Field Name	Data Type	Description	Data Form	Data Measurment	
date	datetime64[ns]	date of hourly weather in datime 64 form			
latitude	float64	Geographical WGS84 coordinates of the location. Multiple coordinates can be comma separated. E.g. &latitude=52.52,48.85&longitude=13.41,2.35. To return data for multiple locations the JSON output changes to a list of structures. CSV and XLSX formats add a column location_id.			
longitude	float64	Geographical WGS84 coordinates of the location. Multiple coordinates can be comma separated. E.g. &latitude=52.52,48.85&longitude=13.41,2.35. To return data for multiple locations the JSON output changes to a list of structures. CSV and XLSX formats add a column location_id.			
temperature_2m	float32	Air temperature at 2 meters above ground	Instant	°C (°F)	
relative_humidity_2m	float32	Relative humidity at 2 meters above ground	Instant	%	
precipitation	float32	Total precipitation (rain, showers, snow) sum of the preceding hour. Data is stored with a 0.1 mm precision. If precipitation data is summed up to monthly sums, there might be small inconsistencies with the total precipitation amount.	Preceding hour sum	mm (inch)	
rain	float32	Only liquid precipitation of the preceding hour including local showers and rain from large scale systems.	Preceding hour sum	mm (inch)	
wind_speed_10m	float32	Wind speed at 10 or 100 meters above ground. Wind speed on 10 meters is the standard level.	Instant	km/h (mph, m/s, knots)	
wind_speed_100m	float32	Wind speed at 10 or 100 meters above ground. Wind speed on 10 meters is the standard level.	Instant	km/h (mph, m/s, knots)	
wind_direction_10m	float32	Wind direction at 10 or 100 meters above ground	Instant	°	
wind_direction_100m	float32	Wind direction at 10 or 100 meters above ground	Instant	°	
wind_gusts_10m	float32	Gusts at 10 meters above ground of the indicated hour. Wind gusts in CERRA are defined as the maximum wind gusts of the preceding hour. Please consult the ECMWF IFS documentation for more information on how wind gusts are parameterized in weather models.	Instant	km/h (mph, m/s, knots)	
is_day	float32	is there daylight or is it nighttime. 1 = day, 0 = night			
borough	object	borough in New York City (Queens, Bronx, Manhattan, Brooklyn, Staten Island)			
day_of_week	object	day of the week (Monday, Tuesday, etc.)			
month_number	int64	July = 6, August = 7, etc.			
month_name	object	July, August, etc.			