

Element	Description	Description / Meaning
datetime		The time when the record was made.
tempmax	Maximum Temperature	The highest air temperature recorded during the day (°C).
tempmin	Minimum Temperature	The lowest air temperature recorded during the day (°C).
temp	Temperature (or mean temperature)	The average or mean temperature for the day.
feelslikemax	Maximum Feels like	The maximum “feels-like” temperature (considering humidity, wind,
feelslikemin	Maximum Feels like	The minimum “feels-like” temperature for the day.
feelslike	Feels like	The average “feels-like” temperature — perceived temperature combining effects of air temp, humidity, and wind.
dew	Dew Point	The dew point temperature — the temperature at which air becomes saturated and dew forms; indicates humidity level.
humidity	Relative Humidity	The amount of water vapor present in the air compared to the maximum amount possible at a given temperature, expressed as a mean
precip	Precipitation	Total precipitation (rain, drizzle, snow, etc.) accumulated in a day (mm).
precipprob	Precipitation chance	Probability of precipitation, expressed as a percentage (%).
precipcover	Precipitation Cover	Percentage of time during the day that precipitation occurred.
preciptype	Precipitation type	The type(s) of precipitation (e.g., “rain”, “snow”, “sleet”).
windgust	Wind Gust	Maximum instantaneous wind speed (the strongest gust).
windspeed	Wind Speed	The highest winspeed recorded during the day.
windspeedmax	Maximum Wind speed	
winspeedmean	Mean Wind speed	The average or mean wind speed for the day.
winspeedmin	Minimum Wind speed	The lowest winspeed recorded during the day.
winddir	Wind Direction	Average wind direction, usually in degrees (0–360°, where 0° = North).
sealevelpressure	Sea Level Pressure	The atmospheric pressure adjusted to sea level, expressed in millibars, to allow consistent comparison across locations with different elevations, calculated as the daily mean of hourly values.
cloudcover	Cloud Cover	The percentage of sky covered by cloud.
visibility	Visibility	Average distance one can clearly see (km or miles); lower means hazier conditions
solarradiation	Solar Radiation	Measures the power (in W/m2) at the instantaneous moment of the obser
solarenergy	Solar Energy	(in MJ/m2) indicates the total energy from the sun that builds up over an h
uvindex	UV Index	The level of ultra violet (UV) exposure for that day.
severerisk	Severe Risk	
sunrise	Sunrise time	Time of sunrise for the day.
sunset	Sunset time	Time of sunset for the day.
moonphase	Moonphase	A decimal value representing the current moon phase between 0 and 1 where 0 represents the new moon, 0.5 represents the full moon.
conditions	Short text about the weather	self-explanatory
description	Description of the weather for the day	self-explanatory
icon	A weather icon	self-explanatory

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