020-08-13	0	0	7	<NA>	2
## 1784	1.752572e+17	2020-08-12	0	0	8	C	0
## 1785	1.752899e+19	2020-08-17	0	0	4	A	32
## 1786	1.753161e+19	2020-08-20	0	0	1	A	0
## 1787	1.753443e+18	2020-08-15	0	0	3	A	12
## 1788	1.753651e+19	2020-08-17	0	0	5	D	0
## 1789	1.753708e+19	2020-08-13	0	0	1	A	0
## 1790	1.754323e+19	2020-08-13	0	0	4	A	0
## 1791	1.755425e+19	2020-08-16	0	0	37	B	35
## 1792	1.755736e+19	2020-08-15	0	0	3	<NA>	81
## 1793	1.755803e+19	2020-08-17	0	0	60	B	34
## 1794	1.755839e+19	2020-08-20	0	0	1	A	35
## 1795	1.756981e+19	2020-08-12	0	0	5	A	0
## 1796	1.758122e+19	2020-08-18	0	0	6	A	0
## 1797	1.758223e+18	2020-08-20	0	0	10	C	81
## 1798	1.758723e+19	2020-08-16	0	0	5	G	35
## 1799	1.759129e+18	2020-08-19	0	0	6	A	127
## 1800	1.759520e+18	2020-08-17	0	0	5	C	0
## 1801	1.760415e+19	2020-08-11	0	0	6	D	40
## 1802	1.761692e+19	2020-08-13	0	0	11	C	0
## 1803	1.761742e+19	2020-08-10	0	0	1	A	0
## 1804	1.762288e+19	2020-08-10	0	0	1	A	19
## 1805	1.763064e+19	2020-08-20	0	0	14	C	0
## 1806	1.763451e+19	2020-08-19	0	0	1	A	8
## 1807	1.763611e+19	2020-08-16	0	0	1	A	49
## 1808	1.764015e+19	2020-08-17	0	0	2	C	0
## 1809	1.764591e+19	2020-08-20	0	0	1	A	0
## 1810	1.765670e+19	2020-08-13	0	0	2	G	52
## 1811	1.766378e+19	2020-08-10	0	0	16	A	141
## 1812	1.766624e+19	2020-08-13	0	0	13	A	0
## 1813	1.768223e+19	2020-08-16	0	0	30	C	81
## 1814	1.768657e+19	2020-08-20	0	0	26	B	62
## 1815	1.768921e+19	2020-08-11	0	0	12	A	16
## 1816	1.769024e+19	2020-08-10	0	0	1	A	17
## 1817	1.769896e+19	2020-08-10	0	0	3	A	18
## 1818	1.769932e+19	2020-08-12	0	0	4	B	0
## 1819	1.770017e+19	2020-08-20	0	0	1	A	7
## 1820	1.770187e+19	2020-08-11	0	0	4	F	0
## 1821	1.770314e+19	2020-08-11	0	0	5	A	0
## 1822	1.770802e+19	2020-08-20	0	0	6	C	0
## 1823	1.771724e+18	2020-08-20	0	0	2	A	0
## 1824	1.772106e+19	2020-08-17	0	0	1	A	29
## 1825	1.772221e+19	2020-08-16	0	0	28	F	35

## 1826	1.772664e+19	2020-08-13	0	0	1	A	0
## 1827	1.772875e+19	2020-08-18	0	0	7	A	37
## 1828	1.773625e+19	2020-08-11	0	0	3	A	109
## 1829	1.773884e+19	2020-08-13	0	0	2	A	0
## 1830	1.774887e+18	2020-08-15	0	0	3	A	105
## 1831	1.775795e+19	2020-08-19	0	0	12	A	51
## 1832	1.777010e+19	2020-08-16	0	0	3	E	0
## 1833	1.777518e+19	2020-08-15	0	0	5	A	0
## 1834	1.777750e+18	2020-08-13	0	0	35	A	0
## 1835	1.778964e+19	2020-08-18	0	0	1	G	223
## 1836	1.779287e+19	2020-08-17	0	0	7	A	29
## 1837	1.779969e+19	2020-08-16	0	0	13	A	0
## 1838	1.779986e+19	2020-08-17	0	0	2	A	0
## 1839	1.780107e+19	2020-08-12	0	0	3	G	53
## 1840	1.780213e+19	2020-08-17	0	0	3	A	0
## 1841	1.783061e+19	2020-08-15	0	0	4	A	14
## 1842	1.783219e+19	2020-08-13	1	2029	2	A	42
## 1843	1.783425e+19	2020-08-16	0	0	3	A	54
## 1844	1.785300e+19	2020-08-19	1	1929	14	A	27
## 1845	1.785371e+19	2020-08-15	0	0	3	A	12
## 1846	1.785830e+19	2020-08-17	0	0	53	A	0
## 1847	1.787131e+19	2020-08-10	0	0	15	A	136
## 1848	1.787639e+18	2020-08-18	0	0	7	A	71
## 1849	1.787639e+19	2020-08-16	0	0	17	F	0
## 1850	1.788311e+19	2020-08-12	0	0	1	<NA>	15
## 1851	1.788726e+19	2020-08-11	0	0	5	G	81
## 1852	1.789172e+19	2020-08-20	0	0	48	A	50
## 1853	1.789198e+19	2020-08-14	0	0	6	A	62
## 1854	1.789500e+19	2020-08-18	0	0	2	A	52
## 1855	1.790746e+19	2020-08-18	0	0	16	B	223
## 1856	1.791466e+19	2020-08-15	0	0	2	A	0
## 1857	1.791653e+19	2020-08-19	0	0	3	A	141
## 1858	1.791929e+19	2020-08-10	0	0	9	A	17
## 1859	1.792347e+19	2020-08-12	0	0	1	A	89
## 1860	1.793111e+19	2020-08-15	0	0	1	A	0
## 1861	1.793530e+18	2020-08-20	0	0	1	A	35
## 1862	1.793594e+19	2020-08-20	0	0	27	A	0
## 1863	1.794280e+19	2020-08-20	0	0	2	A	50
## 1864	1.794619e+19	2020-08-19	0	0	12	D	152
## 1865	1.794856e+18	2020-08-15	0	0	12	F	0
## 1866	1.795148e+18	2020-08-13	0	0	43	C	208
## 1867	1.795234e+19	2020-08-11	0	0	4	A	0
## 1868	1.795946e+19	2020-08-18	0	0	61	A	28
## 1869	1.796195e+18	2020-08-10	0	0	7	C	43
## 1870	1.796780e+18	2020-08-11	1	669	39	C	4
## 1871	1.797042e+18	2020-08-15	0	0	1	A	0
## 1872	1.797588e+19	2020-08-18	0	0	6	A	0
## 1873	1.797935e+19	2020-08-13	0	0	33	A	0
## 1874	1.798459e+19	2020-08-20	0	0	1	A	50
## 1875	1.799005e+19	2020-08-20	0	0	4	A	29
## 1876	1.799320e+19	2020-08-12	0	0	1	D	0
## 1877	1.799459e+19	2020-08-11	0	0	37	A	0
## 1878	1.799959e+19	2020-08-10	0	0	4	A	0
## 1879	1.801048e+18	2020-08-15	0	0	8	B	50

## 1880	1.801190e+19	2020-08-20	0	0	2	D	69
## 1881	1.802045e+19	2020-08-15	0	0	5	A	65
## 1882	1.802143e+18	2020-08-15	0	0	3	A	0
## 1883	1.802161e+19	2020-08-12	0	0	5	A	0
## 1884	1.804087e+19	2020-08-16	0	0	1	A	103
## 1885	1.804861e+19	2020-08-15	0	0	8	A	40
## 1886	1.805154e+19	2020-08-19	0	0	7	A	127
## 1887	1.805566e+19	2020-08-14	0	0	4	G	157
## 1888	1.805665e+19	2020-08-15	0	0	2	E	0
## 1889	1.805897e+18	2020-08-18	0	0	5	C	0
## 1890	1.806104e+19	2020-08-13	0	0	13	C	2
## 1891	1.806123e+19	2020-08-15	0	0	17	A	0
## 1892	1.806593e+19	2020-08-14	0	0	7	A	0
## 1893	1.808230e+19	2020-08-10	0	0	1	A	91
## 1894	1.808456e+19	2020-08-16	0	0	12	C	35
## 1895	1.809749e+17	2020-08-10	0	0	10	D	0
## 1896	1.809908e+19	2020-08-10	0	0	15	B	41
## 1897	1.810372e+19	2020-08-11	0	0	2	G	223
## 1898	1.810749e+19	2020-08-12	0	0	11	<NA>	3
## 1899	1.811348e+19	2020-08-20	0	0	4	A	0
## 1900	1.811353e+19	2020-08-13	0	0	7	A	0
## 1901	1.811509e+19	2020-08-12	0	0	11	B	39
## 1902	1.811612e+19	2020-08-17	0	0	4	A	38
## 1903	1.811748e+19	2020-08-20	0	0	2	A	0
## 1904	1.811791e+19	2020-08-11	0	0	7	A	18
## 1905	1.811831e+19	2020-08-14	0	0	5	A	0
## 1906	1.811892e+19	2020-08-12	0	0	1	D	0
## 1907	1.811941e+19	2020-08-19	0	0	8	B	0
## 1908	1.813584e+19	2020-08-12	0	0	19	A	0
## 1909	1.814758e+19	2020-08-18	0	0	22	A	52
## 1910	1.814847e+19	2020-08-17	0	0	2	A	38
## 1911	1.815054e+19	2020-08-16	0	0	1	A	12
## 1912	1.815606e+18	2020-08-14	0	0	3	A	65
## 1913	1.815662e+19	2020-08-15	0	0	2	A	0
## 1914	1.815950e+19	2020-08-11	0	0	11	A	0
## 1915	1.816713e+19	2020-08-17	0	0	22	A	29
## 1916	1.816940e+19	2020-08-17	0	0	20	B	34
## 1917	1.817720e+19	2020-08-12	0	0	3	A	134
## 1918	1.818185e+19	2020-08-17	0	0	2	A	72
## 1919	1.818824e+19	2020-08-17	0	0	15	A	0
## 1920	1.818867e+19	2020-08-14	0	0	3	A	41
## 1921	1.819199e+19	2020-08-13	0	0	1	A	42
## 1922	1.821195e+19	2020-08-20	0	0	28	B	62
## 1923	1.822136e+19	2020-08-15	0	0	2	B	56
## 1924	1.822226e+19	2020-08-19	0	0	1	A	0
## 1925	1.822729e+19	2020-08-11	0	0	1	A	16
## 1926	1.824518e+19	2020-08-14	0	0	4	E	0
## 1927	1.825016e+19	2020-08-12	0	0	9	B	0
## 1928	1.826257e+19	2020-08-10	0	0	75	A	91
## 1929	1.826680e+19	2020-08-18	0	0	1	D	82
## 1930	1.826895e+19	2020-08-12	0	0	12	D	39
## 1931	1.827078e+19	2020-08-13	0	0	2	D	65
## 1932	1.827252e+19	2020-08-12	0	0	1	A	43
## 1933	1.827468e+19	2020-08-12	0	0	1	A	91

##	1934	1.827991e+18	2020-08-16	0	0	7	C	49
##	1935	1.828869e+19	2020-08-11	0	0	2	D	65
##	1936	1.829435e+19	2020-08-12	0	0	7	C	59
##	1937	1.829669e+19	2020-08-15	0	0	1	A	12
##	1938	1.830127e+19	2020-08-11	0	0	25	G	54
##	1939	1.830270e+19	2020-08-14	0	0	9	A	0
##	1940	1.830276e+19	2020-08-16	0	0	2	A	33
##	1941	1.830281e+19	2020-08-14	0	0	5	A	14
##	1942	1.831398e+19	2020-08-13	0	0	12	A	0
##	1943	1.831851e+19	2020-08-17	0	0	2	A	0
##	1944	1.832349e+19	2020-08-10	0	0	2	A	91
##	1945	1.832397e+19	2020-08-10	0	0	8	A	110
##	1946	1.832918e+19	2020-08-17	0	0	10	A	0
##	1947	1.832946e+19	2020-08-15	0	0	5	A	0
##	1948	1.833229e+19	2020-08-13	0	0	1	B	141
##	1949	1.834199e+18	2020-08-15	0	0	4	A	62
##	1950	1.835426e+19	2020-08-19	0	0	11	C	70
##	1951	1.835750e+19	2020-08-19	0	0	5	C	70
##	1952	1.836754e+19	2020-08-17	1	1799	8	A	10
##	1953	1.836966e+19	2020-08-17	0	0	6	C	208
##	1954	1.836996e+18	2020-08-17	0	0	1	A	53
##	1955	1.837043e+19	2020-08-12	0	0	2	A	0
##	1956	1.837085e+19	2020-08-18	0	0	3	D	0
##	1957	1.837427e+19	2020-08-15	0	0	5	A	65
##	1958	1.837680e+19	2020-08-16	0	0	16	B	35
##	1959	1.838167e+19	2020-08-20	0	0	15	D	29
##	1960	1.838368e+19	2020-08-10	0	0	1	A	0
##	1961	1.839675e+19	2020-08-16	0	0	7	A	0
##	1962	1.840319e+19	2020-08-12	0	0	5	A	108
##	1963	1.840398e+19	2020-08-16	0	0	3	B	0
##	1964	1.840933e+19	2020-08-15	0	0	2	G	36
##	1965	1.841035e+19	2020-08-12	0	0	4	C	208
##	1966	1.841957e+19	2020-08-20	0	0	32	C	26
##	1967	1.842094e+19	2020-08-19	0	0	2	A	0
##	1968	1.842144e+19	2020-08-10	0	0	2	B	79
##	1969	1.843930e+19	2020-08-12	0	0	1	D	81
##	1970	1.844110e+19	2020-08-17	1	1339	12	G	72
##	1971	1.846093e+18	2020-08-17	0	0	54	A	0
##	1972	1.856906e+18	2020-08-13	0	0	10	A	16
##	1973	1.857100e+18	2020-08-11	0	0	5	B	40
##	1974	1.857462e+18	2020-08-11	0	0	5	B	208
##	1975	1.862611e+18	2020-08-10	0	0	13	D	100
##	1976	1.864081e+18	2020-08-12	0	0	1	A	0
##	1977	1.865410e+18	2020-08-15	0	0	2	A	0
##	1978	1.875881e+18	2020-08-20	0	0	3	A	26
##	1979	1.883947e+18	2020-08-10	0	0	2	A	0
##	1980	1.891443e+18	2020-08-16	0	0	10	A	0
##	1981	1.894905e+18	2020-08-16	0	0	1	A	0
##	1982	1.895888e+17	2020-08-11	0	0	3	A	0
##	1983	1.897011e+18	2020-08-18	0	0	36	A	0
##	1984	1.898465e+18	2020-08-14	0	0	1	A	132
##	1985	1.898746e+18	2020-08-13	0	0	1	A	0
##	1986	1.901681e+18	2020-08-14	0	0	1	F	15
##	1987	1.907724e+17	2020-08-16	0	0	6	A	54

##	1988	1.915457e+18	2020-08-16	0	0	3	C	0
##	1989	1.930714e+18	2020-08-18	0	0	7	D	65
##	1990	1.931236e+18	2020-08-13	0	0	24	A	0
##	1991	1.932755e+18	2020-08-13	0	0	3	B	208
##	1992	1.941531e+18	2020-08-20	0	0	2	B	69
##	1993	1.944990e+18	2020-08-17	0	0	48	F	34
##	1994	1.961767e+18	2020-08-12	0	0	2	A	91
##	1995	1.962205e+17	2020-08-20	0	0	10	D	0
##	1996	1.969823e+18	2020-08-11	0	0	2	C	0
##	1997	1.973436e+18	2020-08-16	0	0	23	C	35
##	1998	1.983784e+18	2020-08-14	0	0	8	A	0
##	1999	1.986991e+18	2020-08-11	0	0	8	C	0
##	2000	1.988789e+17	2020-08-19	0	0	1	A	0
##	2001	1.990561e+18	2020-08-14	0	0	4	A	41
##	2002	1.991598e+18	2020-08-18	1	989	48	A	0
##	2003	1.999106e+18	2020-08-18	0	0	2	D	0
##	2004	2.398917e+18	2020-08-13	0	0	7	B	38
##	2005	2.454450e+18	2020-08-14	0	0	3	A	0
##	2006	2.964428e+18	2020-08-16	0	0	22	A	39
##	2007	2.003800e+18	2020-08-18	0	0	14	C	33
##	2008	2.006410e+18	2020-08-18	0	0	2	A	0
##	2009	2.006415e+18	2020-08-16	0	0	1	A	33
##	2010	2.009111e+18	2020-08-19	0	0	4	A	27
##	2011	2.019067e+18	2020-08-20	0	0	5	B	69
##	2012	2.028069e+18	2020-08-14	0	0	3	A	62
##	2013	2.028259e+18	2020-08-17	0	0	4	A	0
##	2014	2.033801e+18	2020-08-20	0	0	4	C	31
##	2015	2.034863e+16	2020-08-17	0	0	3	C	72
##	2016	2.036459e+18	2020-08-12	0	0	1	A	15
##	2017	2.037812e+18	2020-08-20	0	0	1	A	50
##	2018	2.039611e+18	2020-08-11	1	599	34	B	40
##	2019	2.043822e+18	2020-08-13	0	0	7	D	81
##	2020	2.046883e+18	2020-08-18	0	0	31	A	0
##	2021	2.048152e+18	2020-08-12	0	0	2	A	0
##	2022	2.048351e+18	2020-08-12	0	0	81	A	0
##	2023	2.051039e+18	2020-08-16	0	0	11	B	35
##	2024	2.052889e+18	2020-08-17	0	0	5	A	0
##	2025	2.053234e+18	2020-08-15	1	859	1	A	0
##	2026	2.070095e+18	2020-08-12	0	0	10	B	0
##	2027	2.074640e+18	2020-08-15	0	0	10	A	0
##	2028	2.074781e+18	2020-08-20	0	0	8	F	0
##	2029	2.079815e+18	2020-08-19	0	0	21	C	60
##	2030	2.085788e+18	2020-08-13	0	0	3	A	16
##	2031	2.091476e+18	2020-08-20	0	0	2	G	69
##	2032	2.102400e+18	2020-08-19	0	0	1	A	0
##	2033	2.108923e+18	2020-08-19	0	0	13	A	0
##	2034	2.111130e+18	2020-08-17	0	0	3	A	38
##	2035	2.114245e+18	2020-08-19	0	0	1	D	0
##	2036	2.122742e+18	2020-08-10	0	0	74	C	208
##	2037	2.123806e+18	2020-08-19	0	0	14	F	100
##	2038	2.126630e+18	2020-08-19	0	0	3	<NA>	81
##	2039	2.132416e+18	2020-08-10	0	0	16	A	0
##	2040	2.134316e+18	2020-08-20	0	0	10	A	0
##	2041	2.138232e+18	2020-08-10	0	0	8	E	0

##	2042	2.140862e+18	2020-08-10	0	0	45	B	5
##	2043	2.143504e+18	2020-08-14	0	0	1	A	14
##	2044	2.143913e+18	2020-08-19	0	0	6	A	0
##	2045	2.146142e+18	2020-08-14	0	0	12	B	0
##	2046	2.150489e+18	2020-08-14	0	0	6	C	0
##	2047	2.156482e+18	2020-08-20	0	0	12	B	69
##	2048	2.157128e+18	2020-08-12	0	0	7	B	0
##	2049	2.166374e+18	2020-08-12	0	0	1	A	0
##	2050	2.170140e+18	2020-08-20	0	0	8	C	65
##	2051	2.173444e+18	2020-08-18	0	0	1	A	0
##	2052	2.173940e+18	2020-08-19	0	0	1	A	27
##	2053	2.174828e+18	2020-08-15	0	0	15	A	0
##	2054	2.178358e+18	2020-08-17	0	0	3	D	0
##	2055	2.184180e+18	2020-08-12	0	0	4	A	17
##	2056	2.187520e+17	2020-08-17	0	0	21	A	0
##	2057	2.189397e+18	2020-08-15	0	0	41	F	36
##	2058	2.193749e+18	2020-08-19	0	0	2	A	8
##	2059	2.193932e+18	2020-08-10	0	0	1	A	19
##	2060	2.200675e+18	2020-08-16	0	0	2	A	12
##	2061	2.201212e+18	2020-08-18	0	0	7	C	81
##	2062	2.208535e+18	2020-08-15	0	0	1	A	12
##	2063	2.209015e+18	2020-08-12	0	0	3	B	0
##	2064	2.212596e+18	2020-08-18	0	0	1	F	101
##	2065	2.216293e+18	2020-08-18	0	0	2	A	9
##	2066	2.222579e+18	2020-08-20	0	0	29	C	0
##	2067	2.223101e+18	2020-08-12	0	0	11	B	39
##	2068	2.224946e+18	2020-08-14	0	0	3	A	41
##	2069	2.233269e+18	2020-08-19	0	0	6	C	0
##	2070	2.238339e+18	2020-08-15	0	0	5	A	12
##	2071	2.241557e+18	2020-08-11	0	0	2	A	0
##	2072	2.249247e+18	2020-08-17	0	0	11	A	53
##	2073	2.253144e+18	2020-08-12	0	0	4	D	111
##	2074	2.255237e+18	2020-08-16	0	0	10	F	80
##	2075	2.256794e+18	2020-08-16	0	0	4	C	81
##	2076	2.262609e+18	2020-08-15	0	0	2	A	12
##	2077	2.267692e+18	2020-08-12	0	0	14	C	15
##	2078	2.275923e+18	2020-08-20	0	0	18	B	0
##	2079	2.279159e+18	2020-08-19	0	0	1	D	0
##	2080	2.289412e+18	2020-08-16	0	0	2	A	54
##	2081	2.291426e+18	2020-08-17	0	0	4	C	81
##	2082	2.298960e+18	2020-08-10	1	699	18	C	41
##	2083	2.304813e+18	2020-08-14	0	0	3	A	66
##	2084	2.305310e+18	2020-08-10	0	0	1	B	41
##	2085	2.305377e+18	2020-08-10	0	0	1	F	0
##	2086	2.306716e+18	2020-08-15	0	0	10	<NA>	0
##	2087	2.308830e+18	2020-08-20	0	0	14	<NA>	0
##	2088	2.313473e+17	2020-08-17	0	0	2	G	48
##	2089	2.321298e+18	2020-08-10	0	0	51	A	0
##	2090	2.327592e+18	2020-08-18	0	0	2	A	0
##	2091	2.330795e+18	2020-08-12	0	0	1	A	89
##	2092	2.331347e+18	2020-08-11	0	0	4	B	40
##	2093	2.332570e+18	2020-08-14	0	0	6	A	141
##	2094	2.337590e+18	2020-08-16	0	0	6	A	141
##	2095	2.345731e+18	2020-08-15	0	0	5	G	50

