**Weather Data Analysis**

**OpenWeatherMaps current weather API calls:**

WEATHER\_ID MEANINGS:





Column titles/info for returned data:

* According to the National Weather Service, driving conditions can become difficult for high-profile vehicles when wind reaches 30-45 mph. When wind speeds hit 40-58 mph driving becomes more difficult for smaller profile vehicles and even more dangerous for larger vehicles.
* Visibility less than 300M is low, less than 100M is very low.
* Can be 'clouds', 'rain', or 'snow'. Unsure if it returns multiple. Rain/Snow volume for the last 1 or 3 hours, in mm.

DATE\_TIME\_CST

LATITUDE

LONGITUDE

WEATHER\_ID

WEATHER\_DESCRIPTION

TEMPERATURE # Returned in Imperial (Fahrenheit)

VISIBILITY\_METERS

WIND\_SPEED\_MPH

CLOUDS\_PERCENT

RAIN1H\_MM

RAIN3H\_MM

SNOW1H\_MM

SNOW3H\_MM