There are three sub-folders here containing

1. **Grids\_Aus\:**

mean\_Annual\_BILO\_P\_BA\_1981\_2012.flt:

**Desc:** Mean annual BAWAP rainfall of year 1981 - 2012, for whole Australia.

**Source data**: annual BILO rainfall on [\\wron\Project\BA\BA\_N\_Sydney\Working\li036\_Lingtao\_LI\Grids\BILO\_Rain\_Ann\](file:///\\wron\Project\BA\BA_N_Sydney\Working\li036_Lingtao_LI\Grids\BILO_Rain_Ann\)

This annual data is created by Lingtao Li from monthly [\\wron\project\Awap\Data\MET\BILO\rain\monthly\total\](file:///\\wron\project\Awap\Data\MET\BILO\rain\monthly\total\) which is created by Randall Donohue from daily BILO rainfall. This grid has the same geometry as the SILO and BILO datasets.

Jones, D. A., W. Wang and R. Fawcett (2009). "High-quality spatial climate data-sets for Australia." Australian Meteorological and Oceanographic Journal **58**(4): 233-248.

mean\_Annual\_penman\_PET\_BA\_1981\_2012.flt:

**Desc:** Mean annual penman PET of year 1981 - 2012, for whole Australia.

**Source data:** annual penman PET on [\\wron\TimeSeries\Climate\evaporation\donohue\potential\_evaporation\v5\resolution\_0.05degrees\penman\annual\](file:///\\wron\TimeSeries\Climate\evaporation\donohue\potential_evaporation\v5\resolution_0.05degrees\penman\annual\)

This dataset is created by Randall Donohue, as per the Donohue et al (2010) paper using the fully physically based Penman formulation of potential evapotranspiration, expect that daily wind speed grids used here were generated with a spline (i.e., ANUSPLIN) as per McVicar et al (2008), not the TIN as per Donohue et al (2010). For comprehensive details regarding the generation of some of these datasets (i.e., net radiation, Rn) see the details provided in Donohue et al (2009).

Donohue, R.J., McVicar, T.R. and Roderick, M.L. (2010) Assessing the ability of potential evaporation formulations to capture the dynamics in evaporative demand within a changing climate. *Journal of Hydrology.* 386(1-4), 186-197. doi:10.1016/j.jhydrol.2010.03.020

Donohue, R.J., McVicar, T.R. and Roderick, M.L., (2009) Generating Australian potential evaporation data suitable for assessing the dynamics in evaporative demand within a changing climate. CSIRO: Water for a Healthy Country Flagship, pp 43. <http://www.clw.csiro.au/publications/waterforahealthycountry/2009/wfhc-evaporative-demand-dynamics.pdf>

McVicar, T.R., Van Niel, T.G., Li, L.T., Roderick, M.L., Rayner, D.P., Ricciardulli, L. and Donohue, R.J. (2008) Wind speed climatology and trends for Australia, 1975-2006: Capturing the stilling phenomenon and comparison with near-surface reanalysis output. *Geophysical Research Letters*. 35, L20403, doi:10.1029/2008GL035627

**IDL script:** [\\fsact02-cdc\CSIRO\LW\Share1\ACIAR\idl\_code\Misc\BA\Calc\_mean\_Annual\_P\_PET\_BA\_1981\_2012.pro](file:///\\fsact02-cdc\CSIRO\LW\Share1\ACIAR\idl_code\Misc\BA\Calc_mean_Annual_P_PET_BA_1981_2012.pro)

mean\_Annual\_Choudhury\_runoff\_BA\_1982-2010.flt:

**Desc:** Mean annual runoff for 1981 - 2012, for whole Australia using the ‘Budyko-framework’ implementation of Choudhury.

**Source data:** annual runoff on [\\wron\Working\work\RDonohue\Work\_generic\climate\Budyko\_curve\Australia\_from\_BAWAP\Aust\_Choudhury\_runoff\_1982-2010.rst](file:///\\wron\Working\work\RDonohue\Work_generic\climate\Budyko_curve\Australia_from_BAWAP\Aust_Choudhury_runoff_1982-2010.rst)

This dataset was created by Randall Donohue, as per the Donohue et al (2010) paper. Tom Van Niel copied the data over from the above location and renamed it using the BA standard naming conventions. The data represent the runoff expected from the steady-state ‘Budyko curve’ longterm mean annual water-energy limit approach using BAWAP precipitation and the Penman potential ET described above.

Choudhury BJ (1999) Evaluation of an empirical equation for annual evaporation using field observations and results from a biophysical model. *Journal of Hydrology* **216**, 99-110.