##	2096	2.349286e+18	2020-08-18	0	0	3	A	0
##	2097	2.358025e+18	2020-08-11	0	0	46	<NA>	98
##	2098	2.359477e+18	2020-08-11	0	0	3	A	44
##	2099	2.365000e+17	2020-08-14	0	0	10	A	0
##	2100	2.367699e+17	2020-08-11	0	0	1	G	65
##	2101	2.369959e+18	2020-08-17	0	0	1	A	10
##	2102	2.374716e+18	2020-08-13	0	0	1	G	52
##	2103	2.376416e+18	2020-08-16	0	0	1	A	54
##	2104	2.377849e+18	2020-08-11	0	0	29	C	81
##	2105	2.380145e+18	2020-08-16	0	0	2	A	0
##	2106	2.382309e+18	2020-08-17	0	0	2	A	0
##	2107	2.386710e+17	2020-08-15	0	0	5	D	94
##	2108	2.388523e+18	2020-08-10	0	0	2	G	5
##	2109	2.389623e+18	2020-08-11	0	0	9	D	160
##	2110	2.394638e+18	2020-08-17	0	0	4	D	0
##	2111	2.395953e+17	2020-08-15	0	0	4	D	36
##	2112	2.403015e+18	2020-08-18	0	0	8	C	0
##	2113	2.406545e+18	2020-08-14	0	0	4	E	0
##	2114	2.409532e+18	2020-08-14	0	0	1	D	51
##	2115	2.417870e+18	2020-08-15	0	0	2	A	0
##	2116	2.421006e+18	2020-08-12	0	0	1	A	43
##	2117	2.421307e+18	2020-08-20	0	0	5	A	50
##	2118	2.427364e+18	2020-08-16	0	0	1	A	0
##	2119	2.431152e+18	2020-08-10	0	0	1	A	0
##	2120	2.433443e+18	2020-08-17	1	619	4	A	0
##	2121	2.437716e+18	2020-08-20	0	0	3	A	35
##	2122	2.438243e+18	2020-08-17	0	0	2	B	0
##	2123	2.439720e+18	2020-08-12	0	0	10	B	59
##	2124	2.439805e+18	2020-08-14	0	0	7	A	0
##	2125	2.446384e+18	2020-08-13	0	0	7	A	0
##	2126	2.452047e+17	2020-08-17	0	0	1	A	53
##	2127	2.453173e+18	2020-08-13	0	0	12	B	58
##	2128	2.455885e+18	2020-08-17	0	0	1	A	38
##	2129	2.470188e+18	2020-08-15	0	0	2	G	50
##	2130	2.470674e+18	2020-08-18	0	0	6	A	128
##	2131	2.472256e+18	2020-08-13	0	0	2	D	58
##	2132	2.480578e+18	2020-08-16	0	0	4	A	0
##	2133	2.486375e+18	2020-08-17	0	0	17	A	0
##	2134	2.487006e+18	2020-08-12	0	0	3	E	0
##	2135	2.488968e+18	2020-08-13	0	0	1	A	62
##	2136	2.490375e+18	2020-08-20	0	0	2	A	0
##	2137	2.495180e+18	2020-08-15	0	0	8	G	85
##	2138	2.499385e+18	2020-08-16	0	0	1	B	0
##	2139	2.499744e+18	2020-08-14	0	0	43	A	0
##	2140	2.514533e+18	2020-08-13	0	0	1	A	0
##	2141	2.517482e+18	2020-08-10	0	0	37	A	17
##	2142	2.518413e+18	2020-08-10	0	0	4	G	55
##	2143	2.520884e+18	2020-08-19	0	0	15	B	32
##	2144	2.524384e+18	2020-08-15	0	0	5	D	0
##	2145	2.545327e+18	2020-08-11	0	0	4	D	40
##	2146	2.548366e+18	2020-08-12	0	0	3	A	0
##	2147	2.550596e+18	2020-08-16	0	0	15	A	0
##	2148	2.551359e+17	2020-08-12	0	0	8	A	43
##	2149	2.556528e+18	2020-08-19	0	0	2	A	0

##	2150	2.562349e+18	2020-08-20	0	0	1	A	0
##	2151	2.562960e+18	2020-08-15	0	0	1	D	0
##	2152	2.564537e+18	2020-08-10	0	0	1	A	17
##	2153	2.565215e+18	2020-08-10	0	0	1	A	45
##	2154	2.566170e+18	2020-08-17	0	0	17	D	0
##	2155	2.575791e+18	2020-08-11	0	0	11	C	40
##	2156	2.576736e+18	2020-08-13	0	0	2	A	0
##	2157	2.580411e+18	2020-08-14	0	0	9	A	13
##	2158	2.583567e+18	2020-08-12	0	0	9	C	62
##	2159	2.602529e+18	2020-08-12	0	0	1	A	89
##	2160	2.604693e+18	2020-08-15	0	0	16	C	0
##	2161	2.608836e+18	2020-08-10	0	0	4	A	141
##	2162	2.621333e+18	2020-08-20	0	0	3	B	0
##	2163	2.623898e+17	2020-08-12	0	0	49	B	53
##	2164	2.627462e+18	2020-08-17	0	0	3	<NA>	81
##	2165	2.629588e+18	2020-08-20	0	0	2	A	35
##	2166	2.631509e+18	2020-08-19	0	0	2	B	0
##	2167	2.638231e+18	2020-08-12	0	0	4	G	53
##	2168	2.640095e+18	2020-08-17	0	0	32	A	53
##	2169	2.644891e+18	2020-08-17	0	0	2	A	11
##	2170	2.647693e+18	2020-08-16	0	0	1	A	0
##	2171	2.652366e+18	2020-08-15	0	0	42	C	0
##	2172	2.654699e+18	2020-08-16	0	0	5	A	12
##	2173	2.657552e+18	2020-08-14	0	0	13	A	65
##	2174	2.661521e+18	2020-08-10	0	0	5	B	0
##	2175	2.670502e+18	2020-08-10	0	0	33	F	41
##	2176	2.671764e+18	2020-08-13	0	0	19	B	0
##	2177	2.672345e+18	2020-08-18	1	799	23	B	33
##	2178	2.676948e+18	2020-08-10	0	0	15	C	19
##	2179	2.678913e+18	2020-08-15	0	0	12	B	0
##	2180	2.680526e+17	2020-08-19	0	0	1	A	51
##	2181	2.683292e+18	2020-08-17	0	0	7	A	32
##	2182	2.696040e+18	2020-08-11	0	0	4	D	40
##	2183	2.697182e+18	2020-08-20	0	0	1	A	50
##	2184	2.697905e+18	2020-08-16	0	0	39	C	0
##	2185	2.698485e+17	2020-08-16	0	0	4	A	11
##	2186	2.704276e+18	2020-08-13	0	0	35	B	38
##	2187	2.705655e+18	2020-08-14	0	0	2	A	57
##	2188	2.706789e+18	2020-08-19	0	0	8	F	30
##	2189	2.709288e+18	2020-08-13	0	0	2	A	14
##	2190	2.715670e+18	2020-08-19	1	299	10	A	0
##	2191	2.720867e+18	2020-08-12	0	0	5	C	39
##	2192	2.722081e+18	2020-08-15	0	0	24	D	36
##	2193	2.726315e+18	2020-08-17	0	0	5	C	72
##	2194	2.728851e+18	2020-08-20	0	0	7	A	0
##	2195	2.732134e+18	2020-08-19	0	0	2	B	32
##	2196	2.734122e+18	2020-08-18	0	0	3	A	128
##	2197	2.736786e+18	2020-08-18	0	0	91	A	0
##	2198	2.743798e+18	2020-08-19	0	0	2	A	36
##	2199	2.746354e+18	2020-08-17	0	0	1	A	32
##	2200	2.760650e+18	2020-08-18	1	249	8	D	71
##	2201	2.760667e+18	2020-08-13	0	0	1	A	15
##	2202	2.764093e+18	2020-08-10	0	0	1	A	0
##	2203	2.764527e+18	2020-08-11	0	0	1	E	135

##	2204	2.764546e+18	2020-08-19	0	0	31	A	8
##	2205	2.770336e+17	2020-08-11	1	1194	16	D	99
##	2206	2.784667e+17	2020-08-10	0	0	5	A	0
##	2207	2.791574e+18	2020-08-14	0	0	3	C	13
##	2208	2.792204e+17	2020-08-16	0	0	3	A	54
##	2209	2.792302e+18	2020-08-13	0	0	4	A	0
##	2210	2.792964e+18	2020-08-20	0	0	7	A	0
##	2211	2.797125e+18	2020-08-15	0	0	9	D	0
##	2212	2.798831e+18	2020-08-15	0	0	4	A	0
##	2213	2.803742e+18	2020-08-15	0	0	17	B	0
##	2214	2.806503e+18	2020-08-18	0	0	1	B	81
##	2215	2.807356e+18	2020-08-10	0	0	20	A	17
##	2216	2.810712e+18	2020-08-12	0	0	4	A	15
##	2217	2.823819e+18	2020-08-13	0	0	3	G	158
##	2218	2.827017e+18	2020-08-14	0	0	5	B	51
##	2219	2.827186e+18	2020-08-12	0	0	4	A	0
##	2220	2.831684e+18	2020-08-12	0	0	21	C	0
##	2221	2.835813e+18	2020-08-10	0	0	1	A	17
##	2222	2.836247e+18	2020-08-19	0	0	3	D	9
##	2223	2.843763e+18	2020-08-14	0	0	3	B	37
##	2224	2.855130e+18	2020-08-13	0	0	2	B	0
##	2225	2.857284e+18	2020-08-16	0	0	17	A	0
##	2226	2.866556e+18	2020-08-18	0	0	1	A	37
##	2227	2.871475e+16	2020-08-15	0	0	1	A	56
##	2228	2.871780e+18	2020-08-18	0	0	1	A	0
##	2229	2.877201e+18	2020-08-10	0	0	16	A	0
##	2230	2.885123e+18	2020-08-17	0	0	5	A	32
##	2231	2.885416e+18	2020-08-14	0	0	1	A	62
##	2232	2.894036e+17	2020-08-11	0	0	4	G	160
##	2233	2.898384e+18	2020-08-11	0	0	16	A	44
##	2234	2.901660e+18	2020-08-15	0	0	7	A	13
##	2235	2.901758e+18	2020-08-20	0	0	21	G	45
##	2236	2.902481e+18	2020-08-14	0	0	1	A	106
##	2237	2.905715e+18	2020-08-16	0	0	24	A	0
##	2238	2.920627e+18	2020-08-20	0	0	10	A	50
##	2239	2.923279e+18	2020-08-12	0	0	7	A	68
##	2240	2.926980e+18	2020-08-14	0	0	10	C	37
##	2241	2.931740e+18	2020-08-12	0	0	46	C	208
##	2242	2.932467e+18	2020-08-13	0	0	1	A	15
##	2243	2.934784e+17	2020-08-19	0	0	9	G	152
##	2244	2.935750e+18	2020-08-14	0	0	5	A	0
##	2245	2.940008e+18	2020-08-12	0	0	9	C	59
##	2246	2.940411e+18	2020-08-15	0	0	24	C	56
##	2247	2.941314e+18	2020-08-19	0	0	26	B	0
##	2248	2.943406e+18	2020-08-10	0	0	27	C	0
##	2249	2.952255e+18	2020-08-16	0	0	3	B	208
##	2250	2.954995e+18	2020-08-15	0	0	64	A	65
##	2251	2.977930e+18	2020-08-16	0	0	4	A	0
##	2252	2.982460e+18	2020-08-19	0	0	2	B	0
##	2253	2.987502e+18	2020-08-15	0	0	23	A	40
##	2254	2.991404e+18	2020-08-18	0	0	13	D	33
##	2255	2.993515e+18	2020-08-18	0	0	4	A	141
##	2256	2.996316e+18	2020-08-14	0	0	2	A	65
##	2257	2.997991e+18	2020-08-17	0	0	1	A	0

##	2258	2.999000e+18	2020-08-19	0	0	6	D	0
##	2259	3.157150e+18	2020-08-13	0	0	1	A	42
##	2260	3.772441e+18	2020-08-14	0	0	23	B	0
##	2261	3.797895e+18	2020-08-13	0	0	1	G	38
##	2262	3.891453e+18	2020-08-10	0	0	1	A	17
##	2263	3.009622e+18	2020-08-20	0	0	1	A	0
##	2264	3.011294e+18	2020-08-16	0	0	5	D	0
##	2265	3.018608e+18	2020-08-16	0	0	2	D	0
##	2266	3.020398e+18	2020-08-19	0	0	32	B	223
##	2267	3.021192e+18	2020-08-12	0	0	4	A	0
##	2268	3.026882e+18	2020-08-10	0	0	4	A	0
##	2269	3.035495e+18	2020-08-13	0	0	7	C	58
##	2270	3.037722e+18	2020-08-17	0	0	14	F	0
##	2271	3.042757e+18	2020-08-12	0	0	22	A	43
##	2272	3.064298e+18	2020-08-14	0	0	1	E	94
##	2273	3.071135e+18	2020-08-18	1	899	35	F	33
##	2274	3.073777e+18	2020-08-16	0	0	12	F	0
##	2275	3.074636e+18	2020-08-15	0	0	34	G	50
##	2276	3.077942e+18	2020-08-19	0	0	1	A	0
##	2277	3.079318e+18	2020-08-18	0	0	3	C	0
##	2278	3.088165e+18	2020-08-12	0	0	24	A	0
##	2279	3.088612e+18	2020-08-18	0	0	17	D	153
##	2280	3.099510e+18	2020-08-18	0	0	3	B	0
##	2281	3.105181e+18	2020-08-11	0	0	45	F	54
##	2282	3.107862e+18	2020-08-19	0	0	4	D	81
##	2283	3.108020e+18	2020-08-19	0	0	2	A	0
##	2284	3.108615e+18	2020-08-13	0	0	62	A	0
##	2285	3.116520e+18	2020-08-15	0	0	3	A	65
##	2286	3.120087e+18	2020-08-12	0	0	13	A	0
##	2287	3.121847e+18	2020-08-10	0	0	18	C	0
##	2288	3.123824e+18	2020-08-14	0	0	7	C	81
##	2289	3.124368e+18	2020-08-15	0	0	2	A	62
##	2290	3.125327e+18	2020-08-16	0	0	7	D	0
##	2291	3.133350e+18	2020-08-15	1	1299	24	A	40
##	2292	3.136607e+18	2020-08-15	0	0	34	B	81
##	2293	3.138848e+18	2020-08-17	0	0	27	A	53
##	2294	3.141905e+18	2020-08-17	0	0	7	B	0
##	2295	3.143793e+18	2020-08-11	0	0	14	C	40
##	2296	3.150483e+18	2020-08-14	0	0	15	A	41
##	2297	3.154907e+18	2020-08-11	0	0	40	F	40
##	2298	3.155967e+18	2020-08-14	0	0	24	A	13
##	2299	3.157914e+18	2020-08-13	0	0	2	A	14
##	2300	3.159101e+18	2020-08-12	0	0	4	A	0
##	2301	3.160363e+18	2020-08-12	0	0	48	A	0
##	2302	3.171578e+18	2020-08-18	0	0	1	A	102
##	2303	3.172897e+18	2020-08-12	0	0	1	A	43
##	2304	3.174376e+18	2020-08-10	0	0	6	G	0
##	2305	3.177186e+18	2020-08-10	0	0	1	A	45
##	2306	3.177645e+18	2020-08-18	0	0	5	D	47
##	2307	3.187148e+18	2020-08-18	0	0	7	C	81
##	2308	3.190287e+18	2020-08-19	0	0	7	<NA>	0
##	2309	3.195006e+18	2020-08-12	0	0	2	D	88
##	2310	3.197155e+18	2020-08-12	0	0	5	A	43
##	2311	3.206341e+18	2020-08-13	0	0	1	A	0

##	2312	3.207912e+18	2020-08-13	0	0	18	A	14
##	2313	3.208468e+18	2020-08-16	0	0	14	C	0
##	2314	3.210261e+18	2020-08-20	0	0	1	A	0
##	2315	3.210591e+18	2020-08-11	0	0	39	C	0
##	2316	3.212277e+18	2020-08-12	0	0	10	A	141
##	2317	3.213653e+18	2020-08-14	0	0	3	A	13
##	2318	3.216996e+18	2020-08-15	0	0	5	A	0
##	2319	3.217604e+18	2020-08-17	0	0	1	D	0
##	2320	3.218510e+18	2020-08-13	0	0	11	A	65
##	2321	3.223764e+18	2020-08-12	0	0	1	A	0
##	2322	3.228262e+18	2020-08-18	0	0	4	A	0
##	2323	3.247184e+18	2020-08-17	0	0	22	C	32
##	2324	3.256308e+18	2020-08-20	0	0	2	A	26
##	2325	3.271548e+18	2020-08-10	0	0	7	A	0
##	2326	3.273219e+18	2020-08-13	0	0	27	F	38
##	2327	3.277932e+18	2020-08-14	0	0	2	A	41
##	2328	3.278083e+18	2020-08-12	0	0	11	A	0
##	2329	3.290432e+18	2020-08-20	0	0	1	E	8
##	2330	3.291321e+18	2020-08-18	0	0	13	B	71
##	2331	3.293897e+18	2020-08-10	0	0	6	G	161
##	2332	3.295559e+18	2020-08-20	0	0	6	D	0
##	2333	3.303076e+18	2020-08-19	0	0	30	B	0
##	2334	3.304435e+18	2020-08-19	0	0	3	E	0
##	2335	3.306940e+18	2020-08-12	0	0	1	A	15
##	2336	3.309214e+18	2020-08-11	0	0	1	A	44
##	2337	3.309726e+18	2020-08-17	0	0	43	A	0
##	2338	3.310564e+18	2020-08-16	0	0	3	A	54
##	2339	3.317035e+18	2020-08-15	0	0	4	A	105
##	2340	3.317228e+18	2020-08-18	0	0	1	A	9
##	2341	3.321655e+18	2020-08-19	0	0	3	A	62
##	2342	3.327308e+17	2020-08-12	0	0	6	A	91
##	2343	3.332171e+18	2020-08-11	0	0	16	A	0
##	2344	3.332506e+18	2020-08-13	0	0	3	A	0
##	2345	3.340934e+18	2020-08-19	0	0	1	A	0
##	2346	3.341477e+17	2020-08-19	0	0	10	G	104
##	2347	3.354736e+18	2020-08-18	0	0	12	C	31
##	2348	3.357626e+18	2020-08-14	0	0	23	<NA>	0
##	2349	3.360072e+18	2020-08-17	0	0	4	A	0
##	2350	3.362556e+17	2020-08-10	0	0	12	C	0
##	2351	3.372650e+18	2020-08-18	0	0	18	G	47
##	2352	3.374611e+18	2020-08-11	0	0	1	A	0
##	2353	3.376515e+18	2020-08-16	0	0	2	D	49
##	2354	3.376543e+18	2020-08-11	0	0	1	A	18
##	2355	3.380164e+17	2020-08-16	0	0	8	A	0
##	2356	3.381232e+18	2020-08-16	0	0	2	B	141
##	2357	3.382698e+18	2020-08-12	0	0	7	A	0
##	2358	3.384723e+18	2020-08-10	0	0	3	B	0
##	2359	3.384741e+18	2020-08-13	0	0	22	A	15
##	2360	3.396928e+18	2020-08-19	0	0	8	G	208
##	2361	3.400383e+18	2020-08-15	0	0	3	A	0
##	2362	3.404584e+18	2020-08-19	0	0	22	A	51
##	2363	3.405703e+18	2020-08-14	0	0	1	D	0
##	2364	3.413218e+18	2020-08-14	0	0	3	A	0
##	2365	3.421223e+18	2020-08-10	0	0	28	C	81

