

projet MLG

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```
library(dplyr)
```

```
## Warning: package 'dplyr' was built under R version 4.2.3
```

```
##
```

```
## 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(MASS)
```

```
## Warning: package 'MASS' was built under R version 4.2.3
```

```
##
```

```
## Attaching package: 'MASS'
```

```
## The following object is masked from 'package:dplyr':
```

```
##
```

```
##      select
```

```
library(corrplot)
```

```
## Warning: package 'corrplot' was built under R version 4.2.3
```

```
## corrplot 0.92 loaded
```

```
library(ggplot2)
```

```
## Warning: package 'ggplot2' was built under R version 4.2.3
```

```
library(dplyr)
library(performance)
```

```
## Warning: package 'performance' was built under R version 4.2.3
```

```
library(caret)
```

```
## Warning: package 'caret' was built under R version 4.2.3
```

```
## Loading required package: lattice
```

```
#Modèle linéaire généralisé avec toutes les variables :
```

```
rm(list=ls())
setwd("C:/Users/youssef/Desktop/myfolder")

# Charger les données train_data
d <- read.csv("meteo.train.csv")

# Effacer les colonnes "Hour" et "Minutes" qui ne contiennent que des zéros
d <- d[, !(names(d) %in% c("Hour", "Minute"))]

# Validation croisée
set.seed(123)
tr <- sample(c(TRUE, FALSE), nrow(d), replace = TRUE, prob = c(0.8, 0.2))

d_train <- d[tr, ]
dim(d_train)
```

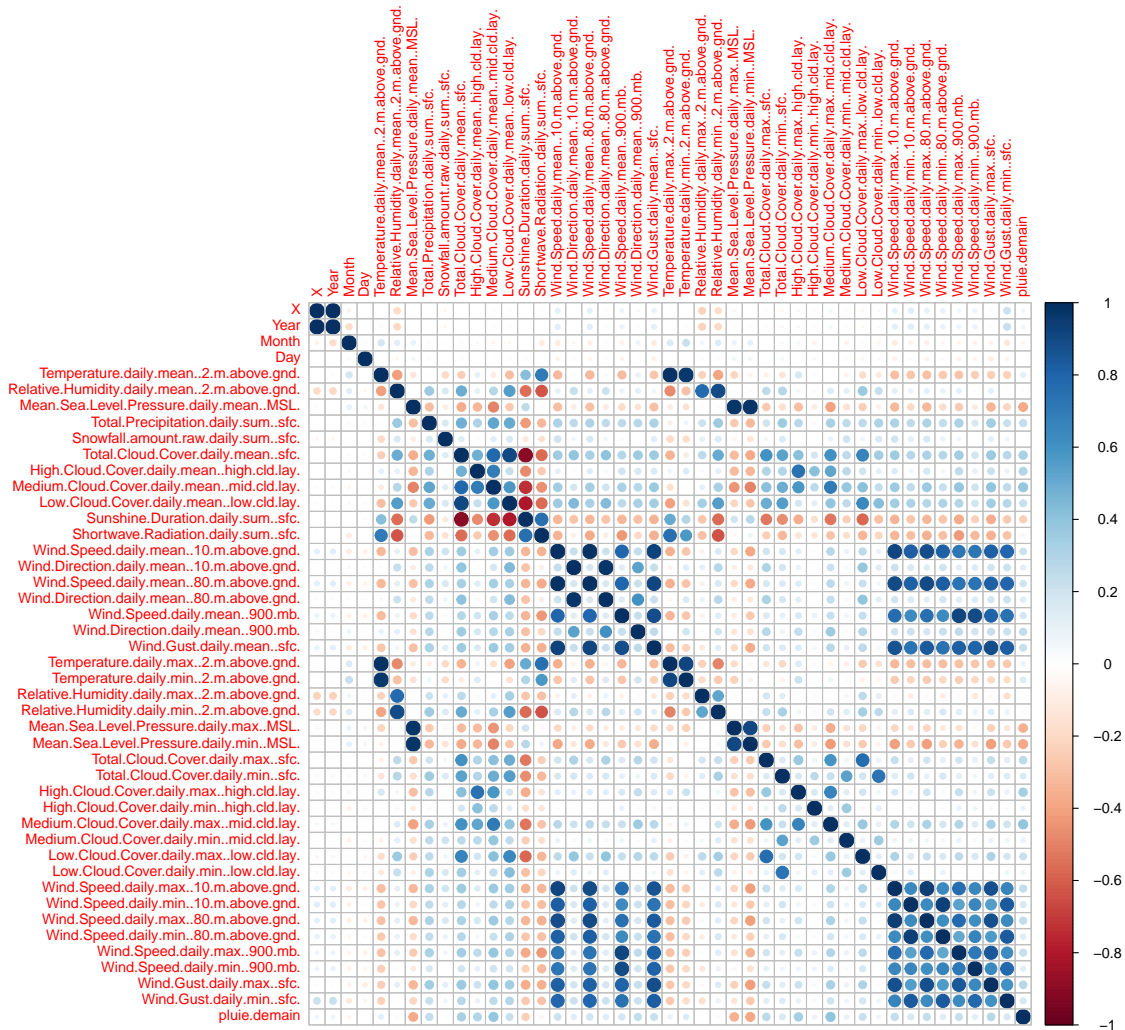
```
## [1] 952 45
```

```
d_test <- d[!tr, ]
dim(d_test)
```

```
## [1] 228 45
```

Puisque l'objectif est de prédire s'il va pleuvoir ou non, le modèle que nous allons adopter est la régression logistique :

Tableau de corrélation



Note that the `echo = FALSE` parameter was added to the code chunk to prevent printing of the R code that generated the plot.

#Le “corr plot” (ou diagramme de corrélation) est la représentation graphique qui nous a permis de visualiser les relations linéaires entre différentes variables. Nous pouvons remarquer des corrélation entre différents groupes de variables, par exemple les corrélation entre les variables qui sont reliées au vent (wind).

#Différents modèles #c’est un travail d’exploration en essayant plusieurs modèles basés sur nos hypothèses. Ces hypothèses trouvent leur origine dans des connaissances que nous avons et qui ne sont pas nécessairement vraies ou scientifiques, comme par exemple la croyance que le facteur le plus important dans les prévisions s’il va pleuvoir est la température et ainsi de suite. Puis le dernier modèle c’est le `full_model` qui va prendre en considération toutes les variables pour nous permettre de construire la première idée sur les variables les plus significatives.

```
model1 <- glm(pluie.demain ~ Temperature.daily.mean..2.m.above.gnd., family = "binomial", data = d_train)
summary(model1)
```

```
##
## Call:
```

```
## glm(formula = pluie.demain ~ Temperature.daily.mean..2.m.above.gnd.,
##      family = "binomial", data = d_train)
##
## Deviance Residuals:
##      Min       1Q   Median       3Q      Max
## -1.4134  -1.1705   0.9738   1.1629   1.4118
##
## Coefficients:
##                                Estimate Std. Error z value Pr(>|z|)
## (Intercept)                -0.36432    0.13049  -2.792 0.005238 **
## Temperature.daily.mean..2.m.above.gnd.  0.03069    0.00931   3.297 0.000978 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for binomial family taken to be 1)
##
##      Null deviance: 1319.7  on 951  degrees of freedom
## Residual deviance: 1308.7  on 950  degrees of freedom
## AIC: 1312.7
##
## Number of Fisher Scoring iterations: 4
```

```
model2 <- glm(pluie.demain ~ Relative.Humidity.daily.mean..2.m.above.gnd., family = "binomial", data = d_train)
summary(model2)
```

```
##
## Call:
## glm(formula = pluie.demain ~ Relative.Humidity.daily.mean..2.m.above.gnd.,
##      family = "binomial", data = d_train)
##
## Deviance Residuals:
##      Min       1Q   Median       3Q      Max
## -1.251  -1.181   1.117   1.171   1.269
##
## Coefficients:
##                                Estimate Std. Error z value Pr(>|z|)
## (Intercept)                -0.471093    0.488104  -0.965 0.334
## Relative.Humidity.daily.mean..2.m.above.gnd.  0.006725    0.006785   0.991 0.322
##
## (Dispersion parameter for binomial family taken to be 1)
##
##      Null deviance: 1319.7  on 951  degrees of freedom
## Residual deviance: 1318.8  on 950  degrees of freedom
## AIC: 1322.8
##
## Number of Fisher Scoring iterations: 3
```

```
model3 <- glm(pluie.demain ~ Mean.Sea.Level.Pressure.daily.mean..MSL., family = "binomial",
              data = d_train)
summary(model3)
```

```
##
## Call:
## glm(formula = pluie.demain ~ Mean.Sea.Level.Pressure.daily.mean..MSL.,
##      family = "binomial", data = d_train)
##
## Deviance Residuals:
##      Min       1Q   Median       3Q      Max
## -2.1726  -1.0554   0.3473   1.0356   2.2296
##
## Coefficients:
##                                Estimate Std. Error z value Pr(>|z|)
## (Intercept)                   118.67565    10.96308   10.82  <2e-16
## Mean.Sea.Level.Pressure.daily.mean..MSL.  -0.11667     0.01078  -10.82  <2e-16
##
## (Intercept)                  ***
## Mean.Sea.Level.Pressure.daily.mean..MSL. ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for binomial family taken to be 1)
##
##      Null deviance: 1319.7  on 951  degrees of freedom
## Residual deviance: 1168.9  on 950  degrees of freedom
## AIC: 1172.9
##
## Number of Fisher Scoring iterations: 3
```

Modèle prenant en considération toutes les variables:

```
full_model = glm(pluie.demain ~ ., family = "binomial", data = d_train)
summary(full_model)
```

```
##
## Call:
## glm(formula = pluie.demain ~ ., family = "binomial", data = d_train)
##
## Deviance Residuals:
##      Min       1Q   Median       3Q      Max
## -2.6415  -0.8303   0.1387   0.8425   2.8897
##
## Coefficients:
##                                Estimate Std. Error z value
## (Intercept)                   2.365e+04  1.029e+05   0.230
## X                             3.230e-02  1.402e-01   0.230
## Year                       -1.173e+01  5.120e+01  -0.229
## Month                      -1.025e+00  4.266e+00  -0.240
## Day                        -1.433e-02  1.402e-01  -0.102
## Temperature.daily.mean..2.m.above.gnd.  1.772e-01  1.866e-01   0.949
## Relative.Humidity.daily.mean..2.m.above.gnd.  8.863e-03  3.647e-02   0.243
## Mean.Sea.Level.Pressure.daily.mean..MSL.  4.932e-01  1.569e-01   3.143
## Total.Precipitation.daily.sum..sfc.      4.122e-02  3.248e-02   1.269
## Snowfall.amount.raw.daily.sum..sfc.     -2.807e-01  3.079e-01  -0.912
## Total.Cloud.Cover.daily.mean..sfc.       1.420e-02  1.367e-02   1.038
## High.Cloud.Cover.daily.mean..high.cld.lay. -9.267e-03  7.752e-03  -1.195
```

## Medium.Cloud.Cover.daily.mean..mid.cld.lay.	8.831e-03	7.565e-03	1.167
## Low.Cloud.Cover.daily.mean..low.cld.lay.	-6.162e-03	9.341e-03	-0.660
## Sunshine.Duration.daily.sum..sfc.	7.092e-04	9.936e-04	0.714
## Shortwave.Radiation.daily.sum..sfc.	2.282e-05	1.127e-04	0.202
## Wind.Speed.daily.mean..10.m.above.gnd.	-2.348e-02	1.072e-01	-0.219
## Wind.Direction.daily.mean..10.m.above.gnd.	1.462e-03	6.528e-03	0.224
## Wind.Speed.daily.mean..80.m.above.gnd.	-9.603e-02	7.690e-02	-1.249
## Wind.Direction.daily.mean..80.m.above.gnd.	-3.093e-03	6.741e-03	-0.459
## Wind.Speed.daily.mean..900.mb.	1.214e-02	2.890e-02	0.420
## Wind.Direction.daily.mean..900.mb.	4.133e-03	1.611e-03	2.565
## Wind.Gust.daily.mean..sfc.	8.562e-03	4.147e-02	0.206
## Temperature.daily.max..2.m.above.gnd.	1.913e-02	1.098e-01	0.174
## Temperature.daily.min..2.m.above.gnd.	-1.651e-01	9.738e-02	-1.695
## Relative.Humidity.daily.max..2.m.above.gnd.	1.356e-03	2.299e-02	0.059
## Relative.Humidity.daily.min..2.m.above.gnd.	2.644e-03	2.113e-02	0.125
## Mean.Sea.Level.Pressure.daily.max..MSL.	-2.507e-01	8.440e-02	-2.970
## Mean.Sea.Level.Pressure.daily.min..MSL.	-3.132e-01	8.474e-02	-3.696
## Total.Cloud.Cover.daily.max..sfc.	4.615e-03	5.403e-03	0.854
## Total.Cloud.Cover.daily.min..sfc.	1.337e-02	8.191e-03	1.632
## High.Cloud.Cover.daily.max..high.cld.lay.	7.437e-03	3.258e-03	2.283
## High.Cloud.Cover.daily.min..high.cld.lay.	2.687e-02	2.793e-02	0.962
## Medium.Cloud.Cover.daily.max..mid.cld.lay.	2.003e-03	3.622e-03	0.553
## Medium.Cloud.Cover.daily.min..mid.cld.lay.	-1.365e-02	1.256e-02	-1.086
## Low.Cloud.Cover.daily.max..low.cld.lay.	1.617e-03	3.895e-03	0.415
## Low.Cloud.Cover.daily.min..low.cld.lay.	-1.706e-03	8.955e-03	-0.190
## Wind.Speed.daily.max..10.m.above.gnd.	4.101e-02	3.859e-02	1.063
## Wind.Speed.daily.min..10.m.above.gnd.	1.344e-01	7.145e-02	1.881
## Wind.Speed.daily.max..80.m.above.gnd.	2.017e-02	3.213e-02	0.628
## Wind.Speed.daily.min..80.m.above.gnd.	-2.539e-02	4.681e-02	-0.542
## Wind.Speed.daily.max..900.mb.	-6.645e-03	1.378e-02	-0.482
## Wind.Speed.daily.min..900.mb.	-6.048e-03	2.117e-02	-0.286
## Wind.Gust.daily.max..sfc.	1.869e-02	1.913e-02	0.977
## Wind.Gust.daily.min..sfc.	-4.258e-04	3.145e-02	-0.014
##	Pr(> z)		
## (Intercept)	0.818306		
## X	0.817763		
## Year	0.818806		
## Month	0.810129		
## Day	0.918599		
## Temperature.daily.mean..2.m.above.gnd.	0.342367		
## Relative.Humidity.daily.mean..2.m.above.gnd.	0.807966		
## Mean.Sea.Level.Pressure.daily.mean..MSL.	0.001674	**	
## Total.Precipitation.daily.sum..sfc.	0.204424		
## Snowfall.amount.raw.daily.sum..sfc.	0.361917		
## Total.Cloud.Cover.daily.mean..sfc.	0.299098		
## High.Cloud.Cover.daily.mean..high.cld.lay.	0.231927		
## Medium.Cloud.Cover.daily.mean..mid.cld.lay.	0.243082		
## Low.Cloud.Cover.daily.mean..low.cld.lay.	0.509430		
## Sunshine.Duration.daily.sum..sfc.	0.475344		
## Shortwave.Radiation.daily.sum..sfc.	0.839572		
## Wind.Speed.daily.mean..10.m.above.gnd.	0.826630		
## Wind.Direction.daily.mean..10.m.above.gnd.	0.822741		
## Wind.Speed.daily.mean..80.m.above.gnd.	0.211729		
## Wind.Direction.daily.mean..80.m.above.gnd.	0.646404		

```
## Wind.Speed.daily.mean..900.mb.          0.674494
## Wind.Direction.daily.mean..900.mb.       0.010325 *
## Wind.Gust.daily.mean..sfc.              0.836428
## Temperature.daily.max..2.m.above.gnd.    0.861754
## Temperature.daily.min..2.m.above.gnd.    0.089982 .
## Relative.Humidity.daily.max..2.m.above.gnd. 0.952965
## Relative.Humidity.daily.min..2.m.above.gnd. 0.900405
## Mean.Sea.Level.Pressure.daily.max..MSL.   0.002976 **
## Mean.Sea.Level.Pressure.daily.min..MSL.   0.000219 ***
## Total.Cloud.Cover.daily.max..sfc.        0.393053
## Total.Cloud.Cover.daily.min..sfc.        0.102701
## High.Cloud.Cover.daily.max..high.cld.lay. 0.022444 *
## High.Cloud.Cover.daily.min..high.cld.lay. 0.336015
## Medium.Cloud.Cover.daily.max..mid.cld.lay. 0.580137
## Medium.Cloud.Cover.daily.min..mid.cld.lay. 0.277264
## Low.Cloud.Cover.daily.max..low.cld.lay.   0.678150
## Low.Cloud.Cover.daily.min..low.cld.lay.   0.848956
## Wind.Speed.daily.max..10.m.above.gnd.     0.287882
## Wind.Speed.daily.min..10.m.above.gnd.     0.060007 .
## Wind.Speed.daily.max..80.m.above.gnd.     0.530193
## Wind.Speed.daily.min..80.m.above.gnd.     0.587530
## Wind.Speed.daily.max..900.mb.            0.629721
## Wind.Speed.daily.min..900.mb.            0.775134
## Wind.Gust.daily.max..sfc.                0.328711
## Wind.Gust.daily.min..sfc.                0.989196
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for binomial family taken to be 1)
##
##      Null deviance: 1319.74  on 951  degrees of freedom
## Residual deviance:  987.99  on 907  degrees of freedom
## AIC: 1078
##
## Number of Fisher Scoring iterations: 5
```

#Conclusion :

Les variables dont le coefficient est le significatif dans le full_model : Mean.Sea.Level.Pressure.daily.mean..MSL.
; Wind.Direction.daily.mean..900.mb. ; Mean.Sea.Level.Pressure.daily.max..MSL. : Mean.Sea.Level.Pressure.daily.min..MSL.
; Wind.Speed.daily.min..10.m.above.gnd. ; High.Cloud.Cover.daily.max..high.cld.lay ; Temperature.daily.min..2.m.above.gnd.

#Null model #Ce modèle sans variables explicatives sert de point de référence pour évaluer l'ajout de variables indépendantes (dans la fonction step par exemple)

```
null_model = glm(pluie.demain ~ 1 , family = "binomial", data = d_train)
summary(null_model)
```

```
##
## Call:
## glm(formula = pluie.demain ~ 1, family = "binomial", data = d_train)
##
## Deviance Residuals:
```

```
##      Min      1Q  Median      3Q      Max
## -1.181 -1.181  1.174   1.174   1.174
##
## Coefficients:
##              Estimate Std. Error z value Pr(>|z|)
## (Intercept) 0.008403   0.064821   0.13   0.897
##
## (Dispersion parameter for binomial family taken to be 1)
##
##      Null deviance: 1319.7  on 951  degrees of freedom
## Residual deviance: 1319.7  on 951  degrees of freedom
## AIC: 1321.7
##
## Number of Fisher Scoring iterations: 3
```

#Création de deux modèles avec la fonction step :

```
final_model1 <- step(null_model, direction = "forward", scope = list(upper = full_model, lower = null_model))
```

```
## Start: AIC=1321.74
## pluie.demain ~ 1
##
##
##              Df Deviance      AIC
## + Mean.Sea.Level.Pressure.daily.min..MSL.      1   1153.2 1157.2
## + Medium.Cloud.Cover.daily.mean..mid.cld.lay.  1   1166.9 1170.9
## + Mean.Sea.Level.Pressure.daily.mean..MSL.      1   1168.9 1172.9
## + Medium.Cloud.Cover.daily.max..mid.cld.lay.    1   1175.5 1179.5
## + Mean.Sea.Level.Pressure.daily.max..MSL.        1   1188.6 1192.6
## + High.Cloud.Cover.daily.max..high.cld.lay.     1   1206.9 1210.9
## + Total.Cloud.Cover.daily.mean..sfc.             1   1220.7 1224.7
## + High.Cloud.Cover.daily.mean..high.cld.lay.     1   1232.8 1236.8
## + Total.Precipitation.daily.sum..sfc.            1   1243.7 1247.7
## + Wind.Gust.daily.max..sfc.                     1   1249.4 1253.4
## + Total.Cloud.Cover.daily.max..sfc.             1   1250.5 1254.5
## + Wind.Speed.daily.max..80.m.above.gnd.          1   1258.1 1262.1
## + Wind.Speed.daily.max..10.m.above.gnd.          1   1259.5 1263.5
## + Wind.Speed.daily.max..900.mb.                 1   1265.8 1269.8
## + Sunshine.Duration.daily.sum..sfc.             1   1267.0 1271.0
## + Wind.Direction.daily.mean..900.mb.            1   1269.8 1273.8
## + Low.Cloud.Cover.daily.mean..low.cld.lay.       1   1270.9 1274.9
## + Low.Cloud.Cover.daily.max..low.cld.lay.        1   1273.4 1277.4
## + Wind.Gust.daily.mean..sfc.                    1   1274.5 1278.5
## + Wind.Speed.daily.mean..10.m.above.gnd.         1   1278.7 1282.7
## + Wind.Speed.daily.mean..80.m.above.gnd.         1   1285.3 1289.3
## + Total.Cloud.Cover.daily.min..sfc.             1   1289.3 1293.3
## + Wind.Speed.daily.mean..900.mb.                1   1292.3 1296.3
## + Wind.Gust.daily.min..sfc.                     1   1297.6 1301.6
## + Wind.Speed.daily.min..10.m.above.gnd.          1   1298.2 1302.2
## + Wind.Direction.daily.mean..80.m.above.gnd.     1   1300.1 1304.1
## + Wind.Direction.daily.mean..10.m.above.gnd.     1   1303.2 1307.2
## + Temperature.daily.min..2.m.above.gnd.         1   1304.2 1308.2
## + Wind.Speed.daily.min..80.m.above.gnd.          1   1306.5 1310.5
## + Medium.Cloud.Cover.daily.min..mid.cld.lay.     1   1308.6 1312.6
```



```

## + Temperature.daily.mean..2.m.above.gnd.      1  1308.7 1312.7
## + High.Cloud.Cover.daily.min..high.cld.lay.    1  1309.4 1313.4
## + Low.Cloud.Cover.daily.min..low.cld.lay.      1  1312.0 1316.0
## + Wind.Speed.daily.min..900.mb.                1  1312.4 1316.4
## + Temperature.daily.max..2.m.above.gnd.        1  1312.9 1316.9
## + Year                                           1  1314.0 1318.0
## + Month                                          1  1314.6 1318.6
## + X                                              1  1315.1 1319.1
## <none>                                           1319.7 1321.7
## + Shortwave.Radiation.daily.sum..sfc.          1  1317.8 1321.8
## + Relative.Humidity.daily.min..2.m.above.gnd.  1  1318.6 1322.6
## + Relative.Humidity.daily.mean..2.m.above.gnd. 1  1318.8 1322.8
## + Day                                             1  1319.3 1323.3
## + Snowfall.amount.raw.daily.sum..sfc.          1  1319.3 1323.3
## + Relative.Humidity.daily.max..2.m.above.gnd.  1  1319.6 1323.6
##
## Step:  AIC=1157.24
## pluie.demain ~ Mean.Sea.Level.Pressure.daily.min..MSL.
##
##                                     Df Deviance    AIC
## + High.Cloud.Cover.daily.max..high.cld.lay.    1  1091.6 1097.6
## + Medium.Cloud.Cover.daily.max..mid.cld.lay.    1  1092.7 1098.7
## + Medium.Cloud.Cover.daily.mean..mid.cld.lay.   1  1098.4 1104.4
## + Total.Cloud.Cover.daily.mean..sfc.            1  1116.3 1122.3
## + High.Cloud.Cover.daily.mean..high.cld.lay.    1  1116.4 1122.4
## + Wind.Direction.daily.mean..900.mb.            1  1122.7 1128.7
## + Total.Cloud.Cover.daily.max..sfc.             1  1123.1 1129.1
## + Total.Precipitation.daily.sum..sfc.           1  1128.1 1134.1
## + Sunshine.Duration.daily.sum..sfc.            1  1133.5 1139.5
## + Wind.Gust.daily.max..sfc.                     1  1135.5 1141.5
## + Wind.Speed.daily.max..900.mb.                 1  1136.3 1142.3
## + Low.Cloud.Cover.daily.mean..low.cld.lay.      1  1137.5 1143.5
## + Low.Cloud.Cover.daily.max..low.cld.lay.      1  1138.7 1144.7
## + Total.Cloud.Cover.daily.min..sfc.             1  1138.9 1144.9
## + Wind.Speed.daily.max..10.m.above.gnd.         1  1140.6 1146.6
## + Wind.Speed.daily.max..80.m.above.gnd.         1  1140.8 1146.8
## + Wind.Direction.daily.mean..80.m.above.gnd.    1  1143.2 1149.2
## + Wind.Gust.daily.mean..sfc.                   1  1144.0 1150.0
## + Temperature.daily.min..2.m.above.gnd.         1  1144.3 1150.3
## + Wind.Speed.daily.mean..900.mb.                1  1144.7 1150.7
## + Wind.Direction.daily.mean..10.m.above.gnd.    1  1145.3 1151.3
## + Temperature.daily.mean..2.m.above.gnd.        1  1146.8 1152.8
## + Wind.Speed.daily.mean..10.m.above.gnd.        1  1147.3 1153.3
## + Low.Cloud.Cover.daily.min..low.cld.lay.      1  1148.4 1154.4
## + High.Cloud.Cover.daily.min..high.cld.lay.    1  1148.6 1154.6
## + Year                                           1  1148.6 1154.6
## + Wind.Gust.daily.min..sfc.                     1  1148.8 1154.8
## + Temperature.daily.max..2.m.above.gnd.         1  1148.8 1154.8
## + Wind.Speed.daily.min..10.m.above.gnd.         1  1148.9 1154.9
## + X                                              1  1149.0 1155.0
## + Wind.Speed.daily.mean..80.m.above.gnd.        1  1149.1 1155.1
## + Wind.Speed.daily.min..900.mb.                 1  1150.9 1156.9
## + Day                                             1  1151.0 1157.0
## + Medium.Cloud.Cover.daily.min..mid.cld.lay.    1  1151.2 1157.2

```

```

## <none> 1153.2 1157.2
## + Wind.Speed.daily.min..80.m.above.gnd. 1 1151.2 1157.2
## + Mean.Sea.Level.Pressure.daily.mean..MSL. 1 1151.9 1157.9
## + Month 1 1151.9 1157.9
## + Snowfall.amount.raw.daily.sum..sfc. 1 1152.0 1158.0
## + Shortwave.Radiation.daily.sum..sfc. 1 1152.5 1158.5
## + Relative.Humidity.daily.mean..2.m.above.gnd. 1 1152.6 1158.6
## + Relative.Humidity.daily.min..2.m.above.gnd. 1 1152.7 1158.7
## + Relative.Humidity.daily.max..2.m.above.gnd. 1 1153.1 1159.1
## + Mean.Sea.Level.Pressure.daily.max..MSL. 1 1153.2 1159.2
##
## Step: AIC=1097.62
## pluie.demain ~ Mean.Sea.Level.Pressure.daily.min..MSL. + High.Cloud.Cover.daily.max..high.cld.lay.
##
## Df Deviance AIC
## + Wind.Direction.daily.mean..900.mb. 1 1075.5 1083.5
## + Medium.Cloud.Cover.daily.mean..mid.cld.lay. 1 1076.5 1084.5
## + Total.Cloud.Cover.daily.mean..sfc. 1 1077.1 1085.1
## + Medium.Cloud.Cover.daily.max..mid.cld.lay. 1 1077.3 1085.3
## + Total.Precipitation.daily.sum..sfc. 1 1078.9 1086.9
## + Wind.Gust.daily.max..sfc. 1 1079.3 1087.3
## + Low.Cloud.Cover.daily.mean..low.cld.lay. 1 1080.4 1088.4
## + Wind.Speed.daily.max..10.m.above.gnd. 1 1081.0 1089.0
## + Total.Cloud.Cover.daily.max..sfc. 1 1081.7 1089.7
## + Total.Cloud.Cover.daily.min..sfc. 1 1082.2 1090.2
## + Wind.Speed.daily.max..900.mb. 1 1082.7 1090.7
## + Low.Cloud.Cover.daily.max..low.cld.lay. 1 1083.2 1091.2
## + Wind.Speed.daily.max..80.m.above.gnd. 1 1083.5 1091.5
## + Wind.Gust.daily.mean..sfc. 1 1083.8 1091.8
## + Wind.Direction.daily.mean..80.m.above.gnd. 1 1084.9 1092.9
## + Wind.Speed.daily.mean..10.m.above.gnd. 1 1085.6 1093.6
## + Wind.Direction.daily.mean..10.m.above.gnd. 1 1085.8 1093.8
## + Wind.Speed.daily.min..10.m.above.gnd. 1 1085.9 1093.9
## + Wind.Speed.daily.mean..900.mb. 1 1086.4 1094.4
## + Sunshine.Duration.daily.sum..sfc. 1 1086.8 1094.8
## + Low.Cloud.Cover.daily.min..low.cld.lay. 1 1087.2 1095.2
## + Wind.Gust.daily.min..sfc. 1 1087.2 1095.2
## + Year 1 1087.7 1095.7
## + Month 1 1087.8 1095.8
## + Wind.Speed.daily.mean..80.m.above.gnd. 1 1088.1 1096.1
## + X 1 1088.3 1096.3
## + Wind.Speed.daily.min..80.m.above.gnd. 1 1088.7 1096.7
## + Temperature.daily.min..2.m.above.gnd. 1 1089.0 1097.0
## + Day 1 1089.5 1097.5
## + Wind.Speed.daily.min..900.mb. 1 1089.5 1097.5
## <none> 1091.6 1097.6
## + Temperature.daily.mean..2.m.above.gnd. 1 1089.7 1097.7
## + Mean.Sea.Level.Pressure.daily.mean..MSL. 1 1089.9 1097.9
## + Temperature.daily.max..2.m.above.gnd. 1 1090.5 1098.5
## + Medium.Cloud.Cover.daily.min..mid.cld.lay. 1 1090.7 1098.7
## + High.Cloud.Cover.daily.min..high.cld.lay. 1 1090.8 1098.8
## + Snowfall.amount.raw.daily.sum..sfc. 1 1091.3 1099.3
## + Relative.Humidity.daily.mean..2.m.above.gnd. 1 1091.4 1099.4
## + Relative.Humidity.daily.min..2.m.above.gnd. 1 1091.4 1099.4

```

```

## + Relative.Humidity.daily.max..2.m.above.gnd.    1    1091.5 1099.5
## + Mean.Sea.Level.Pressure.daily.max..MSL.        1    1091.5 1099.5
## + High.Cloud.Cover.daily.mean..high.cld.lay.     1    1091.5 1099.5
## + Shortwave.Radiation.daily.sum..sfc.            1    1091.6 1099.6
##
## Step:  AIC=1083.45
## pluie.demain ~ Mean.Sea.Level.Pressure.daily.min..MSL. + High.Cloud.Cover.daily.max..high.cld.lay. +
##      Wind.Direction.daily.mean..900.mb.
##
##                                     Df Deviance      AIC
## + Medium.Cloud.Cover.daily.mean..mid.cld.lay.    1    1064.8 1074.8
## + Total.Cloud.Cover.daily.min..sfc.              1    1066.5 1076.5
## + Medium.Cloud.Cover.daily.max..mid.cld.lay.     1    1066.9 1076.9
## + Total.Cloud.Cover.daily.mean..sfc.             1    1067.3 1077.3
## + Wind.Gust.daily.max..sfc.                      1    1067.7 1077.7
## + Wind.Speed.daily.max..10.m.above.gnd.          1    1068.4 1078.4
## + Total.Precipitation.daily.sum..sfc.            1    1068.6 1078.6
## + Total.Cloud.Cover.daily.max..sfc.             1    1069.6 1079.6
## + Wind.Speed.daily.max..80.m.above.gnd.          1    1069.9 1079.9
## + Low.Cloud.Cover.daily.mean..low.cld.lay.       1    1070.0 1080.0
## + Month                                           1    1070.2 1080.2
## + Low.Cloud.Cover.daily.min..low.cld.lay.        1    1070.8 1080.8
## + Wind.Speed.daily.max..900.mb.                  1    1070.9 1080.9
## + Wind.Gust.daily.mean..sfc.                     1    1071.7 1081.7
## + Year                                           1    1071.7 1081.7
## + Low.Cloud.Cover.daily.max..low.cld.lay.        1    1071.8 1081.8
## + X                                              1    1072.5 1082.5
## + Wind.Speed.daily.min..10.m.above.gnd.          1    1072.5 1082.5
## + Wind.Speed.daily.mean..10.m.above.gnd.         1    1072.7 1082.7
## + Day                                           1    1072.9 1082.9
## + Wind.Speed.daily.mean..900.mb.                 1    1073.4 1083.4
## + <none>                                         1075.5 1083.5
## + Wind.Gust.daily.min..sfc.                     1    1073.5 1083.5
## + Sunshine.Duration.daily.sum..sfc.              1    1073.7 1083.7
## + Temperature.daily.max..2.m.above.gnd.          1    1073.8 1083.8
## + Temperature.daily.mean..2.m.above.gnd.         1    1073.9 1083.9
## + Wind.Speed.daily.mean..80.m.above.gnd.         1    1074.2 1084.2
## + Mean.Sea.Level.Pressure.daily.mean..MSL.       1    1074.2 1084.2
## + Temperature.daily.min..2.m.above.gnd.          1    1074.2 1084.2
## + Medium.Cloud.Cover.daily.min..mid.cld.lay.     1    1074.4 1084.4
## + High.Cloud.Cover.daily.min..high.cld.lay.      1    1074.5 1084.5
## + Shortwave.Radiation.daily.sum..sfc.            1    1074.6 1084.6
## + Wind.Speed.daily.min..80.m.above.gnd.          1    1074.6 1084.6
## + Snowfall.amount.raw.daily.sum..sfc.           1    1074.9 1084.9
## + Wind.Speed.daily.min..900.mb.                  1    1075.0 1085.0
## + Relative.Humidity.daily.min..2.m.above.gnd.    1    1075.3 1085.3
## + Relative.Humidity.daily.max..2.m.above.gnd.    1    1075.3 1085.3
## + Wind.Direction.daily.mean..10.m.above.gnd.     1    1075.3 1085.3
## + High.Cloud.Cover.daily.mean..high.cld.lay.     1    1075.3 1085.3
## + Wind.Direction.daily.mean..80.m.above.gnd.     1    1075.4 1085.4
## + Mean.Sea.Level.Pressure.daily.max..MSL.        1    1075.4 1085.4
## + Relative.Humidity.daily.mean..2.m.above.gnd.   1    1075.5 1085.5
##
## Step:  AIC=1074.82

```

```

## pluie.demain ~ Mean.Sea.Level.Pressure.daily.min..MSL. + High.Cloud.Cover.daily.max..high.cld.lay. +
##      Wind.Direction.daily.mean..900.mb. + Medium.Cloud.Cover.daily.mean..mid.cld.lay.
##
##
##              Df Deviance      AIC
## + Shortwave.Radiation.daily.sum..sfc.          1    1056.1 1068.1
## + Temperature.daily.max..2.m.above.gnd.        1    1057.7 1069.7
## + Temperature.daily.mean..2.m.above.gnd.        1    1059.0 1071.0
## + Month                                          1    1060.1 1072.1
## + Wind.Gust.daily.max..sfc.                    1    1060.3 1072.3
## + Wind.Speed.daily.max..10.m.above.gnd.         1    1061.0 1073.0
## + Year                                           1    1061.1 1073.1
## + Temperature.daily.min..2.m.above.gnd.         1    1061.2 1073.2
## + Relative.Humidity.daily.min..2.m.above.gnd.   1    1061.6 1073.6
## + Total.Cloud.Cover.daily.min..sfc.             1    1061.7 1073.7
## + Wind.Speed.daily.max..80.m.above.gnd.         1    1061.8 1073.8
## + X                                              1    1061.9 1073.9
## + Total.Cloud.Cover.daily.max..sfc.             1    1062.0 1074.0
## + Medium.Cloud.Cover.daily.max..mid.cld.lay.    1    1062.4 1074.4
## + Day                                            1    1062.4 1074.4
## + Low.Cloud.Cover.daily.min..low.cld.lay.       1    1062.6 1074.6
## + Wind.Speed.daily.max..900.mb.                 1    1062.7 1074.7
## <none>                                          1064.8 1074.8
## + Relative.Humidity.daily.mean..2.m.above.gnd.  1    1063.0 1075.0
## + Total.Precipitation.daily.sum..sfc.           1    1063.0 1075.0
## + High.Cloud.Cover.daily.mean..high.cld.lay.    1    1063.2 1075.2
## + Sunshine.Duration.daily.sum..sfc.             1    1063.2 1075.2
## + Wind.Gust.daily.mean..sfc.                   1    1063.3 1075.3
## + Mean.Sea.Level.Pressure.daily.mean..MSL.      1    1063.3 1075.3
## + Wind.Speed.daily.min..10.m.above.gnd.         1    1063.5 1075.5
## + Snowfall.amount.raw.daily.sum..sfc.           1    1063.5 1075.5
## + Wind.Speed.daily.mean..10.m.above.gnd.        1    1063.9 1075.9
## + Wind.Gust.daily.min..sfc.                     1    1064.0 1076.0
## + Low.Cloud.Cover.daily.max..low.cld.lay.       1    1064.1 1076.1
## + Wind.Speed.daily.mean..900.mb.                 1    1064.3 1076.3
## + Total.Cloud.Cover.daily.mean..sfc.             1    1064.3 1076.3
## + Low.Cloud.Cover.daily.mean..low.cld.lay.      1    1064.5 1076.5
## + Wind.Speed.daily.mean..80.m.above.gnd.        1    1064.6 1076.6
## + Wind.Speed.daily.min..80.m.above.gnd.         1    1064.7 1076.7
## + High.Cloud.Cover.daily.min..high.cld.lay.     1    1064.7 1076.7
## + Relative.Humidity.daily.max..2.m.above.gnd.   1    1064.8 1076.8
## + Wind.Speed.daily.min..900.mb.                 1    1064.8 1076.8
## + Wind.Direction.daily.mean..10.m.above.gnd.    1    1064.8 1076.8
## + Medium.Cloud.Cover.daily.min..mid.cld.lay.    1    1064.8 1076.8
## + Mean.Sea.Level.Pressure.daily.max..MSL.       1    1064.8 1076.8
## + Wind.Direction.daily.mean..80.m.above.gnd.    1    1064.8 1076.8
##
## Step:  AIC=1068.12
## pluie.demain ~ Mean.Sea.Level.Pressure.daily.min..MSL. + High.Cloud.Cover.daily.max..high.cld.lay. +
##      Wind.Direction.daily.mean..900.mb. + Medium.Cloud.Cover.daily.mean..mid.cld.lay. +
##      Shortwave.Radiation.daily.sum..sfc.
##
##
##              Df Deviance      AIC
## + Wind.Gust.daily.max..sfc.          1    1046.6 1060.6
## + Wind.Speed.daily.max..10.m.above.gnd.  1    1047.7 1061.7

```

```

## + Wind.Speed.daily.max..80.m.above.gnd.      1  1048.4 1062.4
## + Wind.Speed.daily.max..900.mb.              1  1048.7 1062.7
## + Total.Cloud.Cover.daily.min..sfc.          1  1051.1 1065.1
## + Wind.Gust.daily.mean..sfc.                 1  1051.4 1065.4
## + Mean.Sea.Level.Pressure.daily.mean..MSL.    1  1051.7 1065.7
## + Total.Cloud.Cover.daily.mean..sfc.         1  1051.8 1065.8
## + Total.Cloud.Cover.daily.max..sfc.          1  1051.9 1065.9
## + Low.Cloud.Cover.daily.mean..low.cld.lay.   1  1052.0 1066.0
## + Low.Cloud.Cover.daily.min..low.cld.lay.    1  1052.2 1066.2
## + Wind.Speed.daily.mean..900.mb.             1  1052.2 1066.2
## + Wind.Speed.daily.min..10.m.above.gnd.       1  1052.5 1066.5
## + Year                                         1  1052.7 1066.7
## + Wind.Speed.daily.mean..10.m.above.gnd.      1  1052.8 1066.8
## + Month                                       1  1053.1 1067.1
## + Medium.Cloud.Cover.daily.max..mid.cld.lay.  1  1053.2 1067.2
## + X                                           1  1053.2 1067.2
## + Total.Precipitation.daily.sum..sfc.         1  1053.3 1067.3
## + Day                                         1  1053.6 1067.6
## + Wind.Gust.daily.min..sfc.                  1  1053.7 1067.7
## + Wind.Speed.daily.mean..80.m.above.gnd.     1  1053.9 1067.9
## + Low.Cloud.Cover.daily.max..low.cld.lay.    1  1053.9 1067.9
## <none>                                         1056.1 1068.1
## + High.Cloud.Cover.daily.mean..high.cld.lay.  1  1054.4 1068.4
## + Wind.Speed.daily.min..80.m.above.gnd.      1  1054.9 1068.9
## + Sunshine.Duration.daily.sum..sfc.          1  1055.0 1069.0
## + Mean.Sea.Level.Pressure.daily.max..MSL.    1  1055.1 1069.1
## + Wind.Speed.daily.min..900.mb.              1  1055.1 1069.1
## + Snowfall.amount.raw.daily.sum..sfc.        1  1055.6 1069.6
## + Temperature.daily.max..2.m.above.gnd.      1  1055.7 1069.7
## + Relative.Humidity.daily.max..2.m.above.gnd. 1  1055.8 1069.8
## + High.Cloud.Cover.daily.min..high.cld.lay.  1  1056.0 1070.0
## + Temperature.daily.mean..2.m.above.gnd.     1  1056.0 1070.0
## + Relative.Humidity.daily.mean..2.m.above.gnd. 1  1056.0 1070.0
## + Medium.Cloud.Cover.daily.min..mid.cld.lay.  1  1056.1 1070.1
## + Relative.Humidity.daily.min..2.m.above.gnd. 1  1056.1 1070.1
## + Wind.Direction.daily.mean..80.m.above.gnd. 1  1056.1 1070.1
## + Wind.Direction.daily.mean..10.m.above.gnd. 1  1056.1 1070.1
## + Temperature.daily.min..2.m.above.gnd.      1  1056.1 1070.1
##
## Step:  AIC=1060.61
## pluie.demain ~ Mean.Sea.Level.Pressure.daily.min..MSL. + High.Cloud.Cover.daily.max..high.cld.lay. +
##      Wind.Direction.daily.mean..900.mb. + Medium.Cloud.Cover.daily.mean..mid.cld.lay. +
##      Shortwave.Radiation.daily.sum..sfc. + Wind.Gust.daily.max..sfc.
##
##                                     Df Deviance    AIC
## + Total.Cloud.Cover.daily.min..sfc.      1  1040.3 1056.3
## + Low.Cloud.Cover.daily.min..low.cld.lay.  1  1041.8 1057.8
## + Total.Cloud.Cover.daily.mean..sfc.      1  1042.4 1058.4
## + Year                                     1  1042.6 1058.6
## + Total.Cloud.Cover.daily.max..sfc.      1  1042.9 1058.9
## + Low.Cloud.Cover.daily.mean..low.cld.lay. 1  1043.0 1059.0
## + X                                       1  1043.1 1059.1
## + Day                                     1  1043.3 1059.3
## + Medium.Cloud.Cover.daily.max..mid.cld.lay. 1  1044.2 1060.2

```

```

## + Month 1 1044.2 1060.2
## <none> 1046.6 1060.6
## + Total.Precipitation.daily.sum..sfc. 1 1044.9 1060.9
## + Mean.Sea.Level.Pressure.daily.mean..MSL. 1 1045.2 1061.2
## + Low.Cloud.Cover.daily.max..low.cld.lay. 1 1045.2 1061.2
## + Sunshine.Duration.daily.sum..sfc. 1 1045.4 1061.4
## + Wind.Speed.daily.mean..80.m.above.gnd. 1 1045.4 1061.4
## + High.Cloud.Cover.daily.mean..high.cld.lay. 1 1045.4 1061.4
## + Temperature.daily.max..2.m.above.gnd. 1 1045.5 1061.5
## + Relative.Humidity.daily.max..2.m.above.gnd. 1 1045.6 1061.6
## + Wind.Speed.daily.min..900.mb. 1 1045.7 1061.7
## + Snowfall.amount.raw.daily.sum..sfc. 1 1045.9 1061.9
## + Temperature.daily.mean..2.m.above.gnd. 1 1045.9 1061.9
## + Wind.Gust.daily.mean..sfc. 1 1046.0 1062.0
## + Relative.Humidity.daily.mean..2.m.above.gnd. 1 1046.1 1062.1
## + Wind.Speed.daily.min..10.m.above.gnd. 1 1046.2 1062.2
## + Wind.Speed.daily.max..10.m.above.gnd. 1 1046.2 1062.2
## + Wind.Speed.daily.mean..10.m.above.gnd. 1 1046.2 1062.2
## + High.Cloud.Cover.daily.min..high.cld.lay. 1 1046.3 1062.3
## + Wind.Speed.daily.max..900.mb. 1 1046.3 1062.3
## + Temperature.daily.min..2.m.above.gnd. 1 1046.4 1062.4
## + Wind.Speed.daily.mean..900.mb. 1 1046.4 1062.4
## + Wind.Speed.daily.max..80.m.above.gnd. 1 1046.4 1062.4
## + Wind.Direction.daily.mean..80.m.above.gnd. 1 1046.5 1062.5
## + Wind.Direction.daily.mean..10.m.above.gnd. 1 1046.5 1062.5
## + Wind.Speed.daily.min..80.m.above.gnd. 1 1046.5 1062.5
## + Relative.Humidity.daily.min..2.m.above.gnd. 1 1046.6 1062.6
## + Wind.Gust.daily.min..sfc. 1 1046.6 1062.6
## + Mean.Sea.Level.Pressure.daily.max..MSL. 1 1046.6 1062.6
## + Medium.Cloud.Cover.daily.min..mid.cld.lay. 1 1046.6 1062.6
##
## Step: AIC=1056.35
## pluie.demain ~ Mean.Sea.Level.Pressure.daily.min..MSL. + High.Cloud.Cover.daily.max..high.cld.lay. +
## Wind.Direction.daily.mean..900.mb. + Medium.Cloud.Cover.daily.mean..mid.cld.lay. +
## Shortwave.Radiation.daily.sum..sfc. + Wind.Gust.daily.max..sfc. +
## Total.Cloud.Cover.daily.min..sfc.
##
## Df Deviance AIC
## + Year 1 1036.1 1054.1
## + Total.Cloud.Cover.daily.max..sfc. 1 1036.5 1054.5
## + X 1 1036.6 1054.6
## + Day 1 1037.0 1055.0
## + Medium.Cloud.Cover.daily.max..mid.cld.lay. 1 1037.3 1055.3
## + Month 1 1038.0 1056.0
## <none> 1040.3 1056.3
## + Total.Cloud.Cover.daily.mean..sfc. 1 1038.6 1056.6
## + Mean.Sea.Level.Pressure.daily.mean..MSL. 1 1038.7 1056.7
## + Wind.Speed.daily.mean..80.m.above.gnd. 1 1038.9 1056.9
## + Low.Cloud.Cover.daily.max..low.cld.lay. 1 1038.9 1056.9
## + Temperature.daily.max..2.m.above.gnd. 1 1039.1 1057.1
## + Medium.Cloud.Cover.daily.min..mid.cld.lay. 1 1039.3 1057.3
## + Total.Precipitation.daily.sum..sfc. 1 1039.4 1057.4
## + High.Cloud.Cover.daily.mean..high.cld.lay. 1 1039.4 1057.4
## + Low.Cloud.Cover.daily.mean..low.cld.lay. 1 1039.4 1057.4

```

```

## + Relative.Humidity.daily.max..2.m.above.gnd. 1 1039.5 1057.5
## + Snowfall.amount.raw.daily.sum..sfc. 1 1039.5 1057.5
## + Wind.Gust.daily.mean..sfc. 1 1039.6 1057.6
## + Wind.Direction.daily.mean..80.m.above.gnd. 1 1039.7 1057.7
## + Wind.Speed.daily.mean..10.m.above.gnd. 1 1039.7 1057.7
## + Wind.Speed.daily.min..900.mb. 1 1039.7 1057.7
## + Temperature.daily.mean..2.m.above.gnd. 1 1039.8 1057.8
## + Wind.Speed.daily.max..900.mb. 1 1039.8 1057.8
## + Wind.Direction.daily.mean..10.m.above.gnd. 1 1039.8 1057.8
## + Sunshine.Duration.daily.sum..sfc. 1 1039.9 1057.9
## + Wind.Speed.daily.max..10.m.above.gnd. 1 1040.0 1058.0
## + Wind.Speed.daily.min..80.m.above.gnd. 1 1040.0 1058.0
## + Wind.Speed.daily.max..80.m.above.gnd. 1 1040.0 1058.0
## + Relative.Humidity.daily.mean..2.m.above.gnd. 1 1040.1 1058.1
## + Wind.Speed.daily.min..10.m.above.gnd. 1 1040.2 1058.2
## + Low.Cloud.Cover.daily.min..low.cld.lay. 1 1040.2 1058.2
## + Temperature.daily.min..2.m.above.gnd. 1 1040.2 1058.2
## + Wind.Speed.daily.mean..900.mb. 1 1040.3 1058.3
## + High.Cloud.Cover.daily.min..high.cld.lay. 1 1040.3 1058.3
## + Relative.Humidity.daily.min..2.m.above.gnd. 1 1040.3 1058.3
## + Mean.Sea.Level.Pressure.daily.max..MSL. 1 1040.3 1058.3
## + Wind.Gust.daily.min..sfc. 1 1040.3 1058.3
##
## Step: AIC=1054.1
## plue.demain ~ Mean.Sea.Level.Pressure.daily.min..MSL. + High.Cloud.Cover.daily.max..high.cld.lay. +
## Wind.Direction.daily.mean..900.mb. + Medium.Cloud.Cover.daily.mean..mid.cld.lay. +
## Shortwave.Radiation.daily.sum..sfc. + Wind.Gust.daily.max..sfc. +
## Total.Cloud.Cover.daily.min..sfc. + Year
##
##
## Df Deviance AIC
## + Total.Cloud.Cover.daily.max..sfc. 1 1031.7 1051.7
## + Day 1 1032.5 1052.5
## + Wind.Speed.daily.mean..80.m.above.gnd. 1 1033.1 1053.1
## + Medium.Cloud.Cover.daily.max..mid.cld.lay. 1 1033.1 1053.1
## + Relative.Humidity.daily.max..2.m.above.gnd. 1 1033.7 1053.7
## + Wind.Gust.daily.mean..sfc. 1 1033.8 1053.8
## + Total.Cloud.Cover.daily.mean..sfc. 1 1034.0 1054.0
## <none> 1036.1 1054.1
## + Low.Cloud.Cover.daily.max..low.cld.lay. 1 1034.2 1054.2
## + Wind.Speed.daily.mean..10.m.above.gnd. 1 1034.3 1054.3
## + Temperature.daily.max..2.m.above.gnd. 1 1034.7 1054.7
## + Relative.Humidity.daily.mean..2.m.above.gnd. 1 1034.8 1054.8
## + Mean.Sea.Level.Pressure.daily.mean..MSL. 1 1034.9 1054.9
## + Month 1 1034.9 1054.9
## + Wind.Speed.daily.min..900.mb. 1 1034.9 1054.9
## + Total.Precipitation.daily.sum..sfc. 1 1034.9 1054.9
## + Low.Cloud.Cover.daily.mean..low.cld.lay. 1 1035.0 1055.0
## + Medium.Cloud.Cover.daily.min..mid.cld.lay. 1 1035.0 1055.0
## + X 1 1035.2 1055.2
## + Temperature.daily.mean..2.m.above.gnd. 1 1035.3 1055.3
## + High.Cloud.Cover.daily.mean..high.cld.lay. 1 1035.3 1055.3
## + Snowfall.amount.raw.daily.sum..sfc. 1 1035.4 1055.4
## + Wind.Speed.daily.min..80.m.above.gnd. 1 1035.4 1055.4
## + Wind.Direction.daily.mean..80.m.above.gnd. 1 1035.4 1055.4

```