Donohue, R.J., McVicar, T.R. and Roderick, M.L. (2010) Assessing the ability of potential evaporation formulations to capture the dynamics in evaporative demand within a changing climate. *Journal of Hydrology.* 386(1-4), 186-197. doi:10.1016/j.jhydrol.2010.03.020

Donohue, R.J., McVicar, T.R. and Roderick, M.L., (2009) Generating Australian potential evaporation data suitable for assessing the dynamics in evaporative demand within a changing climate. CSIRO: Water for a Healthy Country Flagship, pp 43. <http://www.clw.csiro.au/publications/waterforahealthycountry/2009/wfhc-evaporative-demand-dynamics.pdf>

McVicar, T.R., Van Niel, T.G., Li, L.T., Roderick, M.L., Rayner, D.P., Ricciardulli, L. and Donohue, R.J. (2008) Wind speed climatology and trends for Australia, 1975-2006: Capturing the stilling phenomenon and comparison with near-surface reanalysis output. *Geophysical Research Letters*. 35, L20403, doi:10.1029/2008GL035627

**IDL script:** \\fsact02-cdc\CSIRO\LW\Share1\ACIAR\idl\_code\Misc\BA\ Cookiecut\_gloucester\_q\_p.pro

1. **TextFiles\_BA\**

They are for each BA subregion (in file names, BA\_XXX\_YYY stands for a subregion with XXX being 3 letter bioregional assessment code and YYY being the subregion), as outlined the following table.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Region | Code | Subregion | Code | Note |
| **Lake Eyre Basin** | **LEB** |  |  |  |
|  |  | [Galilee subregion](https://teams.csiro.au/sites/BA/LEB/GAL/Forms/AllItems.aspx) | BA\_LEB\_GAL |  |
|  |  | [Cooper subregion](https://teams.csiro.au/sites/BA/LEB/COO/Forms/AllItems.aspx) | BA\_LEB\_COO |  |
|  |  | [Arckaringa subregion](https://teams.csiro.au/sites/BA/LEB/ARC/Forms/AllItems.aspx) | BA\_LEB\_ARC |  |
|  |  | [Pedirka subregion](https://teams.csiro.au/sites/BA/LEB/PED/Forms/AllItems.aspx) | BA\_LEB\_PED |  |
| **Northern Inland Catchments** | **NIC** |  |  |  |
|  |  | [Maranoa-Balonne-Condamine subregion](https://teams.csiro.au/sites/BA/NIC/MBC/Forms/AllItems.aspx) | BA\_NIC\_MBC |  |
|  |  | [Gwydir subregion](https://teams.csiro.au/sites/BA/NIC/GWY/Forms/AllItems.aspx) | BA\_NIC\_GWY |  |
|  |  | [Namoi subregion](https://teams.csiro.au/sites/BA/NIC/NAM/Forms/AllItems.aspx) | BA\_NIC\_NAM |  |
|  |  | [Central West subregion](https://teams.csiro.au/sites/BA/NIC/CEN/Forms/AllItems.aspx) | BA\_NIC\_CEN |  |
| **Clarence-Moreton** | **CLM** |  |  |  |
|  |  | Clarence-Moreton subregion | BA\_CLM\_CLM |  |
| **Sydney Basin** | **SYB** |  |  |  |
|  |  | [Hunter subregion](https://teams.csiro.au/sites/BA/SYB/HUN/Forms/AllItems.aspx) | BA\_SYB\_HUN |  |
|  |  | [Gloucester subregion](https://teams.csiro.au/sites/BA/SYB/GLO/Forms/AllItems.aspx) | BA\_SYB\_GLO |  |
|  |  | [Hawkesbury-Nepean subregion](https://teams.csiro.au/sites/BA/SYB/HAW/Forms/AllItems.aspx) | BA\_SYB\_HAW |  |
|  |  | [Georges River subregion](https://teams.csiro.au/sites/BA/SYB/GEO/Forms/AllItems.aspx) | BA\_SYB\_GEO |  |
|  |  | [Wollongong Coast subregion](https://teams.csiro.au/sites/BA/SYB/WOL/Forms/AllItems.aspx) | BA\_SYB\_WOL |  |
| **Gippsland Basin** | **GIP** |  |  |  |
|  |  | Gippsland subregion | BA\_GIP\_GIP |  |

