Project Development Phase SPRINT 1

Date	30.10.2022
Team ID	PNT2022TMID23611
Project Name	Emerging Methods For Early Detection Of
	Forest Fires

```
from sklearn import metrics
          from sklearn.metrics import classification_report,confusion_matrix
In [5]:
          import warnings
          warnings.filterwarnings(action="ignore")
          %matplotlib inline
          sns.set_style('darkgrid')
          pd.set_option("display.max_rows",1000)
          pd.set option("display.max columns",1000)
         fires = pd.read_csv(r"C:\Users\dhine\Downloads\forestfires.csv\forestfires.csv")
In [6]:
          #show the first 15 instance of dataset
          fires.head(15)
                             day FFMC DMC
              X Y month
                                                  DC
                                                        ISI temp
                                                                   RH
Out[6]:
                                                                        wind
                                                                               rain
                                                                                    area
           0 7
                 5
                               fri
                                    86.2
                                           26.2
                                                 94.3
                                                        5.1
                                                               8.2
                                                                    51
                                                                          6.7
                                                                                0.0
                                                                                      0.0
                       mar
                                    90.6
                                                669.1
           1 7 4
                                           35.4
                                                        6.7
                                                              18.0
                                                                    33
                                                                          0.9
                                                                                0.0
                                                                                      0.0
                        oct
                              tue
                                    90.6
                                                686.9
           2 7 4
                                           43.7
                                                        6.7
                                                              14.6
                                                                    33
                                                                          1.3
                                                                                0.0
                                                                                      0.0
                        oct
                              sat
           3 8 6
                       mar
                               fri
                                    91.7
                                           33.3
                                                 77.5
                                                        9.0
                                                               8.3
                                                                    97
                                                                          4.0
                                                                                0.2
                                                                                      0.0
             8 6
                                    89.3
                                           51.3
                                                102.2
                                                        9.6
                                                              11.4
                                                                    99
                                                                          1.8
                                                                                0.0
                                                                                      0.0
                       mar
                              sun
           5
             8 6
                                    92.3
                                           85.3
                                                488.0
                                                       14.7
                                                              22.2
                                                                    29
                                                                          5.4
                                                                                0.0
                                                                                      0.0
                        aug
                              sun
             8
                                    92.3
                                           88.9
                                                495.6
                                                        8.5
                                                              24.1
                                                                    27
                                                                          3.1
                                                                                0.0
                                                                                      0.0
           6
                             mon
                       aug
                                                608.2
                                                       10.7
           7 8 6
                                    91.5
                                         145.4
                                                               8.0
                                                                    86
                                                                          2.2
                                                                                0.0
                                                                                      0.0
                        aug
                             mon
             8 6
                                    91.0
                                          129.5
                                                692.6
                                                        7.0
                                                              13.1
                                                                    63
                                                                          5.4
                                                                                0.0
                                                                                      0.0
                        sep
                              tue
             7 5
                                    92.5
                                           88.0
                                                698.6
                                                        7.1
                                                                    40
                                                                                0.0
                                                              22.8
                                                                          4.0
                                                                                      0.0
                        sep
                              sat
          10 7 5
                        sep
                              sat
                                    92.5
                                           88.0
                                                698.6
                                                        7.1
                                                              17.8
                                                                    51
                                                                          7.2
                                                                                0.0
                                                                                      0.0
                                    92.8
                                           73.2 713.0
                                                       22.6
          11 7 5
                                                              19.3
                                                                    38
                                                                          4.0
                                                                                0.0
                                                                                      0.0
                        sep
                              sat
          12 6 5
                                    63.5
                                           70.8
                                                665.3
                                                        0.8
                                                              17.0
                                                                    72
                                                                          6.7
                                                                                0.0
                                                                                      0.0
                       aug
                               fri
                                    90.9 126.5 686.5
                                                                          2.2
                                                                                0.0
          13 6 5
                        sep
                             mon
                                                        7.0
                                                              21.3
                                                                    42
                                                                                      0.0
          14 6 5
                             wed
                                    92.9 133.3 699.6
                                                        9.2
                                                              26.4
                                                                    21
                                                                          4.5
                                                                                0.0
                                                                                      0.0
                        sep
          fires.shape
In [7]:
          (517, 13)
Out[7]:
In [8]:
          #show the Last 10 instances of dataset
          fires.tail(15)
```

import matplotlib.pyplot as plt

import numpy as np
import pandas as pd
import seaborn as sns

In [4]:

	Х	Y	month	day	FFMC	DMC	DC	ISI	temp	RH	wind	rain	area
502	4	4	aug	tue	96.1	181.1	671.2	14.3	20.7	69	4.9	0.4	0.00
503	2	4	aug	wed	94.5	139.4	689.1	20.0	29.2	30	4.9	0.0	1.95
504	4	3	aug	wed	94.5	139.4	689.1	20.0	28.9	29	4.9	0.0	49.59
505	1	2	aug	thu	91.0	163.2	744.4	10.1	26.7	35	1.8	0.0	5.80
506	1	2	aug	fri	91.0	166.9	752.6	7.1	18.5	73	8.5	0.0	0.00
507	2	4	aug	fri	91.0	166.9	752.6	7.1	25.9	41	3.6	0.0	0.00
508	1	2	aug	fri	91.0	166.9	752.6	7.1	25.9	41	3.6	0.0	0.00
509	5	4	aug	fri	91.0	166.9	752.6	7.1	21.1	71	7.6	1.4	2.17
510	6	5	aug	fri	91.0	166.9	752.6	7.1	18.2	62	5.4	0.0	0.43
511	8	6	aug	sun	81.6	56.7	665.6	1.9	27.8	35	2.7	0.0	0.00
512	4	3	aug	sun	81.6	56.7	665.6	1.9	27.8	32	2.7	0.0	6.44
513	2	4	aug	sun	81.6	56.7	665.6	1.9	21.9	71	5.8	0.0	54.29
514	7	4	aug	sun	81.6	56.7	665.6	1.9	21.2	70	6.7	0.0	11.16
515	1	4	aug	sat	94.4	146.0	614.7	11.3	25.6	42	4.0	0.0	0.00
516	6	3	nov	tue	79.5	3.0	106.7	1.1	11.8	31	4.5	0.0	0.00

In [9]: fires.info()

Out[8]:

<class 'pandas.core.frame.DataFrame'>
RangeIndex: 517 entries, 0 to 516
Data columns (total 13 columns):

#	Column	Non-Null Count	Dtype
0	Χ	517 non-null	int64
1	Υ	517 non-null	int64
2	month	517 non-null	object
3	day	517 non-null	object
4	FFMC	517 non-null	float64
5	DMC	517 non-null	float64
6	DC	517 non-null	float64
7	ISI	517 non-null	float64
8	temp	517 non-null	float64
9	RH	517 non-null	int64
10	wind	517 non-null	float64
11	rain	517 non-null	float64
12	area	517 non-null	float64

dtypes: float64(8), int64(3), object(2)

memory usage: 52.6+ KB

In [10]: #generate descriptive statistics of each attribute
fires.describe().T

	count	mean	std	min	25%	50%	75%	max
х	517.0	4.669246	2.313778	1.0	3.0	4.00	7.00	9.00
Y	517.0	4.299807	1.229900	2.0	4.0	4.00	5.00	9.00
FFMC	517.0	90.644681	5.520111	18.7	90.2	91.60	92.90	96.20
DMC	517.0	110.872340	64.046482	1.1	68.6	108.30	142.40	291.30
DC	517.0	547.940039	248.066192	7.9	437.7	664.20	713.90	860.60
ISI	517.0	9.021663	4.559477	0.0	6.5	8.40	10.80	56.10
temp	517.0	18.889168	5.806625	2.2	15.5	19.30	22.80	33.30
RH	517.0	44.288201	16.317469	15.0	33.0	42.00	53.00	100.00
wind	517.0	4.017602	1.791653	0.4	2.7	4.00	4.90	9.40
rain	517.0	0.021663	0.295959	0.0	0.0	0.00	0.00	6.40
area	517.0	12.847292	63.655818	0.0	0.0	0.52	6.57	1090.84

In [11]: fires['area'].values[fires['area'].values >0] = 1
#renaming the area attribute to output for clear understanding
fires = fires.rename(columns={'area': 'output'})
fires.head(10)

Out[11]:		X	Y	month	day	FFMC	DMC	DC	ISI	temp	RH	wind	rain	output
	0	7	5	mar	fri	86.2	26.2	94.3	5.1	8.2	51	6.7	0.0	0.0
	1	7	4	oct	tue	90.6	35.4	669.1	6.7	18.0	33	0.9	0.0	0.0
	2	7	4	oct	sat	90.6	43.7	686.9	6.7	14.6	33	1.3	0.0	0.0
	3	8	6	mar	fri	91.7	33.3	77.5	9.0	8.3	97	4.0	0.2	0.0
	4	8	6	mar	sun	89.3	51.3	102.2	9.6	11.4	99	1.8	0.0	0.0
	5	8	6	aug	sun	92.3	85.3	488.0	14.7	22.2	29	5.4	0.0	0.0
	6	8	6	aug	mon	92.3	88.9	495.6	8.5	24.1	27	3.1	0.0	0.0
	7	8	6	aug	mon	91.5	145.4	608.2	10.7	8.0	86	2.2	0.0	0.0
	8	8	6	sep	tue	91.0	129.5	692.6	7.0	13.1	63	5.4	0.0	0.0
	9	7	5	sep	sat	92.5	88.0	698.6	7.1	22.8	40	4.0	0.0	0.0

In [12]: fires.corr()

Out[10]:

```
DMC
                                                                              ISI
Out[12]:
                          Χ
                                     Υ
                                            FFMC
                                                                   DC
                                                                                                  RH
                                                                                                           wind
                                                                                      temp
                Х
                   1.000000
                              0.539548
                                        -0.021039
                                                   -0.048384
                                                             -0.085916
                                                                        0.006210
                                                                                  -0.051258
                                                                                             0.085223
                                                                                                        0.018798 0.065
                    0.539548
                              1.000000
                                        -0.046308
                                                   0.007782
                                                             -0.101178
                                                                        -0.024488
                                                                                  -0.024103
                                                                                             0.062221
                                                                                                       -0.020341
                                                                                                                 0.033
             FFMC -0.021039
                              -0.046308
                                         1.000000
                                                   0.382619
                                                              0.330512
                                                                        0.531805
                                                                                   0.431532
                                                                                             -0.300995
                                                                                                       -0.028485 0.056
             DMC -0.048384
                              0.007782
                                         0.382619
                                                   1.000000
                                                              0.682192
                                                                        0.305128
                                                                                   0.469594
                                                                                             0.073795
                                                                                                       -0.105342 0.074
               DC -0.085916
                             -0.101178
                                         0.330512
                                                   0.682192
                                                              1.000000
                                                                        0.229154
                                                                                   0.496208
                                                                                            -0.039192
                                                                                                       -0.203466 0.035
                                                                                                        0.106826 0.067
               ISI
                    0.006210
                              -0.024488
                                         0.531805
                                                   0.305128
                                                              0.229154
                                                                        1.000000
                                                                                   0.394287
                                                                                             -0.132517
                              -0.024103
                                                              0.496208
                                                                                                       -0.227116 0.069
             temp -0.051258
                                         0.431532
                                                   0.469594
                                                                        0.394287
                                                                                   1.000000
                                                                                             -0.527390
              RH
                    0.085223
                              0.062221 -0.300995
                                                   0.073795
                                                             -0.039192
                                                                        -0.132517
                                                                                  -0.527390
                                                                                             1.000000
                                                                                                        0.069410 0.099
                                                  -0.105342
                   0.018798
                              -0.020341
                                       -0.028485
                                                             -0.203466
                                                                                  -0.227116
                                                                                             0.069410
                                                                                                        1.000000 0.061
             wind
                                                                        0.106826
                                                   0.074790
                                                              0.035861
                                                                        0.067668
                                                                                   0.069491
                                                                                                        0.061119
                                                                                                                1.000
              rain
                    0.065387
                              0.033234
                                         0.056702
                                                                                             0.099751
                                                              0.096724
                                                                        0.035663
                                                                                                        0.055702 0.025
           output
                    0.062491
                              0.056892
                                         0.073823
                                                   0.062672
                                                                                   0.076047
                                                                                             -0.035587
           numerical_feature = fires.describe(include=["int", "float"]).columns
In [15]:
           # Print it in list type ..
           print(list(numerical feature))
           ['X', 'Y', 'FFMC', 'DMC', 'DC', 'ISI', 'temp', 'RH', 'wind', 'rain', 'output']
In [16]:
           sns.set style('darkgrid')
           # Find the relation
           # plt.subplot(fires)
           sns.pairplot(fires[["temp", "wind", "rain","DC"]])
```

plt.show()



```
In [17]: for idx, col in enumerate(numerical_feature, 1):
    plt.figure(figsize=(5,5))

#    plt.subplot(len(numerical_feature) // 2, 3, idx)
    plt.boxplot(fires[col])

    plt.title(col)
    plt.hist(fires[col])

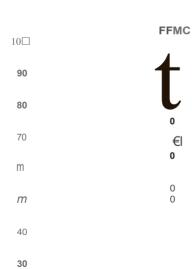
plt.tight_layout()
plt.show(plt)
```

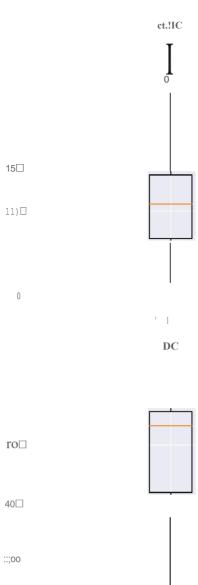
:2

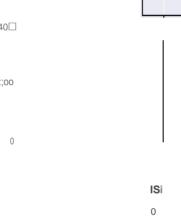
:20

0

0







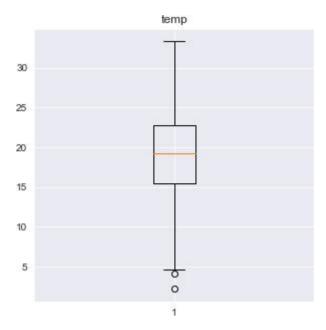


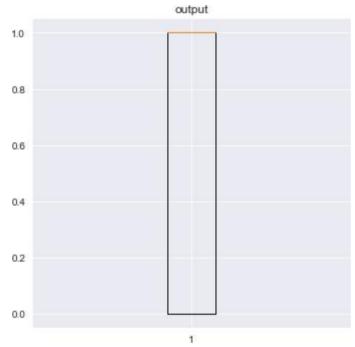
rain

RH

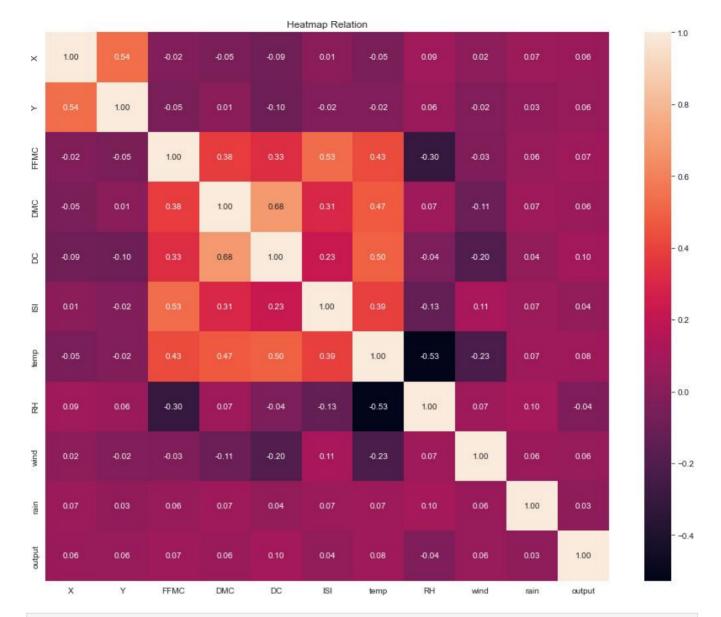
m

8 C C





```
In [18]: plt.figure(figsize=(15, 12))
    plt.title("Heatmap Relation")
    sns.heatmap(fires[numerical_feature].corr(), annot=True, fmt='.2f');
```