```

## + Sunshine.Duration.daily.sum..sfc. 1 1035.5 1055.5
## + Wind.Direction.daily.mean..10.m.above.gnd. 1 1035.6 1055.6
## + Wind.Gust.daily.min..sfc. 1 1035.6 1055.6
## + Wind.Speed.daily.mean..900.mb. 1 1035.7 1055.7
## + Wind.Speed.daily.max..900.mb. 1 1035.8 1055.8
## + Relative.Humidity.daily.min..2.m.above.gnd. 1 1035.9 1055.9
## + Temperature.daily.min..2.m.above.gnd. 1 1035.9 1055.9
## + Low.Cloud.Cover.daily.min..low.cld.lay. 1 1036.0 1056.0
## + High.Cloud.Cover.daily.min..high.cld.lay. 1 1036.0 1056.0
## + Wind.Speed.daily.max..80.m.above.gnd. 1 1036.1 1056.1
## + Wind.Speed.daily.max..10.m.above.gnd. 1 1036.1 1056.1
## + Mean.Sea.Level.Pressure.daily.max..MSL. 1 1036.1 1056.1
## + Wind.Speed.daily.min..10.m.above.gnd. 1 1036.1 1056.1
##
## Step: AIC=1051.72
## pluie.demain ~ Mean.Sea.Level.Pressure.daily.min..MSL. + High.Cloud.Cover.daily.max..high.cld.lay. +
## Wind.Direction.daily.mean..900.mb. + Medium.Cloud.Cover.daily.mean..mid.cld.lay. +
## Shortwave.Radiation.daily.sum..sfc. + Wind.Gust.daily.max..sfc. +
## Total.Cloud.Cover.daily.min..sfc. + Year + Total.Cloud.Cover.daily.max..sfc.
##
##
## Df Deviance AIC
## + Day 1 1028.1 1050.1
## + Wind.Speed.daily.mean..80.m.above.gnd. 1 1028.7 1050.7
## + Temperature.daily.max..2.m.above.gnd. 1 1029.0 1051.0
## + Wind.Gust.daily.mean..sfc. 1 1029.4 1051.4
## + Wind.Speed.daily.mean..10.m.above.gnd. 1 1029.7 1051.7
## <none> 1031.7 1051.7
## + Wind.Direction.daily.mean..80.m.above.gnd. 1 1030.1 1052.1
## + Relative.Humidity.daily.max..2.m.above.gnd. 1 1030.1 1052.1
## + Total.Precipitation.daily.sum..sfc. 1 1030.2 1052.2
## + Temperature.daily.mean..2.m.above.gnd. 1 1030.2 1052.2
## + Wind.Direction.daily.mean..10.m.above.gnd. 1 1030.3 1052.3
## + Mean.Sea.Level.Pressure.daily.mean..MSL. 1 1030.5 1052.5
## + Wind.Speed.daily.min..900.mb. 1 1030.6 1052.6
## + Month 1 1030.8 1052.8
## + Medium.Cloud.Cover.daily.min..mid.cld.lay. 1 1030.8 1052.8
## + Wind.Speed.daily.min..80.m.above.gnd. 1 1030.9 1052.9
## + Snowfall.amount.raw.daily.sum..sfc. 1 1031.0 1053.0
## + Medium.Cloud.Cover.daily.max..mid.cld.lay. 1 1031.0 1053.0
## + Relative.Humidity.daily.mean..2.m.above.gnd. 1 1031.0 1053.0
## + X 1 1031.1 1053.1
## + Wind.Gust.daily.min..sfc. 1 1031.2 1053.2
## + Wind.Speed.daily.max..900.mb. 1 1031.2 1053.2
## + High.Cloud.Cover.daily.mean..high.cld.lay. 1 1031.3 1053.3
## + Temperature.daily.min..2.m.above.gnd. 1 1031.3 1053.3
## + Wind.Speed.daily.mean..900.mb. 1 1031.5 1053.5
## + Total.Cloud.Cover.daily.mean..sfc. 1 1031.5 1053.5
## + Low.Cloud.Cover.daily.mean..low.cld.lay. 1 1031.6 1053.6
## + High.Cloud.Cover.daily.min..high.cld.lay. 1 1031.6 1053.6
## + Low.Cloud.Cover.daily.min..low.cld.lay. 1 1031.7 1053.7
## + Relative.Humidity.daily.min..2.m.above.gnd. 1 1031.7 1053.7
## + Wind.Speed.daily.max..10.m.above.gnd. 1 1031.7 1053.7
## + Wind.Speed.daily.max..80.m.above.gnd. 1 1031.7 1053.7
## + Sunshine.Duration.daily.sum..sfc. 1 1031.7 1053.7

```



```

## + Low.Cloud.Cover.daily.max..low.cld.lay.      1  1031.7 1053.7
## + Mean.Sea.Level.Pressure.daily.max..MSL.      1  1031.7 1053.7
## + Wind.Speed.daily.min..10.m.above.gnd.        1  1031.7 1053.7
##
## Step: AIC=1050.14
## pluie.demain ~ Mean.Sea.Level.Pressure.daily.min..MSL. + High.Cloud.Cover.daily.max..high.cld.lay. +
##      Wind.Direction.daily.mean..900.mb. + Medium.Cloud.Cover.daily.mean..mid.cld.lay. +
##      Shortwave.Radiation.daily.sum..sfc. + Wind.Gust.daily.max..sfc. +
##      Total.Cloud.Cover.daily.min..sfc. + Year + Total.Cloud.Cover.daily.max..sfc. +
##      Day
##
##                                     Df Deviance      AIC
## + Wind.Speed.daily.mean..80.m.above.gnd.      1  1024.9 1048.9
## + Temperature.daily.max..2.m.above.gnd.      1  1025.3 1049.3
## + Wind.Gust.daily.mean..sfc.                  1  1025.8 1049.8
## + Wind.Speed.daily.mean..10.m.above.gnd.      1  1026.0 1050.0
## <none>                                         1028.1 1050.1
## + Relative.Humidity.daily.max..2.m.above.gnd. 1  1026.3 1050.3
## + Total.Precipitation.daily.sum..sfc.         1  1026.5 1050.5
## + Temperature.daily.mean..2.m.above.gnd.      1  1026.5 1050.5
## + Wind.Direction.daily.mean..80.m.above.gnd.  1  1026.8 1050.8
## + Wind.Speed.daily.min..900.mb.               1  1026.9 1050.9
## + Mean.Sea.Level.Pressure.daily.mean..MSL.    1  1027.0 1051.0
## + Wind.Direction.daily.mean..10.m.above.gnd.  1  1027.0 1051.0
## + Month                                       1  1027.1 1051.1
## + X                                           1  1027.1 1051.1
## + Medium.Cloud.Cover.daily.min..mid.cld.lay.  1  1027.2 1051.2
## + Relative.Humidity.daily.mean..2.m.above.gnd. 1  1027.2 1051.2
## + Wind.Speed.daily.min..80.m.above.gnd.       1  1027.3 1051.3
## + Medium.Cloud.Cover.daily.max..mid.cld.lay.  1  1027.4 1051.4
## + Snowfall.amount.raw.daily.sum..sfc.         1  1027.4 1051.4
## + Wind.Gust.daily.min..sfc.                   1  1027.6 1051.6
## + Temperature.daily.min..2.m.above.gnd.       1  1027.6 1051.6
## + High.Cloud.Cover.daily.mean..high.cld.lay.  1  1027.7 1051.7
## + Wind.Speed.daily.max..900.mb.               1  1027.8 1051.8
## + Total.Cloud.Cover.daily.mean..sfc.          1  1027.9 1051.9
## + Wind.Speed.daily.mean..900.mb.              1  1027.9 1051.9
## + Low.Cloud.Cover.daily.mean..low.cld.lay.    1  1028.0 1052.0
## + Low.Cloud.Cover.daily.min..low.cld.lay.     1  1028.0 1052.0
## + Relative.Humidity.daily.min..2.m.above.gnd. 1  1028.0 1052.0
## + High.Cloud.Cover.daily.min..high.cld.lay.   1  1028.1 1052.1
## + Wind.Speed.daily.max..10.m.above.gnd.       1  1028.1 1052.1
## + Mean.Sea.Level.Pressure.daily.max..MSL.     1  1028.1 1052.1
## + Sunshine.Duration.daily.sum..sfc.           1  1028.1 1052.1
## + Wind.Speed.daily.min..10.m.above.gnd.       1  1028.1 1052.1
## + Low.Cloud.Cover.daily.max..low.cld.lay.     1  1028.1 1052.1
## + Wind.Speed.daily.max..80.m.above.gnd.       1  1028.1 1052.1
##
## Step: AIC=1048.93
## pluie.demain ~ Mean.Sea.Level.Pressure.daily.min..MSL. + High.Cloud.Cover.daily.max..high.cld.lay. +
##      Wind.Direction.daily.mean..900.mb. + Medium.Cloud.Cover.daily.mean..mid.cld.lay. +
##      Shortwave.Radiation.daily.sum..sfc. + Wind.Gust.daily.max..sfc. +
##      Total.Cloud.Cover.daily.min..sfc. + Year + Total.Cloud.Cover.daily.max..sfc. +
##      Day + Wind.Speed.daily.mean..80.m.above.gnd.

```

```

##
##
## + Wind.Speed.daily.min..10.m.above.gnd.      1  1021.6 1047.6
## + Wind.Speed.daily.max..80.m.above.gnd.      1  1022.7 1048.7
## <none>                                         1024.9 1048.9
## + Temperature.daily.max..2.m.above.gnd.      1  1023.1 1049.1
## + Total.Precipitation.daily.sum..sfc.        1  1023.3 1049.3
## + Wind.Speed.daily.max..10.m.above.gnd.      1  1023.4 1049.4
## + Relative.Humidity.daily.max..2.m.above.gnd. 1  1023.5 1049.5
## + Wind.Direction.daily.mean..80.m.above.gnd. 1  1023.5 1049.5
## + Mean.Sea.Level.Pressure.daily.mean..MSL.    1  1023.5 1049.5
## + Month                                       1  1023.9 1049.9
## + X                                           1  1023.9 1049.9
## + Wind.Direction.daily.mean..10.m.above.gnd. 1  1023.9 1049.9
## + Medium.Cloud.Cover.daily.max..mid.cld.lay. 1  1024.0 1050.0
## + Medium.Cloud.Cover.daily.min..mid.cld.lay. 1  1024.0 1050.0
## + Temperature.daily.mean..2.m.above.gnd.     1  1024.0 1050.0
## + Relative.Humidity.daily.mean..2.m.above.gnd. 1  1024.1 1050.1
## + High.Cloud.Cover.daily.mean..high.cld.lay. 1  1024.2 1050.2
## + Wind.Speed.daily.max..900.mb.              1  1024.3 1050.3
## + Wind.Speed.daily.mean..10.m.above.gnd.     1  1024.5 1050.5
## + Snowfall.amount.raw.daily.sum..sfc.        1  1024.5 1050.5
## + Wind.Speed.daily.min..80.m.above.gnd.      1  1024.5 1050.5
## + Total.Cloud.Cover.daily.mean..sfc.         1  1024.7 1050.7
## + Wind.Gust.daily.min..sfc.                  1  1024.7 1050.7
## + Low.Cloud.Cover.daily.mean..low.cld.lay.   1  1024.7 1050.7
## + Temperature.daily.min..2.m.above.gnd.      1  1024.8 1050.8
## + Wind.Gust.daily.mean..sfc.                  1  1024.8 1050.8
## + Wind.Speed.daily.min..900.mb.              1  1024.8 1050.8
## + Low.Cloud.Cover.daily.min..low.cld.lay.   1  1024.8 1050.8
## + Relative.Humidity.daily.min..2.m.above.gnd. 1  1024.8 1050.8
## + High.Cloud.Cover.daily.min..high.cld.lay.  1  1024.9 1050.9
## + Wind.Speed.daily.mean..900.mb.             1  1024.9 1050.9
## + Mean.Sea.Level.Pressure.daily.max..MSL.     1  1024.9 1050.9
## + Sunshine.Duration.daily.sum..sfc.          1  1024.9 1050.9
## + Low.Cloud.Cover.daily.max..low.cld.lay.    1  1024.9 1050.9
##
## Step:  AIC=1047.58
## pluie.demain ~ Mean.Sea.Level.Pressure.daily.min..MSL. + High.Cloud.Cover.daily.max..high.cld.lay. +
##      Wind.Direction.daily.mean..900.mb. + Medium.Cloud.Cover.daily.mean..mid.cld.lay. +
##      Shortwave.Radiation.daily.sum..sfc. + Wind.Gust.daily.max..sfc. +
##      Total.Cloud.Cover.daily.min..sfc. + Year + Total.Cloud.Cover.daily.max..sfc. +
##      Day + Wind.Speed.daily.mean..80.m.above.gnd. + Wind.Speed.daily.min..10.m.above.gnd.
##
##
## + Wind.Speed.daily.max..80.m.above.gnd.      1  1017.7 1045.7
## + Wind.Speed.daily.max..10.m.above.gnd.      1  1019.2 1047.2
## + Temperature.daily.max..2.m.above.gnd.      1  1019.4 1047.4
## <none>                                         1021.6 1047.6
## + Relative.Humidity.daily.max..2.m.above.gnd. 1  1019.7 1047.7
## + Total.Precipitation.daily.sum..sfc.        1  1020.0 1048.0
## + Mean.Sea.Level.Pressure.daily.mean..MSL.    1  1020.2 1048.2
## + Wind.Direction.daily.mean..80.m.above.gnd. 1  1020.3 1048.3
## + Wind.Speed.daily.min..80.m.above.gnd.      1  1020.3 1048.3

```

```

## + Month 1 1020.5 1048.5
## + X 1 1020.5 1048.5
## + Temperature.daily.mean..2.m.above.gnd. 1 1020.5 1048.5
## + Relative.Humidity.daily.mean..2.m.above.gnd. 1 1020.6 1048.6
## + Medium.Cloud.Cover.daily.min..mid.cld.lay. 1 1020.6 1048.6
## + Wind.Direction.daily.mean..10.m.above.gnd. 1 1020.7 1048.7
## + Medium.Cloud.Cover.daily.max..mid.cld.lay. 1 1020.9 1048.9
## + High.Cloud.Cover.daily.mean..high.cld.lay. 1 1021.0 1049.0
## + Snowfall.amount.raw.daily.sum..sfc. 1 1021.0 1049.0
## + Wind.Speed.daily.max..900.mb. 1 1021.0 1049.0
## + Wind.Speed.daily.min..900.mb. 1 1021.2 1049.2
## + Wind.Gust.daily.mean..sfc. 1 1021.2 1049.2
## + Wind.Gust.daily.min..sfc. 1 1021.3 1049.3
## + Temperature.daily.min..2.m.above.gnd. 1 1021.4 1049.4
## + Relative.Humidity.daily.min..2.m.above.gnd. 1 1021.5 1049.5
## + Total.Cloud.Cover.daily.mean..sfc. 1 1021.5 1049.5
## + Low.Cloud.Cover.daily.mean..low.cld.lay. 1 1021.5 1049.5
## + Sunshine.Duration.daily.sum..sfc. 1 1021.5 1049.5
## + High.Cloud.Cover.daily.min..high.cld.lay. 1 1021.5 1049.5
## + Wind.Speed.daily.mean..10.m.above.gnd. 1 1021.5 1049.5
## + Low.Cloud.Cover.daily.min..low.cld.lay. 1 1021.6 1049.6
## + Wind.Speed.daily.mean..900.mb. 1 1021.6 1049.6
## + Mean.Sea.Level.Pressure.daily.max..MSL. 1 1021.6 1049.6
## + Low.Cloud.Cover.daily.max..low.cld.lay. 1 1021.6 1049.6
##
## Step: AIC=1045.71
## pluie.demain ~ Mean.Sea.Level.Pressure.daily.min..MSL. + High.Cloud.Cover.daily.max..high.cld.lay. +
## Wind.Direction.daily.mean..900.mb. + Medium.Cloud.Cover.daily.mean..mid.cld.lay. +
## Shortwave.Radiation.daily.sum..sfc. + Wind.Gust.daily.max..sfc. +
## Total.Cloud.Cover.daily.min..sfc. + Year + Total.Cloud.Cover.daily.max..sfc. +
## Day + Wind.Speed.daily.mean..80.m.above.gnd. + Wind.Speed.daily.min..10.m.above.gnd. +
## Wind.Speed.daily.max..80.m.above.gnd.
##
##
## Df Deviance AIC
## + Temperature.daily.max..2.m.above.gnd. 1 1015.6 1045.6
## <none> 1017.7 1045.7
## + Total.Precipitation.daily.sum..sfc. 1 1016.0 1046.0
## + Relative.Humidity.daily.max..2.m.above.gnd. 1 1016.2 1046.2
## + Temperature.daily.mean..2.m.above.gnd. 1 1016.6 1046.6
## + Snowfall.amount.raw.daily.sum..sfc. 1 1016.6 1046.6
## + X 1 1016.7 1046.7
## + Month 1 1016.7 1046.7
## + Medium.Cloud.Cover.daily.min..mid.cld.lay. 1 1016.7 1046.7
## + Wind.Direction.daily.mean..80.m.above.gnd. 1 1016.8 1046.8
## + Mean.Sea.Level.Pressure.daily.mean..MSL. 1 1016.8 1046.8
## + Relative.Humidity.daily.mean..2.m.above.gnd. 1 1017.0 1047.0
## + Wind.Direction.daily.mean..10.m.above.gnd. 1 1017.0 1047.0
## + Medium.Cloud.Cover.daily.max..mid.cld.lay. 1 1017.2 1047.2
## + High.Cloud.Cover.daily.mean..high.cld.lay. 1 1017.3 1047.3
## + Wind.Speed.daily.max..900.mb. 1 1017.4 1047.4
## + Wind.Speed.daily.min..80.m.above.gnd. 1 1017.4 1047.4
## + Total.Cloud.Cover.daily.mean..sfc. 1 1017.4 1047.4
## + Temperature.daily.min..2.m.above.gnd. 1 1017.5 1047.5
## + Wind.Speed.daily.max..10.m.above.gnd. 1 1017.5 1047.5

```

```

## + Low.Cloud.Cover.daily.mean..low.cld.lay.      1  1017.5 1047.5
## + Wind.Speed.daily.mean..900.mb.                 1  1017.6 1047.6
## + Relative.Humidity.daily.min..2.m.above.gnd.    1  1017.6 1047.6
## + High.Cloud.Cover.daily.min..high.cld.lay.      1  1017.6 1047.6
## + Wind.Gust.daily.min..sfc.                      1  1017.7 1047.7
## + Wind.Gust.daily.mean..sfc.                     1  1017.7 1047.7
## + Wind.Speed.daily.min..900.mb.                  1  1017.7 1047.7
## + Mean.Sea.Level.Pressure.daily.max..MSL.         1  1017.7 1047.7
## + Low.Cloud.Cover.daily.min..low.cld.lay.        1  1017.7 1047.7
## + Sunshine.Duration.daily.sum..sfc.              1  1017.7 1047.7
## + Low.Cloud.Cover.daily.max..low.cld.lay.        1  1017.7 1047.7
## + Wind.Speed.daily.mean..10.m.above.gnd.         1  1017.7 1047.7
##
## Step:  AIC=1045.63
## pluie.demain ~ Mean.Sea.Level.Pressure.daily.min..MSL. + High.Cloud.Cover.daily.max..high.cld.lay. +
##      Wind.Direction.daily.mean..900.mb. + Medium.Cloud.Cover.daily.mean..mid.cld.lay. +
##      Shortwave.Radiation.daily.sum..sfc. + Wind.Gust.daily.max..sfc. +
##      Total.Cloud.Cover.daily.min..sfc. + Year + Total.Cloud.Cover.daily.max..sfc. +
##      Day + Wind.Speed.daily.mean..80.m.above.gnd. + Wind.Speed.daily.min..10.m.above.gnd. +
##      Wind.Speed.daily.max..80.m.above.gnd. + Temperature.daily.max..2.m.above.gnd.
##
##                                     Df Deviance    AIC
## + Month                             1   1012.5 1044.5
## + X                                 1   1012.6 1044.6
## + Temperature.daily.min..2.m.above.gnd. 1   1013.0 1045.0
## <none>                                1   1015.6 1045.6
## + Relative.Humidity.daily.max..2.m.above.gnd. 1   1013.9 1045.9
## + Temperature.daily.mean..2.m.above.gnd. 1   1014.1 1046.1
## + Mean.Sea.Level.Pressure.daily.mean..MSL. 1   1014.1 1046.1
## + Total.Precipitation.daily.sum..sfc. 1   1014.4 1046.4
## + Medium.Cloud.Cover.daily.min..mid.cld.lay. 1   1014.6 1046.6
## + Relative.Humidity.daily.mean..2.m.above.gnd. 1   1014.7 1046.7
## + High.Cloud.Cover.daily.mean..high.cld.lay. 1   1014.8 1046.8
## + Snowfall.amount.raw.daily.sum..sfc. 1   1015.0 1047.0
## + Wind.Direction.daily.mean..80.m.above.gnd. 1   1015.0 1047.0
## + Medium.Cloud.Cover.daily.max..mid.cld.lay. 1   1015.1 1047.1
## + Wind.Speed.daily.max..10.m.above.gnd. 1   1015.1 1047.1
## + Wind.Direction.daily.mean..10.m.above.gnd. 1   1015.2 1047.2
## + Total.Cloud.Cover.daily.mean..sfc. 1   1015.2 1047.2
## + Wind.Speed.daily.min..80.m.above.gnd. 1   1015.3 1047.3
## + Low.Cloud.Cover.daily.mean..low.cld.lay. 1   1015.4 1047.4
## + Wind.Speed.daily.max..900.mb. 1   1015.4 1047.4
## + Relative.Humidity.daily.min..2.m.above.gnd. 1   1015.5 1047.5
## + Wind.Speed.daily.mean..10.m.above.gnd. 1   1015.5 1047.5
## + Wind.Speed.daily.min..900.mb. 1   1015.5 1047.5
## + Wind.Speed.daily.mean..900.mb. 1   1015.6 1047.6
## + Wind.Gust.daily.min..sfc. 1   1015.6 1047.6
## + High.Cloud.Cover.daily.min..high.cld.lay. 1   1015.6 1047.6
## + Low.Cloud.Cover.daily.max..low.cld.lay. 1   1015.6 1047.6
## + Low.Cloud.Cover.daily.min..low.cld.lay. 1   1015.6 1047.6
## + Wind.Gust.daily.mean..sfc. 1   1015.6 1047.6
## + Mean.Sea.Level.Pressure.daily.max..MSL. 1   1015.6 1047.6
## + Sunshine.Duration.daily.sum..sfc. 1   1015.6 1047.6
##

```

```

## Step: AIC=1044.55
## pluie.demain ~ Mean.Sea.Level.Pressure.daily.min..MSL. + High.Cloud.Cover.daily.max..high.cld.lay. +
## Wind.Direction.daily.mean..900.mb. + Medium.Cloud.Cover.daily.mean..mid.cld.lay. +
## Shortwave.Radiation.daily.sum..sfc. + Wind.Gust.daily.max..sfc. +
## Total.Cloud.Cover.daily.min..sfc. + Year + Total.Cloud.Cover.daily.max..sfc. +
## Day + Wind.Speed.daily.mean..80.m.above.gnd. + Wind.Speed.daily.min..10.m.above.gnd. +
## Wind.Speed.daily.max..80.m.above.gnd. + Temperature.daily.max..2.m.above.gnd. +
## Month
##
##
## Df Deviance AIC
## + Temperature.daily.min..2.m.above.gnd. 1 1010.5 1044.5
## <none> 1012.5 1044.5
## + Mean.Sea.Level.Pressure.daily.mean..MSL. 1 1010.8 1044.8
## + Relative.Humidity.daily.max..2.m.above.gnd. 1 1010.8 1044.8
## + Medium.Cloud.Cover.daily.min..mid.cld.lay. 1 1011.4 1045.4
## + Relative.Humidity.daily.mean..2.m.above.gnd. 1 1011.4 1045.4
## + Temperature.daily.mean..2.m.above.gnd. 1 1011.4 1045.4
## + Total.Precipitation.daily.sum..sfc. 1 1011.5 1045.5
## + High.Cloud.Cover.daily.mean..high.cld.lay. 1 1011.5 1045.5
## + Medium.Cloud.Cover.daily.max..mid.cld.lay. 1 1011.9 1045.9
## + Wind.Direction.daily.mean..80.m.above.gnd. 1 1012.0 1046.0
## + Wind.Speed.daily.max..10.m.above.gnd. 1 1012.1 1046.1
## + Snowfall.amount.raw.daily.sum..sfc. 1 1012.1 1046.1
## + Wind.Direction.daily.mean..10.m.above.gnd. 1 1012.1 1046.2
## + Relative.Humidity.daily.min..2.m.above.gnd. 1 1012.2 1046.2
## + Total.Cloud.Cover.daily.mean..sfc. 1 1012.2 1046.2
## + Wind.Speed.daily.min..80.m.above.gnd. 1 1012.3 1046.3
## + Low.Cloud.Cover.daily.mean..low.cld.lay. 1 1012.4 1046.4
## + Wind.Speed.daily.min..900.mb. 1 1012.4 1046.4
## + Wind.Speed.daily.max..900.mb. 1 1012.4 1046.4
## + Wind.Gust.daily.min..sfc. 1 1012.5 1046.5
## + Wind.Speed.daily.mean..10.m.above.gnd. 1 1012.5 1046.5
## + Mean.Sea.Level.Pressure.daily.max..MSL. 1 1012.5 1046.5
## + X 1 1012.5 1046.5
## + Low.Cloud.Cover.daily.max..low.cld.lay. 1 1012.5 1046.5
## + Sunshine.Duration.daily.sum..sfc. 1 1012.5 1046.5
## + Wind.Speed.daily.mean..900.mb. 1 1012.5 1046.5
## + Wind.Gust.daily.mean..sfc. 1 1012.5 1046.5
## + High.Cloud.Cover.daily.min..high.cld.lay. 1 1012.5 1046.5
## + Low.Cloud.Cover.daily.min..low.cld.lay. 1 1012.5 1046.5
##
## Step: AIC=1044.47
## pluie.demain ~ Mean.Sea.Level.Pressure.daily.min..MSL. + High.Cloud.Cover.daily.max..high.cld.lay. +
## Wind.Direction.daily.mean..900.mb. + Medium.Cloud.Cover.daily.mean..mid.cld.lay. +
## Shortwave.Radiation.daily.sum..sfc. + Wind.Gust.daily.max..sfc. +
## Total.Cloud.Cover.daily.min..sfc. + Year + Total.Cloud.Cover.daily.max..sfc. +
## Day + Wind.Speed.daily.mean..80.m.above.gnd. + Wind.Speed.daily.min..10.m.above.gnd. +
## Wind.Speed.daily.max..80.m.above.gnd. + Temperature.daily.max..2.m.above.gnd. +
## Month + Temperature.daily.min..2.m.above.gnd.
##
##
## Df Deviance AIC
## + Relative.Humidity.daily.mean..2.m.above.gnd. 1 1008.4 1044.4
## <none> 1010.5 1044.5
## + Total.Precipitation.daily.sum..sfc. 1 1008.8 1044.8

```

```

## + Relative.Humidity.daily.max..2.m.above.gnd.      1    1008.8 1044.8
## + Relative.Humidity.daily.min..2.m.above.gnd.      1    1009.0 1045.0
## + High.Cloud.Cover.daily.mean..high.cld.lay.      1    1009.2 1045.2
## + Medium.Cloud.Cover.daily.min..mid.cld.lay.      1    1009.3 1045.3
## + Mean.Sea.Level.Pressure.daily.mean..MSL.        1    1009.3 1045.3
## + Total.Cloud.Cover.daily.mean..sfc.              1    1009.4 1045.4
## + Low.Cloud.Cover.daily.mean..low.cld.lay.        1    1009.6 1045.6
## + Wind.Speed.daily.max..10.m.above.gnd.           1    1009.7 1045.7
## + Medium.Cloud.Cover.daily.max..mid.cld.lay.      1    1009.8 1045.8
## + Snowfall.amount.raw.daily.sum..sfc.             1    1009.9 1045.9
## + Wind.Speed.daily.mean..10.m.above.gnd.          1    1010.2 1046.2
## + Temperature.daily.mean..2.m.above.gnd.          1    1010.2 1046.2
## + Low.Cloud.Cover.daily.max..low.cld.lay.         1    1010.2 1046.2
## + Wind.Speed.daily.min..80.m.above.gnd.           1    1010.4 1046.4
## + Wind.Speed.daily.min..900.mb.                   1    1010.4 1046.4
## + X                                                  1    1010.4 1046.4
## + Wind.Direction.daily.mean..80.m.above.gnd.      1    1010.4 1046.4
## + Wind.Gust.daily.min..sfc.                        1    1010.4 1046.4
## + Wind.Speed.daily.max..900.mb.                   1    1010.5 1046.5
## + Wind.Gust.daily.mean..sfc.                      1    1010.5 1046.5
## + Wind.Direction.daily.mean..10.m.above.gnd.      1    1010.5 1046.5
## + Low.Cloud.Cover.daily.min..low.cld.lay.         1    1010.5 1046.5
## + High.Cloud.Cover.daily.min..high.cld.lay.       1    1010.5 1046.5
## + Mean.Sea.Level.Pressure.daily.max..MSL.         1    1010.5 1046.5
## + Wind.Speed.daily.mean..900.mb.                   1    1010.5 1046.5
## + Sunshine.Duration.daily.sum..sfc.               1    1010.5 1046.5
##
## Step:  AIC=1044.4
## plue.demain ~ Mean.Sea.Level.Pressure.daily.min..MSL. + High.Cloud.Cover.daily.max..high.cld.lay. +
##      Wind.Direction.daily.mean..900.mb. + Medium.Cloud.Cover.daily.mean..mid.cld.lay. +
##      Shortwave.Radiation.daily.sum..sfc. + Wind.Gust.daily.max..sfc. +
##      Total.Cloud.Cover.daily.min..sfc. + Year + Total.Cloud.Cover.daily.max..sfc. +
##      Day + Wind.Speed.daily.mean..80.m.above.gnd. + Wind.Speed.daily.min..10.m.above.gnd. +
##      Wind.Speed.daily.max..80.m.above.gnd. + Temperature.daily.max..2.m.above.gnd. +
##      Month + Temperature.daily.min..2.m.above.gnd. + Relative.Humidity.daily.mean..2.m.above.gnd.
##
##                                     Df Deviance    AIC
## <none>                                1008.4 1044.4
## + High.Cloud.Cover.daily.mean..high.cld.lay.      1    1007.2 1045.2
## + Mean.Sea.Level.Pressure.daily.mean..MSL.        1    1007.4 1045.4
## + Medium.Cloud.Cover.daily.min..mid.cld.lay.      1    1007.4 1045.4
## + Total.Precipitation.daily.sum..sfc.             1    1007.5 1045.5
## + Medium.Cloud.Cover.daily.max..mid.cld.lay.      1    1007.5 1045.5
## + Wind.Speed.daily.max..10.m.above.gnd.           1    1007.6 1045.6
## + Snowfall.amount.raw.daily.sum..sfc.             1    1007.6 1045.6
## + Total.Cloud.Cover.daily.mean..sfc.              1    1007.8 1045.8
## + Wind.Direction.daily.mean..80.m.above.gnd.      1    1008.0 1046.0
## + Low.Cloud.Cover.daily.mean..low.cld.lay.        1    1008.1 1046.1
## + Temperature.daily.mean..2.m.above.gnd.          1    1008.1 1046.1
## + Wind.Speed.daily.mean..10.m.above.gnd.          1    1008.1 1046.1
## + Wind.Direction.daily.mean..10.m.above.gnd.      1    1008.2 1046.2
## + Wind.Speed.daily.min..80.m.above.gnd.           1    1008.2 1046.2
## + X                                                  1    1008.3 1046.3
## + Wind.Gust.daily.mean..sfc.                      1    1008.3 1046.3

```

```
## + Low.Cloud.Cover.daily.max..low.cld.lay.      1  1008.3 1046.3
## + Relative.Humidity.daily.max..2.m.above.gnd.   1  1008.3 1046.3
## + Wind.Speed.daily.max..900.mb.                 1  1008.3 1046.3
## + Wind.Speed.daily.mean..900.mb.                1  1008.4 1046.4
## + High.Cloud.Cover.daily.min..high.cld.lay.     1  1008.4 1046.4
## + Wind.Gust.daily.min..sfc.                     1  1008.4 1046.4
## + Sunshine.Duration.daily.sum..sfc.             1  1008.4 1046.4
## + Wind.Speed.daily.min..900.mb.                 1  1008.4 1046.4
## + Mean.Sea.Level.Pressure.daily.max..MSL.        1  1008.4 1046.4
## + Relative.Humidity.daily.min..2.m.above.gnd.    1  1008.4 1046.4
## + Low.Cloud.Cover.daily.min..low.cld.lay.       1  1008.4 1046.4
```

```
summary(final_model1)
```

```
##
## Call:
## glm(formula = pluie.demain ~ Mean.Sea.Level.Pressure.daily.min..MSL. +
##   High.Cloud.Cover.daily.max..high.cld.lay. + Wind.Direction.daily.mean..900.mb. +
##   Medium.Cloud.Cover.daily.mean..mid.cld.lay. + Shortwave.Radiation.daily.sum..sfc. +
##   Wind.Gust.daily.max..sfc. + Total.Cloud.Cover.daily.min..sfc. +
##   Year + Total.Cloud.Cover.daily.max..sfc. + Day + Wind.Speed.daily.mean..80.m.above.gnd. +
##   Wind.Speed.daily.min..10.m.above.gnd. + Wind.Speed.daily.max..80.m.above.gnd. +
##   Temperature.daily.max..2.m.above.gnd. + Month + Temperature.daily.min..2.m.above.gnd. +
##   Relative.Humidity.daily.mean..2.m.above.gnd., family = "binomial",
##   data = d_train)
##
## Deviance Residuals:
##      Min       1Q   Median       3Q      Max
## -2.5691  -0.8776   0.1777   0.8384   2.7890
##
## Coefficients:
##                                Estimate Std. Error z value
## (Intercept)                  -8.995e+01  7.315e+01  -1.230
## Mean.Sea.Level.Pressure.daily.min..MSL.  -6.942e-02  1.225e-02  -5.667
## High.Cloud.Cover.daily.max..high.cld.lay.   6.139e-03  2.307e-03   2.661
## Wind.Direction.daily.mean..900.mb.          3.974e-03  1.210e-03   3.285
## Medium.Cloud.Cover.daily.mean..mid.cld.lay.  1.027e-02  4.395e-03   2.337
## Shortwave.Radiation.daily.sum..sfc.         7.472e-05  7.649e-05   0.977
## Wind.Gust.daily.max..sfc.                   3.000e-02  1.197e-02   2.506
## Total.Cloud.Cover.daily.min..sfc.           1.159e-02  4.615e-03   2.512
## Year                                7.683e-02  3.589e-02   2.141
## Total.Cloud.Cover.daily.max..sfc.           7.992e-03  3.374e-03   2.369
## Day                                1.756e-02  9.119e-03   1.925
## Wind.Speed.daily.mean..80.m.above.gnd.      -9.771e-02  3.373e-02  -2.897
## Wind.Speed.daily.min..10.m.above.gnd.        1.014e-01  4.113e-02   2.466
## Wind.Speed.daily.max..80.m.above.gnd.        3.531e-02  2.195e-02   1.609
## Temperature.daily.max..2.m.above.gnd.       9.913e-02  3.905e-02   2.539
## Month                                -4.384e-02  2.727e-02  -1.608
## Temperature.daily.min..2.m.above.gnd.      -6.744e-02  3.887e-02  -1.735
## Relative.Humidity.daily.mean..2.m.above.gnd.  1.697e-02  1.181e-02   1.437
##
##                                Pr(>|z|)
## (Intercept)                   0.21884
## Mean.Sea.Level.Pressure.daily.min..MSL.    1.45e-08 ***
## High.Cloud.Cover.daily.max..high.cld.lay.   0.00779 **
```

```
## Wind.Direction.daily.mean..900.mb.          0.00102 **
## Medium.Cloud.Cover.daily.mean..mid.cld.lay.  0.01946 *
## Shortwave.Radiation.daily.sum..sfc.          0.32867
## Wind.Gust.daily.max..sfc.                    0.01221 *
## Total.Cloud.Cover.daily.min..sfc.            0.01200 *
## Year                                          0.03231 *
## Total.Cloud.Cover.daily.max..sfc.            0.01786 *
## Day                                          0.05417 .
## Wind.Speed.daily.mean..80.m.above.gnd.       0.00377 **
## Wind.Speed.daily.min..10.m.above.gnd.        0.01367 *
## Wind.Speed.daily.max..80.m.above.gnd.        0.10771
## Temperature.daily.max..2.m.above.gnd.        0.01113 *
## Month                                         0.10791
## Temperature.daily.min..2.m.above.gnd.        0.08273 .
## Relative.Humidity.daily.mean..2.m.above.gnd. 0.15082
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for binomial family taken to be 1)
##
##      Null deviance: 1319.7  on 951  degrees of freedom
## Residual deviance: 1008.4  on 934  degrees of freedom
## AIC: 1044.4
##
## Number of Fisher Scoring iterations: 4
```

Interprétation:

Les mêmes variables significatives sont obtenues par la fonction glm et par step glm direction = backward. Cependant, il y a d'autres variables qui sont apparues dans ce cas

```
final_model2 <- step(full_model, direction = "backward", scope = list(upper = full_model, lower = null_model))
```

```
## Start:  AIC=1077.99
## pluie.demain ~ X + Year + Month + Day + Temperature.daily.mean..2.m.above.gnd. +
##   Relative.Humidity.daily.mean..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.mean..MSL. +
##   Total.Precipitation.daily.sum..sfc. + Snowfall.amount.raw.daily.sum..sfc. +
##   Total.Cloud.Cover.daily.mean..sfc. + High.Cloud.Cover.daily.mean..high.cld.lay. +
##   Medium.Cloud.Cover.daily.mean..mid.cld.lay. + Low.Cloud.Cover.daily.mean..low.cld.lay. +
##   Sunshine.Duration.daily.sum..sfc. + Shortwave.Radiation.daily.sum..sfc. +
##   Wind.Speed.daily.mean..10.m.above.gnd. + Wind.Direction.daily.mean..10.m.above.gnd. +
##   Wind.Speed.daily.mean..80.m.above.gnd. + Wind.Direction.daily.mean..80.m.above.gnd. +
##   Wind.Speed.daily.mean..900.mb. + Wind.Direction.daily.mean..900.mb. +
##   Wind.Gust.daily.mean..sfc. + Temperature.daily.max..2.m.above.gnd. +
##   Temperature.daily.min..2.m.above.gnd. + Relative.Humidity.daily.max..2.m.above.gnd. +
##   Relative.Humidity.daily.min..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.max..MSL. +
##   Mean.Sea.Level.Pressure.daily.min..MSL. + Total.Cloud.Cover.daily.max..sfc. +
##   Total.Cloud.Cover.daily.min..sfc. + High.Cloud.Cover.daily.max..high.cld.lay. +
##   High.Cloud.Cover.daily.min..high.cld.lay. + Medium.Cloud.Cover.daily.max..mid.cld.lay. +
##   Medium.Cloud.Cover.daily.min..mid.cld.lay. + Low.Cloud.Cover.daily.max..low.cld.lay. +
##   Low.Cloud.Cover.daily.min..low.cld.lay. + Wind.Speed.daily.max..10.m.above.gnd. +
##   Wind.Speed.daily.min..10.m.above.gnd. + Wind.Speed.daily.max..80.m.above.gnd. +
```



```

## Wind.Speed.daily.min..80.m.above.gnd. + Wind.Speed.daily.max..900.mb. +
## Wind.Speed.daily.min..900.mb. + Wind.Gust.daily.max..sfc. +
## Wind.Gust.daily.min..sfc.
##
##
## Df Deviance AIC
## - Wind.Gust.daily.min..sfc. 1 987.99 1076.0
## - Relative.Humidity.daily.max..2.m.above.gnd. 1 987.99 1076.0
## - Day 1 988.00 1076.0
## - Relative.Humidity.daily.min..2.m.above.gnd. 1 988.00 1076.0
## - Temperature.daily.max..2.m.above.gnd. 1 988.02 1076.0
## - Low.Cloud.Cover.daily.min..low.cld.lay. 1 988.02 1076.0
## - Shortwave.Radiation.daily.sum..sfc. 1 988.03 1076.0
## - Wind.Gust.daily.mean..sfc. 1 988.03 1076.0
## - Wind.Speed.daily.mean..10.m.above.gnd. 1 988.04 1076.0
## - Wind.Direction.daily.mean..10.m.above.gnd. 1 988.04 1076.0
## - Year 1 988.04 1076.0
## - X 1 988.04 1076.0
## - Month 1 988.05 1076.0
## - Relative.Humidity.daily.mean..2.m.above.gnd. 1 988.05 1076.0
## - Wind.Speed.daily.min..900.mb. 1 988.07 1076.1
## - Low.Cloud.Cover.daily.max..low.cld.lay. 1 988.16 1076.2
## - Wind.Speed.daily.mean..900.mb. 1 988.16 1076.2
## - Wind.Direction.daily.mean..80.m.above.gnd. 1 988.20 1076.2
## - Wind.Speed.daily.max..900.mb. 1 988.22 1076.2
## - Wind.Speed.daily.min..80.m.above.gnd. 1 988.28 1076.3
## - Medium.Cloud.Cover.daily.max..mid.cld.lay. 1 988.29 1076.3
## - Wind.Speed.daily.max..80.m.above.gnd. 1 988.38 1076.4
## - Low.Cloud.Cover.daily.mean..low.cld.lay. 1 988.42 1076.4
## - Sunshine.Duration.daily.sum..sfc. 1 988.50 1076.5
## - Total.Cloud.Cover.daily.max..sfc. 1 988.72 1076.7
## - Snowfall.amount.raw.daily.sum..sfc. 1 988.87 1076.9
## - Temperature.daily.mean..2.m.above.gnd. 1 988.89 1076.9
## - Wind.Gust.daily.max..sfc. 1 988.94 1076.9
## - Total.Cloud.Cover.daily.mean..sfc. 1 989.07 1077.1
## - High.Cloud.Cover.daily.min..high.cld.lay. 1 989.08 1077.1
## - Medium.Cloud.Cover.daily.min..mid.cld.lay. 1 989.10 1077.1
## - Wind.Speed.daily.max..10.m.above.gnd. 1 989.12 1077.1
## - Medium.Cloud.Cover.daily.mean..mid.cld.lay. 1 989.36 1077.4
## - High.Cloud.Cover.daily.mean..high.cld.lay. 1 989.42 1077.4
## - Wind.Speed.daily.mean..80.m.above.gnd. 1 989.55 1077.5
## - Total.Precipitation.daily.sum..sfc. 1 989.70 1077.7
## <none> 987.99 1078.0
## - Temperature.daily.min..2.m.above.gnd. 1 990.88 1078.9
## - Total.Cloud.Cover.daily.min..sfc. 1 990.94 1078.9
## - Wind.Speed.daily.min..10.m.above.gnd. 1 991.55 1079.5
## - High.Cloud.Cover.daily.max..high.cld.lay. 1 993.21 1081.2
## - Wind.Direction.daily.mean..900.mb. 1 994.69 1082.7
## - Mean.Sea.Level.Pressure.daily.max..MSL. 1 997.33 1085.3
## - Mean.Sea.Level.Pressure.daily.mean..MSL. 1 998.82 1086.8
## - Mean.Sea.Level.Pressure.daily.min..MSL. 1 1003.80 1091.8
##
## Step: AIC=1075.99
## pluie.demain ~ X + Year + Month + Day + Temperature.daily.mean..2.m.above.gnd. +
## Relative.Humidity.daily.mean..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.mean..MSL. +

```

```

## Total.Precipitation.daily.sum..sfc. + Snowfall.amount.raw.daily.sum..sfc. +
## Total.Cloud.Cover.daily.mean..sfc. + High.Cloud.Cover.daily.mean..high.cld.lay. +
## Medium.Cloud.Cover.daily.mean..mid.cld.lay. + Low.Cloud.Cover.daily.mean..low.cld.lay. +
## Sunshine.Duration.daily.sum..sfc. + Shortwave.Radiation.daily.sum..sfc. +
## Wind.Speed.daily.mean..10.m.above.gnd. + Wind.Direction.daily.mean..10.m.above.gnd. +
## Wind.Speed.daily.mean..80.m.above.gnd. + Wind.Direction.daily.mean..80.m.above.gnd. +
## Wind.Speed.daily.mean..900.mb. + Wind.Direction.daily.mean..900.mb. +
## Wind.Gust.daily.mean..sfc. + Temperature.daily.max..2.m.above.gnd. +
## Temperature.daily.min..2.m.above.gnd. + Relative.Humidity.daily.max..2.m.above.gnd. +
## Relative.Humidity.daily.min..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.max..MSL. +
## Mean.Sea.Level.Pressure.daily.min..MSL. + Total.Cloud.Cover.daily.max..sfc. +
## Total.Cloud.Cover.daily.min..sfc. + High.Cloud.Cover.daily.max..high.cld.lay. +
## High.Cloud.Cover.daily.min..high.cld.lay. + Medium.Cloud.Cover.daily.max..mid.cld.lay. +
## Medium.Cloud.Cover.daily.min..mid.cld.lay. + Low.Cloud.Cover.daily.max..low.cld.lay. +
## Low.Cloud.Cover.daily.min..low.cld.lay. + Wind.Speed.daily.max..10.m.above.gnd. +
## Wind.Speed.daily.min..10.m.above.gnd. + Wind.Speed.daily.max..80.m.above.gnd. +
## Wind.Speed.daily.min..80.m.above.gnd. + Wind.Speed.daily.max..900.mb. +
## Wind.Speed.daily.min..900.mb. + Wind.Gust.daily.max..sfc.
##
##
## Df Deviance AIC
## - Relative.Humidity.daily.max..2.m.above.gnd. 1 987.99 1074.0
## - Day 1 988.00 1074.0
## - Relative.Humidity.daily.min..2.m.above.gnd. 1 988.00 1074.0
## - Temperature.daily.max..2.m.above.gnd. 1 988.02 1074.0
## - Low.Cloud.Cover.daily.min..low.cld.lay. 1 988.02 1074.0
## - Shortwave.Radiation.daily.sum..sfc. 1 988.03 1074.0
## - Wind.Gust.daily.mean..sfc. 1 988.03 1074.0
## - Wind.Speed.daily.mean..10.m.above.gnd. 1 988.04 1074.0
## - Wind.Direction.daily.mean..10.m.above.gnd. 1 988.04 1074.0
## - Year 1 988.04 1074.0
## - X 1 988.04 1074.0
## - Month 1 988.05 1074.0
## - Relative.Humidity.daily.mean..2.m.above.gnd. 1 988.05 1074.0
## - Wind.Speed.daily.min..900.mb. 1 988.08 1074.1
## - Low.Cloud.Cover.daily.max..low.cld.lay. 1 988.16 1074.2
## - Wind.Speed.daily.mean..900.mb. 1 988.17 1074.2
## - Wind.Direction.daily.mean..80.m.above.gnd. 1 988.20 1074.2
## - Wind.Speed.daily.max..900.mb. 1 988.23 1074.2
## - Wind.Speed.daily.min..80.m.above.gnd. 1 988.29 1074.3
## - Medium.Cloud.Cover.daily.max..mid.cld.lay. 1 988.29 1074.3
## - Wind.Speed.daily.max..80.m.above.gnd. 1 988.38 1074.4
## - Low.Cloud.Cover.daily.mean..low.cld.lay. 1 988.43 1074.4
## - Sunshine.Duration.daily.sum..sfc. 1 988.50 1074.5
## - Total.Cloud.Cover.daily.max..sfc. 1 988.72 1074.7
## - Snowfall.amount.raw.daily.sum..sfc. 1 988.87 1074.9
## - Temperature.daily.mean..2.m.above.gnd. 1 988.89 1074.9
## - Wind.Gust.daily.max..sfc. 1 989.04 1075.0
## - Total.Cloud.Cover.daily.mean..sfc. 1 989.07 1075.1
## - High.Cloud.Cover.daily.min..high.cld.lay. 1 989.08 1075.1
## - Medium.Cloud.Cover.daily.min..mid.cld.lay. 1 989.10 1075.1
## - Wind.Speed.daily.max..10.m.above.gnd. 1 989.12 1075.1
## - Medium.Cloud.Cover.daily.mean..mid.cld.lay. 1 989.36 1075.4
## - High.Cloud.Cover.daily.mean..high.cld.lay. 1 989.42 1075.4
## - Wind.Speed.daily.mean..80.m.above.gnd. 1 989.56 1075.6

```

```

## - Total.Precipitation.daily.sum..sfc.          1  989.71 1075.7
## <none>                                           987.99 1076.0
## - Temperature.daily.min..2.m.above.gnd.        1  990.89 1076.9
## - Total.Cloud.Cover.daily.min..sfc.            1  990.94 1076.9
## - Wind.Speed.daily.min..10.m.above.gnd.         1  991.81 1077.8
## - High.Cloud.Cover.daily.max..high.cld.lay.     1  993.21 1079.2
## - Wind.Direction.daily.mean..900.mb.            1  994.71 1080.7
## - Mean.Sea.Level.Pressure.daily.max..MSL.        1  997.33 1083.3
## - Mean.Sea.Level.Pressure.daily.mean..MSL.       1  998.82 1084.8
## - Mean.Sea.Level.Pressure.daily.min..MSL.        1 1003.80 1089.8
##
## Step: AIC=1073.99
## pluie.demain ~ X + Year + Month + Day + Temperature.daily.mean..2.m.above.gnd. +
##   Relative.Humidity.daily.mean..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.mean..MSL. +
##   Total.Precipitation.daily.sum..sfc. + Snowfall.amount.raw.daily.sum..sfc. +
##   Total.Cloud.Cover.daily.mean..sfc. + High.Cloud.Cover.daily.mean..high.cld.lay. +
##   Medium.Cloud.Cover.daily.mean..mid.cld.lay. + Low.Cloud.Cover.daily.mean..low.cld.lay. +
##   Sunshine.Duration.daily.sum..sfc. + Shortwave.Radiation.daily.sum..sfc. +
##   Wind.Speed.daily.mean..10.m.above.gnd. + Wind.Direction.daily.mean..10.m.above.gnd. +
##   Wind.Speed.daily.mean..80.m.above.gnd. + Wind.Direction.daily.mean..80.m.above.gnd. +
##   Wind.Speed.daily.mean..900.mb. + Wind.Direction.daily.mean..900.mb. +
##   Wind.Gust.daily.mean..sfc. + Temperature.daily.max..2.m.above.gnd. +
##   Temperature.daily.min..2.m.above.gnd. + Relative.Humidity.daily.min..2.m.above.gnd. +
##   Mean.Sea.Level.Pressure.daily.max..MSL. + Mean.Sea.Level.Pressure.daily.min..MSL. +
##   Total.Cloud.Cover.daily.max..sfc. + Total.Cloud.Cover.daily.min..sfc. +
##   High.Cloud.Cover.daily.max..high.cld.lay. + High.Cloud.Cover.daily.min..high.cld.lay. +
##   Medium.Cloud.Cover.daily.max..mid.cld.lay. + Medium.Cloud.Cover.daily.min..mid.cld.lay. +
##   Low.Cloud.Cover.daily.max..low.cld.lay. + Low.Cloud.Cover.daily.min..low.cld.lay. +
##   Wind.Speed.daily.max..10.m.above.gnd. + Wind.Speed.daily.min..10.m.above.gnd. +
##   Wind.Speed.daily.max..80.m.above.gnd. + Wind.Speed.daily.min..80.m.above.gnd. +
##   Wind.Speed.daily.max..900.mb. + Wind.Speed.daily.min..900.mb. +
##   Wind.Gust.daily.max..sfc.
##
##
##                                     Df Deviance    AIC
## - Day                             1    988.00 1072.0
## - Relative.Humidity.daily.min..2.m.above.gnd. 1    988.00 1072.0
## - Temperature.daily.max..2.m.above.gnd.        1    988.02 1072.0
## - Low.Cloud.Cover.daily.min..low.cld.lay.       1    988.03 1072.0
## - Shortwave.Radiation.daily.sum..sfc.           1    988.03 1072.0
## - Wind.Gust.daily.mean..sfc.                    1    988.04 1072.0
## - Wind.Speed.daily.mean..10.m.above.gnd.         1    988.04 1072.0
## - Wind.Direction.daily.mean..10.m.above.gnd.     1    988.04 1072.0
## - Year                                           1    988.05 1072.0
## - X                                              1    988.05 1072.0
## - Month                                          1    988.05 1072.0
## - Wind.Speed.daily.min..900.mb.                  1    988.08 1072.1
## - Low.Cloud.Cover.daily.max..low.cld.lay.        1    988.17 1072.2
## - Wind.Speed.daily.mean..900.mb.                 1    988.17 1072.2
## - Wind.Direction.daily.mean..80.m.above.gnd.     1    988.20 1072.2
## - Relative.Humidity.daily.mean..2.m.above.gnd.   1    988.21 1072.2
## - Wind.Speed.daily.max..900.mb.                  1    988.23 1072.2
## - Medium.Cloud.Cover.daily.max..mid.cld.lay.     1    988.29 1072.3
## - Wind.Speed.daily.min..80.m.above.gnd.          1    988.30 1072.3
## - Wind.Speed.daily.max..80.m.above.gnd.          1    988.39 1072.4

```