##	2366	3.424240e+18	2020-08-15	0	0	1	A	0
##	2367	3.425245e+17	2020-08-13	0	0	1	A	14
##	2368	3.428534e+18	2020-08-17	0	0	2	A	11
##	2369	3.428667e+17	2020-08-18	0	0	3	A	52
##	2370	3.431769e+18	2020-08-16	0	0	1	A	30
##	2371	3.432921e+18	2020-08-16	0	0	6	G	49
##	2372	3.432957e+18	2020-08-10	2	1156	22	C	55
##	2373	3.434656e+18	2020-08-14	0	0	23	B	51
##	2374	3.438560e+18	2020-08-20	0	0	1	A	7
##	2375	3.444321e+18	2020-08-15	0	0	10	B	208
##	2376	3.446550e+18	2020-08-20	0	0	6	A	0
##	2377	3.454950e+18	2020-08-20	0	0	10	A	0
##	2378	3.455453e+18	2020-08-17	0	0	44	A	0
##	2379	3.462424e+18	2020-08-16	0	0	1	A	0
##	2380	3.477497e+18	2020-08-10	1	799	38	B	55
##	2381	3.479790e+18	2020-08-19	0	0	14	<NA>	0
##	2382	3.480441e+18	2020-08-13	0	0	34	A	14
##	2383	3.484277e+18	2020-08-20	0	0	34	A	7
##	2384	3.487388e+18	2020-08-20	0	0	8	A	26
##	2385	3.490179e+18	2020-08-19	0	0	6	C	8
##	2386	3.496645e+18	2020-08-12	0	0	7	F	15
##	2387	3.497693e+18	2020-08-12	0	0	1	A	91
##	2388	3.497785e+18	2020-08-11	0	0	10	<NA>	0
##	2389	3.497923e+17	2020-08-12	0	0	3	A	108
##	2390	3.498796e+18	2020-08-16	0	0	11	C	55
##	2391	3.499627e+18	2020-08-11	0	0	4	F	0
##	2392	3.525565e+18	2020-08-18	0	0	41	A	0
##	2393	3.529897e+18	2020-08-13	0	0	17	B	0
##	2394	3.530508e+18	2020-08-12	0	0	72	A	15
##	2395	3.538153e+18	2020-08-16	0	0	2	A	30
##	2396	3.550514e+18	2020-08-20	0	0	9	A	0
##	2397	3.551386e+18	2020-08-16	0	0	6	B	0
##	2398	3.563055e+18	2020-08-19	0	0	6	C	81
##	2399	3.567123e+18	2020-08-15	0	0	7	A	40
##	2400	3.586604e+18	2020-08-20	0	0	14	A	8
##	2401	3.588249e+18	2020-08-19	0	0	1	F	27
##	2402	3.590368e+18	2020-08-14	0	0	2	G	223
##	2403	3.597232e+18	2020-08-17	0	0	14	F	0
##	2404	3.599097e+18	2020-08-20	0	0	2	A	50
##	2405	3.601742e+18	2020-08-18	0	0	6	A	0
##	2406	3.602596e+18	2020-08-13	0	0	2	A	0
##	2407	3.611084e+17	2020-08-15	0	0	1	A	12
##	2408	3.615096e+18	2020-08-16	0	0	2	A	0
##	2409	3.629490e+18	2020-08-17	0	0	3	A	0
##	2410	3.636156e+18	2020-08-20	0	0	3	A	0
##	2411	3.648757e+18	2020-08-11	0	0	1	A	0
##	2412	3.653224e+18	2020-08-15	0	0	2	E	131
##	2413	3.654346e+18	2020-08-18	0	0	1	D	0
##	2414	3.655441e+18	2020-08-14	0	0	5	C	51
##	2415	3.658230e+18	2020-08-11	0	0	52	A	0
##	2416	3.659598e+18	2020-08-16	0	0	3	A	0
##	2417	3.661831e+18	2020-08-12	0	0	12	C	59
##	2418	3.661856e+18	2020-08-20	0	0	1	A	0
##	2419	3.665741e+18	2020-08-15	0	0	5	A	0

##	2420	3.668579e+17	2020-08-10	0	0	7	B	0
##	2421	3.674200e+18	2020-08-19	0	0	8	A	36
##	2422	3.674670e+18	2020-08-10	0	0	9	G	208
##	2423	3.674900e+18	2020-08-17	0	0	2	A	0
##	2424	3.677262e+18	2020-08-20	0	0	21	C	159
##	2425	3.678041e+18	2020-08-16	0	0	4	D	33
##	2426	3.688379e+18	2020-08-20	0	0	1	C	208
##	2427	3.693599e+18	2020-08-10	0	0	18	D	0
##	2428	3.696101e+18	2020-08-10	0	0	1	A	0
##	2429	3.699044e+18	2020-08-18	0	0	2	B	0
##	2430	3.703319e+18	2020-08-14	0	0	3	C	0
##	2431	3.714572e+17	2020-08-14	0	0	1	A	0
##	2432	3.719298e+18	2020-08-16	0	0	46	B	35
##	2433	3.722484e+18	2020-08-14	0	0	16	C	81
##	2434	3.726749e+18	2020-08-17	0	0	1	A	141
##	2435	3.727004e+18	2020-08-19	0	0	2	A	0
##	2436	3.733303e+18	2020-08-12	0	0	3	A	108
##	2437	3.737805e+18	2020-08-16	0	0	5	A	0
##	2438	3.737843e+18	2020-08-10	0	0	1	A	0
##	2439	3.739956e+18	2020-08-16	0	0	6	A	0
##	2440	3.742098e+18	2020-08-14	0	0	19	F	82
##	2441	3.742764e+18	2020-08-11	0	0	1	A	16
##	2442	3.744093e+18	2020-08-14	0	0	19	C	0
##	2443	3.747780e+18	2020-08-15	0	0	11	A	62
##	2444	3.747974e+18	2020-08-18	0	0	27	B	33
##	2445	3.753188e+18	2020-08-10	0	0	8	A	0
##	2446	3.753702e+18	2020-08-19	0	0	22	C	0
##	2447	3.760758e+18	2020-08-14	1	1259	2	A	13
##	2448	3.762724e+18	2020-08-10	0	0	24	B	0
##	2449	3.763318e+18	2020-08-18	0	0	12	A	128
##	2450	3.769596e+18	2020-08-17	0	0	8	G	106
##	2451	3.786028e+18	2020-08-11	0	0	7	A	0
##	2452	3.786689e+18	2020-08-17	0	0	6	A	53
##	2453	3.791032e+18	2020-08-17	0	0	4	A	38
##	2454	3.795057e+18	2020-08-17	0	0	15	A	0
##	2455	3.795640e+18	2020-08-16	0	0	4	A	11
##	2456	3.800502e+18	2020-08-20	0	0	16	F	0
##	2457	3.801113e+18	2020-08-17	0	0	5	D	65
##	2458	3.804745e+17	2020-08-16	0	0	4	A	0
##	2459	3.805482e+18	2020-08-10	0	0	18	B	0
##	2460	3.808631e+18	2020-08-15	0	0	5	A	62
##	2461	3.812425e+17	2020-08-15	0	0	57	C	208
##	2462	3.814612e+18	2020-08-20	0	0	42	B	0
##	2463	3.818596e+18	2020-08-16	0	0	9	A	0
##	2464	3.820399e+18	2020-08-20	0	0	2	A	7
##	2465	3.826353e+18	2020-08-18	0	0	19	F	0
##	2466	3.828783e+18	2020-08-11	0	0	1	D	84
##	2467	3.841594e+18	2020-08-11	0	0	6	A	0
##	2468	3.842593e+18	2020-08-20	0	0	7	F	99
##	2469	3.843521e+18	2020-08-12	0	0	15	A	0
##	2470	3.858021e+18	2020-08-20	0	0	4	D	69
##	2471	3.868655e+18	2020-08-11	0	0	5	D	0
##	2472	3.870333e+18	2020-08-20	0	0	22	A	0
##	2473	3.874627e+18	2020-08-20	0	0	5	C	0

##	2474	3.880921e+18	2020-08-18	0	0	1	A	37
##	2475	3.883519e+18	2020-08-12	0	0	2	E	0
##	2476	3.894336e+17	2020-08-17	0	0	14	A	0
##	2477	3.899195e+18	2020-08-15	0	0	2	B	36
##	2478	3.899773e+18	2020-08-11	0	0	8	A	65
##	2479	3.903061e+18	2020-08-16	0	0	5	G	107
##	2480	3.908184e+18	2020-08-14	0	0	1	A	41
##	2481	3.912191e+18	2020-08-15	0	0	2	B	0
##	2482	3.915746e+17	2020-08-18	0	0	7	A	62
##	2483	3.917188e+17	2020-08-11	0	0	20	C	0
##	2484	3.919757e+18	2020-08-15	0	0	1	A	40
##	2485	3.924927e+18	2020-08-15	0	0	11	A	0
##	2486	3.932072e+18	2020-08-17	0	0	11	B	0
##	2487	3.933851e+18	2020-08-13	0	0	8	A	107
##	2488	3.935560e+18	2020-08-12	0	0	3	A	15
##	2489	3.945821e+15	2020-08-15	0	0	20	F	104
##	2490	3.951218e+18	2020-08-11	0	0	47	B	198
##	2491	3.951649e+18	2020-08-15	0	0	3	A	0
##	2492	3.953232e+18	2020-08-11	0	0	13	A	135
##	2493	3.968233e+18	2020-08-17	0	0	4	A	32
##	2494	3.992019e+18	2020-08-10	0	0	5	A	65
##	2495	3.994316e+17	2020-08-11	0	0	39	A	0
##	2496	4.588421e+18	2020-08-18	0	0	19	B	47
##	2497	4.838475e+18	2020-08-15	1	1149	26	A	0
##	2498	4.002902e+17	2020-08-10	0	0	2	C	0
##	2499	4.007008e+17	2020-08-15	0	0	10	D	65
##	2500	4.013538e+18	2020-08-10	0	0	6	B	41
##	2501	4.016581e+17	2020-08-16	0	0	5	A	104
##	2502	4.024590e+18	2020-08-20	0	0	5	G	31
##	2503	4.025519e+17	2020-08-13	0	0	2	A	14
##	2504	4.037696e+18	2020-08-20	1	229	15	A	126
##	2505	4.038260e+18	2020-08-12	0	0	2	A	16
##	2506	4.049386e+18	2020-08-13	0	0	2	C	208
##	2507	4.049928e+18	2020-08-15	0	0	6	A	62
##	2508	4.053229e+18	2020-08-13	0	0	2	A	0
##	2509	4.056268e+18	2020-08-16	0	0	34	C	0
##	2510	4.061408e+18	2020-08-14	0	0	3	D	0
##	2511	4.063464e+17	2020-08-16	0	0	1	A	0
##	2512	4.063632e+18	2020-08-19	0	0	4	A	0
##	2513	4.066245e+18	2020-08-10	0	0	11	A	0
##	2514	4.075919e+18	2020-08-16	0	0	5	E	12
##	2515	4.078200e+18	2020-08-14	0	0	3	G	37
##	2516	4.082583e+18	2020-08-16	0	0	1	<NA>	81
##	2517	4.084649e+18	2020-08-20	0	0	11	A	35
##	2518	4.087464e+18	2020-08-16	0	0	9	A	0
##	2519	4.096606e+17	2020-08-15	0	0	27	A	40
##	2520	4.096789e+18	2020-08-19	0	0	8	A	0
##	2521	4.096896e+18	2020-08-18	0	0	2	B	71
##	2522	4.103651e+18	2020-08-11	0	0	9	D	81
##	2523	4.104530e+18	2020-08-16	0	0	9	B	0
##	2524	4.109382e+18	2020-08-11	0	0	4	A	0
##	2525	4.109856e+18	2020-08-20	0	0	7	C	69
##	2526	4.113283e+18	2020-08-12	0	0	2	A	0
##	2527	4.118811e+18	2020-08-20	0	0	2	D	31

##	2528	4.125821e+18	2020-08-13	0	0	6	A	0
##	2529	4.130445e+18	2020-08-20	0	0	2	A	0
##	2530	4.134695e+18	2020-08-12	0	0	2	C	15
##	2531	4.145995e+18	2020-08-10	0	0	13	C	17
##	2532	4.146613e+18	2020-08-10	0	0	3	A	0
##	2533	4.152447e+18	2020-08-19	0	0	11	C	70
##	2534	4.156169e+18	2020-08-11	0	0	4	G	54
##	2535	4.156932e+17	2020-08-18	0	0	26	C	0
##	2536	4.164269e+18	2020-08-13	0	0	6	D	38
##	2537	4.164416e+17	2020-08-17	0	0	7	<NA>	0
##	2538	4.166009e+18	2020-08-17	0	0	3	D	34
##	2539	4.191618e+18	2020-08-11	0	0	2	A	18
##	2540	4.191636e+18	2020-08-13	0	0	1	A	0
##	2541	4.192359e+18	2020-08-19	0	0	8	A	101
##	2542	4.196516e+18	2020-08-10	0	0	8	G	41
##	2543	4.196540e+18	2020-08-18	0	0	1	A	0
##	2544	4.206081e+18	2020-08-12	0	0	11	A	0
##	2545	4.208256e+18	2020-08-13	0	0	4	A	0
##	2546	4.210271e+18	2020-08-14	0	0	1	G	86
##	2547	4.212845e+18	2020-08-11	0	0	8	G	4
##	2548	4.230877e+17	2020-08-15	0	0	3	A	0
##	2549	4.236512e+18	2020-08-16	0	0	1	A	0
##	2550	4.247036e+18	2020-08-19	0	0	1	A	0
##	2551	4.252532e+18	2020-08-19	0	0	3	D	70
##	2552	4.257840e+18	2020-08-18	0	0	2	A	28
##	2553	4.260408e+18	2020-08-19	0	0	1	A	36
##	2554	4.261808e+18	2020-08-10	0	0	7	A	110
##	2555	4.267080e+18	2020-08-19	0	0	3	A	0
##	2556	4.269531e+18	2020-08-15	0	0	2	A	0
##	2557	4.273916e+18	2020-08-17	0	0	6	F	79
##	2558	4.282672e+18	2020-08-15	0	0	34	A	0
##	2559	4.282963e+18	2020-08-18	0	0	17	B	0
##	2560	4.283899e+18	2020-08-16	0	0	13	<NA>	0
##	2561	4.289584e+18	2020-08-18	0	0	3	A	0
##	2562	4.290955e+18	2020-08-19	0	0	12	A	8
##	2563	4.295968e+18	2020-08-18	0	0	1	E	90
##	2564	4.309087e+18	2020-08-10	0	0	1	A	17
##	2565	4.311763e+17	2020-08-10	0	0	10	A	0
##	2566	4.312848e+18	2020-08-18	0	0	20	A	9
##	2567	4.313857e+18	2020-08-20	0	0	1	D	69
##	2568	4.319467e+18	2020-08-12	0	0	7	A	0
##	2569	4.326022e+18	2020-08-19	0	0	5	A	141
##	2570	4.329128e+18	2020-08-14	0	0	7	C	81
##	2571	4.332508e+18	2020-08-13	0	0	7	B	0
##	2572	4.333124e+18	2020-08-17	0	0	1	A	32
##	2573	4.344673e+18	2020-08-13	0	0	3	A	65
##	2574	4.345242e+18	2020-08-19	0	0	3	A	0
##	2575	4.346228e+18	2020-08-18	0	0	7	A	0
##	2576	4.357340e+18	2020-08-14	0	0	1	C	57
##	2577	4.373701e+18	2020-08-12	0	0	5	C	59
##	2578	4.382231e+17	2020-08-14	0	0	4	C	0
##	2579	4.405372e+18	2020-08-17	0	0	23	A	11
##	2580	4.416923e+18	2020-08-13	0	0	1	C	58
##	2581	4.416943e+18	2020-08-17	0	0	3	D	81

##	2582	4.427122e+18	2020-08-20	0	0	1	A	141
##	2583	4.431222e+18	2020-08-17	0	0	29	A	38
##	2584	4.431697e+17	2020-08-19	0	0	13	A	0
##	2585	4.435663e+18	2020-08-13	0	0	6	B	38
##	2586	4.436462e+16	2020-08-15	0	0	1	A	62
##	2587	4.441102e+18	2020-08-15	0	0	26	A	13
##	2588	4.443366e+18	2020-08-14	0	0	20	C	15
##	2589	4.443492e+18	2020-08-13	0	0	3	D	0
##	2590	4.463328e+18	2020-08-16	0	0	29	C	0
##	2591	4.464789e+18	2020-08-15	0	0	1	A	62
##	2592	4.471254e+18	2020-08-19	0	0	2	A	0
##	2593	4.471617e+18	2020-08-13	0	0	1	A	16
##	2594	4.473402e+18	2020-08-11	0	0	1	F	0
##	2595	4.473443e+18	2020-08-17	0	0	6	B	72
##	2596	4.474379e+18	2020-08-12	0	0	2	A	62
##	2597	4.481024e+18	2020-08-10	0	0	1	A	0
##	2598	4.483562e+17	2020-08-19	0	0	1	A	51
##	2599	4.484849e+18	2020-08-20	0	0	1	A	0
##	2600	4.484983e+18	2020-08-10	0	0	13	C	17
##	2601	4.491178e+17	2020-08-13	0	0	1	A	0
##	2602	4.491829e+18	2020-08-10	0	0	14	A	0
##	2603	4.492497e+18	2020-08-17	0	0	1	B	72
##	2604	4.492871e+18	2020-08-10	0	0	2	A	110
##	2605	4.494712e+18	2020-08-15	0	0	6	C	50
##	2606	4.500346e+18	2020-08-17	0	0	7	B	72
##	2607	4.501701e+18	2020-08-17	0	0	1	A	38
##	2608	4.503967e+18	2020-08-14	0	0	3	C	208
##	2609	4.509291e+18	2020-08-19	0	0	45	A	27
##	2610	4.510381e+18	2020-08-14	0	0	5	A	0
##	2611	4.512652e+18	2020-08-10	0	0	44	A	0
##	2612	4.525240e+18	2020-08-19	0	0	25	B	32
##	2613	4.529076e+18	2020-08-12	0	0	1	A	0
##	2614	4.531495e+18	2020-08-11	0	0	6	E	0
##	2615	4.531646e+18	2020-08-19	0	0	1	A	0
##	2616	4.534968e+18	2020-08-19	0	0	1	A	51
##	2617	4.536857e+18	2020-08-10	0	0	1	A	0
##	2618	4.537587e+18	2020-08-15	0	0	2	E	0
##	2619	4.543976e+18	2020-08-19	0	0	17	G	46
##	2620	4.548319e+18	2020-08-10	0	0	1	B	43
##	2621	4.551313e+17	2020-08-14	0	0	4	D	37
##	2622	4.554517e+18	2020-08-11	0	0	13	A	0
##	2623	4.556816e+18	2020-08-18	1	399	25	B	62
##	2624	4.560104e+18	2020-08-19	0	0	3	E	0
##	2625	4.562784e+18	2020-08-19	0	0	3	A	0
##	2626	4.568279e+18	2020-08-16	0	0	14	G	49
##	2627	4.573476e+18	2020-08-14	0	0	2	B	0
##	2628	4.574072e+17	2020-08-15	0	0	5	C	208
##	2629	4.574344e+18	2020-08-20	0	0	3	F	69
##	2630	4.577777e+18	2020-08-10	0	0	15	<NA>	5
##	2631	4.583244e+18	2020-08-18	0	0	1	F	101
##	2632	4.583656e+18	2020-08-11	0	0	2	D	0
##	2633	4.584684e+18	2020-08-11	0	0	1	B	0
##	2634	4.587428e+18	2020-08-18	0	0	17	F	31
##	2635	4.587887e+18	2020-08-13	0	0	2	A	16

##	2636	4.590489e+17	2020-08-19	0	0	1	B	70
##	2637	4.592888e+18	2020-08-10	0	0	21	A	0
##	2638	4.597016e+18	2020-08-15	0	0	8	B	0
##	2639	4.597715e+18	2020-08-20	0	0	2	A	0
##	2640	4.598644e+18	2020-08-15	0	0	27	B	223
##	2641	4.600154e+18	2020-08-14	0	0	9	B	0
##	2642	4.601554e+18	2020-08-14	0	0	5	C	57
##	2643	4.603378e+18	2020-08-19	0	0	1	A	0
##	2644	4.608231e+18	2020-08-10	0	0	17	A	93
##	2645	4.609285e+18	2020-08-13	0	0	4	B	0
##	2646	4.616145e+18	2020-08-16	0	0	3	D	0
##	2647	4.622338e+18	2020-08-15	0	0	2	D	81
##	2648	4.625809e+18	2020-08-18	0	0	6	A	141
##	2649	4.637016e+18	2020-08-20	0	0	7	A	29
##	2650	4.644870e+18	2020-08-18	0	0	13	F	101
##	2651	4.647483e+18	2020-08-18	0	0	20	A	10
##	2652	4.653751e+18	2020-08-13	0	0	1	G	110
##	2653	4.655258e+18	2020-08-18	0	0	1	A	0
##	2654	4.656003e+18	2020-08-17	0	0	8	A	11
##	2655	4.656069e+18	2020-08-10	0	0	1	D	18
##	2656	4.656959e+18	2020-08-10	0	0	4	D	0
##	2657	4.664152e+18	2020-08-10	0	0	1	A	0
##	2658	4.666062e+18	2020-08-16	0	0	16	A	30
##	2659	4.668164e+18	2020-08-10	0	0	1	D	0
##	2660	4.670372e+18	2020-08-17	0	0	1	A	0
##	2661	4.688384e+18	2020-08-19	0	0	11	A	127
##	2662	4.693486e+18	2020-08-18	0	0	2	B	208
##	2663	4.706129e+18	2020-08-10	0	0	11	C	81
##	2664	4.710658e+18	2020-08-19	0	0	4	D	0
##	2665	4.719901e+18	2020-08-11	0	0	6	D	0
##	2666	4.725512e+18	2020-08-14	0	0	1	D	0
##	2667	4.726404e+18	2020-08-15	0	0	8	C	0
##	2668	4.731825e+18	2020-08-16	0	0	22	C	33
##	2669	4.734272e+18	2020-08-17	0	0	4	A	32
##	2670	4.735503e+18	2020-08-12	0	0	11	A	0
##	2671	4.735649e+18	2020-08-13	0	0	1	E	0
##	2672	4.743926e+18	2020-08-16	0	0	9	C	0
##	2673	4.746379e+18	2020-08-11	0	0	1	A	65
##	2674	4.747824e+18	2020-08-16	0	0	4	A	39
##	2675	4.749131e+18	2020-08-15	1	1119	15	A	0
##	2676	4.752697e+18	2020-08-18	0	0	12	A	0
##	2677	4.759651e+18	2020-08-16	0	0	8	A	0
##	2678	4.760520e+18	2020-08-11	0	0	2	A	16
##	2679	4.768805e+18	2020-08-15	0	0	1	A	40
##	2680	4.771265e+17	2020-08-12	0	0	4	C	208
##	2681	4.786321e+18	2020-08-10	0	0	20	B	0
##	2682	4.797991e+18	2020-08-20	0	0	2	A	0
##	2683	4.806871e+18	2020-08-19	0	0	3	A	0
##	2684	4.817649e+18	2020-08-15	0	0	9	D	50
##	2685	4.825704e+18	2020-08-13	0	0	1	A	14
##	2686	4.832971e+18	2020-08-17	0	0	18	A	53
##	2687	4.844904e+18	2020-08-10	0	0	2	A	110
##	2688	4.845806e+18	2020-08-13	0	0	4	A	0
##	2689	4.853939e+17	2020-08-19	0	0	5	C	0