In [19]: highest_rain = fires.sort_values(by='rain', ascending=False)[['month', 'day', 'rain']].head()
highest_rain

```
Out[19]:
                  month day
                                rain
            499
                                  6.4
                     aug
                           tue
            509
                             fri
                                  1.4
                     aug
            243
                                  1.0
                     aug
                           sun
                                  8.0
            500
                     aug
                           tue
            501
                                  0.8
                     aug
                           tue
```

```
In [20]: highest_temp = fires.sort_values(by='temp', ascending=False)[['month', 'day', 'temp']].head()
    plt.figure(figsize=(9, 6))

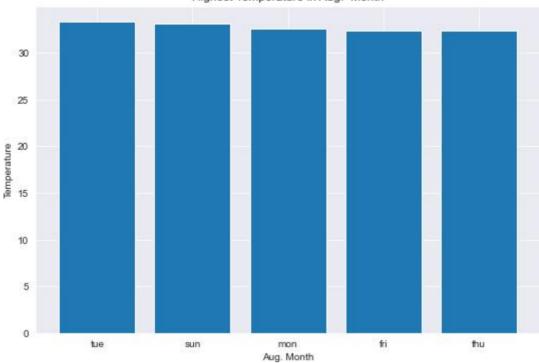
plt.title("Highest Temperature in Aug. Month")

plt.bar(highest_temp['day'], highest_temp['temp'])

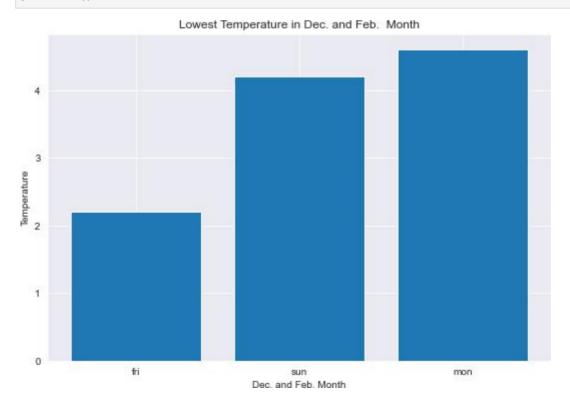
plt.xlabel("Day")
    plt.xlabel("Aug. Month")

plt.ylabel("Temperature")
    plt.show()
```





```
In [21]:
         lowest_temp = fires.sort_values(by='temp', ascending=True)[['month', 'day', 'temp']].head()
         plt.figure(figsize=(9, 6))
         plt.title("Lowest Temperature in Dec. and Feb. Month")
         plt.bar(lowest_temp['day'], lowest_temp['temp'])
          plt.xlabel("Day")
         plt.xlabel("Dec. and Feb. Month")
         plt.ylabel("Temperature")
         plt.show()
```



	X	Y	month	day	FFMC	DMC	DC	ISI	temp	RH	wind	rain	output
0	7	5	mar	fri	86.2	26.2	94.3	5.1	8.2	51	6.7	0.0	0.0
1	7	4	oct	tue	90.6	35.4	669.1	6.7	18.0	33	0.9	0.0	0.0
2	7	4	oct	sat	90.6	43.7	686.9	6.7	14.6	33	1.3	0.0	0.0
3	8	6	mar	fri	91.7	33.3	77.5	9.0	8.3	97	4.0	0.2	0.0
4	8	6	mar	sun	89.3	51.3	102.2	9.6	11.4	99	1.8	0.0	0.0
5	8	6	aug	sun	92.3	85.3	488.0	14.7	22.2	29	5.4	0.0	0.0
6	8	6	aug	mon	92.3	88.9	495.6	8.5	24.1	27	3.1	0.0	0.0
7	8	6	aug	mon	91.5	145.4	608.2	10.7	8.0	86	2.2	0.0	0.0
8	8	6	sep	tue	91.0	129.5	692.6	7.0	13.1	63	5.4	0.0	0.0
9	7	5	sep	sat	92.5	88.0	698.6	7.1	22.8	40	4.0	0.0	0.0
10	7	5	sep	sat	92.5	88.0	698.6	7.1	17.8	51	7.2	0.0	0.0
11	7	5	sep	sat	92.8	73.2	713.0	22.6	19.3	38	4.0	0.0	0.0
12	6	5	aug	fri	63.5	70.8	665.3	0.8	17.0	72	6.7	0.0	0.0
13	6	5	sep	mon	90.9	126.5	686.5	7.0	21.3	42	2.2	0.0	0.0
14	6	5	sep	wed	92.9	133.3	699.6	9.2	26.4	21	4.5	0.0	0.0
15	6	5	sep	fri	93.3	141.2	713.9	13.9	22.9	44	5.4	0.0	0.0
16	5	5	mar	sat	91.7	35.8	80.8	7.8	15.1	27	5.4	0.0	0.0
17	8	5	oct	mon	84.9	32.8	664.2	3.0	16.7	47	4.9	0.0	0.0
18	6	4	mar	wed	89.2	27.9	70.8	6.3	15.9	35	4.0	0.0	0.0
19	6	4	apr	sat	86.3	27.4	97.1	5.1	9.3	44	4.5	0.0	0.0
20	6	4	sep	tue	91.0	129.5	692.6	7.0	18.3	40	2.7	0.0	0.0
21	5	4	sep	mon	91.8	78.5	724.3	9.2	19.1	38	2.7	0.0	0.0
22	7	4	jun	sun	94.3	96.3	200.0	56.1	21.0	44	4.5	0.0	0.0
23	7	4	aug	sat	90.2	110.9	537.4	6.2	19.5	43	5.8	0.0	0.0
24	7	4	aug	sat	93.5	139.4	594.2	20.3	23.7	32	5.8	0.0	0.0
25	7	4	aug	sun	91.4	142.4	601.4	10.6	16.3	60	5.4	0.0	0.0
26	7	4	sep	fri	92.4	117.9	668.0	12.2	19.0	34	5.8	0.0	0.0
27	7	4	sep	mon	90.9	126.5	686.5	7.0	19.4	48	1.3	0.0	0.0
28	6	3	sep	sat	93.4	145.4	721.4	8.1	30.2	24	2.7	0.0	0.0
29	6	3	sep	sun	93.5	149.3	728.6	8.1	22.8	39	3.6	0.0	0.0
30	6	3	sep	fri	94.3	85.1	692.3	15.9	25.4	24	3.6	0.0	0.0
31	6	3	sep	mon	88.6	91.8	709.9	7.1	11.2	78	7.6	0.0	0.0
32	6	3	sep	fri	88.6	69.7	706.8	5.8	20.6	37	1.8	0.0	0.0
33	6	3	sep	sun	91.7	75.6	718.3	7.8	17.7	39	3.6	0.0	0.0
34	6	3	sep	mon	91.8	78.5	724.3	9.2	21.2	32	2.7	0.0	0.0
35	6	3	sep	tue	90.3	80.7	730.2	6.3	18.2	62	4.5	0.0	0.0
36	6	3	oct	tue	90.6	35.4	669.1	6.7	21.7	24	4.5	0.0	0.0

Out[22]:

	X	Y	month	day	FFMC	DMC	DC	ISI	temp	RH	wind	rain	output
37	7	4	oct	fri	90.0	41.5	682.6	8.7	11.3	60	5.4	0.0	0.0
38	7	3	oct	sat	90.6	43.7	686.9	6.7	17.8	27	4.0	0.0	0.0
39	4	4	mar	tue	88.1	25.7	67.6	3.8	14.1	43	2.7	0.0	0.0
40	4	4	jul	tue	79.5	60.6	366.7	1.5	23.3	37	3.1	0.0	0.0
41	4	4	aug	sat	90.2	96.9	624.2	8.9	18.4	42	6.7	0.0	0.0
42	4	4	aug	tue	94.8	108.3	647.1	17.0	16.6	54	5.4	0.0	0.0
43	4	4	sep	sat	92.5	88.0	698.6	7.1	19.6	48	2.7	0.0	0.0
44	4	4	sep	wed	90.1	82.9	735.7	6.2	12.9	74	4.9	0.0	0.0
45	5	6	sep	wed	94.3	85.1	692.3	15.9	25.9	24	4.0	0.0	0.0
46	5	6	sep	mon	90.9	126.5	686.5	7.0	14.7	70	3.6	0.0	0.0
47	6	6	jul	mon	94.2	62.3	442.9	11.0	23.0	36	3.1	0.0	0.0
48	4	4	mar	mon	87.2	23.9	64.7	4.1	11.8	35	1.8	0.0	0.0
49	4	4	mar	mon	87.6	52.2	103.8	5.0	11.0	46	5.8	0.0	0.0
50	4	4	sep	thu	92.9	137.0	706.4	9.2	20.8	17	1.3	0.0	0.0
51	4	3	aug	sun	90.2	99.6	631.2	6.3	21.5	34	2.2	0.0	0.0
52	4	3	aug	wed	92.1	111.2	654.1	9.6	20.4	42	4.9	0.0	0.0
53	4	3	aug	wed	92.1	111.2	654.1	9.6	20.4	42	4.9	0.0	0.0
54	4	3	aug	thu	91.7	114.3	661.3	6.3	17.6	45	3.6	0.0	0.0
55	4	3	sep	thu	92.9	137.0	706.4	9.2	27.7	24	2.2	0.0	0.0
56	4	3	sep	tue	90.3	80.7	730.2	6.3	17.8	63	4.9	0.0	0.0
57	4	3	oct	sun	92.6	46.5	691.8	8.8	13.8	50	2.7	0.0	0.0
58	2	2	feb	mon	84.0	9.3	34.0	2.1	13.9	40	5.4	0.0	0.0
59	2	2	feb	fri	86.6	13.2	43.0	5.3	12.3	51	0.9	0.0	0.0
60	2	2	mar	sun	89.3	51.3	102.2	9.6	11.5	39	5.8	0.0	0.0
61	2	2	mar	sun	89.3	51.3	102.2	9.6	5.5	59	6.3	0.0	0.0
62	2	2	aug	thu	93.0	75.3	466.6	7.7	18.8	35	4.9	0.0	0.0
63	2	2	aug	sun	90.2	99.6	631.2	6.3	20.8	33	2.7	0.0	0.0
64	2	2	aug	mon	91.1	103.2	638.8	5.8	23.1	31	3.1	0.0	0.0
65	2	2	aug	thu	91.7	114.3	661.3	6.3	18.6	44	4.5	0.0	0.0
66	2	2	sep	fri	92.4	117.9	668.0	12.2	23.0	37	4.5	0.0	0.0
67	2	2	sep	fri	92.4	117.9	668.0	12.2	19.6	33	5.4	0.0	0.0
68	2	2	sep	fri	92.4	117.9	668.0	12.2	19.6	33	6.3	0.0	0.0
69	4	5	mar	fri	91.7	33.3	77.5	9.0	17.2	26	4.5	0.0	0.0
70	4	5	mar	fri	91.2	48.3	97.8	12.5	15.8	27	7.6	0.0	0.0
71	4	5	sep	fri	94.3	85.1	692.3	15.9	17.7	37	3.6	0.0	0.0
72	5	4	mar	fri	91.7	33.3	77.5	9.0	15.6	25	6.3	0.0	0.0
73	5	4	aug	tue	88.8	147.3	614.5	9.0	17.3	43	4.5	0.0	0.0

74	5	4	sep	fri	93.3	141.2	713.9	13.9	27.6	30	1.3	0.0	0.0
75	9	9	feb	thu	84.2	6.8	26.6	7.7	6.7	79	3.1	0.0	0.0
76	9	9	feb	fri	86.6	13.2	43.0	5.3	15.7	43	3.1	0.0	0.0
77	1	3	mar	mon	87.6	52.2	103.8	5.0	8.3	72	3.1	0.0	0.0
78	1	2	aug	fri	90.1	108.0	529.8	12.5	14.7	66	2.7	0.0	0.0
79	1	2	aug	tue	91.0	121.2	561.6	7.0	21.6	19	6.7	0.0	0.0
80	1	2	aug	sun	91.4	142.4	601.4	10.6	19.5	39	6.3	0.0	0.0
81	1	2	aug	sun	90.2	99.6	631.2	6.3	17.9	44	2.2	0.0	0.0
82	1	2	aug	tue	94.8	108.3	647.1	17.0	18.6	51	4.5	0.0	0.0
83	1	2	aug	wed	92.1	111.2	654.1	9.6	16.6	47	0.9	0.0	0.0
84	1	2	aug	thu	91.7	114.3	661.3	6.3	20.2	45	3.6	0.0	0.0
85	1	2	sep	thu	92.9	137.0	706.4	9.2	21.5	15	0.9	0.0	0.0
86	1	2	sep	thu	92.9	137.0	706.4	9.2	25.4	27	2.2	0.0	0.0
87	1	2	sep	thu	92.9	137.0	706.4	9.2	22.4	34	2.2	0.0	0.0
88	1	2	sep	sun	93.5	149.3	728.6	8.1	25.3	36	3.6	0.0	0.0
89	6	5	mar	sat	91.7	35.8	80.8	7.8	17.4	25	4.9	0.0	0.0
90	6	5	aug	sat	90.2	96.9	624.2	8.9	14.7	59	5.8	0.0	0.0
91	8	6	mar	fri	91.7	35.8	80.8	7.8	17.4	24	5.4	0.0	0.0
92	8	6	aug	sun	92.3	85.3	488.0	14.7	20.8	32	6.3	0.0	0.0
93	8	6	aug	sun	91.4	142.4	601.4	10.6	18.2	43	4.9	0.0	0.0
94	8	6	aug	mon	91.1	103.2	638.8	5.8	23.4	22	2.7	0.0	0.0
95	4	4	sep	sun	89.7	90.0	704.4	4.8	17.8	64	1.3	0.0	0.0
96	3	4	feb	sat	83.9	8.0	30.2	2.6	12.7	48	1.8	0.0	0.0
97	3	4	mar	sat	69.0	2.4	15.5	0.7	17.4	24	5.4	0.0	0.0
98	3	4	aug	sun	91.4	142.4	601.4	10.6	11.6	87	4.5	0.0	0.0
99	3	4	aug	sun	91.4	142.4	601.4	10.6	19.8	39	5.4	0.0	0.0
100	3	4	aug	sun	91.4	142.4	601.4	10.6	19.8	39	5.4	0.0	0.0
101	3	4	aug	tue	88.8	147.3	614.5	9.0	14.4	66	5.4	0.0	0.0
102	2	4	aug	tue	94.8	108.3	647.1	17.0	20.1	40	4.0	0.0	0.0
103	2	4	sep	sat	92.5	121.1	674.4	8.6	24.1	29	4.5	0.0	0.0
104	2	4	jan	sat	82.1	3.7	9.3	2.9	5.3	78	3.1	0.0	0.0
105	4	5	mar	fri	85.9	19.5	57.3	2.8	12.7	52	6.3	0.0	0.0
106	4	5	mar	thu	91.4	30.7	74.3	7.5	18.2	29	3.1	0.0	0.0
107	4	5	aug	sun	90.2	99.6	631.2	6.3	21.4	33	3.1	0.0	0.0
108	4	5	sep	sat	92.5	88.0	698.6	7.1	20.3	45	3.1	0.0	0.0
109	4	5	sep	mon	88.6	91.8	709.9	7.1	17.4	56	5.4	0.0	0.0
110	4	4	mar	fri	85.9	19.5	57.3	2.8	13.7	43	5.8	0.0	0.0