```

## - Low.Cloud.Cover.daily.mean..low.cld.lay.      1  988.43 1072.4
## - Sunshine.Duration.daily.sum..sfc.              1  988.51 1072.5
## - Total.Cloud.Cover.daily.max..sfc.              1  988.73 1072.7
## - Snowfall.amount.raw.daily.sum..sfc.            1  988.88 1072.9
## - Temperature.daily.mean..2.m.above.gnd.         1  988.96 1073.0
## - Wind.Gust.daily.max..sfc.                      1  989.05 1073.0
## - Total.Cloud.Cover.daily.mean..sfc.             1  989.08 1073.1
## - High.Cloud.Cover.daily.min..high.cld.lay.      1  989.09 1073.1
## - Medium.Cloud.Cover.daily.min..mid.cld.lay.     1  989.11 1073.1
## - Wind.Speed.daily.max..10.m.above.gnd.          1  989.12 1073.1
## - Medium.Cloud.Cover.daily.mean..mid.cld.lay.    1  989.36 1073.4
## - High.Cloud.Cover.daily.mean..high.cld.lay.     1  989.42 1073.4
## - Wind.Speed.daily.mean..80.m.above.gnd.         1  989.56 1073.6
## - Total.Precipitation.daily.sum..sfc.            1  989.72 1073.7
## <none>                                           987.99 1074.0
## - Total.Cloud.Cover.daily.min..sfc.              1  990.95 1075.0
## - Temperature.daily.min..2.m.above.gnd.          1  991.21 1075.2
## - Wind.Speed.daily.min..10.m.above.gnd.          1  991.81 1075.8
## - High.Cloud.Cover.daily.max..high.cld.lay.      1  993.22 1077.2
## - Wind.Direction.daily.mean..900.mb.             1  994.72 1078.7
## - Mean.Sea.Level.Pressure.daily.max..MSL.         1  997.33 1081.3
## - Mean.Sea.Level.Pressure.daily.mean..MSL.       1  998.83 1082.8
## - Mean.Sea.Level.Pressure.daily.min..MSL.        1 1003.83 1087.8
##
## Step: AIC=1072
## pluie.demain ~ X + Year + Month + Temperature.daily.mean..2.m.above.gnd. +
##   Relative.Humidity.daily.mean..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.mean..MSL. +
##   Total.Precipitation.daily.sum..sfc. + Snowfall.amount.raw.daily.sum..sfc. +
##   Total.Cloud.Cover.daily.mean..sfc. + High.Cloud.Cover.daily.mean..high.cld.lay. +
##   Medium.Cloud.Cover.daily.mean..mid.cld.lay. + Low.Cloud.Cover.daily.mean..low.cld.lay. +
##   Sunshine.Duration.daily.sum..sfc. + Shortwave.Radiation.daily.sum..sfc. +
##   Wind.Speed.daily.mean..10.m.above.gnd. + Wind.Direction.daily.mean..10.m.above.gnd. +
##   Wind.Speed.daily.mean..80.m.above.gnd. + Wind.Direction.daily.mean..80.m.above.gnd. +
##   Wind.Speed.daily.mean..900.mb. + Wind.Direction.daily.mean..900.mb. +
##   Wind.Gust.daily.mean..sfc. + Temperature.daily.max..2.m.above.gnd. +
##   Temperature.daily.min..2.m.above.gnd. + Relative.Humidity.daily.min..2.m.above.gnd. +
##   Mean.Sea.Level.Pressure.daily.max..MSL. + Mean.Sea.Level.Pressure.daily.min..MSL. +
##   Total.Cloud.Cover.daily.max..sfc. + Total.Cloud.Cover.daily.min..sfc. +
##   High.Cloud.Cover.daily.max..high.cld.lay. + High.Cloud.Cover.daily.min..high.cld.lay. +
##   Medium.Cloud.Cover.daily.max..mid.cld.lay. + Medium.Cloud.Cover.daily.min..mid.cld.lay. +
##   Low.Cloud.Cover.daily.max..low.cld.lay. + Low.Cloud.Cover.daily.min..low.cld.lay. +
##   Wind.Speed.daily.max..10.m.above.gnd. + Wind.Speed.daily.min..10.m.above.gnd. +
##   Wind.Speed.daily.max..80.m.above.gnd. + Wind.Speed.daily.min..80.m.above.gnd. +
##   Wind.Speed.daily.max..900.mb. + Wind.Speed.daily.min..900.mb. +
##   Wind.Gust.daily.max..sfc.
##
##
##                                     Df Deviance    AIC
## - Relative.Humidity.daily.min..2.m.above.gnd.  1  988.02 1070.0
## - Temperature.daily.max..2.m.above.gnd.        1  988.03 1070.0
## - Shortwave.Radiation.daily.sum..sfc.          1  988.04 1070.0
## - Low.Cloud.Cover.daily.min..low.cld.lay.      1  988.04 1070.0
## - Wind.Gust.daily.mean..sfc.                   1  988.04 1070.0
## - Wind.Speed.daily.mean..10.m.above.gnd.        1  988.05 1070.0
## - Wind.Direction.daily.mean..10.m.above.gnd.    1  988.05 1070.0

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## - Wind.Speed.daily.min..900.mb. 1 988.09 1070.1
## - Low.Cloud.Cover.daily.max..low.cld.lay. 1 988.18 1070.2
## - Wind.Speed.daily.mean..900.mb. 1 988.18 1070.2
## - Wind.Direction.daily.mean..80.m.above.gnd. 1 988.21 1070.2
## - Relative.Humidity.daily.mean..2.m.above.gnd. 1 988.22 1070.2
## - Wind.Speed.daily.max..900.mb. 1 988.24 1070.2
## - Wind.Speed.daily.min..80.m.above.gnd. 1 988.30 1070.3
## - Medium.Cloud.Cover.daily.max..mid.cld.lay. 1 988.31 1070.3
## - Wind.Speed.daily.max..80.m.above.gnd. 1 988.40 1070.4
## - Low.Cloud.Cover.daily.mean..low.cld.lay. 1 988.46 1070.5
## - Sunshine.Duration.daily.sum..sfc. 1 988.54 1070.5
## - Total.Cloud.Cover.daily.max..sfc. 1 988.73 1070.7
## - Snowfall.amount.raw.daily.sum..sfc. 1 988.88 1070.9
## - Temperature.daily.mean..2.m.above.gnd. 1 988.96 1071.0
## - Wind.Gust.daily.max..sfc. 1 989.08 1071.1
## - High.Cloud.Cover.daily.min..high.cld.lay. 1 989.10 1071.1
## - Total.Cloud.Cover.daily.mean..sfc. 1 989.11 1071.1
## - Medium.Cloud.Cover.daily.min..mid.cld.lay. 1 989.12 1071.1
## - Wind.Speed.daily.max..10.m.above.gnd. 1 989.13 1071.1
## - Medium.Cloud.Cover.daily.mean..mid.cld.lay. 1 989.37 1071.4
## - High.Cloud.Cover.daily.mean..high.cld.lay. 1 989.44 1071.4
## - Wind.Speed.daily.mean..80.m.above.gnd. 1 989.59 1071.6
## - Total.Precipitation.daily.sum..sfc. 1 989.73 1071.7
## <none> 988.00 1072.0
## - Total.Cloud.Cover.daily.min..sfc. 1 990.96 1073.0
## - Temperature.daily.min..2.m.above.gnd. 1 991.21 1073.2
## - Year 1 991.70 1073.7
## - X 1 991.77 1073.8
## - Wind.Speed.daily.min..10.m.above.gnd. 1 991.81 1073.8
## - Month 1 992.29 1074.3
## - High.Cloud.Cover.daily.max..high.cld.lay. 1 993.22 1075.2
## - Wind.Direction.daily.mean..900.mb. 1 994.73 1076.7
## - Mean.Sea.Level.Pressure.daily.max..MSL. 1 997.47 1079.5
## - Mean.Sea.Level.Pressure.daily.mean..MSL. 1 998.92 1080.9
## - Mean.Sea.Level.Pressure.daily.min..MSL. 1 1003.88 1085.9
##
## Step: AIC=1070.02
## pluie.demain ~ X + Year + Month + Temperature.daily.mean..2.m.above.gnd. +
## Relative.Humidity.daily.mean..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.mean..MSL. +
## Total.Precipitation.daily.sum..sfc. + Snowfall.amount.raw.daily.sum..sfc. +
## Total.Cloud.Cover.daily.mean..sfc. + High.Cloud.Cover.daily.mean..high.cld.lay. +
## Medium.Cloud.Cover.daily.mean..mid.cld.lay. + Low.Cloud.Cover.daily.mean..low.cld.lay. +
## Sunshine.Duration.daily.sum..sfc. + Shortwave.Radiation.daily.sum..sfc. +
## Wind.Speed.daily.mean..10.m.above.gnd. + Wind.Direction.daily.mean..10.m.above.gnd. +
## Wind.Speed.daily.mean..80.m.above.gnd. + Wind.Direction.daily.mean..80.m.above.gnd. +
## Wind.Speed.daily.mean..900.mb. + Wind.Direction.daily.mean..900.mb. +
## Wind.Gust.daily.mean..sfc. + Temperature.daily.max..2.m.above.gnd. +
## Temperature.daily.min..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.max..MSL. +
## Mean.Sea.Level.Pressure.daily.min..MSL. + Total.Cloud.Cover.daily.max..sfc. +
## Total.Cloud.Cover.daily.min..sfc. + High.Cloud.Cover.daily.max..high.cld.lay. +
## High.Cloud.Cover.daily.min..high.cld.lay. + Medium.Cloud.Cover.daily.max..mid.cld.lay. +
## Medium.Cloud.Cover.daily.min..mid.cld.lay. + Low.Cloud.Cover.daily.max..low.cld.lay. +
## Low.Cloud.Cover.daily.min..low.cld.lay. + Wind.Speed.daily.max..10.m.above.gnd. +
## Wind.Speed.daily.min..10.m.above.gnd. + Wind.Speed.daily.max..80.m.above.gnd. +

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##      Wind.Speed.daily.min..80.m.above.gnd. + Wind.Speed.daily.max..900.mb. +
##      Wind.Speed.daily.min..900.mb. + Wind.Gust.daily.max..sfc.
##
##                                     Df Deviance      AIC
## - Temperature.daily.max..2.m.above.gnd.          1   988.03 1068.0
## - Shortwave.Radiation.daily.sum..sfc.             1   988.05 1068.0
## - Low.Cloud.Cover.daily.min..low.cld.lay.         1   988.05 1068.0
## - Wind.Gust.daily.mean..sfc.                      1   988.06 1068.1
## - Wind.Speed.daily.mean..10.m.above.gnd.          1   988.06 1068.1
## - Wind.Direction.daily.mean..10.m.above.gnd.      1   988.06 1068.1
## - Wind.Speed.daily.min..900.mb.                   1   988.11 1068.1
## - Low.Cloud.Cover.daily.max..low.cld.lay.         1   988.19 1068.2
## - Wind.Speed.daily.mean..900.mb.                  1   988.20 1068.2
## - Wind.Direction.daily.mean..80.m.above.gnd.      1   988.22 1068.2
## - Wind.Speed.daily.max..900.mb.                   1   988.26 1068.3
## - Wind.Speed.daily.min..80.m.above.gnd.           1   988.31 1068.3
## - Medium.Cloud.Cover.daily.max..mid.cld.lay.      1   988.32 1068.3
## - Wind.Speed.daily.max..80.m.above.gnd.           1   988.43 1068.4
## - Low.Cloud.Cover.daily.mean..low.cld.lay.        1   988.48 1068.5
## - Sunshine.Duration.daily.sum..sfc.               1   988.54 1068.5
## - Total.Cloud.Cover.daily.max..sfc.               1   988.75 1068.8
## - Snowfall.amount.raw.daily.sum..sfc.             1   988.89 1068.9
## - Relative.Humidity.daily.mean..2.m.above.gnd.    1   988.95 1069.0
## - Wind.Gust.daily.max..sfc.                       1   989.10 1069.1
## - High.Cloud.Cover.daily.min..high.cld.lay.       1   989.11 1069.1
## - Total.Cloud.Cover.daily.mean..sfc.              1   989.12 1069.1
## - Wind.Speed.daily.max..10.m.above.gnd.           1   989.14 1069.1
## - Medium.Cloud.Cover.daily.min..mid.cld.lay.      1   989.14 1069.1
## - Temperature.daily.mean..2.m.above.gnd.          1   989.14 1069.1
## - Medium.Cloud.Cover.daily.mean..mid.cld.lay.     1   989.39 1069.4
## - High.Cloud.Cover.daily.mean..high.cld.lay.      1   989.47 1069.5
## - Wind.Speed.daily.mean..80.m.above.gnd.          1   989.60 1069.6
## - Total.Precipitation.daily.sum..sfc.             1   989.73 1069.7
## <none>                                             988.02 1070.0
## - Total.Cloud.Cover.daily.min..sfc.              1   990.98 1071.0
## - Temperature.daily.min..2.m.above.gnd.           1   991.28 1071.3
## - Year                                             1   991.72 1071.7
## - X                                               1   991.80 1071.8
## - Wind.Speed.daily.min..10.m.above.gnd.           1   991.81 1071.8
## - Month                                           1   992.32 1072.3
## - High.Cloud.Cover.daily.max..high.cld.lay.       1   993.22 1073.2
## - Wind.Direction.daily.mean..900.mb.             1   994.74 1074.7
## - Mean.Sea.Level.Pressure.daily.max..MSL.         1   997.51 1077.5
## - Mean.Sea.Level.Pressure.daily.mean..MSL.        1   998.96 1079.0
## - Mean.Sea.Level.Pressure.daily.min..MSL.         1  1003.93 1083.9
##
## Step:  AIC=1068.03
## pluie.demain ~ X + Year + Month + Temperature.daily.mean..2.m.above.gnd. +
##      Relative.Humidity.daily.mean..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.mean..MSL. +
##      Total.Precipitation.daily.sum..sfc. + Snowfall.amount.raw.daily.sum..sfc. +
##      Total.Cloud.Cover.daily.mean..sfc. + High.Cloud.Cover.daily.mean..high.cld.lay. +
##      Medium.Cloud.Cover.daily.mean..mid.cld.lay. + Low.Cloud.Cover.daily.mean..low.cld.lay. +
##      Sunshine.Duration.daily.sum..sfc. + Shortwave.Radiation.daily.sum..sfc. +
##      Wind.Speed.daily.mean..10.m.above.gnd. + Wind.Direction.daily.mean..10.m.above.gnd. +

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## Wind.Speed.daily.mean..80.m.above.gnd. + Wind.Direction.daily.mean..80.m.above.gnd. +
## Wind.Speed.daily.mean..900.mb. + Wind.Direction.daily.mean..900.mb. +
## Wind.Gust.daily.mean..sfc. + Temperature.daily.min..2.m.above.gnd. +
## Mean.Sea.Level.Pressure.daily.max..MSL. + Mean.Sea.Level.Pressure.daily.min..MSL. +
## Total.Cloud.Cover.daily.max..sfc. + Total.Cloud.Cover.daily.min..sfc. +
## High.Cloud.Cover.daily.max..high.cld.lay. + High.Cloud.Cover.daily.min..high.cld.lay. +
## Medium.Cloud.Cover.daily.max..mid.cld.lay. + Medium.Cloud.Cover.daily.min..mid.cld.lay. +
## Low.Cloud.Cover.daily.max..low.cld.lay. + Low.Cloud.Cover.daily.min..low.cld.lay. +
## Wind.Speed.daily.max..10.m.above.gnd. + Wind.Speed.daily.min..10.m.above.gnd. +
## Wind.Speed.daily.max..80.m.above.gnd. + Wind.Speed.daily.min..80.m.above.gnd. +
## Wind.Speed.daily.max..900.mb. + Wind.Speed.daily.min..900.mb. +
## Wind.Gust.daily.max..sfc.
##
##
## Df Deviance AIC
## - Shortwave.Radiation.daily.sum..sfc. 1 988.07 1066.1
## - Low.Cloud.Cover.daily.min..low.cld.lay. 1 988.07 1066.1
## - Wind.Gust.daily.mean..sfc. 1 988.07 1066.1
## - Wind.Direction.daily.mean..10.m.above.gnd. 1 988.08 1066.1
## - Wind.Speed.daily.mean..10.m.above.gnd. 1 988.08 1066.1
## - Wind.Speed.daily.min..900.mb. 1 988.12 1066.1
## - Low.Cloud.Cover.daily.max..low.cld.lay. 1 988.20 1066.2
## - Wind.Speed.daily.mean..900.mb. 1 988.22 1066.2
## - Wind.Direction.daily.mean..80.m.above.gnd. 1 988.24 1066.2
## - Wind.Speed.daily.max..900.mb. 1 988.27 1066.3
## - Medium.Cloud.Cover.daily.max..mid.cld.lay. 1 988.32 1066.3
## - Wind.Speed.daily.min..80.m.above.gnd. 1 988.34 1066.3
## - Wind.Speed.daily.max..80.m.above.gnd. 1 988.46 1066.5
## - Low.Cloud.Cover.daily.mean..low.cld.lay. 1 988.51 1066.5
## - Sunshine.Duration.daily.sum..sfc. 1 988.56 1066.6
## - Total.Cloud.Cover.daily.max..sfc. 1 988.78 1066.8
## - Snowfall.amount.raw.daily.sum..sfc. 1 988.91 1066.9
## - Relative.Humidity.daily.mean..2.m.above.gnd. 1 988.95 1067.0
## - Wind.Gust.daily.max..sfc. 1 989.11 1067.1
## - High.Cloud.Cover.daily.min..high.cld.lay. 1 989.12 1067.1
## - Total.Cloud.Cover.daily.mean..sfc. 1 989.13 1067.1
## - Wind.Speed.daily.max..10.m.above.gnd. 1 989.16 1067.2
## - Medium.Cloud.Cover.daily.min..mid.cld.lay. 1 989.17 1067.2
## - Medium.Cloud.Cover.daily.mean..mid.cld.lay. 1 989.43 1067.4
## - High.Cloud.Cover.daily.mean..high.cld.lay. 1 989.47 1067.5
## - Wind.Speed.daily.mean..80.m.above.gnd. 1 989.60 1067.6
## - Total.Precipitation.daily.sum..sfc. 1 989.74 1067.7
## <none> 988.03 1068.0
## - Total.Cloud.Cover.daily.min..sfc. 1 991.01 1069.0
## - Year 1 991.72 1069.7
## - X 1 991.80 1069.8
## - Wind.Speed.daily.min..10.m.above.gnd. 1 991.90 1069.9
## - Month 1 992.32 1070.3
## - High.Cloud.Cover.daily.max..high.cld.lay. 1 993.28 1071.3
## - Temperature.daily.min..2.m.above.gnd. 1 993.45 1071.5
## - Wind.Direction.daily.mean..900.mb. 1 994.77 1072.8
## - Temperature.daily.mean..2.m.above.gnd. 1 994.96 1073.0
## - Mean.Sea.Level.Pressure.daily.max..MSL. 1 998.01 1076.0
## - Mean.Sea.Level.Pressure.daily.mean..MSL. 1 999.75 1077.8
## - Mean.Sea.Level.Pressure.daily.min..MSL. 1 1005.01 1083.0

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##
## Step: AIC=1066.07
## pluie.demain ~ X + Year + Month + Temperature.daily.mean..2.m.above.gnd. +
##   Relative.Humidity.daily.mean..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.mean..MSL. +
##   Total.Precipitation.daily.sum..sfc. + Snowfall.amount.raw.daily.sum..sfc. +
##   Total.Cloud.Cover.daily.mean..sfc. + High.Cloud.Cover.daily.mean..high.cld.lay. +
##   Medium.Cloud.Cover.daily.mean..mid.cld.lay. + Low.Cloud.Cover.daily.mean..low.cld.lay. +
##   Sunshine.Duration.daily.sum..sfc. + Wind.Speed.daily.mean..10.m.above.gnd. +
##   Wind.Direction.daily.mean..10.m.above.gnd. + Wind.Speed.daily.mean..80.m.above.gnd. +
##   Wind.Direction.daily.mean..80.m.above.gnd. + Wind.Speed.daily.mean..900.mb. +
##   Wind.Direction.daily.mean..900.mb. + Wind.Gust.daily.mean..sfc. +
##   Temperature.daily.min..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.max..MSL. +
##   Mean.Sea.Level.Pressure.daily.min..MSL. + Total.Cloud.Cover.daily.max..sfc. +
##   Total.Cloud.Cover.daily.min..sfc. + High.Cloud.Cover.daily.max..high.cld.lay. +
##   High.Cloud.Cover.daily.min..high.cld.lay. + Medium.Cloud.Cover.daily.max..mid.cld.lay. +
##   Medium.Cloud.Cover.daily.min..mid.cld.lay. + Low.Cloud.Cover.daily.max..low.cld.lay. +
##   Low.Cloud.Cover.daily.min..low.cld.lay. + Wind.Speed.daily.max..10.m.above.gnd. +
##   Wind.Speed.daily.min..10.m.above.gnd. + Wind.Speed.daily.max..80.m.above.gnd. +
##   Wind.Speed.daily.min..80.m.above.gnd. + Wind.Speed.daily.max..900.mb. +
##   Wind.Speed.daily.min..900.mb. + Wind.Gust.daily.max..sfc.
##
##
##                                     Df Deviance    AIC
## - Wind.Gust.daily.mean..sfc.          1   988.10 1064.1
## - Wind.Speed.daily.mean..10.m.above.gnd. 1   988.10 1064.1
## - Low.Cloud.Cover.daily.min..low.cld.lay. 1   988.10 1064.1
## - Wind.Direction.daily.mean..10.m.above.gnd. 1   988.12 1064.1
## - Wind.Speed.daily.min..900.mb.         1   988.15 1064.2
## - Low.Cloud.Cover.daily.max..low.cld.lay. 1   988.24 1064.2
## - Wind.Speed.daily.mean..900.mb.        1   988.24 1064.2
## - Wind.Direction.daily.mean..80.m.above.gnd. 1   988.27 1064.3
## - Wind.Speed.daily.max..900.mb.         1   988.30 1064.3
## - Medium.Cloud.Cover.daily.max..mid.cld.lay. 1   988.34 1064.3
## - Wind.Speed.daily.min..80.m.above.gnd. 1   988.36 1064.4
## - Wind.Speed.daily.max..80.m.above.gnd. 1   988.49 1064.5
## - Low.Cloud.Cover.daily.mean..low.cld.lay. 1   988.58 1064.6
## - Total.Cloud.Cover.daily.max..sfc.     1   988.86 1064.9
## - Sunshine.Duration.daily.sum..sfc.     1   988.94 1064.9
## - Snowfall.amount.raw.daily.sum..sfc.   1   988.95 1065.0
## - Relative.Humidity.daily.mean..2.m.above.gnd. 1   988.96 1065.0
## - High.Cloud.Cover.daily.min..high.cld.lay. 1   989.14 1065.1
## - Wind.Gust.daily.max..sfc.             1   989.17 1065.2
## - Wind.Speed.daily.max..10.m.above.gnd. 1   989.19 1065.2
## - Medium.Cloud.Cover.daily.min..mid.cld.lay. 1   989.20 1065.2
## - Total.Cloud.Cover.daily.mean..sfc.    1   989.31 1065.3
## - Medium.Cloud.Cover.daily.mean..mid.cld.lay. 1   989.46 1065.5
## - High.Cloud.Cover.daily.mean..high.cld.lay. 1   989.57 1065.6
## - Total.Precipitation.daily.sum..sfc.   1   989.74 1065.7
## - Wind.Speed.daily.mean..80.m.above.gnd. 1   989.78 1065.8
## <none>                                988.07 1066.1
## - Total.Cloud.Cover.daily.min..sfc.     1   991.02 1067.0
## - Year                                  1   991.74 1067.7
## - X                                    1   991.81 1067.8
## - Wind.Speed.daily.min..10.m.above.gnd. 1   991.90 1067.9
## - Month                                1   992.35 1068.3

```



```

## - High.Cloud.Cover.daily.max..high.cld.lay.      1   993.35 1069.3
## - Wind.Direction.daily.mean..900.mb.              1   994.83 1070.8
## - Temperature.daily.min..2.m.above.gnd.           1   994.92 1070.9
## - Mean.Sea.Level.Pressure.daily.max..MSL.          1   998.15 1074.2
## - Temperature.daily.mean..2.m.above.gnd.           1   998.49 1074.5
## - Mean.Sea.Level.Pressure.daily.mean..MSL.          1   999.85 1075.8
## - Mean.Sea.Level.Pressure.daily.min..MSL.          1  1005.09 1081.1
##
## Step: AIC=1064.1
## pluie.demain ~ X + Year + Month + Temperature.daily.mean..2.m.above.gnd. +
##   Relative.Humidity.daily.mean..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.mean..MSL. +
##   Total.Precipitation.daily.sum..sfc. + Snowfall.amount.raw.daily.sum..sfc. +
##   Total.Cloud.Cover.daily.mean..sfc. + High.Cloud.Cover.daily.mean..high.cld.lay. +
##   Medium.Cloud.Cover.daily.mean..mid.cld.lay. + Low.Cloud.Cover.daily.mean..low.cld.lay. +
##   Sunshine.Duration.daily.sum..sfc. + Wind.Speed.daily.mean..10.m.above.gnd. +
##   Wind.Direction.daily.mean..10.m.above.gnd. + Wind.Speed.daily.mean..80.m.above.gnd. +
##   Wind.Direction.daily.mean..80.m.above.gnd. + Wind.Speed.daily.mean..900.mb. +
##   Wind.Direction.daily.mean..900.mb. + Temperature.daily.min..2.m.above.gnd. +
##   Mean.Sea.Level.Pressure.daily.max..MSL. + Mean.Sea.Level.Pressure.daily.min..MSL. +
##   Total.Cloud.Cover.daily.max..sfc. + Total.Cloud.Cover.daily.min..sfc. +
##   High.Cloud.Cover.daily.max..high.cld.lay. + High.Cloud.Cover.daily.min..high.cld.lay. +
##   Medium.Cloud.Cover.daily.max..mid.cld.lay. + Medium.Cloud.Cover.daily.min..mid.cld.lay. +
##   Low.Cloud.Cover.daily.max..low.cld.lay. + Low.Cloud.Cover.daily.min..low.cld.lay. +
##   Wind.Speed.daily.max..10.m.above.gnd. + Wind.Speed.daily.min..10.m.above.gnd. +
##   Wind.Speed.daily.max..80.m.above.gnd. + Wind.Speed.daily.min..80.m.above.gnd. +
##   Wind.Speed.daily.max..900.mb. + Wind.Speed.daily.min..900.mb. +
##   Wind.Gust.daily.max..sfc.
##
##
##                                     Df Deviance      AIC
## - Wind.Speed.daily.mean..10.m.above.gnd.      1   988.13 1062.1
## - Low.Cloud.Cover.daily.min..low.cld.lay.      1   988.14 1062.1
## - Wind.Direction.daily.mean..10.m.above.gnd.   1   988.15 1062.2
## - Wind.Speed.daily.min..900.mb.                 1   988.18 1062.2
## - Low.Cloud.Cover.daily.max..low.cld.lay.      1   988.27 1062.3
## - Wind.Direction.daily.mean..80.m.above.gnd.   1   988.30 1062.3
## - Wind.Speed.daily.mean..900.mb.                1   988.35 1062.3
## - Wind.Speed.daily.min..80.m.above.gnd.         1   988.37 1062.4
## - Medium.Cloud.Cover.daily.max..mid.cld.lay.   1   988.37 1062.4
## - Wind.Speed.daily.max..900.mb.                 1   988.37 1062.4
## - Wind.Speed.daily.max..80.m.above.gnd.         1   988.49 1062.5
## - Low.Cloud.Cover.daily.mean..low.cld.lay.     1   988.62 1062.6
## - Total.Cloud.Cover.daily.max..sfc.             1   988.90 1062.9
## - Relative.Humidity.daily.mean..2.m.above.gnd. 1   988.96 1063.0
## - Sunshine.Duration.daily.sum..sfc.             1   988.98 1063.0
## - Snowfall.amount.raw.daily.sum..sfc.          1   988.98 1063.0
## - High.Cloud.Cover.daily.min..high.cld.lay.    1   989.17 1063.2
## - Medium.Cloud.Cover.daily.min..mid.cld.lay.    1   989.22 1063.2
## - Wind.Speed.daily.max..10.m.above.gnd.         1   989.24 1063.2
## - Total.Cloud.Cover.daily.mean..sfc.            1   989.36 1063.4
## - Medium.Cloud.Cover.daily.mean..mid.cld.lay.   1   989.50 1063.5
## - High.Cloud.Cover.daily.mean..high.cld.lay.    1   989.64 1063.6
## - Wind.Speed.daily.mean..80.m.above.gnd.        1   989.78 1063.8
## - Total.Precipitation.daily.sum..sfc.           1   989.81 1063.8
## <none>                                           988.10 1064.1

```

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## - Wind.Gust.daily.max..sfc. 1 990.23 1064.2
## - Total.Cloud.Cover.daily.min..sfc. 1 991.03 1065.0
## - Year 1 991.78 1065.8
## - X 1 991.85 1065.8
## - Wind.Speed.daily.min..10.m.above.gnd. 1 991.90 1065.9
## - Month 1 992.39 1066.4
## - High.Cloud.Cover.daily.max..high.cld.lay. 1 993.39 1067.4
## - Wind.Direction.daily.mean..900.mb. 1 994.84 1068.8
## - Temperature.daily.min..2.m.above.gnd. 1 995.02 1069.0
## - Mean.Sea.Level.Pressure.daily.max..MSL. 1 998.16 1072.2
## - Temperature.daily.mean..2.m.above.gnd. 1 998.64 1072.6
## - Mean.Sea.Level.Pressure.daily.mean..MSL. 1 999.87 1073.9
## - Mean.Sea.Level.Pressure.daily.min..MSL. 1 1005.10 1079.1
##
## Step: AIC=1062.13
## pluie.demain ~ X + Year + Month + Temperature.daily.mean..2.m.above.gnd. +
## Relative.Humidity.daily.mean..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.mean..MSL. +
## Total.Precipitation.daily.sum..sfc. + Snowfall.amount.raw.daily.sum..sfc. +
## Total.Cloud.Cover.daily.mean..sfc. + High.Cloud.Cover.daily.mean..high.cld.lay. +
## Medium.Cloud.Cover.daily.mean..mid.cld.lay. + Low.Cloud.Cover.daily.mean..low.cld.lay. +
## Sunshine.Duration.daily.sum..sfc. + Wind.Direction.daily.mean..10.m.above.gnd. +
## Wind.Speed.daily.mean..80.m.above.gnd. + Wind.Direction.daily.mean..80.m.above.gnd. +
## Wind.Speed.daily.mean..900.mb. + Wind.Direction.daily.mean..900.mb. +
## Temperature.daily.min..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.max..MSL. +
## Mean.Sea.Level.Pressure.daily.min..MSL. + Total.Cloud.Cover.daily.max..sfc. +
## Total.Cloud.Cover.daily.min..sfc. + High.Cloud.Cover.daily.max..high.cld.lay. +
## High.Cloud.Cover.daily.min..high.cld.lay. + Medium.Cloud.Cover.daily.max..mid.cld.lay. +
## Medium.Cloud.Cover.daily.min..mid.cld.lay. + Low.Cloud.Cover.daily.max..low.cld.lay. +
## Low.Cloud.Cover.daily.min..low.cld.lay. + Wind.Speed.daily.max..10.m.above.gnd. +
## Wind.Speed.daily.min..10.m.above.gnd. + Wind.Speed.daily.max..80.m.above.gnd. +
## Wind.Speed.daily.min..80.m.above.gnd. + Wind.Speed.daily.max..900.mb. +
## Wind.Speed.daily.min..900.mb. + Wind.Gust.daily.max..sfc.
##
##
## Df Deviance AIC
## - Low.Cloud.Cover.daily.min..low.cld.lay. 1 988.17 1060.2
## - Wind.Direction.daily.mean..10.m.above.gnd. 1 988.17 1060.2
## - Wind.Speed.daily.min..900.mb. 1 988.21 1060.2
## - Low.Cloud.Cover.daily.max..low.cld.lay. 1 988.30 1060.3
## - Wind.Direction.daily.mean..80.m.above.gnd. 1 988.32 1060.3
## - Wind.Speed.daily.min..80.m.above.gnd. 1 988.38 1060.4
## - Wind.Speed.daily.mean..900.mb. 1 988.38 1060.4
## - Wind.Speed.daily.max..900.mb. 1 988.40 1060.4
## - Medium.Cloud.Cover.daily.max..mid.cld.lay. 1 988.40 1060.4
## - Wind.Speed.daily.max..80.m.above.gnd. 1 988.62 1060.6
## - Low.Cloud.Cover.daily.mean..low.cld.lay. 1 988.64 1060.6
## - Total.Cloud.Cover.daily.max..sfc. 1 988.93 1060.9
## - Sunshine.Duration.daily.sum..sfc. 1 988.98 1061.0
## - Relative.Humidity.daily.mean..2.m.above.gnd. 1 989.02 1061.0
## - Snowfall.amount.raw.daily.sum..sfc. 1 989.11 1061.1
## - High.Cloud.Cover.daily.min..high.cld.lay. 1 989.22 1061.2
## - Medium.Cloud.Cover.daily.min..mid.cld.lay. 1 989.23 1061.2
## - Total.Cloud.Cover.daily.mean..sfc. 1 989.37 1061.4
## - Medium.Cloud.Cover.daily.mean..mid.cld.lay. 1 989.52 1061.5
## - Wind.Speed.daily.max..10.m.above.gnd. 1 989.52 1061.5

```

```

## - High.Cloud.Cover.daily.mean..high.cld.lay.      1  989.67 1061.7
## - Total.Precipitation.daily.sum..sfc.              1  989.83 1061.8
## <none>                                              988.13 1062.1
## - Wind.Gust.daily.max..sfc.                       1  990.27 1062.3
## - Total.Cloud.Cover.daily.min..sfc.               1  991.07 1063.1
## - Year                                              1  991.82 1063.8
## - X                                                 1  991.89 1063.9
## - Wind.Speed.daily.min..10.m.above.gnd.           1  992.33 1064.3
## - Month                                             1  992.42 1064.4
## - High.Cloud.Cover.daily.max..high.cld.lay.       1  993.49 1065.5
## - Wind.Speed.daily.mean..80.m.above.gnd.          1  994.34 1066.3
## - Wind.Direction.daily.mean..900.mb.              1  994.86 1066.9
## - Temperature.daily.min..2.m.above.gnd.           1  995.08 1067.1
## - Mean.Sea.Level.Pressure.daily.max..MSL.         1  998.17 1070.2
## - Temperature.daily.mean..2.m.above.gnd.          1  998.71 1070.7
## - Mean.Sea.Level.Pressure.daily.mean..MSL.         1  999.87 1071.9
## - Mean.Sea.Level.Pressure.daily.min..MSL.         1 1005.11 1077.1
##
## Step: AIC=1060.17
## plue.demain ~ X + Year + Month + Temperature.daily.mean..2.m.above.gnd. +
##   Relative.Humidity.daily.mean..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.mean..MSL. +
##   Total.Precipitation.daily.sum..sfc. + Snowfall.amount.raw.daily.sum..sfc. +
##   Total.Cloud.Cover.daily.mean..sfc. + High.Cloud.Cover.daily.mean..high.cld.lay. +
##   Medium.Cloud.Cover.daily.mean..mid.cld.lay. + Low.Cloud.Cover.daily.mean..low.cld.lay. +
##   Sunshine.Duration.daily.sum..sfc. + Wind.Direction.daily.mean..10.m.above.gnd. +
##   Wind.Speed.daily.mean..80.m.above.gnd. + Wind.Direction.daily.mean..80.m.above.gnd. +
##   Wind.Speed.daily.mean..900.mb. + Wind.Direction.daily.mean..900.mb. +
##   Temperature.daily.min..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.max..MSL. +
##   Mean.Sea.Level.Pressure.daily.min..MSL. + Total.Cloud.Cover.daily.max..sfc. +
##   Total.Cloud.Cover.daily.min..sfc. + High.Cloud.Cover.daily.max..high.cld.lay. +
##   High.Cloud.Cover.daily.min..high.cld.lay. + Medium.Cloud.Cover.daily.max..mid.cld.lay. +
##   Medium.Cloud.Cover.daily.min..mid.cld.lay. + Low.Cloud.Cover.daily.max..low.cld.lay. +
##   Wind.Speed.daily.max..10.m.above.gnd. + Wind.Speed.daily.min..10.m.above.gnd. +
##   Wind.Speed.daily.max..80.m.above.gnd. + Wind.Speed.daily.min..80.m.above.gnd. +
##   Wind.Speed.daily.max..900.mb. + Wind.Speed.daily.min..900.mb. +
##   Wind.Gust.daily.max..sfc.
##
##
##                                     Df Deviance    AIC
## - Wind.Direction.daily.mean..10.m.above.gnd.      1  988.22 1058.2
## - Wind.Speed.daily.min..900.mb.                   1  988.26 1058.3
## - Low.Cloud.Cover.daily.max..low.cld.lay.          1  988.33 1058.3
## - Wind.Direction.daily.mean..80.m.above.gnd.       1  988.37 1058.4
## - Wind.Speed.daily.min..80.m.above.gnd.            1  988.40 1058.4
## - Wind.Speed.daily.mean..900.mb.                   1  988.42 1058.4
## - Medium.Cloud.Cover.daily.max..mid.cld.lay.       1  988.43 1058.4
## - Wind.Speed.daily.max..900.mb.                    1  988.44 1058.4
## - Wind.Speed.daily.max..80.m.above.gnd.            1  988.66 1058.7
## - Low.Cloud.Cover.daily.mean..low.cld.lay.         1  988.71 1058.7
## - Total.Cloud.Cover.daily.max..sfc.                1  988.97 1059.0
## - Sunshine.Duration.daily.sum..sfc.                1  989.04 1059.0
## - Relative.Humidity.daily.mean..2.m.above.gnd.     1  989.06 1059.1
## - Snowfall.amount.raw.daily.sum..sfc.              1  989.15 1059.2
## - Medium.Cloud.Cover.daily.min..mid.cld.lay.       1  989.25 1059.2
## - High.Cloud.Cover.daily.min..high.cld.lay.       1  989.25 1059.2

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## - Total.Cloud.Cover.daily.mean..sfc.          1  989.44 1059.4
## - Wind.Speed.daily.max..10.m.above.gnd.        1  989.57 1059.6
## - Medium.Cloud.Cover.daily.mean..mid.cld.lay.   1  989.70 1059.7
## - High.Cloud.Cover.daily.mean..high.cld.lay.    1  989.72 1059.7
## - Total.Precipitation.daily.sum..sfc.           1  989.84 1059.8
## <none>                                           988.17 1060.2
## - Wind.Gust.daily.max..sfc.                     1  990.31 1060.3
## - Year                                           1  991.88 1061.9
## - X                                              1  991.95 1062.0
## - Wind.Speed.daily.min..10.m.above.gnd.         1  992.33 1062.3
## - Month                                          1  992.48 1062.5
## - Total.Cloud.Cover.daily.min..sfc.             1  993.27 1063.3
## - High.Cloud.Cover.daily.max..high.cld.lay.     1  993.51 1063.5
## - Wind.Speed.daily.mean..80.m.above.gnd.        1  994.39 1064.4
## - Wind.Direction.daily.mean..900.mb.            1  995.00 1065.0
## - Temperature.daily.min..2.m.above.gnd.         1  995.13 1065.1
## - Mean.Sea.Level.Pressure.daily.max..MSL.       1  998.19 1068.2
## - Temperature.daily.mean..2.m.above.gnd.        1  998.75 1068.8
## - Mean.Sea.Level.Pressure.daily.mean..MSL.      1  999.90 1069.9
## - Mean.Sea.Level.Pressure.daily.min..MSL.       1 1005.14 1075.1
##
## Step: AIC=1058.22
## pluie.demain ~ X + Year + Month + Temperature.daily.mean..2.m.above.gnd. +
##   Relative.Humidity.daily.mean..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.mean..MSL. +
##   Total.Precipitation.daily.sum..sfc. + Snowfall.amount.raw.daily.sum..sfc. +
##   Total.Cloud.Cover.daily.mean..sfc. + High.Cloud.Cover.daily.mean..high.cld.lay. +
##   Medium.Cloud.Cover.daily.mean..mid.cld.lay. + Low.Cloud.Cover.daily.mean..low.cld.lay. +
##   Sunshine.Duration.daily.sum..sfc. + Wind.Speed.daily.mean..80.m.above.gnd. +
##   Wind.Direction.daily.mean..80.m.above.gnd. + Wind.Speed.daily.mean..900.mb. +
##   Wind.Direction.daily.mean..900.mb. + Temperature.daily.min..2.m.above.gnd. +
##   Mean.Sea.Level.Pressure.daily.max..MSL. + Mean.Sea.Level.Pressure.daily.min..MSL. +
##   Total.Cloud.Cover.daily.max..sfc. + Total.Cloud.Cover.daily.min..sfc. +
##   High.Cloud.Cover.daily.max..high.cld.lay. + High.Cloud.Cover.daily.min..high.cld.lay. +
##   Medium.Cloud.Cover.daily.max..mid.cld.lay. + Medium.Cloud.Cover.daily.min..mid.cld.lay. +
##   Low.Cloud.Cover.daily.max..low.cld.lay. + Wind.Speed.daily.max..10.m.above.gnd. +
##   Wind.Speed.daily.min..10.m.above.gnd. + Wind.Speed.daily.max..80.m.above.gnd. +
##   Wind.Speed.daily.min..80.m.above.gnd. + Wind.Speed.daily.max..900.mb. +
##   Wind.Speed.daily.min..900.mb. + Wind.Gust.daily.max..sfc.
##
##
##                                     Df Deviance    AIC
## - Wind.Speed.daily.min..900.mb.          1  988.31 1056.3
## - Low.Cloud.Cover.daily.max..low.cld.lay. 1  988.38 1056.4
## - Wind.Speed.daily.min..80.m.above.gnd.    1  988.44 1056.4
## - Wind.Speed.daily.mean..900.mb.          1  988.46 1056.5
## - Medium.Cloud.Cover.daily.max..mid.cld.lay. 1  988.48 1056.5
## - Wind.Speed.daily.max..900.mb.           1  988.49 1056.5
## - Wind.Speed.daily.max..80.m.above.gnd.    1  988.72 1056.7
## - Low.Cloud.Cover.daily.mean..low.cld.lay. 1  988.76 1056.8
## - Wind.Direction.daily.mean..80.m.above.gnd. 1  988.97 1057.0
## - Total.Cloud.Cover.daily.max..sfc.       1  989.02 1057.0
## - Sunshine.Duration.daily.sum..sfc.       1  989.09 1057.1
## - Relative.Humidity.daily.mean..2.m.above.gnd. 1  989.13 1057.1
## - Snowfall.amount.raw.daily.sum..sfc.     1  989.23 1057.2
## - Medium.Cloud.Cover.daily.min..mid.cld.lay. 1  989.31 1057.3

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## - High.Cloud.Cover.daily.min..high.cld.lay.      1  989.32 1057.3
## - Total.Cloud.Cover.daily.mean..sfc.              1  989.51 1057.5
## - Wind.Speed.daily.max..10.m.above.gnd.           1  989.64 1057.6
## - Medium.Cloud.Cover.daily.mean..mid.cld.lay.     1  989.71 1057.7
## - High.Cloud.Cover.daily.mean..high.cld.lay.      1  989.79 1057.8
## - Total.Precipitation.daily.sum..sfc.              1  989.93 1057.9
## <none>                                             988.22 1058.2
## - Wind.Gust.daily.max..sfc.                       1  990.37 1058.4
## - Year                                              1  991.91 1059.9
## - X                                                 1  991.98 1060.0
## - Wind.Speed.daily.min..10.m.above.gnd.           1  992.35 1060.3
## - Month                                             1  992.51 1060.5
## - Total.Cloud.Cover.daily.min..sfc.               1  993.29 1061.3
## - High.Cloud.Cover.daily.max..high.cld.lay.       1  993.58 1061.6
## - Wind.Speed.daily.mean..80.m.above.gnd.          1  994.40 1062.4
## - Temperature.daily.min..2.m.above.gnd.           1  995.13 1063.1
## - Wind.Direction.daily.mean..900.mb.              1  995.50 1063.5
## - Mean.Sea.Level.Pressure.daily.max..MSL.          1  998.27 1066.3
## - Temperature.daily.mean..2.m.above.gnd.          1  998.75 1066.8
## - Mean.Sea.Level.Pressure.daily.mean..MSL.         1 1000.02 1068.0
## - Mean.Sea.Level.Pressure.daily.min..MSL.          1 1005.31 1073.3
##
## Step:  AIC=1056.31
## pluie.demain ~ X + Year + Month + Temperature.daily.mean..2.m.above.gnd. +
##   Relative.Humidity.daily.mean..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.mean..MSL. +
##   Total.Precipitation.daily.sum..sfc. + Snowfall.amount.raw.daily.sum..sfc. +
##   Total.Cloud.Cover.daily.mean..sfc. + High.Cloud.Cover.daily.mean..high.cld.lay. +
##   Medium.Cloud.Cover.daily.mean..mid.cld.lay. + Low.Cloud.Cover.daily.mean..low.cld.lay. +
##   Sunshine.Duration.daily.sum..sfc. + Wind.Speed.daily.mean..80.m.above.gnd. +
##   Wind.Direction.daily.mean..80.m.above.gnd. + Wind.Speed.daily.mean..900.mb. +
##   Wind.Direction.daily.mean..900.mb. + Temperature.daily.min..2.m.above.gnd. +
##   Mean.Sea.Level.Pressure.daily.max..MSL. + Mean.Sea.Level.Pressure.daily.min..MSL. +
##   Total.Cloud.Cover.daily.max..sfc. + Total.Cloud.Cover.daily.min..sfc. +
##   High.Cloud.Cover.daily.max..high.cld.lay. + High.Cloud.Cover.daily.min..high.cld.lay. +
##   Medium.Cloud.Cover.daily.max..mid.cld.lay. + Medium.Cloud.Cover.daily.min..mid.cld.lay. +
##   Low.Cloud.Cover.daily.max..low.cld.lay. + Wind.Speed.daily.max..10.m.above.gnd. +
##   Wind.Speed.daily.min..10.m.above.gnd. + Wind.Speed.daily.max..80.m.above.gnd. +
##   Wind.Speed.daily.min..80.m.above.gnd. + Wind.Speed.daily.max..900.mb. +
##   Wind.Gust.daily.max..sfc.
##
##
##                                     Df Deviance    AIC
## - Low.Cloud.Cover.daily.max..low.cld.lay.      1  988.47 1054.5
## - Wind.Speed.daily.mean..900.mb.                 1  988.47 1054.5
## - Wind.Speed.daily.max..900.mb.                  1  988.50 1054.5
## - Medium.Cloud.Cover.daily.max..mid.cld.lay.     1  988.56 1054.6
## - Wind.Speed.daily.min..80.m.above.gnd.           1  988.57 1054.6
## - Wind.Speed.daily.max..80.m.above.gnd.           1  988.83 1054.8
## - Low.Cloud.Cover.daily.mean..low.cld.lay.        1  988.84 1054.8
## - Wind.Direction.daily.mean..80.m.above.gnd.      1  989.09 1055.1
## - Total.Cloud.Cover.daily.max..sfc.               1  989.12 1055.1
## - Sunshine.Duration.daily.sum..sfc.               1  989.17 1055.2
## - Relative.Humidity.daily.mean..2.m.above.gnd.    1  989.26 1055.3
## - Snowfall.amount.raw.daily.sum..sfc.            1  989.36 1055.4
## - High.Cloud.Cover.daily.min..high.cld.lay.      1  989.40 1055.4

```

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## - Medium.Cloud.Cover.daily.min..mid.cld.lay.      1  989.41 1055.4
## - Total.Cloud.Cover.daily.mean..sfc.              1  989.57 1055.6
## - Wind.Speed.daily.max..10.m.above.gnd.           1  989.73 1055.7
## - Medium.Cloud.Cover.daily.mean..mid.cld.lay.      1  989.83 1055.8
## - High.Cloud.Cover.daily.mean..high.cld.lay.       1  989.85 1055.8
## - Total.Precipitation.daily.sum..sfc.              1  990.03 1056.0
## <none>                                             988.31 1056.3
## - Wind.Gust.daily.max..sfc.                        1  990.45 1056.5
## - Year                                             1  991.98 1058.0
## - X                                               1  992.05 1058.0
## - Wind.Speed.daily.min..10.m.above.gnd.           1  992.44 1058.4
## - Month                                           1  992.58 1058.6
## - Total.Cloud.Cover.daily.min..sfc.              1  993.58 1059.6
## - High.Cloud.Cover.daily.max..high.cld.lay.       1  993.69 1059.7
## - Wind.Speed.daily.mean..80.m.above.gnd.          1  994.44 1060.4
## - Temperature.daily.min..2.m.above.gnd.           1  995.33 1061.3
## - Wind.Direction.daily.mean..900.mb.              1  995.77 1061.8
## - Mean.Sea.Level.Pressure.daily.max..MSL.          1  998.42 1064.4
## - Temperature.daily.mean..2.m.above.gnd.          1  998.93 1064.9
## - Mean.Sea.Level.Pressure.daily.mean..MSL.         1 1000.16 1066.2
## - Mean.Sea.Level.Pressure.daily.min..MSL.          1 1005.44 1071.4
##
## Step:  AIC=1054.47
## pluie.demain ~ X + Year + Month + Temperature.daily.mean..2.m.above.gnd. +
##   Relative.Humidity.daily.mean..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.mean..MSL. +
##   Total.Precipitation.daily.sum..sfc. + Snowfall.amount.raw.daily.sum..sfc. +
##   Total.Cloud.Cover.daily.mean..sfc. + High.Cloud.Cover.daily.mean..high.cld.lay. +
##   Medium.Cloud.Cover.daily.mean..mid.cld.lay. + Low.Cloud.Cover.daily.mean..low.cld.lay. +
##   Sunshine.Duration.daily.sum..sfc. + Wind.Speed.daily.mean..80.m.above.gnd. +
##   Wind.Direction.daily.mean..80.m.above.gnd. + Wind.Speed.daily.mean..900.mb. +
##   Wind.Direction.daily.mean..900.mb. + Temperature.daily.min..2.m.above.gnd. +
##   Mean.Sea.Level.Pressure.daily.max..MSL. + Mean.Sea.Level.Pressure.daily.min..MSL. +
##   Total.Cloud.Cover.daily.max..sfc. + Total.Cloud.Cover.daily.min..sfc. +
##   High.Cloud.Cover.daily.max..high.cld.lay. + High.Cloud.Cover.daily.min..high.cld.lay. +
##   Medium.Cloud.Cover.daily.max..mid.cld.lay. + Medium.Cloud.Cover.daily.min..mid.cld.lay. +
##   Wind.Speed.daily.max..10.m.above.gnd. + Wind.Speed.daily.min..10.m.above.gnd. +
##   Wind.Speed.daily.max..80.m.above.gnd. + Wind.Speed.daily.min..80.m.above.gnd. +
##   Wind.Speed.daily.max..900.mb. + Wind.Gust.daily.max..sfc.
##
##
##                                     Df Deviance    AIC
## - Wind.Speed.daily.mean..900.mb.      1  988.64 1052.6
## - Medium.Cloud.Cover.daily.max..mid.cld.lay. 1  988.64 1052.6
## - Wind.Speed.daily.max..900.mb.        1  988.64 1052.6
## - Wind.Speed.daily.min..80.m.above.gnd. 1  988.71 1052.7
## - Low.Cloud.Cover.daily.mean..low.cld.lay. 1  988.92 1052.9
## - Wind.Speed.daily.max..80.m.above.gnd. 1  988.96 1053.0
## - Wind.Direction.daily.mean..80.m.above.gnd. 1  989.20 1053.2
## - Relative.Humidity.daily.mean..2.m.above.gnd. 1  989.44 1053.4
## - Sunshine.Duration.daily.sum..sfc.     1  989.45 1053.5
## - High.Cloud.Cover.daily.min..high.cld.lay. 1  989.53 1053.5
## - Medium.Cloud.Cover.daily.min..mid.cld.lay. 1  989.56 1053.6
## - Snowfall.amount.raw.daily.sum..sfc.   1  989.57 1053.6
## - Total.Cloud.Cover.daily.mean..sfc.    1  989.80 1053.8
## - High.Cloud.Cover.daily.mean..high.cld.lay. 1  990.00 1054.0

```

