Turnstile and Weather Variables

UNIT	Remote unit that collects turnstile information. Can collect from multiple banks of turnstiles. Large subway stations can have more than one unit.
DATEn	Date in “yyyy-mm-dd” (2011-05-21) format.
TIMEn	Time in “hh:mm:ss” (08:05:02) format.
ENTRIESn	Raw reading of cummulative turnstile entries from the remote unit. Occasionally resets to 0.
EXITSn	Raw reading of cummulative turnstile exits from the remote unit. Occasionally resets to 0.
ENTRIESn_hourly	Difference in ENTRIES from the previous REGULAR reading.
EXITSn_hourly	Difference in EXITS from the previous REGULAR reading.
datetime	Date and time in “yyyy-mm-dd hh:mm:ss” format (2011-05-01 00:00:00). Can be parsed into a Pandas datetime object without modifications.
hour	Hour of the timestamp from TIMEn. Truncated rather than rounded.
day_week	Integer (0 - 6 Mon - Sun) corresponding to the day of the week.
weekday	Indicator (0 or 1) if the date is a weekday (Mon - Fri).
station	Subway station corresponding to the remote unit.
latitude	Latitude of the subway station corresponding to the remote unit.

longitude	Longitude of the subway station corresponding to the remote unit.
conds	Categorical variable of the weather conditions (Clear, Cloudy etc.) for the time and location.
fog	Indicator (0 or 1) if there was fog at the time and location.
precipi	Precipitation in inches at the time and location.
pressurei	Barometric pressure in inches Hg at the time and location.
rain	Indicator (0 or 1) if rain occurred within the calendar day at the location.
tempi	Temperature in ℉ at the time and location.
wspdi	Wind speed in mph at the time and location.
meanprecipi	Daily average of precipi for the location.
meanpressurei	Daily average of pressurei for the location.
meantempi	Daily average of tempi for the location.
meanwspdi	Daily average of wspdi for the location.
weather_lat	Latitude of the weather station the weather data is from.
weather_lon	Longitude of the weather station the weather data is from.