##	2690	4.857597e+18	2020-08-17	0	0	18	C	0
##	2691	4.858447e+18	2020-08-13	0	0	5	D	96
##	2692	4.860924e+18	2020-08-13	0	0	10	A	58
##	2693	4.866960e+18	2020-08-20	0	0	1	F	0
##	2694	4.869895e+18	2020-08-13	0	0	13	D	0
##	2695	4.871034e+18	2020-08-20	0	0	5	<NA>	0
##	2696	4.875034e+18	2020-08-19	0	0	7	D	46
##	2697	4.884870e+18	2020-08-19	0	0	4	A	0
##	2698	4.893478e+18	2020-08-16	0	0	3	B	0
##	2699	4.897217e+17	2020-08-18	0	0	9	A	0
##	2700	4.905921e+18	2020-08-20	0	0	1	A	50
##	2701	4.919409e+18	2020-08-14	0	0	34	A	41
##	2702	4.922146e+18	2020-08-11	2	1198	31	B	4
##	2703	4.924949e+18	2020-08-18	0	0	1	A	9
##	2704	4.925041e+18	2020-08-15	0	0	2	A	62
##	2705	4.937005e+18	2020-08-18	0	0	11	A	0
##	2706	4.937606e+18	2020-08-18	0	0	18	A	0
##	2707	4.939198e+18	2020-08-15	0	0	6	C	0
##	2708	4.943001e+18	2020-08-11	0	0	11	D	0
##	2709	4.949230e+18	2020-08-19	0	0	2	A	0
##	2710	4.950248e+18	2020-08-16	0	0	10	G	155
##	2711	4.956827e+17	2020-08-15	0	0	4	A	0
##	2712	4.961939e+18	2020-08-16	0	0	1	A	30
##	2713	4.965044e+18	2020-08-17	0	0	7	A	38
##	2714	4.967249e+18	2020-08-15	0	0	12	A	31
##	2715	4.969631e+18	2020-08-14	0	0	1	F	141
##	2716	4.971411e+18	2020-08-10	0	0	3	A	0
##	2717	4.971965e+18	2020-08-10	0	0	15	C	43
##	2718	4.982843e+18	2020-08-13	0	0	9	A	133
##	2719	4.986428e+17	2020-08-15	0	0	2	B	81
##	2720	4.988427e+18	2020-08-11	0	0	9	F	85
##	2721	4.996204e+18	2020-08-10	0	0	31	A	93
##	2722	4.999903e+18	2020-08-19	0	0	49	A	0
##	2723	4.999955e+18	2020-08-13	0	0	4	A	16
##	2724	5.363805e+18	2020-08-10	0	0	1	D	41
##	2725	5.539860e+18	2020-08-10	0	0	6	G	100
##	2726	5.001116e+18	2020-08-14	0	0	1	A	15
##	2727	5.007027e+18	2020-08-13	0	0	2	B	0
##	2728	5.007701e+18	2020-08-10	0	0	6	A	18
##	2729	5.009065e+17	2020-08-19	0	0	4	A	51
##	2730	5.009273e+18	2020-08-15	0	0	3	D	0
##	2731	5.023690e+18	2020-08-12	0	0	16	C	39
##	2732	5.030588e+18	2020-08-15	0	0	2	A	141
##	2733	5.050347e+18	2020-08-19	0	0	12	C	0
##	2734	5.056627e+18	2020-08-15	0	0	6	A	0
##	2735	5.059969e+18	2020-08-13	0	0	1	A	0
##	2736	5.060765e+18	2020-08-19	0	0	8	A	0
##	2737	5.061533e+18	2020-08-16	0	0	1	A	0
##	2738	5.063752e+18	2020-08-18	0	0	2	B	0
##	2739	5.069101e+18	2020-08-20	0	0	2	G	0
##	2740	5.069114e+18	2020-08-16	0	0	9	D	81
##	2741	5.076204e+18	2020-08-12	0	0	3	D	43
##	2742	5.095477e+18	2020-08-18	0	0	6	D	81
##	2743	5.101213e+18	2020-08-11	0	0	12	A	141

##	2744	5.109338e+18	2020-08-20	0	0	3	A	0
##	2745	5.113580e+18	2020-08-15	1	229	10	A	0
##	2746	5.117260e+17	2020-08-15	0	0	58	A	31
##	2747	5.128429e+18	2020-08-20	0	0	2	B	0
##	2748	5.130348e+18	2020-08-15	0	0	1	A	141
##	2749	5.139417e+18	2020-08-13	0	0	1	F	52
##	2750	5.146477e+18	2020-08-18	0	0	1	B	0
##	2751	5.147804e+18	2020-08-17	0	0	34	B	72
##	2752	5.147949e+18	2020-08-14	0	0	2	A	13
##	2753	5.151372e+18	2020-08-15	0	0	4	A	0
##	2754	5.152436e+18	2020-08-10	0	0	10	A	0
##	2755	5.165777e+18	2020-08-14	0	0	3	D	51
##	2756	5.168332e+18	2020-08-11	0	0	17	B	54
##	2757	5.170516e+18	2020-08-14	0	0	1	A	15
##	2758	5.174076e+18	2020-08-20	0	0	9	C	0
##	2759	5.187351e+17	2020-08-14	0	0	1	E	0
##	2760	5.187512e+18	2020-08-16	0	0	61	A	30
##	2761	5.189422e+18	2020-08-10	0	0	3	C	0
##	2762	5.191048e+18	2020-08-11	0	0	1	B	0
##	2763	5.198300e+18	2020-08-13	0	0	5	D	42
##	2764	5.227839e+18	2020-08-16	0	0	4	C	0
##	2765	5.233488e+18	2020-08-11	1	1299	12	A	44
##	2766	5.235767e+18	2020-08-19	0	0	4	B	141
##	2767	5.236920e+18	2020-08-13	0	0	6	A	0
##	2768	5.238474e+18	2020-08-17	0	0	36	B	0
##	2769	5.243619e+18	2020-08-10	0	0	11	F	45
##	2770	5.247785e+17	2020-08-17	0	0	3	A	0
##	2771	5.249963e+18	2020-08-10	0	0	9	<NA>	0
##	2772	5.251241e+18	2020-08-11	0	0	8	B	0
##	2773	5.269947e+18	2020-08-14	0	0	4	E	0
##	2774	5.272070e+18	2020-08-10	0	0	4	C	43
##	2775	5.281871e+18	2020-08-17	0	0	1	<NA>	0
##	2776	5.291384e+18	2020-08-11	0	0	6	C	16
##	2777	5.291425e+18	2020-08-13	0	0	1	A	15
##	2778	5.296100e+18	2020-08-12	0	0	2	A	0
##	2779	5.296910e+18	2020-08-19	0	0	2	A	30
##	2780	5.300837e+18	2020-08-13	0	0	13	A	0
##	2781	5.309947e+18	2020-08-13	0	0	9	D	0
##	2782	5.316103e+18	2020-08-12	0	0	8	A	43
##	2783	5.316768e+18	2020-08-12	0	0	4	B	0
##	2784	5.320188e+18	2020-08-10	0	0	2	A	17
##	2785	5.321663e+18	2020-08-17	0	0	2	C	72
##	2786	5.325155e+18	2020-08-10	0	0	2	A	0
##	2787	5.326238e+18	2020-08-20	0	0	1	A	0
##	2788	5.327450e+18	2020-08-18	0	0	1	A	9
##	2789	5.327956e+18	2020-08-14	0	0	5	C	0
##	2790	5.329183e+18	2020-08-17	0	0	7	G	34
##	2791	5.329700e+18	2020-08-20	0	0	13	A	7
##	2792	5.340476e+18	2020-08-11	0	0	2	A	18
##	2793	5.343055e+18	2020-08-18	0	0	9	A	102
##	2794	5.344873e+18	2020-08-20	0	0	48	A	0
##	2795	5.347079e+18	2020-08-11	0	0	12	A	0
##	2796	5.352594e+18	2020-08-18	0	0	2	A	9
##	2797	5.358518e+18	2020-08-17	0	0	16	C	0

##	2798	5.359520e+17	2020-08-13	0	0	13	D	0
##	2799	5.364060e+18	2020-08-12	0	0	7	D	81
##	2800	5.368518e+18	2020-08-17	0	0	4	A	38
##	2801	5.374224e+18	2020-08-17	0	0	3	A	10
##	2802	5.375482e+18	2020-08-15	1	398	5	D	50
##	2803	5.389252e+18	2020-08-10	1	799	17	C	43
##	2804	5.393260e+18	2020-08-17	0	0	18	A	0
##	2805	5.407865e+17	2020-08-12	0	0	2	B	208
##	2806	5.433721e+18	2020-08-12	0	0	1	E	0
##	2807	5.440511e+17	2020-08-16	0	0	6	A	39
##	2808	5.446762e+18	2020-08-14	0	0	8	A	141
##	2809	5.450472e+18	2020-08-10	0	0	3	A	0
##	2810	5.451329e+18	2020-08-11	0	0	2	A	0
##	2811	5.451962e+18	2020-08-14	0	0	8	C	37
##	2812	5.454876e+18	2020-08-20	0	0	1	A	26
##	2813	5.464509e+18	2020-08-12	0	0	1	A	141
##	2814	5.466630e+18	2020-08-12	0	0	3	A	15
##	2815	5.469267e+18	2020-08-14	0	0	20	C	0
##	2816	5.471495e+18	2020-08-11	0	0	2	A	0
##	2817	5.475006e+18	2020-08-13	0	0	34	A	65
##	2818	5.479839e+18	2020-08-11	0	0	4	C	54
##	2819	5.490204e+18	2020-08-18	0	0	1	A	52
##	2820	5.493388e+18	2020-08-18	0	0	1	F	0
##	2821	5.496930e+18	2020-08-16	0	0	1	A	30
##	2822	5.501044e+18	2020-08-19	0	0	3	F	70
##	2823	5.509316e+18	2020-08-17	0	0	5	E	0
##	2824	5.510154e+17	2020-08-20	0	0	6	A	0
##	2825	5.511503e+18	2020-08-10	0	0	21	A	18
##	2826	5.512420e+18	2020-08-15	0	0	24	F	40
##	2827	5.515922e+18	2020-08-13	0	0	32	A	42
##	2828	5.522389e+18	2020-08-13	1	859	27	C	0
##	2829	5.540279e+18	2020-08-14	0	0	4	A	0
##	2830	5.541563e+18	2020-08-20	0	0	2	B	0
##	2831	5.549326e+18	2020-08-16	0	0	1	A	11
##	2832	5.549734e+18	2020-08-12	0	0	9	A	0
##	2833	5.552496e+18	2020-08-14	0	0	4	<NA>	0
##	2834	5.554192e+18	2020-08-17	0	0	1	A	32
##	2835	5.555115e+18	2020-08-10	0	0	14	A	0
##	2836	5.565772e+18	2020-08-16	0	0	2	A	0
##	2837	5.570937e+18	2020-08-10	0	0	3	<NA>	0
##	2838	5.575949e+18	2020-08-10	0	0	11	A	0
##	2839	5.576566e+17	2020-08-20	0	0	1	A	0
##	2840	5.582777e+18	2020-08-15	0	0	1	A	65
##	2841	5.585370e+18	2020-08-13	0	0	1	A	0
##	2842	5.588098e+18	2020-08-14	1	1499	4	A	14
##	2843	5.595045e+18	2020-08-17	0	0	22	D	34
##	2844	5.607994e+18	2020-08-16	0	0	12	A	0
##	2845	5.610029e+18	2020-08-20	0	0	3	A	69
##	2846	5.612122e+18	2020-08-16	0	0	14	A	104
##	2847	5.627403e+18	2020-08-18	0	0	31	B	81
##	2848	5.631888e+18	2020-08-18	0	0	4	D	31
##	2849	5.634610e+18	2020-08-13	0	0	2	A	86
##	2850	5.635838e+18	2020-08-20	0	0	16	B	0
##	2851	5.650880e+18	2020-08-10	0	0	2	B	208

##	2852	5.652180e+18	2020-08-16	0	0	5	E	0
##	2853	5.654876e+18	2020-08-10	0	0	12	A	0
##	2854	5.656117e+18	2020-08-15	0	0	18	C	81
##	2855	5.657727e+18	2020-08-11	1	1199	26	B	0
##	2856	5.662668e+18	2020-08-20	0	0	5	A	0
##	2857	5.668741e+18	2020-08-19	0	0	2	A	8
##	2858	5.670691e+18	2020-08-17	0	0	4	A	10
##	2859	5.676104e+17	2020-08-18	0	0	3	A	102
##	2860	5.676546e+16	2020-08-20	0	0	5	A	35
##	2861	5.677142e+18	2020-08-13	0	0	29	C	14
##	2862	5.679282e+18	2020-08-17	0	0	14	A	0
##	2863	5.744533e+17	2020-08-19	0	0	17	C	65
##	2864	5.745603e+18	2020-08-13	0	0	1	F	14
##	2865	5.757101e+18	2020-08-11	0	0	4	A	44
##	2866	5.759402e+18	2020-08-10	0	0	16	C	41
##	2867	5.760138e+18	2020-08-11	0	0	21	B	81
##	2868	5.765199e+17	2020-08-15	0	0	4	A	14
##	2869	5.768489e+18	2020-08-10	0	0	2	A	0
##	2870	5.775694e+18	2020-08-11	0	0	9	F	0
##	2871	5.785983e+18	2020-08-10	0	0	2	G	223
##	2872	5.789667e+17	2020-08-17	0	0	7	A	53
##	2873	5.796730e+17	2020-08-13	0	0	1	A	65
##	2874	5.796944e+18	2020-08-12	0	0	34	A	43
##	2875	5.797412e+18	2020-08-11	0	0	30	A	92
##	2876	5.797532e+17	2020-08-14	0	0	4	A	0
##	2877	5.798506e+18	2020-08-11	0	0	2	A	0
##	2878	5.800078e+18	2020-08-15	0	0	62	A	0
##	2879	5.803739e+18	2020-08-14	0	0	23	A	0
##	2880	5.812006e+18	2020-08-20	0	0	1	B	0
##	2881	5.812812e+18	2020-08-17	0	0	4	C	0
##	2882	5.828682e+18	2020-08-20	0	0	5	A	7
##	2883	5.829330e+18	2020-08-10	0	0	1	A	0
##	2884	5.829958e+16	2020-08-15	0	0	6	A	0
##	2885	5.837176e+18	2020-08-18	0	0	19	B	0
##	2886	5.841033e+18	2020-08-15	0	0	12	A	40
##	2887	5.844544e+18	2020-08-16	0	0	5	E	0
##	2888	5.850841e+18	2020-08-16	0	0	9	A	0
##	2889	5.851976e+18	2020-08-10	0	0	8	D	41
##	2890	5.859835e+18	2020-08-10	0	0	18	A	0
##	2891	5.862979e+18	2020-08-14	0	0	25	A	0
##	2892	5.863167e+18	2020-08-10	0	0	1	A	0
##	2893	5.864863e+17	2020-08-12	0	0	2	A	0
##	2894	5.868200e+18	2020-08-15	0	0	5	E	0
##	2895	5.870499e+18	2020-08-10	0	0	14	A	0
##	2896	5.871301e+18	2020-08-10	0	0	2	A	0
##	2897	5.872669e+18	2020-08-11	0	0	2	A	18
##	2898	5.882620e+18	2020-08-19	0	0	1	A	8
##	2899	5.885587e+18	2020-08-16	0	0	14	A	39
##	2900	5.894675e+18	2020-08-10	0	0	1	A	17
##	2901	5.898630e+17	2020-08-12	0	0	8	E	0
##	2902	5.898969e+18	2020-08-20	0	0	4	A	0
##	2903	5.903307e+18	2020-08-13	0	0	3	A	16
##	2904	5.906446e+18	2020-08-19	0	0	1	G	152
##	2905	5.914169e+18	2020-08-11	0	0	1	A	0

##	2906	5.919113e+18	2020-08-10	0	0	26	B	0
##	2907	5.922956e+18	2020-08-13	0	0	1	A	0
##	2908	5.923589e+18	2020-08-14	0	0	2	F	105
##	2909	5.926255e+18	2020-08-18	0	0	4	A	10
##	2910	5.926621e+18	2020-08-20	0	0	4	A	69
##	2911	5.930224e+18	2020-08-12	0	0	15	B	0
##	2912	5.931166e+18	2020-08-20	0	0	10	B	31
##	2913	5.932481e+17	2020-08-10	0	0	7	C	0
##	2914	5.938079e+18	2020-08-10	0	0	1	A	110
##	2915	5.938923e+18	2020-08-13	0	0	2	E	0
##	2916	5.940061e+18	2020-08-17	0	0	13	A	0
##	2917	5.946475e+18	2020-08-13	0	0	3	G	158
##	2918	5.946500e+18	2020-08-20	0	0	2	A	100
##	2919	5.947567e+18	2020-08-10	0	0	7	A	65
##	2920	5.948892e+18	2020-08-16	0	0	1	A	0
##	2921	5.954865e+18	2020-08-10	0	0	2	A	0
##	2922	5.956549e+18	2020-08-20	0	0	4	D	0
##	2923	5.962139e+18	2020-08-12	0	0	6	D	39
##	2924	5.964148e+18	2020-08-13	0	0	1	A	0
##	2925	5.964350e+18	2020-08-12	0	0	7	A	141
##	2926	5.964719e+17	2020-08-19	0	0	2	A	9
##	2927	5.965146e+18	2020-08-19	0	0	2	A	101
##	2928	5.968865e+18	2020-08-18	0	0	1	A	37
##	2929	5.971665e+18	2020-08-11	0	0	6	C	16
##	2930	5.971968e+18	2020-08-16	0	0	22	B	49
##	2931	5.972891e+18	2020-08-20	1	939	37	C	0
##	2932	5.977210e+18	2020-08-13	0	0	8	A	0
##	2933	5.985101e+18	2020-08-15	0	0	10	A	14
##	2934	5.989887e+18	2020-08-20	0	0	4	E	0
##	2935	5.999596e+18	2020-08-20	0	0	7	D	29
##	2936	6.126528e+18	2020-08-15	0	0	30	B	0
##	2937	6.591877e+18	2020-08-13	0	0	20	B	0
##	2938	6.004333e+18	2020-08-10	0	0	2	A	0
##	2939	6.005755e+18	2020-08-12	0	0	11	B	53
##	2940	6.019319e+18	2020-08-20	0	0	15	B	223
##	2941	6.023662e+18	2020-08-15	0	0	12	A	0
##	2942	6.025940e+18	2020-08-17	0	0	1	G	34
##	2943	6.047388e+18	2020-08-13	0	0	1	E	0
##	2944	6.047885e+18	2020-08-13	0	0	20	<NA>	0
##	2945	6.051988e+18	2020-08-12	0	0	6	C	81
##	2946	6.052654e+18	2020-08-10	0	0	10	C	55
##	2947	6.062274e+18	2020-08-16	0	0	2	C	11
##	2948	6.065020e+18	2020-08-18	0	0	1	A	28
##	2949	6.072907e+18	2020-08-11	0	0	5	A	44
##	2950	6.077783e+17	2020-08-14	0	0	3	<NA>	95
##	2951	6.078855e+18	2020-08-16	0	0	29	F	103
##	2952	6.082551e+18	2020-08-14	0	0	10	A	65
##	2953	6.097432e+18	2020-08-19	0	0	10	A	0
##	2954	6.100394e+18	2020-08-13	0	0	10	B	0
##	2955	6.104155e+18	2020-08-19	0	0	7	A	0
##	2956	6.106808e+18	2020-08-12	0	0	4	A	43
##	2957	6.107433e+18	2020-08-10	0	0	5	G	100
##	2958	6.107894e+18	2020-08-10	0	0	2	A	0
##	2959	6.109199e+18	2020-08-16	0	0	1	A	30