```

## - Wind.Speed.daily.max..10.m.above.gnd.      1  990.01 1054.0
## - Total.Precipitation.daily.sum..sfc.         1  990.10 1054.1
## - Medium.Cloud.Cover.daily.mean..mid.cld.lay. 1  990.14 1054.1
## <none>                                         988.47 1054.5
## - Wind.Gust.daily.max..sfc.                   1  990.58 1054.6
## - Total.Cloud.Cover.daily.max..sfc.           1  990.60 1054.6
## - Year                                         1  992.08 1056.1
## - X                                           1  992.15 1056.2
## - Wind.Speed.daily.min..10.m.above.gnd.       1  992.52 1056.5
## - Month                                       1  992.67 1056.7
## - Total.Cloud.Cover.daily.min..sfc.           1  993.58 1057.6
## - High.Cloud.Cover.daily.max..high.cld.lay.   1  993.79 1057.8
## - Wind.Speed.daily.mean..80.m.above.gnd.      1  994.72 1058.7
## - Temperature.daily.min..2.m.above.gnd.       1  995.36 1059.4
## - Wind.Direction.daily.mean..900.mb.          1  995.97 1060.0
## - Mean.Sea.Level.Pressure.daily.max..MSL.      1  998.57 1062.6
## - Temperature.daily.mean..2.m.above.gnd.      1  998.94 1062.9
## - Mean.Sea.Level.Pressure.daily.mean..MSL.     1 1000.29 1064.3
## - Mean.Sea.Level.Pressure.daily.min..MSL.     1 1005.59 1069.6
##
## Step: AIC=1052.64
## pluie.demain ~ X + Year + Month + Temperature.daily.mean..2.m.above.gnd. +
##   Relative.Humidity.daily.mean..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.mean..MSL. +
##   Total.Precipitation.daily.sum..sfc. + Snowfall.amount.raw.daily.sum..sfc. +
##   Total.Cloud.Cover.daily.mean..sfc. + High.Cloud.Cover.daily.mean..high.cld.lay. +
##   Medium.Cloud.Cover.daily.mean..mid.cld.lay. + Low.Cloud.Cover.daily.mean..low.cld.lay. +
##   Sunshine.Duration.daily.sum..sfc. + Wind.Speed.daily.mean..80.m.above.gnd. +
##   Wind.Direction.daily.mean..80.m.above.gnd. + Wind.Direction.daily.mean..900.mb. +
##   Temperature.daily.min..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.max..MSL. +
##   Mean.Sea.Level.Pressure.daily.min..MSL. + Total.Cloud.Cover.daily.max..sfc. +
##   Total.Cloud.Cover.daily.min..sfc. + High.Cloud.Cover.daily.max..high.cld.lay. +
##   High.Cloud.Cover.daily.min..high.cld.lay. + Medium.Cloud.Cover.daily.max..mid.cld.lay. +
##   Medium.Cloud.Cover.daily.min..mid.cld.lay. + Wind.Speed.daily.max..10.m.above.gnd. +
##   Wind.Speed.daily.min..10.m.above.gnd. + Wind.Speed.daily.max..80.m.above.gnd. +
##   Wind.Speed.daily.min..80.m.above.gnd. + Wind.Speed.daily.max..900.mb. +
##   Wind.Gust.daily.max..sfc.
##
##                                     Df Deviance    AIC
## - Wind.Speed.daily.max..900.mb.      1  988.65 1050.7
## - Medium.Cloud.Cover.daily.max..mid.cld.lay. 1  988.79 1050.8
## - Wind.Speed.daily.min..80.m.above.gnd. 1  988.86 1050.9
## - Wind.Speed.daily.max..80.m.above.gnd. 1  989.00 1051.0
## - Low.Cloud.Cover.daily.mean..low.cld.lay. 1  989.06 1051.1
## - Wind.Direction.daily.mean..80.m.above.gnd. 1  989.32 1051.3
## - Sunshine.Duration.daily.sum..sfc.      1  989.56 1051.6
## - Relative.Humidity.daily.mean..2.m.above.gnd. 1  989.58 1051.6
## - High.Cloud.Cover.daily.min..high.cld.lay. 1  989.73 1051.7
## - Medium.Cloud.Cover.daily.min..mid.cld.lay. 1  989.76 1051.8
## - Snowfall.amount.raw.daily.sum..sfc.    1  989.83 1051.8
## - Total.Cloud.Cover.daily.mean..sfc.     1  989.86 1051.9
## - High.Cloud.Cover.daily.mean..high.cld.lay. 1  990.16 1052.2
## - Total.Precipitation.daily.sum..sfc.    1  990.18 1052.2
## - Wind.Speed.daily.max..10.m.above.gnd.  1  990.36 1052.4
## - Medium.Cloud.Cover.daily.mean..mid.cld.lay. 1  990.43 1052.4

```

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## <none> 988.64 1052.6
## - Wind.Gust.daily.max..sfc. 1 990.79 1052.8
## - Total.Cloud.Cover.daily.max..sfc. 1 990.82 1052.8
## - Year 1 992.25 1054.2
## - X 1 992.32 1054.3
## - Wind.Speed.daily.min..10.m.above.gnd. 1 992.62 1054.6
## - Month 1 992.84 1054.8
## - Total.Cloud.Cover.daily.min..sfc. 1 993.73 1055.7
## - High.Cloud.Cover.daily.max..high.cld.lay. 1 993.91 1055.9
## - Wind.Speed.daily.mean..80.m.above.gnd. 1 994.96 1057.0
## - Temperature.daily.min..2.m.above.gnd. 1 995.41 1057.4
## - Wind.Direction.daily.mean..900.mb. 1 996.05 1058.0
## - Mean.Sea.Level.Pressure.daily.max..MSL. 1 998.60 1060.6
## - Temperature.daily.mean..2.m.above.gnd. 1 998.96 1061.0
## - Mean.Sea.Level.Pressure.daily.mean..MSL. 1 1000.29 1062.3
## - Mean.Sea.Level.Pressure.daily.min..MSL. 1 1005.67 1067.7
##
## Step: AIC=1050.65
## pluie.demain ~ X + Year + Month + Temperature.daily.mean..2.m.above.gnd. +
## Relative.Humidity.daily.mean..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.mean..MSL. +
## Total.Precipitation.daily.sum..sfc. + Snowfall.amount.raw.daily.sum..sfc. +
## Total.Cloud.Cover.daily.mean..sfc. + High.Cloud.Cover.daily.mean..high.cld.lay. +
## Medium.Cloud.Cover.daily.mean..mid.cld.lay. + Low.Cloud.Cover.daily.mean..low.cld.lay. +
## Sunshine.Duration.daily.sum..sfc. + Wind.Speed.daily.mean..80.m.above.gnd. +
## Wind.Direction.daily.mean..80.m.above.gnd. + Wind.Direction.daily.mean..900.mb. +
## Temperature.daily.min..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.max..MSL. +
## Mean.Sea.Level.Pressure.daily.min..MSL. + Total.Cloud.Cover.daily.max..sfc. +
## Total.Cloud.Cover.daily.min..sfc. + High.Cloud.Cover.daily.max..high.cld.lay. +
## High.Cloud.Cover.daily.min..high.cld.lay. + Medium.Cloud.Cover.daily.max..mid.cld.lay. +
## Medium.Cloud.Cover.daily.min..mid.cld.lay. + Wind.Speed.daily.max..10.m.above.gnd. +
## Wind.Speed.daily.min..10.m.above.gnd. + Wind.Speed.daily.max..80.m.above.gnd. +
## Wind.Speed.daily.min..80.m.above.gnd. + Wind.Gust.daily.max..sfc.
##
##
## Df Deviance AIC
## - Medium.Cloud.Cover.daily.max..mid.cld.lay. 1 988.82 1048.8
## - Wind.Speed.daily.min..80.m.above.gnd. 1 988.87 1048.9
## - Wind.Speed.daily.max..80.m.above.gnd. 1 989.01 1049.0
## - Low.Cloud.Cover.daily.mean..low.cld.lay. 1 989.08 1049.1
## - Wind.Direction.daily.mean..80.m.above.gnd. 1 989.32 1049.3
## - Relative.Humidity.daily.mean..2.m.above.gnd. 1 989.59 1049.6
## - Sunshine.Duration.daily.sum..sfc. 1 989.61 1049.6
## - High.Cloud.Cover.daily.min..high.cld.lay. 1 989.74 1049.7
## - Medium.Cloud.Cover.daily.min..mid.cld.lay. 1 989.78 1049.8
## - Snowfall.amount.raw.daily.sum..sfc. 1 989.83 1049.8
## - Total.Cloud.Cover.daily.mean..sfc. 1 989.89 1049.9
## - Total.Precipitation.daily.sum..sfc. 1 990.19 1050.2
## - High.Cloud.Cover.daily.mean..high.cld.lay. 1 990.20 1050.2
## - Wind.Speed.daily.max..10.m.above.gnd. 1 990.36 1050.4
## - Medium.Cloud.Cover.daily.mean..mid.cld.lay. 1 990.44 1050.4
## <none> 988.65 1050.7
## - Total.Cloud.Cover.daily.max..sfc. 1 990.86 1050.9
## - Wind.Gust.daily.max..sfc. 1 991.18 1051.2
## - Year 1 992.25 1052.2
## - X 1 992.32 1052.3

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## - Wind.Speed.daily.min..10.m.above.gnd.      1  992.62 1052.6
## - Month                                         1  992.84 1052.8
## - Total.Cloud.Cover.daily.min..sfc.           1  993.79 1053.8
## - High.Cloud.Cover.daily.max..high.cld.lay.   1  993.91 1053.9
## - Wind.Speed.daily.mean..80.m.above.gnd.      1  994.97 1055.0
## - Temperature.daily.min..2.m.above.gnd.       1  995.41 1055.4
## - Wind.Direction.daily.mean..900.mb.          1  996.15 1056.2
## - Mean.Sea.Level.Pressure.daily.max..MSL.      1  998.62 1058.6
## - Temperature.daily.mean..2.m.above.gnd.      1  998.97 1059.0
## - Mean.Sea.Level.Pressure.daily.mean..MSL.     1 1000.29 1060.3
## - Mean.Sea.Level.Pressure.daily.min..MSL.      1 1005.70 1065.7
##
## Step: AIC=1048.82
## pluie.demain ~ X + Year + Month + Temperature.daily.mean..2.m.above.gnd. +
##   Relative.Humidity.daily.mean..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.mean..MSL. +
##   Total.Precipitation.daily.sum..sfc. + Snowfall.amount.raw.daily.sum..sfc. +
##   Total.Cloud.Cover.daily.mean..sfc. + High.Cloud.Cover.daily.mean..high.cld.lay. +
##   Medium.Cloud.Cover.daily.mean..mid.cld.lay. + Low.Cloud.Cover.daily.mean..low.cld.lay. +
##   Sunshine.Duration.daily.sum..sfc. + Wind.Speed.daily.mean..80.m.above.gnd. +
##   Wind.Direction.daily.mean..80.m.above.gnd. + Wind.Direction.daily.mean..900.mb. +
##   Temperature.daily.min..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.max..MSL. +
##   Mean.Sea.Level.Pressure.daily.min..MSL. + Total.Cloud.Cover.daily.max..sfc. +
##   Total.Cloud.Cover.daily.min..sfc. + High.Cloud.Cover.daily.max..high.cld.lay. +
##   High.Cloud.Cover.daily.min..high.cld.lay. + Medium.Cloud.Cover.daily.min..mid.cld.lay. +
##   Wind.Speed.daily.max..10.m.above.gnd. + Wind.Speed.daily.min..10.m.above.gnd. +
##   Wind.Speed.daily.max..80.m.above.gnd. + Wind.Speed.daily.min..80.m.above.gnd. +
##   Wind.Gust.daily.max..sfc.
##
##                                     Df Deviance    AIC
## - Wind.Speed.daily.min..80.m.above.gnd.      1  989.03 1047.0
## - Wind.Speed.daily.max..80.m.above.gnd.       1  989.22 1047.2
## - Low.Cloud.Cover.daily.mean..low.cld.lay.    1  989.29 1047.3
## - Wind.Direction.daily.mean..80.m.above.gnd.  1  989.51 1047.5
## - Relative.Humidity.daily.mean..2.m.above.gnd. 1  989.74 1047.7
## - Sunshine.Duration.daily.sum..sfc.           1  989.78 1047.8
## - High.Cloud.Cover.daily.min..high.cld.lay.   1  989.95 1048.0
## - Snowfall.amount.raw.daily.sum..sfc.         1  989.97 1048.0
## - Medium.Cloud.Cover.daily.min..mid.cld.lay.   1  990.04 1048.0
## - Total.Cloud.Cover.daily.mean..sfc.          1  990.10 1048.1
## - Total.Precipitation.daily.sum..sfc.         1  990.33 1048.3
## - Wind.Speed.daily.max..10.m.above.gnd.       1  990.46 1048.5
## - High.Cloud.Cover.daily.mean..high.cld.lay.  1  990.73 1048.7
## <none>                                         988.82 1048.8
## - Wind.Gust.daily.max..sfc.                   1  991.32 1049.3
## - Medium.Cloud.Cover.daily.mean..mid.cld.lay. 1  991.36 1049.4
## - Total.Cloud.Cover.daily.max..sfc.           1  992.15 1050.2
## - Year                                         1  992.37 1050.4
## - X                                           1  992.44 1050.4
## - Wind.Speed.daily.min..10.m.above.gnd.       1  992.88 1050.9
## - Month                                         1  992.95 1051.0
## - Total.Cloud.Cover.daily.min..sfc.           1  993.94 1051.9
## - Wind.Speed.daily.mean..80.m.above.gnd.      1  995.19 1053.2
## - Temperature.daily.min..2.m.above.gnd.       1  995.54 1053.5
## - High.Cloud.Cover.daily.max..high.cld.lay.   1  995.99 1054.0

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## - Wind.Direction.daily.mean..900.mb.          1    996.65 1054.7
## - Mean.Sea.Level.Pressure.daily.max..MSL.      1    998.76 1056.8
## - Temperature.daily.mean..2.m.above.gnd.      1    999.11 1057.1
## - Mean.Sea.Level.Pressure.daily.mean..MSL.     1   1000.50 1058.5
## - Mean.Sea.Level.Pressure.daily.min..MSL.      1   1006.08 1064.1
##
## Step: AIC=1047.03
## pluie.demain ~ X + Year + Month + Temperature.daily.mean..2.m.above.gnd. +
##   Relative.Humidity.daily.mean..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.mean..MSL. +
##   Total.Precipitation.daily.sum..sfc. + Snowfall.amount.raw.daily.sum..sfc. +
##   Total.Cloud.Cover.daily.mean..sfc. + High.Cloud.Cover.daily.mean..high.cld.lay. +
##   Medium.Cloud.Cover.daily.mean..mid.cld.lay. + Low.Cloud.Cover.daily.mean..low.cld.lay. +
##   Sunshine.Duration.daily.sum..sfc. + Wind.Speed.daily.mean..80.m.above.gnd. +
##   Wind.Direction.daily.mean..80.m.above.gnd. + Wind.Direction.daily.mean..900.mb. +
##   Temperature.daily.min..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.max..MSL. +
##   Mean.Sea.Level.Pressure.daily.min..MSL. + Total.Cloud.Cover.daily.max..sfc. +
##   Total.Cloud.Cover.daily.min..sfc. + High.Cloud.Cover.daily.max..high.cld.lay. +
##   High.Cloud.Cover.daily.min..high.cld.lay. + Medium.Cloud.Cover.daily.min..mid.cld.lay. +
##   Wind.Speed.daily.max..10.m.above.gnd. + Wind.Speed.daily.min..10.m.above.gnd. +
##   Wind.Speed.daily.max..80.m.above.gnd. + Wind.Gust.daily.max..sfc.
##
##                                     Df Deviance    AIC
## - Low.Cloud.Cover.daily.mean..low.cld.lay.    1    989.48 1045.5
## - Wind.Speed.daily.max..80.m.above.gnd.        1    989.59 1045.6
## - Wind.Direction.daily.mean..80.m.above.gnd.   1    989.81 1045.8
## - Relative.Humidity.daily.mean..2.m.above.gnd. 1    989.93 1045.9
## - Sunshine.Duration.daily.sum..sfc.            1    990.00 1046.0
## - Snowfall.amount.raw.daily.sum..sfc.         1    990.10 1046.1
## - High.Cloud.Cover.daily.min..high.cld.lay.   1    990.15 1046.2
## - Medium.Cloud.Cover.daily.min..mid.cld.lay.   1    990.23 1046.2
## - Total.Cloud.Cover.daily.mean..sfc.          1    990.26 1046.3
## - Total.Precipitation.daily.sum..sfc.         1    990.53 1046.5
## - Wind.Speed.daily.max..10.m.above.gnd.       1    990.78 1046.8
## - High.Cloud.Cover.daily.mean..high.cld.lay.   1    990.95 1047.0
## <none>                                         989.03 1047.0
## - Wind.Gust.daily.max..sfc.                   1    991.49 1047.5
## - Medium.Cloud.Cover.daily.mean..mid.cld.lay. 1    991.68 1047.7
## - Total.Cloud.Cover.daily.max..sfc.          1    992.40 1048.4
## - Year                                         1    992.56 1048.6
## - X                                           1    992.63 1048.6
## - Month                                       1    993.14 1049.1
## - Total.Cloud.Cover.daily.min..sfc.          1    994.13 1050.1
## - Wind.Speed.daily.min..10.m.above.gnd.       1    995.03 1051.0
## - Temperature.daily.min..2.m.above.gnd.       1    995.86 1051.9
## - High.Cloud.Cover.daily.max..high.cld.lay.   1    996.29 1052.3
## - Wind.Direction.daily.mean..900.mb.         1    997.00 1053.0
## - Wind.Speed.daily.mean..80.m.above.gnd.      1    998.42 1054.4
## - Mean.Sea.Level.Pressure.daily.max..MSL.     1    999.03 1055.0
## - Temperature.daily.mean..2.m.above.gnd.     1    999.39 1055.4
## - Mean.Sea.Level.Pressure.daily.mean..MSL.    1   1000.74 1056.7
## - Mean.Sea.Level.Pressure.daily.min..MSL.     1   1006.26 1062.3
##
## Step: AIC=1045.48
## pluie.demain ~ X + Year + Month + Temperature.daily.mean..2.m.above.gnd. +

```

```

## Relative.Humidity.daily.mean..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.mean..MSL. +
## Total.Precipitation.daily.sum..sfc. + Snowfall.amount.raw.daily.sum..sfc. +
## Total.Cloud.Cover.daily.mean..sfc. + High.Cloud.Cover.daily.mean..high.cld.lay. +
## Medium.Cloud.Cover.daily.mean..mid.cld.lay. + Sunshine.Duration.daily.sum..sfc. +
## Wind.Speed.daily.mean..80.m.above.gnd. + Wind.Direction.daily.mean..80.m.above.gnd. +
## Wind.Direction.daily.mean..900.mb. + Temperature.daily.min..2.m.above.gnd. +
## Mean.Sea.Level.Pressure.daily.max..MSL. + Mean.Sea.Level.Pressure.daily.min..MSL. +
## Total.Cloud.Cover.daily.max..sfc. + Total.Cloud.Cover.daily.min..sfc. +
## High.Cloud.Cover.daily.max..high.cld.lay. + High.Cloud.Cover.daily.min..high.cld.lay. +
## Medium.Cloud.Cover.daily.min..mid.cld.lay. + Wind.Speed.daily.max..10.m.above.gnd. +
## Wind.Speed.daily.min..10.m.above.gnd. + Wind.Speed.daily.max..80.m.above.gnd. +
## Wind.Gust.daily.max..sfc.
##
##
## Df Deviance AIC
## - Wind.Speed.daily.max..80.m.above.gnd. 1 990.12 1044.1
## - Relative.Humidity.daily.mean..2.m.above.gnd. 1 990.19 1044.2
## - Wind.Direction.daily.mean..80.m.above.gnd. 1 990.19 1044.2
## - Sunshine.Duration.daily.sum..sfc. 1 990.33 1044.3
## - Total.Cloud.Cover.daily.mean..sfc. 1 990.35 1044.3
## - High.Cloud.Cover.daily.min..high.cld.lay. 1 990.60 1044.6
## - Total.Precipitation.daily.sum..sfc. 1 990.63 1044.6
## - Snowfall.amount.raw.daily.sum..sfc. 1 990.64 1044.6
## - Medium.Cloud.Cover.daily.min..mid.cld.lay. 1 990.87 1044.9
## - Wind.Speed.daily.max..10.m.above.gnd. 1 991.04 1045.0
## - High.Cloud.Cover.daily.mean..high.cld.lay. 1 991.11 1045.1
## <none> 989.48 1045.5
## - Wind.Gust.daily.max..sfc. 1 991.84 1045.8
## - Year 1 993.05 1047.0
## - X 1 993.13 1047.1
## - Total.Cloud.Cover.daily.max..sfc. 1 993.35 1047.3
## - Month 1 993.64 1047.6
## - Medium.Cloud.Cover.daily.mean..mid.cld.lay. 1 993.88 1047.9
## - Total.Cloud.Cover.daily.min..sfc. 1 994.25 1048.2
## - Wind.Speed.daily.min..10.m.above.gnd. 1 995.41 1049.4
## - Temperature.daily.min..2.m.above.gnd. 1 996.51 1050.5
## - High.Cloud.Cover.daily.max..high.cld.lay. 1 997.05 1051.0
## - Wind.Direction.daily.mean..900.mb. 1 997.27 1051.3
## - Wind.Speed.daily.mean..80.m.above.gnd. 1 998.79 1052.8
## - Mean.Sea.Level.Pressure.daily.max..MSL. 1 999.61 1053.6
## - Temperature.daily.mean..2.m.above.gnd. 1 1000.11 1054.1
## - Mean.Sea.Level.Pressure.daily.mean..MSL. 1 1001.51 1055.5
## - Mean.Sea.Level.Pressure.daily.min..MSL. 1 1007.28 1061.3
##
## Step: AIC=1044.12
## pluie.demain ~ X + Year + Month + Temperature.daily.mean..2.m.above.gnd. +
## Relative.Humidity.daily.mean..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.mean..MSL. +
## Total.Precipitation.daily.sum..sfc. + Snowfall.amount.raw.daily.sum..sfc. +
## Total.Cloud.Cover.daily.mean..sfc. + High.Cloud.Cover.daily.mean..high.cld.lay. +
## Medium.Cloud.Cover.daily.mean..mid.cld.lay. + Sunshine.Duration.daily.sum..sfc. +
## Wind.Speed.daily.mean..80.m.above.gnd. + Wind.Direction.daily.mean..80.m.above.gnd. +
## Wind.Direction.daily.mean..900.mb. + Temperature.daily.min..2.m.above.gnd. +
## Mean.Sea.Level.Pressure.daily.max..MSL. + Mean.Sea.Level.Pressure.daily.min..MSL. +
## Total.Cloud.Cover.daily.max..sfc. + Total.Cloud.Cover.daily.min..sfc. +
## High.Cloud.Cover.daily.max..high.cld.lay. + High.Cloud.Cover.daily.min..high.cld.lay. +

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## Medium.Cloud.Cover.daily.min..mid.cld.lay. + Wind.Speed.daily.max..10.m.above.gnd. +
## Wind.Speed.daily.min..10.m.above.gnd. + Wind.Gust.daily.max..sfc.
##
##
## Df Deviance AIC
## - Total.Cloud.Cover.daily.mean..sfc. 1 990.88 1042.9
## - Sunshine.Duration.daily.sum..sfc. 1 990.95 1043.0
## - Relative.Humidity.daily.mean..2.m.above.gnd. 1 991.04 1043.0
## - Wind.Direction.daily.mean..80.m.above.gnd. 1 991.09 1043.1
## - Total.Precipitation.daily.sum..sfc. 1 991.20 1043.2
## - High.Cloud.Cover.daily.min..high.cld.lay. 1 991.22 1043.2
## - Snowfall.amount.raw.daily.sum..sfc. 1 991.26 1043.3
## - Medium.Cloud.Cover.daily.min..mid.cld.lay. 1 991.51 1043.5
## - High.Cloud.Cover.daily.mean..high.cld.lay. 1 991.75 1043.8
## <none> 990.12 1044.1
## - Wind.Gust.daily.max..sfc. 1 993.50 1045.5
## - Year 1 993.89 1045.9
## - Total.Cloud.Cover.daily.max..sfc. 1 993.95 1046.0
## - X 1 993.97 1046.0
## - Wind.Speed.daily.max..10.m.above.gnd. 1 994.32 1046.3
## - Month 1 994.48 1046.5
## - Medium.Cloud.Cover.daily.mean..mid.cld.lay. 1 994.77 1046.8
## - Total.Cloud.Cover.daily.min..sfc. 1 994.81 1046.8
## - Wind.Speed.daily.min..10.m.above.gnd. 1 995.57 1047.6
## - Temperature.daily.min..2.m.above.gnd. 1 997.32 1049.3
## - Wind.Direction.daily.mean..900.mb. 1 998.05 1050.0
## - High.Cloud.Cover.daily.max..high.cld.lay. 1 998.12 1050.1
## - Wind.Speed.daily.mean..80.m.above.gnd. 1 998.86 1050.9
## - Mean.Sea.Level.Pressure.daily.max..MSL. 1 1000.36 1052.4
## - Temperature.daily.mean..2.m.above.gnd. 1 1001.01 1053.0
## - Mean.Sea.Level.Pressure.daily.mean..MSL. 1 1002.42 1054.4
## - Mean.Sea.Level.Pressure.daily.min..MSL. 1 1008.56 1060.6
##
## Step: AIC=1042.88
## pluie.demain ~ X + Year + Month + Temperature.daily.mean..2.m.above.gnd. +
## Relative.Humidity.daily.mean..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.mean..MSL. +
## Total.Precipitation.daily.sum..sfc. + Snowfall.amount.raw.daily.sum..sfc. +
## High.Cloud.Cover.daily.mean..high.cld.lay. + Medium.Cloud.Cover.daily.mean..mid.cld.lay. +
## Sunshine.Duration.daily.sum..sfc. + Wind.Speed.daily.mean..80.m.above.gnd. +
## Wind.Direction.daily.mean..80.m.above.gnd. + Wind.Direction.daily.mean..900.mb. +
## Temperature.daily.min..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.max..MSL. +
## Mean.Sea.Level.Pressure.daily.min..MSL. + Total.Cloud.Cover.daily.max..sfc. +
## Total.Cloud.Cover.daily.min..sfc. + High.Cloud.Cover.daily.max..high.cld.lay. +
## High.Cloud.Cover.daily.min..high.cld.lay. + Medium.Cloud.Cover.daily.min..mid.cld.lay. +
## Wind.Speed.daily.max..10.m.above.gnd. + Wind.Speed.daily.min..10.m.above.gnd. +
## Wind.Gust.daily.max..sfc.
##
##
## Df Deviance AIC
## - Sunshine.Duration.daily.sum..sfc. 1 991.05 1041.0
## - Wind.Direction.daily.mean..80.m.above.gnd. 1 991.54 1041.5
## - Relative.Humidity.daily.mean..2.m.above.gnd. 1 991.87 1041.9
## - Snowfall.amount.raw.daily.sum..sfc. 1 991.97 1042.0
## - High.Cloud.Cover.daily.min..high.cld.lay. 1 992.04 1042.0
## - Total.Precipitation.daily.sum..sfc. 1 992.05 1042.0
## - Medium.Cloud.Cover.daily.min..mid.cld.lay. 1 992.56 1042.6

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```

## - High.Cloud.Cover.daily.mean..high.cld.lay.      1    992.68 1042.7
## <none>                                              1    990.88 1042.9
## - Wind.Gust.daily.max..sfc.                        1    994.19 1044.2
## - Year                                              1    994.60 1044.6
## - X                                                1    994.68 1044.7
## - Month                                            1    995.22 1045.2
## - Wind.Speed.daily.max..10.m.above.gnd.           1    995.23 1045.2
## - Total.Cloud.Cover.daily.max..sfc.               1    996.49 1046.5
## - Wind.Speed.daily.min..10.m.above.gnd.           1    996.66 1046.7
## - Total.Cloud.Cover.daily.min..sfc.               1    997.40 1047.4
## - Temperature.daily.min..2.m.above.gnd.           1    997.63 1047.6
## - Medium.Cloud.Cover.daily.mean..mid.cld.lay.     1    997.75 1047.8
## - Wind.Direction.daily.mean..900.mb.              1    998.52 1048.5
## - High.Cloud.Cover.daily.max..high.cld.lay.       1    998.59 1048.6
## - Wind.Speed.daily.mean..80.m.above.gnd.          1    999.91 1049.9
## - Mean.Sea.Level.Pressure.daily.max..MSL.          1   1001.40 1051.4
## - Temperature.daily.mean..2.m.above.gnd.          1   1001.47 1051.5
## - Mean.Sea.Level.Pressure.daily.mean..MSL.         1   1003.53 1053.5
## - Mean.Sea.Level.Pressure.daily.min..MSL.         1   1009.80 1059.8
##
## Step: AIC=1041.05
## pluie.demain ~ X + Year + Month + Temperature.daily.mean..2.m.above.gnd. +
##   Relative.Humidity.daily.mean..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.mean..MSL. +
##   Total.Precipitation.daily.sum..sfc. + Snowfall.amount.raw.daily.sum..sfc. +
##   High.Cloud.Cover.daily.mean..high.cld.lay. + Medium.Cloud.Cover.daily.mean..mid.cld.lay. +
##   Wind.Speed.daily.mean..80.m.above.gnd. + Wind.Direction.daily.mean..80.m.above.gnd. +
##   Wind.Direction.daily.mean..900.mb. + Temperature.daily.min..2.m.above.gnd. +
##   Mean.Sea.Level.Pressure.daily.max..MSL. + Mean.Sea.Level.Pressure.daily.min..MSL. +
##   Total.Cloud.Cover.daily.max..sfc. + Total.Cloud.Cover.daily.min..sfc. +
##   High.Cloud.Cover.daily.max..high.cld.lay. + High.Cloud.Cover.daily.min..high.cld.lay. +
##   Medium.Cloud.Cover.daily.min..mid.cld.lay. + Wind.Speed.daily.max..10.m.above.gnd. +
##   Wind.Speed.daily.min..10.m.above.gnd. + Wind.Gust.daily.max..sfc.
##
##                                     Df Deviance    AIC
## - Wind.Direction.daily.mean..80.m.above.gnd.      1    991.76 1039.8
## - Relative.Humidity.daily.mean..2.m.above.gnd.     1    991.93 1039.9
## - Snowfall.amount.raw.daily.sum..sfc.              1    992.10 1040.1
## - Total.Precipitation.daily.sum..sfc.              1    992.25 1040.2
## - High.Cloud.Cover.daily.min..high.cld.lay.       1    992.26 1040.3
## - Medium.Cloud.Cover.daily.min..mid.cld.lay.       1    992.64 1040.6
## - High.Cloud.Cover.daily.mean..high.cld.lay.      1    993.05 1041.0
## <none>                                              1    991.05 1041.0
## - Wind.Gust.daily.max..sfc.                        1    994.28 1042.3
## - Year                                              1    994.79 1042.8
## - X                                                1    994.86 1042.9
## - Month                                            1    995.42 1043.4
## - Wind.Speed.daily.max..10.m.above.gnd.           1    995.44 1043.4
## - Total.Cloud.Cover.daily.max..sfc.               1    996.58 1044.6
## - Wind.Speed.daily.min..10.m.above.gnd.           1    996.73 1044.7
## - Total.Cloud.Cover.daily.min..sfc.               1    997.41 1045.4
## - Temperature.daily.min..2.m.above.gnd.           1    998.43 1046.4
## - Medium.Cloud.Cover.daily.mean..mid.cld.lay.     1    998.48 1046.5
## - Wind.Direction.daily.mean..900.mb.              1    998.61 1046.6
## - High.Cloud.Cover.daily.max..high.cld.lay.       1    998.98 1047.0

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## - Wind.Speed.daily.mean..80.m.above.gnd.      1  1000.00 1048.0
## - Mean.Sea.Level.Pressure.daily.max..MSL.      1  1001.73 1049.7
## - Temperature.daily.mean..2.m.above.gnd.      1  1003.36 1051.4
## - Mean.Sea.Level.Pressure.daily.mean..MSL.     1  1003.94 1051.9
## - Mean.Sea.Level.Pressure.daily.min..MSL.      1  1010.37 1058.4
##
## Step: AIC=1039.76
## pluie.demain ~ X + Year + Month + Temperature.daily.mean..2.m.above.gnd. +
##   Relative.Humidity.daily.mean..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.mean..MSL. +
##   Total.Precipitation.daily.sum..sfc. + Snowfall.amount.raw.daily.sum..sfc. +
##   High.Cloud.Cover.daily.mean..high.cld.lay. + Medium.Cloud.Cover.daily.mean..mid.cld.lay. +
##   Wind.Speed.daily.mean..80.m.above.gnd. + Wind.Direction.daily.mean..900.mb. +
##   Temperature.daily.min..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.max..MSL. +
##   Mean.Sea.Level.Pressure.daily.min..MSL. + Total.Cloud.Cover.daily.max..sfc. +
##   Total.Cloud.Cover.daily.min..sfc. + High.Cloud.Cover.daily.max..high.cld.lay. +
##   High.Cloud.Cover.daily.min..high.cld.lay. + Medium.Cloud.Cover.daily.min..mid.cld.lay. +
##   Wind.Speed.daily.max..10.m.above.gnd. + Wind.Speed.daily.min..10.m.above.gnd. +
##   Wind.Gust.daily.max..sfc.
##
##                                     Df Deviance    AIC
## - Relative.Humidity.daily.mean..2.m.above.gnd.  1   992.48 1038.5
## - Snowfall.amount.raw.daily.sum..sfc.          1   992.83 1038.8
## - Total.Precipitation.daily.sum..sfc.          1   992.96 1039.0
## - High.Cloud.Cover.daily.min..high.cld.lay.    1   993.03 1039.0
## - Medium.Cloud.Cover.daily.min..mid.cld.lay.   1   993.33 1039.3
## - High.Cloud.Cover.daily.mean..high.cld.lay.   1   993.61 1039.6
## <none>                                           991.76 1039.8
## - Wind.Gust.daily.max..sfc.                    1   994.99 1041.0
## - Year                                           1   995.66 1041.7
## - X                                              1   995.74 1041.7
## - Wind.Speed.daily.max..10.m.above.gnd.        1   995.85 1041.8
## - Month                                          1   996.25 1042.2
## - Total.Cloud.Cover.daily.max..sfc.            1   996.92 1042.9
## - Wind.Speed.daily.min..10.m.above.gnd.        1   997.57 1043.6
## - Total.Cloud.Cover.daily.min..sfc.            1   997.74 1043.7
## - Wind.Direction.daily.mean..900.mb.          1   999.13 1045.1
## - Medium.Cloud.Cover.daily.mean..mid.cld.lay.  1   999.62 1045.6
## - High.Cloud.Cover.daily.max..high.cld.lay.    1   999.66 1045.7
## - Wind.Speed.daily.mean..80.m.above.gnd.       1  1000.48 1046.5
## - Temperature.daily.min..2.m.above.gnd.       1  1000.58 1046.6
## - Mean.Sea.Level.Pressure.daily.max..MSL.      1  1002.49 1048.5
## - Mean.Sea.Level.Pressure.daily.mean..MSL.     1  1004.61 1050.6
## - Temperature.daily.mean..2.m.above.gnd.      1  1005.51 1051.5
## - Mean.Sea.Level.Pressure.daily.min..MSL.      1  1010.92 1056.9
##
## Step: AIC=1038.48
## pluie.demain ~ X + Year + Month + Temperature.daily.mean..2.m.above.gnd. +
##   Mean.Sea.Level.Pressure.daily.mean..MSL. + Total.Precipitation.daily.sum..sfc. +
##   Snowfall.amount.raw.daily.sum..sfc. + High.Cloud.Cover.daily.mean..high.cld.lay. +
##   Medium.Cloud.Cover.daily.mean..mid.cld.lay. + Wind.Speed.daily.mean..80.m.above.gnd. +
##   Wind.Direction.daily.mean..900.mb. + Temperature.daily.min..2.m.above.gnd. +
##   Mean.Sea.Level.Pressure.daily.max..MSL. + Mean.Sea.Level.Pressure.daily.min..MSL. +
##   Total.Cloud.Cover.daily.max..sfc. + Total.Cloud.Cover.daily.min..sfc. +
##   High.Cloud.Cover.daily.max..high.cld.lay. + High.Cloud.Cover.daily.min..high.cld.lay. +

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## Medium.Cloud.Cover.daily.min..mid.cld.lay. + Wind.Speed.daily.max..10.m.above.gnd. +
## Wind.Speed.daily.min..10.m.above.gnd. + Wind.Gust.daily.max..sfc.
##
##
## Df Deviance AIC
## - Snowfall.amount.raw.daily.sum..sfc. 1 993.46 1037.5
## - High.Cloud.Cover.daily.min..high.cld.lay. 1 993.76 1037.8
## - Medium.Cloud.Cover.daily.min..mid.cld.lay. 1 994.21 1038.2
## - High.Cloud.Cover.daily.mean..high.cld.lay. 1 994.27 1038.3
## <none> 992.48 1038.5
## - Total.Precipitation.daily.sum..sfc. 1 994.48 1038.5
## - Wind.Gust.daily.max..sfc. 1 995.43 1039.4
## - Year 1 996.28 1040.3
## - X 1 996.35 1040.3
## - Wind.Speed.daily.max..10.m.above.gnd. 1 996.59 1040.6
## - Month 1 996.81 1040.8
## - Wind.Speed.daily.min..10.m.above.gnd. 1 997.98 1042.0
## - Total.Cloud.Cover.daily.max..sfc. 1 998.05 1042.0
## - Total.Cloud.Cover.daily.min..sfc. 1 998.93 1042.9
## - Wind.Direction.daily.mean..900.mb. 1 999.70 1043.7
## - High.Cloud.Cover.daily.max..high.cld.lay. 1 1000.24 1044.2
## - Medium.Cloud.Cover.daily.mean..mid.cld.lay. 1 1000.44 1044.4
## - Temperature.daily.min..2.m.above.gnd. 1 1000.59 1044.6
## - Wind.Speed.daily.mean..80.m.above.gnd. 1 1001.15 1045.2
## - Mean.Sea.Level.Pressure.daily.max..MSL. 1 1003.56 1047.6
## - Mean.Sea.Level.Pressure.daily.mean..MSL. 1 1005.77 1049.8
## - Temperature.daily.mean..2.m.above.gnd. 1 1006.13 1050.1
## - Mean.Sea.Level.Pressure.daily.min..MSL. 1 1012.13 1056.1
##
## Step: AIC=1037.46
## pluie.demain ~ X + Year + Month + Temperature.daily.mean..2.m.above.gnd. +
## Mean.Sea.Level.Pressure.daily.mean..MSL. + Total.Precipitation.daily.sum..sfc. +
## High.Cloud.Cover.daily.mean..high.cld.lay. + Medium.Cloud.Cover.daily.mean..mid.cld.lay. +
## Wind.Speed.daily.mean..80.m.above.gnd. + Wind.Direction.daily.mean..900.mb. +
## Temperature.daily.min..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.max..MSL. +
## Mean.Sea.Level.Pressure.daily.min..MSL. + Total.Cloud.Cover.daily.max..sfc. +
## Total.Cloud.Cover.daily.min..sfc. + High.Cloud.Cover.daily.max..high.cld.lay. +
## High.Cloud.Cover.daily.min..high.cld.lay. + Medium.Cloud.Cover.daily.min..mid.cld.lay. +
## Wind.Speed.daily.max..10.m.above.gnd. + Wind.Speed.daily.min..10.m.above.gnd. +
## Wind.Gust.daily.max..sfc.
##
##
## Df Deviance AIC
## - High.Cloud.Cover.daily.min..high.cld.lay. 1 994.69 1036.7
## - High.Cloud.Cover.daily.mean..high.cld.lay. 1 995.01 1037.0
## - Medium.Cloud.Cover.daily.min..mid.cld.lay. 1 995.30 1037.3
## - Total.Precipitation.daily.sum..sfc. 1 995.39 1037.4
## <none> 993.46 1037.5
## - Wind.Gust.daily.max..sfc. 1 996.91 1038.9
## - Wind.Speed.daily.max..10.m.above.gnd. 1 996.98 1039.0
## - Year 1 997.31 1039.3
## - X 1 997.38 1039.4
## - Month 1 997.87 1039.9
## - Wind.Speed.daily.min..10.m.above.gnd. 1 998.68 1040.7
## - Total.Cloud.Cover.daily.max..sfc. 1 999.25 1041.2
## - Total.Cloud.Cover.daily.min..sfc. 1 999.95 1042.0

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## - Wind.Direction.daily.mean..900.mb.          1 1000.50 1042.5
## - Medium.Cloud.Cover.daily.mean..mid.cld.lay. 1 1001.06 1043.1
## - High.Cloud.Cover.daily.max..high.cld.lay.   1 1001.07 1043.1
## - Temperature.daily.min..2.m.above.gnd.       1 1001.49 1043.5
## - Wind.Speed.daily.mean..80.m.above.gnd.      1 1001.55 1043.5
## - Mean.Sea.Level.Pressure.daily.max..MSL.     1 1005.17 1047.2
## - Mean.Sea.Level.Pressure.daily.mean..MSL.    1 1006.78 1048.8
## - Temperature.daily.mean..2.m.above.gnd.      1 1007.29 1049.3
## - Mean.Sea.Level.Pressure.daily.min..MSL.     1 1012.52 1054.5
##
## Step: AIC=1036.69
## pluie.demain ~ X + Year + Month + Temperature.daily.mean..2.m.above.gnd. +
##   Mean.Sea.Level.Pressure.daily.mean..MSL. + Total.Precipitation.daily.sum..sfc. +
##   High.Cloud.Cover.daily.mean..high.cld.lay. + Medium.Cloud.Cover.daily.mean..mid.cld.lay. +
##   Wind.Speed.daily.mean..80.m.above.gnd. + Wind.Direction.daily.mean..900.mb. +
##   Temperature.daily.min..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.max..MSL. +
##   Mean.Sea.Level.Pressure.daily.min..MSL. + Total.Cloud.Cover.daily.max..sfc. +
##   Total.Cloud.Cover.daily.min..sfc. + High.Cloud.Cover.daily.max..high.cld.lay. +
##   Medium.Cloud.Cover.daily.min..mid.cld.lay. + Wind.Speed.daily.max..10.m.above.gnd. +
##   Wind.Speed.daily.min..10.m.above.gnd. + Wind.Gust.daily.max..sfc.
##
##                                     Df Deviance   AIC
## - High.Cloud.Cover.daily.mean..high.cld.lay. 1 995.46 1035.5
## - Medium.Cloud.Cover.daily.min..mid.cld.lay. 1 995.76 1035.8
## - Total.Precipitation.daily.sum..sfc.         1 996.25 1036.2
## <none>                                         994.69 1036.7
## - Wind.Speed.daily.max..10.m.above.gnd.      1 998.10 1038.1
## - Wind.Gust.daily.max..sfc.                  1 998.18 1038.2
## - Year                                         1 998.68 1038.7
## - X                                           1 998.76 1038.8
## - Month                                       1 999.29 1039.3
## - Wind.Speed.daily.min..10.m.above.gnd.      1 999.99 1040.0
## - Total.Cloud.Cover.daily.max..sfc.         1 1000.45 1040.5
## - Total.Cloud.Cover.daily.min..sfc.         1 1001.29 1041.3
## - High.Cloud.Cover.daily.max..high.cld.lay. 1 1001.49 1041.5
## - Medium.Cloud.Cover.daily.mean..mid.cld.lay. 1 1001.81 1041.8
## - Wind.Direction.daily.mean..900.mb.        1 1001.86 1041.9
## - Temperature.daily.min..2.m.above.gnd.      1 1002.30 1042.3
## - Wind.Speed.daily.mean..80.m.above.gnd.     1 1002.68 1042.7
## - Mean.Sea.Level.Pressure.daily.max..MSL.    1 1006.34 1046.3
## - Mean.Sea.Level.Pressure.daily.mean..MSL.   1 1007.94 1047.9
## - Temperature.daily.mean..2.m.above.gnd.     1 1007.96 1048.0
## - Mean.Sea.Level.Pressure.daily.min..MSL.    1 1013.67 1053.7
##
## Step: AIC=1035.46
## pluie.demain ~ X + Year + Month + Temperature.daily.mean..2.m.above.gnd. +
##   Mean.Sea.Level.Pressure.daily.mean..MSL. + Total.Precipitation.daily.sum..sfc. +
##   Medium.Cloud.Cover.daily.mean..mid.cld.lay. + Wind.Speed.daily.mean..80.m.above.gnd. +
##   Wind.Direction.daily.mean..900.mb. + Temperature.daily.min..2.m.above.gnd. +
##   Mean.Sea.Level.Pressure.daily.max..MSL. + Mean.Sea.Level.Pressure.daily.min..MSL. +
##   Total.Cloud.Cover.daily.max..sfc. + Total.Cloud.Cover.daily.min..sfc. +
##   High.Cloud.Cover.daily.max..high.cld.lay. + Medium.Cloud.Cover.daily.min..mid.cld.lay. +
##   Wind.Speed.daily.max..10.m.above.gnd. + Wind.Speed.daily.min..10.m.above.gnd. +
##   Wind.Gust.daily.max..sfc.

```



```

##
##
## - Medium.Cloud.Cover.daily.min..mid.cld.lay.    1    996.69 1034.7
## - Total.Precipitation.daily.sum..sfc.            1    997.17 1035.2
## <none>                                           995.46 1035.5
## - Wind.Gust.daily.max..sfc.                      1    998.71 1036.7
## - Wind.Speed.daily.max..10.m.above.gnd.          1    999.32 1037.3
## - Year                                            1    999.40 1037.4
## - X                                              1    999.48 1037.5
## - Month                                          1   1000.02 1038.0
## - Wind.Speed.daily.min..10.m.above.gnd.          1   1001.02 1039.0
## - Total.Cloud.Cover.daily.max..sfc.              1   1001.50 1039.5
## - Medium.Cloud.Cover.daily.mean..mid.cld.lay.    1   1001.91 1039.9
## - High.Cloud.Cover.daily.max..high.cld.lay.      1   1002.17 1040.2
## - Total.Cloud.Cover.daily.min..sfc.              1   1002.32 1040.3
## - Wind.Direction.daily.mean..900.mb.             1   1002.93 1040.9
## - Temperature.daily.min..2.m.above.gnd.          1   1002.99 1041.0
## - Wind.Speed.daily.mean..80.m.above.gnd.         1   1003.75 1041.8
## - Mean.Sea.Level.Pressure.daily.max..MSL.         1   1007.13 1045.1
## - Temperature.daily.mean..2.m.above.gnd.         1   1008.52 1046.5
## - Mean.Sea.Level.Pressure.daily.mean..MSL.        1   1008.73 1046.7
## - Mean.Sea.Level.Pressure.daily.min..MSL.        1   1014.47 1052.5
##
## Step:  AIC=1034.69
## pluie.demain ~ X + Year + Month + Temperature.daily.mean..2.m.above.gnd. +
##   Mean.Sea.Level.Pressure.daily.mean..MSL. + Total.Precipitation.daily.sum..sfc. +
##   Medium.Cloud.Cover.daily.mean..mid.cld.lay. + Wind.Speed.daily.mean..80.m.above.gnd. +
##   Wind.Direction.daily.mean..900.mb. + Temperature.daily.min..2.m.above.gnd. +
##   Mean.Sea.Level.Pressure.daily.max..MSL. + Mean.Sea.Level.Pressure.daily.min..MSL. +
##   Total.Cloud.Cover.daily.max..sfc. + Total.Cloud.Cover.daily.min..sfc. +
##   High.Cloud.Cover.daily.max..high.cld.lay. + Wind.Speed.daily.max..10.m.above.gnd. +
##   Wind.Speed.daily.min..10.m.above.gnd. + Wind.Gust.daily.max..sfc.
##
##
##
## - Total.Precipitation.daily.sum..sfc.            1    998.61 1034.6
## <none>                                           996.69 1034.7
## - Wind.Gust.daily.max..sfc.                      1    999.96 1036.0
## - Wind.Speed.daily.max..10.m.above.gnd.          1   1000.63 1036.6
## - Year                                            1   1000.64 1036.6
## - X                                              1   1000.71 1036.7
## - Month                                          1   1001.24 1037.2
## - Medium.Cloud.Cover.daily.mean..mid.cld.lay.    1   1002.15 1038.2
## - Wind.Speed.daily.min..10.m.above.gnd.          1   1002.30 1038.3
## - Total.Cloud.Cover.daily.min..sfc.              1   1002.36 1038.4
## - Total.Cloud.Cover.daily.max..sfc.              1   1002.97 1039.0
## - High.Cloud.Cover.daily.max..high.cld.lay.      1   1004.05 1040.0
## - Temperature.daily.min..2.m.above.gnd.          1   1004.19 1040.2
## - Wind.Direction.daily.mean..900.mb.             1   1004.63 1040.6
## - Wind.Speed.daily.mean..80.m.above.gnd.         1   1005.02 1041.0
## - Mean.Sea.Level.Pressure.daily.max..MSL.         1   1008.17 1044.2
## - Temperature.daily.mean..2.m.above.gnd.         1   1009.60 1045.6
## - Mean.Sea.Level.Pressure.daily.mean..MSL.        1   1009.62 1045.6
## - Mean.Sea.Level.Pressure.daily.min..MSL.        1   1015.17 1051.2
##

```

```
## Step: AIC=1034.61
## pluie.demain ~ X + Year + Month + Temperature.daily.mean..2.m.above.gnd. +
##   Mean.Sea.Level.Pressure.daily.mean..MSL. + Medium.Cloud.Cover.daily.mean..mid.cld.lay. +
##   Wind.Speed.daily.mean..80.m.above.gnd. + Wind.Direction.daily.mean..900.mb. +
##   Temperature.daily.min..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.max..MSL. +
##   Mean.Sea.Level.Pressure.daily.min..MSL. + Total.Cloud.Cover.daily.max..sfc. +
##   Total.Cloud.Cover.daily.min..sfc. + High.Cloud.Cover.daily.max..high.cld.lay. +
##   Wind.Speed.daily.max..10.m.above.gnd. + Wind.Speed.daily.min..10.m.above.gnd. +
##   Wind.Gust.daily.max..sfc.
##
##
##           Df Deviance   AIC
## <none>           998.61 1034.6
## - Wind.Gust.daily.max..sfc.      1 1002.37 1036.4
## - Year                          1 1002.47 1036.5
## - Wind.Speed.daily.max..10.m.above.gnd. 1 1002.51 1036.5
## - X                            1 1002.54 1036.5
## - Month                        1 1003.08 1037.1
## - Wind.Speed.daily.min..10.m.above.gnd. 1 1004.22 1038.2
## - Total.Cloud.Cover.daily.max..sfc.    1 1004.46 1038.5
## - Temperature.daily.min..2.m.above.gnd. 1 1004.95 1039.0
## - Total.Cloud.Cover.daily.min..sfc.    1 1005.12 1039.1
## - High.Cloud.Cover.daily.max..high.cld.lay. 1 1005.59 1039.6
## - Medium.Cloud.Cover.daily.mean..mid.cld.lay. 1 1006.65 1040.7
## - Wind.Speed.daily.mean..80.m.above.gnd. 1 1006.80 1040.8
## - Wind.Direction.daily.mean..900.mb.    1 1007.57 1041.6
## - Mean.Sea.Level.Pressure.daily.max..MSL. 1 1009.32 1043.3
## - Temperature.daily.mean..2.m.above.gnd. 1 1010.28 1044.3
## - Mean.Sea.Level.Pressure.daily.mean..MSL. 1 1010.86 1044.9
## - Mean.Sea.Level.Pressure.daily.min..MSL. 1 1016.58 1050.6
```

```
summary(final_model2)
```

```
##
## Call:
## glm(formula = pluie.demain ~ X + Year + Month + Temperature.daily.mean..2.m.above.gnd. +
##   Mean.Sea.Level.Pressure.daily.mean..MSL. + Medium.Cloud.Cover.daily.mean..mid.cld.lay. +
##   Wind.Speed.daily.mean..80.m.above.gnd. + Wind.Direction.daily.mean..900.mb. +
##   Temperature.daily.min..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.max..MSL. +
##   Mean.Sea.Level.Pressure.daily.min..MSL. + Total.Cloud.Cover.daily.max..sfc. +
##   Total.Cloud.Cover.daily.min..sfc. + High.Cloud.Cover.daily.max..high.cld.lay. +
##   Wind.Speed.daily.max..10.m.above.gnd. + Wind.Speed.daily.min..10.m.above.gnd. +
##   Wind.Gust.daily.max..sfc., family = "binomial", data = d_train)
##
## Deviance Residuals:
##      Min       1Q   Median       3Q      Max
## -2.5220  -0.8485   0.1331   0.8364   2.9046
##
## Coefficients:
##              Estimate Std. Error z value
## (Intercept)    1.323e+04  6.721e+03   1.969
## X              1.809e-02  9.155e-03   1.976
## Year          -6.547e+00  3.343e+00  -1.959
## Month         -5.931e-01  2.818e-01  -2.104
## Temperature.daily.mean..2.m.above.gnd.    1.861e-01  5.515e-02   3.375
```

```
## Mean.Sea.Level.Pressure.daily.mean..MSL.      5.053e-01  1.510e-01  3.347
## Medium.Cloud.Cover.daily.mean..mid.cld.lay.    1.205e-02  4.276e-03  2.818
## Wind.Speed.daily.mean..80.m.above.gnd.         -9.195e-02  3.237e-02 -2.841
## Wind.Direction.daily.mean..900.mb.             3.536e-03  1.190e-03  2.973
## Temperature.daily.min..2.m.above.gnd.          -1.496e-01  5.986e-02 -2.500
## Mean.Sea.Level.Pressure.daily.max..MSL.         -2.582e-01  8.022e-02 -3.218
## Mean.Sea.Level.Pressure.daily.min..MSL.         -3.193e-01  8.202e-02 -3.894
## Total.Cloud.Cover.daily.max..sfc.              7.951e-03  3.367e-03  2.361
## Total.Cloud.Cover.daily.min..sfc.              1.124e-02  4.511e-03  2.491
## High.Cloud.Cover.daily.max..high.cld.lay.       6.072e-03  2.296e-03  2.644
## Wind.Speed.daily.max..10.m.above.gnd.           4.784e-02  2.440e-02  1.960
## Wind.Speed.daily.min..10.m.above.gnd.           9.545e-02  4.050e-02  2.357
## Wind.Gust.daily.max..sfc.                      2.302e-02  1.193e-02  1.929
##
## Pr(>|z|)
## (Intercept)                                0.048997 *
## X                                           0.048153 *
## Year                                       0.050167 .
## Month                                    0.035336 *
## Temperature.daily.mean..2.m.above.gnd.      0.000739 ***
## Mean.Sea.Level.Pressure.daily.mean..MSL.     0.000817 ***
## Medium.Cloud.Cover.daily.mean..mid.cld.lay. 0.004829 **
## Wind.Speed.daily.mean..80.m.above.gnd.       0.004498 **
## Wind.Direction.daily.mean..900.mb.          0.002951 **
## Temperature.daily.min..2.m.above.gnd.        0.012431 *
## Mean.Sea.Level.Pressure.daily.max..MSL.      0.001289 **
## Mean.Sea.Level.Pressure.daily.min..MSL.      9.88e-05 ***
## Total.Cloud.Cover.daily.max..sfc.           0.018220 *
## Total.Cloud.Cover.daily.min..sfc.           0.012729 *
## High.Cloud.Cover.daily.max..high.cld.lay.    0.008189 **
## Wind.Speed.daily.max..10.m.above.gnd.        0.049944 *
## Wind.Speed.daily.min..10.m.above.gnd.        0.018440 *
## Wind.Gust.daily.max..sfc.                   0.053735 .
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for binomial family taken to be 1)
##
## Null deviance: 1319.74 on 951 degrees of freedom
## Residual deviance: 998.61 on 934 degrees of freedom
## AIC: 1034.6
##
## Number of Fisher Scoring iterations: 5
```

```
anova(final_model1,final_model2,test = "Chisq")
```

```
## Analysis of Deviance Table
```

```
##
```

```
## Model 1: pluie.demain ~ Mean.Sea.Level.Pressure.daily.min..MSL. + High.Cloud.Cover.daily.max..high.cld.lay. +
## Wind.Direction.daily.mean..900.mb. + Medium.Cloud.Cover.daily.mean..mid.cld.lay. +
## Shortwave.Radiation.daily.sum..sfc. + Wind.Gust.daily.max..sfc. +
## Total.Cloud.Cover.daily.min..sfc. + Year + Total.Cloud.Cover.daily.max..sfc. +
## Day + Wind.Speed.daily.mean..80.m.above.gnd. + Wind.Speed.daily.min..10.m.above.gnd. +
## Wind.Speed.daily.max..80.m.above.gnd. + Temperature.daily.max..2.m.above.gnd. +
## Month + Temperature.daily.min..2.m.above.gnd. + Relative.Humidity.daily.mean..2.m.above.gnd.
```

```
## Model 2: pluie.demain ~ X + Year + Month + Temperature.daily.mean..2.m.above.gnd. +
## Mean.Sea.Level.Pressure.daily.mean..MSL. + Medium.Cloud.Cover.daily.mean..mid.cld.lay. +
## Wind.Speed.daily.mean..80.m.above.gnd. + Wind.Direction.daily.mean..900.mb. +
## Temperature.daily.min..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.max..MSL. +
## Mean.Sea.Level.Pressure.daily.min..MSL. + Total.Cloud.Cover.daily.max..sfc. +
## Total.Cloud.Cover.daily.min..sfc. + High.Cloud.Cover.daily.max..high.cld.lay. +
## Wind.Speed.daily.max..10.m.above.gnd. + Wind.Speed.daily.min..10.m.above.gnd. +
## Wind.Gust.daily.max..sfc.
## Resid. Df Resid. Dev Df Deviance Pr(>Chi)
## 1      934      1008.40
## 2      934      998.61  0    9.7925
```

```
compare_performance(final_model1,final_model2) %>%
  as_tibble()
```

```
## # A tibble: 2 x 15
##   Name      Model   AIC  AIC_wt  AICc  AICc_wt  BIC  BIC_wt  R2_Tjur  RMSE Sigma
##   <chr>      <chr> <dbl>   <dbl> <dbl>   <dbl> <dbl>   <dbl>   <dbl> <dbl> <dbl>
## 1 final_mod~ glm   1044. 0.00742 1045. 0.00742 1132. 0.00742  0.295 0.419  1.04
## 2 final_mod~ glm   1035. 0.993   1035. 0.993   1122. 0.993    0.302 0.417  1.03
## # i 4 more variables: Log_loss <dbl>, Score_log <dbl>, Score_spherical <dbl>,
## # PCP <dbl>
```

