

Extracting Weather information

NOTE: This is now all available via a link on the experiment wiki

Parkes

Logon to YOWIE as 'vlbi' Then:

```
$vlbi>sd [.met]
```

```
USER0 : [VLBI .MET]
```

```
$vlbi>rr wx Date (yyyymmdd) : 20080101 Opening file: SYS$WEATHER_DATA:20080101.WST
2007.365.14:00:00.00/wx/weather: 22.5C,1019.0mB, 43%, 20km/h P, 12km/h A, 18.2C
2007.365.14:05:00.00/wx/weather: 22.3C,1019.0mB, 43%, 17km/h P, 9km/h A, 17.5C ....
2008.001.13:55:00.00/wx/weather: 23.4C,1016.0mB, 57%, 18km/h P, 10km/h A, 16.9C
2008.001.13:59:40.00/wx/weather: 23.2C,1016.0mB, 57%, 21km/h P, 12km/h A, 17.7C
```

NB: you have to give the AEST date for the data you want but the output is given with UT, in the same format as the Field System, averaged to 5 minutes. The output is also written to the file MET.LOG as well as the screen. MET.LOG contains UT time, temperature, pressure and humidity.

ATCA

- Start MoniCA and select ATCA
- Setup→Add Panel→History Table
- Select environment.weather
 - Temperature
 - Pressure
 - RelHumidity
 - SpecificHumidity
 - DewPoint
 - Rain
 - WindAvg
- Select the following options:
 - Archival Mode
 - Start Time
 - Data Time Span
 - New row when ANY monitor point updates
- Deselect Hide incomplete
 - Deselect Suppress date
 - Chronological order
- Export-ASCII data

Mopra

- Start MoniCA and select Mopra
- Setup→Add Panel→History Table
- Select environment.weather
 - Temperature
 - Pressure
 - RelHumidity
 - SpecificHumidity
 - DewPoint
 - Rain
 - WindAvg
- Select the following options:
 - Archival Mode
 - Start Time
 - Data Time Span
 - New row when ANY monitor point updates
- Deselect Hide incomplete
 - Deselect Suppress date
 - Chronological order
- Export-ASCII data

From:

<https://www.atnf.csiro.au/vlbi/dokuwiki/> - **ATNF VLBI Wiki**

Permanent link:

<https://www.atnf.csiro.au/vlbi/dokuwiki/doku.php/lbaops/lbaweather?rev=1450417144>

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