##	2960	6.137312e+18	2020-08-13	0	0	19	A	0
##	2961	6.141073e+18	2020-08-18	0	0	12	A	0
##	2962	6.155783e+17	2020-08-17	0	0	2	A	103
##	2963	6.158579e+18	2020-08-10	0	0	8	G	161
##	2964	6.160279e+18	2020-08-11	1	659	7	C	0
##	2965	6.162553e+18	2020-08-20	0	0	2	D	0
##	2966	6.165186e+18	2020-08-17	0	0	19	F	32
##	2967	6.165868e+18	2020-08-13	0	0	2	A	0
##	2968	6.168664e+18	2020-08-15	0	0	7	D	156
##	2969	6.172649e+16	2020-08-16	0	0	1	A	0
##	2970	6.177099e+18	2020-08-20	0	0	47	<NA>	124
##	2971	6.179106e+18	2020-08-10	0	0	2	A	0
##	2972	6.179334e+18	2020-08-17	0	0	11	C	34
##	2973	6.181040e+18	2020-08-15	0	0	3	A	0
##	2974	6.187386e+18	2020-08-20	0	0	1	A	29
##	2975	6.196486e+18	2020-08-16	0	0	6	A	0
##	2976	6.200579e+18	2020-08-16	0	0	4	A	54
##	2977	6.201189e+16	2020-08-12	0	0	20	C	17
##	2978	6.204652e+17	2020-08-19	0	0	50	A	51
##	2979	6.207153e+18	2020-08-20	0	0	1	A	141
##	2980	6.211179e+18	2020-08-14	0	0	8	A	41
##	2981	6.216053e+18	2020-08-13	0	0	32	F	52
##	2982	6.220750e+18	2020-08-11	0	0	1	A	0
##	2983	6.224759e+17	2020-08-19	0	0	2	B	0
##	2984	6.226211e+18	2020-08-11	0	0	5	F	54
##	2985	6.227226e+17	2020-08-13	0	0	2	A	0
##	2986	6.228538e+18	2020-08-14	0	0	2	A	0
##	2987	6.235386e+18	2020-08-16	0	0	15	A	0
##	2988	6.238005e+18	2020-08-13	0	0	1	C	0
##	2989	6.242527e+18	2020-08-15	0	0	7	C	0
##	2990	6.243852e+18	2020-08-14	0	0	11	D	109
##	2991	6.250131e+18	2020-08-15	0	0	12	A	65
##	2992	6.250377e+18	2020-08-14	0	0	5	C	0
##	2993	6.250685e+18	2020-08-16	0	0	6	B	35
##	2994	6.269480e+18	2020-08-18	0	0	8	A	71
##	2995	6.281764e+18	2020-08-10	0	0	12	A	45
##	2996	6.294387e+18	2020-08-15	0	0	5	A	0
##	2997	6.295367e+18	2020-08-18	0	0	3	B	71
##	2998	6.295398e+18	2020-08-18	0	0	39	<NA>	126
##	2999	6.305988e+18	2020-08-14	0	0	10	G	51
##	3000	6.312313e+18	2020-08-14	0	0	28	B	2
##	3001	6.314672e+17	2020-08-18	0	0	6	A	0
##	3002	6.315269e+17	2020-08-18	0	0	4	A	52
##	3003	6.316993e+17	2020-08-20	0	0	3	D	81
##	3004	6.318326e+18	2020-08-12	0	0	10	F	0
##	3005	6.324158e+18	2020-08-15	0	0	3	D	0
##	3006	6.325128e+18	2020-08-18	0	0	11	C	47
##	3007	6.326391e+18	2020-08-19	0	0	1	A	36
##	3008	6.327799e+18	2020-08-16	0	0	7	G	208
##	3009	6.332241e+18	2020-08-17	0	0	65	A	0
##	3010	6.337213e+18	2020-08-20	0	0	1	A	7
##	3011	6.365014e+18	2020-08-11	1	1299	25	A	44
##	3012	6.365977e+18	2020-08-15	0	0	3	<NA>	0
##	3013	6.367803e+18	2020-08-11	0	0	1	A	44

##	3014	6.378772e+18	2020-08-15	0	0	7	A	0
##	3015	6.384366e+16	2020-08-18	0	0	18	A	0
##	3016	6.386471e+18	2020-08-16	0	0	2	D	55
##	3017	6.387058e+17	2020-08-13	0	0	6	B	223
##	3018	6.391494e+18	2020-08-19	0	0	29	C	0
##	3019	6.392560e+18	2020-08-20	0	0	6	D	65
##	3020	6.402024e+18	2020-08-16	0	0	33	A	39
##	3021	6.402645e+18	2020-08-16	0	0	9	F	33
##	3022	6.406231e+18	2020-08-11	0	0	7	A	0
##	3023	6.422412e+17	2020-08-12	0	0	8	D	39
##	3024	6.423033e+17	2020-08-10	0	0	3	A	109
##	3025	6.438253e+18	2020-08-20	0	0	9	<NA>	0
##	3026	6.438686e+18	2020-08-14	0	0	1	A	65
##	3027	6.439545e+18	2020-08-11	0	0	7	G	40
##	3028	6.441338e+18	2020-08-19	0	0	8	D	70
##	3029	6.448888e+18	2020-08-19	1	599	26	C	81
##	3030	6.451337e+17	2020-08-14	0	0	6	A	0
##	3031	6.451807e+18	2020-08-11	0	0	2	A	0
##	3032	6.468974e+18	2020-08-13	0	0	4	A	62
##	3033	6.483310e+18	2020-08-14	0	0	2	A	141
##	3034	6.483641e+18	2020-08-11	0	0	15	C	0
##	3035	6.486891e+18	2020-08-13	0	0	2	A	0
##	3036	6.488048e+18	2020-08-14	0	0	5	G	51
##	3037	6.488907e+18	2020-08-10	0	0	41	D	0
##	3038	6.490662e+18	2020-08-14	0	0	18	B	0
##	3039	6.492582e+18	2020-08-10	0	0	7	E	0
##	3040	6.499568e+18	2020-08-10	0	0	9	A	141
##	3041	6.504248e+18	2020-08-19	0	0	6	C	70
##	3042	6.504591e+18	2020-08-18	0	0	5	A	0
##	3043	6.505788e+17	2020-08-18	0	0	1	A	31
##	3044	6.507058e+18	2020-08-14	0	0	2	A	13
##	3045	6.509164e+18	2020-08-15	0	0	5	A	40
##	3046	6.510625e+18	2020-08-11	0	0	55	B	4
##	3047	6.516154e+18	2020-08-13	0	0	2	D	110
##	3048	6.519405e+18	2020-08-19	0	0	2	A	141
##	3049	6.525511e+18	2020-08-15	0	0	4	A	0
##	3050	6.530412e+18	2020-08-11	0	0	3	A	0
##	3051	6.531055e+18	2020-08-10	0	0	1	A	45
##	3052	6.531631e+18	2020-08-17	0	0	12	<NA>	0
##	3053	6.532099e+18	2020-08-12	0	0	27	B	223
##	3054	6.534042e+18	2020-08-18	0	0	1	A	9
##	3055	6.537251e+18	2020-08-20	0	0	4	A	0
##	3056	6.537544e+18	2020-08-16	0	0	30	B	223
##	3057	6.540189e+18	2020-08-14	0	0	4	A	0
##	3058	6.553829e+18	2020-08-10	0	0	1	A	45
##	3059	6.553844e+18	2020-08-10	0	0	8	A	93
##	3060	6.555412e+18	2020-08-17	0	0	2	B	0
##	3061	6.556363e+18	2020-08-16	0	0	31	A	0
##	3062	6.558586e+18	2020-08-15	0	0	6	B	36
##	3063	6.561500e+18	2020-08-10	0	0	2	D	0
##	3064	6.567261e+18	2020-08-17	0	0	103	A	0
##	3065	6.567773e+18	2020-08-16	0	0	21	A	0
##	3066	6.570032e+17	2020-08-17	0	0	3	A	0
##	3067	6.572723e+18	2020-08-19	0	0	1	F	30

##	3068	6.572733e+18	2020-08-16	0	0	3	A	0
##	3069	6.574852e+18	2020-08-20	0	0	17	A	8
##	3070	6.582589e+17	2020-08-12	0	0	4	A	43
##	3071	6.582623e+18	2020-08-20	0	0	1	D	31
##	3072	6.584697e+18	2020-08-19	0	0	22	A	51
##	3073	6.590866e+18	2020-08-20	0	0	2	B	208
##	3074	6.610344e+18	2020-08-19	0	0	2	A	0
##	3075	6.618541e+18	2020-08-18	0	0	1	A	52
##	3076	6.630610e+18	2020-08-18	0	0	23	C	28
##	3077	6.630906e+18	2020-08-14	0	0	1	A	13
##	3078	6.633239e+17	2020-08-13	0	0	1	A	0
##	3079	6.650686e+18	2020-08-16	0	0	1	D	141
##	3080	6.651947e+16	2020-08-14	0	0	6	A	0
##	3081	6.656636e+18	2020-08-12	0	0	2	A	0
##	3082	6.656740e+18	2020-08-11	0	0	2	D	81
##	3083	6.668415e+18	2020-08-12	0	0	4	A	43
##	3084	6.669063e+18	2020-08-11	0	0	11	A	0
##	3085	6.683254e+18	2020-08-14	0	0	1	A	65
##	3086	6.683369e+18	2020-08-18	0	0	2	A	0
##	3087	6.684060e+18	2020-08-10	0	0	2	A	0
##	3088	6.685909e+17	2020-08-17	0	0	1	A	0
##	3089	6.688191e+18	2020-08-12	0	0	17	A	43
##	3090	6.688203e+18	2020-08-14	0	0	1	A	0
##	3091	6.690635e+18	2020-08-11	0	0	4	D	0
##	3092	6.693509e+18	2020-08-14	0	0	57	A	65
##	3093	6.694108e+17	2020-08-13	0	0	1	F	0
##	3094	6.712127e+18	2020-08-19	0	0	4	A	9
##	3095	6.714381e+18	2020-08-15	0	0	5	A	0
##	3096	6.715708e+18	2020-08-12	0	0	3	C	0
##	3097	6.717045e+18	2020-08-10	0	0	12	A	45
##	3098	6.719910e+18	2020-08-11	0	0	1	D	17
##	3099	6.722995e+18	2020-08-18	0	0	5	A	0
##	3100	6.724285e+18	2020-08-12	0	0	1	A	17
##	3101	6.729153e+18	2020-08-11	0	0	6	B	40
##	3102	6.733580e+17	2020-08-15	0	0	6	C	0
##	3103	6.741996e+18	2020-08-10	0	0	25	B	41
##	3104	6.744514e+18	2020-08-12	0	0	19	G	39
##	3105	6.755476e+18	2020-08-10	0	0	2	A	17
##	3106	6.757356e+18	2020-08-14	0	0	1	A	15
##	3107	6.761081e+18	2020-08-20	0	0	2	D	29
##	3108	6.767967e+18	2020-08-11	1	799	37	B	54
##	3109	6.769305e+18	2020-08-10	0	0	3	A	0
##	3110	6.770626e+18	2020-08-17	0	0	8	A	29
##	3111	6.773851e+18	2020-08-15	0	0	2	A	0
##	3112	6.775902e+18	2020-08-13	0	0	13	B	38
##	3113	6.784112e+18	2020-08-10	0	0	1	G	208
##	3114	6.790181e+18	2020-08-16	0	0	5	A	0
##	3115	6.798186e+18	2020-08-15	0	0	1	G	50
##	3116	6.798223e+18	2020-08-17	0	0	3	A	0
##	3117	6.799390e+18	2020-08-16	0	0	29	A	0
##	3118	6.802662e+18	2020-08-13	0	0	5	A	141
##	3119	6.806344e+18	2020-08-16	0	0	22	B	81
##	3120	6.822127e+18	2020-08-17	0	0	1	A	0
##	3121	6.829450e+16	2020-08-15	0	0	1	A	141

##	3122	6.836893e+18	2020-08-10	0	0	1	D	65
##	3123	6.837217e+18	2020-08-12	0	0	2	G	3
##	3124	6.837925e+18	2020-08-13	1	739	85	C	0
##	3125	6.846751e+18	2020-08-13	1	1489	44	A	0
##	3126	6.863087e+17	2020-08-18	0	0	1	B	33
##	3127	6.881725e+18	2020-08-18	0	0	30	A	37
##	3128	6.889881e+18	2020-08-19	0	0	10	D	70
##	3129	6.892811e+18	2020-08-18	0	0	21	A	10
##	3130	6.899364e+18	2020-08-17	0	0	14	B	81
##	3131	6.903979e+18	2020-08-10	0	0	2	A	0
##	3132	6.907608e+18	2020-08-18	0	0	2	E	0
##	3133	6.908860e+18	2020-08-10	0	0	3	F	45
##	3134	6.909503e+18	2020-08-14	1	349	22	C	0
##	3135	6.910563e+18	2020-08-14	0	0	20	A	41
##	3136	6.916509e+18	2020-08-18	0	0	14	A	0
##	3137	6.922663e+18	2020-08-16	0	0	34	D	0
##	3138	6.923543e+18	2020-08-17	0	0	15	A	38
##	3139	6.930358e+18	2020-08-10	1	1299	12	B	0
##	3140	6.930598e+18	2020-08-15	0	0	6	B	36
##	3141	6.941279e+18	2020-08-12	0	0	7	D	53
##	3142	6.941309e+18	2020-08-16	0	0	4	A	141
##	3143	6.942130e+18	2020-08-13	0	0	25	B	2
##	3144	6.969322e+18	2020-08-15	0	0	11	C	122
##	3145	6.979955e+18	2020-08-13	0	0	16	A	65
##	3146	6.981331e+18	2020-08-13	0	0	10	A	0
##	3147	6.991926e+18	2020-08-20	0	0	5	B	31
##	3148	6.993088e+18	2020-08-14	0	0	6	D	0
##	3149	7.900790e+18	2020-08-17	0	0	1	D	0
##	3150	7.955460e+18	2020-08-13	0	0	3	A	0
##	3151	7.004660e+18	2020-08-11	0	0	5	E	17
##	3152	7.006152e+17	2020-08-14	0	0	1	A	41
##	3153	7.008425e+18	2020-08-18	0	0	13	B	62
##	3154	7.013127e+18	2020-08-10	0	0	5	D	100
##	3155	7.016439e+18	2020-08-15	0	0	43	A	0
##	3156	7.016777e+18	2020-08-20	0	0	1	A	0
##	3157	7.018557e+17	2020-08-15	0	0	1	A	13
##	3158	7.019533e+18	2020-08-11	0	0	6	D	40
##	3159	7.022549e+17	2020-08-18	0	0	15	<NA>	0
##	3160	7.025462e+18	2020-08-10	0	0	2	A	93
##	3161	7.043918e+18	2020-08-16	0	0	9	A	0
##	3162	7.045315e+18	2020-08-18	0	0	4	A	0
##	3163	7.045615e+18	2020-08-20	0	0	20	G	103
##	3164	7.047349e+18	2020-08-14	0	0	1	A	0
##	3165	7.058467e+18	2020-08-20	0	0	28	<NA>	0
##	3166	7.061165e+17	2020-08-13	0	0	2	F	16
##	3167	7.092153e+17	2020-08-16	0	0	6	A	0
##	3168	7.094502e+18	2020-08-13	0	0	31	C	0
##	3169	7.100468e+18	2020-08-20	0	0	20	C	59
##	3170	7.104634e+18	2020-08-16	0	0	1	E	130
##	3171	7.108914e+18	2020-08-14	0	0	4	B	0
##	3172	7.112705e+18	2020-08-19	0	0	2	A	0
##	3173	7.115217e+18	2020-08-15	0	0	3	A	0
##	3174	7.121243e+18	2020-08-18	0	0	1	A	0
##	3175	7.121587e+18	2020-08-15	0	0	1	A	65

##	3176	7.134908e+18	2020-08-16	0	0	1	C	208
##	3177	7.141484e+18	2020-08-12	0	0	1	A	87
##	3178	7.144598e+18	2020-08-15	0	0	7	B	0
##	3179	7.151093e+18	2020-08-10	0	0	21	B	41
##	3180	7.154061e+18	2020-08-11	0	0	1	A	65
##	3181	7.155729e+18	2020-08-20	0	0	1	B	0
##	3182	7.171898e+17	2020-08-14	0	0	2	D	0
##	3183	7.177252e+18	2020-08-13	0	0	24	A	14
##	3184	7.179963e+18	2020-08-12	0	0	3	A	16
##	3185	7.182121e+18	2020-08-13	0	0	6	C	0
##	3186	7.186031e+18	2020-08-10	0	0	18	A	0
##	3187	7.189346e+18	2020-08-18	0	0	10	G	47
##	3188	7.200939e+18	2020-08-17	0	0	5	A	0
##	3189	7.203968e+18	2020-08-15	0	0	22	D	0
##	3190	7.206436e+18	2020-08-12	0	0	13	A	0
##	3191	7.206555e+18	2020-08-16	0	0	9	D	107
##	3192	7.208115e+18	2020-08-11	0	0	7	D	0
##	3193	7.219191e+18	2020-08-15	0	0	4	B	0
##	3194	7.225776e+18	2020-08-16	0	0	2	A	54
##	3195	7.226122e+18	2020-08-12	0	0	125	C	0
##	3196	7.235648e+18	2020-08-17	0	0	4	B	81
##	3197	7.242583e+17	2020-08-10	0	0	14	A	0
##	3198	7.244264e+18	2020-08-17	0	0	1	A	38
##	3199	7.245596e+18	2020-08-15	0	0	11	C	36
##	3200	7.249632e+18	2020-08-13	0	0	5	A	62
##	3201	7.254219e+17	2020-08-14	0	0	3	A	0
##	3202	7.255267e+18	2020-08-10	1	209	11	A	0
##	3203	7.264625e+18	2020-08-10	0	0	44	C	43
##	3204	7.264899e+18	2020-08-19	0	0	4	A	0
##	3205	7.270733e+18	2020-08-15	0	0	8	A	65
##	3206	7.270811e+18	2020-08-10	0	0	39	C	5
##	3207	7.284309e+17	2020-08-17	0	0	18	C	81
##	3208	7.284521e+18	2020-08-14	0	0	1	A	15
##	3209	7.292421e+18	2020-08-11	0	0	4	C	42
##	3210	7.301447e+18	2020-08-10	0	0	25	C	0
##	3211	7.304979e+18	2020-08-20	0	0	11	A	0
##	3212	7.311349e+18	2020-08-11	0	0	6	<NA>	0
##	3213	7.316244e+18	2020-08-10	0	0	9	D	0
##	3214	7.316477e+18	2020-08-11	0	0	10	<NA>	0
##	3215	7.323486e+18	2020-08-18	0	0	2	A	31
##	3216	7.325653e+18	2020-08-11	0	0	3	A	16
##	3217	7.332243e+18	2020-08-15	0	0	3	A	0
##	3218	7.334661e+18	2020-08-20	0	0	56	C	31
##	3219	7.338340e+18	2020-08-19	0	0	1	B	0
##	3220	7.339583e+18	2020-08-18	0	0	1	A	0
##	3221	7.351584e+18	2020-08-18	0	0	24	C	81
##	3222	7.355156e+18	2020-08-15	0	0	9	E	0
##	3223	7.360075e+18	2020-08-19	0	0	1	A	9
##	3224	7.377342e+16	2020-08-14	0	0	2	A	141
##	3225	7.387894e+15	2020-08-11	0	0	46	B	40
##	3226	7.388691e+18	2020-08-14	0	0	7	A	41
##	3227	7.388953e+18	2020-08-19	0	0	7	G	223
##	3228	7.390504e+18	2020-08-19	0	0	10	C	0
##	3229	7.394080e+17	2020-08-11	0	0	13	C	42

##	3230	7.416444e+18	2020-08-19	0	0	4	A	51
##	3231	7.419356e+18	2020-08-17	0	0	1	A	53
##	3232	7.421091e+18	2020-08-14	0	0	3	A	0
##	3233	7.426594e+18	2020-08-11	0	0	9	C	0
##	3234	7.427288e+18	2020-08-10	0	0	5	B	0
##	3235	7.428145e+18	2020-08-19	0	0	43	A	0
##	3236	7.428673e+18	2020-08-17	0	0	3	A	10
##	3237	7.434930e+18	2020-08-18	0	0	8	A	31
##	3238	7.435856e+18	2020-08-17	0	0	2	B	0
##	3239	7.437594e+17	2020-08-11	0	0	1	A	44
##	3240	7.444633e+18	2020-08-16	0	0	1	A	0
##	3241	7.446760e+18	2020-08-12	0	0	30	C	59
##	3242	7.449010e+18	2020-08-12	0	0	5	C	39
##	3243	7.452402e+17	2020-08-12	0	0	34	A	0
##	3244	7.466766e+16	2020-08-14	0	0	2	A	0
##	3245	7.474573e+18	2020-08-10	0	0	5	D	141
##	3246	7.485324e+18	2020-08-15	0	0	1	E	0
##	3247	7.486304e+18	2020-08-13	0	0	2	C	0
##	3248	7.489006e+18	2020-08-14	0	0	2	G	109
##	3249	7.499064e+18	2020-08-16	0	0	10	A	33
##	3250	7.510039e+18	2020-08-16	0	0	4	D	49
##	3251	7.511396e+18	2020-08-12	0	0	49	A	0
##	3252	7.514065e+18	2020-08-17	0	0	9	A	0
##	3253	7.523767e+18	2020-08-14	0	0	2	A	15
##	3254	7.528251e+18	2020-08-16	0	0	1	D	84
##	3255	7.546260e+18	2020-08-18	1	739	117	C	0
##	3256	7.553898e+18	2020-08-15	0	0	14	A	0
##	3257	7.556491e+18	2020-08-17	0	0	10	D	106
##	3258	7.565522e+18	2020-08-18	0	0	3	E	0
##	3259	7.565933e+18	2020-08-14	0	0	2	A	0
##	3260	7.569945e+18	2020-08-10	0	0	1	A	0
##	3261	7.572206e+18	2020-08-19	0	0	1	B	0
##	3262	7.575848e+18	2020-08-18	0	0	1	C	71
##	3263	7.577124e+18	2020-08-15	0	0	1	A	62
##	3264	7.577491e+18	2020-08-15	0	0	9	G	50
##	3265	7.591820e+18	2020-08-13	0	0	2	A	65
##	3266	7.593885e+18	2020-08-18	0	0	1	E	0
##	3267	7.595094e+18	2020-08-17	0	0	2	A	129
##	3268	7.608038e+17	2020-08-17	0	0	17	D	72
##	3269	7.610186e+18	2020-08-20	0	0	5	A	0
##	3270	7.612893e+18	2020-08-17	0	0	19	B	0
##	3271	7.618859e+18	2020-08-13	0	0	21	C	58
##	3272	7.635394e+18	2020-08-14	0	0	2	A	13
##	3273	7.637789e+18	2020-08-10	0	0	34	A	45
##	3274	7.642339e+18	2020-08-14	0	0	4	A	0
##	3275	7.645990e+18	2020-08-15	0	0	2	A	40
##	3276	7.646341e+18	2020-08-19	0	0	1	A	51
##	3277	7.651573e+18	2020-08-17	0	0	6	C	10
##	3278	7.661673e+18	2020-08-16	0	0	30	A	0
##	3279	7.662268e+17	2020-08-16	0	0	2	A	0
##	3280	7.664059e+18	2020-08-15	0	0	1	A	40
##	3281	7.667383e+17	2020-08-19	0	0	13	A	0
##	3282	7.668046e+18	2020-08-17	0	0	4	B	0
##	3283	7.669553e+18	2020-08-11	0	0	3	A	18