#Conclusion : #En comparant les résultats fournis, on peut observer que “final_model2” présente des valeurs d’AIC et d’AICc plus faibles que celles de “final_model1”. Donc, “final_model2” offre un meilleur ajustement aux données par rapport à “final_model1”, pour cela nous allons choisir final_mode2.

```
library(leaps)
choix_modele=regsubsets(pluie.demain ~ X + Year + Month + Temperature.daily.mean..2.m.above.gnd. +
  Mean.Sea.Level.Pressure.daily.mean..MSL. + Medium.Cloud.Cover.daily.mean..mid.cld.lay. +
  Wind.Speed.daily.mean..80.m.above.gnd. + Wind.Direction.daily.mean..900.mb. +
  Temperature.daily.min..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.max..MSL. +
  Mean.Sea.Level.Pressure.daily.min..MSL. + Total.Cloud.Cover.daily.max..sfc. +
  Total.Cloud.Cover.daily.min..sfc. + High.Cloud.Cover.daily.max..high.cld.lay. +
  Wind.Speed.daily.max..10.m.above.gnd. + Wind.Speed.daily.min..10.m.above.gnd. +
  Wind.Gust.daily.max..sfc., data = d_train )
resume=summary(choix_modele)
print(resume)
```

```
## Subset selection object
## Call: regsubsets.formula(pluie.demain ~ X + Year + Month + Temperature.daily.mean..2.m.above.gnd. +
## Mean.Sea.Level.Pressure.daily.mean..MSL. + Medium.Cloud.Cover.daily.mean..mid.cld.lay. +
## Wind.Speed.daily.mean..80.m.above.gnd. + Wind.Direction.daily.mean..900.mb. +
## Temperature.daily.min..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.max..MSL. +
## Mean.Sea.Level.Pressure.daily.min..MSL. + Total.Cloud.Cover.daily.max..sfc. +
## Total.Cloud.Cover.daily.min..sfc. + High.Cloud.Cover.daily.max..high.cld.lay. +
## Wind.Speed.daily.max..10.m.above.gnd. + Wind.Speed.daily.min..10.m.above.gnd. +
## Wind.Gust.daily.max..sfc., data = d_train)
## 17 Variables (and intercept)
##
##              Forced in Forced out
## X              FALSE      FALSE
## Year            FALSE      FALSE
```

```

## Month                                     FALSE      FALSE
## Temperature.daily.mean..2.m.above.gnd.   FALSE      FALSE
## Mean.Sea.Level.Pressure.daily.mean..MSL.  FALSE      FALSE
## Medium.Cloud.Cover.daily.mean..mid.cld.lay. FALSE     FALSE
## Wind.Speed.daily.mean..80.m.above.gnd.    FALSE     FALSE
## Wind.Direction.daily.mean..900.mb.        FALSE     FALSE
## Temperature.daily.min..2.m.above.gnd.     FALSE     FALSE
## Mean.Sea.Level.Pressure.daily.max..MSL.    FALSE     FALSE
## Mean.Sea.Level.Pressure.daily.min..MSL.    FALSE     FALSE
## Total.Cloud.Cover.daily.max..sfc.         FALSE     FALSE
## Total.Cloud.Cover.daily.min..sfc.         FALSE     FALSE
## High.Cloud.Cover.daily.max..high.cld.lay. FALSE     FALSE
## Wind.Speed.daily.max..10.m.above.gnd.     FALSE     FALSE
## Wind.Speed.daily.min..10.m.above.gnd.     FALSE     FALSE
## Wind.Gust.daily.max..sfc.                 FALSE     FALSE
## 1 subsets of each size up to 8
## Selection Algorithm: exhaustive
##      X   Year Month Temperature.daily.mean..2.m.above.gnd.
## 1  ( 1 ) " " " " " " " "
## 2  ( 1 ) " " " " " " " "
## 3  ( 1 ) " " " " " " " "
## 4  ( 1 ) " " " " " " " "
## 5  ( 1 ) " " " " " " "*"
## 6  ( 1 ) " " " " "*" "*"
## 7  ( 1 ) " " " " "*" "*"
## 8  ( 1 ) " " " " "*" "*"
##      Mean.Sea.Level.Pressure.daily.mean..MSL.
## 1  ( 1 ) " "
## 2  ( 1 ) " "
## 3  ( 1 ) " "
## 4  ( 1 ) " "
## 5  ( 1 ) " "
## 6  ( 1 ) " "
## 7  ( 1 ) " "
## 8  ( 1 ) " "
##      Medium.Cloud.Cover.daily.mean..mid.cld.lay.
## 1  ( 1 ) " "
## 2  ( 1 ) " "
## 3  ( 1 ) "*"
## 4  ( 1 ) "*"
## 5  ( 1 ) "*"
## 6  ( 1 ) "*"
## 7  ( 1 ) "*"
## 8  ( 1 ) "*"
##      Wind.Speed.daily.mean..80.m.above.gnd.
## 1  ( 1 ) " "
## 2  ( 1 ) " "
## 3  ( 1 ) " "
## 4  ( 1 ) " "
## 5  ( 1 ) " "
## 6  ( 1 ) " "
## 7  ( 1 ) " "
## 8  ( 1 ) " "
##      Wind.Direction.daily.mean..900.mb.

```

```

## 1 ( 1 ) " "
## 2 ( 1 ) " "
## 3 ( 1 ) " "
## 4 ( 1 ) "*"
## 5 ( 1 ) " "
## 6 ( 1 ) " "
## 7 ( 1 ) "*"
## 8 ( 1 ) "*"
##      Temperature.daily.min..2.m.above.gnd.
## 1 ( 1 ) " "
## 2 ( 1 ) " "
## 3 ( 1 ) " "
## 4 ( 1 ) " "
## 5 ( 1 ) " "
## 6 ( 1 ) " "
## 7 ( 1 ) " "
## 8 ( 1 ) " "
##      Mean.Sea.Level.Pressure.daily.max..MSL.
## 1 ( 1 ) " "
## 2 ( 1 ) " "
## 3 ( 1 ) " "
## 4 ( 1 ) " "
## 5 ( 1 ) " "
## 6 ( 1 ) " "
## 7 ( 1 ) " "
## 8 ( 1 ) " "
##      Mean.Sea.Level.Pressure.daily.min..MSL.
## 1 ( 1 ) "*"
## 2 ( 1 ) "*"
## 3 ( 1 ) "*"
## 4 ( 1 ) "*"
## 5 ( 1 ) "*"
## 6 ( 1 ) "*"
## 7 ( 1 ) "*"
## 8 ( 1 ) "*"
##      Total.Cloud.Cover.daily.max..sfc. Total.Cloud.Cover.daily.min..sfc.
## 1 ( 1 ) " " " "
## 2 ( 1 ) " " " "
## 3 ( 1 ) " " " "
## 4 ( 1 ) " " " "
## 5 ( 1 ) " " " "
## 6 ( 1 ) " " " "
## 7 ( 1 ) " " " "
## 8 ( 1 ) "*" " "
##      High.Cloud.Cover.daily.max..high.cld.lay.
## 1 ( 1 ) " "
## 2 ( 1 ) "*"
## 3 ( 1 ) "*"
## 4 ( 1 ) "*"
## 5 ( 1 ) "*"
## 6 ( 1 ) "*"
## 7 ( 1 ) "*"
## 8 ( 1 ) "*"
##      Wind.Speed.daily.max..10.m.above.gnd.

```

#Représentation graphique pour vérifier les variables significatives afin d'ajuster le modèle proposé si c'est nécessaire :



```
## [1] "R2"

## [1] 0.1574792 0.2149643 0.2287843 0.2384247 0.2454978 0.2509756 0.2570838
## [8] 0.2602884

## [1] "R2 ajuste"

## [1] 0.1565923 0.2133099 0.2263438 0.2352080 0.2415099 0.2462199 0.2515749
## [8] 0.2540130

## [1] "Cp Mallows"

## [1] 155.88216 82.56440 66.45722 55.82622 48.55906 43.38196 37.37885
## [8] 35.18014

## [1] "BIC"

## [1] -149.4147 -209.8332 -219.8832 -224.9999 -227.0242 -227.1025 -228.0393
## [8] -225.2961
```

Modèle basé sur les variables retenues d'après full_model2

```
mod <- glm(pluie.demain ~ X + Year + Month + Temperature.daily.mean..2.m.above.gnd. +
  Mean.Sea.Level.Pressure.daily.mean..MSL. + Medium.Cloud.Cover.daily.mean..mid.cld.lay. +
  Wind.Speed.daily.mean..80.m.above.gnd. + Wind.Direction.daily.mean..900.mb. +
  Temperature.daily.min..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.max..MSL. +
  Mean.Sea.Level.Pressure.daily.min..MSL. + Total.Cloud.Cover.daily.max..sfc. +
  Total.Cloud.Cover.daily.min..sfc. + High.Cloud.Cover.daily.max..high.cld.lay. +
  Wind.Speed.daily.max..10.m.above.gnd. + Wind.Speed.daily.min..10.m.above.gnd. +
  Wind.Gust.daily.max..sfc., data = d_train)

modele_choisi <- step(mod)

## Start: AIC=1097.67
## pluie.demain ~ X + Year + Month + Temperature.daily.mean..2.m.above.gnd. +
##   Mean.Sea.Level.Pressure.daily.mean..MSL. + Medium.Cloud.Cover.daily.mean..mid.cld.lay. +
##   Wind.Speed.daily.mean..80.m.above.gnd. + Wind.Direction.daily.mean..900.mb. +
##   Temperature.daily.min..2.m.above.gnd. + Mean.Sea.Level.Pressure.daily.max..MSL. +
##   Mean.Sea.Level.Pressure.daily.min..MSL. + Total.Cloud.Cover.daily.max..sfc. +
##   Total.Cloud.Cover.daily.min..sfc. + High.Cloud.Cover.daily.max..high.cld.lay. +
##   Wind.Speed.daily.max..10.m.above.gnd. + Wind.Speed.daily.min..10.m.above.gnd. +
##   Wind.Gust.daily.max..sfc.
##
##               Df Deviance    AIC
## <none>                169.66 1097.7
## - Year                 1   170.20 1098.7
## - X                    1   170.21 1098.8
## - Wind.Speed.daily.max..10.m.above.gnd. 1   170.30 1099.3
## - Month                1   170.31 1099.3
```



```
## - Total.Cloud.Cover.daily.min..sfc.      1  170.57 1100.8
## - Total.Cloud.Cover.daily.max..sfc.      1  170.61 1101.0
## - Wind.Gust.daily.max..sfc.              1  170.65 1101.2
## - Wind.Speed.daily.min..10.m.above.gnd.   1  170.74 1101.7
## - Temperature.daily.min..2.m.above.gnd.   1  170.83 1102.2
## - Mean.Sea.Level.Pressure.daily.max..MSL.  1  171.20 1104.3
## - High.Cloud.Cover.daily.max..high.cld.lay. 1  171.31 1104.9
## - Wind.Direction.daily.mean..900.mb.      1  171.38 1105.3
## - Wind.Speed.daily.mean..80.m.above.gnd.   1  171.40 1105.4
## - Mean.Sea.Level.Pressure.daily.mean..MSL.  1  171.40 1105.4
## - Medium.Cloud.Cover.daily.mean..mid.cld.lay. 1  171.42 1105.5
## - Temperature.daily.mean..2.m.above.gnd.   1  171.72 1107.2
## - Mean.Sea.Level.Pressure.daily.min..MSL.  1  172.33 1110.6
```

```
pred = predict(mod, newdata = d_test, type = "response")
pred <- pred>=0.5
d_test$pred1 = pred
```

```
matrice_confusion <- table(pred, d_test$pluie.demain)
```

```
confusionMatrix(matrice_confusion)
```

```
## Confusion Matrix and Statistics
```

```
##
```

```
##
```

```
## pred    FALSE TRUE
```

```
## FALSE    74    30
```

```
## TRUE     31    93
```

```
##
```

```
##           Accuracy : 0.7325
```

```
##           95% CI : (0.67, 0.7887)
```

```
## No Information Rate : 0.5395
```

```
## P-Value [Acc > NIR] : 1.655e-09
```

```
##
```

```
##           Kappa : 0.4612
```

```
##
```

```
## McNemar's Test P-Value : 1
```

```
##
```

```
##           Sensitivity : 0.7048
```

```
##           Specificity : 0.7561
```

```
##           Pos Pred Value : 0.7115
```

```
##           Neg Pred Value : 0.7500
```

```
##           Prevalence : 0.4605
```

```
##           Detection Rate : 0.3246
```

```
## Detection Prevalence : 0.4561
```

```
##           Balanced Accuracy : 0.7304
```

```
##
```

```
##           'Positive' Class : FALSE
```

```
##
```

#Avec un nouveau model basé sur les graphiques #Nous avons dans ce cas enlevé quelques variables en se basant sur le résultats de la fonction regsubsets et les graphiques obtenues.

```
mod1 <- glm(pluie.demain ~ Month + Temperature.daily.mean..2.m.above.gnd.
+ Medium.Cloud.Cover.daily.mean..mid.cld.lay. + Wind.Direction.daily.mean..900.mb. +
Mean.Sea.Level.Pressure.daily.min..MSL. + High.Cloud.Cover.daily.max..high.cld.lay. +
Wind.Gust.daily.max..sfc., data = d_train)

modele_choisi1<- step(mod1)
```

```
## Start: AIC=1116.98
## pluie.demain ~ Month + Temperature.daily.mean..2.m.above.gnd. +
## Medium.Cloud.Cover.daily.mean..mid.cld.lay. + Wind.Direction.daily.mean..900.mb. +
## Mean.Sea.Level.Pressure.daily.min..MSL. + High.Cloud.Cover.daily.max..high.cld.lay. +
## Wind.Gust.daily.max..sfc.
##
##
```

	Df	Deviance	AIC
<none>		176.81	1117.0
- Wind.Direction.daily.mean..900.mb.	1	178.26	1122.8
- Month	1	178.28	1122.9
- Wind.Gust.daily.max..sfc.	1	178.79	1125.6
- High.Cloud.Cover.daily.max..high.cld.lay.	1	179.36	1128.6
- Temperature.daily.mean..2.m.above.gnd.	1	179.43	1129.0
- Medium.Cloud.Cover.daily.mean..mid.cld.lay.	1	179.62	1130.0
- Mean.Sea.Level.Pressure.daily.min..MSL.	1	184.04	1153.1

```
pred_new = predict(mod1, newdata = d_test, type = "response")
pred_new <- pred_new>=0.5
d_test$pred2 = pred_new
```

```
matrice_confusion <- table(pred, d_test$pluie.demain)
```

```
confusionMatrix(matrice_confusion)
```

```
## Confusion Matrix and Statistics
##
##
## pred    FALSE TRUE
## FALSE    74    30
## TRUE     31    93
##
##          Accuracy : 0.7325
##          95% CI : (0.67, 0.7887)
##    No Information Rate : 0.5395
##    P-Value [Acc > NIR] : 1.655e-09
##
##          Kappa : 0.4612
##
## Mcnemar's Test P-Value : 1
##
##          Sensitivity : 0.7048
##          Specificity : 0.7561
```

```
##          Pos Pred Value : 0.7115
##          Neg Pred Value : 0.7500
##          Prevalence : 0.4605
##          Detection Rate : 0.3246
##          Detection Prevalence : 0.4561
##          Balanced Accuracy : 0.7304
##
##          'Positive' Class : FALSE
##
```

#Conclusion :

En comparant les chiffres, on remarque qu'on obtient le même pourcentage de précision pour les deux modèles.

#Prévision avec les données du fichier meteo.test #Nous allons utiliser le modèle mod1 qui a une précision de 73.25% puis nous allons ajouter la colonne de prévision pluie.demain pour compléter le tableau meter.test

```
## Start: AIC=1116.98
## pluie.demain ~ Month + Temperature.daily.mean..2.m.above.gnd. +
##      Medium.Cloud.Cover.daily.mean..mid.cld.lay. + Wind.Direction.daily.mean..900.mb. +
##      Mean.Sea.Level.Pressure.daily.min..MSL. + High.Cloud.Cover.daily.max..high.cld.lay. +
##      Wind.Gust.daily.max..sfc.
##
```

	Df	Deviance	AIC
## <none>		176.81	1117.0
## - Wind.Direction.daily.mean..900.mb.	1	178.26	1122.8
## - Month	1	178.28	1122.9
## - Wind.Gust.daily.max..sfc.	1	178.79	1125.6
## - High.Cloud.Cover.daily.max..high.cld.lay.	1	179.36	1128.6
## - Temperature.daily.mean..2.m.above.gnd.	1	179.43	1129.0
## - Medium.Cloud.Cover.daily.mean..mid.cld.lay.	1	179.62	1130.0
## - Mean.Sea.Level.Pressure.daily.min..MSL.	1	184.04	1153.1

	X	Year	Month	Day	Hour	Minute	Temperature.daily.mean..2.m.above.gnd.
## 1	36	2010	7	6	0	0	19.36
## 2	44	2010	7	14	0	0	25.74
## 3	54	2010	7	24	0	0	16.42
## 4	58	2010	7	28	0	0	17.96
## 5	74	2010	8	13	0	0	17.93
## 6	86	2010	8	25	0	0	18.02
## 7	88	2010	8	27	0	0	20.73
## 8	90	2010	8	29	0	0	14.12
## 9	98	2010	9	6	0	0	15.76
## 10	132	2010	10	10	0	0	12.92
## 11	146	2010	10	24	0	0	8.94
## 12	164	2010	11	11	0	0	6.50
## 13	174	2010	11	21	0	0	4.39
## 14	178	2010	11	25	0	0	3.66
## 15	182	2010	11	29	0	0	0.25
## 16	186	2010	12	3	0	0	-2.89
## 17	188	2010	12	5	0	0	0.34
## 18	194	2010	12	11	0	0	3.17
## 19	200	2010	12	17	0	0	-0.74

## 20	202	2010	12	19	0	0	2.81
## 21	214	2010	12	31	0	0	-0.11
## 22	218	2011	1	4	0	0	-1.47
## 23	234	2011	1	20	0	0	0.85
## 24	258	2011	2	13	0	0	7.43
## 25	320	2011	4	16	0	0	10.12
## 26	342	2011	5	8	0	0	19.30
## 27	352	2011	5	18	0	0	18.00
## 28	354	2011	5	20	0	0	19.07
## 29	358	2011	5	24	0	0	19.00
## 30	380	2011	6	15	0	0	18.69
## 31	382	2011	6	17	0	0	18.51
## 32	386	2011	6	21	0	0	21.60
## 33	400	2011	7	5	0	0	21.38
## 34	420	2011	7	25	0	0	15.56
## 35	426	2011	7	31	0	0	16.45
## 36	434	2011	8	8	0	0	16.29
## 37	440	2011	8	14	0	0	21.25
## 38	444	2011	8	18	0	0	25.14
## 39	450	2011	8	24	0	0	24.88
## 40	458	2011	9	1	0	0	20.11
## 41	484	2011	9	27	0	0	19.74
## 42	502	2011	10	15	0	0	7.62
## 43	510	2011	10	23	0	0	7.53
## 44	516	2011	10	29	0	0	12.65
## 45	520	2011	11	2	0	0	12.04
## 46	530	2011	11	12	0	0	7.37
## 47	540	2011	11	22	0	0	6.21
## 48	558	2011	12	10	0	0	6.36
## 49	564	2011	12	16	0	0	6.95
## 50	578	2011	12	30	0	0	3.87
## 51	580	2012	1	1	0	0	11.31
## 52	582	2012	1	3	0	0	5.95
## 53	598	2012	1	19	0	0	6.72
## 54	604	2012	1	25	0	0	4.67
## 55	608	2012	1	29	0	0	2.76
## 56	618	2012	2	8	0	0	-4.94
## 57	620	2012	2	10	0	0	-5.04
## 58	630	2012	2	20	0	0	1.22
## 59	646	2012	3	7	0	0	5.21
## 60	650	2012	3	11	0	0	7.12
## 61	654	2012	3	15	0	0	10.91
## 62	676	2012	4	6	0	0	10.01
## 63	680	2012	4	10	0	0	12.35
## 64	686	2012	4	16	0	0	7.09
## 65	702	2012	5	2	0	0	14.29
## 66	730	2012	5	30	0	0	19.59
## 67	734	2012	6	3	0	0	18.78
## 68	758	2012	6	27	0	0	20.31
## 69	762	2012	7	1	0	0	17.23
## 70	770	2012	7	9	0	0	18.75
## 71	786	2012	7	25	0	0	23.34
## 72	790	2012	7	29	0	0	19.20
## 73	824	2012	9	1	0	0	13.25

## 74	828	2012	9	5	0	0	18.31
## 75	830	2012	9	7	0	0	17.18
## 76	840	2012	9	17	0	0	18.56
## 77	874	2012	10	21	0	0	16.10
## 78	888	2012	11	4	0	0	11.70
## 79	894	2012	11	10	0	0	10.79
## 80	908	2012	11	24	0	0	9.58
## 81	924	2012	12	10	0	0	2.37
## 82	928	2012	12	14	0	0	3.07
## 83	930	2012	12	16	0	0	8.00
## 84	944	2012	12	30	0	0	7.63
## 85	962	2013	1	17	0	0	-2.06
## 86	966	2013	1	21	0	0	2.28
## 87	976	2013	1	31	0	0	9.17
## 88	980	2013	2	4	0	0	5.99
## 89	986	2013	2	10	0	0	-2.78
## 90	992	2013	2	16	0	0	3.61
## 91	996	2013	2	20	0	0	3.51
## 92	1016	2013	3	12	0	0	7.11
## 93	1020	2013	3	16	0	0	3.23
## 94	1022	2013	3	18	0	0	5.44
## 95	1024	2013	3	20	0	0	6.58
## 96	1046	2013	4	11	0	0	13.83
## 97	1052	2013	4	17	0	0	19.35
## 98	1056	2013	4	21	0	0	9.66
## 99	1066	2013	5	1	0	0	14.25
## 100	1068	2013	5	3	0	0	13.59
## 101	1080	2013	5	15	0	0	14.85
## 102	1092	2013	5	27	0	0	13.57
## 103	1100	2013	6	4	0	0	15.20
## 104	1116	2013	6	20	0	0	21.69
## 105	1130	2013	7	4	0	0	18.44
## 106	1132	2013	7	6	0	0	21.98
## 107	1142	2013	7	16	0	0	22.54
## 108	1150	2013	7	24	0	0	24.90
## 109	1162	2013	8	5	0	0	26.60
## 110	1164	2013	8	7	0	0	21.87
## 111	1174	2013	8	17	0	0	23.78
## 112	1198	2013	9	10	0	0	15.32
## 113	1210	2013	9	22	0	0	16.53
## 114	1220	2013	10	2	0	0	15.05
## 115	1222	2013	10	4	0	0	19.02
## 116	1240	2013	10	22	0	0	16.14
## 117	1254	2013	11	5	0	0	8.62
## 118	1258	2013	11	9	0	0	10.44
## 119	1272	2013	11	23	0	0	4.33
## 120	1292	2013	12	13	0	0	3.62
## 121	1296	2013	12	17	0	0	5.19
## 122	1304	2013	12	25	0	0	5.41
## 123	1308	2013	12	29	0	0	4.65
## 124	1338	2014	1	28	0	0	3.63
## 125	1340	2014	1	30	0	0	3.44
## 126	1350	2014	2	9	0	0	6.53
## 127	1380	2014	3	11	0	0	9.25

##	128	1388	2014	3	19	0	0	11.47
##	129	1402	2014	4	2	0	0	17.39
##	130	1404	2014	4	4	0	0	16.61
##	131	1418	2014	4	18	0	0	9.53
##	132	1438	2014	5	8	0	0	16.20
##	133	1444	2014	5	14	0	0	10.65
##	134	1446	2014	5	16	0	0	13.59
##	135	1448	2014	5	18	0	0	15.53
##	136	1454	2014	5	24	0	0	16.10
##	137	1458	2014	5	28	0	0	14.65
##	138	1480	2014	6	19	0	0	19.45
##	139	1496	2014	7	5	0	0	21.23
##	140	1508	2014	7	17	0	0	24.71
##	141	1524	2014	8	2	0	0	21.84
##	142	1526	2014	8	4	0	0	20.29
##	143	1544	2014	8	22	0	0	17.75
##	144	1550	2014	8	28	0	0	18.85
##	145	1552	2014	8	30	0	0	19.16
##	146	1556	2014	9	3	0	0	15.86
##	147	1558	2014	9	5	0	0	21.03
##	148	1580	2014	9	27	0	0	16.15
##	149	1588	2014	10	5	0	0	17.11
##	150	1592	2014	10	9	0	0	18.95
##	151	1602	2014	10	19	0	0	18.22
##	152	1604	2014	10	21	0	0	15.72
##	153	1612	2014	10	29	0	0	11.76
##	154	1626	2014	11	12	0	0	10.26
##	155	1650	2014	12	6	0	0	4.03
##	156	1652	2014	12	8	0	0	4.10
##	157	1654	2014	12	10	0	0	3.00
##	158	1658	2014	12	14	0	0	10.30
##	159	1680	2015	1	5	0	0	1.62
##	160	1682	2015	1	7	0	0	4.91
##	161	1706	2015	1	31	0	0	2.57
##	162	1718	2015	2	12	0	0	4.82
##	163	1724	2015	2	18	0	0	2.61
##	164	1728	2015	2	22	0	0	4.45
##	165	1732	2015	2	26	0	0	5.60
##	166	1734	2015	2	28	0	0	3.47
##	167	1750	2015	3	16	0	0	8.57
##	168	1766	2015	4	1	0	0	5.70
##	169	1768	2015	4	3	0	0	7.12
##	170	1776	2015	4	11	0	0	13.60
##	171	1792	2015	4	27	0	0	14.25
##	172	1796	2015	5	1	0	0	11.52
##	173	1806	2015	5	11	0	0	19.41
##	174	1828	2015	6	2	0	0	19.51
##	175	1836	2015	6	10	0	0	18.48
##	176	1844	2015	6	18	0	0	16.97
##	177	1848	2015	6	22	0	0	18.68
##	178	1862	2015	7	6	0	0	25.07
##	179	1870	2015	7	14	0	0	23.13
##	180	1884	2015	7	28	0	0	18.88
##	181	1886	2015	7	30	0	0	16.38

##	182	1912	2015	8	25	0	0	17.20
##	183	1920	2015	9	2	0	0	17.15
##	184	1922	2015	9	4	0	0	16.41
##	185	1932	2015	9	14	0	0	17.16
##	186	1934	2015	9	16	0	0	18.83
##	187	1944	2015	9	26	0	0	14.75
##	188	1952	2015	10	4	0	0	14.28
##	189	1958	2015	10	10	0	0	11.92
##	190	1962	2015	10	14	0	0	6.40
##	191	1964	2015	10	16	0	0	6.93
##	192	1990	2015	11	11	0	0	9.54
##	193	1998	2015	11	19	0	0	13.54
##	194	2010	2015	12	1	0	0	9.86
##	195	2016	2015	12	7	0	0	8.58
##	196	2020	2015	12	11	0	0	5.54
##	197	2022	2015	12	13	0	0	5.92
##	198	2026	2015	12	17	0	0	11.39
##	199	2042	2016	1	2	0	0	5.76
##	200	2058	2016	1	18	0	0	-1.69
##	201	2072	2016	2	1	0	0	11.58
##	202	2088	2016	2	17	0	0	2.18
##	203	2096	2016	2	25	0	0	3.38
##	204	2100	2016	2	29	0	0	2.70
##	205	2104	2016	3	4	0	0	4.13
##	206	2106	2016	3	6	0	0	2.68
##	207	2130	2016	3	30	0	0	13.37
##	208	2156	2016	4	25	0	0	5.16
##	209	2186	2016	5	25	0	0	15.17
##	210	2190	2016	5	29	0	0	16.53
##	211	2194	2016	6	2	0	0	15.61
##	212	2196	2016	6	4	0	0	16.11
##	213	2198	2016	6	6	0	0	18.81
##	214	2204	2016	6	12	0	0	15.97
##	215	2210	2016	6	18	0	0	14.86
##	216	2218	2016	6	26	0	0	16.20
##	217	2250	2016	7	28	0	0	20.50
##	218	2252	2016	7	30	0	0	23.90
##	219	2264	2016	8	11	0	0	15.26
##	220	2270	2016	8	17	0	0	22.76
##	221	2272	2016	8	19	0	0	21.07
##	222	2276	2016	8	23	0	0	20.92
##	223	2286	2016	9	2	0	0	22.36
##	224	2288	2016	9	4	0	0	21.65
##	225	2314	2016	9	30	0	0	19.08
##	226	2316	2016	10	2	0	0	13.54
##	227	2322	2016	10	8	0	0	10.94
##	228	2326	2016	10	12	0	0	7.43
##	229	2330	2016	10	16	0	0	13.79
##	230	2348	2016	11	3	0	0	6.17
##	231	2362	2016	11	17	0	0	11.79
##	232	2366	2016	11	21	0	0	9.18
##	233	2376	2016	12	1	0	0	4.01
##	234	2386	2016	12	11	0	0	4.67
##	235	2388	2016	12	13	0	0	4.24

##	236	2392	2016	12	17	0	0	4.20
##	237	2396	2016	12	21	0	0	3.52
##	238	2402	2016	12	27	0	0	3.24
##	239	2412	2017	1	6	0	0	-3.13
##	240	2422	2017	1	16	0	0	-1.31
##	241	2454	2017	2	17	0	0	8.43
##	242	2458	2017	2	21	0	0	10.48
##	243	2470	2017	3	5	0	0	6.69
##	244	2474	2017	3	9	0	0	10.18
##	245	2506	2017	4	10	0	0	16.35
##	246	2508	2017	4	12	0	0	11.71
##	247	2518	2017	4	22	0	0	10.74
##	248	2522	2017	4	26	0	0	4.93
##	249	2536	2017	5	10	0	0	12.62
##	250	2540	2017	5	14	0	0	15.23
##	251	2544	2017	5	18	0	0	19.08
##	252	2552	2017	5	26	0	0	18.28
##	253	2558	2017	6	1	0	0	20.75
##	254	2570	2017	6	13	0	0	19.35
##	255	2574	2017	6	17	0	0	17.88
##	256	2576	2017	6	19	0	0	22.53
##	257	2580	2017	6	23	0	0	25.12
##	258	2586	2017	6	29	0	0	16.30
##	259	2600	2017	7	13	0	0	18.85
##	260	2614	2017	7	27	0	0	19.79
##	261	2630	2017	8	12	0	0	17.91
##	262	2646	2017	8	28	0	0	26.18
##	263	2648	2017	8	30	0	0	25.36
##	264	2652	2017	9	3	0	0	15.77
##	265	2654	2017	9	5	0	0	20.83
##	266	2660	2017	9	11	0	0	14.44
##	267	2664	2017	9	15	0	0	12.75
##	268	2676	2017	9	27	0	0	17.82
##	269	2686	2017	10	7	0	0	11.32
##	270	2694	2017	10	15	0	0	17.36
##	271	2698	2017	10	19	0	0	16.20
##	272	2720	2017	11	10	0	0	7.26
##	273	2726	2017	11	16	0	0	3.35
##	274	2736	2017	11	26	0	0	2.78
##	275	2740	2017	11	30	0	0	2.10
##	276	2744	2017	12	4	0	0	2.83
##	277	2758	2017	12	18	0	0	1.87
##	278	2786	2018	1	15	0	0	4.87
##	279	2788	2018	1	17	0	0	3.72
##	280	2798	2018	1	27	0	0	7.27
##	281	2814	2018	2	12	0	0	1.88
##	282	2816	2018	2	14	0	0	1.53
##	283	2820	2018	2	18	0	0	2.66
##	284	2830	2018	2	28	0	0	-4.55
##	285	2842	2018	3	12	0	0	10.29
##	286	2908	2018	5	17	0	0	13.84
##	287	2914	2018	5	23	0	0	17.22
##	288	2924	2018	6	2	0	0	19.91
##	289	2928	2018	6	6	0	0	21.63

## 290	2936	2018	6	14	0	0	17.24
##	Relative.Humidity.daily.mean..2.m.above.gnd.						
## 1							73.29
## 2							64.92
## 3							74.29
## 4							76.08
## 5							73.92
## 6							68.38
## 7							74.83
## 8							69.62
## 9							71.92
## 10							72.88
## 11							80.17
## 12							75.17
## 13							85.21
## 14							77.96
## 15							88.38
## 16							84.33
## 17							86.71
## 18							84.17
## 19							84.25
## 20							76.21
## 21							88.04
## 22							85.38
## 23							85.29
## 24							80.96
## 25							65.71
## 26							56.12
## 27							60.96
## 28							67.58
## 29							64.25
## 30							79.46
## 31							75.58
## 32							68.58
## 33							62.33
## 34							71.33
## 35							74.71
## 36							69.12
## 37							76.88
## 38							67.33
## 39							65.83
## 40							73.25
## 41							66.46
## 42							73.67
## 43							73.42
## 44							74.83
## 45							70.58
## 46							79.92
## 47							71.58
## 48							91.46
## 49							73.08
## 50							81.33
## 51							80.12
## 52							75.12

## 53	76.67
## 54	80.50
## 55	76.67
## 56	70.75
## 57	70.00
## 58	78.46
## 59	71.79
## 60	78.67
## 61	75.12
## 62	82.79
## 63	65.92
## 64	75.83
## 65	78.29
## 66	64.21
## 67	78.42
## 68	78.33
## 69	89.21
## 70	73.71
## 71	72.08
## 72	74.04
## 73	86.58
## 74	79.88
## 75	71.38
## 76	68.54
## 77	82.33
## 78	86.08
## 79	86.12
## 80	73.83
## 81	85.04
## 82	84.00
## 83	77.46
## 84	68.67
## 85	79.00
## 86	73.17
## 87	63.50
## 88	72.75
## 89	61.33
## 90	78.00
## 91	63.92
## 92	71.71
## 93	36.42
## 94	73.92
## 95	61.50
## 96	67.29
## 97	59.92
## 98	76.17
## 99	76.25
## 100	81.83
## 101	70.67
## 102	52.67
## 103	57.92
## 104	73.83
## 105	70.79
## 106	59.50

## 107	52.54
## 108	58.92
## 109	57.38
## 110	71.67
## 111	53.33
## 112	66.54
## 113	65.62
## 114	83.38
## 115	79.54
## 116	77.04
## 117	69.75
## 118	62.67
## 119	82.58
## 120	57.46
## 121	55.46
## 122	82.62
## 123	73.54
## 124	62.88
## 125	65.79
## 126	60.29
## 127	52.83
## 128	61.96
## 129	48.54
## 130	45.17
## 131	54.12
## 132	55.71
## 133	66.54
## 134	48.12
## 135	69.00
## 136	69.17
## 137	76.71
## 138	54.08
## 139	62.42
## 140	54.25
## 141	64.54
## 142	66.50
## 143	56.29
## 144	72.58
## 145	70.33
## 146	73.83
## 147	67.96
## 148	66.58
## 149	70.04
## 150	62.17
## 151	62.33
## 152	79.92
## 153	73.54
## 154	85.71
## 155	88.04
## 156	81.62
## 157	82.79
## 158	79.71
## 159	83.33
## 160	79.08

## 161	77.88
## 162	74.46
## 163	84.29
## 164	77.50
## 165	69.12
## 166	77.79
## 167	64.17
## 168	67.25
## 169	68.46
## 170	58.50
## 171	82.58
## 172	88.62
## 173	57.54
## 174	69.79
## 175	70.54
## 176	73.92
## 177	64.33
## 178	63.00
## 179	60.00
## 180	54.58
## 181	61.29
## 182	56.08
## 183	71.92
## 184	56.25
## 185	71.62
## 186	65.29
## 187	74.96
## 188	72.92
## 189	82.54
## 190	73.46
## 191	72.96
## 192	56.25
## 193	69.62
## 194	76.12
## 195	75.12
## 196	70.71
## 197	76.42
## 198	82.08
## 199	86.71
## 200	69.71
## 201	75.29
## 202	80.21
## 203	85.08
## 204	90.96
## 205	74.62
## 206	80.83
## 207	74.54
## 208	68.21
## 209	71.46
## 210	87.17
## 211	79.42
## 212	80.50
## 213	73.33
## 214	79.42

## 215	75.50
## 216	71.54
## 217	67.67
## 218	63.62
## 219	59.50
## 220	63.92
## 221	67.50
## 222	61.83
## 223	55.62
## 224	56.17
## 225	48.29
## 226	71.46
## 227	66.29
## 228	65.79
## 229	70.33
## 230	75.71
## 231	75.42
## 232	74.83
## 233	59.58
## 234	70.21
## 235	78.17
## 236	70.54
## 237	74.12
## 238	83.08
## 239	66.54
## 240	79.08
## 241	81.71
## 242	78.08
## 243	69.04
## 244	83.54
## 245	59.83
## 246	66.83
## 247	61.12
## 248	85.42
## 249	61.08
## 250	77.17
## 251	71.83
## 252	65.92
## 253	71.58
## 254	70.29
## 255	65.38
## 256	62.12
## 257	63.92
## 258	73.33
## 259	69.79
## 260	68.33
## 261	64.42
## 262	53.58
## 263	59.42
## 264	63.42
## 265	57.71
## 266	62.04
## 267	59.29
## 268	65.25

## 269	61.33
## 270	56.79
## 271	55.62
## 272	73.96
## 273	66.29
## 274	80.75
## 275	83.12
## 276	77.12
## 277	84.17
## 278	62.50
## 279	79.50
## 280	86.79
## 281	71.54
## 282	62.29
## 283	76.71
## 284	59.21
## 285	69.62
## 286	80.71
## 287	78.08
## 288	64.83
## 289	68.21
## 290	61.96
##	Mean.Sea.Level.Pressure.daily.mean..MSL.
## 1	1021.64
## 2	1008.13
## 3	1021.00
## 4	1017.95
## 5	1015.29
## 6	1018.36
## 7	1009.00
## 8	1018.11
## 9	1013.95
## 10	1009.17
## 11	1011.87
## 12	1010.10
## 13	1004.69
## 14	1004.98
## 15	1006.95
## 16	1009.52
## 17	1012.05
## 18	1027.40
## 19	997.38
## 20	998.97
## 21	1024.26
## 22	1019.28
## 23	1027.70
## 24	1013.01
## 25	1020.10
## 26	1018.04
## 27	1018.31
## 28	1019.22
## 29	1023.80
## 30	1018.33
## 31	1013.69

## 32	1016.47
## 33	1013.33
## 34	1011.10
## 35	1015.83
## 36	1012.11
## 37	1010.13
## 38	1013.83
## 39	1015.22
## 40	1013.32
## 41	1027.00
## 42	1027.22
## 43	1018.57
## 44	1024.88
## 45	1015.03
## 46	1029.52
## 47	1018.55
## 48	1017.47
## 49	993.75
## 50	1019.37
## 51	1018.45
## 52	1023.62
## 53	1026.55
## 54	1021.50
## 55	1022.75
## 56	1031.28
## 57	1032.90
## 58	1031.42
## 59	1024.97
## 60	1033.12
## 61	1028.33
## 62	1009.73
## 63	1000.86
## 64	1013.55
## 65	1013.89
## 66	1016.98
## 67	1009.73
## 68	1019.93
## 69	1017.33
## 70	1014.64
## 71	1014.69
## 72	1014.67
## 73	1020.99
## 74	1018.09
## 75	1023.98
## 76	1014.33
## 77	1017.44
## 78	1003.10
## 79	1006.99
## 80	1019.27
## 81	1014.61
## 82	1006.26
## 83	1010.83
## 84	1022.17
## 85	1013.08

## 86	997.77
## 87	1023.05
## 88	1018.15
## 89	1012.97
## 90	1024.38
## 91	1017.54
## 92	996.51
## 93	1013.98
## 94	996.05
## 95	1005.65
## 96	1005.83
## 97	1021.93
## 98	1017.87
## 99	1016.99
## 100	1014.06
## 101	1002.33
## 102	1012.12
## 103	1018.16
## 104	1013.55
## 105	1020.27
## 106	1025.02
## 107	1020.42
## 108	1015.16
## 109	1016.23
## 110	1011.22
## 111	1016.70
## 112	1017.23
## 113	1026.87
## 114	1014.05
## 115	1017.33
## 116	1012.32
## 117	1001.45
## 118	1014.21
## 119	1010.38
## 120	1027.45
## 121	1029.34
## 122	995.50
## 123	1020.17
## 124	998.05
## 125	1002.97
## 126	1002.06
## 127	1025.13
## 128	1025.89
## 129	1008.68
## 130	1005.82
## 131	1013.45
## 132	1017.99
## 133	1027.22
## 134	1025.86
## 135	1014.22
## 136	1015.73
## 137	1014.52
## 138	1017.41
## 139	1011.59

## 140	1019.85
## 141	1008.51
## 142	1016.59
## 143	1015.58
## 144	1016.81
## 145	1018.70
## 146	1017.16
## 147	1013.52
## 148	1025.43
## 149	1014.72
## 150	1009.49
## 151	1022.40
## 152	1013.61
## 153	1019.15
## 154	1004.57
## 155	1021.75
## 156	1021.65
## 157	1027.28
## 158	1016.34
## 159	1036.28
## 160	1032.04
## 161	983.03
## 162	1022.58
## 163	1037.95
## 164	1008.50
## 165	1018.33
## 166	1021.66
## 167	1021.23
## 168	1023.14
## 169	1021.06
## 170	1024.84
## 171	1000.88
## 172	1007.18
## 173	1022.93
## 174	1017.74
## 175	1019.47
## 176	1019.62
## 177	1013.27
## 178	1019.62
## 179	1018.58
## 180	1011.52
## 181	1016.02
## 182	1018.27
## 183	1016.13
## 184	1016.26
## 185	1006.94
## 186	1000.47
## 187	1021.27
## 188	1018.29
## 189	1015.90
## 190	1015.35
## 191	1018.02
## 192	1027.87
## 193	1021.91

## 194	1029.36
## 195	1033.89
## 196	1031.95
## 197	1023.53
## 198	1026.68
## 199	1015.26
## 200	1020.17
## 201	1025.27
## 202	1020.57
## 203	1012.00
## 204	1011.25
## 205	999.20
## 206	1001.16
## 207	1011.93
## 208	1014.65
## 209	1012.21
## 210	1004.99
## 211	1009.22
## 212	1011.20
## 213	1017.33
## 214	1009.78
## 215	1016.69
## 216	1017.53
## 217	1015.49
## 218	1011.50
## 219	1022.36
## 220	1010.25
## 221	1010.00
## 222	1024.35
## 223	1019.33
## 224	1015.71
## 225	1016.62
## 226	1018.12
## 227	1021.02
## 228	1017.77
## 229	1021.41
## 230	1023.51
## 231	1018.15
## 232	1007.09
## 233	1033.80
## 234	1025.95
## 235	1028.00
## 236	1038.74
## 237	1032.18
## 238	1045.82
## 239	1039.88
## 240	1025.99
## 241	1030.99
## 242	1021.11
## 243	1006.49
## 244	1024.35
## 245	1020.80
## 246	1020.69
## 247	1026.60

## 248	1010.88	
## 249	1008.59	
## 250	1022.86	
## 251	1012.60	
## 252	1017.38	
## 253	1018.48	
## 254	1016.63	
## 255	1023.60	
## 256	1018.11	
## 257	1014.10	
## 258	999.86	
## 259	1019.60	
## 260	1011.69	
## 261	1019.69	
## 262	1016.80	
## 263	1011.78	
## 264	1017.64	
## 265	1019.67	
## 266	1005.57	
## 267	1015.12	
## 268	1022.40	
## 269	1024.33	
## 270	1026.54	
## 271	1013.43	
## 272	1023.62	
## 273	1025.44	
## 274	1027.35	
## 275	1008.17	
## 276	1032.52	
## 277	1024.86	
## 278	1016.03	
## 279	1005.80	
## 280	1028.56	
## 281	1016.50	
## 282	1014.54	
## 283	1026.05	
## 284	1015.05	
## 285	998.73	
## 286	1017.89	
## 287	1017.57	
## 288	1019.58	
## 289	1012.04	
## 290	1016.12	
##	Total.Precipitation.daily.sum..sfc. Snowfall.amount.raw.daily.sum..sfc.	
## 1	0.1	0.00
## 2	6.1	0.00
## 3	2.3	0.00
## 4	4.4	0.00
## 5	0.0	0.00
## 6	0.0	0.00
## 7	17.2	0.00
## 8	0.8	0.00
## 9	1.6	0.00
## 10	0.0	0.00

## 11	5.5	0.00
## 12	2.2	0.00
## 13	0.0	0.00
## 14	2.3	0.07
## 15	1.0	0.14
## 16	0.0	0.00
## 17	5.4	0.00
## 18	0.0	0.00
## 19	8.4	4.06
## 20	0.3	0.00
## 21	0.0	0.00
## 22	0.0	0.00
## 23	1.6	0.35
## 24	0.0	0.00
## 25	0.0	0.00
## 26	0.0	0.00
## 27	0.0	0.00
## 28	1.0	0.00
## 29	0.0	0.00
## 30	0.7	0.00
## 31	2.2	0.00
## 32	0.5	0.00
## 33	0.0	0.00
## 34	0.2	0.00
## 35	0.0	0.00
## 36	3.5	0.00
## 37	1.1	0.00
## 38	0.0	0.00
## 39	0.7	0.00
## 40	2.4	0.00
## 41	0.0	0.00
## 42	0.0	0.00
## 43	0.0	0.00
## 44	0.0	0.00
## 45	0.0	0.00
## 46	0.0	0.00
## 47	0.0	0.00
## 48	10.8	0.00
## 49	16.4	0.00
## 50	6.0	0.00
## 51	1.2	0.00
## 52	0.0	0.00
## 53	4.3	0.00
## 54	0.0	0.00
## 55	0.0	0.00
## 56	0.0	0.00
## 57	0.0	0.14
## 58	0.0	0.07
## 59	0.0	0.00
## 60	0.0	0.00
## 61	0.0	0.00
## 62	0.0	0.00
## 63	4.8	0.00
## 64	1.2	0.00

## 65	8.0	0.00
## 66	0.7	0.00
## 67	13.6	0.00
## 68	0.0	0.00
## 69	7.9	0.00
## 70	0.0	0.00
## 71	0.0	0.00
## 72	1.8	0.00
## 73	3.7	0.00
## 74	0.1	0.00
## 75	0.0	0.00
## 76	0.0	0.00
## 77	0.0	0.00
## 78	13.7	0.00
## 79	19.6	0.00
## 80	0.0	0.00
## 81	2.7	0.07
## 82	3.8	0.00
## 83	3.5	0.00
## 84	0.1	0.00
## 85	2.3	1.68
## 86	1.3	0.07
## 87	0.7	0.00
## 88	5.6	0.00
## 89	0.0	0.00
## 90	0.0	0.00
## 91	0.0	0.00
## 92	3.7	0.00
## 93	0.0	0.00
## 94	5.8	0.00
## 95	3.0	0.00
## 96	26.0	0.00
## 97	0.0	0.00
## 98	0.0	0.00
## 99	0.4	0.00
## 100	15.2	0.00
## 101	3.5	0.00
## 102	0.0	0.00
## 103	0.0	0.00
## 104	6.3	0.00
## 105	0.0	0.00
## 106	0.0	0.00
## 107	0.0	0.00
## 108	1.7	0.00
## 109	0.0	0.00
## 110	2.0	0.00
## 111	0.0	0.00
## 112	5.5	0.00
## 113	0.0	0.00
## 114	0.0	0.00
## 115	0.1	0.00
## 116	0.0	0.00
## 117	4.0	0.00
## 118	2.3	0.00

## 119	1.1	0.00
## 120	0.0	0.00
## 121	0.0	0.00
## 122	20.8	0.00
## 123	3.2	0.00
## 124	0.0	0.00
## 125	0.1	0.00
## 126	0.6	0.00
## 127	0.0	0.00
## 128	0.0	0.00
## 129	0.0	0.00
## 130	0.8	0.00
## 131	5.5	0.00
## 132	0.2	0.00
## 133	2.8	0.00
## 134	0.0	0.00
## 135	0.0	0.00
## 136	0.0	0.00
## 137	0.0	0.00
## 138	0.1	0.00
## 139	2.5	0.00
## 140	0.0	0.00
## 141	4.0	0.00
## 142	2.4	0.00
## 143	0.0	0.00
## 144	0.0	0.00
## 145	0.4	0.00
## 146	0.0	0.00
## 147	0.0	0.00
## 148	0.0	0.00
## 149	0.9	0.00
## 150	0.1	0.00
## 151	0.0	0.00
## 152	7.6	0.00
## 153	0.0	0.00
## 154	5.8	0.00
## 155	0.2	0.00
## 156	2.3	0.00
## 157	1.2	0.00
## 158	4.4	0.00
## 159	0.0	0.00
## 160	0.1	0.00
## 161	3.2	0.70
## 162	0.0	0.00
## 163	0.0	0.00
## 164	0.1	0.00
## 165	0.0	0.00
## 166	0.0	0.00
## 167	0.0	0.00
## 168	4.2	0.00
## 169	1.6	0.00
## 170	0.8	0.00
## 171	9.4	0.00
## 172	39.3	0.00

## 173	0.0	0.00
## 174	0.2	0.00
## 175	0.2	0.00
## 176	0.4	0.00
## 177	0.1	0.00
## 178	0.0	0.00
## 179	0.0	0.00
## 180	0.0	0.00
## 181	0.0	0.00
## 182	0.0	0.00
## 183	0.0	0.00
## 184	0.0	0.00
## 185	18.2	0.00
## 186	0.4	0.00
## 187	0.0	0.00
## 188	5.9	0.00
## 189	0.0	0.00
## 190	0.0	0.00
## 191	0.3	0.00
## 192	0.0	0.00
## 193	0.2	0.00
## 194	0.4	0.00
## 195	0.0	0.00
## 196	0.0	0.00
## 197	0.0	0.00
## 198	0.0	0.00
## 199	6.3	0.00
## 200	0.0	0.00
## 201	0.0	0.00
## 202	0.0	0.00
## 203	7.8	1.19
## 204	14.0	0.98
## 205	3.2	0.00
## 206	7.2	3.15
## 207	7.7	0.00
## 208	2.6	0.14
## 209	0.0	0.00
## 210	13.7	0.00
## 211	6.6	0.00
## 212	0.6	0.00
## 213	0.7	0.00
## 214	4.7	0.00
## 215	2.4	0.00
## 216	0.1	0.00
## 217	1.4	0.00
## 218	0.0	0.00
## 219	0.0	0.00
## 220	0.4	0.00
## 221	1.2	0.00
## 222	0.0	0.00
## 223	0.0	0.00
## 224	8.0	0.00
## 225	0.0	0.00
## 226	1.9	0.00