111 3 4		X	Υ	month	day	FFMC	DMC	DC	ISI	temp	RH	wind	rain	output
114	111	3	4	mar	fri	91.7	33.3	77.5	9.0	18.8	18	4.5	0.0	0.0
114 3 4 mar tue 88.1 25.7 67.6 3.8 15.8 27 7.6 0.0 0.0 115 3 5 mar tue 88.1 25.7 67.6 3.8 15.5 27 6.3 0.0 0.0 117 3 4 mar sat 91.7 35.8 80.8 7.8 11.6 30 6.3 0.0 0.0 117 3 4 mar sat 91.7 35.8 80.8 7.8 11.6 30 6.0 0.0 0.0 119 3 4 mar mon 91.5 145.4 608.2 10.7 17.1 43 5.4 0.0 0.0 120 3 4 aug mon 91.5 145.4 608.2 10.7 17.1 43 5.4 0.0 0.0 121 3 4 sep fue 84.1 73.4	112	3	4	sep	sun	89.7	90.0	704.4	4.8	22.8	39	3.6	0.0	0.0
116 3	113	3	4	sep	mon	91.8	78.5	724.3	9.2	18.9	35	2.7	0.0	0.0
116 3 4 mar sat 91.7 35.8 80.8 7.8 11.6 30 6.3 0.0 0.0 117 3 4 mar sat 91.7 35.8 80.8 7.8 15.2 27 4.9 0.0 0.0 118 3 4 mar mon 90.1 39.7 86.6 6.2 10.6 30 4.0 0.0 0.0 120 3 4 aug mon 91.5 145.4 608.2 10.7 17.1 43 5.4 0.0 0.0 122 3 4 sep sun 92.4 124.1 680.7 8.5 22.5 42 5.4 0.0 0.0 122 3 4 sep fri 94.3 85.1 692.3 15.9 19.8 50 5.4 0.0 0.0 122 3 4 sep fri 94.3 85.1 <td< th=""><th>114</th><th>3</th><th>4</th><th>mar</th><th>tue</th><th>88.1</th><th>25.7</th><th>67.6</th><th>3.8</th><th>15.8</th><th>27</th><th>7.6</th><th>0.0</th><th>0.0</th></td<>	114	3	4	mar	tue	88.1	25.7	67.6	3.8	15.8	27	7.6	0.0	0.0
117 3 4 mar sat 91.7 35.8 80.8 7.8 15.2 27 4.9 0.0 0.0 118 3 4 mar mon 90.1 39.7 86.6 6.2 10.6 30 4.0 0.0 0.0 119 3 4 aug thu 93.0 75.3 466.6 7.7 19.6 36 3.1 0.0 0.0 120 3 4 aug mon 91.5 145.4 608.2 10.7 17.1 43 5.4 0.0 0.0 122 3 4 sep sun 92.4 124.1 680.7 8.5 22.5 42 5.4 0.0 0.0 122 3 4 sep fri 94.3 85.1 692.3 15.9 19.8 50 5.4 0.0 0.0 122 3 5 sep fri 94.5 52.2 <t< th=""><th>115</th><th>3</th><th>5</th><th>mar</th><th>tue</th><th>88.1</th><th>25.7</th><th>67.6</th><th>3.8</th><th>15.5</th><th>27</th><th>6.3</th><th>0.0</th><th>0.0</th></t<>	115	3	5	mar	tue	88.1	25.7	67.6	3.8	15.5	27	6.3	0.0	0.0
118 3 4 mar mon 90.1 39.7 86.6 6.2 10.6 30 4.0 0.0 0.0 119 3 4 aug thu 93.0 75.3 466.6 7.7 19.6 36 3.1 0.0 0.0 120 3 4 aug mon 91.5 145.4 608.2 10.7 17.1 43 54 0.0 0.0 122 3 4 sep sun 92.4 124.1 680.7 8.5 22.5 42 54 0.0 0.0 122 3 4 sep tue 84.4 73.4 671.9 3.2 17.9 45 3.1 0.0 0.0 122 3 4 oct sun 92.6 46.5 691.8 8.8 20.6 24 54 0.0 0.0 122 3 5 sep fri 93.5 149.3	116	3	4	mar	sat	91.7	35.8	80.8	7.8	11.6	30	6.3	0.0	0.0
119 3 4 aug thu 93.0 75.3 466.6 7.7 19.6 36 3.1 0.0 0.0 120 3 4 aug mon 91.5 145.4 608.2 10.7 17.1 43 5.4 0.0 0.0 121 3 4 sug mon 91.5 145.4 608.2 10.7 17.1 43 5.4 0.0 0.0 122 3 4 sep tue 84.4 73.4 671.9 3.2 17.9 45 3.1 0.0 0.0 122 3 4 sep fri 94.3 85.1 692.3 15.9 145 3.1 0.0 0.0 122 3 5 sep fri 93.5 149.3 728.6 8.1 17.2 43 3.1 0.0 0.0 122 3 5 sep fri 93.5 149.3 728.6	117	3	4	mar	sat	91.7	35.8	80.8	7.8	15.2	27	4.9	0.0	0.0
120 3 4 aug mon 91.5 145.4 608.2 10.7 10.3 74 2.2 0.0 0.0 121 3 4 aug mon 91.5 145.4 608.2 10.7 17.1 43 5.4 0.0 0.0 122 3 4 sep sun 92.4 124.1 680.7 8.5 22.5 42 5.4 0.0 0.0 123 3 4 sep fri 94.3 85.1 692.3 15.9 19.8 50 5.4 0.0 0.0 126 3 4 oct sun 92.6 46.5 691.8 8.8 20.6 24 5.4 0.0 0.0 126 3 5 oct sun 92.6 46.5 691.8 8.8 15.4 43 3.1 0.0 0.0 127 3 5 oct sun 92.6 46.5	118	3	4	mar	mon	90.1	39.7	86.6	6.2	10.6	30	4.0	0.0	0.0
121 3 4 aug mon 91.5 145.4 608.2 10.7 17.1 43 5.4 0.0 0.0 122 3 4 sep sun 92.4 124.1 680.7 8.5 22.5 42 5.4 0.0 0.0 123 3 4 sep fri 94.3 85.1 692.3 15.9 19.8 50 5.4 0.0 0.0 125 3 4 oct sun 92.6 46.5 691.8 8.8 20.6 24 5.4 0.0 0.0 126 3 5 mar mon 87.6 52.2 103.8 5.0 90 49 2.2 0.0 0.0 127 3 5 sep fri 93.5 149.3 728.6 8.1 17.2 43 3.1 0.0 0.0 128 3 5 oct sun 92.6 46.5 <	119	3	4	aug	thu	93.0	75.3	466.6	7.7	19.6	36	3.1	0.0	0.0
122 3 4 sep sun 92.4 124.1 680.7 8.5 22.5 42 5.4 0.0 0.0 123 3 4 sep tue 84.4 73.4 671.9 3.2 17.9 45 3.1 0.0 0.0 124 3 4 sep fri 94.3 85.1 692.3 15.9 19.8 50 5.4 0.0 0.0 126 3 5 mar mon 87.6 52.2 103.8 5.0 9.0 49 2.2 0.0 0.0 127 3 5 sep fri 93.5 149.3 728.6 8.1 17.2 43 3.1 0.0 0.0 127 3 5 sep fri 93.5 149.3 728.6 8.1 17.2 43 3.1 0.0 0.0 128 3 5 oct sun 92.6 46.5 <	120	3	4	aug	mon	91.5	145.4	608.2	10.7	10.3	74	2.2	0.0	0.0
123 3 4 sep tue 84.4 73.4 671.9 3.2 17.9 45 3.1 0.0 0.0 124 3 4 sep fri 94.3 85.1 692.3 15.9 19.8 50 5.4 0.0 0.0 125 3 4 oct sun 92.6 46.5 691.8 8.8 20.6 24 5.4 0.0 0.0 126 3 5 mar mon 87.6 52.2 103.8 5.0 9.0 49 2.2 0.0 0.0 127 3 5 sep fri 93.5 149.3 728.6 8.1 17.2 43 3.1 0.0 0.0 128 3 5 oct sun 93.6 46.5 691.8 8.8 15.4 40 3.6 0.0 0.0 130 4 6 mar mon 87.2 23.9 <th< th=""><th>121</th><th>3</th><th>4</th><th>aug</th><th>mon</th><th>91.5</th><th>145.4</th><th>608.2</th><th>10.7</th><th>17.1</th><th>43</th><th>5.4</th><th>0.0</th><th>0.0</th></th<>	121	3	4	aug	mon	91.5	145.4	608.2	10.7	17.1	43	5.4	0.0	0.0
124 3 4 sep fri 94.3 85.1 692.3 15.9 19.8 50 5.4 0.0 0.0 125 3 4 oct sun 92.6 46.5 691.8 8.8 20.6 24 5.4 0.0 0.0 126 3 5 mar mon 87.6 52.2 103.8 5.0 90 49 2.2 0.0 0.0 127 3 5 sep fri 93.5 149.3 728.6 8.1 17.2 43 3.1 0.0 0.0 129 2 5 oct sun 92.6 46.5 691.8 8.8 15.4 40 2.7 0.0 0.0 131 4 6 fri 92.6 46.5 691.8 8.8 15.4 40 2.7 0.0 0.0 131 4 6 fri 93.5 13.3 102.2 99.6 <	122	3	4	sep	sun	92.4	124.1	680.7	8.5	22.5	42	5.4	0.0	0.0
125 3 4 oct sun 92.6 46.5 691.8 8.8 20.6 24 5.4 0.0 0.0 126 3 5 mar mon 87.6 52.2 103.8 5.0 90. 49 2.2 0.0 0.0 127 3 5 sep fri 93.5 149.3 728.6 8.1 17.2 43 3.1 0.0 0.0 128 3 5 oct wed 91.4 37.9 673.8 5.2 15.9 46 3.6 0.0 0.0 130 4 6 feb sat 68.2 21.5 87.2 0.8 15.4 40 2.7 0.0 0.0 131 4 6 mar mon 87.2 23.9 64.7 4.1 14.0 39 3.1 0.0 0.0 132 4 6 mar sun 89.3 51.3 10	123	3	4	sep	tue	84.4	73.4	671.9	3.2	17.9	45	3.1	0.0	0.0
126 3 5 mar mon 87.6 52.2 103.8 5.0 9.0 49 2.2 0.0 0.0 127 3 5 sep fri 93.5 149.3 728.6 8.1 17.2 43 3.1 0.0 0.0 128 3 5 oct wed 91.4 37.9 673.8 5.2 15.9 46 3.6 0.0 0.0 130 4 6 feb sat 68.2 21.5 87.2 0.8 15.4 40 2.7 0.0 0.0 131 4 6 mar mon 87.2 23.9 64.7 4.1 14.0 39 3.1 0.0 0.0 133 4 6 mar sun 89.3 51.3 102.2 9.6 10.6 46 4.9 0.0 0.0 133 5 mar tue 88.1 25.7 67.6 <th< th=""><th>124</th><th>3</th><td>4</td><td>sep</td><td>fri</td><td>94.3</td><td>85.1</td><td>692.3</td><td>15.9</td><td>19.8</td><td>50</td><td>5.4</td><td>0.0</td><td>0.0</td></th<>	124	3	4	sep	fri	94.3	85.1	692.3	15.9	19.8	50	5.4	0.0	0.0
127 3 5 sep fri 93.5 149.3 728.6 8.1 17.2 43 3.1 0.0 0.0 128 3 5 oct wed 91.4 37.9 673.8 5.2 15.9 46 3.6 0.0 0.0 130 4 6 feb sat 68.2 21.5 87.2 0.8 15.4 40 2.7 0.0 0.0 131 4 6 mar mon 87.2 23.9 64.7 4.1 14.0 39 3.1 0.0 0.0 133 4 6 mar sun 89.3 51.3 102.2 9.6 10.6 46 4.9 0.0 0.0 133 4 6 sep thu 93.7 80.9 685.2 17.9 17.6 42 3.1 0.0 0.0 134 3 5 mar tue 88.1 25.7	125	3	4	oct	sun	92.6	46.5	691.8	8.8	20.6	24	5.4	0.0	0.0
128 3 5 oct wed 91.4 37.9 673.8 5.2 15.9 46 3.6 0.0 0.0 129 2 5 oct sun 92.6 46.5 691.8 8.8 15.4 35 0.9 0.0 0.0 130 4 6 feb sat 68.2 21.5 87.2 0.8 15.4 40 2.7 0.0 0.0 131 4 6 mar sun 89.3 51.3 102.2 9.6 10.6 46 4.9 0.0 0.0 133 4 6 sep thu 93.7 80.9 685.2 17.9 17.6 42 3.1 0.0 0.0 134 3 5 mar tue 88.1 25.7 67.6 3.8 14.9 38 2.7 0.0 0.0 135 3 6 sep sun 92.4 124.1	126	3	5	mar	mon	87.6	52.2	103.8	5.0	9.0	49	2.2	0.0	0.0
129 2 5 oct sun 92.6 46.5 691.8 8.8 15.4 35 0.9 0.0 0.0 130 4 6 feb sat 68.2 21.5 87.2 0.8 15.4 40 2.7 0.0 0.0 131 4 6 mar mon 87.2 23.9 64.7 4.1 14.0 39 3.1 0.0 0.0 133 4 6 mar sun 89.3 51.3 102.2 9.6 10.6 46 4.9 0.0 0.0 134 3 5 mar tue 88.1 25.7 67.6 3.8 14.9 38 2.7 0.0 0.0 135 3 5 mar yea 93.5 139.4 594.2 20.3 17.6 52 5.8 0.0 0.0 136 3 6 sep sun 92.4 124.1	127	3	5	sep	fri	93.5	149.3	728.6	8.1	17.2	43	3.1	0.0	0.0
130 4 6 feb sat 68.2 21.5 87.2 0.8 15.4 40 2.7 0.0 0.0 131 4 6 mar mon 87.2 23.9 64.7 4.1 14.0 39 3.1 0.0 0.0 132 4 6 mar sun 89.3 51.3 102.2 9.6 10.6 46 4.9 0.0 0.0 133 4 6 sep thu 93.7 80.9 685.2 17.9 17.6 42 3.1 0.0 0.0 134 3 5 mar tue 88.1 25.7 67.6 3.8 14.9 38 2.7 0.0 0.0 135 3 6 sep sun 92.4 124.1 680.7 8.5 17.2 58 1.3 0.0 0.0 137 3 6 sep mon 90.9 126.5	128	3	5	oct	wed	91.4	37.9	673.8	5.2	15.9	46	3.6	0.0	0.0
131 4 6 mar mon 87.2 23.9 64.7 4.1 14.0 39 3.1 0.0 0.0 132 4 6 mar sun 89.3 51.3 102.2 9.6 10.6 46 4.9 0.0 0.0 133 4 6 sep thu 93.7 80.9 685.2 17.9 17.6 42 3.1 0.0 0.0 134 3 5 mar tue 88.1 25.7 67.6 3.8 14.9 38 2.7 0.0 0.0 135 3 5 aug sat 93.5 139.4 594.2 20.3 17.6 52 5.8 0.0 0.0 136 3 6 sep sun 92.4 124.1 680.7 8.5 17.2 58 1.3 0.0 0.0 137 3 6 sep mon 90.9 126.5 <	129	2	5	oct	sun	92.6	46.5	691.8	8.8	15.4	35	0.9	0.0	0.0
132 4 6 mar sun 89.3 51.3 102.2 9.6 10.6 46 4.9 0.0 0.0 133 4 6 sep thu 93.7 80.9 685.2 17.9 17.6 42 3.1 0.0 0.0 134 3 5 mar tue 88.1 25.7 67.6 3.8 14.9 38 2.7 0.0 0.0 135 3 5 aug sat 93.5 139.4 594.2 20.3 17.6 52 5.8 0.0 0.0 136 3 6 sep sun 92.4 124.1 680.7 8.5 17.2 58 1.3 0.0 0.0 137 3 6 sep mon 90.9 126.5 686.5 7.0 15.6 66 3.1 0.0 1.0 139 1 4 sep tue 91.0 129.5	130	4	6	feb	sat	68.2	21.5	87.2	8.0	15.4	40	2.7	0.0	0.0
133 4 6 sep thu 93.7 80.9 685.2 17.9 17.6 42 3.1 0.0 0.0 134 3 5 mar tue 88.1 25.7 67.6 3.8 14.9 38 2.7 0.0 0.0 135 3 5 aug sat 93.5 139.4 594.2 20.3 17.6 52 5.8 0.0 0.0 136 3 6 sep sun 92.4 124.1 680.7 8.5 17.2 58 1.3 0.0 0.0 137 3 6 sep mon 90.9 126.5 686.5 7.0 15.6 66 3.1 0.0 0.0 138 9 9 jul tue 85.8 48.3 313.4 3.9 18.0 42 2.7 0.0 1.0 149 1 4 sep tue 91.0 129.5	131	4	6	mar	mon	87.2	23.9	64.7	4.1	14.0	39	3.1	0.0	0.0
134 3 5 mar tue 88.1 25.7 67.6 3.8 14.9 38 2.7 0.0 0.0 135 3 5 aug sat 93.5 139.4 594.2 20.3 17.6 52 5.8 0.0 0.0 136 3 6 sep sun 92.4 124.1 680.7 8.5 17.2 58 1.3 0.0 0.0 137 3 6 sep mon 90.9 126.5 686.5 7.0 15.6 66 3.1 0.0 0.0 138 9 9 jul tue 85.8 48.3 313.4 3.9 18.0 42 2.7 0.0 1.0 149 1 4 sep tue 91.0 129.5 692.6 7.0 21.7 38 2.2 0.0 1.0 140 2 5 sep mon 90.9 513.3	132	4	6	mar	sun	89.3	51.3	102.2	9.6	10.6	46	4.9	0.0	0.0
135 3 5 aug sat 93.5 139.4 594.2 20.3 17.6 52 5.8 0.0 0.0 136 3 6 sep sun 92.4 124.1 680.7 8.5 17.2 58 1.3 0.0 0.0 137 3 6 sep mon 90.9 126.5 686.5 7.0 15.6 66 3.1 0.0 0.0 138 9 9 jul tue 85.8 48.3 313.4 3.9 18.0 42 2.7 0.0 1.0 140 2 5 sep mon 90.9 126.5 686.5 7.0 21.7 38 2.2 0.0 1.0 141 1 2 aug wed 95.5 99.9 513.3 13.2 23.3 31 4.5 0.0 1.0 142 8 6 aug fri 90.1 108.0	133	4	6	sep	thu	93.7	80.9	685.2	17.9	17.6	42	3.1	0.0	0.0
136 3 6 sep sun 92.4 124.1 680.7 8.5 17.2 58 1.3 0.0 0.0 137 3 6 sep mon 90.9 126.5 686.5 7.0 15.6 66 3.1 0.0 0.0 138 9 9 jul tue 85.8 48.3 313.4 3.9 18.0 42 2.7 0.0 1.0 139 1 4 sep tue 91.0 129.5 692.6 7.0 21.7 38 2.2 0.0 1.0 140 2 5 sep mon 90.9 126.5 686.5 7.0 21.9 39 1.8 0.0 1.0 141 1 2 aug wed 95.5 99.9 513.3 13.2 23.3 31 4.5 0.0 1.0 142 8 6 aug fri 90.0 51.3	134	3	5	mar	tue	88.1	25.7	67.6	3.8	14.9	38	2.7	0.0	0.0
137 3 6 sep mon 90.9 126.5 686.5 7.0 15.6 66 3.1 0.0 0.0 138 9 9 jul tue 85.8 48.3 313.4 3.9 18.0 42 2.7 0.0 1.0 139 1 4 sep tue 91.0 129.5 692.6 7.0 21.7 38 2.2 0.0 1.0 140 2 5 sep mon 90.9 126.5 686.5 7.0 21.9 39 1.8 0.0 1.0 141 1 2 aug wed 95.5 99.9 513.3 13.2 23.3 31 4.5 0.0 1.0 142 8 6 aug fri 90.1 108.0 529.8 12.5 21.2 51 8.9 0.0 1.0 143 1 2 jul sat 90.0 51.3 296.3 8.7 16.6 53 5.4 0.0 <th>135</th> <th>3</th> <td>5</td> <td>aug</td> <td>sat</td> <td>93.5</td> <td>139.4</td> <td>594.2</td> <td>20.3</td> <td>17.6</td> <td>52</td> <td>5.8</td> <td>0.0</td> <td>0.0</td>	135	3	5	aug	sat	93.5	139.4	594.2	20.3	17.6	52	5.8	0.0	0.0
138 9 9 jul tue 85.8 48.3 313.4 3.9 18.0 42 2.7 0.0 1.0 139 1 4 sep tue 91.0 129.5 692.6 7.0 21.7 38 2.2 0.0 1.0 140 2 5 sep mon 90.9 126.5 686.5 7.0 21.9 39 1.8 0.0 1.0 141 1 2 aug wed 95.5 99.9 513.3 13.2 23.3 31 4.5 0.0 1.0 142 8 6 aug fri 90.1 108.0 529.8 12.5 21.2 51 8.9 0.0 1.0 143 1 2 jul sat 90.0 51.3 296.3 8.7 16.6 53 5.4 0.0 1.0 144 2 5 aug wed 95.5 99.9 513.3 13.2 23.8 32 5.4 0.0 1.0 145	136	3	6	sep	sun	92.4	124.1	680.7	8.5	17.2	58	1.3	0.0	0.0
139 1 4 sep tue 91.0 129.5 692.6 7.0 21.7 38 2.2 0.0 1.0 140 2 5 sep mon 90.9 126.5 686.5 7.0 21.9 39 1.8 0.0 1.0 141 1 2 aug wed 95.5 99.9 513.3 13.2 23.3 31 4.5 0.0 1.0 142 8 6 aug fri 90.1 108.0 529.8 12.5 21.2 51 8.9 0.0 1.0 143 1 2 jul sat 90.0 51.3 296.3 8.7 16.6 53 5.4 0.0 1.0 144 2 5 aug wed 95.5 99.9 513.3 13.2 23.8 32 5.4 0.0 1.0 145 6 5 aug thu 95.2 131.7	137	3	6	sep	mon	90.9	126.5	686.5	7.0	15.6	66	3.1	0.0	0.0
140 2 5 sep mon 90.9 126.5 686.5 7.0 21.9 39 1.8 0.0 1.0 141 1 2 aug wed 95.5 99.9 513.3 13.2 23.3 31 4.5 0.0 1.0 142 8 6 aug fri 90.1 108.0 529.8 12.5 21.2 51 8.9 0.0 1.0 143 1 2 jul sat 90.0 51.3 296.3 8.7 16.6 53 5.4 0.0 1.0 144 2 5 aug wed 95.5 99.9 513.3 13.2 23.8 32 5.4 0.0 1.0 145 6 5 aug thu 95.2 131.7 578.8 10.4 27.4 22 4.0 0.0 1.0 146 5 4 mar mon 90.1 39.7 86.6	138	9	9	jul	tue	85.8	48.3	313.4	3.9	18.0	42	2.7	0.0	1.0
141 1 2 aug wed 95.5 99.9 513.3 13.2 23.3 31 4.5 0.0 1.0 142 8 6 aug fri 90.1 108.0 529.8 12.5 21.2 51 8.9 0.0 1.0 143 1 2 jul sat 90.0 51.3 296.3 8.7 16.6 53 5.4 0.0 1.0 144 2 5 aug wed 95.5 99.9 513.3 13.2 23.8 32 5.4 0.0 1.0 145 6 5 aug thu 95.2 131.7 578.8 10.4 27.4 22 4.0 0.0 1.0 146 5 4 mar mon 90.1 39.7 86.6 6.2 13.2 40 5.4 0.0 1.0	139	1	4	sep	tue	91.0	129.5	692.6	7.0	21.7	38	2.2	0.0	1.0
142 8 6 aug fri 90.1 108.0 529.8 12.5 21.2 51 8.9 0.0 1.0 143 1 2 jul sat 90.0 51.3 296.3 8.7 16.6 53 5.4 0.0 1.0 144 2 5 aug wed 95.5 99.9 513.3 13.2 23.8 32 5.4 0.0 1.0 145 6 5 aug thu 95.2 131.7 578.8 10.4 27.4 22 4.0 0.0 1.0 146 5 4 mar mon 90.1 39.7 86.6 6.2 13.2 40 5.4 0.0 1.0	140	2	5	sep	mon	90.9	126.5	686.5	7.0	21.9	39	1.8	0.0	1.0
143 1 2 jul sat 90.0 51.3 296.3 8.7 16.6 53 5.4 0.0 1.0 144 2 5 aug wed 95.5 99.9 513.3 13.2 23.8 32 5.4 0.0 1.0 145 6 5 aug thu 95.2 131.7 578.8 10.4 27.4 22 4.0 0.0 1.0 146 5 4 mar mon 90.1 39.7 86.6 6.2 13.2 40 5.4 0.0 1.0	141	1	2	aug	wed	95.5	99.9	513.3	13.2	23.3	31	4.5	0.0	1.0
144 2 5 aug wed 95.5 99.9 513.3 13.2 23.8 32 5.4 0.0 1.0 145 6 5 aug thu 95.2 131.7 578.8 10.4 27.4 22 4.0 0.0 1.0 146 5 4 mar mon 90.1 39.7 86.6 6.2 13.2 40 5.4 0.0 1.0	142	8	6	aug	fri	90.1	108.0	529.8	12.5	21.2	51	8.9	0.0	1.0
145 6 5 aug thu 95.2 131.7 578.8 10.4 27.4 22 4.0 0.0 1.0 146 5 4 mar mon 90.1 39.7 86.6 6.2 13.2 40 5.4 0.0 1.0	143	1	2	jul	sat	90.0	51.3	296.3	8.7	16.6	53	5.4	0.0	1.0
146 5 4 mar mon 90.1 39.7 86.6 6.2 13.2 40 5.4 0.0 1.0	144	2	5	aug	wed	95.5	99.9	513.3	13.2	23.8	32	5.4	0.0	1.0
		6	5	aug	thu	95.2	131.7	578.8	10.4	27.4	22	4.0	0.0	1.0
147 8 3 sep tue 84.4 73.4 671.9 3.2 24.2 28 3.6 0.0 1.0				mar	mon									
	147	8	3	sep	tue	84.4	73.4	671.9	3.2	24.2	28	3.6	0.0	1.0