##	3284	7.676290e+18	2020-08-20	0	0	2	A	100
##	3285	7.680807e+17	2020-08-17	0	0	1	F	72
##	3286	7.682866e+18	2020-08-14	0	0	1	B	57
##	3287	7.684290e+18	2020-08-15	0	0	22	B	50
##	3288	7.696480e+18	2020-08-12	0	0	6	B	39
##	3289	7.699336e+18	2020-08-11	0	0	2	A	108
##	3290	7.708710e+18	2020-08-10	0	0	13	B	41
##	3291	7.709203e+18	2020-08-13	0	0	3	D	138
##	3292	7.713928e+18	2020-08-17	0	0	19	B	0
##	3293	7.714546e+18	2020-08-15	0	0	9	A	0
##	3294	7.717834e+18	2020-08-11	0	0	14	<NA>	4
##	3295	7.719391e+18	2020-08-17	0	0	10	A	129
##	3296	7.721533e+18	2020-08-16	0	0	8	A	33
##	3297	7.726962e+18	2020-08-17	0	0	1	A	38
##	3298	7.729974e+18	2020-08-16	0	0	6	A	0
##	3299	7.732278e+18	2020-08-13	0	0	5	A	0
##	3300	7.737503e+18	2020-08-12	0	0	1	A	0
##	3301	7.740033e+18	2020-08-18	0	0	1	A	0
##	3302	7.745941e+18	2020-08-18	0	0	3	A	37
##	3303	7.748144e+18	2020-08-15	0	0	14	F	36
##	3304	7.749485e+18	2020-08-14	0	0	18	G	51
##	3305	7.752831e+18	2020-08-12	0	0	10	F	0
##	3306	7.756706e+18	2020-08-10	0	0	2	A	17
##	3307	7.761927e+18	2020-08-19	0	0	10	A	36
##	3308	7.761960e+18	2020-08-13	0	0	1	A	42
##	3309	7.766191e+18	2020-08-12	1	398	11	D	0
##	3310	7.771926e+18	2020-08-17	0	0	2	A	38
##	3311	7.773339e+18	2020-08-20	0	0	1	C	69
##	3312	7.774221e+18	2020-08-20	0	0	6	A	8
##	3313	7.778065e+18	2020-08-20	0	0	3	A	141
##	3314	7.779455e+18	2020-08-18	0	0	4	D	0
##	3315	7.780333e+18	2020-08-19	0	0	1	E	127
##	3316	7.789278e+18	2020-08-16	0	0	9	C	81
##	3317	7.793977e+18	2020-08-15	0	0	2	A	31
##	3318	7.800180e+18	2020-08-11	0	0	1	A	0
##	3319	7.809019e+18	2020-08-19	0	0	23	<NA>	0
##	3320	7.811938e+18	2020-08-19	0	0	9	A	0
##	3321	7.814907e+17	2020-08-13	0	0	2	A	62
##	3322	7.816687e+17	2020-08-16	0	0	8	E	0
##	3323	7.818807e+18	2020-08-18	0	0	18	A	52
##	3324	7.819715e+17	2020-08-13	0	0	10	A	0
##	3325	7.831184e+18	2020-08-15	1	1339	5	A	65
##	3326	7.831320e+18	2020-08-11	0	0	4	A	16
##	3327	7.842665e+18	2020-08-10	1	739	146	C	0
##	3328	7.844158e+18	2020-08-19	0	0	1	A	0
##	3329	7.848343e+17	2020-08-16	0	0	12	C	81
##	3330	7.852788e+18	2020-08-12	0	0	7	D	39
##	3331	7.856647e+18	2020-08-14	0	0	2	A	0
##	3332	7.856913e+18	2020-08-20	0	0	5	<NA>	0
##	3333	7.861040e+18	2020-08-13	0	0	2	A	0
##	3334	7.862834e+17	2020-08-12	0	0	5	A	0
##	3335	7.868715e+18	2020-08-17	0	0	3	A	53
##	3336	7.869887e+18	2020-08-14	0	0	7	A	0
##	3337	7.880114e+18	2020-08-12	0	0	1	A	141

## 3338	7.880707e+18	2020-08-10	0	0	16	A	65
## 3339	7.887109e+18	2020-08-17	0	0	8	A	0
## 3340	7.887417e+18	2020-08-17	0	0	8	D	0
## 3341	7.889684e+18	2020-08-18	0	0	5	C	65
## 3342	7.893561e+18	2020-08-19	0	0	8	A	0
## 3343	7.899009e+18	2020-08-17	0	0	5	E	0
## 3344	7.899761e+18	2020-08-17	0	0	1	A	141
## 3345	7.901546e+18	2020-08-14	0	0	2	A	0
## 3346	7.908537e+18	2020-08-12	0	0	11	G	159
## 3347	7.914418e+18	2020-08-10	0	0	3	D	0
## 3348	7.915887e+18	2020-08-17	0	0	2	D	0
## 3349	7.916509e+17	2020-08-14	0	0	28	A	13
## 3350	7.917630e+18	2020-08-19	0	0	3	A	8
## 3351	7.940163e+18	2020-08-17	0	0	2	A	0
## 3352	7.953371e+18	2020-08-14	1	499	43	B	37
## 3353	7.964293e+18	2020-08-17	0	0	2	D	72
## 3354	7.965620e+18	2020-08-13	0	0	17	A	42
## 3355	7.971804e+18	2020-08-13	0	0	6	B	38
## 3356	7.988949e+18	2020-08-15	0	0	2	A	0
## 3357	7.991096e+18	2020-08-12	0	0	20	F	39
## 3358	7.998947e+18	2020-08-11	0	0	36	A	16
## 3359	7.999709e+18	2020-08-17	0	0	13	B	34
## 3360	8.665018e+18	2020-08-17	0	0	56	F	48
## 3361	8.001160e+18	2020-08-17	0	0	2	G	208
## 3362	8.002405e+18	2020-08-14	0	0	34	F	105
## 3363	8.002984e+18	2020-08-16	0	0	7	A	54
## 3364	8.003383e+18	2020-08-10	0	0	9	<NA>	0
## 3365	8.004076e+18	2020-08-13	0	0	4	C	14
## 3366	8.007180e+18	2020-08-17	0	0	1	A	53
## 3367	8.033966e+18	2020-08-15	0	0	10	A	141
## 3368	8.035954e+18	2020-08-18	0	0	3	D	0
## 3369	8.048581e+18	2020-08-16	0	0	10	A	55
## 3370	8.050069e+18	2020-08-11	0	0	26	A	0
## 3371	8.059834e+17	2020-08-15	0	0	1	A	40
## 3372	8.062663e+17	2020-08-15	0	0	1	A	13
## 3373	8.064840e+18	2020-08-11	0	0	21	C	81
## 3374	8.065416e+18	2020-08-19	0	0	22	C	27
## 3375	8.067233e+18	2020-08-17	0	0	8	A	53
## 3376	8.075404e+17	2020-08-12	0	0	1	A	89
## 3377	8.076179e+18	2020-08-20	0	0	5	D	0
## 3378	8.081003e+18	2020-08-13	0	0	4	D	0
## 3379	8.092093e+18	2020-08-15	0	0	4	G	223
## 3380	8.094714e+18	2020-08-14	0	0	1	A	65
## 3381	8.100122e+17	2020-08-19	0	0	1	A	0
## 3382	8.100454e+18	2020-08-12	0	0	28	A	0
## 3383	8.106075e+18	2020-08-11	0	0	26	A	16
## 3384	8.106287e+18	2020-08-11	0	0	17	A	0
## 3385	8.106377e+18	2020-08-11	0	0	45	A	0
## 3386	8.107859e+18	2020-08-11	0	0	2	A	0
## 3387	8.110731e+18	2020-08-14	0	0	11	F	0
## 3388	8.110885e+18	2020-08-19	1	899	21	C	0
## 3389	8.113499e+18	2020-08-20	0	0	1	A	35
## 3390	8.115669e+18	2020-08-10	0	0	1	A	0
## 3391	8.115915e+18	2020-08-12	0	0	1	E	134

## 3392	8.116123e+18	2020-08-16	0	0	4	A	0
## 3393	8.130562e+18	2020-08-13	0	0	24	C	58
## 3394	8.138662e+18	2020-08-11	0	0	9	F	109
## 3395	8.141617e+18	2020-08-14	0	0	18	A	0
## 3396	8.143949e+18	2020-08-15	0	0	1	A	0
## 3397	8.143994e+18	2020-08-18	0	0	3	A	28
## 3398	8.144246e+17	2020-08-16	1	989	52	A	0
## 3399	8.159704e+18	2020-08-16	1	1729	8	A	0
## 3400	8.161941e+18	2020-08-18	0	0	2	G	208
## 3401	8.163425e+18	2020-08-14	0	0	37	F	37
## 3402	8.167109e+16	2020-08-15	0	0	16	<NA>	0
## 3403	8.167116e+18	2020-08-12	0	0	2	D	0
## 3404	8.172947e+18	2020-08-18	0	0	20	B	0
## 3405	8.173611e+18	2020-08-16	0	0	5	A	33
## 3406	8.178739e+18	2020-08-16	0	0	32	B	0
## 3407	8.185758e+18	2020-08-17	0	0	1	<NA>	81
## 3408	8.192011e+18	2020-08-10	0	0	3	D	0
## 3409	8.193290e+18	2020-08-12	0	0	33	F	15
## 3410	8.204230e+17	2020-08-11	0	0	2	A	90
## 3411	8.211551e+18	2020-08-17	0	0	3	B	34
## 3412	8.215334e+18	2020-08-12	0	0	1	A	0
## 3413	8.221568e+18	2020-08-19	0	0	18	B	0
## 3414	8.223072e+18	2020-08-17	0	0	1	A	38
## 3415	8.223337e+18	2020-08-10	0	0	5	E	18
## 3416	8.227283e+18	2020-08-17	0	0	6	D	0
## 3417	8.230593e+18	2020-08-19	0	0	9	F	101
## 3418	8.231115e+18	2020-08-20	0	0	2	A	0
## 3419	8.231582e+18	2020-08-20	0	0	10	B	0
## 3420	8.238008e+18	2020-08-17	0	0	6	A	103
## 3421	8.239642e+17	2020-08-12	0	0	3	A	0
## 3422	8.245665e+18	2020-08-12	0	0	5	A	0
## 3423	8.248904e+17	2020-08-17	0	0	2	F	0
## 3424	8.252997e+18	2020-08-13	0	0	22	B	81
## 3425	8.262759e+18	2020-08-17	0	0	4	C	72
## 3426	8.272898e+18	2020-08-16	0	0	9	A	0
## 3427	8.282085e+18	2020-08-16	0	0	2	D	0
## 3428	8.282117e+18	2020-08-20	0	0	2	D	0
## 3429	8.287692e+18	2020-08-15	0	0	4	A	0
## 3430	8.288853e+18	2020-08-11	0	0	11	C	0
## 3431	8.292690e+18	2020-08-11	0	0	8	A	44
## 3432	8.305647e+18	2020-08-13	0	0	14	B	0
## 3433	8.313684e+18	2020-08-18	0	0	9	A	9
## 3434	8.324885e+18	2020-08-13	0	0	3	A	0
## 3435	8.332206e+18	2020-08-16	0	0	4	A	0
## 3436	8.335720e+18	2020-08-10	0	0	59	B	41
## 3437	8.337848e+18	2020-08-12	0	0	7	A	108
## 3438	8.344489e+18	2020-08-17	0	0	31	A	53
## 3439	8.345390e+18	2020-08-20	0	0	8	A	50
## 3440	8.347616e+18	2020-08-18	0	0	6	A	0
## 3441	8.350776e+18	2020-08-17	0	0	1	<NA>	29
## 3442	8.361649e+18	2020-08-19	0	0	5	C	208
## 3443	8.362061e+17	2020-08-10	1	599	29	B	41
## 3444	8.367628e+18	2020-08-18	0	0	13	F	102
## 3445	8.371797e+18	2020-08-12	0	0	5	D	0

## 3446	8.372691e+18	2020-08-20	0	0	2	A	81
## 3447	8.374136e+18	2020-08-19	0	0	2	A	36
## 3448	8.374809e+18	2020-08-13	0	0	27	A	0
## 3449	8.385826e+18	2020-08-18	0	0	35	A	37
## 3450	8.388813e+18	2020-08-18	0	0	4	A	28
## 3451	8.390325e+18	2020-08-18	0	0	2	A	37
## 3452	8.407988e+18	2020-08-14	0	0	15	F	0
## 3453	8.409048e+18	2020-08-14	0	0	1	D	37
## 3454	8.424142e+18	2020-08-16	0	0	1	A	0
## 3455	8.427921e+18	2020-08-19	0	0	91	A	0
## 3456	8.440934e+18	2020-08-17	0	0	5	A	141
## 3457	8.441380e+18	2020-08-15	0	0	33	A	31
## 3458	8.447005e+18	2020-08-19	0	0	35	A	51
## 3459	8.447059e+18	2020-08-15	0	0	2	A	62
## 3460	8.452745e+18	2020-08-10	0	0	1	A	0
## 3461	8.454003e+18	2020-08-14	0	0	11	F	106
## 3462	8.455254e+18	2020-08-10	0	0	8	A	45
## 3463	8.455860e+17	2020-08-11	0	0	22	F	16
## 3464	8.463513e+18	2020-08-11	0	0	4	A	0
## 3465	8.469272e+18	2020-08-17	0	0	28	B	72
## 3466	8.469887e+18	2020-08-20	0	0	4	A	0
## 3467	8.472394e+18	2020-08-20	0	0	20	C	0
## 3468	8.472968e+18	2020-08-20	0	0	16	G	103
## 3469	8.473833e+18	2020-08-20	0	0	1	A	29
## 3470	8.475500e+18	2020-08-12	0	0	1	A	15
## 3471	8.484053e+18	2020-08-20	0	0	20	A	0
## 3472	8.487247e+18	2020-08-11	0	0	4	F	141
## 3473	8.487770e+18	2020-08-17	0	0	4	A	0
## 3474	8.502334e+18	2020-08-18	0	0	2	B	0
## 3475	8.502405e+16	2020-08-18	1	569	6	A	52
## 3476	8.503918e+18	2020-08-20	0	0	2	A	0
## 3477	8.505223e+18	2020-08-12	0	0	26	F	53
## 3478	8.507542e+18	2020-08-10	0	0	3	A	19
## 3479	8.507750e+17	2020-08-12	0	0	2	A	0
## 3480	8.512435e+18	2020-08-13	0	0	8	A	0
## 3481	8.512809e+18	2020-08-14	0	0	27	B	0
## 3482	8.519240e+18	2020-08-17	0	0	1	A	29
## 3483	8.525041e+18	2020-08-17	0	0	1	A	38
## 3484	8.542795e+18	2020-08-15	0	0	31	C	14
## 3485	8.544507e+18	2020-08-18	0	0	1	A	0
## 3486	8.546847e+18	2020-08-15	0	0	10	A	0
## 3487	8.553019e+18	2020-08-11	0	0	6	B	0
## 3488	8.558187e+18	2020-08-12	0	0	3	E	16
## 3489	8.559059e+18	2020-08-13	0	0	27	A	0
## 3490	8.572364e+18	2020-08-12	0	0	3	A	0
## 3491	8.572905e+18	2020-08-20	1	1499	32	A	8
## 3492	8.573840e+18	2020-08-20	0	0	7	A	0
## 3493	8.574016e+18	2020-08-18	0	0	7	A	28
## 3494	8.575745e+18	2020-08-11	0	0	4	B	0
## 3495	8.578718e+18	2020-08-16	0	0	17	F	33
## 3496	8.582187e+18	2020-08-17	0	0	2	A	0
## 3497	8.588737e+18	2020-08-12	0	0	5	G	53
## 3498	8.590432e+18	2020-08-17	0	0	2	B	0
## 3499	8.593902e+18	2020-08-15	0	0	9	A	105

##	3500	8.602060e+18	2020-08-11	0	0	3	A	92
##	3501	8.613534e+18	2020-08-18	0	0	9	A	0
##	3502	8.615790e+18	2020-08-20	0	0	2	A	141
##	3503	8.619817e+18	2020-08-16	0	0	2	A	12
##	3504	8.620715e+18	2020-08-14	0	0	23	C	0
##	3505	8.622877e+18	2020-08-15	0	0	19	C	0
##	3506	8.630615e+18	2020-08-17	0	0	3	A	0
##	3507	8.632911e+18	2020-08-18	0	0	2	A	0
##	3508	8.634901e+17	2020-08-17	0	0	51	C	34
##	3509	8.634950e+18	2020-08-11	0	0	1	A	0
##	3510	8.646678e+18	2020-08-14	0	0	2	A	13
##	3511	8.647906e+18	2020-08-14	0	0	18	A	0
##	3512	8.651426e+18	2020-08-17	1	739	126	C	0
##	3513	8.654536e+18	2020-08-18	1	699	1	F	0
##	3514	8.655789e+18	2020-08-10	0	0	10	C	62
##	3515	8.657590e+18	2020-08-12	0	0	1	A	0
##	3516	8.658803e+18	2020-08-19	0	0	9	A	36
##	3517	8.659361e+18	2020-08-15	0	0	21	A	13
##	3518	8.662244e+18	2020-08-15	0	0	40	A	40
##	3519	8.667133e+18	2020-08-17	0	0	1	A	38
##	3520	8.668068e+18	2020-08-12	0	0	1	D	16
##	3521	8.673800e+18	2020-08-16	0	0	3	A	54
##	3522	8.677883e+18	2020-08-15	0	0	1	D	0
##	3523	8.678770e+18	2020-08-18	0	0	3	B	71
##	3524	8.681231e+18	2020-08-12	0	0	7	B	77
##	3525	8.687854e+18	2020-08-13	0	0	6	E	0
##	3526	8.701944e+15	2020-08-15	0	0	1	A	0
##	3527	8.707128e+18	2020-08-12	0	0	1	A	15
##	3528	8.707152e+17	2020-08-18	0	0	5	D	0
##	3529	8.711614e+18	2020-08-13	0	0	17	F	42
##	3530	8.739258e+18	2020-08-12	0	0	5	C	59
##	3531	8.742201e+18	2020-08-11	0	0	3	A	92
##	3532	8.744661e+18	2020-08-19	0	0	3	D	65
##	3533	8.745350e+18	2020-08-12	0	0	11	A	43
##	3534	8.752346e+18	2020-08-17	0	0	18	D	32
##	3535	8.757853e+18	2020-08-12	0	0	1	D	0
##	3536	8.759252e+18	2020-08-19	2	1578	35	C	32
##	3537	8.760185e+17	2020-08-11	0	0	4	A	141
##	3538	8.760669e+18	2020-08-20	0	0	3	C	81
##	3539	8.783313e+18	2020-08-11	1	1339	50	A	16
##	3540	8.786289e+18	2020-08-11	0	0	19	A	16
##	3541	8.788476e+18	2020-08-13	0	0	8	A	14
##	3542	8.790055e+18	2020-08-19	0	0	22	B	46
##	3543	8.794869e+18	2020-08-10	0	0	1	A	0
##	3544	8.799856e+18	2020-08-18	0	0	2	A	0
##	3545	8.809952e+18	2020-08-14	0	0	3	A	0
##	3546	8.810263e+18	2020-08-16	0	0	16	C	0
##	3547	8.823384e+18	2020-08-11	0	0	9	A	0
##	3548	8.823932e+18	2020-08-14	0	0	23	C	0
##	3549	8.824384e+18	2020-08-16	0	0	3	A	12
##	3550	8.829191e+18	2020-08-10	0	0	44	A	0
##	3551	8.830259e+18	2020-08-15	0	0	1	E	0
##	3552	8.832317e+18	2020-08-15	0	0	7	A	0
##	3553	8.837698e+17	2020-08-12	0	0	2	A	0