## 227	0.1	0.00
## 228	0.0	0.00
## 229	0.0	0.00
## 230	0.0	0.00
## 231	1.2	0.00
## 232	0.0	0.00
## 233	0.0	0.00
## 234	0.0	0.00
## 235	0.0	0.00
## 236	0.0	0.00
## 237	0.0	0.00
## 238	0.0	0.00
## 239	0.0	0.00
## 240	0.1	0.00
## 241	5.5	0.00
## 242	0.6	0.00
## 243	2.3	0.00
## 244	19.3	0.00
## 245	0.4	0.00
## 246	0.0	0.00
## 247	0.0	0.00
## 248	13.0	6.65
## 249	0.0	0.00
## 250	2.6	0.00
## 251	0.0	0.00
## 252	0.0	0.00
## 253	6.1	0.00
## 254	0.0	0.00
## 255	0.0	0.00
## 256	0.0	0.00
## 257	0.0	0.00
## 258	6.4	0.00
## 259	0.0	0.00
## 260	3.3	0.00
## 261	0.7	0.00
## 262	0.0	0.00
## 263	0.4	0.00
## 264	0.2	0.00
## 265	0.0	0.00
## 266	0.0	0.00
## 267	0.0	0.00
## 268	0.4	0.00
## 269	0.0	0.00
## 270	0.0	0.00
## 271	0.0	0.00
## 272	0.6	0.00
## 273	0.0	0.00
## 274	3.2	0.07
## 275	6.7	1.26
## 276	0.5	0.00
## 277	5.9	2.52
## 278	0.0	0.00
## 279	4.8	0.00
## 280	2.6	0.00

## 281	1.5	0.63
## 282	0.0	0.00
## 283	0.0	0.00
## 284	0.0	0.00
## 285	4.8	0.00
## 286	3.3	0.00
## 287	8.6	0.00
## 288	0.0	0.00
## 289	6.3	0.00
## 290	0.0	0.00
##	Total.Cloud.Cover.daily.mean..sfc.	
## 1	39.55	
## 2	7.08	
## 3	55.08	
## 4	57.04	
## 5	75.67	
## 6	31.69	
## 7	95.92	
## 8	69.30	
## 9	64.85	
## 10	47.35	
## 11	93.96	
## 12	47.71	
## 13	94.04	
## 14	89.92	
## 15	57.21	
## 16	40.29	
## 17	100.00	
## 18	71.74	
## 19	96.00	
## 20	94.33	
## 21	62.51	
## 22	79.04	
## 23	84.08	
## 24	34.87	
## 25	5.08	
## 26	54.79	
## 27	0.00	
## 28	41.67	
## 29	4.53	
## 30	39.67	
## 31	70.94	
## 32	49.50	
## 33	5.58	
## 34	45.02	
## 35	25.92	
## 36	60.75	
## 37	46.80	
## 38	23.53	
## 39	16.53	
## 40	62.65	
## 41	40.37	
## 42	7.04	
## 43	0.00	

## 44	25.44
## 45	47.12
## 46	1.29
## 47	12.43
## 48	100.00
## 49	73.52
## 50	89.67
## 51	78.12
## 52	41.27
## 53	100.00
## 54	71.71
## 55	92.70
## 56	17.12
## 57	41.21
## 58	47.25
## 59	42.58
## 60	91.78
## 61	13.52
## 62	64.29
## 63	84.70
## 64	98.46
## 65	58.46
## 66	11.71
## 67	90.88
## 68	23.45
## 69	93.75
## 70	5.92
## 71	3.50
## 72	44.81
## 73	98.54
## 74	42.96
## 75	1.66
## 76	39.79
## 77	63.83
## 78	96.25
## 79	95.33
## 80	71.03
## 81	95.71
## 82	91.34
## 83	61.38
## 84	36.88
## 85	99.38
## 86	82.42
## 87	65.54
## 88	96.92
## 89	22.65
## 90	49.75
## 91	65.58
## 92	80.65
## 93	39.10
## 94	99.21
## 95	77.58
## 96	98.62
## 97	16.35

## 98	100.00
## 99	61.20
## 100	100.00
## 101	84.62
## 102	43.24
## 103	54.43
## 104	83.04
## 105	73.33
## 106	18.33
## 107	2.35
## 108	69.67
## 109	0.83
## 110	73.44
## 111	3.01
## 112	78.38
## 113	11.45
## 114	69.38
## 115	69.86
## 116	48.95
## 117	79.21
## 118	46.08
## 119	100.00
## 120	3.62
## 121	9.40
## 122	98.79
## 123	32.58
## 124	30.07
## 125	85.08
## 126	23.75
## 127	11.45
## 128	14.34
## 129	29.70
## 130	47.94
## 131	84.67
## 132	61.54
## 133	71.62
## 134	46.25
## 135	24.95
## 136	81.08
## 137	86.21
## 138	42.67
## 139	57.26
## 140	2.79
## 141	56.83
## 142	40.92
## 143	52.08
## 144	36.19
## 145	42.85
## 146	20.55
## 147	69.55
## 148	0.06
## 149	80.67
## 150	52.37
## 151	13.53

## 152	68.75
## 153	7.27
## 154	88.90
## 155	100.00
## 156	87.46
## 157	90.51
## 158	94.86
## 159	0.00
## 160	72.37
## 161	88.04
## 162	0.00
## 163	52.21
## 164	56.38
## 165	66.96
## 166	28.23
## 167	47.63
## 168	57.08
## 169	57.92
## 170	66.76
## 171	96.62
## 172	100.00
## 173	62.20
## 174	31.55
## 175	46.54
## 176	64.79
## 177	97.33
## 178	47.58
## 179	5.38
## 180	47.66
## 181	8.18
## 182	0.29
## 183	65.59
## 184	65.88
## 185	95.08
## 186	75.28
## 187	37.31
## 188	54.62
## 189	48.25
## 190	52.25
## 191	63.83
## 192	2.03
## 193	28.59
## 194	87.17
## 195	14.96
## 196	31.91
## 197	47.82
## 198	24.09
## 199	85.62
## 200	50.31
## 201	49.32
## 202	73.21
## 203	97.92
## 204	100.00
## 205	79.73

## 206	81.54
## 207	89.33
## 208	77.92
## 209	51.62
## 210	81.11
## 211	94.17
## 212	82.92
## 213	27.76
## 214	94.79
## 215	65.96
## 216	62.82
## 217	50.52
## 218	25.13
## 219	43.00
## 220	52.35
## 221	80.26
## 222	0.00
## 223	2.54
## 224	70.99
## 225	22.08
## 226	50.62
## 227	72.62
## 228	2.95
## 229	42.46
## 230	25.17
## 231	60.95
## 232	100.00
## 233	2.35
## 234	33.47
## 235	29.41
## 236	51.62
## 237	8.87
## 238	21.20
## 239	8.88
## 240	36.58
## 241	68.12
## 242	100.00
## 243	55.62
## 244	87.42
## 245	25.71
## 246	9.48
## 247	37.79
## 248	100.00
## 249	9.75
## 250	50.43
## 251	78.12
## 252	13.08
## 253	39.28
## 254	32.39
## 255	6.64
## 256	4.54
## 257	19.71
## 258	78.54
## 259	50.46

## 260	94.50
## 261	74.46
## 262	38.70
## 263	33.35
## 264	48.04
## 265	46.54
## 266	55.81
## 267	36.17
## 268	43.38
## 269	47.15
## 270	0.00
## 271	42.52
## 272	99.58
## 273	27.97
## 274	76.00
## 275	96.29
## 276	100.00
## 277	98.67
## 278	58.59
## 279	45.79
## 280	85.34
## 281	56.50
## 282	33.47
## 283	50.38
## 284	30.57
## 285	87.05
## 286	83.62
## 287	69.96
## 288	19.25
## 289	72.28
## 290	28.98
##	High.Cloud.Cover.daily.mean..high.cld.lay.
## 1	25.00
## 2	0.54
## 3	0.00
## 4	16.96
## 5	42.42
## 6	8.12
## 7	41.46
## 8	7.54
## 9	48.46
## 10	8.88
## 11	66.58
## 12	37.12
## 13	73.88
## 14	0.12
## 15	0.00
## 16	0.50
## 17	96.17
## 18	1.25
## 19	2.17
## 20	20.62
## 21	0.83
## 22	16.50

## 23	0.00
## 24	7.62
## 25	0.00
## 26	15.04
## 27	0.00
## 28	16.62
## 29	6.08
## 30	7.88
## 31	73.75
## 32	17.54
## 33	6.83
## 34	7.08
## 35	0.00
## 36	0.00
## 37	36.62
## 38	8.67
## 39	6.33
## 40	46.67
## 41	22.08
## 42	3.25
## 43	0.00
## 44	16.50
## 45	1.67
## 46	4.29
## 47	18.00
## 48	11.12
## 49	70.62
## 50	26.54
## 51	42.83
## 52	19.58
## 53	92.38
## 54	0.08
## 55	37.25
## 56	2.25
## 57	0.00
## 58	0.00
## 59	30.96
## 60	15.88
## 61	3.33
## 62	2.75
## 63	35.92
## 64	6.25
## 65	12.50
## 66	8.08
## 67	54.58
## 68	0.96
## 69	39.88
## 70	0.00
## 71	0.96
## 72	12.46
## 73	0.00
## 74	23.42
## 75	5.54
## 76	32.17

## 77	31.62
## 78	57.83
## 79	56.83
## 80	48.62
## 81	0.04
## 82	60.67
## 83	5.25
## 84	6.12
## 85	0.00
## 86	3.29
## 87	47.38
## 88	59.21
## 89	7.38
## 90	0.00
## 91	0.00
## 92	25.75
## 93	33.42
## 94	46.88
## 95	32.58
## 96	50.88
## 97	20.17
## 98	30.46
## 99	9.67
## 100	68.08
## 101	17.50
## 102	32.08
## 103	7.33
## 104	63.92
## 105	2.71
## 106	0.00
## 107	0.04
## 108	41.67
## 109	2.75
## 110	64.46
## 111	10.04
## 112	22.75
## 113	27.71
## 114	42.58
## 115	80.25
## 116	54.96
## 117	4.08
## 118	9.08
## 119	14.96
## 120	0.00
## 121	11.83
## 122	60.50
## 123	0.00
## 124	1.58
## 125	49.50
## 126	2.38
## 127	10.75
## 128	5.17
## 129	37.88
## 130	43.62

## 131	20.92
## 132	36.42
## 133	0.00
## 134	6.33
## 135	5.83
## 136	16.96
## 137	0.00
## 138	7.21
## 139	18.21
## 140	0.00
## 141	38.08
## 142	0.00
## 143	0.00
## 144	5.21
## 145	38.33
## 146	17.12
## 147	50.58
## 148	0.21
## 149	59.08
## 150	5.00
## 151	18.54
## 152	15.33
## 153	1.17
## 154	59.75
## 155	2.88
## 156	8.58
## 157	6.96
## 158	35.12
## 159	0.00
## 160	18.75
## 161	15.04
## 162	0.00
## 163	0.00
## 164	11.96
## 165	0.00
## 166	1.00
## 167	17.50
## 168	0.00
## 169	35.75
## 170	6.00
## 171	57.88
## 172	99.33
## 173	59.46
## 174	19.88
## 175	25.83
## 176	25.79
## 177	74.04
## 178	7.33
## 179	0.00
## 180	43.46
## 181	6.42
## 182	0.96
## 183	7.25
## 184	0.00

## 185	34.29
## 186	67.62
## 187	15.29
## 188	35.25
## 189	0.00
## 190	0.00
## 191	0.00
## 192	6.75
## 193	41.46
## 194	8.92
## 195	0.00
## 196	16.79
## 197	23.00
## 198	7.71
## 199	37.04
## 200	50.54
## 201	53.25
## 202	0.54
## 203	12.75
## 204	32.58
## 205	76.33
## 206	0.00
## 207	41.38
## 208	3.92
## 209	1.08
## 210	85.17
## 211	52.21
## 212	43.04
## 213	0.17
## 214	46.00
## 215	33.12
## 216	0.92
## 217	7.00
## 218	22.17
## 219	12.62
## 220	29.46
## 221	39.92
## 222	0.00
## 223	5.04
## 224	72.21
## 225	18.00
## 226	1.25
## 227	3.00
## 228	3.29
## 229	43.96
## 230	6.29
## 231	34.38
## 232	88.25
## 233	5.88
## 234	16.38
## 235	10.75
## 236	20.50
## 237	14.21
## 238	0.12

## 239	0.00
## 240	0.00
## 241	0.00
## 242	29.38
## 243	0.17
## 244	62.29
## 245	13.92
## 246	11.04
## 247	0.54
## 248	29.17
## 249	13.04
## 250	8.96
## 251	41.62
## 252	0.00
## 253	30.50
## 254	12.71
## 255	3.62
## 256	0.00
## 257	6.83
## 258	23.04
## 259	0.00
## 260	69.08
## 261	3.92
## 262	24.67
## 263	41.29
## 264	2.17
## 265	17.42
## 266	14.54
## 267	0.00
## 268	7.17
## 269	43.04
## 270	0.00
## 271	42.42
## 272	54.00
## 273	24.12
## 274	0.00
## 275	0.00
## 276	1.67
## 277	21.50
## 278	11.67
## 279	0.00
## 280	6.25
## 281	0.00
## 282	2.38
## 283	0.00
## 284	7.75
## 285	19.12
## 286	30.50
## 287	16.29
## 288	0.00
## 289	22.21
## 290	21.33
## Medium.Cloud.Cover.daily.mean..mid.cld.lay.	
## 1	19.46

## 2	4.42
## 3	16.00
## 4	48.54
## 5	24.71
## 6	0.75
## 7	95.92
## 8	56.62
## 9	64.67
## 10	45.58
## 11	87.92
## 12	37.96
## 13	94.04
## 14	71.58
## 15	27.21
## 16	21.71
## 17	100.00
## 18	0.79
## 19	91.50
## 20	72.12
## 21	0.00
## 22	58.33
## 23	20.38
## 24	17.42
## 25	0.00
## 26	40.38
## 27	0.00
## 28	40.25
## 29	0.00
## 30	0.00
## 31	56.33
## 32	25.29
## 33	3.50
## 34	13.25
## 35	0.00
## 36	0.96
## 37	38.75
## 38	23.42
## 39	15.25
## 40	60.33
## 41	40.21
## 42	0.00
## 43	0.00
## 44	3.58
## 45	3.00
## 46	0.00
## 47	10.58
## 48	45.17
## 49	70.46
## 50	53.12
## 51	46.83
## 52	23.46
## 53	94.50
## 54	17.96
## 55	68.42

## 56	10.67
## 57	0.00
## 58	0.00
## 59	41.83
## 60	5.54
## 61	0.00
## 62	12.50
## 63	84.62
## 64	70.58
## 65	22.21
## 66	9.21
## 67	87.50
## 68	0.00
## 69	61.29
## 70	0.00
## 71	0.00
## 72	29.46
## 73	39.83
## 74	15.58
## 75	0.25
## 76	38.04
## 77	38.38
## 78	84.83
## 79	85.21
## 80	70.46
## 81	30.71
## 82	72.96
## 83	58.88
## 84	31.21
## 85	47.04
## 86	67.29
## 87	48.42
## 88	86.58
## 89	22.42
## 90	0.00
## 91	18.92
## 92	56.62
## 93	38.71
## 94	99.21
## 95	73.96
## 96	98.25
## 97	0.79
## 98	9.25
## 99	16.38
## 100	91.58
## 101	63.46
## 102	34.75
## 103	9.38
## 104	62.50
## 105	0.42
## 106	0.00
## 107	0.00
## 108	60.25
## 109	0.00

## 110	69.67
## 111	0.00
## 112	51.08
## 113	2.92
## 114	23.12
## 115	66.50
## 116	47.08
## 117	40.75
## 118	40.75
## 119	33.33
## 120	0.00
## 121	6.21
## 122	96.58
## 123	17.33
## 124	21.46
## 125	85.08
## 126	17.58
## 127	9.92
## 128	0.00
## 129	26.21
## 130	42.25
## 131	46.42
## 132	46.12
## 133	21.38
## 134	0.00
## 135	3.29
## 136	32.71
## 137	0.00
## 138	2.21
## 139	44.75
## 140	2.79
## 141	50.92
## 142	24.96
## 143	0.00
## 144	19.50
## 145	8.17
## 146	10.50
## 147	35.29
## 148	0.00
## 149	77.00
## 150	44.29
## 151	9.83
## 152	40.42
## 153	2.38
## 154	87.71
## 155	3.21
## 156	46.83
## 157	36.62
## 158	53.04
## 159	0.00
## 160	7.58
## 161	88.04
## 162	0.00
## 163	0.00

## 164	38.25
## 165	16.54
## 166	8.96
## 167	47.21
## 168	5.42
## 169	57.92
## 170	54.29
## 171	96.62
## 172	100.00
## 173	61.33
## 174	23.38
## 175	20.17
## 176	34.62
## 177	91.17
## 178	2.50
## 179	0.00
## 180	44.04
## 181	0.00
## 182	0.00
## 183	6.92
## 184	0.00
## 185	95.08
## 186	62.75
## 187	0.00
## 188	50.75
## 189	0.00
## 190	0.00
## 191	33.58
## 192	0.00
## 193	16.12
## 194	40.83
## 195	0.00
## 196	16.67
## 197	28.67
## 198	1.88
## 199	78.88
## 200	50.08
## 201	42.50
## 202	0.38
## 203	58.33
## 204	97.50
## 205	76.71
## 206	51.42
## 207	86.96
## 208	42.00
## 209	27.50
## 210	79.83
## 211	80.79
## 212	53.04
## 213	0.00
## 214	91.83
## 215	51.88
## 216	4.71
## 217	36.67

## 218	20.67
## 219	12.12
## 220	49.79
## 221	45.83
## 222	0.00
## 223	1.42
## 224	70.54
## 225	9.46
## 226	1.67
## 227	0.00
## 228	0.00
## 229	40.83
## 230	0.00
## 231	43.21
## 232	100.00
## 233	1.58
## 234	7.67
## 235	24.42
## 236	25.96
## 237	6.67
## 238	0.00
## 239	1.54
## 240	0.42
## 241	61.92
## 242	30.62
## 243	53.62
## 244	80.83
## 245	13.00
## 246	8.04
## 247	0.00
## 248	65.62
## 249	8.33
## 250	23.50
## 251	54.21
## 252	0.00
## 253	22.62
## 254	10.21
## 255	0.00
## 256	0.00
## 257	8.75
## 258	70.29
## 259	1.71
## 260	80.67
## 261	21.88
## 262	37.12
## 263	27.42
## 264	2.29
## 265	21.96
## 266	22.29
## 267	8.42
## 268	41.50
## 269	35.46
## 270	0.00
## 271	40.71

## 272	84.67	
## 273	26.42	
## 274	4.96	
## 275	49.08	
## 276	38.58	
## 277	42.17	
## 278	38.42	
## 279	28.58	
## 280	19.92	
## 281	38.46	
## 282	29.00	
## 283	0.00	
## 284	22.83	
## 285	79.58	
## 286	46.67	
## 287	47.50	
## 288	0.00	
## 289	50.71	
## 290	17.46	
##	Low.Cloud.Cover.daily.mean..low.cld.lay. Sunshine.Duration.daily.sum..sfc.	
## 1	21.33	561.46
## 2	4.58	845.44
## 3	52.54	440.77
## 4	40.62	209.11
## 5	60.92	105.96
## 6	29.58	731.38
## 7	67.50	0.00
## 8	45.83	154.33
## 9	17.08	131.72
## 10	0.00	310.81
## 11	86.04	0.00
## 12	40.33	404.42
## 13	43.42	0.00
## 14	89.67	8.55
## 15	57.12	213.49
## 16	35.58	314.03
## 17	66.67	0.00
## 18	70.96	72.77
## 19	92.21	0.00
## 20	88.33	69.88
## 21	62.50	349.44
## 22	24.79	239.36
## 23	84.08	12.77
## 24	21.46	563.61
## 25	5.08	729.16
## 26	25.21	241.42
## 27	0.00	857.40
## 28	24.38	457.57
## 29	4.17	806.72
## 30	38.96	600.61
## 31	39.33	186.40
## 32	34.58	466.16
## 33	1.46	922.36
## 34	35.33	565.77

## 35	25.92	631.29
## 36	60.75	413.94
## 37	24.12	449.60
## 38	0.00	719.54
## 39	4.75	651.38
## 40	10.67	179.42
## 41	0.00	434.21
## 42	6.50	627.73
## 43	0.00	632.29
## 44	20.83	586.34
## 45	44.58	227.09
## 46	0.00	614.37
## 47	0.00	472.02
## 48	100.00	0.00
## 49	64.88	123.37
## 50	84.62	137.87
## 51	54.92	40.85
## 52	28.62	439.58
## 53	91.38	0.00
## 54	71.50	374.57
## 55	92.54	0.00
## 56	6.58	567.71
## 57	41.21	318.24
## 58	47.25	431.51
## 59	8.58	309.05
## 60	91.67	0.00
## 61	12.83	566.53
## 62	62.21	349.22
## 63	45.58	180.94
## 64	98.46	15.96
## 65	58.46	459.20
## 66	10.08	834.85
## 67	68.54	11.49
## 68	23.17	727.70
## 69	85.75	0.00
## 70	5.92	818.12
## 71	3.46	803.48
## 72	39.96	661.96
## 73	97.83	18.51
## 74	27.79	476.84
## 75	0.00	780.61
## 76	0.00	460.95
## 77	26.33	220.95
## 78	91.58	49.79
## 79	94.62	63.83
## 80	0.38	163.07
## 81	95.71	22.23
## 82	82.62	117.32
## 83	43.83	116.52
## 84	20.17	557.54
## 85	99.38	0.00
## 86	80.38	201.70
## 87	40.83	141.87
## 88	94.04	33.19

## 89	12.79	518.30
## 90	49.75	414.44
## 91	65.58	206.25
## 92	67.92	128.08
## 93	4.17	360.30
## 94	89.83	0.00
## 95	63.08	183.83
## 96	91.92	17.23
## 97	11.38	722.20
## 98	100.00	0.00
## 99	52.83	414.37
## 100	89.62	0.00
## 101	72.75	36.38
## 102	23.25	654.94
## 103	51.33	431.36
## 104	64.54	46.60
## 105	73.33	321.70
## 106	18.33	725.74
## 107	2.33	878.30
## 108	35.58	270.87
## 109	0.00	889.00
## 110	30.08	215.04
## 111	0.42	874.75
## 112	63.21	110.03
## 113	1.83	733.93
## 114	50.29	245.63
## 115	37.17	199.02
## 116	0.83	382.16
## 117	71.17	249.57
## 118	28.08	563.51
## 119	100.00	0.00
## 120	3.62	573.13
## 121	0.00	552.52
## 122	65.42	0.00
## 123	30.88	394.00
## 124	21.25	385.67
## 125	47.25	49.57
## 126	10.12	368.89
## 127	0.00	486.58
## 128	12.92	708.89
## 129	0.00	558.54
## 130	12.71	408.73
## 131	69.88	61.28
## 132	37.25	278.97
## 133	70.42	338.30
## 134	45.46	592.07
## 135	23.04	706.48
## 136	77.21	211.91
## 137	86.21	151.91
## 138	42.12	511.02
## 139	44.58	383.30
## 140	0.00	833.83
## 141	40.21	347.85
## 142	27.12	523.53

## 143	52.08	472.63
## 144	16.46	539.59
## 145	32.21	607.07
## 146	11.62	519.72
## 147	40.96	188.07
## 148	0.00	719.15
## 149	40.29	31.37
## 150	46.29	321.68
## 151	0.00	497.98
## 152	64.33	329.03
## 153	4.58	595.32
## 154	83.75	0.00
## 155	100.00	0.00
## 156	82.29	0.00
## 157	82.50	25.02
## 158	94.83	71.11
## 159	0.00	578.86
## 160	67.12	0.00
## 161	78.46	7.02
## 162	0.00	609.73
## 163	52.21	417.56
## 164	56.38	330.54
## 165	62.79	463.40
## 166	22.62	589.69
## 167	6.17	490.72
## 168	55.96	356.09
## 169	36.25	330.31
## 170	59.33	181.96
## 171	77.71	0.00
## 172	98.33	0.00
## 173	0.00	94.62
## 174	9.12	749.65
## 175	29.50	386.08
## 176	55.12	179.43
## 177	45.33	0.00
## 178	47.17	617.23
## 179	5.38	821.82
## 180	11.17	427.61
## 181	7.58	811.46
## 182	0.00	767.95
## 183	64.54	254.57
## 184	65.88	435.96
## 185	56.21	60.00
## 186	59.33	217.91
## 187	35.75	342.38
## 188	34.75	412.85
## 189	48.25	257.46
## 190	52.25	276.15
## 191	55.38	296.43
## 192	0.00	561.44
## 193	10.83	429.74
## 194	67.38	0.00
## 195	14.96	579.40
## 196	12.50	446.07

## 197	18.75	308.49
## 198	22.79	521.79
## 199	79.17	0.00
## 200	9.21	160.71
## 201	15.29	387.16
## 202	72.96	213.19
## 203	97.92	0.00
## 204	98.96	0.00
## 205	53.67	0.00
## 206	76.46	88.88
## 207	63.88	106.02
## 208	77.92	273.41
## 209	28.12	490.21
## 210	59.08	25.04
## 211	88.92	81.70
## 212	63.46	165.27
## 213	27.75	648.47
## 214	90.38	67.66
## 215	49.71	154.72
## 216	62.58	477.64
## 217	27.00	391.88
## 218	9.42	550.87
## 219	32.71	548.91
## 220	6.62	299.22
## 221	40.17	243.70
## 222	0.00	773.28
## 223	0.00	708.71
## 224	37.29	33.83
## 225	18.42	674.26
## 226	49.58	393.42
## 227	72.58	347.30
## 228	1.96	633.75
## 229	0.29	312.71
## 230	23.50	425.13
## 231	56.08	368.49
## 232	70.50	0.00
## 233	0.00	523.32
## 234	29.75	177.12
## 235	4.33	318.27
## 236	34.25	179.64
## 237	0.00	560.68
## 238	21.17	462.34
## 239	7.33	569.69
## 240	36.58	198.19
## 241	68.12	210.54
## 242	100.00	0.00
## 243	33.62	266.90
## 244	85.88	0.00
## 245	19.62	595.65
## 246	0.00	692.67
## 247	37.79	490.60
## 248	100.00	0.00
## 249	0.00	876.13
## 250	44.71	533.43

## 251	71.54	0.00
## 252	13.08	744.59
## 253	31.42	552.54
## 254	20.88	623.57
## 255	6.33	1021.13
## 256	4.54	952.87
## 257	10.50	833.27
## 258	70.71	268.72
## 259	50.46	521.31
## 260	61.12	0.00
## 261	69.00	300.00
## 262	5.62	651.68
## 263	6.38	435.02
## 264	45.33	548.04
## 265	27.46	448.56
## 266	45.79	256.55
## 267	34.08	408.24
## 268	27.17	655.14
## 269	28.17	437.13
## 270	0.00	658.63
## 271	1.25	335.78
## 272	66.00	0.00
## 273	0.00	354.78
## 274	76.00	111.06
## 275	96.29	14.27
## 276	100.00	0.00
## 277	81.29	0.00
## 278	37.25	128.87
## 279	35.67	349.41
## 280	85.04	93.83
## 281	54.83	345.63
## 282	19.12	608.15
## 283	50.38	464.79
## 284	19.71	563.39
## 285	79.67	178.02
## 286	81.50	101.99
## 287	68.29	315.28
## 288	19.25	766.18
## 289	58.75	295.46
## 290	11.92	773.96
##	Shortwave.Radiation.daily.sum..sfc. Wind.Speed.daily.mean..10.m.above.gnd.	
## 1	6162.36	10.22
## 2	7791.06	10.31
## 3	4134.94	14.25
## 4	3082.07	9.43
## 5	4797.10	7.51
## 6	6359.05	4.61
## 7	1925.96	16.35
## 8	5524.23	12.83
## 9	5118.39	15.25
## 10	3889.30	10.40
## 11	1131.19	13.23
## 12	2394.10	18.77
## 13	1367.04	5.87

## 14	1017.27	10.37
## 15	1271.81	21.79
## 16	1945.54	9.48
## 17	558.92	12.63
## 18	1511.22	30.28
## 19	1371.49	32.61
## 20	1057.32	31.66
## 21	1730.16	6.91
## 22	1855.65	4.24
## 23	1966.01	18.85
## 24	3160.39	6.98
## 25	6603.80	6.21
## 26	6569.09	7.35
## 27	7868.49	5.98
## 28	5799.24	6.32
## 29	7546.31	12.05
## 30	5649.72	6.67
## 31	6674.11	8.02
## 32	6751.54	9.59
## 33	8180.88	4.22
## 34	7014.98	4.64
## 35	7310.46	7.52
## 36	3403.36	18.51
## 37	4449.11	8.56
## 38	6646.52	6.23
## 39	6149.90	7.00
## 40	5465.49	3.81
## 41	4643.13	3.50
## 42	3830.56	8.85
## 43	3380.22	8.70
## 44	3038.46	5.39
## 45	2022.08	13.28
## 46	2513.36	7.48
## 47	2192.07	4.33
## 48	862.41	8.21
## 49	831.26	49.14
## 50	1058.21	31.84
## 51	1431.12	15.75
## 52	1841.41	18.65
## 53	939.84	19.66
## 54	2313.11	9.70
## 55	1464.05	11.69
## 56	2973.49	10.52
## 57	2304.21	15.37
## 58	3462.10	11.33
## 59	4321.84	6.90
## 60	2252.59	6.11
## 61	4872.75	4.39
## 62	4862.96	4.73
## 63	4601.30	9.19
## 64	4134.94	24.45
## 65	3867.94	9.74
## 66	7795.51	6.30
## 67	3240.49	14.11

## 68	7814.20	6.02
## 69	1335.89	13.96
## 70	7650.44	7.76
## 71	7573.01	6.35
## 72	6574.43	11.83
## 73	2535.61	15.63
## 74	4771.29	5.59
## 75	5863.32	4.21
## 76	5186.92	7.33
## 77	3072.28	3.33
## 78	1634.04	9.06
## 79	1203.28	12.20
## 80	1848.53	10.13
## 81	973.66	44.16
## 82	1382.17	22.62
## 83	1001.25	24.15
## 84	1723.04	17.75
## 85	1685.66	19.37
## 86	2151.13	11.70
## 87	2470.64	19.90
## 88	1397.30	38.09
## 89	3172.85	15.97
## 90	3109.66	5.64
## 91	2390.54	13.11
## 92	1739.95	9.13
## 93	4640.46	16.66
## 94	1592.21	9.35
## 95	2200.08	15.74
## 96	2455.51	16.55
## 97	6501.45	7.25
## 98	2697.59	8.59
## 99	6069.80	10.61
## 100	2081.71	10.01
## 101	4317.39	9.68
## 102	7367.42	8.49
## 103	5845.52	7.26
## 104	3092.75	13.20
## 105	5298.17	13.98
## 106	7797.29	9.78
## 107	7961.94	3.43
## 108	4110.02	7.81
## 109	7214.34	5.75
## 110	3830.56	12.17
## 111	6705.26	7.47
## 112	2384.31	14.53
## 113	4963.53	5.80
## 114	3598.27	6.21
## 115	2419.91	3.36
## 116	2928.99	15.12
## 117	2559.64	12.65
## 118	2546.29	15.17
## 119	1142.76	15.50
## 120	1751.52	4.33
## 121	1775.55	5.27

## 122	121.93	9.98
## 123	1718.59	15.58
## 124	2432.37	11.96
## 125	1658.07	6.31
## 126	2803.50	22.49
## 127	4679.62	8.88
## 128	5051.64	11.26
## 129	5676.42	9.88
## 130	5267.02	6.45
## 131	2324.68	12.51
## 132	6522.81	15.39
## 133	5073.00	15.17
## 134	6309.21	12.11
## 135	7764.36	4.03
## 136	7237.48	7.81
## 137	3741.56	7.69
## 138	6712.38	8.50
## 139	5447.69	13.13
## 140	7892.52	7.21
## 141	3900.87	7.12
## 142	4719.67	6.48
## 143	4729.46	6.15
## 144	5396.96	5.33
## 145	5775.21	5.52
## 146	4348.54	8.11
## 147	4989.34	3.99
## 148	4636.90	5.18
## 149	3220.02	6.20
## 150	2513.36	9.00
## 151	3486.13	5.02
## 152	2852.45	20.01
## 153	3052.70	7.27
## 154	1277.15	4.94
## 155	820.58	9.82
## 156	1026.17	10.36
## 157	783.20	8.40
## 158	1081.35	6.66
## 159	1854.76	7.69
## 160	1360.81	5.46
## 161	1259.35	22.04
## 162	3122.12	7.00
## 163	3301.90	3.57
## 164	2315.78	5.29
## 165	3649.00	6.98
## 166	3540.42	5.16
## 167	4815.79	8.18
## 168	4142.06	33.16
## 169	5407.64	5.60
## 170	3978.30	11.48
## 171	2982.39	8.50
## 172	938.95	12.42
## 173	6895.72	7.13
## 174	7608.61	9.92
## 175	7076.39	5.75

## 176	4055.73	14.65
## 177	4526.54	11.87
## 178	7150.26	11.62
## 179	7670.02	11.55
## 180	6521.03	19.99
## 181	6868.13	8.44
## 182	6485.43	11.85
## 183	4472.25	7.22
## 184	5114.83	7.90
## 185	2687.80	12.61
## 186	2056.79	15.47
## 187	4341.42	7.48
## 188	4052.17	5.74
## 189	2910.30	4.92
## 190	3408.70	13.49
## 191	3269.86	4.52
## 192	2554.30	5.43
## 193	2162.70	23.57
## 194	783.20	25.81
## 195	1763.09	9.32
## 196	1831.62	10.01
## 197	1783.56	4.96
## 198	1728.38	7.71
## 199	430.76	14.58
## 200	2136.89	17.39
## 201	2508.91	25.17
## 202	2961.03	9.24
## 203	1932.19	13.07
## 204	579.39	23.42
## 205	1028.84	22.57
## 206	2783.92	24.09
## 207	3625.86	11.05
## 208	4717.89	24.16
## 209	7857.81	5.95
## 210	2066.58	7.32
## 211	4452.67	11.71
## 212	5762.75	10.04
## 213	6909.07	3.30
## 214	2883.60	13.69
## 215	3689.94	7.79
## 216	6026.19	10.93
## 217	4985.78	7.39
## 218	6683.90	6.35
## 219	6628.72	5.80
## 220	5771.65	3.30
## 221	5236.76	4.29
## 222	6456.06	12.73
## 223	5973.68	3.08
## 224	2621.05	9.65
## 225	4423.30	8.89
## 226	3438.07	12.27
## 227	3326.82	8.74
## 228	3921.34	8.28
## 229	3621.41	11.29

## 230	2876.48	5.23
## 231	2010.51	18.34
## 232	340.87	11.88
## 233	1947.32	4.71
## 234	1120.51	7.84
## 235	1628.70	6.22
## 236	1634.93	4.54
## 237	1717.70	3.45
## 238	1757.75	3.98
## 239	1901.93	11.63
## 240	1699.01	9.35
## 241	1713.25	8.93
## 242	1950.88	19.22
## 243	2914.75	22.49
## 244	950.52	21.70
## 245	5891.80	12.01
## 246	6404.44	8.16
## 247	5582.97	9.35
## 248	2641.52	10.13
## 249	7759.02	9.82
## 250	4310.27	4.42
## 251	2781.25	6.12
## 252	8090.99	12.67
## 253	6358.16	4.41
## 254	7644.21	5.97
## 255	8259.20	11.14
## 256	7936.13	7.10
## 257	7693.16	13.82
## 258	4217.71	12.04
## 259	6344.81	7.29
## 260	3310.80	11.70
## 261	5749.40	15.04
## 262	6185.50	7.80
## 263	5316.86	11.21
## 264	5892.69	5.26
## 265	5526.90	8.06
## 266	3270.75	16.89
## 267	4879.87	8.49
## 268	4557.69	3.03
## 269	4166.09	9.88
## 270	3689.05	8.57
## 271	3120.34	10.97
## 272	1172.13	13.40
## 273	2350.49	4.32
## 274	1026.17	19.99
## 275	1124.07	25.13
## 276	1344.79	22.61
## 277	967.43	22.83
## 278	1631.37	13.58
## 279	1868.11	43.18
## 280	1949.99	4.90
## 281	1158.78	16.63
## 282	3066.94	8.27
## 283	3204.00	12.01

## 284	4117.14	19.65
## 285	3021.55	17.53
## 286	3028.67	7.37
## 287	3631.20	10.71
## 288	7588.14	4.09
## 289	4261.32	9.32
## 290	8234.28	5.78
##	Wind.Direction.daily.mean..10.m.above.gnd.	
## 1	312.75	
## 2	134.71	
## 3	279.83	
## 4	214.47	
## 5	168.15	
## 6	204.93	
## 7	231.42	
## 8	237.76	
## 9	113.83	
## 10	132.15	
## 11	250.38	
## 12	222.94	
## 13	284.04	
## 14	215.59	
## 15	254.18	
## 16	176.84	
## 17	126.45	
## 18	260.07	
## 19	265.04	
## 20	189.45	
## 21	162.33	
## 22	168.67	
## 23	167.18	
## 24	178.94	
## 25	52.89	
## 26	218.58	
## 27	144.35	
## 28	226.55	
## 29	261.58	
## 30	266.69	
## 31	149.01	
## 32	208.23	
## 33	268.02	
## 34	206.17	
## 35	306.22	
## 36	231.77	
## 37	206.19	
## 38	147.84	
## 39	184.79	
## 40	183.05	
## 41	185.89	
## 42	115.24	
## 43	110.83	
## 44	134.14	
## 45	122.62	
## 46	128.40	

## 47	174.20
## 48	279.16
## 49	240.84
## 50	265.68
## 51	228.83
## 52	221.32
## 53	205.91
## 54	127.03
## 55	45.08
## 56	151.21
## 57	114.83
## 58	172.73
## 59	207.62
## 60	174.97
## 61	105.30
## 62	194.60
## 63	184.88
## 64	109.76
## 65	248.87
## 66	263.36
## 67	220.96
## 68	256.90
## 69	291.42
## 70	258.61
## 71	221.86
## 72	257.67
## 73	186.72
## 74	272.61
## 75	253.62
## 76	195.29
## 77	99.73
## 78	193.68
## 79	144.32
## 80	120.55
## 81	272.63
## 82	122.25
## 83	237.61
## 84	244.72
## 85	309.77
## 86	200.16
## 87	245.84
## 88	249.53
## 89	141.81
## 90	167.34
## 91	104.61
## 92	199.93
## 93	130.67
## 94	164.25
## 95	206.81
## 96	217.12
## 97	127.41
## 98	280.40
## 99	284.40
## 100	299.71

## 101	208.91
## 102	272.28
## 103	118.87
## 104	270.26
## 105	281.19
## 106	142.34
## 107	183.77
## 108	232.12
## 109	109.70
## 110	181.84
## 111	206.58
## 112	250.38
## 113	261.78
## 114	83.46
## 115	141.23
## 116	120.54
## 117	229.65
## 118	243.65
## 119	179.40
## 120	136.54
## 121	118.48
## 122	133.93
## 123	224.80
## 124	160.59
## 125	184.56
## 126	231.83
## 127	161.69
## 128	254.25
## 129	146.86
## 130	216.93
## 131	159.55
## 132	258.85
## 133	306.78
## 134	105.09
## 135	81.75
## 136	230.42
## 137	268.42
## 138	294.31
## 139	233.30
## 140	114.07
## 141	197.97
## 142	209.44
## 143	211.73
## 144	164.39
## 145	200.18
## 146	136.87
## 147	193.07
## 148	96.78
## 149	205.28
## 150	140.98
## 151	143.94
## 152	248.60
## 153	188.31
## 154	257.94

## 155	280.44
## 156	259.12
## 157	215.23
## 158	169.96
## 159	104.01
## 160	226.68
## 161	254.59
## 162	105.13
## 163	204.35
## 164	165.37
## 165	118.18
## 166	190.80
## 167	106.91
## 168	276.56
## 169	165.97
## 170	205.48
## 171	269.22
## 172	206.71
## 173	110.74
## 174	215.58
## 175	153.66
## 176	254.20
## 177	244.99
## 178	326.87
## 179	251.34
## 180	259.46
## 181	247.36
## 182	248.72
## 183	227.31
## 184	227.67
## 185	196.45
## 186	138.62
## 187	205.75
## 188	182.83
## 189	219.13
## 190	286.61
## 191	298.30
## 192	178.89
## 193	245.19
## 194	249.67
## 195	116.65
## 196	201.07
## 197	148.98
## 198	151.84
## 199	154.79
## 200	119.73
## 201	259.72
## 202	289.12
## 203	124.60
## 204	320.60
## 205	196.48
## 206	250.59
## 207	191.27
## 208	276.82

## 209	168.00
## 210	184.10
## 211	248.98
## 212	262.27
## 213	142.35
## 214	252.51
## 215	211.48
## 216	294.62
## 217	242.84
## 218	176.46
## 219	263.32
## 220	120.32
## 221	157.64
## 222	111.29
## 223	200.99
## 224	204.75
## 225	212.47
## 226	252.17
## 227	162.88
## 228	99.15
## 229	121.10
## 230	179.51
## 231	245.34
## 232	117.37
## 233	216.78
## 234	207.12
## 235	112.52
## 236	146.93
## 237	180.06
## 238	225.33
## 239	103.42
## 240	103.39
## 241	263.55
## 242	256.19
## 243	236.35
## 244	262.18
## 245	245.08
## 246	244.76
## 247	265.61
## 248	250.45
## 249	105.10
## 250	250.44
## 251	206.58
## 252	116.82
## 253	110.42
## 254	253.37
## 255	223.77
## 256	188.87
## 257	258.40
## 258	237.89
## 259	232.69
## 260	239.09
## 261	255.39
## 262	151.61

## 263	177.45
## 264	181.85
## 265	190.61
## 266	221.49
## 267	242.92
## 268	120.65
## 269	253.48
## 270	119.58
## 271	128.34
## 272	257.58
## 273	186.44
## 274	272.29
## 275	265.39
## 276	261.63
## 277	249.87
## 278	171.14
## 279	270.68
## 280	249.22
## 281	285.06
## 282	118.05
## 283	177.19
## 284	98.89
## 285	223.45
## 286	245.74
## 287	316.11
## 288	288.18
## 289	269.26
## 290	201.76
##	Wind.Speed.daily.mean..80.m.above.gnd.
## 1	13.52
## 2	13.11
## 3	19.48
## 4	11.56
## 5	8.51
## 6	5.29
## 7	22.80
## 8	14.76
## 9	21.85
## 10	16.15
## 11	18.55
## 12	25.50
## 13	7.37
## 14	14.57
## 15	27.45
## 16	13.06
## 17	13.64
## 18	37.17
## 19	38.14
## 20	38.49
## 21	8.53
## 22	5.18
## 23	22.19
## 24	12.28
## 25	8.31

## 26	12.60
## 27	7.71
## 28	8.02
## 29	14.00
## 30	7.99
## 31	9.75
## 32	11.45
## 33	4.55
## 34	6.39
## 35	9.47
## 36	24.45
## 37	10.33
## 38	8.01
## 39	7.71
## 40	4.91
## 41	3.95
## 42	12.32
## 43	15.84
## 44	9.88
## 45	21.78
## 46	14.29
## 47	7.75
## 48	9.29
## 49	63.10
## 50	40.27
## 51	23.90
## 52	25.27
## 53	26.66
## 54	13.30
## 55	13.22
## 56	13.54
## 57	18.90
## 58	15.09
## 59	10.38
## 60	7.08
## 61	6.40
## 62	5.40
## 63	12.20
## 64	32.09
## 65	12.64
## 66	7.32
## 67	18.28
## 68	7.78
## 69	17.73
## 70	9.74
## 71	6.92
## 72	16.10
## 73	21.56
## 74	7.04
## 75	4.52
## 76	7.57
## 77	4.69
## 78	12.22
## 79	17.76

## 80	17.53
## 81	52.37
## 82	28.51
## 83	34.07
## 84	26.84
## 85	21.02
## 86	13.18
## 87	27.65
## 88	47.28
## 89	20.12
## 90	7.78
## 91	16.26
## 92	13.97
## 93	19.78
## 94	11.70
## 95	19.92
## 96	23.03
## 97	7.64
## 98	10.15
## 99	12.53
## 100	13.18
## 101	11.95
## 102	10.76
## 103	8.95
## 104	16.91
## 105	16.76
## 106	12.40
## 107	4.19
## 108	9.67
## 109	7.81
## 110	15.71
## 111	7.69
## 112	19.44
## 113	6.43
## 114	5.21
## 115	5.11
## 116	25.38
## 117	18.37
## 118	23.50
## 119	15.06
## 120	7.90
## 121	6.23
## 122	16.91
## 123	25.04
## 124	16.89
## 125	11.63
## 126	31.09
## 127	11.40
## 128	15.41
## 129	11.00
## 130	8.18
## 131	15.78
## 132	19.83
## 133	18.36

## 134	15.63
## 135	3.83
## 136	10.29
## 137	8.32
## 138	9.13
## 139	15.97
## 140	8.68
## 141	8.24
## 142	7.04
## 143	8.05
## 144	6.42
## 145	6.56
## 146	10.63
## 147	5.31
## 148	8.69
## 149	7.48
## 150	11.65
## 151	5.89
## 152	25.61
## 153	7.29
## 154	6.44
## 155	12.37
## 156	14.66
## 157	11.05
## 158	10.46
## 159	13.76
## 160	9.25
## 161	27.80
## 162	12.82
## 163	3.77
## 164	7.18
## 165	9.45
## 166	7.52
## 167	15.08
## 168	41.85
## 169	6.47
## 170	14.94
## 171	12.04
## 172	16.41
## 173	11.78
## 174	11.85
## 175	6.22
## 176	17.47
## 177	16.89
## 178	14.45
## 179	12.24
## 180	26.41
## 181	9.03
## 182	15.55
## 183	8.72
## 184	8.58
## 185	16.81
## 186	22.59
## 187	9.33

## 188	8.79
## 189	6.31
## 190	17.67
## 191	6.45
## 192	5.81
## 193	32.82
## 194	35.03
## 195	15.22
## 196	13.54
## 197	9.19
## 198	11.68
## 199	21.92
## 200	23.33
## 201	33.08
## 202	9.43
## 203	16.44
## 204	30.10
## 205	30.39
## 206	27.58
## 207	14.97
## 208	29.14
## 209	6.51
## 210	9.89
## 211	15.72
## 212	12.62
## 213	3.94
## 214	18.74
## 215	9.05
## 216	12.69
## 217	8.73
## 218	5.85
## 219	7.29
## 220	4.07
## 221	4.57
## 222	18.70
## 223	2.99
## 224	11.21
## 225	12.06
## 226	17.16
## 227	11.15
## 228	12.75
## 229	15.61
## 230	7.24
## 231	26.12
## 232	22.13
## 233	6.09
## 234	9.83
## 235	8.34
## 236	7.57
## 237	5.02
## 238	6.43
## 239	14.49
## 240	13.16
## 241	13.32

## 242	26.57	
## 243	29.86	
## 244	29.49	
## 245	14.53	
## 246	10.79	
## 247	9.97	
## 248	11.64	
## 249	14.24	
## 250	6.11	
## 251	6.13	
## 252	17.75	
## 253	4.42	
## 254	7.74	
## 255	13.05	
## 256	10.49	
## 257	18.39	
## 258	16.46	
## 259	10.02	
## 260	17.14	
## 261	19.51	
## 262	10.57	
## 263	16.02	
## 264	8.00	
## 265	9.77	
## 266	23.27	
## 267	11.63	
## 268	3.69	
## 269	14.13	
## 270	11.03	
## 271	18.94	
## 272	18.76	
## 273	5.10	
## 274	25.62	
## 275	30.10	
## 276	27.30	
## 277	28.52	
## 278	16.33	
## 279	54.50	
## 280	6.78	
## 281	20.30	
## 282	13.77	
## 283	13.78	
## 284	24.40	
## 285	23.58	
## 286	9.43	
## 287	13.56	
## 288	5.84	
## 289	12.02	
## 290	7.41	
##	Wind.Direction.daily.mean..80.m.above.gnd. Wind.Speed.daily.mean..900.mb.	
## 1	310.21	16.16
## 2	140.64	21.71
## 3	283.38	24.29
## 4	224.43	25.65

## 5	179.67	11.83
## 6	210.30	14.91
## 7	238.78	54.13
## 8	265.67	26.07
## 9	111.08	27.31
## 10	140.76	28.18
## 11	237.12	34.48
## 12	228.48	53.39
## 13	293.29	12.57
## 14	225.63	35.91
## 15	259.95	44.11
## 16	180.95	7.07
## 17	137.66	44.55
## 18	259.92	46.82
## 19	267.62	48.80
## 20	192.15	76.53
## 21	148.17	9.76
## 22	167.36	12.25
## 23	164.73	24.15
## 24	171.25	22.49
## 25	52.10	19.60
## 26	219.14	14.99
## 27	142.13	7.77
## 28	236.42	13.28
## 29	228.45	18.71
## 30	276.86	9.05
## 31	174.50	22.91
## 32	214.93	28.17
## 33	288.81	8.75
## 34	208.60	10.71
## 35	271.76	9.77
## 36	246.03	42.52
## 37	212.17	22.02
## 38	158.97	13.77
## 39	221.54	16.73
## 40	188.78	10.64
## 41	184.35	10.97
## 42	126.29	21.21
## 43	113.89	10.66
## 44	143.65	13.81
## 45	126.17	15.03
## 46	121.48	15.35
## 47	190.85	11.92
## 48	266.04	30.13
## 49	241.30	104.89
## 50	266.56	64.73
## 51	236.47	54.43
## 52	226.04	55.23
## 53	227.76	75.25
## 54	130.66	7.65
## 55	37.18	25.21
## 56	119.68	37.36
## 57	97.24	35.29
## 58	176.19	23.67

## 59	201.98	23.55
## 60	159.25	16.67
## 61	117.44	9.16
## 62	205.66	8.60
## 63	202.37	35.91
## 64	67.37	42.54
## 65	253.08	22.72
## 66	261.44	9.73
## 67	232.20	45.21
## 68	273.23	9.42
## 69	295.09	13.62
## 70	262.07	18.86
## 71	216.88	7.38
## 72	266.58	25.00
## 73	180.70	32.77
## 74	230.87	19.27
## 75	258.50	9.06
## 76	228.30	21.80
## 77	98.19	11.62
## 78	187.95	35.72
## 79	152.94	36.65
## 80	127.09	16.87
## 81	273.47	68.93
## 82	126.54	45.15
## 83	239.57	73.24
## 84	247.24	60.59
## 85	311.25	22.63
## 86	202.24	25.30
## 87	253.13	60.90
## 88	249.39	72.38
## 89	131.32	22.51
## 90	169.54	9.64
## 91	107.28	20.20
## 92	201.44	25.48
## 93	138.48	25.13
## 94	173.91	21.72
## 95	213.69	43.51
## 96	220.28	54.81
## 97	129.67	11.18
## 98	269.03	15.29
## 99	285.66	23.76
## 100	301.96	14.83
## 101	216.84	20.52
## 102	288.57	16.99
## 103	158.98	27.83
## 104	273.07	24.88
## 105	285.29	18.06
## 106	126.34	29.39
## 107	159.03	13.99
## 108	239.82	13.48
## 109	129.79	9.78
## 110	196.55	22.01
## 111	225.16	17.21
## 112	257.62	35.32

## 113	276.99	6.49
## 114	87.22	8.96
## 115	141.14	12.04
## 116	123.13	21.05
## 117	251.05	34.76
## 118	245.78	46.56
## 119	171.08	31.06
## 120	136.78	22.02
## 121	160.12	13.90
## 122	156.60	47.83
## 123	247.87	46.36
## 124	167.57	31.57
## 125	190.91	10.92
## 126	234.87	62.03
## 127	146.90	38.56
## 128	251.43	24.28
## 129	158.09	12.52
## 130	234.24	12.45
## 131	179.63	29.78
## 132	261.69	36.11
## 133	310.05	24.31
## 134	69.00	35.17
## 135	89.28	9.50
## 136	233.34	18.49
## 137	266.42	20.37
## 138	292.26	11.45
## 139	245.78	34.68
## 140	108.59	11.95
## 141	213.52	15.60
## 142	224.30	13.92
## 143	249.23	14.96
## 144	185.36	11.59
## 145	206.37	11.49
## 146	128.19	34.66
## 147	183.51	6.43
## 148	179.54	17.89
## 149	222.64	11.26
## 150	176.43	44.60
## 151	155.03	25.93
## 152	262.95	52.75
## 153	198.23	27.61
## 154	282.10	16.42
## 155	282.60	13.24
## 156	265.17	23.18
## 157	221.02	28.21
## 158	201.35	36.99
## 159	113.25	6.35
## 160	254.57	29.94
## 161	254.77	44.29
## 162	110.69	9.82
## 163	207.19	23.15
## 164	199.43	10.13
## 165	136.35	9.12
## 166	217.14	12.61

