

Flight Delay

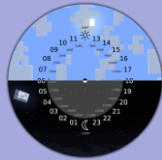
Delay peaks from June to August, during the summer break. This might be due to an increase of flights or the hurricane season.

Month



The particular day of the month doesn't seem to have any real effect on the Flight Delay time. This needs to be combined with the month to make sense.

Day



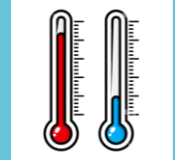
Wind speed around 2~4 m/s have the highest occurrences of Flight Delay, but the correlation is not strong.

Wind Speed



Temperature from 15 to 25 Celsius has the highest delays. Like Wind speed, this might be due to that there are simply more flight around that Temperature.

Temp



Flight Delay

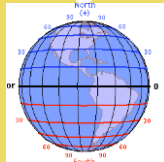
Flight delay can be a major downside for taking commercial aviation. It is of paramount importance to understand what might cause a flight delay in order to make better predictions ahead of time.

Clouds



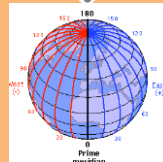
If the Wind Speed and the Clouds are both high, there might be a higher chance of flight delay.

Latitude



Delay happens the most around 32°N, in the southern part, where we have California, Arizona, Texas, Georgia, and Florida.

Longitude



Delay happens the most around 80°W in the east coast, where we have New York, North Carolina, Virginia, Georgia, and Florida.

Depart Time



Delay happens most likely in the afternoon around 4pm(16:00). This is especially true for the east coast.