##	3554	8.845209e+18	2020-08-19	0	0	3	A	0
##	3555	8.847288e+18	2020-08-13	0	0	1	A	0
##	3556	8.850687e+18	2020-08-19	0	0	3	D	0
##	3557	8.852793e+18	2020-08-19	0	0	3	B	208
##	3558	8.855921e+18	2020-08-15	0	0	11	A	0
##	3559	8.859086e+18	2020-08-17	0	0	13	A	0
##	3560	8.866757e+18	2020-08-12	0	0	5	A	0
##	3561	8.869670e+18	2020-08-10	0	0	14	C	0
##	3562	8.882804e+18	2020-08-14	0	0	3	E	0
##	3563	8.886337e+17	2020-08-16	0	0	3	A	39
##	3564	8.890768e+18	2020-08-13	0	0	21	C	0
##	3565	8.891396e+18	2020-08-11	0	0	1	A	0
##	3566	8.894885e+18	2020-08-16	0	0	2	D	0
##	3567	8.907762e+18	2020-08-13	0	0	6	A	42
##	3568	8.908233e+18	2020-08-20	0	0	8	A	141
##	3569	8.915473e+18	2020-08-14	0	0	15	F	0
##	3570	8.917064e+18	2020-08-19	0	0	5	F	0
##	3571	8.919304e+18	2020-08-11	0	0	1	A	90
##	3572	8.919599e+18	2020-08-10	0	0	8	D	65
##	3573	8.923815e+18	2020-08-13	0	0	1	A	42
##	3574	8.924188e+18	2020-08-18	0	0	2	F	0
##	3575	8.931912e+18	2020-08-11	0	0	5	A	92
##	3576	8.933929e+18	2020-08-20	0	0	2	E	0
##	3577	8.940403e+18	2020-08-15	0	0	10	F	0
##	3578	8.941127e+18	2020-08-11	0	0	2	A	0
##	3579	8.947083e+18	2020-08-18	0	0	6	A	128
##	3580	8.961811e+18	2020-08-14	0	0	2	A	65
##	3581	8.965633e+18	2020-08-18	0	0	6	A	52
##	3582	8.967250e+18	2020-08-20	0	0	1	F	26
##	3583	8.968771e+18	2020-08-15	0	0	2	D	136
##	3584	8.973100e+18	2020-08-19	0	0	43	B	0
##	3585	8.977094e+18	2020-08-14	1	549	8	A	0
##	3586	8.980079e+18	2020-08-14	0	0	13	A	14
##	3587	8.990439e+18	2020-08-10	0	0	7	D	41
##	3588	8.992087e+17	2020-08-18	0	0	11	C	71
##	3589	8.996578e+18	2020-08-18	0	0	4	D	10
##	3590	8.999932e+18	2020-08-10	0	0	1	A	0
##	3591	9.142813e+18	2020-08-14	0	0	4	B	0
##	3592	9.001728e+18	2020-08-15	0	0	1	A	40
##	3593	9.004561e+18	2020-08-20	0	0	29	B	81
##	3594	9.006144e+17	2020-08-11	0	0	2	A	18
##	3595	9.006312e+18	2020-08-11	0	0	2	A	0
##	3596	9.010411e+18	2020-08-10	0	0	8	C	0
##	3597	9.015626e+18	2020-08-20	0	0	6	A	0
##	3598	9.017642e+18	2020-08-19	0	0	1	D	0
##	3599	9.022555e+17	2020-08-15	0	0	26	C	62
##	3600	9.023294e+18	2020-08-12	0	0	20	B	53
##	3601	9.024759e+18	2020-08-20	0	0	5	C	0
##	3602	9.028005e+18	2020-08-14	0	0	1	B	0
##	3603	9.037833e+18	2020-08-15	0	0	34	B	36
##	3604	9.045284e+18	2020-08-10	0	0	5	C	208
##	3605	9.047726e+18	2020-08-12	0	0	8	A	0
##	3606	9.050610e+18	2020-08-14	0	0	3	A	0
##	3607	9.061590e+18	2020-08-10	0	0	2	A	0

##	3608	9.061861e+18	2020-08-14	0	0	5	C	81
##	3609	9.077124e+18	2020-08-16	0	0	2	A	39
##	3610	9.077412e+18	2020-08-18	0	0	6	A	0
##	3611	9.084739e+18	2020-08-14	0	0	13	<NA>	0
##	3612	9.093942e+18	2020-08-14	0	0	4	D	0
##	3613	9.108125e+18	2020-08-13	0	0	3	B	0
##	3614	9.110496e+18	2020-08-12	0	0	3	B	0
##	3615	9.114113e+18	2020-08-20	0	0	3	A	29
##	3616	9.126195e+18	2020-08-10	0	0	4	B	0
##	3617	9.127453e+18	2020-08-14	0	0	22	C	81
##	3618	9.127668e+17	2020-08-19	0	0	6	A	70
##	3619	9.133579e+18	2020-08-10	0	0	17	A	65
##	3620	9.137444e+18	2020-08-14	0	0	7	C	51
##	3621	9.139176e+18	2020-08-13	0	0	2	G	52
##	3622	9.143400e+18	2020-08-16	0	0	23	C	30
##	3623	9.148269e+18	2020-08-14	0	0	9	A	41
##	3624	9.149014e+18	2020-08-20	0	0	6	A	0
##	3625	9.154303e+18	2020-08-16	0	0	2	E	0
##	3626	9.154760e+17	2020-08-18	0	0	4	D	71
##	3627	9.159652e+18	2020-08-18	0	0	1	A	52
##	3628	9.160976e+18	2020-08-20	0	0	5	A	0
##	3629	9.167836e+18	2020-08-12	0	0	5	A	0
##	3630	9.172686e+18	2020-08-10	0	0	3	A	45
##	3631	9.174815e+18	2020-08-17	0	0	2	A	0
##	3632	9.180842e+18	2020-08-14	0	0	2	A	0
##	3633	9.184196e+18	2020-08-20	0	0	2	C	0
##	3634	9.187753e+18	2020-08-18	0	0	2	A	37
##	3635	9.189387e+18	2020-08-13	0	0	6	A	0
##	3636	9.190266e+18	2020-08-19	1	939	44	C	0
##	3637	9.194221e+17	2020-08-17	0	0	3	G	83
##	3638	9.197518e+17	2020-08-11	0	0	2	A	0
##	3639	9.198534e+18	2020-08-14	0	0	1	A	141
##	3640	9.199312e+17	2020-08-10	0	0	1	A	45
##	3641	9.201995e+18	2020-08-19	0	0	2	A	36
##	3642	9.203847e+18	2020-08-14	0	0	8	A	0
##	3643	9.211661e+18	2020-08-16	0	0	7	A	33
##	3644	9.214252e+18	2020-08-16	0	0	6	B	81
##	3645	9.215501e+18	2020-08-11	0	0	6	A	0
##	3646	9.221085e+18	2020-08-19	0	0	4	C	70
##	3647	9.232317e+18	2020-08-19	0	0	1	E	0
##	3648	9.235771e+18	2020-08-13	0	0	4	A	0
##	3649	9.237171e+18	2020-08-12	0	0	10	A	43
##	3650	9.237470e+18	2020-08-13	0	0	11	A	15
##	3651	9.238648e+18	2020-08-15	0	0	14	A	131
##	3652	9.240907e+18	2020-08-10	0	0	5	A	0
##	3653	9.247029e+18	2020-08-10	0	0	1	A	0
##	3654	9.254134e+18	2020-08-16	0	0	4	D	49
##	3655	9.257778e+17	2020-08-13	0	0	28	A	0
##	3656	9.260333e+18	2020-08-14	0	0	42	B	0
##	3657	9.268384e+18	2020-08-10	0	0	11	D	55
##	3658	9.269710e+18	2020-08-14	0	0	1	A	15
##	3659	9.271908e+18	2020-08-11	0	0	1	E	99
##	3660	9.273439e+17	2020-08-18	0	0	3	A	0
##	3661	9.282931e+18	2020-08-16	0	0	5	D	0

## 3662	9.283893e+18	2020-08-15	0	0	12	B	56
## 3663	9.285840e+18	2020-08-11	0	0	2	A	0
## 3664	9.286254e+18	2020-08-13	0	0	2	D	158
## 3665	9.293938e+18	2020-08-17	0	0	2	A	0
## 3666	9.298889e+18	2020-08-20	0	0	3	D	0
## 3667	9.306342e+18	2020-08-12	0	0	12	A	0
## 3668	9.309892e+18	2020-08-19	0	0	9	C	46
## 3669	9.310804e+18	2020-08-13	0	0	14	G	52
## 3670	9.319293e+18	2020-08-10	0	0	2	A	93
## 3671	9.321535e+18	2020-08-19	0	0	4	A	30
## 3672	9.325707e+18	2020-08-14	0	0	8	B	37
## 3673	9.362271e+18	2020-08-13	0	0	13	A	0
## 3674	9.362726e+18	2020-08-17	0	0	11	D	154
## 3675	9.363085e+18	2020-08-10	0	0	9	A	45
## 3676	9.370120e+18	2020-08-15	0	0	8	G	208
## 3677	9.370373e+18	2020-08-16	0	0	1	A	54
## 3678	9.372593e+18	2020-08-11	0	0	22	B	0
## 3679	9.376923e+18	2020-08-17	0	0	4	A	0
## 3680	9.377315e+18	2020-08-15	1	399	44	B	36
## 3681	9.380404e+18	2020-08-11	0	0	27	G	0
## 3682	9.382236e+18	2020-08-18	0	0	13	C	9
## 3683	9.397807e+18	2020-08-18	0	0	2	A	37
## 3684	9.404400e+18	2020-08-16	0	0	10	F	0
## 3685	9.409323e+18	2020-08-11	0	0	1	A	0
## 3686	9.413320e+18	2020-08-18	0	0	3	A	0
## 3687	9.420476e+18	2020-08-12	0	0	3	A	108
## 3688	9.423404e+18	2020-08-11	0	0	4	A	0
## 3689	9.425383e+18	2020-08-11	0	0	8	D	54
## 3690	9.426955e+18	2020-08-19	0	0	5	C	118
## 3691	9.449628e+18	2020-08-14	0	0	2	A	0
## 3692	9.457596e+18	2020-08-15	0	0	3	A	0
## 3693	9.458520e+17	2020-08-14	0	0	2	A	65
## 3694	9.463702e+18	2020-08-18	0	0	9	B	33
## 3695	9.465902e+18	2020-08-16	0	0	6	A	0
## 3696	9.469189e+18	2020-08-19	0	0	22	A	51
## 3697	9.475900e+18	2020-08-15	0	0	1	E	0
## 3698	9.477403e+18	2020-08-10	0	0	63	A	45
## 3699	9.479994e+18	2020-08-20	0	0	6	C	81
## 3700	9.481846e+18	2020-08-10	0	0	2	A	17
## 3701	9.482343e+17	2020-08-19	0	0	9	A	9
## 3702	9.482407e+18	2020-08-10	0	0	10	C	93
## 3703	9.489021e+18	2020-08-16	0	0	26	B	0
## 3704	9.499207e+18	2020-08-19	0	0	5	A	0
## 3705	9.504249e+18	2020-08-20	0	0	8	A	0
## 3706	9.506859e+18	2020-08-20	0	0	7	B	0
## 3707	9.521641e+18	2020-08-16	0	0	104	A	0
## 3708	9.525519e+18	2020-08-15	0	0	14	C	12
## 3709	9.525882e+16	2020-08-15	0	0	1	A	0
## 3710	9.527693e+18	2020-08-10	0	0	1	A	0
## 3711	9.529070e+18	2020-08-17	0	0	10	C	81
## 3712	9.541527e+18	2020-08-18	0	0	15	C	71
## 3713	9.545666e+18	2020-08-20	0	0	46	C	81
## 3714	9.546814e+18	2020-08-18	0	0	12	C	61
## 3715	9.549216e+18	2020-08-18	0	0	5	A	0

## 3716	9.555946e+18	2020-08-19	0	0	2	D	0
## 3717	9.556788e+18	2020-08-16	0	0	1	E	0
## 3718	9.562962e+18	2020-08-19	0	0	5	A	0
## 3719	9.564457e+18	2020-08-20	0	0	3	C	208
## 3720	9.564987e+18	2020-08-14	0	0	25	A	0
## 3721	9.565658e+18	2020-08-20	0	0	7	A	0
## 3722	9.567176e+18	2020-08-17	0	0	22	F	102
## 3723	9.569770e+18	2020-08-12	0	0	4	C	0
## 3724	9.574675e+18	2020-08-13	0	0	3	B	0
## 3725	9.576185e+17	2020-08-19	0	0	24	F	32
## 3726	9.579115e+18	2020-08-10	0	0	2	A	0
## 3727	9.582277e+18	2020-08-11	0	0	2	<NA>	0
## 3728	9.587170e+18	2020-08-17	0	0	12	A	38
## 3729	9.587799e+18	2020-08-18	0	0	2	C	208
## 3730	9.590955e+18	2020-08-10	0	0	13	D	0
## 3731	9.593250e+17	2020-08-14	0	0	11	D	51
## 3732	9.595723e+18	2020-08-19	0	0	6	C	0
## 3733	9.595746e+18	2020-08-19	0	0	26	C	30
## 3734	9.596892e+18	2020-08-14	0	0	3	D	81
## 3735	9.597000e+18	2020-08-15	0	0	5	A	40
## 3736	9.597375e+17	2020-08-15	0	0	1	D	0
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## 3738	9.599983e+18	2020-08-12	0	0	1	A	89
## 3739	9.601087e+18	2020-08-20	0	0	2	A	50
## 3740	9.602144e+18	2020-08-14	0	0	1	A	0
## 3741	9.606558e+18	2020-08-14	0	0	67	C	208
## 3742	9.610989e+18	2020-08-17	0	0	2	A	0
## 3743	9.612954e+18	2020-08-12	1	599	31	B	39
## 3744	9.616354e+18	2020-08-14	0	0	2	A	62
## 3745	9.618390e+18	2020-08-19	0	0	3	A	0
## 3746	9.622055e+18	2020-08-18	0	0	4	A	0
## 3747	9.637029e+18	2020-08-15	0	0	41	B	36
## 3748	9.640799e+18	2020-08-17	0	0	9	C	10
## 3749	9.641066e+18	2020-08-10	0	0	13	A	0
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## 3753	9.653617e+18	2020-08-15	0	0	11	C	56
## 3754	9.668391e+18	2020-08-11	0	0	6	A	17
## 3755	9.680330e+18	2020-08-14	0	0	1	A	0
## 3756	9.683596e+18	2020-08-16	0	0	3	A	0
## 3757	9.684289e+18	2020-08-13	0	0	34	<NA>	131
## 3758	9.694004e+18	2020-08-19	1	399	27	B	62
## 3759	9.694881e+18	2020-08-13	0	0	3	A	141
## 3760	9.694919e+17	2020-08-15	0	0	6	A	0
## 3761	9.698097e+18	2020-08-17	0	0	7	A	29
## 3762	9.698588e+18	2020-08-17	0	0	1	A	53
## 3763	9.698794e+18	2020-08-13	0	0	5	A	62
## 3764	9.703503e+17	2020-08-10	0	0	2	A	65
## 3765	9.705368e+17	2020-08-10	0	0	8	C	0
## 3766	9.724310e+18	2020-08-15	0	0	7	A	12
## 3767	9.725507e+18	2020-08-20	0	0	4	A	50
## 3768	9.733975e+17	2020-08-15	0	0	3	C	81
## 3769	9.734359e+18	2020-08-20	0	0	8	D	151

## 3770	9.734715e+18	2020-08-13	0	0	6	A	16
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## 3773	9.747345e+18	2020-08-12	0	0	8	A	43
## 3774	9.749018e+18	2020-08-16	0	0	3	D	0
## 3775	9.751373e+18	2020-08-19	0	0	3	D	32
## 3776	9.759551e+18	2020-08-18	0	0	12	B	0
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## 3779	9.768571e+18	2020-08-16	0	0	1	D	0
## 3780	9.771508e+18	2020-08-19	0	0	3	D	132
## 3781	9.774974e+18	2020-08-15	0	0	50	A	0
## 3782	9.775236e+18	2020-08-19	0	0	8	C	208
## 3783	9.789319e+18	2020-08-14	0	0	44	F	51
## 3784	9.789934e+18	2020-08-14	0	0	12	A	15
## 3785	9.794741e+18	2020-08-17	0	0	51	A	0
## 3786	9.796148e+18	2020-08-10	0	0	10	C	41
## 3787	9.797702e+17	2020-08-11	0	0	36	A	0
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## 3789	9.804677e+17	2020-08-17	0	0	19	B	62
## 3790	9.810002e+18	2020-08-18	0	0	10	A	52
## 3791	9.814040e+18	2020-08-18	0	0	2	B	0
## 3792	9.820122e+17	2020-08-15	0	0	1	A	65
## 3793	9.841824e+18	2020-08-13	0	0	5	A	0
## 3794	9.844385e+18	2020-08-18	0	0	3	D	105
## 3795	9.844880e+18	2020-08-16	0	0	7	C	49
## 3796	9.849045e+18	2020-08-17	0	0	4	A	103
## 3797	9.851045e+18	2020-08-17	0	0	2	A	53
## 3798	9.856580e+17	2020-08-19	0	0	13	B	70
## 3799	9.859422e+18	2020-08-18	0	0	1	A	0
## 3800	9.860247e+18	2020-08-14	0	0	1	A	14
## 3801	9.861684e+18	2020-08-12	0	0	4	A	59
## 3802	9.869589e+18	2020-08-13	0	0	3	A	0
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## 3804	9.884531e+18	2020-08-11	0	0	18	C	18
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## 3812	9.910829e+18	2020-08-11	0	0	5	A	109
## 3813	9.911746e+18	2020-08-15	0	0	2	A	0
## 3814	9.918529e+17	2020-08-19	0	0	1	E	0
## 3815	9.922261e+18	2020-08-13	0	0	1	C	58
## 3816	9.925305e+18	2020-08-10	1	209	18	D	161
## 3817	9.929637e+18	2020-08-18	0	0	34	C	33
## 3818	9.932056e+18	2020-08-17	0	0	2	A	32
## 3819	9.934800e+18	2020-08-14	0	0	13	C	0
## 3820	9.937194e+18	2020-08-13	0	0	6	F	0
## 3821	9.938888e+18	2020-08-14	0	0	1	A	41
## 3822	9.941006e+18	2020-08-20	0	0	31	F	31
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## 3825	9.952553e+18	2020-08-11	0	0	5	D	54
## 3826	9.957508e+18	2020-08-10	0	0	4	A	110
## 3827	9.962647e+18	2020-08-13	0	0	3	D	52
## 3828	9.963923e+18	2020-08-17	0	0	9	F	0
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## 3830	9.969404e+18	2020-08-17	0	0	3	B	141
## 3831	9.973236e+18	2020-08-15	0	0	2	<NA>	31
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## 3693	0.000000000
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## 3695	0.000000000
## 3696	0.000000000
## 3697	0.000000000
## 3698	0.000000000
## 3699	0.000000000
## 3700	0.000000000
## 3701	0.000000000
## 3702	0.000000000
## 3703	0.000000000
## 3704	0.000000000
## 3705	0.000000000
## 3706	0.000000000
## 3707	0.000000000
## 3708	0.000000000
## 3709	0.000000000
## 3710	0.000000000
## 3711	0.000000000

## 3712	0.000000000
## 3713	0.000000000
## 3714	0.000000000
## 3715	0.000000000
## 3716	0.000000000
## 3717	0.000000000
## 3718	0.000000000
## 3719	0.000000000
## 3720	0.000000000
## 3721	0.000000000
## 3722	0.000000000
## 3723	0.000000000
## 3724	0.000000000
## 3725	0.000000000
## 3726	0.000000000
## 3727	0.000000000
## 3728	0.000000000
## 3729	0.000000000
## 3730	0.000000000
## 3731	0.000000000
## 3732	0.000000000
## 3733	0.000000000
## 3734	0.000000000
## 3735	0.000000000
## 3736	0.000000000
## 3737	0.000000000
## 3738	0.000000000
## 3739	0.000000000
## 3740	0.000000000
## 3741	0.000000000
## 3742	0.000000000
## 3743	0.032258065
## 3744	0.000000000
## 3745	0.000000000
## 3746	0.000000000
## 3747	0.000000000
## 3748	0.000000000
## 3749	0.000000000
## 3750	0.125000000
## 3751	0.000000000
## 3752	0.000000000
## 3753	0.000000000
## 3754	0.000000000
## 3755	0.000000000
## 3756	0.000000000
## 3757	0.000000000
## 3758	0.037037037
## 3759	0.000000000
## 3760	0.000000000
## 3761	0.000000000
## 3762	0.000000000
## 3763	0.000000000
## 3764	0.000000000
## 3765	0.000000000