150 150	148	2	2	aug	tue	94.8	108.3	647.1	17.0	17.4	43	6.7	0.0	1.0
150 6 5 jun	149	8			thu		80.9			23.7	25	4.5		1.0
151 9 9	150	6	5	•		92.5			7.1			5.4	0.0	
152 3		9												
158 5		3			sat						43	1.8		
154 1 5 sep sat 93.4 145.4 721.4 8.1 29.6 27 2.7 0.0 1.0 155 7 4 aug sun 94.8 108.3 647.1 17.0 16.4 47 1.3 0.0 1.0 156 2 4 sep sat 93.4 145.4 721.4 8.1 28.6 27 2.2 0.0 1.0 157 2 2 aug wed 92.1 111.2 654.1 96. 20.5 35 4.0 0.0 1.0 159 7 4 sep fri 92.4 117.9 668.0 12.2 19.0 34 5.8 0.0 1.0 160 7 4 mar mon 90.1 39.7 86.6 6.2 16.1 29 3.1 0.0 1.0 160 8 5 sep sat 92.5 121.1				-										
155 7 4 aug sun 94.8 108.3 647.1 17.0 16.4 47 1.3 0.0 1.0 156 2 4 sep sat 93.4 145.4 721.4 8.1 28.6 27 2.2 0.0 1.0 157 2 2 aug wed 92.1 111.2 654.1 96. 18.4 45 3.6 0.0 1.0 159 7 4 sep fri 92.4 117.9 668.0 12.2 19.0 34 5.8 0.0 1.0 160 7 4 mar mon 90.1 39.7 86.6 6.2 16.1 29 3.1 0.0 1.0 160 8 sep sat 90.5 121.1 674.4 8.6 17.8 56 1.8 0.0 1.0 164 8 5 sep sun 89.7 90.0 704.4				•				721.4	8.1		27	2.7	0.0	
157 2 2 aug wed 92.1 111.2 654.1 9.6 18.4 45 3.6 0.0 1.0 158 2 4 aug wed 92.1 111.2 654.1 9.6 20.5 35 4.0 0.0 1.0 159 7 4 sep fri 92.4 117.9 668.0 12.2 19.0 34 5.8 0.0 1.0 160 7 4 mar mon 90.1 39.7 86.6 6.2 16.1 29 3.1 0.0 1.0 161 6 4 aug thu 95.2 131.7 578.8 10.4 20.3 41 4.0 0.0 1.0 162 6 3 mar sat 92.5 121.1 674.4 8.6 17.8 56 1.8 0.0 1.0 163 8 5 sep sat 92.5 121.1	155	7	4	-	sun	94.8	108.3	647.1	17.0	16.4	47	1.3	0.0	1.0
158 2 4 aug wed 92.1 111.2 654.1 9.6 20.5 35 4.0 0.0 1.0 159 7 4 sep fri 92.4 117.9 668.0 12.2 19.0 34 5.8 0.0 1.0 160 7 4 mar mon 90.1 39.7 86.6 6.2 16.1 29 3.1 0.0 1.0 161 6 4 aug thu 95.2 131.7 578.8 10.4 20.3 41 4.0 0.0 1.0 162 6 3 mar sat 90.6 50.1 100.4 7.8 15.2 31 8.5 0.0 1.0 163 8 6 sep sat 92.5 121.1 674.4 4.8 17.8 67 22.2 0.0 1.0 164 8 5 mar ftu 81.2 55.0	156	2	4	sep	sat	93.4	145.4	721.4	8.1	28.6	27	2.2	0.0	1.0
159 7 4 sep fri 92.4 117.9 668.0 12.2 19.0 34 5.8 0.0 1.0 160 7 4 mar mon 90.1 39.7 86.6 6.2 16.1 29 3.1 0.0 1.0 161 6 4 aug thu 95.2 131.7 578.8 10.4 20.3 41 4.0 0.0 1.0 162 6 3 mar sat 90.6 50.1 100.4 7.8 15.2 31 8.5 0.0 1.0 163 8 6 sep sat 92.5 121.1 674.4 8.6 17.8 56 1.8 0.0 1.0 164 8 5 sep sun 89.7 90.0 704.4 4.8 17.8 66 1.8 0.0 1.0 166 6 5 mar fri 91.2 181.7	157	2	2	aug	wed	92.1	111.2	654.1	9.6	18.4	45	3.6	0.0	1.0
160 7 4 mar mon 90.1 39.7 86.6 6.2 16.1 29 3.1 0.0 1.0 161 6 4 aug thu 95.2 131.7 578.8 10.4 20.3 41 4.0 0.0 1.0 162 6 3 mar sat 90.6 50.1 100.4 7.8 15.2 31 8.5 0.0 1.0 163 8 6 sep sat 92.5 121.1 674.4 8.6 17.8 56 1.8 0.0 1.0 164 8 5 sep sun 89.7 90.0 704.4 4.8 17.8 67 2.2 0.0 1.0 165 5 mar thu 84.9 18.2 55.0 3.0 5.3 70 4.5 0.0 1.0 166 6 5 mar fri 91.2 11.1 576.5	158	2	4	aug	wed	92.1	111.2	654.1	9.6	20.5	35	4.0	0.0	1.0
161 6 4 aug thu 95.2 131.7 578.8 10.4 20.3 41 4.0 0.0 1.0 162 6 3 mar sat 90.6 50.1 100.4 7.8 15.2 31 8.5 0.0 1.0 163 8 6 sep sat 92.5 121.1 674.4 8.6 17.8 56 1.8 0.0 1.0 164 8 5 sep sun 89.7 90.0 704.4 4.8 17.8 67 2.2 0.0 1.0 165 6 5 mar thu 84.9 18.2 55.0 3.0 5.3 70 4.5 0.0 1.0 166 6 5 mar fri 91.2 48.3 97.8 12.5 14.6 26 9.4 0.0 1.0 167 6 5 mar fri 91.2 48.3 <th< th=""><th>159</th><th>7</th><th>4</th><th>sep</th><th>fri</th><th>92.4</th><th>117.9</th><th>668.0</th><th>12.2</th><th>19.0</th><th>34</th><th>5.8</th><th>0.0</th><th>1.0</th></th<>	159	7	4	sep	fri	92.4	117.9	668.0	12.2	19.0	34	5.8	0.0	1.0
162 6 3 mar sat 90.6 50.1 100.4 7.8 15.2 31 8.5 0.0 1.0 163 8 6 sep sat 92.5 121.1 674.4 8.6 17.8 56 1.8 0.0 1.0 164 8 5 sep sun 89.7 90.0 704.4 4.8 17.8 67 2.2 0.0 1.0 165 6 5 mar thu 84.9 18.2 55.0 3.0 5.3 70 4.5 0.0 1.0 166 6 5 aug wed 92.1 111.2 654.1 9.6 16.6 47 0.9 0.0 1.0 168 6 5 mar fri 91.2 48.3 97.8 12.5 14.6 26 9.4 0.0 1.0 169 8 6 aug thu 95.2 131.7 <th< th=""><th>160</th><th>7</th><th>4</th><th>mar</th><th>mon</th><th>90.1</th><th>39.7</th><th>86.6</th><th>6.2</th><th>16.1</th><th>29</th><th>3.1</th><th>0.0</th><th>1.0</th></th<>	160	7	4	mar	mon	90.1	39.7	86.6	6.2	16.1	29	3.1	0.0	1.0
163 8 6 sep sat 92.5 121.1 674.4 8.6 17.8 56 1.8 0.0 1.0 164 8 5 sep sun 89.7 90.0 704.4 4.8 17.8 67 2.2 0.0 1.0 165 6 5 mar thu 84.9 18.2 55.0 3.0 5.3 70 4.5 0.0 1.0 166 6 5 aug wed 92.1 111.2 654.1 9.6 16.6 47 0.9 0.0 1.0 167 6 5 aug wed 96.0 127.1 570.5 16.5 23.4 33 4.5 0.0 1.0 168 6 5 mar fri 91.2 48.3 97.8 10.4 20.7 45 2.2 0.0 1.0 170 5 4 sep wed 85.6 90.4 <t< th=""><th>161</th><th>6</th><th>4</th><th>aug</th><th>thu</th><th>95.2</th><th>131.7</th><th>578.8</th><th>10.4</th><th>20.3</th><th>41</th><th>4.0</th><th>0.0</th><th>1.0</th></t<>	161	6	4	aug	thu	95.2	131.7	578.8	10.4	20.3	41	4.0	0.0	1.0
164 8 5 sep sun 89.7 90.0 704.4 4.8 17.8 67 2.2 0.0 1.0 165 6 5 mar thu 84.9 18.2 55.0 3.0 5.3 70 4.5 0.0 1.0 166 6 5 aug wed 92.1 111.2 654.1 9.6 16.6 47 0.9 0.0 1.0 167 6 5 aug wed 96.0 127.1 570.5 16.5 23.4 33 4.5 0.0 1.0 169 8 6 aug thu 95.2 131.7 578.8 10.4 20.7 45 2.2 0.0 1.0 170 5 4 sep wed 95.2 131.7 578.8 10.4 20.7 45 2.2 0.0 1.0 171 8 6 aug sep wed 85.6	162	6	3	mar	sat	90.6	50.1	100.4	7.8	15.2	31	8.5	0.0	1.0
165 6 5 mar thu 84.9 18.2 55.0 3.0 5.3 70 4.5 0.0 1.0 166 6 5 aug wed 92.1 111.2 654.1 9.6 16.6 47 0.9 0.0 1.0 167 6 5 aug wed 96.0 127.1 570.5 16.5 23.4 33 4.5 0.0 1.0 168 6 5 mar fri 91.2 48.3 97.8 12.5 14.6 26 9.4 0.0 1.0 170 5 4 sep wed 92.9 133.3 699.6 9.2 21.9 35 1.8 0.0 1.0 171 8 6 aug sun 91.4 142.4 601.4 10.6 20.1 39 5.4 0.0 1.0 172 7 4 aug sat 90.2 96.9	163	8	6	sep	sat	92.5	121.1	674.4	8.6	17.8	56	1.8	0.0	1.0
166 6 5 aug wed 92.1 111.2 654.1 9.6 16.6 47 0.9 0.0 1.0 167 6 5 aug wed 96.0 127.1 570.5 16.5 23.4 33 4.5 0.0 1.0 168 6 5 mar fri 91.2 48.3 97.8 12.5 14.6 26 9.4 0.0 1.0 169 8 6 aug thu 95.2 131.7 578.8 10.4 20.7 45 2.2 0.0 1.0 170 5 4 sep wed 92.9 133.3 699.6 9.2 21.9 35 1.8 0.0 1.0 171 8 6 aug sun 91.4 142.4 601.4 10.6 20.1 39 5.4 0.0 1.0 173 4 4 sep mon 90.2 96.9	164	8	5	sep	sun	89.7	90.0	704.4	4.8	17.8	67	2.2	0.0	1.0
167 6 5 aug wed 96.0 127.1 570.5 16.5 23.4 33 4.5 0.0 1.0 168 6 5 mar fri 91.2 48.3 97.8 12.5 14.6 26 9.4 0.0 1.0 169 8 6 aug thu 95.2 131.7 578.8 10.4 20.7 45 2.2 0.0 1.0 170 5 4 sep wed 92.9 133.3 699.6 9.2 21.9 35 1.8 0.0 1.0 171 8 6 aug wed 85.6 90.4 609.6 6.6 17.4 50 4.0 0.0 1.0 172 7 4 aug sun 91.4 142.4 601.4 10.6 20.1 39 5.4 0.0 1.0 173 4 4 aug sat 90.2 96.9	165	6	5	mar	thu	84.9	18.2	55.0	3.0	5.3	70	4.5	0.0	1.0
168 6 5 mar fri 91.2 48.3 97.8 12.5 14.6 26 9.4 0.0 1.0 169 8 6 aug thu 95.2 131.7 578.8 10.4 20.7 45 2.2 0.0 1.0 170 5 4 sep wed 92.9 133.3 699.6 9.2 21.9 35 1.8 0.0 1.0 171 8 6 aug wed 85.6 90.4 609.6 6.6 17.4 50 4.0 0.0 1.0 172 7 4 aug sun 91.4 142.4 601.4 10.6 20.1 39 5.4 0.0 1.0 173 4 4 sep mon 90.9 126.5 686.5 7.0 17.7 39 2.2 0.0 1.0 175 1 4 aug sat 90.2 96.9	166	6	5	aug	wed	92.1	111.2	654.1	9.6	16.6	47	0.9	0.0	1.0
169 8 6 aug thu 95.2 131.7 578.8 10.4 20.7 45 2.2 0.0 1.0 170 5 4 sep wed 92.9 133.3 699.6 9.2 21.9 35 1.8 0.0 1.0 171 8 6 aug wed 85.6 90.4 609.6 6.6 17.4 50 4.0 0.0 1.0 172 7 4 aug sun 91.4 142.4 601.4 10.6 20.1 39 5.4 0.0 1.0 173 4 4 sep mon 90.9 126.5 686.5 7.0 17.7 39 2.2 0.0 1.0 174 1 4 aug sat 90.2 96.9 624.2 8.9 14.2 53 1.8 0.0 1.0 175 1 4 aug sat 90.2 99.6	167	6	5	aug	wed	96.0	127.1	570.5	16.5	23.4	33	4.5	0.0	1.0
170 5 4 sep wed 92.9 133.3 699.6 9.2 21.9 35 1.8 0.0 1.0 171 8 6 aug wed 85.6 90.4 609.6 6.6 17.4 50 4.0 0.0 1.0 172 7 4 aug sun 91.4 142.4 601.4 10.6 20.1 39 5.4 0.0 1.0 173 4 4 sep mon 90.9 126.5 686.5 7.0 17.7 39 2.2 0.0 1.0 174 1 4 aug sat 90.2 96.9 624.2 8.9 14.2 53 1.8 0.0 1.0 175 1 4 aug sat 90.2 96.9 624.2 8.9 20.3 39 4.9 0.0 1.0 176 6 5 apr thu 81.5 9.1 <	168	6	5	mar	fri	91.2	48.3	97.8	12.5	14.6	26	9.4	0.0	1.0
171 8 6 aug wed 85.6 90.4 609.6 6.6 17.4 50 4.0 0.0 1.0 172 7 4 aug sun 91.4 142.4 601.4 10.6 20.1 39 5.4 0.0 1.0 173 4 4 sep mon 90.9 126.5 686.5 7.0 17.7 39 2.2 0.0 1.0 174 1 4 aug sat 90.2 96.9 624.2 8.9 14.2 53 1.8 0.0 1.0 175 1 4 aug sat 90.2 96.9 624.2 8.9 20.3 39 4.9 0.0 1.0 176 6 5 apr thu 81.5 9.1 55.2 2.7 5.8 54 5.8 0.0 1.0 177 2 5 sep wed 90.1 82.9	169	8	6	aug	thu	95.2	131.7	578.8	10.4	20.7	45	2.2	0.0	1.0
172 7 4 aug sun 91.4 142.4 601.4 10.6 20.1 39 5.4 0.0 1.0 173 4 4 sep mon 90.9 126.5 686.5 7.0 17.7 39 2.2 0.0 1.0 174 1 4 aug sat 90.2 96.9 624.2 8.9 14.2 53 1.8 0.0 1.0 175 1 4 aug sat 90.2 96.9 624.2 8.9 20.3 39 4.9 0.0 1.0 176 6 5 apr thu 81.5 9.1 55.2 2.7 5.8 54 5.8 0.0 1.0 177 2 5 aug sun 90.2 99.6 631.2 6.3 19.2 44 2.7 0.0 1.0 178 2 5 sep wed 90.1 82.9	170	5	4	sep	wed	92.9	133.3	699.6	9.2	21.9	35	1.8	0.0	1.0
173 4 4 sep mon 90.9 126.5 686.5 7.0 17.7 39 2.2 0.0 1.0 174 1 4 aug sat 90.2 96.9 624.2 8.9 14.2 53 1.8 0.0 1.0 175 1 4 aug sat 90.2 96.9 624.2 8.9 20.3 39 4.9 0.0 1.0 176 6 5 apr thu 81.5 9.1 55.2 2.7 5.8 54 5.8 0.0 1.0 177 2 5 aug sun 90.2 99.6 631.2 6.3 19.2 44 2.7 0.0 1.0 178 2 5 sep wed 90.1 82.9 735.7 6.2 18.3 45 2.2 0.0 1.0 179 8 6 aug tue 88.8 147.3 614.5 9.0 14.4 66 5.4	171	8	6	aug	wed	85.6	90.4	609.6	6.6	17.4	50	4.0	0.0	1.0
174 1 4 aug sat 90.2 96.9 624.2 8.9 14.2 53 1.8 0.0 1.0 175 1 4 aug sat 90.2 96.9 624.2 8.9 20.3 39 4.9 0.0 1.0 176 6 5 apr thu 81.5 9.1 55.2 2.7 5.8 54 5.8 0.0 1.0 177 2 5 aug sun 90.2 99.6 631.2 6.3 19.2 44 2.7 0.0 1.0 178 2 5 sep wed 90.1 82.9 735.7 6.2 18.3 45 2.2 0.0 1.0 179 8 6 aug tue 88.8 147.3 614.5 9.0 14.4 66 5.4 0.0 1.0 180 1 3 sep sun 92.4 124.1 680.7 8.5 23.9 32 6.7 0.0 1.0 181 8<	172	7	4	aug	sun	91.4	142.4	601.4	10.6	20.1	39	5.4	0.0	1.0
175 1 4 aug sat 90.2 96.9 624.2 8.9 20.3 39 4.9 0.0 1.0 176 6 5 apr thu 81.5 9.1 55.2 2.7 5.8 54 5.8 0.0 1.0 177 2 5 aug sun 90.2 99.6 631.2 6.3 19.2 44 2.7 0.0 1.0 178 2 5 sep wed 90.1 82.9 735.7 6.2 18.3 45 2.2 0.0 1.0 179 8 6 aug tue 88.8 147.3 614.5 9.0 14.4 66 5.4 0.0 1.0 180 1 3 sep sun 92.4 124.1 680.7 8.5 23.9 32 6.7 0.0 1.0 181 8 6 oct mon 84.9 32.8 6	173	4	4	sep	mon	90.9	126.5	686.5	7.0	17.7	39	2.2	0.0	1.0
176 6 5 apr thu 81.5 9.1 55.2 2.7 5.8 54 5.8 0.0 1.0 177 2 5 aug sun 90.2 99.6 631.2 6.3 19.2 44 2.7 0.0 1.0 178 2 5 sep wed 90.1 82.9 735.7 6.2 18.3 45 2.2 0.0 1.0 179 8 6 aug tue 88.8 147.3 614.5 9.0 14.4 66 5.4 0.0 1.0 180 1 3 sep sun 92.4 124.1 680.7 8.5 23.9 32 6.7 0.0 1.0 181 8 6 oct mon 84.9 32.8 664.2 3.0 19.1 32 4.0 0.0 1.0 182 5 4 feb sun 86.8 15.6 4	174	1	4	aug	sat	90.2	96.9	624.2	8.9	14.2	53	1.8	0.0	1.0
177 2 5 aug sun 90.2 99.6 631.2 6.3 19.2 44 2.7 0.0 1.0 178 2 5 sep wed 90.1 82.9 735.7 6.2 18.3 45 2.2 0.0 1.0 179 8 6 aug tue 88.8 147.3 614.5 9.0 14.4 66 5.4 0.0 1.0 180 1 3 sep sun 92.4 124.1 680.7 8.5 23.9 32 6.7 0.0 1.0 181 8 6 oct mon 84.9 32.8 664.2 3.0 19.1 32 4.0 0.0 1.0 182 5 4 feb sun 86.8 15.6 48.3 3.9 12.4 53 2.2 0.0 1.0 183 7 4 oct mon 91.7 48.5 <td< th=""><th>175</th><th>1</th><th>4</th><th>aug</th><th>sat</th><th>90.2</th><th>96.9</th><th>624.2</th><th>8.9</th><th>20.3</th><th>39</th><th>4.9</th><th>0.0</th><th>1.0</th></td<>	175	1	4	aug	sat	90.2	96.9	624.2	8.9	20.3	39	4.9	0.0	1.0
178 2 5 sep wed 90.1 82.9 735.7 6.2 18.3 45 2.2 0.0 1.0 179 8 6 aug tue 88.8 147.3 614.5 9.0 14.4 66 5.4 0.0 1.0 180 1 3 sep sun 92.4 124.1 680.7 8.5 23.9 32 6.7 0.0 1.0 181 8 6 oct mon 84.9 32.8 664.2 3.0 19.1 32 4.0 0.0 1.0 182 5 4 feb sun 86.8 15.6 48.3 3.9 12.4 53 2.2 0.0 1.0 183 7 4 oct mon 91.7 48.5 696.1 11.1 16.8 45 4.5 0.0 1.0	176	6	5	apr	thu	81.5	9.1	55.2	2.7	5.8	54	5.8	0.0	1.0
179 8 6 aug tue 88.8 147.3 614.5 9.0 14.4 66 5.4 0.0 1.0 180 1 3 sep sun 92.4 124.1 680.7 8.5 23.9 32 6.7 0.0 1.0 181 8 6 oct mon 84.9 32.8 664.2 3.0 19.1 32 4.0 0.0 1.0 182 5 4 feb sun 86.8 15.6 48.3 3.9 12.4 53 2.2 0.0 1.0 183 7 4 oct mon 91.7 48.5 696.1 11.1 16.8 45 4.5 0.0 1.0	177	2	5	aug	sun	90.2	99.6	631.2	6.3	19.2	44	2.7	0.0	1.0
180 1 3 sep sun 92.4 124.1 680.7 8.5 23.9 32 6.7 0.0 1.0 181 8 6 oct mon 84.9 32.8 664.2 3.0 19.1 32 4.0 0.0 1.0 182 5 4 feb sun 86.8 15.6 48.3 3.9 12.4 53 2.2 0.0 1.0 183 7 4 oct mon 91.7 48.5 696.1 11.1 16.8 45 4.5 0.0 1.0	178	2	5	sep	wed	90.1	82.9	735.7	6.2	18.3	45	2.2	0.0	1.0
181 8 6 oct mon 84.9 32.8 664.2 3.0 19.1 32 4.0 0.0 1.0 182 5 4 feb sun 86.8 15.6 48.3 3.9 12.4 53 2.2 0.0 1.0 183 7 4 oct mon 91.7 48.5 696.1 11.1 16.8 45 4.5 0.0 1.0	179	8	6	aug	tue	88.8	147.3	614.5	9.0	14.4	66	5.4	0.0	1.0
182 5 4 feb sun 86.8 15.6 48.3 3.9 12.4 53 2.2 0.0 1.0 183 7 4 oct mon 91.7 48.5 696.1 11.1 16.8 45 4.5 0.0 1.0	180	1	3	sep	sun	92.4	124.1	680.7	8.5	23.9	32	6.7	0.0	1.0
183 7 4 oct mon 91.7 48.5 696.1 11.1 16.8 45 4.5 0.0 1.0	181	8	6	oct	mon	84.9	32.8	664.2	3.0	19.1	32	4.0	0.0	1.0
	182	5	4	feb	sun	86.8	15.6	48.3	3.9	12.4	53	2.2	0.0	1.0
184 8 6 aug fri 93.9 135.7 586.7 15.1 20.8 34 4.9 0.0 1.0	183	7	4	oct	mon	91.7	48.5	696.1	11.1	16.8	45	4.5	0.0	1.0
	184	8	6	aug	fri	93.9	135.7	586.7	15.1	20.8	34	4.9	0.0	1.0