BAWAP\_P\_annual\_BA\_XXX\_YYY.csv

**Desc:** Time series mean annual BAWAP rainfall from 1900 – 2012.

**Source data:** annual BILO rainfall on [\\wron\Project\BA\BA\_N\_Sydney\Working\li036\_Lingtao\_LI\Grids\BILO\_Rain\_Ann\](file:///\\wron\Project\BA\BA_N_Sydney\Working\li036_Lingtao_LI\Grids\BILO_Rain_Ann\) (created by Lingtao Li, see above)

**IDL script:** [\\fsact02-cdc\CSIRO\LW\Share1\ACIAR\idl\_code\Misc\BA\Calc\_annual\_P\_stats\_BA\_by\_subregion.pro](file:///\\fsact02-cdc\CSIRO\LW\Share1\ACIAR\idl_code\Misc\BA\Calc_annual_P_stats_BA_by_subregion.pro)

P\_PET\_monthly\_BA\_XXX\_YYY.csv

**Desc:** long term average BAWAP rainfall and Penman PET from 198101 – 201212 for each month.

**Source data:**

Monthly BILO rainfall on [\\wron\project\Awap\Data\MET\BILO\rain\monthly\total\](file:///\\wron\project\Awap\Data\MET\BILO\rain\monthly\total\)

Monthly Penman PET on [\\wron\TimeSeries\Climate\evaporation\donohue\potential\_evaporation\v5\resolution\_0.05degrees\penman\monthly\](file:///\\wron\TimeSeries\Climate\evaporation\donohue\potential_evaporation\v5\resolution_0.05degrees\penman\monthly\)

Both datasets are created by Randall Donohue, see above.

**IDL script:** [\\fsact02-cdc\CSIRO\LW\Share1\ACIAR\idl\_code\Misc\BA\Calc\_annual\_P\_stats\_BA\_by\_subregion.pro](file:///\\fsact02-cdc\CSIRO\LW\Share1\ACIAR\idl_code\Misc\BA\Calc_annual_P_stats_BA_by_subregion.pro)

Climatology\_Trend\_BA\_ XXX\_YYY.csv

**Desc:** Values calculated over the years 1981 – 2012 (inclusive), for 17 time periods (i.e., annual, 4 seasons and 12 months) for the following 8 meteorological variables: (i) BAWAP\_P; (ii) Penman ETp; (iii) Tavg; (iv) Tmax; (v) Tmin; (vi) VPD; (vii) Rn; and (viii) Wind speed. For each of the 17 time periods for each of the 8 meteorological variables have calculated the: (a) average; (b) maximum; (c) minimum; (d) average plus standard deviation (stddev); (e) average minus stddev; (f) stddev; and (g) trend.

**Source data:**

Monthly BILO rainfall on [\\wron\project\Awap\Data\MET\BILO\rain\monthly\total\](file:///\\wron\project\Awap\Data\MET\BILO\rain\monthly\total\)

Monthly Penman PET on [\\wron\TimeSeries\Climate\evaporation\donohue\potential\_evaporation\v5\resolution\_0.05degrees\penman\monthly\](file:///\\wron\TimeSeries\Climate\evaporation\donohue\potential_evaporation\v5\resolution_0.05degrees\penman\monthly\)

Monthly BILO Tair on [\\wron\Project\AWAP\Data\MET\BILO\temperature\Tair\mth\](file:///\\wron\Project\AWAP\Data\MET\BILO\temperature\Tair\mth\)

Monthly BILO Tmax on [\\wron\Project\AWAP\Data\MET\BILO\temperature\Tmax\mth\](file:///\\wron\Project\AWAP\Data\MET\BILO\temperature\Tmax\mth\)

Monthly BILO Tmin on [\\wron\Project\AWAP\Data\MET\BILO\temperature\Tmin\mth\](file:///\\wron\Project\AWAP\Data\MET\BILO\temperature\Tmin\mth\)

Monthly VPD on [\\wron\Project\AWAP\Data\MET\BILO\vapour\vpd\monthly\](file:///\\wron\Project\AWAP\Data\MET\BILO\vapour\vpd\monthly\)

Actual vapour measured at 9:00am, the saturated vapour is calculated from Tmax and Tmin.

Monthly Rn on [\\wron\project\Awap\Data\radiation\resolution\_0.05degrees\v5\rnet\monthly\](file:///\\wron\project\Awap\Data\radiation\resolution_0.05degrees\v5\rnet\monthly\)

Above 7 dataset are created by Randall Donohue (CLW Canberra).