## 3766	0.000000000
## 3767	0.000000000
## 3768	0.000000000
## 3769	0.000000000
## 3770	0.000000000
## 3771	0.000000000
## 3772	0.000000000
## 3773	0.000000000
## 3774	0.000000000
## 3775	0.000000000
## 3776	0.000000000
## 3777	0.000000000
## 3778	0.000000000
## 3779	0.000000000
## 3780	0.000000000
## 3781	0.000000000
## 3782	0.000000000
## 3783	0.000000000
## 3784	0.000000000
## 3785	0.000000000
## 3786	0.000000000
## 3787	0.000000000
## 3788	0.000000000
## 3789	0.000000000
## 3790	0.000000000
## 3791	0.000000000
## 3792	0.000000000
## 3793	0.000000000
## 3794	0.000000000
## 3795	0.000000000
## 3796	0.000000000
## 3797	0.000000000
## 3798	0.000000000
## 3799	0.000000000
## 3800	0.000000000
## 3801	0.000000000
## 3802	0.000000000
## 3803	0.000000000
## 3804	0.000000000
## 3805	0.000000000
## 3806	0.000000000
## 3807	0.000000000
## 3808	0.500000000
## 3809	0.000000000
## 3810	0.000000000
## 3811	0.000000000
## 3812	0.000000000
## 3813	0.000000000
## 3814	0.000000000
## 3815	0.000000000
## 3816	0.055555556
## 3817	0.000000000
## 3818	0.000000000
## 3819	0.000000000

```
## 3820      0.000000000
## 3821      0.000000000
## 3822      0.000000000
## 3823      0.000000000
## 3824      0.000000000
## 3825      0.000000000
## 3826      0.000000000
## 3827      0.000000000
## 3828      0.000000000
## 3829      0.000000000
## 3830      0.000000000
## 3831      0.000000000
## 3832      0.000000000
## 3833      0.000000000
## 3834      0.000000000
## 3835      0.000000000
## 3836      0.000000000
## 3837      0.000000000
```

```
# Calculate correlation
```

```
correlation <- cor(cleaned_data$leadtime, cleaned_data$conversion_rate)
correlation
```

```
## [1] -0.03005168
```

```
# Fit linear regression model
```

```
model <- lm(conversion_rate ~ leadtime, data = cleaned_data)
summary(model)
```

```
##
## Call:
## lm(formula = conversion_rate ~ leadtime, data = cleaned_data)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.00461 -0.00461 -0.00422 -0.00325  0.99578
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  4.609e-03  7.632e-04   6.040 1.69e-09 ***
## leadtime    -2.464e-05  1.323e-05  -1.862  0.0627 .
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.03803 on 3835 degrees of freedom
## Multiple R-squared:  0.0009031, Adjusted R-squared:  0.0006426
## F-statistic: 3.467 on 1 and 3835 DF, p-value: 0.0627
```

```
# Group by category and calculate mean lead time and conversion rate
```

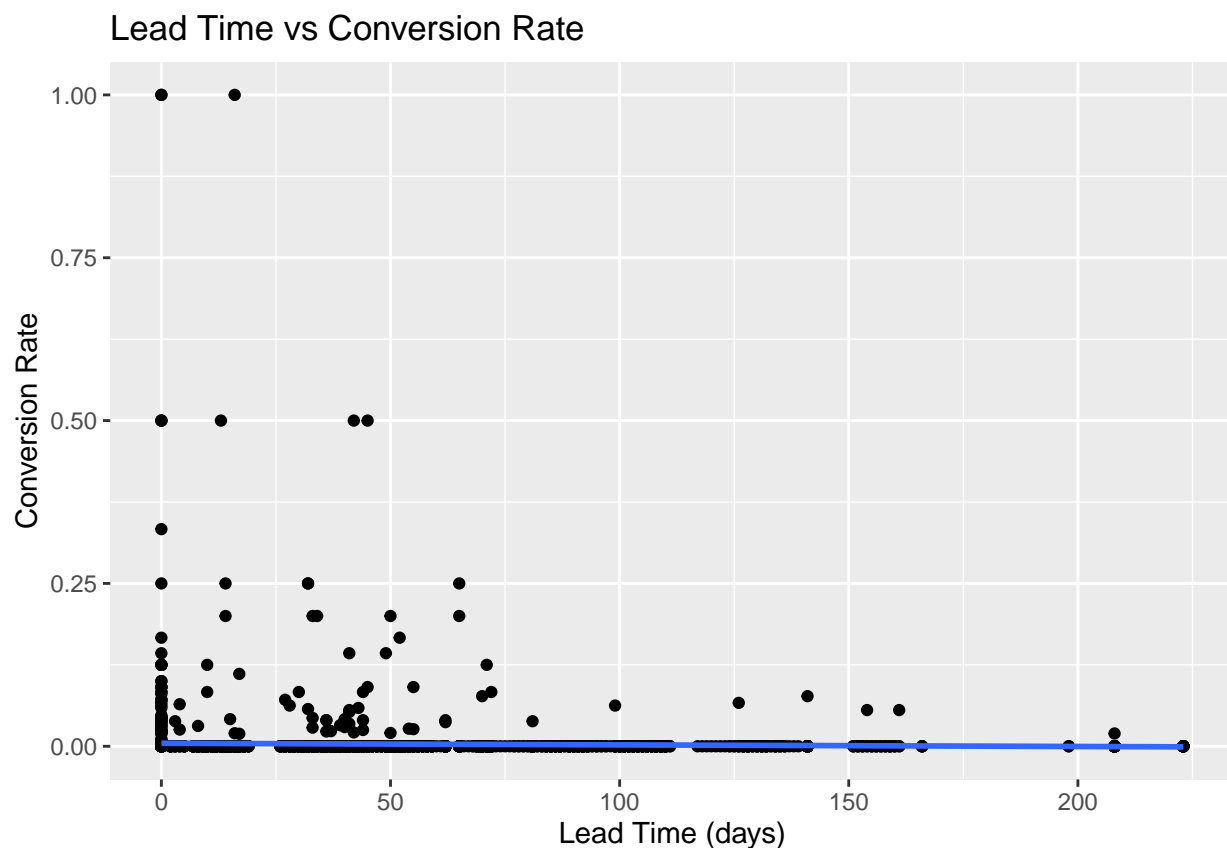
```
category_summary <- cleaned_data %>%
  group_by(category) %>%
  summarise(mean_leadtime = mean(leadtime),
            mean_conversion_rate = mean(conversion_rate))
```

```
category_summary
```

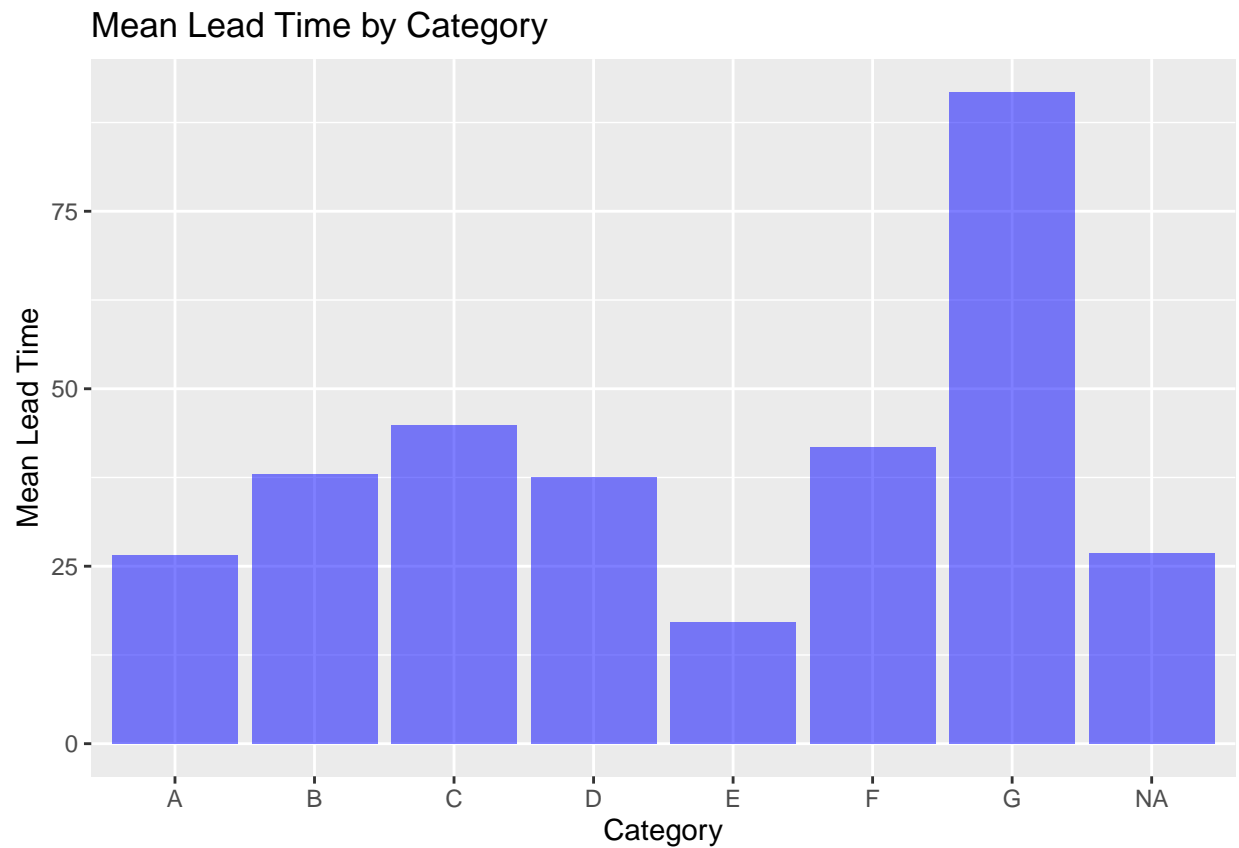
```
## # A tibble: 8 x 3
##   category mean_leadtime mean_conversion_rate
##   <chr>      <dbl>          <dbl>
## 1 A          26.6            0.00318
## 2 B          37.9            0.00407
## 3 C          44.9            0.00285
## 4 D          37.6            0.00493
## 5 E          17.1            0.00498
## 6 F          41.7            0.0122
## 7 G          91.8            0.00260
## 8 <NA>       26.8            0
```

```
# Scatterplot of lead time vs conversion rate
ggplot(cleaned_data, aes(x = leadtime, y = conversion_rate)) +
  geom_point() +
  geom_smooth(method = "lm", se = FALSE) +
  labs(title = "Lead Time vs Conversion Rate",
       x = "Lead Time (days)",
       y = "Conversion Rate")
```

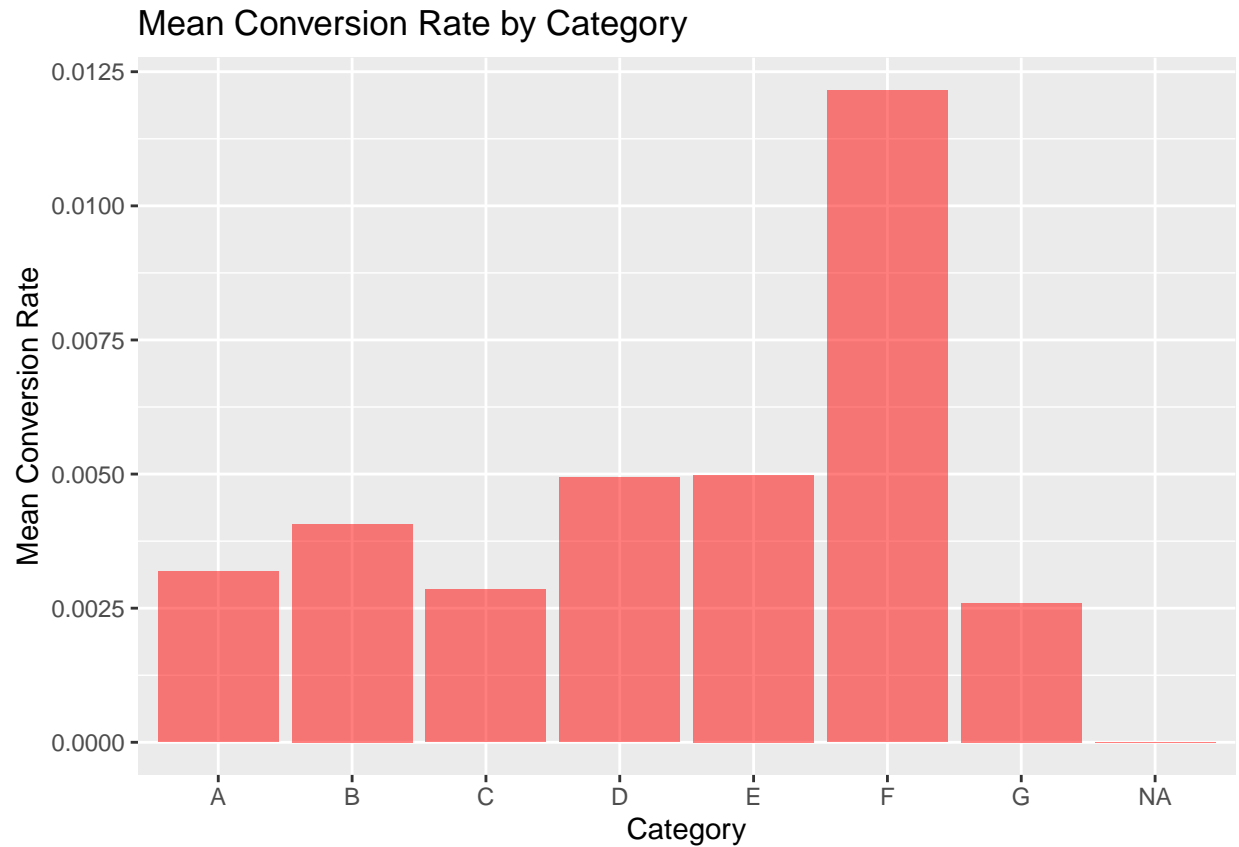
```
## 'geom_smooth()' using formula = 'y ~ x'
```



```
# Bar plot of mean lead time and conversion rate by category
ggplot(category_summary, aes(x = category)) +
  geom_bar(aes(y = mean_leadtime), stat = "identity", fill = "blue", alpha = 0.5) +
  labs(title = "Mean Lead Time by Category",
       x = "Category",
       y = "Mean Lead Time") +
  scale_fill_manual(values = c("blue", "red"), labels = c("Mean Lead Time", "Mean Conversion Rate")) +
  theme(legend.position = "bottom")
```

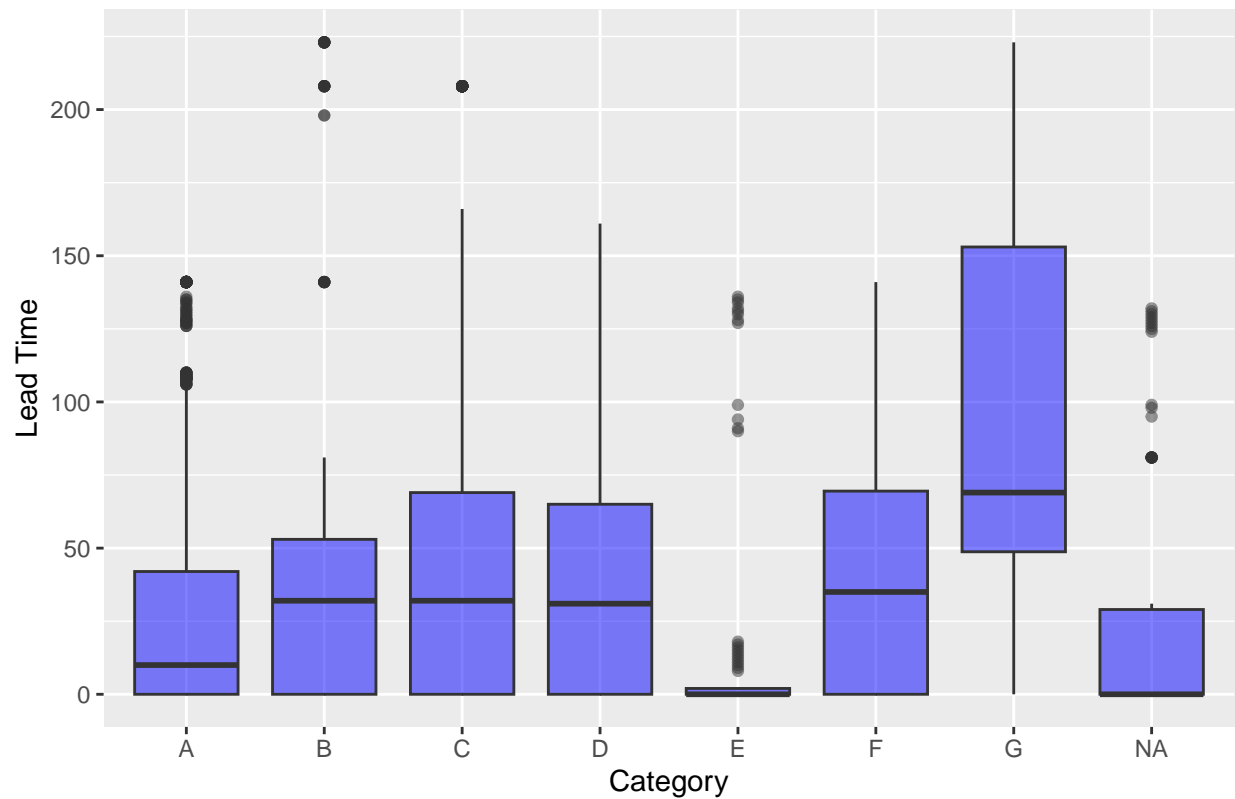


```
# Bar plot of mean conversion rate by category
ggplot(category_summary, aes(x = category)) +
  geom_bar(aes(y = mean_conversion_rate), stat = "identity", fill = "red", alpha = 0.5) +
  labs(title = "Mean Conversion Rate by Category",
       x = "Category",
       y = "Mean Conversion Rate") +
  scale_fill_manual(values = c("blue", "red"), labels = c("Mean Lead Time", "Mean Conversion Rate")) +
  theme(legend.position = "bottom")
```

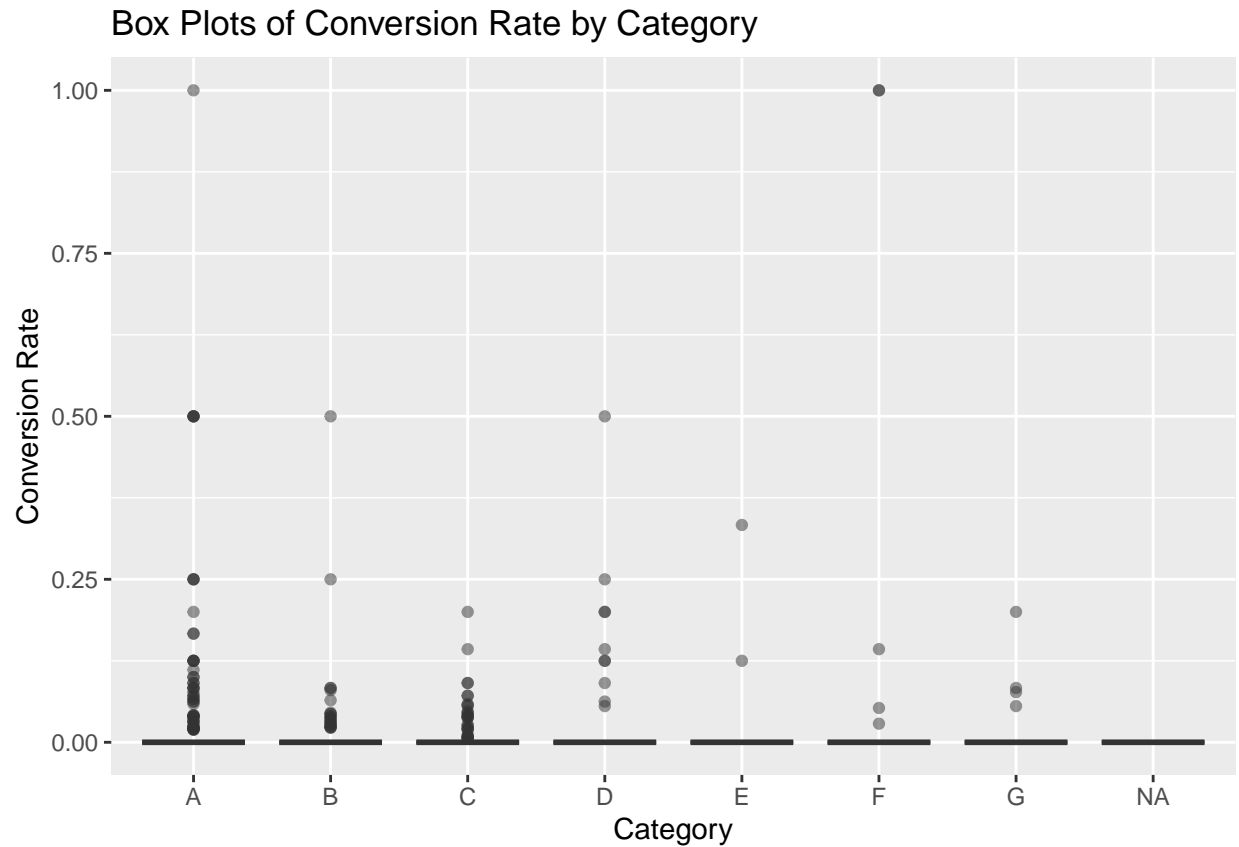



```
# Box plots of lead time by category
ggplot(cleaned_data, aes(x = category)) +
  geom_boxplot(aes(y = leadtime), fill = "blue", alpha = 0.5) +
  labs(title = "Box Plots of Lead Time by Category",
       x = "Category",
       y = "Lead Time") +
  scale_fill_manual(values = c("blue", "red"), labels = c("Lead Time", "Conversion Rate")) +
  theme(legend.position = "bottom") +
  guides(fill = guide_legend(title = "Metric"))
```

Box Plots of Lead Time by Category



```
# Box plots of conversion rate by category
ggplot(cleaned_data, aes(x = category)) +
  geom_boxplot(aes(y = conversion_rate), fill = "red", alpha = 0.5) +
  labs(title = "Box Plots of Conversion Rate by Category",
       x = "Category",
       y = "Conversion Rate") +
  scale_fill_manual(values = c("blue", "red"), labels = c("Lead Time", "Conversion Rate")) +
  theme(legend.position = "bottom") +
  guides(fill = guide_legend(title = "Metric"))
```



```
# Scatterplot of lead time vs conversion rate, colored by category
ggplot(cleaned_data, aes(x = leadtime, y = conversion_rate, color = category)) +
  geom_point() +
  labs(title = "Lead Time vs Conversion Rate by Category",
       x = "Lead Time (days)",
       y = "Conversion Rate") +
  theme(legend.position = "bottom") +
  guides(color = guide_legend(title = "Category"))
```