	X	Y	month	day	FFMC	DMC	DC	ISI	temp	RH	wind	rain	output
185	2	5	sep	tue	91.0	129.5	692.6	7.0	17.6	46	3.1	0.0	1.0
186	8	6	mar	sun	89.3	51.3	102.2	9.6	11.5	39	5.8	0.0	1.0
187	1	5	sep	mon	90.9	126.5	686.5	7.0	21.0	42	2.2	0.0	1.0
188	6	4	mar	sat	90.8	41.9	89.4	7.9	13.3	42	0.9	0.0	1.0
189	7	4	mar	sun	90.7	44.0	92.4	5.5	11.5	60	4.0	0.0	1.0
190	6	5	mar	fri	91.2	48.3	97.8	12.5	11.7	33	4.0	0.0	1.0
191	2	5	aug	thu	95.2	131.7	578.8	10.4	24.2	28	2.7	0.0	1.0
192	2	2	aug	tue	94.8	108.3	647.1	17.0	24.6	22	4.5	0.0	1.0
193	4	5	sep	wed	92.9	133.3	699.6	9.2	24.3	25	4.0	0.0	1.0
194	2	2	aug	tue	94.8	108.3	647.1	17.0	24.6	22	4.5	0.0	1.0
195	2	5	aug	fri	93.9	135.7	586.7	15.1	23.5	36	5.4	0.0	1.0
196	6	5	apr	thu	81.5	9.1	55.2	2.7	5.8	54	5.8	0.0	1.0
197	4	5	sep	thu	92.9	137.0	706.4	9.2	21.5	15	0.9	0.0	1.0
198	3	4	sep	tue	91.0	129.5	692.6	7.0	13.9	59	6.3	0.0	1.0
199	2	4	sep	mon	63.5	70.8	665.3	0.8	22.6	38	3.6	0.0	1.0
200	1	5	sep	tue	91.0	129.5	692.6	7.0	21.6	33	2.2	0.0	1.0
201	6	5	mar	sun	90.1	37.6	83.7	7.2	12.4	54	3.6	0.0	1.0
202	7	4	feb	sun	83.9	8.7	32.1	2.1	8.8	68	2.2	0.0	1.0
203	8	6	oct	wed	91.4	37.9	673.8	5.2	20.2	37	2.7	0.0	1.0
204	5	6	mar	sat	90.6	50.1	100.4	7.8	15.1	64	4.0	0.0	1.0
205	4	5	sep	thu	92.9	137.0	706.4	9.2	22.1	34	1.8	0.0	1.0
206	2	2	aug	sat	93.5	139.4	594.2	20.3	22.9	31	7.2	0.0	1.0
207	7	5	sep	tue	91.0	129.5	692.6	7.0	20.7	37	2.2	0.0	1.0
208	6	5	sep	fri	92.4	117.9	668.0	12.2	19.6	33	6.3	0.0	1.0
209	8	3	sep	thu	93.7	80.9	685.2	17.9	23.2	26	4.9	0.0	1.0
210	4	4	oct	sat	90.6	43.7	686.9	6.7	18.4	25	3.1	0.0	1.0
211	7	4	aug	sat	93.5	139.4	594.2	20.3	5.1	96	5.8	0.0	1.0
212	7	4	sep	fri	94.3	85.1	692.3	15.9	20.1	47	4.9	0.0	1.0
213	7	3	mar	mon	87.6	52.2	103.8	5.0	11.0	46	5.8	0.0	1.0
214	4	4	mar	sat	91.7	35.8	80.8	7.8	17.0	27	4.9	0.0	1.0
215	4	4	mar	sat	91.7	35.8	80.8	7.8	17.0	27	4.9	0.0	1.0
216	4	4	sep	sun	92.4	124.1	680.7	8.5	16.9	60	1.3	0.0	1.0
217	1	3	sep	mon	88.6	91.8	709.9	7.1	12.4	73	6.3	0.0	1.0
218	4	5	sep	wed	92.9	133.3	699.6	9.2	19.4	19	1.3	0.0	1.0
219	6	5	mar	mon	90.1	39.7	86.6	6.2	15.2	27	3.1	0.0	1.0
220	8	6	aug	sun	90.2	99.6	631.2	6.3	16.2	59	3.1	0.0	1.0
221	3	4	sep	fri	93.3	141.2	713.9	13.9	18.6	49	3.6	0.0	1.0