## 167	98.35	16.68
## 168	277.37	64.77
## 169	195.11	8.39
## 170	216.02	36.77
## 171	245.05	14.26
## 172	226.96	44.81
## 173	120.82	15.93
## 174	234.87	27.84
## 175	155.14	22.98
## 176	260.97	28.95
## 177	264.97	39.74
## 178	330.47	9.11
## 179	269.17	21.25
## 180	262.76	43.04
## 181	244.08	12.01
## 182	247.04	33.89
## 183	224.97	5.84
## 184	234.24	11.52
## 185	227.25	33.73
## 186	143.61	37.20
## 187	169.46	26.80
## 188	185.14	16.68
## 189	212.38	30.65
## 190	296.70	18.36
## 191	314.72	9.53
## 192	223.53	19.15
## 193	246.08	69.48
## 194	253.48	60.01
## 195	128.20	18.98
## 196	232.26	46.42
## 197	179.71	25.86
## 198	183.73	26.16
## 199	166.91	34.97
## 200	122.77	23.70
## 201	259.31	67.11
## 202	279.97	25.86
## 203	141.06	12.06
## 204	308.69	31.22
## 205	206.85	57.86
## 206	250.10	35.07
## 207	198.17	34.66
## 208	278.05	39.45
## 209	166.63	11.23
## 210	193.33	19.52
## 211	252.88	31.02
## 212	268.07	16.38
## 213	122.15	14.09
## 214	255.03	33.65
## 215	220.02	17.22
## 216	296.16	11.54
## 217	265.31	14.52
## 218	181.80	15.52
## 219	267.31	9.00
## 220	149.94	2.16

## 221	179.06	11.79
## 222	105.09	22.06
## 223	233.63	5.06
## 224	202.04	28.67
## 225	237.66	36.91
## 226	263.09	33.07
## 227	148.70	8.49
## 228	100.76	25.06
## 229	126.18	10.96
## 230	178.89	8.54
## 231	246.78	58.53
## 232	132.84	40.18
## 233	235.33	17.75
## 234	234.47	23.91
## 235	133.47	10.36
## 236	165.52	6.50
## 237	187.47	7.60
## 238	215.51	16.54
## 239	107.70	17.69
## 240	104.55	15.49
## 241	231.00	23.61
## 242	256.48	51.72
## 243	239.19	62.01
## 244	262.49	53.10
## 245	268.31	27.97
## 246	237.37	16.81
## 247	269.77	16.69
## 248	253.67	15.61
## 249	102.21	14.65
## 250	266.67	14.44
## 251	204.09	24.93
## 252	118.72	39.06
## 253	145.02	7.28
## 254	226.07	5.56
## 255	221.22	19.45
## 256	194.04	17.87
## 257	265.44	38.56
## 258	245.52	38.28
## 259	210.62	7.59
## 260	253.23	32.89
## 261	263.52	29.35
## 262	156.91	7.54
## 263	207.50	19.45
## 264	203.52	8.58
## 265	204.71	16.95
## 266	238.68	42.68
## 267	268.67	18.37
## 268	141.70	5.55
## 269	268.57	24.03
## 270	133.55	12.98
## 271	126.98	14.91
## 272	259.98	33.70
## 273	191.81	14.12
## 274	273.61	33.66

## 275	266.63	35.32
## 276	263.01	27.40
## 277	255.18	29.28
## 278	195.50	40.34
## 279	271.45	91.35
## 280	273.07	11.41
## 281	290.82	28.61
## 282	125.23	12.18
## 283	179.78	18.29
## 284	99.32	38.93
## 285	236.77	47.73
## 286	262.36	10.70
## 287	319.25	14.87
## 288	303.10	7.45
## 289	283.11	9.24
## 290	198.59	11.71
##	Wind.Direction.daily.mean..900.mb.	Wind.Gust.daily.mean..sfc.
## 1	247.89	11.97
## 2	207.24	13.92
## 3	308.82	21.90
## 4	270.88	15.57
## 5	159.37	9.16
## 6	265.69	5.90
## 7	261.32	35.49
## 8	281.83	19.89
## 9	117.97	26.79
## 10	91.35	23.95
## 11	240.50	26.44
## 12	254.95	38.01
## 13	121.24	7.17
## 14	247.54	20.50
## 15	263.97	32.88
## 16	202.56	8.05
## 17	238.22	15.31
## 18	277.81	46.51
## 19	288.06	43.11
## 20	239.99	51.69
## 21	101.27	7.35
## 22	207.37	3.93
## 23	115.58	22.83
## 24	222.29	8.62
## 25	66.65	11.60
## 26	220.88	9.90
## 27	149.11	6.99
## 28	260.58	8.70
## 29	253.33	16.74
## 30	247.22	7.86
## 31	214.58	11.81
## 32	262.80	13.11
## 33	304.08	5.65
## 34	255.61	5.76
## 35	176.81	8.73
## 36	258.90	32.12
## 37	252.92	13.08

## 38	225.58	6.34
## 39	274.66	8.15
## 40	210.55	4.24
## 41	88.46	4.83
## 42	147.63	15.44
## 43	195.73	7.18
## 44	188.89	4.17
## 45	160.68	14.38
## 46	197.37	5.88
## 47	69.80	3.29
## 48	269.56	10.24
## 49	247.34	90.75
## 50	290.77	54.78
## 51	267.87	35.14
## 52	261.80	39.44
## 53	267.68	38.35
## 54	177.77	11.70
## 55	72.12	17.93
## 56	85.06	20.95
## 57	75.78	21.99
## 58	70.29	15.00
## 59	181.93	13.05
## 60	65.36	7.59
## 61	133.12	3.94
## 62	78.13	5.54
## 63	245.14	15.81
## 64	32.09	39.05
## 65	211.17	15.61
## 66	257.53	7.84
## 67	263.04	24.52
## 68	298.06	7.00
## 69	278.27	20.46
## 70	275.57	9.72
## 71	270.26	8.07
## 72	273.31	18.84
## 73	44.14	24.93
## 74	102.63	9.06
## 75	87.56	5.14
## 76	265.24	8.01
## 77	169.37	5.11
## 78	249.29	16.56
## 79	227.40	17.85
## 80	216.62	8.93
## 81	302.99	65.11
## 82	205.34	23.47
## 83	254.97	56.52
## 84	260.36	41.19
## 85	72.49	22.02
## 86	236.95	16.89
## 87	264.81	39.90
## 88	274.12	65.88
## 89	141.34	21.28
## 90	76.51	7.72
## 91	94.37	19.30

## 92	234.62	14.46
## 93	180.43	19.09
## 94	239.91	15.64
## 95	253.32	25.68
## 96	245.87	37.85
## 97	180.61	8.23
## 98	203.10	11.44
## 99	152.85	15.36
## 100	174.39	15.30
## 101	259.67	11.13
## 102	300.75	14.25
## 103	78.85	14.43
## 104	227.89	23.48
## 105	299.39	20.28
## 106	84.28	14.78
## 107	91.17	4.80
## 108	263.57	10.49
## 109	150.33	7.89
## 110	205.65	19.59
## 111	266.80	9.46
## 112	279.06	29.77
## 113	71.93	7.86
## 114	104.45	8.28
## 115	202.83	10.47
## 116	186.33	13.74
## 117	268.50	23.96
## 118	255.49	30.77
## 119	59.74	22.26
## 120	262.48	4.33
## 121	233.54	3.65
## 122	226.67	10.20
## 123	265.84	27.76
## 124	201.18	20.04
## 125	131.98	10.11
## 126	245.07	38.79
## 127	86.21	18.35
## 128	253.10	17.49
## 129	205.89	14.89
## 130	235.39	9.36
## 131	188.68	21.67
## 132	264.34	24.25
## 133	333.05	18.69
## 134	62.00	29.04
## 135	81.52	9.24
## 136	234.70	16.04
## 137	279.12	10.68
## 138	184.44	9.81
## 139	258.18	23.34
## 140	88.43	10.94
## 141	230.15	13.02
## 142	261.52	12.01
## 143	263.98	13.47
## 144	252.86	7.14
## 145	285.03	9.27

## 146	82.52	16.29
## 147	200.23	6.87
## 148	93.04	11.38
## 149	230.26	8.40
## 150	231.06	21.50
## 151	255.36	8.80
## 152	266.61	32.43
## 153	272.20	12.01
## 154	287.13	8.49
## 155	90.72	13.86
## 156	287.86	15.66
## 157	232.87	14.76
## 158	254.81	19.13
## 159	268.56	5.75
## 160	273.18	14.71
## 161	262.05	30.71
## 162	260.90	4.93
## 163	87.05	9.27
## 164	125.94	8.52
## 165	209.44	7.56
## 166	209.53	10.26
## 167	148.25	9.81
## 168	285.05	44.27
## 169	254.64	7.12
## 170	257.90	18.76
## 171	200.02	11.38
## 172	244.92	24.36
## 173	225.04	11.34
## 174	254.14	22.11
## 175	91.94	8.79
## 176	299.69	19.92
## 177	267.69	24.39
## 178	207.51	15.66
## 179	287.45	15.75
## 180	267.54	30.50
## 181	286.36	14.21
## 182	260.29	21.16
## 183	259.95	8.58
## 184	294.87	14.32
## 185	248.31	26.20
## 186	200.74	30.15
## 187	81.96	12.09
## 188	206.29	11.58
## 189	87.55	12.24
## 190	219.65	16.39
## 191	279.77	8.11
## 192	267.31	11.12
## 193	260.94	37.86
## 194	279.81	37.08
## 195	195.92	11.26
## 196	262.57	22.18
## 197	253.22	12.97
## 198	259.82	13.89
## 199	237.34	19.10

## 200	152.37	21.73
## 201	269.60	36.96
## 202	159.51	19.44
## 203	149.90	16.29
## 204	44.43	28.31
## 205	240.12	36.58
## 206	274.26	28.95
## 207	232.94	26.94
## 208	294.80	29.67
## 209	147.75	10.62
## 210	250.75	12.81
## 211	249.86	20.04
## 212	268.41	13.06
## 213	84.64	8.09
## 214	271.52	20.48
## 215	257.87	13.61
## 216	323.92	14.19
## 217	269.56	11.69
## 218	259.60	13.25
## 219	290.67	9.69
## 220	164.11	7.02
## 221	222.48	10.14
## 222	84.70	19.92
## 223	234.63	4.12
## 224	265.92	17.97
## 225	257.90	19.50
## 226	273.32	22.08
## 227	141.81	10.95
## 228	92.29	16.02
## 229	198.86	11.10
## 230	132.81	8.90
## 231	260.23	33.72
## 232	201.46	27.46
## 233	294.73	12.34
## 234	288.33	15.93
## 235	252.17	4.91
## 236	41.31	5.20
## 237	270.73	4.02
## 238	169.98	8.68
## 239	92.15	15.26
## 240	63.84	12.99
## 241	308.34	15.71
## 242	279.87	29.02
## 243	247.87	37.41
## 244	293.24	32.52
## 245	282.05	18.57
## 246	213.95	12.99
## 247	307.35	13.04
## 248	66.08	13.54
## 249	129.16	14.67
## 250	262.54	8.58
## 251	208.07	11.18
## 252	96.08	21.09
## 253	117.88	5.35

## 254	218.69	11.43
## 255	83.97	16.81
## 256	223.08	12.81
## 257	270.90	25.36
## 258	253.60	25.43
## 259	174.37	9.99
## 260	265.13	21.69
## 261	276.88	20.69
## 262	211.30	9.01
## 263	243.52	21.23
## 264	177.62	7.59
## 265	266.23	11.79
## 266	253.68	29.24
## 267	274.71	14.69
## 268	185.12	5.26
## 269	281.40	16.63
## 270	227.11	8.84
## 271	147.08	12.99
## 272	265.66	20.94
## 273	46.36	8.79
## 274	301.80	25.59
## 275	289.84	30.03
## 276	297.97	26.35
## 277	292.70	26.53
## 278	246.48	24.66
## 279	280.44	60.75
## 280	113.56	7.03
## 281	308.25	22.49
## 282	182.07	9.73
## 283	81.86	16.32
## 284	107.28	22.74
## 285	252.18	28.71
## 286	220.83	11.70
## 287	212.61	12.04
## 288	307.84	7.78
## 289	276.37	11.88
## 290	187.60	10.17
##	Temperature.daily.max..2.m.above.gnd. Temperature.daily.min..2.m.above.gnd.	
## 1	22.40	16.22
## 2	32.00	19.86
## 3	20.57	13.03
## 4	21.49	14.73
## 5	21.88	14.40
## 6	22.84	12.61
## 7	24.33	18.64
## 8	18.51	8.94
## 9	20.87	10.42
## 10	17.04	7.64
## 11	12.08	7.06
## 12	11.30	2.26
## 13	6.44	2.19
## 14	6.97	1.21
## 15	2.55	-5.43
## 16	0.61	-5.59

## 17	3.90	-2.87
## 18	5.56	1.48
## 19	1.60	-3.52
## 20	5.83	-1.21
## 21	3.20	-2.13
## 22	1.05	-3.48
## 23	3.07	-0.77
## 24	10.84	4.91
## 25	16.51	1.23
## 26	25.00	11.71
## 27	23.23	12.02
## 28	23.19	14.91
## 29	23.17	14.07
## 30	22.41	14.77
## 31	24.73	12.16
## 32	27.06	15.53
## 33	26.14	15.82
## 34	19.97	10.48
## 35	20.94	11.61
## 36	17.98	12.80
## 37	26.56	18.06
## 38	32.05	19.67
## 39	29.37	20.61
## 40	24.92	14.57
## 41	24.27	15.85
## 42	13.52	3.19
## 43	13.62	1.59
## 44	16.68	7.20
## 45	16.10	6.48
## 46	13.62	2.09
## 47	10.02	1.60
## 48	9.04	4.39
## 49	10.01	2.96
## 50	4.76	3.20
## 51	14.46	8.13
## 52	10.30	0.84
## 53	11.06	0.25
## 54	7.24	2.48
## 55	5.34	-0.73
## 56	-0.80	-8.49
## 57	-2.13	-8.87
## 58	5.50	-2.05
## 59	10.80	1.11
## 60	10.22	3.71
## 61	17.81	3.04
## 62	14.23	5.39
## 63	16.21	8.23
## 64	9.91	4.71
## 65	17.52	11.67
## 66	24.25	14.57
## 67	23.06	15.22
## 68	25.50	14.69
## 69	21.87	13.94
## 70	23.02	13.38

## 71	28.92	18.77
## 72	21.64	17.46
## 73	17.07	9.66
## 74	23.41	13.09
## 75	23.03	12.33
## 76	22.92	14.20
## 77	23.31	9.25
## 78	17.35	7.76
## 79	15.08	8.20
## 80	13.40	6.31
## 81	3.60	-0.51
## 82	7.02	0.92
## 83	8.98	6.92
## 84	10.19	5.46
## 85	-0.26	-4.91
## 86	6.25	-0.75
## 87	13.11	2.90
## 88	9.18	3.17
## 89	1.53	-7.81
## 90	7.36	1.25
## 91	5.70	0.49
## 92	11.57	3.25
## 93	10.62	-4.10
## 94	7.60	3.30
## 95	9.64	4.19
## 96	19.30	10.61
## 97	25.43	13.97
## 98	13.34	6.05
## 99	21.17	8.96
## 100	15.68	11.06
## 101	19.57	11.16
## 102	18.74	5.47
## 103	22.11	7.13
## 104	24.74	17.44
## 105	21.75	15.30
## 106	28.87	15.11
## 107	29.20	15.07
## 108	27.64	20.84
## 109	33.12	19.00
## 110	27.47	19.07
## 111	28.42	18.14
## 112	17.04	12.13
## 113	22.16	11.78
## 114	20.72	12.04
## 115	25.44	14.24
## 116	22.11	10.26
## 117	12.86	4.67
## 118	12.98	7.83
## 119	8.20	1.48
## 120	6.19	0.82
## 121	8.32	2.50
## 122	8.30	4.25
## 123	8.18	1.46
## 124	7.47	-0.19

## 125	6.36	0.47
## 126	8.85	4.29
## 127	18.14	3.57
## 128	15.13	6.74
## 129	23.52	12.47
## 130	21.58	10.82
## 131	12.71	7.31
## 132	21.17	10.93
## 133	14.05	8.07
## 134	19.89	7.60
## 135	21.71	7.18
## 136	20.05	11.44
## 137	18.03	11.74
## 138	24.72	13.41
## 139	25.33	17.38
## 140	30.41	17.81
## 141	25.20	18.54
## 142	23.69	16.65
## 143	21.10	13.73
## 144	24.79	12.99
## 145	23.71	15.28
## 146	21.66	9.52
## 147	25.27	16.61
## 148	22.27	10.89
## 149	20.92	14.37
## 150	24.19	11.62
## 151	23.01	14.48
## 152	19.42	9.17
## 153	16.30	7.73
## 154	13.27	8.71
## 155	5.43	2.85
## 156	5.44	2.75
## 157	6.44	-0.07
## 158	11.81	9.23
## 159	6.12	-0.94
## 160	7.92	2.94
## 161	5.23	0.86
## 162	11.13	-0.20
## 163	6.59	-0.33
## 164	7.01	2.83
## 165	10.13	2.22
## 166	7.22	0.68
## 167	15.55	2.67
## 168	7.50	3.73
## 169	12.87	1.48
## 170	16.66	11.20
## 171	17.37	11.45
## 172	15.44	7.52
## 173	26.16	11.35
## 174	25.46	13.58
## 175	24.84	11.67
## 176	20.39	12.13
## 177	23.67	13.31
## 178	29.18	20.58

## 179	27.91	18.00
## 180	22.76	15.13
## 181	20.75	11.61
## 182	22.21	11.10
## 183	21.67	13.44
## 184	21.00	13.03
## 185	21.70	12.99
## 186	26.86	14.30
## 187	20.47	10.60
## 188	17.78	11.21
## 189	17.62	8.44
## 190	9.58	3.10
## 191	10.84	3.88
## 192	14.99	5.01
## 193	16.46	10.42
## 194	12.04	7.86
## 195	12.52	5.48
## 196	9.67	1.96
## 197	8.76	2.71
## 198	15.10	8.36
## 199	8.15	3.84
## 200	1.82	-4.89
## 201	13.44	9.88
## 202	6.08	-1.32
## 203	5.50	1.98
## 204	4.66	0.72
## 205	8.34	-0.15
## 206	5.25	-0.23
## 207	17.85	9.48
## 208	9.94	-0.60
## 209	21.07	8.57
## 210	18.76	13.62
## 211	20.02	13.12
## 212	19.78	12.79
## 213	24.43	12.95
## 214	17.22	14.00
## 215	16.77	12.14
## 216	21.03	11.55
## 217	23.46	16.81
## 218	29.22	17.88
## 219	20.36	9.99
## 220	27.53	17.30
## 221	25.49	16.59
## 222	28.77	12.51
## 223	27.78	16.59
## 224	27.88	16.24
## 225	24.50	13.80
## 226	15.67	9.30
## 227	13.88	8.62
## 228	13.54	1.94
## 229	20.87	7.53
## 230	10.83	2.45
## 231	14.37	10.15
## 232	12.77	3.61

## 233	7.60	1.51
## 234	7.96	3.28
## 235	8.20	1.35
## 236	8.49	-0.31
## 237	6.20	1.21
## 238	5.80	-0.07
## 239	-1.59	-4.96
## 240	1.94	-4.12
## 241	11.57	6.04
## 242	13.06	8.55
## 243	10.82	3.44
## 244	11.40	9.35
## 245	21.81	10.38
## 246	18.51	5.90
## 247	15.15	6.49
## 248	9.22	0.76
## 249	20.26	3.28
## 250	17.70	12.32
## 251	22.37	16.29
## 252	25.50	9.68
## 253	23.04	17.45
## 254	25.46	13.33
## 255	22.77	11.95
## 256	30.64	13.38
## 257	29.95	19.91
## 258	20.72	13.86
## 259	23.85	14.57
## 260	23.43	15.84
## 261	22.60	13.43
## 262	30.24	21.89
## 263	32.96	18.76
## 264	19.85	12.75
## 265	26.10	15.15
## 266	17.88	10.39
## 267	17.41	7.97
## 268	22.18	14.22
## 269	16.25	6.01
## 270	24.39	12.35
## 271	22.43	10.22
## 272	9.52	4.51
## 273	6.46	0.48
## 274	5.12	-0.11
## 275	4.13	0.89
## 276	4.93	0.89
## 277	3.72	-0.28
## 278	10.42	0.47
## 279	6.06	2.26
## 280	9.72	5.28
## 281	4.05	-0.27
## 282	6.28	-1.82
## 283	7.09	0.16
## 284	-0.61	-8.02
## 285	13.38	7.82
## 286	17.36	10.42

## 287	20.55	14.10
## 288	24.75	14.72
## 289	26.15	18.72
## 290	22.06	11.01
##	Relative.Humidity.daily.max..2.m.above.gnd.	
## 1	93	
## 2	85	
## 3	91	
## 4	88	
## 5	89	
## 6	92	
## 7	87	
## 8	85	
## 9	91	
## 10	92	
## 11	90	
## 12	90	
## 13	93	
## 14	90	
## 15	95	
## 16	92	
## 17	98	
## 18	92	
## 19	96	
## 20	95	
## 21	98	
## 22	94	
## 23	96	
## 24	90	
## 25	100	
## 26	78	
## 27	83	
## 28	85	
## 29	81	
## 30	97	
## 31	95	
## 32	90	
## 33	86	
## 34	91	
## 35	93	
## 36	84	
## 37	89	
## 38	86	
## 39	87	
## 40	91	
## 41	79	
## 42	94	
## 43	89	
## 44	88	
## 45	91	
## 46	92	
## 47	87	
## 48	94	
## 49	85	

## 50	87
## 51	89
## 52	91
## 53	96
## 54	93
## 55	94
## 56	90
## 57	96
## 58	97
## 59	86
## 60	84
## 61	98
## 62	96
## 63	92
## 64	94
## 65	97
## 66	79
## 67	87
## 68	97
## 69	94
## 70	94
## 71	94
## 72	89
## 73	96
## 74	96
## 75	92
## 76	85
## 77	100
## 78	97
## 79	93
## 80	88
## 81	88
## 82	92
## 83	88
## 84	83
## 85	93
## 86	91
## 87	83
## 88	83
## 89	79
## 90	94
## 91	93
## 92	85
## 93	63
## 94	85
## 95	81
## 96	82
## 97	91
## 98	92
## 99	94
## 100	95
## 101	86
## 102	71
## 103	81

## 104	85
## 105	88
## 106	94
## 107	77
## 108	81
## 109	88
## 110	93
## 111	78
## 112	82
## 113	93
## 114	99
## 115	93
## 116	89
## 117	91
## 118	77
## 119	94
## 120	93
## 121	78
## 122	96
## 123	85
## 124	82
## 125	88
## 126	69
## 127	74
## 128	87
## 129	66
## 130	67
## 131	72
## 132	83
## 133	86
## 134	69
## 135	100
## 136	96
## 137	94
## 138	75
## 139	80
## 140	79
## 141	78
## 142	83
## 143	68
## 144	90
## 145	88
## 146	88
## 147	83
## 148	85
## 149	84
## 150	90
## 151	79
## 152	96
## 153	86
## 154	96
## 155	95
## 156	88
## 157	92

## 158	90
## 159	96
## 160	88
## 161	92
## 162	90
## 163	95
## 164	93
## 165	87
## 166	88
## 167	77
## 168	81
## 169	86
## 170	77
## 171	96
## 172	96
## 173	77
## 174	95
## 175	87
## 176	90
## 177	84
## 178	84
## 179	74
## 180	74
## 181	80
## 182	76
## 183	91
## 184	70
## 185	94
## 186	74
## 187	95
## 188	96
## 189	96
## 190	84
## 191	94
## 192	88
## 193	80
## 194	86
## 195	87
## 196	83
## 197	90
## 198	92
## 199	94
## 200	84
## 201	83
## 202	96
## 203	94
## 204	96
## 205	95
## 206	95
## 207	95
## 208	89
## 209	96
## 210	98
## 211	93

## 212	92
## 213	98
## 214	89
## 215	88
## 216	92
## 217	78
## 218	82
## 219	81
## 220	88
## 221	87
## 222	81
## 223	76
## 224	86
## 225	64
## 226	84
## 227	75
## 228	87
## 229	92
## 230	97
## 231	84
## 232	95
## 233	77
## 234	91
## 235	86
## 236	97
## 237	85
## 238	98
## 239	82
## 240	90
## 241	97
## 242	83
## 243	84
## 244	92
## 245	80
## 246	87
## 247	87
## 248	95
## 249	82
## 250	92
## 251	84
## 252	93
## 253	90
## 254	95
## 255	85
## 256	84
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## 281	92
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## 285	87
## 286	94
## 287	95
## 288	84
## 289	82
## 290	91
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## 1	54
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## 19	73
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## 26	36
## 27	41
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## 35	56
## 36	60
## 37	59
## 38	38
## 39	49
## 40	60
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## 45	57
## 46	64
## 47	61
## 48	88
## 49	64
## 50	73
## 51	68
## 52	49
## 53	59
## 54	70
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## 58	45
## 59	57
## 60	72
## 61	55
## 62	65
## 63	45
## 64	58
## 65	57
## 66	48
## 67	67
## 68	58
## 69	81
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## 76	55
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## 78	65
## 79	75
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## 81	82
## 82	73

## 83	72
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## 89	44
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## 110	54
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## 123	59
## 124	36
## 125	48
## 126	45
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## 135	47
## 136	48

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## 147	49
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## 149	50
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## 151	45
## 152	56
## 153	58
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## 155	72
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## 158	68
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## 162	55
## 163	69
## 164	60
## 165	47
## 166	61
## 167	46
## 168	56
## 169	45
## 170	44
## 171	72
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## 178	44
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## 184	36
## 185	45
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## 190	61

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## 194	69
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## 198	74
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## 206	65
## 207	56
## 208	44
## 209	50
## 210	76
## 211	58
## 212	63
## 213	50
## 214	70
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## 216	51
## 217	55
## 218	45
## 219	40
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## 222	42
## 223	36
## 224	37
## 225	37
## 226	51
## 227	52
## 228	42
## 229	45
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## 231	67
## 232	60
## 233	38
## 234	54
## 235	65
## 236	61
## 237	61
## 238	72
## 239	48
## 240	60
## 241	68
## 242	73
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## 244	79

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## 247	51
## 248	72
## 249	39
## 250	64
## 251	51
## 252	42
## 253	62
## 254	45
## 255	47
## 256	41
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## 260	50
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## 262	35
## 263	30
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## 266	50
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## 269	44
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## 276	64
## 277	59
## 278	51
## 279	70
## 280	74
## 281	55
## 282	46
## 283	52
## 284	42
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## 286	63
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## 288	46
## 289	44
## 290	39
## Mean.Sea.Level.Pressure.daily.max..MSL.	
## 1	1022.8
## 2	1011.1
## 3	1022.1
## 4	1020.2
## 5	1016.5
## 6	1019.9
## 7	1010.6

## 8	1021.6
## 9	1017.6
## 10	1012.0
## 11	1014.0
## 12	1015.0
## 13	1007.7
## 14	1009.9
## 15	1013.6
## 16	1014.5
## 17	1019.4
## 18	1032.5
## 19	1001.2
## 20	1001.0
## 21	1025.6
## 22	1021.9
## 23	1029.4
## 24	1016.5
## 25	1021.9
## 26	1019.3
## 27	1021.7
## 28	1020.5
## 29	1026.9
## 30	1019.3
## 31	1018.5
## 32	1017.6
## 33	1015.3
## 34	1013.4
## 35	1017.8
## 36	1018.2
## 37	1011.2
## 38	1015.1
## 39	1016.2
## 40	1014.4
## 41	1028.2
## 42	1028.9
## 43	1021.4
## 44	1026.2
## 45	1018.3
## 46	1031.9
## 47	1020.4
## 48	1020.4
## 49	1008.0
## 50	1022.8
## 51	1020.2
## 52	1027.9
## 53	1032.0
## 54	1022.7
## 55	1024.0
## 56	1034.3
## 57	1034.7
## 58	1034.1
## 59	1028.1
## 60	1035.4
## 61	1030.6

## 62	1012.2
## 63	1005.0
## 64	1017.5
## 65	1016.2
## 66	1018.1
## 67	1012.6
## 68	1023.1
## 69	1021.4
## 70	1016.0
## 71	1015.8
## 72	1017.6
## 73	1022.4
## 74	1019.2
## 75	1025.6
## 76	1015.5
## 77	1019.2
## 78	1007.6
## 79	1011.5
## 80	1021.3
## 81	1018.4
## 82	1011.8
## 83	1012.7
## 84	1025.7
## 85	1015.1
## 86	999.2
## 87	1026.1
## 88	1019.4
## 89	1018.7
## 90	1025.9
## 91	1019.4
## 92	998.6
## 93	1019.3
## 94	1001.6
## 95	1012.6
## 96	1009.7
## 97	1024.9
## 98	1019.7
## 99	1018.9
## 100	1016.5
## 101	1005.2
## 102	1015.9
## 103	1022.1
## 104	1016.6
## 105	1024.4
## 106	1027.1
## 107	1022.0
## 108	1016.2
## 109	1019.4
## 110	1013.5
## 111	1018.1
## 112	1019.8
## 113	1028.4
## 114	1016.5
## 115	1019.4

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## 117	1005.7
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## 119	1012.5
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## 121	1030.6
## 122	999.4
## 123	1028.3
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## 125	1004.3
## 126	1005.5
## 127	1027.9
## 128	1028.2
## 129	1012.1
## 130	1007.3
## 131	1016.8
## 132	1020.2
## 133	1028.8
## 134	1031.4
## 135	1018.4
## 136	1018.2
## 137	1016.0
## 138	1018.9
## 139	1012.8
## 140	1021.4
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## 142	1018.6
## 143	1017.0
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## 145	1020.6
## 146	1020.2
## 147	1014.7
## 148	1026.1
## 149	1016.1
## 150	1011.7
## 151	1023.6
## 152	1017.0
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## 154	1009.2
## 155	1023.3
## 156	1023.4
## 157	1032.0
## 158	1018.5
## 159	1040.2
## 160	1033.8
## 161	987.3
## 162	1024.3
## 163	1039.7
## 164	1011.5
## 165	1021.4
## 166	1024.3
## 167	1022.9
## 168	1026.6
## 169	1025.2

## 170	1027.8
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## 172	1014.2
## 173	1025.4
## 174	1019.3
## 175	1021.0
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## 177	1017.6
## 178	1022.1
## 179	1019.9
## 180	1013.0
## 181	1017.8
## 182	1019.8
## 183	1018.3
## 184	1017.5
## 185	1010.9
## 186	1004.7
## 187	1022.9
## 188	1021.0
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## 190	1017.0
## 191	1019.2
## 192	1030.2
## 193	1023.4
## 194	1032.3
## 195	1035.8
## 196	1033.4
## 197	1024.9
## 198	1028.5
## 199	1018.2
## 200	1027.2
## 201	1029.2
## 202	1026.5
## 203	1016.2
## 204	1019.0
## 205	1008.5
## 206	1005.3
## 207	1014.4
## 208	1018.7
## 209	1013.6
## 210	1006.6
## 211	1011.7
## 212	1013.3
## 213	1018.0
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## 216	1018.7
## 217	1016.6
## 218	1013.3
## 219	1023.2
## 220	1012.2
## 221	1010.9
## 222	1027.1
## 223	1020.8

## 224	1018.2
## 225	1018.9
## 226	1024.2
## 227	1024.3
## 228	1020.1
## 229	1023.5
## 230	1025.7
## 231	1023.0
## 232	1009.6
## 233	1038.1
## 234	1027.5
## 235	1029.8
## 236	1041.1
## 237	1036.3
## 238	1049.0
## 239	1041.8
## 240	1029.8
## 241	1032.8
## 242	1023.5
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## 244	1026.4
## 245	1022.6
## 246	1024.6
## 247	1030.4
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## 249	1013.9
## 250	1026.7
## 251	1014.2
## 252	1019.1
## 253	1020.2
## 254	1018.3
## 255	1024.8
## 256	1020.4
## 257	1017.0
## 258	1004.1
## 259	1021.6
## 260	1013.1
## 261	1020.5
## 262	1018.1
## 263	1013.8
## 264	1020.6
## 265	1021.2
## 266	1008.8
## 267	1018.6
## 268	1023.8
## 269	1027.6
## 270	1028.2
## 271	1015.2
## 272	1026.8
## 273	1027.0
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## 275	1009.5
## 276	1036.0
## 277	1029.9

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## 280	1034.2	
## 281	1021.1	
## 282	1018.3	
## 283	1028.4	
## 284	1017.3	
## 285	1004.0	
## 286	1020.5	
## 287	1019.2	
## 288	1021.3	
## 289	1014.8	
## 290	1017.2	
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## 1	1020.7	100.0
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## 3	1018.8	100.0
## 4	1015.9	100.0
## 5	1013.9	100.0
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## 7	1006.9	100.0
## 8	1013.6	100.0
## 9	1010.3	100.0
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## 11	1009.2	100.0
## 12	1002.4	100.0
## 13	1001.4	100.0
## 14	999.8	100.0
## 15	1000.7	100.0
## 16	1007.3	100.0
## 17	1004.9	100.0
## 18	1023.0	100.0
## 19	991.8	100.0
## 20	996.6	100.0
## 21	1023.1	100.0
## 22	1016.8	100.0
## 23	1026.5	100.0
## 24	1008.6	100.0
## 25	1018.4	26.0
## 26	1016.9	100.0
## 27	1015.3	0.0
## 28	1018.2	100.0
## 29	1022.0	10.0
## 30	1017.0	100.0
## 31	1006.7	100.0
## 32	1014.9	100.0
## 33	1010.9	54.0
## 34	1008.5	100.0
## 35	1014.0	100.0
## 36	1008.5	100.0
## 37	1008.7	100.0
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## 39	1013.9	100.0
## 40	1011.8	100.0

## 41	1025.7	100.0
## 42	1024.9	100.0
## 43	1014.6	0.0
## 44	1023.2	100.0
## 45	1011.1	100.0
## 46	1025.6	5.4
## 47	1017.6	37.0
## 48	1015.1	100.0
## 49	983.6	100.0
## 50	1015.9	100.0
## 51	1016.8	100.0
## 52	1018.0	100.0
## 53	1019.8	100.0
## 54	1020.1	100.0
## 55	1021.1	100.0
## 56	1029.3	100.0
## 57	1031.5	100.0
## 58	1027.8	100.0
## 59	1020.5	100.0
## 60	1031.7	100.0
## 61	1025.8	100.0
## 62	1006.5	100.0
## 63	997.6	100.0
## 64	1007.1	100.0
## 65	1012.6	100.0
## 66	1015.9	100.0
## 67	1007.9	100.0
## 68	1015.4	100.0
## 69	1011.8	100.0
## 70	1013.2	32.0
## 71	1013.3	33.0
## 72	1012.2	100.0
## 73	1019.6	100.0
## 74	1017.1	100.0
## 75	1022.5	11.7
## 76	1013.2	100.0
## 77	1015.5	100.0
## 78	999.7	100.0
## 79	1002.9	100.0
## 80	1016.4	100.0
## 81	1012.9	100.0
## 82	1001.0	100.0
## 83	1008.2	100.0
## 84	1016.9	100.0
## 85	1010.3	100.0
## 86	996.5	100.0
## 87	1019.7	100.0
## 88	1014.7	100.0
## 89	1003.9	100.0
## 90	1023.0	100.0
## 91	1015.8	100.0
## 92	995.0	100.0
## 93	1008.6	100.0
## 94	992.6	100.0

## 95	1002.5	100.0
## 96	1002.4	100.0
## 97	1018.4	100.0
## 98	1016.3	100.0
## 99	1013.6	100.0
## 100	1012.3	100.0
## 101	1000.8	100.0
## 102	1008.0	100.0
## 103	1014.9	100.0
## 104	1011.3	100.0
## 105	1016.3	100.0
## 106	1022.9	100.0
## 107	1018.2	55.0
## 108	1014.0	100.0
## 109	1013.4	7.2
## 110	1009.1	100.0
## 111	1015.5	11.4
## 112	1014.4	100.0
## 113	1025.6	57.0
## 114	1012.1	100.0
## 115	1015.3	100.0
## 116	1008.7	100.0
## 117	996.5	100.0
## 118	1009.5	100.0
## 119	1008.7	100.0
## 120	1025.4	53.0
## 121	1027.9	61.0
## 122	992.9	100.0
## 123	1010.5	100.0
## 124	996.0	100.0
## 125	1000.6	100.0
## 126	998.8	100.0
## 127	1023.0	100.0
## 128	1020.7	100.0
## 129	1004.8	100.0
## 130	1004.4	100.0
## 131	1009.7	100.0
## 132	1015.3	100.0
## 133	1024.1	100.0
## 134	1021.5	100.0
## 135	1009.9	100.0
## 136	1010.6	100.0
## 137	1012.3	100.0
## 138	1016.1	100.0
## 139	1010.0	100.0
## 140	1018.0	67.0
## 141	1007.1	100.0
## 142	1015.0	100.0
## 143	1014.5	100.0
## 144	1015.7	100.0
## 145	1015.9	100.0
## 146	1014.6	100.0
## 147	1012.2	100.0
## 148	1024.6	1.2

## 149	1013.2	100.0
## 150	1008.2	100.0
## 151	1021.1	100.0
## 152	1007.9	100.0
## 153	1017.9	100.0
## 154	1002.4	100.0
## 155	1020.2	100.0
## 156	1019.4	100.0
## 157	1022.4	100.0
## 158	1014.4	100.0
## 159	1032.2	0.0
## 160	1029.7	100.0
## 161	980.6	100.0
## 162	1020.7	0.0
## 163	1036.1	100.0
## 164	1003.7	100.0
## 165	1013.3	100.0
## 166	1018.3	70.0
## 167	1019.9	100.0
## 168	1017.6	100.0
## 169	1016.3	100.0
## 170	1023.0	100.0
## 171	999.3	100.0
## 172	1002.8	100.0
## 173	1020.8	100.0
## 174	1016.6	100.0
## 175	1017.7	100.0
## 176	1017.3	100.0
## 177	1007.8	100.0
## 178	1016.7	100.0
## 179	1017.7	19.0
## 180	1010.0	100.0
## 181	1014.9	24.0
## 182	1013.6	2.4
## 183	1014.1	100.0
## 184	1014.9	100.0
## 185	1004.3	100.0
## 186	997.3	100.0
## 187	1019.9	100.0
## 188	1016.1	100.0
## 189	1011.9	100.0
## 190	1013.8	100.0
## 191	1016.6	100.0
## 192	1025.4	5.7
## 193	1018.8	100.0
## 194	1026.5	100.0
## 195	1031.7	100.0
## 196	1030.4	100.0
## 197	1022.0	100.0
## 198	1024.4	100.0
## 199	1013.6	100.0
## 200	1014.2	100.0
## 201	1017.9	100.0
## 202	1015.3	100.0

## 203	1009.1	100.0
## 204	1007.2	100.0
## 205	992.9	100.0
## 206	996.2	100.0
## 207	1009.7	100.0
## 208	1008.3	100.0
## 209	1011.0	100.0
## 210	1003.9	100.0
## 211	1007.6	100.0
## 212	1010.3	100.0
## 213	1016.5	100.0
## 214	1008.1	100.0
## 215	1014.4	100.0
## 216	1016.2	100.0
## 217	1013.9	100.0
## 218	1009.5	100.0
## 219	1021.4	100.0
## 220	1008.5	100.0
## 221	1008.7	100.0
## 222	1021.7	0.0
## 223	1017.7	24.0
## 224	1013.2	100.0
## 225	1014.7	100.0
## 226	1014.8	100.0
## 227	1019.2	100.0
## 228	1015.1	36.0
## 229	1019.8	100.0
## 230	1021.4	100.0
## 231	1012.5	100.0
## 232	1003.7	100.0
## 233	1029.0	13.0
## 234	1024.9	100.0
## 235	1026.6	100.0
## 236	1035.5	100.0
## 237	1028.4	83.0
## 238	1040.5	100.0
## 239	1038.3	54.0
## 240	1024.3	100.0
## 241	1029.3	100.0
## 242	1019.5	100.0
## 243	1003.4	100.0
## 244	1022.7	100.0
## 245	1018.7	100.0
## 246	1016.5	45.0
## 247	1022.5	100.0
## 248	1009.8	100.0
## 249	1003.1	100.0
## 250	1018.6	100.0
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## 252	1015.4	100.0
## 253	1017.1	100.0
## 254	1014.6	100.0
## 255	1022.4	100.0
## 256	1015.4	41.0

## 257	1012.3	100.0
## 258	996.6	100.0
## 259	1016.7	100.0
## 260	1010.0	100.0
## 261	1018.9	100.0
## 262	1015.3	100.0
## 263	1009.6	100.0
## 264	1014.3	100.0
## 265	1017.9	100.0
## 266	1003.0	100.0
## 267	1012.9	100.0
## 268	1021.1	100.0
## 269	1019.9	100.0
## 270	1024.3	0.0
## 271	1011.7	100.0
## 272	1020.3	100.0
## 273	1023.9	100.0
## 274	1022.3	100.0
## 275	1007.0	100.0
## 276	1029.5	100.0
## 277	1020.3	100.0
## 278	1006.1	100.0
## 279	999.4	100.0
## 280	1021.3	100.0
## 281	1010.2	100.0
## 282	1010.4	100.0
## 283	1023.5	100.0
## 284	1011.2	100.0
## 285	995.6	100.0
## 286	1016.3	100.0
## 287	1015.6	100.0
## 288	1017.3	100.0
## 289	1010.3	100.0
## 290	1014.7	100.0
##	Total.Cloud.Cover.daily.min..sfc. High.Cloud.Cover.daily.max..high.cld.lay.	
## 1	0.0	100
## 2	0.0	11
## 3	0.0	0
## 4	0.0	100
## 5	0.0	100
## 6	0.0	100
## 7	2.0	100
## 8	0.0	47
## 9	0.0	100
## 10	0.0	36
## 11	23.0	100
## 12	0.0	100
## 13	9.0	100
## 14	34.0	3
## 15	2.0	0
## 16	0.0	6
## 17	100.0	100
## 18	2.7	10
## 19	38.0	52

## 20	30.0	74
## 21	0.0	7
## 22	3.0	91
## 23	20.0	0
## 24	0.6	29
## 25	0.0	0
## 26	4.5	35
## 27	0.0	0
## 28	0.0	67
## 29	0.0	25
## 30	0.0	21
## 31	5.7	100
## 32	0.0	100
## 33	0.0	51
## 34	0.0	46
## 35	0.0	0
## 36	0.0	0
## 37	0.0	100
## 38	0.0	100
## 39	0.0	100
## 40	1.2	100
## 41	0.0	100
## 42	0.0	18
## 43	0.0	0
## 44	0.0	38
## 45	0.0	15
## 46	0.0	18
## 47	0.0	38
## 48	100.0	100
## 49	0.0	100
## 50	0.0	100
## 51	5.0	100
## 52	0.9	85
## 53	100.0	100
## 54	1.0	1
## 55	3.9	100
## 56	0.0	19
## 57	0.0	0
## 58	0.0	0
## 59	0.0	100
## 60	0.0	52
## 61	0.0	13
## 62	0.0	23
## 63	0.0	100
## 64	71.0	17
## 65	0.0	100
## 66	0.0	100
## 67	1.0	100
## 68	0.0	23
## 69	10.0	100
## 70	0.0	0
## 71	0.0	10
## 72	0.0	100
## 73	65.0	0

## 74	0.0	100
## 75	0.0	39
## 76	0.0	100
## 77	0.0	100
## 78	53.0	100
## 79	25.0	100
## 80	5.1	100
## 81	53.0	1
## 82	4.2	100
## 83	0.0	34
## 84	0.0	33
## 85	85.0	0
## 86	0.0	30
## 87	0.0	100
## 88	42.0	100
## 89	0.0	22
## 90	0.0	0
## 91	0.0	0
## 92	0.6	88
## 93	0.0	100
## 94	81.0	100
## 95	0.0	100
## 96	67.0	100
## 97	0.9	35
## 98	100.0	100
## 99	0.0	100
## 100	100.0	100
## 101	0.0	100
## 102	0.0	100
## 103	0.0	58
## 104	4.8	100
## 105	0.0	27
## 106	0.0	0
## 107	0.0	1
## 108	10.0	100
## 109	0.0	24
## 110	6.6	100
## 111	0.0	38
## 112	0.0	100
## 113	0.0	100
## 114	2.0	100
## 115	7.2	100
## 116	3.0	100
## 117	0.0	49
## 118	0.0	100
## 119	100.0	100
## 120	0.0	0
## 121	0.0	40
## 122	71.0	100
## 123	0.0	0
## 124	0.0	12
## 125	19.0	100
## 126	0.0	28
## 127	0.0	42

## 128	0.0	15
## 129	0.0	100
## 130	3.0	100
## 131	3.0	100
## 132	0.0	100
## 133	0.0	0
## 134	0.0	26
## 135	0.0	82
## 136	10.0	100
## 137	10.0	0
## 138	0.0	32
## 139	0.0	100
## 140	0.0	0
## 141	2.7	100
## 142	0.0	0
## 143	0.0	0
## 144	0.0	41
## 145	0.0	100
## 146	0.0	100
## 147	0.0	100
## 148	0.0	4
## 149	37.0	100
## 150	0.0	46
## 151	0.0	100
## 152	0.0	100
## 153	0.0	20
## 154	3.0	100
## 155	100.0	24
## 156	0.0	69
## 157	0.3	67
## 158	0.6	100
## 159	0.0	0
## 160	0.0	100
## 161	0.0	81
## 162	0.0	0
## 163	0.0	0
## 164	0.0	100
## 165	0.0	0
## 166	0.0	22
## 167	0.0	100
## 168	4.0	0
## 169	0.0	100
## 170	0.0	25
## 171	58.0	100
## 172	100.0	100
## 173	0.0	100
## 174	0.0	100
## 175	4.0	51
## 176	0.0	100
## 177	59.0	100
## 178	0.0	37
## 179	0.0	0
## 180	1.2	100
## 181	0.0	33

## 182	0.0	8
## 183	0.0	100
## 184	0.0	0
## 185	50.0	100
## 186	0.0	100
## 187	0.0	32
## 188	0.0	100
## 189	0.0	0
## 190	0.0	0
## 191	0.0	0
## 192	0.0	19
## 193	2.7	100
## 194	0.0	31
## 195	0.0	0
## 196	2.1	69
## 197	0.0	100
## 198	0.0	23
## 199	0.0	100
## 200	0.0	100
## 201	2.1	100
## 202	0.0	9
## 203	70.0	37
## 204	100.0	100
## 205	1.0	100
## 206	7.0	0
## 207	18.0	100
## 208	10.0	15
## 209	0.0	17
## 210	0.0	100
## 211	18.0	100
## 212	30.0	100
## 213	0.0	4
## 214	53.0	100
## 215	2.4	100
## 216	0.0	17
## 217	0.3	37
## 218	0.0	100
## 219	0.0	48
## 220	0.0	100
## 221	1.2	100
## 222	0.0	0
## 223	0.0	28
## 224	0.0	100
## 225	0.0	100
## 226	0.0	26
## 227	0.9	16
## 228	0.0	27
## 229	0.0	100
## 230	0.0	20
## 231	0.3	100
## 232	100.0	100
## 233	0.0	26
## 234	0.0	73
## 235	0.0	31

## 236	6.0	31
## 237	0.0	86
## 238	0.0	3
## 239	0.0	0
## 240	0.0	0
## 241	0.0	0
## 242	100.0	85
## 243	0.0	4
## 244	6.0	100
## 245	0.0	100
## 246	0.0	28
## 247	0.0	13
## 248	100.0	100
## 249	0.0	100
## 250	0.0	64
## 251	1.2	100
## 252	0.0	0
## 253	5.4	100
## 254	0.0	100
## 255	0.0	21
## 256	0.0	0
## 257	0.0	21
## 258	3.0	100
## 259	0.0	0
## 260	30.0	100
## 261	0.0	52
## 262	0.0	100
## 263	0.0	100
## 264	0.0	14
## 265	0.0	100
## 266	0.6	100
## 267	0.0	0
## 268	0.0	100
## 269	0.0	100
## 270	0.0	0
## 271	0.0	100
## 272	90.0	100
## 273	0.0	100
## 274	0.0	0
## 275	52.0	0
## 276	100.0	19
## 277	68.0	100
## 278	0.0	100
## 279	1.0	0
## 280	3.6	55
## 281	0.0	0
## 282	0.0	25
## 283	0.0	0
## 284	0.0	100
## 285	2.1	100
## 286	7.0	100
## 287	5.4	45
## 288	0.0	0
## 289	10.0	100

```

## 290                                0.0
##   High.Cloud.Cover.daily.min..high.cld.lay.
## 1                                0
## 2                                0
## 3                                0
## 4                                0
## 5                                0
## 6                                0
## 7                                0
## 8                                0
## 9                                0
## 10                               0
## 11                               0
## 12                               0
## 13                               12
## 14                               0
## 15                               0
## 16                               0
## 17                               41
## 18                               0
## 19                               0
## 20                               0
## 21                               0
## 22                               0
## 23                               0
## 24                               0
## 25                               0
## 26                               0
## 27                               0
## 28                               0
## 29                               0
## 30                               0
## 31                               19
## 32                               0
## 33                               0
## 34                               0
## 35                               0
## 36                               0
## 37                               0
## 38                               0
## 39                               0
## 40                               4
## 41                               0
## 42                               0
## 43                               0
## 44                               0
## 45                               0
## 46                               0
## 47                               0
## 48                               0
## 49                               0
## 50                               0
## 51                               0
## 52                               0

```

79

## 53	41
## 54	0
## 55	1
## 56	0
## 57	0
## 58	0
## 59	0
## 60	0
## 61	0
## 62	0
## 63	0
## 64	0
## 65	0
## 66	0
## 67	0
## 68	0
## 69	0
## 70	0
## 71	0
## 72	0
## 73	0
## 74	0
## 75	0
## 76	0
## 77	0
## 78	0
## 79	0
## 80	10
## 81	0
## 82	0
## 83	0
## 84	0
## 85	0
## 86	0
## 87	0
## 88	22
## 89	0
## 90	0
## 91	0
## 92	0
## 93	0
## 94	0
## 95	0
## 96	0
## 97	3
## 98	0
## 99	0
## 100	0
## 101	0
## 102	0
## 103	0
## 104	0
## 105	0
## 106	0

## 107	0
## 108	0
## 109	0
## 110	12
## 111	0
## 112	0
## 113	0
## 114	0
## 115	24
## 116	10
## 117	0
## 118	0
## 119	0
## 120	0
## 121	0
## 122	0
## 123	0
## 124	0
## 125	0
## 126	0
## 127	0
## 128	0
## 129	0
## 130	0
## 131	0
## 132	0
## 133	0
## 134	0
## 135	0
## 136	0
## 137	0
## 138	0
## 139	0
## 140	0
## 141	0
## 142	0
## 143	0
## 144	0
## 145	0
## 146	0
## 147	0
## 148	0
## 149	3
## 150	0
## 151	0
## 152	0
## 153	0
## 154	0
## 155	0
## 156	0
## 157	0
## 158	0
## 159	0
## 160	0

## 161	0
## 162	0
## 163	0
## 164	0
## 165	0
## 166	0
## 167	0
## 168	0
## 169	0
## 170	0
## 171	0
## 172	84
## 173	0
## 174	0
## 175	2
## 176	0
## 177	0
## 178	0
## 179	0
## 180	0
## 181	0
## 182	0
## 183	0
## 184	0
## 185	0
## 186	0
## 187	0
## 188	0
## 189	0
## 190	0
## 191	0
## 192	0
## 193	0
## 194	0
## 195	0
## 196	0
## 197	0
## 198	0
## 199	0
## 200	0
## 201	7
## 202	0
## 203	0
## 204	0
## 205	0
## 206	0
## 207	0
## 208	0
## 209	0
## 210	0
## 211	0
## 212	0
## 213	0
## 214	17

## 215	0
## 216	0
## 217	0
## 218	0
## 219	0
## 220	0
## 221	0
## 222	0
## 223	0
## 224	0
## 225	0
## 226	0
## 227	0
## 228	0
## 229	0
## 230	0
## 231	1
## 232	5
## 233	0
## 234	0
## 235	0
## 236	4
## 237	0
## 238	0
## 239	0
## 240	0
## 241	0
## 242	0
## 243	0
## 244	15
## 245	0
## 246	0
## 247	0
## 248	0
## 249	0
## 250	0
## 251	0
## 252	0
## 253	2
## 254	0
## 255	0
## 256	0
## 257	0
## 258	0
## 259	0
## 260	0
## 261	0
## 262	0
## 263	0
## 264	0
## 265	0
## 266	0
## 267	0
## 268	0

## 269	0
## 270	0
## 271	0
## 272	0
## 273	0
## 274	0
## 275	0
## 276	0
## 277	0
## 278	0
## 279	0
## 280	0
## 281	0
## 282	0
## 283	0
## 284	0
## 285	0
## 286	0
## 287	0
## 288	0
## 289	0
## 290	0
## Medium.Cloud.Cover.daily.max..mid.cld.lay.	
## 1	100
## 2	56
## 3	100
## 4	100
## 5	100
## 6	18
## 7	100
## 8	100
## 9	100
## 10	100
## 11	100
## 12	100
## 13	100
## 14	100
## 15	100
## 16	100
## 17	100
## 18	19
## 19	100
## 20	100
## 21	0
## 22	100
## 23	89
## 24	74
## 25	0
## 26	100
## 27	0
## 28	100
## 29	0
## 30	0
## 31	100

