

Murdoch University Weather Station



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Latest

Murdoch Sensor Readings



Tuesday November 21, 2023 12:00 am WST

Sensors' Location 115° 50' 32.28" E 32° 04' 23.95" S 30.0m AHD

Sensor	Sensor Description	Reading	Status
T	Ambient Air Temperature 1m	22.79 °C	✓
DP	Dew Point Temperture	8.00 °C	✓
BP	Barometric Pressure (Instrument)	1014.1 hPa	✓
QFE	Barometric Pressure (QFE Station Elevation)	1014.2 hPa	✓
QFF	Barometric Pressure (QFF Mean Sea Level)	1017.7 hPa	✓
QNH	Barometric Pressure (QNH Aviation Standard)	1017.8 hPa	✓
RF10	Rainfall (10min)	0.00 mm	✓
RF	Rainfall (Accumulated)	581.75 mm	✓
EV10	Evaporation (10min)	0.31 mm	✓
EV	Evaporation (Accumulated)	1389.17 mm	✓
RH	Relative Humidity	38.66%	✓
S	Wind Speed (10min Mean) 10m	19.08 km/h	✓
Dta	Wind Direction (10min Mean) 10m	121.00°	✓
Sx	Wind Gust Speed 10m	32.40 km/h	✓
Dtx	Wind Gust Direction 10m	119.00°	✓
Ss	Wind Speed (10min SD) 10m	6.12 km/h	✓
Dts	Wind Direction (10min SD) 10m	24.00°	✓
Ws	Wind Speed 10m	19.58 km/h	✓
Wd	Wind Direction 10m	117.00 °	✓
SR	Solar Radiation (10min Avg)	2.6 W/m²	✓
T10	Soil Temperature (Depth 10cm)	31.46 °C	✓
T20	Soil Temperature (Depth 20cm)	31.71 °C	✓
T30	Soil Temperature (Depth 30cm)	28.97 °C	✓
T40	Soil Temperature (Depth 40cm)	27.10 °C	✓
T50	Soil Temperature (Depth 50cm)	26.06 °C	✓
T60	Soil Temperature (Depth 60cm)	25.47 °C	✓
T70	Soil Temperature (Depth 70cm)	24.66 °C	✓
T80	Soil Temperature (Depth 80cm)	24.00 °C	✓
T90	Soil Temperature (Depth 90cm)	23.11 °C	✓
T100	Soil Temperature (Depth 100cm)	22.47 °C	✓
T110	Soil Temperature (Depth 110cm)	22.28 °C	✓
T120	Soil Temperature (Depth 120cm)	21.82 °C	✓
M10	Soil Moisture (Depth 10cm)	9.93%	✓
M20	Soil Moisture (Depth 20cm)	12.85%	✓
M30	Soil Moisture (Depth 30cm)	13.01%	✓
M40	Soil Moisture (Depth 40cm)	12.84%	✓
M50	Soil Moisture (Depth 50cm)	13.31%	✓
M60	Soil Moisture (Depth 60cm)	11.64%	✓
M70	Soil Moisture (Depth 70cm)	11.61%	✓
M80	Soil Moisture (Depth 80cm)	12.88%	✓
M90	Soil Moisture (Depth 90cm)	13.11%	✓
M100	Soil Moisture (Depth 100cm)	12.60%	✓
M110	Soil Moisture (Depth 110cm)	13.12%	✓
M120	Soil Moisture (Depth 120cm)	12.94%	✓

✓ sensor functioning normally
 ⚠ sensor fault, reading is unreliable

