

The GARMON dataset (meteo data)

The GARMON project is an ongoing project, and the data are still being collected. A snapshot of the dataset as of 2020-02-03 is given through the link below.

Timeframe	Download link	Size	Integrity (md5sum)
Datadump GARMON project (till 2020-02-03)	GARMONfulldump_20200203.csv.gz	66 Mb	84fbc00ed4ddb9588697e90e050385f

Some guidelines for the analysis

(will be updated when new questions come in).

- The stations with IDs GARMON038 and GARMON039 have erroneous rain measurements.

Columns

Column	Parameter	Unit
DATEUTC	Timestamp of the measurement (end of the 5-min interval)	UTC
ID	ID of the station	-
LAT	Latitude of the station	Decimal degrees
LON	Longitude of the station	Decimal degrees
ALT	Altitude of the station	Meters AMSL
TEMPC	Temperature	Degrees Celsius
HUMIDITY	Relative humidity	%
DEWPTC	Dew point temperature	Degrees Celsius
WINDCHILLF	Wind chill	Fahrenheit
WINDDIR	Wind direction	Degrees [0-360]
WINDSPEEDKMH	Wind speed	Km per hour
WINDGUSTKMH	Wind gust speed	Km per hour
RAININ	Rain intensity	Inch per hour
DAILYRAININ	Rain day sum	Inch

Column	Parameter	Unit
WEEKLYRAININ	Rain week sum	Inch
MONTHLYRAININ	Rain month sum	Inch
YEARLYRAININ	Rain year sum	Inch
SOLARRADIATION	Solar radiation	Watt per m ²
UV	UV index	-
NRECORDS	Number of underlying measurements during this 5-min interval	-
AGRID	Unique row ID	-

Licence

GARMON data are open data licensed under the [CC-BY](#) licence **with additional restrictions** in the case this dataset is used in a peer-reviewed publication. Please contact Maarten Reyniers through the [Leuvenair contact form](#) if you wish to do so.

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