	X	Y	month	day	FFMC	DMC	DC	ISI	temp	RH	wind	rain	output
222	4	3	mar	mon	87.6	52.2	103.8	5.0	11.0	46	5.8	0.0	1.0
223	2	2	jul	fri	88.3	150.3	309.9	6.8	13.4	79	3.6	0.0	1.0
224	7	4	sep	wed	90.1	82.9	735.7	6.2	15.4	57	4.5	0.0	1.0
225	4	4	sep	sun	93.5	149.3	728.6	8.1	22.9	39	4.9	0.0	1.0
226	7	5	oct	mon	91.7	48.5	696.1	11.1	16.1	44	4.0	0.0	1.0
227	8	6	aug	sat	92.2	81.8	480.8	11.9	20.1	34	4.5	0.0	1.0
228	4	6	sep	sun	93.5	149.3	728.6	8.1	28.3	26	3.1	0.0	1.0
229	8	6	aug	sat	92.2	81.8	480.8	11.9	16.4	43	4.0	0.0	1.0
230	4	4	sep	wed	92.9	133.3	699.6	9.2	26.4	21	4.5	0.0	1.0
231	1	5	sep	sun	93.5	149.3	728.6	8.1	27.8	27	3.1	0.0	1.0
232	6	4	sep	tue	91.0	129.5	692.6	7.0	18.7	43	2.7	0.0	1.0
233	9	4	sep	tue	84.4	73.4	671.9	3.2	24.3	36	3.1	0.0	1.0
234	4	5	sep	sat	92.5	121.1	674.4	8.6	17.7	25	3.1	0.0	1.0
235	8	6	aug	sun	91.4	142.4	601.4	10.6	19.6	41	5.8	0.0	1.0
236	2	2	sep	sat	92.5	121.1	674.4	8.6	18.2	46	1.8	0.0	1.0
237	1	2	sep	tue	91.0	129.5	692.6	7.0	18.8	40	2.2	0.0	1.0
238	6	5	sep	sat	92.5	121.1	674.4	8.6	25.1	27	4.0	0.0	1.0
239	7	5	apr	sun	81.9	3.0	7.9	3.5	13.4	75	1.8	0.0	0.0
240	6	3	apr	wed	88.0	17.2	43.5	3.8	15.2	51	2.7	0.0	0.0
241	4	4	apr	fri	83.0	23.3	85.3	2.3	16.7	20	3.1	0.0	0.0
242	2	4	aug	sun	94.2	122.3	589.9	12.9	15.4	66	4.0	0.0	1.0
243	7	4	aug	sun	91.8	175.1	700.7	13.8	21.9	73	7.6	1.0	0.0
244	2	4	aug	sun	91.8	175.1	700.7	13.8	22.4	54	7.6	0.0	1.0
245	3	4	aug	sun	91.8	175.1	700.7	13.8	26.8	38	6.3	0.0	1.0
246	5	4	aug	sun	91.8	175.1	700.7	13.8	25.7	39	5.4	0.0	1.0
247	2	4	aug	wed	92.2	91.6	503.6	9.6	20.7	70	2.2	0.0	1.0
248	8	6	aug	wed	93.1	157.3	666.7	13.5	28.7	28	2.7	0.0	0.0
249	3	4	aug	wed	93.1	157.3	666.7	13.5	21.7	40	0.4	0.0	1.0
250	8	5	aug	wed	93.1	157.3	666.7	13.5	26.8	25	3.1	0.0	1.0
251	8	5	aug	wed	93.1	157.3	666.7	13.5	24.0	36	3.1	0.0	1.0
252	6	5	aug	wed	93.1	157.3	666.7	13.5	22.1	37	3.6	0.0	1.0
253	7	4	aug	thu	91.9	109.2	565.5	8.0	21.4	38	2.7	0.0	1.0
254	6	3	aug	thu	91.6	138.1	621.7	6.3	18.9	41	3.1	0.0	1.0
255	2	5	aug	thu	87.5	77.0	694.8	5.0	22.3	46	4.0	0.0	0.0
256	8	6	aug	sat	94.2	117.2	581.1	11.0	23.9	41	2.2	0.0	1.0
257	4	3	aug	sat	94.2	117.2	581.1	11.0	21.4	44	2.7	0.0	1.0
258	3	4	aug	sat	91.8	170.9	692.3	13.7	20.6	59	0.9	0.0	0.0