Monthly Wind on [\\wron\Project\AWAP\Data\WindGrids\_Aus\WindGrids\_Aus\_5km\_Byte\Composites\Monthly\](file:///\\wron\Project\AWAP\Data\WindGrids_Aus\WindGrids_Aus_5km_Byte\Composites\Monthly\)

This dataset is created by CLW Ecohydrological Time Series Remote Sensing Team. See <http://www-data.iwis.csiro.au/ts/climate/wind/mcvicar_etal_grl2008/>.

**IDL script:** [\\fsact02-cdc\CSIRO\LW\Share1\ACIAR\idl\_code\Misc\BA\Calc\_Climatology\_BA\_by\_subregion.pro](file:///\\fsact02-cdc\CSIRO\LW\Share1\ACIAR\idl_code\Misc\BA\Calc_Climatology_BA_by_subregion.pro)

Risbey\_Remote\_Rainfall\_Drivers\_Corr\_Coeffs\_BA\_XXX\_YYY.csv

**Desc:** Correlation coefficients (-1 to 1) between rainfall and 4 remote rainfall drivers between 1957-2006 for the four seasons. The data and methodology are described in Risbey et al. (2009). All data used in this analysis came directly from James Risbey, CMAR, Hobart. As described in the Risbey et al. (2009) paper, the rainfall was from 0.05 degree gridded data described in Jeffrey et al. (2001 – known as the SILO datasets); sea surface temperature was from the Hadley Centre Sea Ice and Sea Surface Temperature dataset (HadISST) on a 1 degree grid. BLK=Blocking; DMI=Dipole Mode Index; SAM=Southern Annular Mode; SOI=Southern Oscillation Index; DJF=December, January, February; MAM=March, April, May; JJA=June, July, August; SON=September, October, November. The analysis is a summary of Fig. 15 of Risbey et al. (2009).

**Source data:**

Correlation coefficient data from James Risbey (1 degree grid):

[\\wron\Project\AWAP\Data\MET\Remote\_Drivers\_Rainfall\_variability\_Risbey\_2009\flat\_files\BLK\_DecFeb4807.dbl](file:///\\wron\Project\AWAP\Data\MET\Remote_Drivers_Rainfall_variability_Risbey_2009\flat_files\BLK_DecFeb4807.dbl)

[\\wron\Project\AWAP\Data\MET\Remote\_Drivers\_Rainfall\_variability\_Risbey\_2009\flat\_files\BLK\_JunAug4807.dbl](file:///\\wron\Project\AWAP\Data\MET\Remote_Drivers_Rainfall_variability_Risbey_2009\flat_files\BLK_JunAug4807.dbl)

[\\wron\Project\AWAP\Data\MET\Remote\_Drivers\_Rainfall\_variability\_Risbey\_2009\flat\_files\BLK\_MarMay4807.dbl](file:///\\wron\Project\AWAP\Data\MET\Remote_Drivers_Rainfall_variability_Risbey_2009\flat_files\BLK_MarMay4807.dbl)

[\\wron\Project\AWAP\Data\MET\Remote\_Drivers\_Rainfall\_variability\_Risbey\_2009\flat\_files\BLK\_SepNov4807.dbl](file:///\\wron\Project\AWAP\Data\MET\Remote_Drivers_Rainfall_variability_Risbey_2009\flat_files\BLK_SepNov4807.dbl)

[\\wron\Project\AWAP\Data\MET\Remote\_Drivers\_Rainfall\_variability\_Risbey\_2009\flat\_files\DMI\_DecFeb4807.dbl](file:///\\wron\Project\AWAP\Data\MET\Remote_Drivers_Rainfall_variability_Risbey_2009\flat_files\DMI_DecFeb4807.dbl)

[\\wron\Project\AWAP\Data\MET\Remote\_Drivers\_Rainfall\_variability\_Risbey\_2009\flat\_files\DMI\_JunAug4807.dbl](file:///\\wron\Project\AWAP\Data\MET\Remote_Drivers_Rainfall_variability_Risbey_2009\flat_files\DMI_JunAug4807.dbl)

[\\wron\Project\AWAP\Data\MET\Remote\_Drivers\_Rainfall\_variability\_Risbey\_2009\flat\_files\DMI\_MarMay4807.dbl](file:///\\wron\Project\AWAP\Data\MET\Remote_Drivers_Rainfall_variability_Risbey_2009\flat_files\DMI_MarMay4807.dbl)

[\\wron\Project\AWAP\Data\MET\Remote\_Drivers\_Rainfall\_variability\_Risbey\_2009\flat\_files\DMI\_SepNov4807.dbl](file:///\\wron\Project\AWAP\Data\MET\Remote_Drivers_Rainfall_variability_Risbey_2009\flat_files\DMI_SepNov4807.dbl)