## 32	100
## 33	54
## 34	100
## 35	0
## 36	14
## 37	100
## 38	100
## 39	100
## 40	100
## 41	100
## 42	0
## 43	0
## 44	30
## 45	51
## 46	0
## 47	37
## 48	100
## 49	100
## 50	100
## 51	100
## 52	100
## 53	100
## 54	100
## 55	100
## 56	100
## 57	0
## 58	0
## 59	100
## 60	59
## 61	0
## 62	72
## 63	100
## 64	100
## 65	100
## 66	100
## 67	100
## 68	0
## 69	100
## 70	0
## 71	0
## 72	100
## 73	100
## 74	100
## 75	6
## 76	100
## 77	100
## 78	100
## 79	100
## 80	100
## 81	100
## 82	100
## 83	100
## 84	100
## 85	100

## 86	100
## 87	100
## 88	100
## 89	100
## 90	0
## 91	100
## 92	100
## 93	100
## 94	100
## 95	100
## 96	100
## 97	12
## 98	91
## 99	100
## 100	100
## 101	100
## 102	100
## 103	82
## 104	100
## 105	10
## 106	0
## 107	0
## 108	100
## 109	0
## 110	100
## 111	0
## 112	100
## 113	57
## 114	100
## 115	100
## 116	100
## 117	100
## 118	100
## 119	100
## 120	0
## 121	61
## 122	100
## 123	100
## 124	100
## 125	100
## 126	100
## 127	100
## 128	0
## 129	100
## 130	100
## 131	100
## 132	100
## 133	100
## 134	0
## 135	27
## 136	100
## 137	0
## 138	23
## 139	100

## 140	67
## 141	100
## 142	100
## 143	0
## 144	100
## 145	100
## 146	67
## 147	100
## 148	0
## 149	100
## 150	100
## 151	100
## 152	100
## 153	32
## 154	100
## 155	25
## 156	100
## 157	100
## 158	100
## 159	0
## 160	87
## 161	100
## 162	0
## 163	0
## 164	100
## 165	100
## 166	55
## 167	100
## 168	73
## 169	100
## 170	100
## 171	100
## 172	100
## 173	100
## 174	100
## 175	100
## 176	100
## 177	100
## 178	20
## 179	0
## 180	100
## 181	0
## 182	0
## 183	69
## 184	0
## 185	100
## 186	100
## 187	0
## 188	100
## 189	0
## 190	0
## 191	71
## 192	0
## 193	63

## 194	100
## 195	0
## 196	100
## 197	100
## 198	42
## 199	100
## 200	100
## 201	100
## 202	6
## 203	100
## 204	100
## 205	100
## 206	100
## 207	100
## 208	100
## 209	100
## 210	100
## 211	100
## 212	100
## 213	0
## 214	100
## 215	100
## 216	100
## 217	100
## 218	100
## 219	89
## 220	100
## 221	100
## 222	0
## 223	24
## 224	100
## 225	100
## 226	25
## 227	0
## 228	0
## 229	100
## 230	0
## 231	100
## 232	100
## 233	13
## 234	100
## 235	100
## 236	41
## 237	83
## 238	0
## 239	37
## 240	10
## 241	100
## 242	100
## 243	100
## 244	100
## 245	100
## 246	45
## 247	0

## 248	100
## 249	100
## 250	100
## 251	100
## 252	0
## 253	100
## 254	100
## 255	0
## 256	0
## 257	100
## 258	100
## 259	41
## 260	100
## 261	100
## 262	100
## 263	100
## 264	39
## 265	100
## 266	100
## 267	100
## 268	100
## 269	100
## 270	0
## 271	100
## 272	100
## 273	100
## 274	100
## 275	100
## 276	100
## 277	100
## 278	100
## 279	100
## 280	100
## 281	100
## 282	100
## 283	0
## 284	95
## 285	100
## 286	100
## 287	100
## 288	0
## 289	100
## 290	100
## Medium.Cloud.Cover.daily.min..mid.cld.lay.	
## 1	0
## 2	0
## 3	0
## 4	0
## 5	0
## 6	0
## 7	2
## 8	0
## 9	0
## 10	0

## 11	0
## 12	0
## 13	9
## 14	0
## 15	0
## 16	0
## 17	100
## 18	0
## 19	7
## 20	0
## 21	0
## 22	0
## 23	0
## 24	0
## 25	0
## 26	0
## 27	0
## 28	0
## 29	0
## 30	0
## 31	0
## 32	0
## 33	0
## 34	0
## 35	0
## 36	0
## 37	0
## 38	0
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## 40	0
## 41	0
## 42	0
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## 44	0
## 45	0
## 46	0
## 47	0
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## 49	0
## 50	0
## 51	0
## 52	0
## 53	26
## 54	0
## 55	0
## 56	0
## 57	0
## 58	0
## 59	0
## 60	0
## 61	0
## 62	0
## 63	0
## 64	0

## 65	0
## 66	0
## 67	0
## 68	0
## 69	0
## 70	0
## 71	0
## 72	0
## 73	0
## 74	0
## 75	0
## 76	0
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## 81	0
## 82	0
## 83	0
## 84	0
## 85	0
## 86	0
## 87	0
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## 89	0
## 90	0
## 91	0
## 92	0
## 93	0
## 94	81
## 95	0
## 96	67
## 97	0
## 98	0
## 99	0
## 100	3
## 101	0
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## 108	0
## 109	0
## 110	0
## 111	0
## 112	0
## 113	0
## 114	0
## 115	0
## 116	0
## 117	0
## 118	0

## 119	0
## 120	0
## 121	0
## 122	47
## 123	0
## 124	0
## 125	19
## 126	0
## 127	0
## 128	0
## 129	0
## 130	0
## 131	0
## 132	0
## 133	0
## 134	0
## 135	0
## 136	0
## 137	0
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## 140	0
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## 142	0
## 143	0
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## 146	0
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## 148	0
## 149	37
## 150	0
## 151	0
## 152	0
## 153	0
## 154	0
## 155	0
## 156	0
## 157	0
## 158	0
## 159	0
## 160	0
## 161	0
## 162	0
## 163	0
## 164	0
## 165	0
## 166	0
## 167	0
## 168	0
## 169	0
## 170	0
## 171	58
## 172	100

## 173	0
## 174	0
## 175	0
## 176	0
## 177	0
## 178	0
## 179	0
## 180	0
## 181	0
## 182	0
## 183	0
## 184	0
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## 188	0
## 189	0
## 190	0
## 191	0
## 192	0
## 193	0
## 194	0
## 195	0
## 196	0
## 197	0
## 198	0
## 199	0
## 200	0
## 201	0
## 202	0
## 203	0
## 204	51
## 205	0
## 206	0
## 207	0
## 208	0
## 209	0
## 210	0
## 211	0
## 212	0
## 213	0
## 214	39
## 215	0
## 216	0
## 217	0
## 218	0
## 219	0
## 220	0
## 221	0
## 222	0
## 223	0
## 224	0
## 225	0
## 226	0

## 227	0
## 228	0
## 229	0
## 230	0
## 231	0
## 232	100
## 233	0
## 234	0
## 235	0
## 236	6
## 237	0
## 238	0
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## 242	0
## 243	0
## 244	0
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## 246	0
## 247	0
## 248	0
## 249	0
## 250	0
## 251	0
## 252	0
## 253	0
## 254	0
## 255	0
## 256	0
## 257	0
## 258	0
## 259	0
## 260	0
## 261	0
## 262	0
## 263	0
## 264	0
## 265	0
## 266	0
## 267	0
## 268	0
## 269	0
## 270	0
## 271	0
## 272	0
## 273	0
## 274	0
## 275	0
## 276	0
## 277	0
## 278	0
## 279	0
## 280	0

## 281	0
## 282	0
## 283	0
## 284	0
## 285	0
## 286	0
## 287	0
## 288	0
## 289	0
## 290	0
## Low.Cloud.Cover.daily.max..low.cld.lay.	
## 1	100
## 2	48
## 3	100
## 4	100
## 5	100
## 6	100
## 7	100
## 8	100
## 9	100
## 10	0
## 11	100
## 12	100
## 13	100
## 14	100
## 15	100
## 16	100
## 17	100
## 18	100
## 19	100
## 20	100
## 21	100
## 22	100
## 23	100
## 24	100
## 25	26
## 26	100
## 27	0
## 28	100
## 29	10
## 30	100
## 31	100
## 32	100
## 33	10
## 34	100
## 35	100
## 36	100
## 37	100
## 38	0
## 39	79
## 40	100
## 41	0
## 42	100
## 43	0

## 44	100
## 45	100
## 46	0
## 47	0
## 48	100
## 49	100
## 50	100
## 51	100
## 52	100
## 53	100
## 54	100
## 55	100
## 56	35
## 57	100
## 58	100
## 59	100
## 60	100
## 61	100
## 62	100
## 63	100
## 64	100
## 65	100
## 66	100
## 67	100
## 68	100
## 69	100
## 70	32
## 71	33
## 72	100
## 73	100
## 74	100
## 75	0
## 76	0
## 77	100
## 78	100
## 79	100
## 80	9
## 81	100
## 82	100
## 83	100
## 84	100
## 85	100
## 86	100
## 87	100
## 88	100
## 89	100
## 90	100
## 91	100
## 92	100
## 93	100
## 94	100
## 95	100
## 96	100
## 97	100

## 98	100
## 99	100
## 100	100
## 101	100
## 102	100
## 103	100
## 104	100
## 105	100
## 106	100
## 107	55
## 108	100
## 109	0
## 110	100
## 111	10
## 112	100
## 113	37
## 114	100
## 115	100
## 116	10
## 117	100
## 118	100
## 119	100
## 120	53
## 121	0
## 122	100
## 123	100
## 124	100
## 125	100
## 126	100
## 127	0
## 128	100
## 129	0
## 130	100
## 131	100
## 132	100
## 133	100
## 134	100
## 135	100
## 136	100
## 137	100
## 138	100
## 139	100
## 140	0
## 141	100
## 142	100
## 143	100
## 144	100
## 145	100
## 146	100
## 147	100
## 148	0
## 149	100
## 150	100
## 151	0

## 152	100
## 153	100
## 154	100
## 155	100
## 156	100
## 157	100
## 158	100
## 159	0
## 160	100
## 161	100
## 162	0
## 163	100
## 164	100
## 165	100
## 166	70
## 167	78
## 168	100
## 169	100
## 170	100
## 171	100
## 172	100
## 173	0
## 174	100
## 175	100
## 176	100
## 177	100
## 178	100
## 179	19
## 180	100
## 181	24
## 182	0
## 183	100
## 184	100
## 185	100
## 186	100
## 187	100
## 188	100
## 189	100
## 190	100
## 191	100
## 192	0
## 193	100
## 194	100
## 195	100
## 196	100
## 197	100
## 198	100
## 199	100
## 200	100
## 201	100
## 202	100
## 203	100
## 204	100
## 205	100

## 206	100
## 207	100
## 208	100
## 209	100
## 210	100
## 211	100
## 212	100
## 213	100
## 214	100
## 215	100
## 216	100
## 217	100
## 218	100
## 219	100
## 220	41
## 221	100
## 222	0
## 223	0
## 224	100
## 225	100
## 226	100
## 227	100
## 228	36
## 229	7
## 230	100
## 231	100
## 232	100
## 233	0
## 234	100
## 235	100
## 236	100
## 237	0
## 238	100
## 239	54
## 240	100
## 241	100
## 242	100
## 243	100
## 244	100
## 245	100
## 246	0
## 247	100
## 248	100
## 249	0
## 250	100
## 251	100
## 252	100
## 253	100
## 254	100
## 255	100
## 256	41
## 257	100
## 258	100
## 259	100

## 260	100
## 261	100
## 262	100
## 263	75
## 264	100
## 265	100
## 266	100
## 267	100
## 268	100
## 269	100
## 270	0
## 271	7
## 272	100
## 273	0
## 274	100
## 275	100
## 276	100
## 277	100
## 278	100
## 279	100
## 280	100
## 281	100
## 282	100
## 283	100
## 284	100
## 285	100
## 286	100
## 287	100
## 288	100
## 289	100
## 290	100
## Low.Cloud.Cover.daily.min..low.cld.lay.	
## 1	0
## 2	0
## 3	0
## 4	0
## 5	0
## 6	0
## 7	0
## 8	0
## 9	0
## 10	0
## 11	0
## 12	0
## 13	0
## 14	34
## 15	2
## 16	0
## 17	0
## 18	0
## 19	9
## 20	23
## 21	0
## 22	0

## 23	20
## 24	0
## 25	0
## 26	0
## 27	0
## 28	0
## 29	0
## 30	0
## 31	0
## 32	0
## 33	0
## 34	0
## 35	0
## 36	0
## 37	0
## 38	0
## 39	0
## 40	0
## 41	0
## 42	0
## 43	0
## 44	0
## 45	0
## 46	0
## 47	0
## 48	100
## 49	0
## 50	0
## 51	0
## 52	0
## 53	4
## 54	1
## 55	0
## 56	0
## 57	0
## 58	0
## 59	0
## 60	0
## 61	0
## 62	0
## 63	0
## 64	71
## 65	0
## 66	0
## 67	0
## 68	0
## 69	0
## 70	0
## 71	0
## 72	0
## 73	65
## 74	0
## 75	0
## 76	0

## 77	0
## 78	0
## 79	8
## 80	0
## 81	53
## 82	0
## 83	0
## 84	0
## 85	85
## 86	0
## 87	0
## 88	2
## 89	0
## 90	0
## 91	0
## 92	0
## 93	0
## 94	0
## 95	0
## 96	2
## 97	0
## 98	100
## 99	0
## 100	3
## 101	0
## 102	0
## 103	0
## 104	0
## 105	0
## 106	0
## 107	0
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## 109	0
## 110	0
## 111	0
## 112	0
## 113	0
## 114	0
## 115	0
## 116	0
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## 118	0
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## 120	0
## 121	0
## 122	0
## 123	0
## 124	0
## 125	0
## 126	0
## 127	0
## 128	0
## 129	0
## 130	0

## 131	0
## 132	0
## 133	0
## 134	0
## 135	0
## 136	5
## 137	10
## 138	0
## 139	0
## 140	0
## 141	0
## 142	0
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## 154	0
## 155	100
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## 167	0
## 168	4
## 169	0
## 170	0
## 171	0
## 172	60
## 173	0
## 174	0
## 175	0
## 176	0
## 177	0
## 178	0
## 179	0
## 180	0
## 181	0
## 182	0
## 183	0
## 184	0

## 185	0
## 186	0
## 187	0
## 188	0
## 189	0
## 190	0
## 191	0
## 192	0
## 193	0
## 194	0
## 195	0
## 196	0
## 197	0
## 198	0
## 199	0
## 200	0
## 201	0
## 202	0
## 203	70
## 204	75
## 205	0
## 206	0
## 207	0
## 208	10
## 209	0
## 210	0
## 211	0
## 212	0
## 213	0
## 214	0
## 215	0
## 216	0
## 217	0
## 218	0
## 219	0
## 220	0
## 221	0
## 222	0
## 223	0
## 224	0
## 225	0
## 226	0
## 227	0
## 228	0
## 229	0
## 230	0
## 231	0
## 232	0
## 233	0
## 234	0
## 235	0
## 236	0
## 237	0
## 238	0

## 239	0
## 240	0
## 241	0
## 242	100
## 243	0
## 244	6
## 245	0
## 246	0
## 247	0
## 248	100
## 249	0
## 250	0
## 251	0
## 252	0
## 253	0
## 254	0
## 255	0
## 256	0
## 257	0
## 258	0
## 259	0
## 260	0
## 261	0
## 262	0
## 263	0
## 264	0
## 265	0
## 266	0
## 267	0
## 268	0
## 269	0
## 270	0
## 271	0
## 272	0
## 273	0
## 274	0
## 275	52
## 276	100
## 277	0
## 278	0
## 279	1
## 280	0
## 281	0
## 282	0
## 283	0
## 284	0
## 285	0
## 286	1
## 287	0
## 288	0
## 289	0
## 290	0
## Wind.Speed.daily.max..10.m.above.gnd.	Wind.Speed.daily.min..10.m.above.gnd.
## 1	15.41 3.26

## 2	21.49	1.80
## 3	23.18	7.75
## 4	19.13	1.44
## 5	13.40	3.32
## 6	9.35	0.72
## 7	26.63	4.69
## 8	21.08	3.62
## 9	22.81	1.94
## 10	16.70	1.84
## 11	23.91	7.10
## 12	42.83	2.52
## 13	12.59	1.14
## 14	19.73	3.96
## 15	38.77	4.80
## 16	15.75	4.61
## 17	28.04	5.09
## 18	39.12	21.52
## 19	61.27	8.44
## 20	73.39	7.21
## 21	12.66	1.44
## 22	9.39	0.51
## 23	35.58	0.00
## 24	10.90	1.53
## 25	10.46	1.80
## 26	13.48	2.10
## 27	11.38	3.55
## 28	12.85	1.08
## 29	21.60	2.55
## 30	13.85	1.08
## 31	20.15	1.44
## 32	21.25	3.32
## 33	7.15	1.80
## 34	9.11	0.51
## 35	14.37	0.72
## 36	32.49	5.35
## 37	24.70	3.05
## 38	8.71	1.61
## 39	15.98	1.30
## 40	7.70	0.00
## 41	8.22	0.72
## 42	22.06	1.30
## 43	11.28	5.50
## 44	11.84	0.00
## 45	19.49	4.61
## 46	11.44	2.74
## 47	5.94	2.97
## 48	17.41	2.90
## 49	74.34	18.08
## 50	47.07	15.38
## 51	21.83	9.98
## 52	35.25	7.86
## 53	40.53	2.90
## 54	14.04	3.71
## 55	19.39	1.48

## 56	21.41	2.52
## 57	32.11	1.80
## 58	23.87	1.30
## 59	19.14	0.00
## 60	18.49	1.14
## 61	7.57	1.44
## 62	7.70	1.08
## 63	25.62	1.80
## 64	32.27	9.42
## 65	20.89	2.88
## 66	12.90	0.36
## 67	29.74	2.28
## 68	10.83	1.80
## 69	21.39	6.73
## 70	14.01	1.80
## 71	15.12	1.30
## 72	21.71	4.02
## 73	25.10	4.02
## 74	13.32	1.30
## 75	8.31	0.51
## 76	13.14	0.36
## 77	4.35	0.80
## 78	18.08	0.36
## 79	21.86	3.83
## 80	14.35	3.08
## 81	56.30	30.63
## 82	32.06	16.12
## 83	34.57	11.92
## 84	26.83	9.73
## 85	29.17	7.49
## 86	31.75	0.36
## 87	34.17	1.80
## 88	54.76	24.09
## 89	24.52	6.79
## 90	11.97	0.72
## 91	19.20	4.74
## 92	23.47	2.19
## 93	24.88	10.09
## 94	18.21	0.36
## 95	25.42	5.77
## 96	23.93	2.97
## 97	11.12	1.61
## 98	13.20	3.42
## 99	24.48	2.28
## 100	17.82	0.72
## 101	19.97	0.00
## 102	18.06	1.84
## 103	13.36	2.10
## 104	20.28	5.12
## 105	17.64	6.62
## 106	18.23	0.36
## 107	7.09	1.08
## 108	13.68	1.08
## 109	13.36	0.51

## 110	22.66	2.62
## 111	16.33	1.14
## 112	21.92	6.64
## 113	14.46	0.36
## 114	9.26	3.98
## 115	4.68	0.00
## 116	21.58	8.21
## 117	31.07	2.16
## 118	23.41	5.86
## 119	24.87	3.40
## 120	8.22	0.72
## 121	8.21	1.48
## 122	14.78	4.02
## 123	35.55	7.73
## 124	17.21	6.12
## 125	15.03	0.36
## 126	33.52	9.35
## 127	21.40	1.94
## 128	17.92	5.01
## 129	15.99	4.80
## 130	11.68	1.61
## 131	29.17	6.37
## 132	23.42	5.90
## 133	19.96	7.39
## 134	24.19	0.00
## 135	6.95	1.02
## 136	18.78	0.36
## 137	9.89	5.24
## 138	13.63	0.00
## 139	23.38	3.88
## 140	11.89	0.51
## 141	16.09	2.81
## 142	14.44	1.08
## 143	15.48	0.72
## 144	8.31	2.10
## 145	9.83	0.80
## 146	17.42	2.19
## 147	8.65	0.36
## 148	10.63	0.51
## 149	10.19	1.80
## 150	19.80	2.62
## 151	8.71	0.72
## 152	42.44	0.51
## 153	14.93	1.14
## 154	9.83	1.80
## 155	14.80	5.40
## 156	15.82	4.33
## 157	16.26	2.62
## 158	12.66	2.90
## 159	9.75	5.69
## 160	11.37	1.44
## 161	35.03	13.20
## 162	9.00	4.10
## 163	8.35	0.36

## 164	10.31	2.55
## 165	13.28	1.02
## 166	12.41	0.51
## 167	12.77	2.31
## 168	39.76	18.00
## 169	12.10	1.08
## 170	21.32	0.72
## 171	15.68	1.53
## 172	27.56	2.19
## 173	13.18	0.72
## 174	16.92	0.36
## 175	9.69	2.10
## 176	24.97	2.31
## 177	23.98	0.51
## 178	18.78	3.42
## 179	21.09	3.08
## 180	29.56	6.19
## 181	15.91	2.10
## 182	18.37	2.16
## 183	16.26	2.28
## 184	16.34	0.00
## 185	27.21	1.02
## 186	23.71	6.13
## 187	16.65	0.36
## 188	11.44	0.51
## 189	11.30	0.72
## 190	20.21	8.21
## 191	7.39	1.80
## 192	9.06	0.00
## 193	31.21	13.78
## 194	38.48	8.89
## 195	12.52	5.35
## 196	16.17	3.88
## 197	6.85	2.55
## 198	10.95	5.00
## 199	22.48	6.38
## 200	31.35	12.40
## 201	35.45	14.83
## 202	14.49	5.86
## 203	22.33	3.32
## 204	30.24	18.42
## 205	38.54	9.03
## 206	42.96	3.55
## 207	20.42	3.89
## 208	38.77	11.77
## 209	14.04	1.80
## 210	15.04	1.44
## 211	21.89	2.97
## 212	16.10	5.40
## 213	6.92	0.51
## 214	20.96	5.86
## 215	15.12	0.72
## 216	16.62	5.35
## 217	14.44	2.41

## 218	11.53	2.74
## 219	10.83	0.36
## 220	8.40	0.00
## 221	7.65	1.80
## 222	19.16	7.90
## 223	5.40	0.72
## 224	19.97	0.80
## 225	19.88	1.80
## 226	21.24	5.35
## 227	13.28	6.30
## 228	16.70	1.48
## 229	17.42	7.39
## 230	9.18	1.94
## 231	29.12	10.64
## 232	15.63	7.10
## 233	8.43	0.80
## 234	12.31	2.90
## 235	10.74	3.98
## 236	6.61	1.14
## 237	7.57	0.51
## 238	7.42	0.36
## 239	20.99	2.62
## 240	23.51	1.30
## 241	12.88	3.22
## 242	28.98	10.83
## 243	40.99	8.40
## 244	25.57	16.62
## 245	22.31	1.80
## 246	20.32	0.36
## 247	19.20	1.48
## 248	19.59	2.90
## 249	19.59	4.51
## 250	9.06	1.08
## 251	12.24	1.80
## 252	21.96	0.72
## 253	8.23	0.36
## 254	13.14	1.14
## 255	20.21	2.19
## 256	16.17	0.80
## 257	26.18	0.80
## 258	27.53	3.05
## 259	14.04	4.39
## 260	20.16	5.09
## 261	24.86	3.40
## 262	13.48	1.48
## 263	25.99	2.41
## 264	12.29	0.36
## 265	14.78	3.05
## 266	31.17	4.20
## 267	13.53	4.21
## 268	8.44	0.36
## 269	16.94	2.31
## 270	12.73	3.40
## 271	16.18	4.38

## 272	24.50	3.10
## 273	8.23	1.80
## 274	24.91	15.16
## 275	33.99	13.63
## 276	34.43	12.03
## 277	52.92	4.69
## 278	40.38	4.33
## 279	51.12	33.84
## 280	13.85	0.00
## 281	23.81	9.69
## 282	11.48	3.55
## 283	20.38	3.96
## 284	29.89	10.85
## 285	30.82	3.56
## 286	13.66	2.90
## 287	14.51	6.49
## 288	6.62	0.00
## 289	13.55	4.20
## 290	9.98	1.30
##	Wind.Speed.daily.max..80.m.above.gnd.	Wind.Speed.daily.min..80.m.above.gnd.
## 1	18.58	8.15
## 2	31.49	1.14
## 3	26.29	9.09
## 4	25.35	1.14
## 5	14.15	2.52
## 6	13.40	0.00
## 7	35.69	5.12
## 8	27.73	3.42
## 9	31.40	11.61
## 10	28.19	0.51
## 11	31.66	10.14
## 12	57.96	2.97
## 13	15.88	0.36
## 14	23.40	5.99
## 15	48.03	5.60
## 16	18.00	7.99
## 17	36.97	0.36
## 18	43.49	32.49
## 19	72.08	7.90
## 20	88.19	10.18
## 21	15.63	1.44
## 22	12.54	0.36
## 23	38.42	0.36
## 24	24.48	0.51
## 25	15.68	2.04
## 26	28.89	2.62
## 27	14.78	0.00
## 28	14.66	1.14
## 29	28.16	1.14
## 30	14.62	1.80
## 31	24.27	1.44
## 32	24.12	2.10
## 33	8.21	1.30
## 34	19.01	0.00

## 35	19.13	0.72
## 36	39.19	6.12
## 37	29.38	1.80
## 38	13.53	1.02
## 39	24.68	0.36
## 40	13.72	0.51
## 41	13.20	0.00
## 42	26.73	1.44
## 43	24.96	8.65
## 44	26.26	0.36
## 45	30.87	4.55
## 46	26.37	1.53
## 47	18.44	2.41
## 48	24.65	3.60
## 49	94.46	26.42
## 50	56.97	23.40
## 51	30.57	15.54
## 52	47.13	7.09
## 53	51.46	5.00
## 54	20.12	5.80
## 55	22.93	2.41
## 56	28.24	0.00
## 57	35.07	3.42
## 58	24.20	0.80
## 59	27.61	1.48
## 60	22.86	0.72
## 61	11.72	3.32
## 62	10.50	0.36
## 63	29.83	2.90
## 64	41.07	19.01
## 65	23.76	1.48
## 66	16.29	0.51
## 67	36.97	2.55
## 68	13.85	0.36
## 69	27.68	9.03
## 70	16.98	1.08
## 71	23.68	0.00
## 72	24.19	9.39
## 73	31.14	6.49
## 74	24.74	1.80
## 75	12.64	0.36
## 76	13.36	1.48
## 77	7.90	0.80
## 78	25.76	1.14
## 79	31.22	5.35
## 80	27.38	6.13
## 81	66.52	38.14
## 82	40.35	16.09
## 83	47.24	17.97
## 84	32.92	20.61
## 85	31.68	7.73
## 86	35.33	1.02
## 87	42.72	1.94
## 88	63.14	33.82

## 89	31.30	5.90
## 90	20.52	0.36
## 91	25.62	7.65
## 92	32.96	3.10
## 93	28.47	7.24
## 94	25.52	1.48
## 95	31.79	3.55
## 96	32.14	4.68
## 97	17.91	0.51
## 98	18.58	2.97
## 99	28.85	2.31
## 100	25.21	0.72
## 101	21.67	1.80
## 102	25.67	3.22
## 103	21.05	1.14
## 104	25.23	6.49
## 105	24.48	10.00
## 106	24.80	0.80
## 107	8.22	1.30
## 108	22.69	1.14
## 109	19.17	1.08
## 110	27.21	2.16
## 111	17.21	1.84
## 112	24.83	11.59
## 113	17.42	0.00
## 114	7.95	3.67
## 115	8.37	1.61
## 116	30.68	19.73
## 117	40.02	1.14
## 118	35.04	4.21
## 119	30.06	3.08
## 120	17.58	0.51
## 121	13.90	1.80
## 122	32.86	6.79
## 123	50.34	14.58
## 124	25.96	7.59
## 125	22.41	0.72
## 126	41.74	14.69
## 127	24.12	1.44
## 128	27.15	5.80
## 129	20.52	1.30
## 130	17.43	1.02
## 131	35.27	5.40
## 132	30.24	8.47
## 133	26.63	10.81
## 134	27.44	1.80
## 135	8.79	0.36
## 136	32.85	0.00
## 137	11.62	5.41
## 138	14.34	1.08
## 139	27.40	0.00
## 140	15.28	1.80
## 141	20.11	0.80
## 142	16.20	0.36

## 143	18.03	0.72
## 144	12.50	2.81
## 145	13.68	0.72
## 146	20.21	1.61
## 147	13.10	0.36
## 148	22.80	0.36
## 149	17.10	0.36
## 150	23.36	3.32
## 151	11.71	1.08
## 152	54.69	0.80
## 153	16.28	1.44
## 154	15.72	1.14
## 155	18.81	6.13
## 156	21.96	5.86
## 157	23.08	2.52
## 158	20.97	2.55
## 159	21.41	6.15
## 160	20.88	1.80
## 161	41.74	14.33
## 162	24.16	5.32
## 163	9.00	0.72
## 164	15.94	2.88
## 165	15.81	3.24
## 166	21.24	0.36
## 167	31.40	2.19
## 168	51.05	28.08
## 169	13.38	1.02
## 170	25.10	0.36
## 171	23.51	2.16
## 172	37.34	2.28
## 173	28.46	0.51
## 174	21.31	2.81
## 175	10.31	1.80
## 176	30.41	1.80
## 177	27.60	4.68
## 178	27.60	6.12
## 179	22.38	0.00
## 180	33.53	10.50
## 181	17.58	1.44
## 182	28.39	2.97
## 183	18.18	1.30
## 184	25.70	0.36
## 185	32.11	2.81
## 186	36.67	7.24
## 187	18.68	3.32
## 188	20.33	1.61
## 189	19.09	1.14
## 190	25.41	11.27
## 191	13.24	2.62
## 192	11.97	1.53
## 193	40.73	23.71
## 194	50.55	17.31
## 195	23.68	5.99
## 196	22.41	5.40

## 197	15.51	3.32
## 198	21.18	3.32
## 199	32.48	11.21
## 200	33.43	16.42
## 201	46.40	23.22
## 202	17.58	4.20
## 203	23.77	5.86
## 204	39.44	22.33
## 205	51.86	14.48
## 206	48.83	3.60
## 207	28.31	4.68
## 208	46.53	16.56
## 209	14.51	1.94
## 210	24.36	1.48
## 211	26.93	3.96
## 212	16.81	9.61
## 213	7.10	0.36
## 214	25.07	11.04
## 215	20.21	0.51
## 216	21.96	4.84
## 217	15.91	1.48
## 218	11.89	0.36
## 219	19.56	0.00
## 220	14.34	0.36
## 221	9.66	1.30
## 222	25.84	10.97
## 223	5.82	0.36
## 224	28.22	0.00
## 225	21.35	2.55
## 226	23.04	8.56
## 227	19.86	4.83
## 228	20.42	3.98
## 229	26.47	7.73
## 230	16.24	1.30
## 231	34.95	18.25
## 232	30.15	6.83
## 233	15.12	0.72
## 234	19.81	1.80
## 235	23.84	1.48
## 236	21.43	1.14
## 237	13.22	0.36
## 238	17.31	1.44
## 239	20.63	2.55
## 240	27.06	1.14
## 241	20.52	6.52
## 242	34.07	18.53
## 243	52.60	13.51
## 244	33.79	21.32
## 245	27.23	0.36
## 246	22.73	0.80
## 247	21.53	0.51
## 248	26.28	3.83
## 249	21.75	4.10
## 250	11.44	2.41

## 251	15.84	1.94
## 252	26.81	1.84
## 253	9.09	0.51
## 254	20.52	1.14
## 255	22.37	1.61
## 256	25.64	1.14
## 257	28.46	2.97
## 258	37.20	2.88
## 259	22.03	3.98
## 260	22.73	11.17
## 261	28.12	6.64
## 262	21.73	1.80
## 263	30.97	3.71
## 264	23.85	0.51
## 265	15.58	2.55
## 266	36.85	11.59
## 267	24.07	0.72
## 268	14.02	0.00
## 269	21.60	6.95
## 270	19.51	1.44
## 271	31.95	5.19
## 272	32.81	8.65
## 273	11.72	1.30
## 274	29.24	20.52
## 275	39.27	19.16
## 276	36.58	13.68
## 277	58.35	11.61
## 278	50.61	2.81
## 279	62.41	43.21
## 280	19.39	0.36
## 281	26.00	12.82
## 282	23.17	3.22
## 283	28.80	2.55
## 284	38.05	15.23
## 285	37.20	4.32
## 286	15.91	2.31
## 287	20.75	6.85
## 288	10.80	1.44
## 289	22.67	5.51
## 290	15.48	0.72
##	Wind.Speed.daily.max..900.mb.	Wind.Speed.daily.min..900.mb.
## 1	33.24	7.65
## 2	46.64	1.44
## 3	40.01	13.90
## 4	45.13	12.22
## 5	16.22	4.33
## 6	25.28	8.47
## 7	74.89	33.04
## 8	56.99	15.51
## 9	34.84	15.75
## 10	67.54	3.83
## 11	70.02	13.68
## 12	119.47	19.80
## 13	25.52	0.00

## 14	56.04	23.34
## 15	58.24	14.93
## 16	12.77	2.90
## 17	90.02	16.81
## 18	54.00	35.34
## 19	104.67	10.25
## 20	119.24	27.38
## 21	15.75	4.10
## 22	22.38	4.02
## 23	39.99	4.90
## 24	36.10	3.22
## 25	31.71	9.42
## 26	36.08	4.45
## 27	16.42	0.51
## 28	22.71	4.68
## 29	28.01	5.04
## 30	16.68	1.02
## 31	62.96	5.80
## 32	41.48	6.37
## 33	14.04	4.80
## 34	26.81	2.41
## 35	19.60	1.84
## 36	57.81	22.82
## 37	45.40	7.70
## 38	40.19	5.80
## 39	40.58	1.30
## 40	32.28	2.90
## 41	29.60	1.44
## 42	57.17	0.36
## 43	17.83	2.90
## 44	27.77	4.84
## 45	28.31	2.81
## 46	27.42	2.74
## 47	22.07	5.69
## 48	51.80	14.69
## 49	148.95	69.89
## 50	96.92	35.39
## 51	63.76	46.80
## 52	100.17	24.97
## 53	97.23	48.67
## 54	15.14	2.74
## 55	35.07	15.65
## 56	55.34	24.14
## 57	49.72	20.01
## 58	37.83	9.83
## 59	71.01	1.44
## 60	22.86	10.81
## 61	15.14	5.99
## 62	22.81	1.08
## 63	56.40	4.55
## 64	65.02	29.69
## 65	38.65	4.20
## 66	17.41	1.08
## 67	62.97	18.67

## 68	14.04	3.42
## 69	35.71	2.60
## 70	36.72	10.04
## 71	11.38	3.89
## 72	37.35	14.26
## 73	52.65	12.07
## 74	32.41	5.59
## 75	18.00	1.61
## 76	43.94	11.01
## 77	46.34	5.15
## 78	56.95	8.16
## 79	58.50	17.87
## 80	29.66	2.55
## 81	91.58	53.23
## 82	91.91	18.92
## 83	94.98	40.95
## 84	77.90	45.66
## 85	38.51	10.83
## 86	54.22	3.32
## 87	83.46	42.66
## 88	87.17	63.26
## 89	39.17	8.65
## 90	22.96	2.90
## 91	39.61	4.90
## 92	53.07	5.69
## 93	41.93	11.92
## 94	49.89	2.19
## 95	55.01	29.84
## 96	79.05	15.04
## 97	28.77	2.16
## 98	46.82	1.53
## 99	39.86	6.30
## 100	34.29	4.21
## 101	37.67	2.62
## 102	48.88	1.14
## 103	45.57	8.43
## 104	53.95	4.80
## 105	34.45	8.85
## 106	45.73	20.52
## 107	28.77	2.41
## 108	20.93	9.36
## 109	17.23	1.08
## 110	33.91	10.50
## 111	24.22	10.59
## 112	63.54	19.16
## 113	10.82	4.69
## 114	11.84	4.69
## 115	26.65	1.94
## 116	33.81	8.21
## 117	80.96	13.21
## 118	71.03	17.28
## 119	55.51	9.79
## 120	37.02	9.11
## 121	27.94	3.08

## 122	88.22	13.44
## 123	73.37	26.64
## 124	48.78	17.41
## 125	30.22	0.80
## 126	74.56	47.82
## 127	65.11	15.39
## 128	57.96	4.10
## 129	19.17	1.80
## 130	44.21	3.89
## 131	49.18	16.60
## 132	53.70	17.77
## 133	39.48	17.32
## 134	55.10	22.26
## 135	19.13	3.88
## 136	56.58	0.72
## 137	36.72	10.44
## 138	14.26	7.70
## 139	49.14	25.01
## 140	22.35	3.76
## 141	39.72	3.96
## 142	20.52	6.49
## 143	24.84	5.09
## 144	23.50	5.48
## 145	21.63	4.83
## 146	45.72	23.51
## 147	12.64	0.00
## 148	28.55	12.30
## 149	22.39	3.98
## 150	71.34	19.27
## 151	44.34	8.59
## 152	90.41	22.74
## 153	44.28	19.60
## 154	29.80	5.86
## 155	32.41	5.12
## 156	47.06	3.22
## 157	60.47	3.40
## 158	65.69	15.46
## 159	13.05	1.30
## 160	36.22	23.83
## 161	65.00	19.97
## 162	15.84	5.32
## 163	31.53	15.03
## 164	18.50	6.12
## 165	17.85	2.28
## 166	31.85	2.55
## 167	39.97	2.19
## 168	83.43	48.47
## 169	14.69	0.36
## 170	60.83	13.49
## 171	30.65	2.31
## 172	86.29	5.09
## 173	29.66	9.22
## 174	42.99	13.32
## 175	46.18	5.77

## 176	47.28	8.89
## 177	49.26	31.81
## 178	33.82	1.44
## 179	27.74	13.36
## 180	58.69	27.01
## 181	17.58	2.90
## 182	71.80	9.26
## 183	19.93	0.00
## 184	15.55	6.30
## 185	53.30	6.29
## 186	58.34	15.84
## 187	45.64	14.15
## 188	39.61	1.08
## 189	44.57	13.04
## 190	29.27	5.00
## 191	17.37	3.32
## 192	25.56	13.32
## 193	89.05	59.02
## 194	94.45	18.90
## 195	37.46	2.31
## 196	59.31	34.61
## 197	41.76	7.42
## 198	46.89	9.69
## 199	60.95	8.91
## 200	39.91	6.64
## 201	89.31	51.57
## 202	59.15	5.09
## 203	29.96	2.19
## 204	40.73	11.18
## 205	99.70	12.98
## 206	48.39	12.50
## 207	64.12	4.21
## 208	67.78	16.36
## 209	20.57	1.80
## 210	32.65	7.20
## 211	55.02	6.99
## 212	23.62	10.59
## 213	24.99	6.12
## 214	46.81	18.37
## 215	27.81	4.02
## 216	28.77	4.02
## 217	23.59	6.62
## 218	25.76	4.20
## 219	24.87	1.84
## 220	6.92	0.00
## 221	28.46	1.61
## 222	30.27	15.99
## 223	10.81	1.44
## 224	47.61	15.60
## 225	63.57	7.20
## 226	45.09	20.50
## 227	16.66	3.08
## 228	42.85	15.46
## 229	21.17	3.71

## 230	20.06	0.36
## 231	79.04	46.85
## 232	61.85	9.83
## 233	19.16	15.88
## 234	46.46	11.25
## 235	20.52	3.55
## 236	11.11	3.26
## 237	13.10	0.36
## 238	31.73	7.79
## 239	25.36	9.00
## 240	37.42	1.48
## 241	40.81	4.80
## 242	58.71	45.72
## 243	95.70	32.06
## 244	65.66	26.56
## 245	36.00	14.01
## 246	41.83	0.72
## 247	29.02	5.69
## 248	26.42	7.42
## 249	29.43	2.90
## 250	21.39	6.49
## 251	50.33	5.19
## 252	53.72	25.56
## 253	13.71	1.80
## 254	12.26	0.72
## 255	29.89	11.27
## 256	36.91	6.11
## 257	54.84	20.28
## 258	66.41	8.22
## 259	24.86	1.08
## 260	47.66	20.43
## 261	37.48	22.68
## 262	16.17	1.80
## 263	43.13	4.80
## 264	16.42	1.53
## 265	27.42	8.56
## 266	52.68	29.46
## 267	47.87	8.35
## 268	16.75	1.61
## 269	48.96	13.24
## 270	33.47	5.15
## 271	23.14	6.85
## 272	65.86	4.90
## 273	31.87	4.02
## 274	46.80	24.44
## 275	48.65	26.42
## 276	33.93	20.63
## 277	72.37	4.33
## 278	93.67	8.71
## 279	104.45	81.12
## 280	23.62	4.10
## 281	49.56	17.50
## 282	25.36	1.61
## 283	27.06	12.10

## 284	54.00	25.87
## 285	65.54	39.05
## 286	21.05	0.00
## 287	27.36	3.67
## 288	12.32	1.80
## 289	15.32	0.80
## 290	18.53	6.03
##	Wind.Gust.daily.max..sfc. Wind.Gust.daily.min..sfc. pluie.demain	
## 1	16.92	4.32 FALSE
## 2	47.16	2.88 TRUE
## 3	31.32	11.16 FALSE
## 4	33.48	2.16 TRUE
## 5	15.48	2.88 TRUE
## 6	12.60	0.72 FALSE
## 7	55.08	5.76 TRUE
## 8	48.24	5.76 TRUE
## 9	38.52	2.88 TRUE
## 10	48.24	4.68 TRUE
## 11	52.20	8.28 TRUE
## 12	96.12	2.52 TRUE
## 13	16.56	1.08 TRUE
## 14	43.20	5.04 TRUE
## 15	52.56	5.76 TRUE
## 16	17.64	1.08 FALSE
## 17	64.80	1.08 TRUE
## 18	50.40	38.88 FALSE
## 19	82.80	10.80 TRUE
## 20	108.00	6.12 TRUE
## 21	13.68	1.80 FALSE
## 22	6.84	0.72 FALSE
## 23	41.76	2.16 FALSE
## 24	14.40	2.52 FALSE
## 25	24.48	8.28 FALSE
## 26	31.32	1.80 TRUE
## 27	11.88	3.96 FALSE
## 28	15.48	1.80 TRUE
## 29	34.56	3.60 FALSE
## 30	16.20	1.44 FALSE
## 31	30.60	0.72 TRUE
## 32	30.60	2.16 TRUE
## 33	8.64	1.80 TRUE
## 34	12.60	0.72 FALSE
## 35	17.64	3.24 FALSE
## 36	51.48	7.92 TRUE
## 37	36.00	0.36 TRUE
## 38	14.40	1.80 TRUE
## 39	30.96	1.80 TRUE
## 40	7.92	0.36 TRUE
## 41	12.60	0.72 FALSE
## 42	45.00	2.16 FALSE
## 43	16.56	2.16 FALSE
## 44	8.28	0.72 FALSE
## 45	28.80	2.88 FALSE
## 46	8.28	3.96 FALSE

## 47	5.76	0.36	FALSE
## 48	30.96	2.16	TRUE
## 49	133.20	54.72	TRUE
## 50	81.72	35.64	TRUE
## 51	49.32	12.60	TRUE
## 52	77.76	7.92	TRUE
## 53	73.44	1.44	TRUE
## 54	21.96	4.32	FALSE
## 55	26.64	8.28	FALSE
## 56	39.60	1.08	FALSE
## 57	38.16	2.16	FALSE
## 58	27.72	2.16	FALSE
## 59	49.32	0.72	TRUE
## 60	23.76	1.08	FALSE
## 61	6.84	0.00	FALSE
## 62	10.80	1.44	FALSE
## 63	47.88	1.80	TRUE
## 64	56.88	18.72	TRUE
## 65	28.44	3.24	TRUE
## 66	16.92	0.72	TRUE
## 67	54.00	1.44	TRUE
## 68	11.16	2.88	FALSE
## 69	31.32	9.72	TRUE
## 70	15.48	1.44	FALSE
## 71	25.56	1.08	FALSE
## 72	33.48	6.12	TRUE
## 73	42.84	4.32	FALSE
## 74	24.48	4.32	FALSE
## 75	9.36	1.08	FALSE
## 76	16.92	0.36	TRUE
## 77	6.48	3.24	FALSE
## 78	39.24	1.80	TRUE
## 79	40.68	3.24	TRUE
## 80	13.32	3.24	TRUE
## 81	84.96	47.16	TRUE
## 82	72.36	11.52	TRUE
## 83	72.00	35.28	TRUE
## 84	54.00	12.96	FALSE
## 85	34.56	9.36	FALSE
## 86	47.52	1.44	TRUE
## 87	62.28	1.80	TRUE
## 88	81.72	54.72	TRUE
## 89	38.16	9.72	FALSE
## 90	26.64	0.36	FALSE
## 91	31.32	7.20	FALSE
## 92	33.48	1.44	TRUE
## 93	29.52	9.72	TRUE
## 94	40.68	1.08	TRUE
## 95	41.76	3.60	TRUE
## 96	49.32	1.44	TRUE
## 97	13.68	1.44	FALSE
## 98	27.00	4.68	FALSE
## 99	34.56	2.52	TRUE
## 100	32.40	1.44	TRUE

## 101	20.52	1.44	TRUE
## 102	39.24	1.08	TRUE
## 103	34.56	1.44	FALSE
## 104	39.60	7.92	TRUE
## 105	33.84	11.52	FALSE
## 106	34.20	1.08	FALSE
## 107	11.88	0.72	FALSE
## 108	23.04	1.80	TRUE
## 109	19.80	0.72	FALSE
## 110	39.96	3.60	TRUE
## 111	18.00	1.08	FALSE
## 112	46.08	18.36	TRUE
## 113	20.16	0.72	FALSE
## 114	9.72	6.48	FALSE
## 115	18.72	3.24	TRUE
## 116	24.84	7.20	TRUE
## 117	64.80	4.32	TRUE
## 118	51.48	5.76	TRUE
## 119	41.04	2.88	FALSE
## 120	8.64	1.44	FALSE
## 121	9.00	0.36	FALSE
## 122	19.08	5.04	TRUE
## 123	70.20	9.72	FALSE
## 124	27.72	12.96	TRUE
## 125	17.64	0.72	TRUE
## 126	47.16	19.80	TRUE
## 127	29.88	1.44	FALSE
## 128	32.04	5.04	FALSE
## 129	23.40	3.60	TRUE
## 130	23.04	2.88	TRUE
## 131	36.36	11.52	TRUE
## 132	30.60	14.04	TRUE
## 133	25.92	12.60	FALSE
## 134	42.84	12.60	FALSE
## 135	19.08	5.40	FALSE
## 136	30.24	2.88	TRUE
## 137	15.84	5.76	FALSE
## 138	15.84	5.76	FALSE
## 139	30.96	16.56	TRUE
## 140	18.36	0.36	FALSE
## 141	30.96	2.16	TRUE
## 142	20.16	3.60	FALSE
## 143	26.64	2.16	FALSE
## 144	16.20	1.44	FALSE
## 145	14.04	1.08	TRUE
## 146	23.04	7.56	FALSE
## 147	12.24	2.52	TRUE
## 148	21.96	4.32	FALSE
## 149	17.28	1.44	TRUE
## 150	37.08	3.24	TRUE
## 151	17.64	2.16	FALSE
## 152	57.96	7.56	TRUE
## 153	18.00	6.84	FALSE
## 154	18.36	1.80	TRUE

## 155	22.32	7.92	FALSE
## 156	23.76	7.20	FALSE
## 157	28.08	4.68	FALSE
## 158	28.80	5.76	TRUE
## 159	10.44	3.24	FALSE
## 160	27.36	7.20	FALSE
## 161	50.40	20.16	TRUE
## 162	9.00	2.16	FALSE
## 163	18.36	2.16	FALSE
## 164	12.24	4.32	TRUE
## 165	11.52	2.52	FALSE
## 166	22.32	1.08	FALSE
## 167	19.80	1.08	FALSE
## 168	54.00	30.96	FALSE
## 169	15.12	2.52	TRUE
## 170	27.72	6.48	FALSE
## 171	19.08	3.60	TRUE
## 172	40.32	5.76	TRUE
## 173	21.60	1.08	TRUE
## 174	31.68	12.24	TRUE
## 175	14.40	3.24	FALSE
## 176	31.32	7.92	TRUE
## 177	33.48	17.64	TRUE
## 178	24.12	6.84	FALSE
## 179	24.84	6.12	FALSE
## 180	38.16	14.40	TRUE
## 181	25.20	2.88	FALSE
## 182	35.28	3.96	FALSE
## 183	18.00	2.52	TRUE
## 184	24.84	4.68	FALSE
## 185	44.64	6.12	TRUE
## 186	46.44	0.72	TRUE
## 187	16.20	3.24	FALSE
## 188	22.32	6.12	TRUE
## 189	19.80	4.32	FALSE
## 190	23.04	12.24	FALSE
## 191	15.84	3.96	FALSE
## 192	21.96	1.08	FALSE
## 193	47.16	27.00	TRUE
## 194	53.28	18.36	FALSE
## 195	15.84	4.32	FALSE
## 196	30.24	11.52	FALSE
## 197	20.52	6.84	FALSE
## 198	25.20	3.96	FALSE
## 199	26.28	11.52	TRUE
## 200	29.88	10.44	TRUE
## 201	50.04	26.64	TRUE
## 202	27.36	11.16	FALSE
## 203	26.64	6.84	TRUE
## 204	41.40	18.72	TRUE
## 205	55.08	15.12	TRUE
## 206	44.28	6.48	TRUE
## 207	33.84	7.20	TRUE
## 208	45.72	18.00	TRUE

## 209	18.36	2.52	FALSE
## 210	31.32	3.96	TRUE
## 211	30.60	8.28	TRUE
## 212	16.92	8.28	TRUE
## 213	14.40	1.44	FALSE
## 214	24.12	11.88	TRUE
## 215	21.60	3.24	TRUE
## 216	23.04	5.76	FALSE
## 217	18.72	4.32	TRUE
## 218	28.08	2.88	TRUE
## 219	19.80	2.52	FALSE
## 220	17.28	0.72	TRUE
## 221	17.28	3.60	TRUE
## 222	24.48	14.76	FALSE
## 223	9.36	1.08	FALSE
## 224	34.56	3.24	TRUE
## 225	30.96	5.40	TRUE
## 226	31.68	13.32	FALSE
## 227	25.20	5.76	FALSE
## 228	21.60	7.56	FALSE
## 229	16.20	5.40	FALSE
## 230	18.00	1.80	FALSE
## 231	42.48	22.32	TRUE
## 232	36.36	10.44	TRUE
## 233	21.24	5.76	FALSE
## 234	20.52	7.92	FALSE
## 235	12.96	1.44	FALSE
## 236	14.76	1.08	FALSE
## 237	7.92	1.08	FALSE
## 238	15.84	2.52	FALSE
## 239	23.76	2.52	FALSE
## 240	25.56	1.44	FALSE
## 241	27.36	5.40	FALSE
## 242	35.28	22.68	TRUE
## 243	57.60	26.28	TRUE
## 244	39.96	19.80	TRUE
## 245	26.28	6.12	TRUE
## 246	24.84	1.44	FALSE
## 247	21.60	4.32	FALSE
## 248	29.52	5.40	TRUE
## 249	20.88	7.20	TRUE
## 250	12.96	5.04	FALSE
## 251	19.08	1.80	TRUE
## 252	29.16	13.32	FALSE
## 253	10.80	1.08	FALSE
## 254	18.72	1.44	TRUE
## 255	25.56	9.00	FALSE
## 256	21.60	2.88	FALSE
## 257	37.80	14.76	TRUE
## 258	44.64	15.48	TRUE
## 259	19.08	4.68	FALSE
## 260	27.00	15.84	TRUE
## 261	30.60	11.52	FALSE
## 262	15.84	1.80	TRUE

## 263	41.76	4.68	TRUE
## 264	19.08	1.08	FALSE
## 265	21.24	3.24	TRUE
## 266	42.48	18.00	TRUE
## 267	25.20	9.00	FALSE
## 268	12.60	0.72	FALSE
## 269	26.64	8.28	FALSE
## 270	17.28	1.80	FALSE
## 271	20.88	4.68	TRUE
## 272	33.84	2.88	TRUE
## 273	19.44	1.80	FALSE
## 274	29.16	21.24	FALSE
## 275	38.88	20.52	FALSE
## 276	35.28	15.84	FALSE
## 277	52.56	11.16	FALSE
## 278	55.80	6.84	TRUE
## 279	67.32	53.28	TRUE
## 280	14.76	2.16	FALSE
## 281	27.72	15.84	FALSE
## 282	22.68	3.60	FALSE
## 283	26.64	9.72	FALSE
## 284	32.40	15.48	FALSE
## 285	41.04	15.12	TRUE
## 286	17.64	6.48	TRUE
## 287	18.36	6.48	TRUE
## 288	13.68	3.96	FALSE
## 289	20.16	4.68	TRUE
## 290	16.56	6.12	FALSE