	X	Y	month	day	FFMC	DMC	DC	ISI	temp	RH	wind	rain	output
259	7	4	aug	sat	91.8	170.9	692.3	13.7	23.7	40	1.8	0.0	1.0
260	2	4	aug	mon	93.6	97.9	542.0	14.4	28.3	32	4.0	0.0	1.0
261	3	4	aug	fri	91.6	112.4	573.0	8.9	11.2	84	7.6	0.0	1.0
262	2	4	aug	fri	91.6	112.4	573.0	8.9	21.4	42	3.1	0.0	1.0
263	6	3	aug	fri	91.1	141.1	629.1	7.1	19.3	39	3.6	0.0	1.0
264	4	4	aug	fri	94.3	167.6	684.4	13.0	21.8	53	3.1	0.0	1.0
265	4	4	aug	tue	93.7	102.2	550.3	14.6	22.1	54	7.6	0.0	1.0
266	6	5	aug	tue	94.3	131.7	607.1	22.7	19.4	55	4.0	0.0	1.0
267	2	2	aug	tue	92.1	152.6	658.2	14.3	23.7	24	3.1	0.0	0.0
268	3	4	aug	tue	92.1	152.6	658.2	14.3	21.0	32	3.1	0.0	0.0
269	4	4	aug	tue	92.1	152.6	658.2	14.3	19.1	53	2.7	0.0	1.0
270	2	2	aug	tue	92.1	152.6	658.2	14.3	21.8	56	3.1	0.0	1.0
271	8	6	aug	tue	92.1	152.6	658.2	14.3	20.1	58	4.5	0.0	1.0
272	2	5	aug	tue	92.1	152.6	658.2	14.3	20.2	47	4.0	0.0	1.0
273	4	6	dec	sun	84.4	27.2	353.5	6.8	4.8	57	8.5	0.0	1.0
274	8	6	dec	wed	84.0	27.8	354.6	5.3	5.1	61	8.0	0.0	1.0
275	4	6	dec	thu	84.6	26.4	352.0	2.0	5.1	61	4.9	0.0	1.0
276	4	4	dec	mon	85.4	25.4	349.7	2.6	4.6	21	8.5	0.0	1.0
277	3	4	dec	mon	85.4	25.4	349.7	2.6	4.6	21	8.5	0.0	1.0
278	4	4	dec	mon	85.4	25.4	349.7	2.6	4.6	21	8.5	0.0	1.0
279	4	4	dec	mon	85.4	25.4	349.7	2.6	4.6	21	8.5	0.0	1.0
280	4	6	dec	fri	84.7	26.7	352.6	4.1	2.2	59	4.9	0.0	1.0
281	6	5	dec	tue	85.4	25.4	349.7	2.6	5.1	24	8.5	0.0	1.0
282	6	3	feb	sun	84.9	27.5	353.5	3.4	4.2	51	4.0	0.0	0.0
283	3	4	feb	wed	86.9	6.6	18.7	3.2	8.8	35	3.1	0.0	1.0
284	5	4	feb	fri	85.2	4.9	15.8	6.3	7.5	46	8.0	0.0	1.0
285	2	5	jul	sun	93.9	169.7	411.8	12.3	23.4	40	6.3	0.0	0.0
286	7	6	jul	wed	91.2	183.1	437.7	12.5	12.6	90	7.6	0.2	0.0
287	7	4	jul	sat	91.6	104.2	474.9	9.0	22.1	49	2.7	0.0	0.0
288	7	4	jul	sat	91.6	104.2	474.9	9.0	24.2	32	1.8	0.0	0.0
289	7	4	jul	sat	91.6	104.2	474.9	9.0	24.3	30	1.8	0.0	0.0
290	2	5	jul	sat	91.6	104.2	474.9	9.0	18.7	53	1.8	0.0	0.0
291	9	4	jul	sat	91.6	104.2	474.9	9.0	25.3	39	0.9	0.0	1.0
292	4	5	jul	fri	91.6	100.2	466.3	6.3	22.9	40	1.3	0.0	1.0
293	7	6	jul	tue	93.1	180.4	430.8	11.0	26.9	28	5.4	0.0	1.0
294	8	6	jul	tue	92.3	88.8	440.9	8.5	17.1	67	3.6	0.0	1.0
295	7	5	jun	sun	93.1	180.4	430.8	11.0	22.2	48	1.3	0.0	0.0

	X	Y	month	day	FFMC	DMC	DC	ISI	temp	RH	wind	rain	output
296	6	4	jun	sun	90.4	89.5	290.8	6.4	14.3	46	1.8	0.0	1.0
297	8	6	jun	sun	90.4	89.5	290.8	6.4	15.4	45	2.2	0.0	0.0
298	8	6	jun	wed	91.2	147.8	377.2	12.7	19.6	43	4.9	0.0	0.0
299	6	5	jun	sat	53.4	71.0	233.8	0.4	10.6	90	2.7	0.0	0.0
300	6	5	jun	mon	90.4	93.3	298.1	7.5	20.7	25	4.9	0.0	0.0
301	6	5	jun	mon	90.4	93.3	298.1	7.5	19.1	39	5.4	0.0	1.0
302	3	6	jun	fri	91.1	94.1	232.1	7.1	19.2	38	4.5	0.0	0.0
303	3	6	jun	fri	91.1	94.1	232.1	7.1	19.2	38	4.5	0.0	0.0
304	6	5	may	sat	85.1	28.0	113.8	3.5	11.3	94	4.9	0.0	0.0
305	1	4	sep	sun	89.6	84.1	714.3	5.7	19.0	52	2.2	0.0	0.0
306	7	4	sep	sun	89.6	84.1	714.3	5.7	17.1	53	5.4	0.0	1.0
307	3	4	sep	sun	89.6	84.1	714.3	5.7	23.8	35	3.6	0.0	1.0
308	2	4	sep	sun	92.4	105.8	758.1	9.9	16.0	45	1.8	0.0	0.0
309	2	4	sep	sun	92.4	105.8	758.1	9.9	24.9	27	2.2	0.0	0.0
310	7	4	sep	sun	92.4	105.8	758.1	9.9	25.3	27	2.7	0.0	0.0
311	6	3	sep	sun	92.4	105.8	758.1	9.9	24.8	28	1.8	0.0	1.0
312	2	4	sep	sun	50.4	46.2	706.6	0.4	12.2	78	6.3	0.0	0.0
313	6	5	sep	wed	92.6	115.4	777.1	8.8	24.3	27	4.9	0.0	0.0
314	4	4	sep	wed	92.6	115.4	777.1	8.8	19.7	41	1.8	0.0	1.0
315	3	4	sep	wed	91.2	134.7	817.5	7.2	18.5	30	2.7	0.0	0.0
316	4	5	sep	thu	92.4	96.2	739.4	8.6	18.6	24	5.8	0.0	0.0
317	4	4	sep	thu	92.4	96.2	739.4	8.6	19.2	24	4.9	0.0	1.0
318	6	5	sep	thu	92.8	119.0	783.5	7.5	21.6	27	2.2	0.0	0.0
319	5	4	sep	thu	92.8	119.0	783.5	7.5	21.6	28	6.3	0.0	1.0
320	6	3	sep	thu	92.8	119.0	783.5	7.5	18.9	34	7.2	0.0	1.0
321	1	4	sep	thu	92.8	119.0	783.5	7.5	16.8	28	4.0	0.0	1.0
322	6	5	sep	thu	92.8	119.0	783.5	7.5	16.8	28	4.0	0.0	1.0
323	3	5	sep	thu	90.7	136.9	822.8	6.8	12.9	39	2.7	0.0	1.0
324	6	5	sep	thu	88.1	53.3	726.9	5.4	13.7	56	1.8	0.0	1.0
325	1	4	sep	sat	92.2	102.3	751.5	8.4	24.2	27	3.1	0.0	0.0
326	5	4	sep	sat	92.2	102.3	751.5	8.4	24.1	27	3.1	0.0	0.0
327	6	5	sep	sat	92.2	102.3	751.5	8.4	21.2	32	2.2	0.0	0.0
328	6	5	sep	sat	92.2	102.3	751.5	8.4	19.7	35	1.8	0.0	0.0
329	4	3	sep	sat	92.2	102.3	751.5	8.4	23.5	27	4.0	0.0	1.0
330	3	3	sep	sat	92.2	102.3	751.5	8.4	24.2	27	3.1	0.0	1.0
331 332	7	4	sep	sat	91.2 91.2	124.4 124.4	795.3 795.3	8.5 8.5	21.5 17.1	28 41	4.5 2.2	0.0	1.0
552	4	4	sep	sat	91.2	124.4	135.3	0.5	17.1	41	2.2	0.0	1.0

333 334 335	1	4											
	2		sep	mon	92.1	87.7	721.1	9.5	18.1	54	3.1	0.0	1.0
225	2	3	sep	mon	91.6	108.4	764.0	6.2	18.0	51	5.4	0.0	0.0
333	4	3	sep	mon	91.6	108.4	764.0	6.2	9.8	86	1.8	0.0	0.0
336	7	4	sep	mon	91.6	108.4	764.0	6.2	19.3	44	2.2	0.0	0.0
337	6	3	sep	mon	91.6	108.4	764.0	6.2	23.0	34	2.2	0.0	1.0
338	8	6	sep	mon	91.6	108.4	764.0	6.2	22.7	35	2.2	0.0	1.0
339	2	4	sep	mon	91.6	108.4	764.0	6.2	20.4	41	1.8	0.0	1.0
340	2	5	sep	mon	91.6	108.4	764.0	6.2	19.3	44	2.2	0.0	1.0
341	8	6	sep	mon	91.9	111.7	770.3	6.5	15.7	51	2.2	0.0	0.0
342	6	3	sep	mon	91.5	130.1	807.1	7.5	20.6	37	1.8	0.0	0.0
343	8	6	sep	mon	91.5	130.1	807.1	7.5	15.9	51	4.5	0.0	1.0
344	6	3	sep	mon	91.5	130.1	807.1	7.5	12.2	66	4.9	0.0	1.0
345	2	2	sep	mon	91.5	130.1	807.1	7.5	16.8	43	3.1	0.0	1.0
346	1	4	sep	mon	91.5	130.1	807.1	7.5	21.3	35	2.2	0.0	1.0
347	5	4	sep	fri	92.1	99.0	745.3	9.6	10.1	75	3.6	0.0	0.0
348	3	4	sep	fri	92.1	99.0	745.3	9.6	17.4	57	4.5	0.0	0.0
349	5	4	sep	fri	92.1	99.0	745.3	9.6	12.8	64	3.6	0.0	1.0
350	5	4	sep	fri	92.1	99.0	745.3	9.6	10.1	75	3.6	0.0	1.0
351	4	4	sep	fri	92.1	99.0	745.3	9.6	15.4	53	6.3	0.0	1.0
352	7	4	sep	fri	92.1	99.0	745.3	9.6	20.6	43	3.6	0.0	1.0
353	7	4	sep	fri	92.1	99.0	745.3	9.6	19.8	47	2.7	0.0	1.0
354	7	4	sep	fri	92.1	99.0	745.3	9.6	18.7	50	2.2	0.0	1.0
355	4	4	sep	fri	92.1	99.0	745.3	9.6	20.8	35	4.9	0.0	1.0
356	4	4	sep	fri	92.1	99.0	745.3	9.6	20.8	35	4.9	0.0	1.0
357	6	3	sep	fri	92.5	122.0	789.7	10.2	15.9	55	3.6	0.0	0.0
358	6	3	sep	fri	92.5	122.0	789.7	10.2	19.7	39	2.7	0.0	0.0
359	1	4	sep	fri	92.5	122.0	789.7	10.2	21.1	39	2.2	0.0	1.0
360	6	5	sep	fri	92.5	122.0	789.7	10.2	18.4	42	2.2	0.0	1.0
361	4	3	sep	fri	92.5	122.0	789.7	10.2	17.3	45	4.0	0.0	1.0
362	7	4	sep	fri	88.2	55.2	732.3	11.6	15.2	64	3.1	0.0	1.0
363	4	3	sep	tue	91.9	111.7	770.3	6.5	15.9	53	2.2	0.0	1.0
364	6	5	sep	tue	91.9	111.7	770.3	6.5	21.1	35	2.7	0.0	1.0
365	6	5	sep	tue	91.9	111.7	770.3	6.5	19.6	45	3.1	0.0	1.0
366	4	5	sep	tue	91.1	132.3	812.1	12.5	15.9	38	5.4	0.0	1.0
367	4	5	sep	tue	91.1	132.3	812.1	12.5	16.4	27	3.6	0.0	0.0
368	6	5	sep	sat	91.2	94.3	744.4	8.4	16.8	47	4.9	0.0	1.0
369	4	5	sep	sun	91.0	276.3	825.1	7.1	13.8	77	7.6	0.0	0.0

