

SUMMER 2026

APPENDIX 2

13 hourly variables in the data

1. Temperature 2m / °C - Air temperature at 2 meters above ground.
2. Relative humidity 2m / % - Relative humidity at 2 meters above ground.
3. Dew point 2m / °C - Dew point temperature at 2 meters above ground.
4. Mean sea level pressure / hPa - Atmospheric air pressure reduced to mean sea level.
5. Surface pressure / hPa - Atmospheric air pressure measured on the ground surface.
6. Rain / mm - Only liquid precipitation of the preceding hour including local showers and rain from large scale systems.
7. Cloud cover - Total cloud cover as an area fraction
8. Cloud cover low / % - Low level clouds and fog up to 2 km altitude
9. Cloud cover mid / % - Mid level clouds from 2 to 6 km altitude
10. Cloud cover high / % - High level clouds from 6 km altitude
11. Wind speed 10m / ° - Wind speed at 10 meters above ground.
12. Wind speed 100m / ° - Wind speed at 100 meters above ground.
13. Vapour pressure deficit / kPa - The difference (deficit) between the amount of moisture in the air and how much moisture the air can hold when it is saturated