This graph indicates that the analysis of correlation between NYC Citibike data and weather for May 2018. We analyzed 1,8 million Citibike trips for May 2018 and the result graph consists of average trip durations, average temperature and average wind speed changes for each 24 hours of a day.  It is seen that the peak point of duration is occurred in May, 26 where there is the second peak point of temperature also there is an observable decrease for wind speed. However we can not exactly say that there is an observable effect of the temperature or wind speed on average durations of trips for May, 2018.