	X	Y	month	day	FFMC	DMC	DC	ISI	temp	RH w	wich dra	i r ai q u	t p utput
370	7	4	sep	sun	91.0	276.3	825.1	7.1	13.8	77	7.6	0.0	1.0
371	3	4	jul	wed	91.9	133.6	520.5	8.0	14.2	58	4.0	0.0	0.0
372	4	5	aug	sun	92.0	203.2	664.5	8.1	10.4	75	0.9	0.0	0.0
373	5	4	aug	thu	94.8	222.4	698.6	13.9	20.3	42	2.7	0.0	0.0
374	6	5	sep	fri	90.3	290.0	855.3	7.4	10.3	78	4.0	0.0	1.0
375	6	5	sep	sat	91.2	94.3	744.4	8.4	15.4	57	4.9	0.0	1.0
376	8	6	aug	mon	92.1	207.0	672.6	8.2	21.1	54	2.2	0.0	0.0
377	2	2	aug	sat	93.7	231.1	715.1	8.4	21.9	42	2.2	0.0	1.0
378	6	5	mar	thu	90.9	18.9	30.6	8.0	8.7	51	5.8	0.0	0.0
379	4	5	jan	sun	18.7	1.1	171.4	0.0	5.2	100	0.9	0.0	0.0
380	5	4	jul	wed	93.7	101.3	458.8	11.9	19.3	39	7.2	0.0	1.0
381	8	6	aug	thu	90.7	194.1	643.0	6.8	16.2	63	2.7	0.0	1.0
382	8	6	aug	wed	95.2	217.7	690.0	18.0	28.2	29	1.8	0.0	1.0
383	9	6	aug	thu	91.6	248.4	753.8	6.3	20.5	58	2.7	0.0	1.0
384	8	4	aug	sat	91.6	273.8	819.1	7.7	21.3	44	4.5	0.0	1.0
385	2	4	aug	sun	91.6	181.3	613.0	7.6	20.9	50	2.2	0.0	1.0
386	3	4	sep	sun	90.5	96.7	750.5	11.4	20.6	55	5.4	0.0	1.0
387	5	5	mar	thu	90.9	18.9	30.6	8.0	11.6	48	5.4	0.0	0.0
388	6	4	aug	fri	94.8	227.0	706.7	12.0	23.3	34	3.1	0.0	1.0
389	7	4	aug	fri	94.8	227.0	706.7	12.0	23.3	34	3.1	0.0	0.0
390	7	4	feb	mon	84.7	9.5	58.3	4.1	7.5	71	6.3	0.0	1.0
391	8	6	sep	fri	91.1	91.3	738.1	7.2	20.7	46	2.7	0.0	1.0
392	1	3	sep	sun	91.0	276.3	825.1	7.1	21.9	43	4.0	0.0	1.0
393	2	4	mar	tue	93.4	15.0	25.6	11.4	15.2	19	7.6	0.0	0.0
394	6	5	feb	mon	84.1	4.6	46.7	2.2	5.3	68	1.8	0.0	0.0
395	4	5	feb	sun	85.0	9.0	56.9	3.5	10.1	62	1.8	0.0	1.0
396	4	3	sep	sun	90.5	96.7	750.5	11.4	20.4	55	4.9	0.0	1.0
397	5	6	aug	sun	91.6	181.3	613.0	7.6	24.3	33	3.6	0.0	1.0
398	1	2	aug	sat	93.7	231.1	715.1	8.4	25.9	32	3.1	0.0	0.0
399	9	5	jun	wed	93.3	49.5	297.7	14.0	28.0	34	4.5	0.0	0.0
400	9	5	jun	wed	93.3	49.5	297.7	14.0	28.0	34	4.5	0.0	1.0
401	3	4	sep	thu	91.1	88.2	731.7	8.3	22.8	46	4.0	0.0	1.0
402	9	9	aug	fri	94.8	227.0	706.7	12.0	25.0	36	4.0	0.0	0.0
403	8	6	aug	thu	90.7	194.1	643.0	6.8	21.3	41	3.6	0.0	0.0
404	2	4	sep	wed	87.9	84.8	725.1	3.7	21.8	34	2.2	0.0	1.0
405	2	2	aug	tue	94.6	212.1	680.9	9.5	27.9	27	2.2	0.0	0.0
406	6	5	sep	sat	87.1	291.3	860.6	4.0	17.0	67	4.9	0.0	1.0

407	4	5	feb	sat	84.7	8.2	55.0	2.9	14.2	46	4.0	0.0	0.0
408	4	3	sep	fri	90.3	290.0	855.3	7.4	19.9	44	3.1	0.0	1.0
409	1	4	jul	tue	92.3	96.2	450.2	12.1	23.4	31	5.4	0.0	0.0
410	6	3	feb	fri	84.1	7.3	52.8	2.7	14.7	42	2.7	0.0	0.0
411	7	4	feb	fri	84.6	3.2	43.6	3.3	8.2	53	9.4	0.0	1.0
412	9	4	jul	mon	92.3	92.1	442.1	9.8	22.8	27	4.5	0.0	1.0
413	7	5	aug	sat	93.7	231.1	715.1	8.4	26.4	33	3.6	0.0	0.0
414	5	4	aug	sun	93.6	235.1	723.1	10.1	24.1	50	4.0	0.0	0.0
415	8	6	aug	thu	94.8	222.4	698.6	13.9	27.5	27	4.9	0.0	1.0
416	6	3	jul	tue	92.7	164.1	575.8	8.9	26.3	39	3.1	0.0	1.0
417	6	5	mar	wed	93.4	17.3	28.3	9.9	13.8	24	5.8	0.0	0.0
418	2	4	aug	sun	92.0	203.2	664.5	8.1	24.9	42	5.4	0.0	1.0
419	2	5	aug	sun	91.6	181.3	613.0	7.6	24.8	36	4.0	0.0	1.0
420	8	8	aug	wed	91.7	191.4	635.9	7.8	26.2	36	4.5	0.0	1.0
421	2	4	aug	wed	95.2	217.7	690.0	18.0	30.8	19	4.5	0.0	0.0
422	8	6	jul	sun	88.9	263.1	795.9	5.2	29.3	27	3.6	0.0	1.0
423	1	3	sep	sat	91.2	94.3	744.4	8.4	22.3	48	4.0	0.0	1.0
424	8	6	aug	sat	93.7	231.1	715.1	8.4	26.9	31	3.6	0.0	1.0
425	2	2	aug	thu	91.6	248.4	753.8	6.3	20.4	56	2.2	0.0	0.0
426	8	6	aug	thu	91.6	248.4	753.8	6.3	20.4	56	2.2	0.0	0.0
427	2	4	aug	mon	92.1	207.0	672.6	8.2	27.9	33	2.2	0.0	1.0
428	1	3	aug	thu	94.8	222.4	698.6	13.9	26.2	34	5.8	0.0	0.0
429	3	4	aug	sun	91.6	181.3	613.0	7.6	24.6	44	4.0	0.0	1.0
430	7	4	sep	thu	89.7	287.2	849.3	6.8	19.4	45	3.6	0.0	0.0
431	1	3	aug	sat	92.1	178.0	605.3	9.6	23.3	40	4.0	0.0	1.0
432	8	6	aug	thu	94.8	222.4	698.6	13.9	23.9	38	6.7	0.0	0.0
433	2	4	aug	sun	93.6	235.1	723.1	10.1	20.9	66	4.9	0.0	1.0
434	1	4	aug	fri	90.6	269.8	811.2	5.5	22.2	45	3.6	0.0	0.0
435	2	5	jul	sat	90.8	84.7	376.6	5.6	23.8	51	1.8	0.0	0.0
436	8	6	aug	mon	92.1	207.0	672.6	8.2	26.8	35	1.3	0.0	1.0
437	8	6	aug	sat	89.4	253.6	768.4	9.7	14.2	73	2.7	0.0	0.0
438	2	5	aug	sat	93.7	231.1	715.1	8.4	23.6	53	4.0	0.0	1.0
439	1	3	sep	fri	91.1	91.3	738.1	7.2	19.1	46	2.2	0.0	1.0
440	5	4	sep	fri	90.3	290.0	855.3	7.4	16.2	58	3.6	0.0	0.0
441	8	6	aug	mon	92.1	207.0	672.6	8.2	25.5	29	1.8	0.0	1.0
442	6	5	apr	mon	87.9	24.9	41.6	3.7	10.9	64	3.1	0.0	1.0
443	1	2	jul	fri	90.7	80.9	368.3	16.8	14.8	78	8.0	0.0	0.0

	X	Y	month	day	FFMC	DMC	DC	ISI	temp	RH w	/ ivrich dra	i r ai q u	t p utput
444	2	5	sep	fri	90.3	290.0	855.3	7.4	16.2	58	3.6	0.0	1.0
445	5	5	aug	sun	94.0	47.9	100.7	10.7	17.3	80	4.5	0.0	0.0
446	6	5	aug	sun	92.0	203.2	664.5	8.1	19.1	70	2.2	0.0	0.0
447	3	4	mar	wed	93.4	17.3	28.3	9.9	8.9	35	8.0	0.0	0.0
448	7	4	sep	wed	89.7	284.9	844.0	10.1	10.5	77	4.0	0.0	0.0
449	7	4	aug	sun	91.6	181.3	613.0	7.6	19.3	61	4.9	0.0	0.0
450	4	5	aug	wed	95.2	217.7	690.0	18.0	23.4	49	5.4	0.0	1.0
451	1	4	aug	fri	90.5	196.8	649.9	16.3	11.8	88	4.9	0.0	1.0
452	7	4	aug	mon	91.5	238.2	730.6	7.5	17.7	65	4.0	0.0	0.0
453	4	5	aug	thu	89.4	266.2	803.3	5.6	17.4	54	3.1	0.0	0.0
454	3	4	aug	thu	91.6	248.4	753.8	6.3	16.8	56	3.1	0.0	0.0
455	3	4	jul	mon	94.6	160.0	567.2	16.7	17.9	48	2.7	0.0	0.0
456	2	4	aug	thu	91.6	248.4	753.8	6.3	16.6	59	2.7	0.0	0.0
457	1	4	aug	wed	91.7	191.4	635.9	7.8	19.9	50	4.0	0.0	1.0
458	8	6	aug	sat	93.7	231.1	715.1	8.4	18.9	64	4.9	0.0	1.0
459	7	4	aug	sat	91.6	273.8	819.1	7.7	15.5	72	8.0	0.0	1.0
460	2	5	aug	sat	93.7	231.1	715.1	8.4	18.9	64	4.9	0.0	0.0
461	8	6	aug	sat	93.7	231.1	715.1	8.4	18.9	64	4.9	0.0	0.0
462	1	4	sep	sun	91.0	276.3	825.1	7.1	14.5	76	7.6	0.0	1.0
463	6	5	feb	tue	75.1	4.4	16.2	1.9	4.6	82	6.3	0.0	1.0
464	6	4	feb	tue	75.1	4.4	16.2	1.9	5.1	77	5.4	0.0	1.0
465	2	2	feb	sat	79.5	3.6	15.3	1.8	4.6	59	0.9	0.0	1.0
466	6	5	mar	mon	87.2	15.1	36.9	7.1	10.2	45	5.8	0.0	1.0
467	3	4	mar	wed	90.2	18.5	41.1	7.3	11.2	41	5.4	0.0	1.0
468	6	5	mar	thu	91.3	20.6	43.5	8.5	13.3	27	3.6	0.0	1.0
469	6	3	apr	sun	91.0	14.6	25.6	12.3	13.7	33	9.4	0.0	1.0
470	5	4	apr	sun	91.0	14.6	25.6	12.3	17.6	27	5.8	0.0	0.0
471	4	3	may	fri	89.6	25.4	73.7	5.7	18.0	40	4.0	0.0	1.0
472	8	3	jun	mon	88.2	96.2	229.0	4.7	14.3	79	4.0	0.0	1.0
473	9	4	jun	sat	90.5	61.1	252.6	9.4	24.5	50	3.1	0.0	1.0
474	4	3	jun	thu	93.0	103.8	316.7	10.8	26.4	35	2.7	0.0	1.0
475	2	5	jun	thu	93.7	121.7	350.2	18.0	22.7	40	9.4	0.0	1.0
476	4	3	jul	thu	93.5	85.3	395.0	9.9	27.2	28	1.3	0.0	1.0
477	4	3	jul	sun	93.7	101.3	423.4	14.7	26.1	45	4.0	0.0	1.0
478	7	4	jul	sun	93.7	101.3	423.4	14.7	18.2	82	4.5	0.0	1.0
479	7	4	jul	mon	89.2	103.9	431.6	6.4	22.6	57	4.9	0.0	1.0
480	9	9	jul	thu	93.2	114.4	560.0	9.5	30.2	25	4.5	0.0	1.0

	X	Y	month	day	FFMC	DMC	DC	ISI	temp	RH	wind	rain	output
481	4	3	jul	thu	93.2	114.4	560.0	9.5	30.2	22	4.9	0.0	0.0
482	3	4	aug	sun	94.9	130.3	587.1	14.1	23.4	40	5.8	0.0	1.0
483	8	6	aug	sun	94.9	130.3	587.1	14.1	31.0	27	5.4	0.0	0.0
484	2	5	aug	sun	94.9	130.3	587.1	14.1	33.1	25	4.0	0.0	1.0
485	2	4	aug	mon	95.0	135.5	596.3	21.3	30.6	28	3.6	0.0	1.0
486	5	4	aug	tue	95.1	141.3	605.8	17.7	24.1	43	6.3	0.0	1.0
487	5	4	aug	tue	95.1	141.3	605.8	17.7	26.4	34	3.6	0.0	1.0
488	4	4	aug	tue	95.1	141.3	605.8	17.7	19.4	71	7.6	0.0	1.0
489	4	4	aug	wed	95.1	141.3	605.8	17.7	20.6	58	1.3	0.0	0.0
490	4	4	aug	wed	95.1	141.3	605.8	17.7	28.7	33	4.0	0.0	0.0
491	4	4	aug	thu	95.8	152.0	624.1	13.8	32.4	21	4.5	0.0	0.0
492	1	3	aug	fri	95.9	158.0	633.6	11.3	32.4	27	2.2	0.0	0.0
493	1	3	aug	fri	95.9	158.0	633.6	11.3	27.5	29	4.5	0.0	1.0
494	6	6	aug	sat	96.0	164.0	643.0	14.0	30.8	30	4.9	0.0	1.0
495	6	6	aug	mon	96.2	175.5	661.8	16.8	23.9	42	2.2	0.0	0.0
496	4	5	aug	mon	96.2	175.5	661.8	16.8	32.6	26	3.1	0.0	1.0
497	3	4	aug	tue	96.1	181.1	671.2	14.3	32.3	27	2.2	0.0	1.0
498	6	5	aug	tue	96.1	181.1	671.2	14.3	33.3	26	2.7	0.0	1.0
499	7	5	aug	tue	96.1	181.1	671.2	14.3	27.3	63	4.9	6.4	1.0
500	8	6	aug	tue	96.1	181.1	671.2	14.3	21.6	65	4.9	0.8	0.0
501	7	5	aug	tue	96.1	181.1	671.2	14.3	21.6	65	4.9	0.8	0.0
502	4	4	aug	tue	96.1	181.1	671.2	14.3	20.7	69	4.9	0.4	0.0
503	2	4	aug	wed	94.5	139.4	689.1	20.0	29.2	30	4.9	0.0	1.0
504	4	3	aug	wed	94.5	139.4	689.1	20.0	28.9	29	4.9	0.0	1.0
505	1	2	aug	thu	91.0	163.2	744.4	10.1	26.7	35	1.8	0.0	1.0
506	1	2	aug	fri	91.0	166.9	752.6	7.1	18.5	73	8.5	0.0	0.0
507	2	4	aug	fri	91.0	166.9	752.6	7.1	25.9	41	3.6	0.0	0.0
508	1	2	aug	fri	91.0	166.9	752.6	7.1	25.9	41	3.6	0.0	0.0
509	5	4	aug	fri	91.0	166.9	752.6	7.1	21.1	71	7.6	1.4	1.0
510	6	5	aug	fri	91.0	166.9	752.6	7.1	18.2	62	5.4	0.0	1.0
511	8	6	aug	sun	81.6	56.7	665.6	1.9	27.8	35	2.7	0.0	0.0
512	4	3	aug	sun	81.6	56.7	665.6	1.9	27.8	32	2.7	0.0	1.0
513	2	4	aug	sun	81.6	56.7	665.6	1.9	21.9	71	5.8	0.0	1.0
514	7	4	aug	sun	81.6	56.7	665.6	1.9	21.2	70	6.7	0.0	1.0
515	1	4	aug	sat	94.4	146.0	614.7	11.3	25.6	42	4.0	0.0	0.0
516	6	3	nov	tue	79.5	3.0	106.7	1.1	11.8	31	4.5	0.0	0.0