[\\wron\Project\AWAP\Data\MET\Remote\_Drivers\_Rainfall\_variability\_Risbey\_2009\flat\_files\SAM\_DecFeb5706.dbl](file:///\\wron\Project\AWAP\Data\MET\Remote_Drivers_Rainfall_variability_Risbey_2009\flat_files\SAM_DecFeb5706.dbl)

[\\wron\Project\AWAP\Data\MET\Remote\_Drivers\_Rainfall\_variability\_Risbey\_2009\flat\_files\SAM\_JunAug5706.dbl](file:///\\wron\Project\AWAP\Data\MET\Remote_Drivers_Rainfall_variability_Risbey_2009\flat_files\SAM_JunAug5706.dbl)

[\\wron\Project\AWAP\Data\MET\Remote\_Drivers\_Rainfall\_variability\_Risbey\_2009\flat\_files\SAM\_MarMay5706.dbl](file:///\\wron\Project\AWAP\Data\MET\Remote_Drivers_Rainfall_variability_Risbey_2009\flat_files\SAM_MarMay5706.dbl)

[\\wron\Project\AWAP\Data\MET\Remote\_Drivers\_Rainfall\_variability\_Risbey\_2009\flat\_files\SAM\_SepNov5706.dbl](file:///\\wron\Project\AWAP\Data\MET\Remote_Drivers_Rainfall_variability_Risbey_2009\flat_files\SAM_SepNov5706.dbl)

[\\wron\Project\AWAP\Data\MET\Remote\_Drivers\_Rainfall\_variability\_Risbey\_2009\flat\_files\SOI\_DecFeb4807.dbl](file:///\\wron\Project\AWAP\Data\MET\Remote_Drivers_Rainfall_variability_Risbey_2009\flat_files\SOI_DecFeb4807.dbl)

[\\wron\Project\AWAP\Data\MET\Remote\_Drivers\_Rainfall\_variability\_Risbey\_2009\flat\_files\SOI\_JunAug4807.dbl](file:///\\wron\Project\AWAP\Data\MET\Remote_Drivers_Rainfall_variability_Risbey_2009\flat_files\SOI_JunAug4807.dbl)

[\\wron\Project\AWAP\Data\MET\Remote\_Drivers\_Rainfall\_variability\_Risbey\_2009\flat\_files\SOI\_MarMay4807.dbl](file:///\\wron\Project\AWAP\Data\MET\Remote_Drivers_Rainfall_variability_Risbey_2009\flat_files\SOI_MarMay4807.dbl)

[\\wron\Project\AWAP\Data\MET\Remote\_Drivers\_Rainfall\_variability\_Risbey\_2009\flat\_files\SOI\_SepNov4807.dbl](file:///\\wron\Project\AWAP\Data\MET\Remote_Drivers_Rainfall_variability_Risbey_2009\flat_files\SOI_SepNov4807.dbl)

Output summary csv files:

\\wron\project\BA\BA\_N\_Sydney\Data\Climate\TextFiles\_BA\Risbey\_Remote\_Rainfall\_Drivers\_Corr\_Coeffs\_BA\_LEB\_GAL.csv

\\wron\project\BA\BA\_N\_Sydney\Data\Climate\TextFiles\_BA\Risbey\_Remote\_Rainfall\_Drivers\_Corr\_Coeffs\_BA\_LEB\_COO.csv

\\wron\project\BA\BA\_N\_Sydney\Data\Climate\TextFiles\_BA\Risbey\_Remote\_Rainfall\_Drivers\_Corr\_Coeffs\_BA\_LEB\_ARC.csv

\\wron\project\BA\BA\_N\_Sydney\Data\Climate\TextFiles\_BA\Risbey\_Remote\_Rainfall\_Drivers\_Corr\_Coeffs\_BA\_LEB\_PED.csv

\\wron\project\BA\BA\_N\_Sydney\Data\Climate\TextFiles\_BA\Risbey\_Remote\_Rainfall\_Drivers\_Corr\_Coeffs\_BA\_NIC\_NAM.csv

\\wron\project\BA\BA\_N\_Sydney\Data\Climate\TextFiles\_BA\Risbey\_Remote\_Rainfall\_Drivers\_Corr\_Coeffs\_BA\_NIC\_MBC.csv

\\wron\project\BA\BA\_N\_Sydney\Data\Climate\TextFiles\_BA\Risbey\_Remote\_Rainfall\_Drivers\_Corr\_Coeffs\_BA\_NIC\_GWY.csv

\\wron\project\BA\BA\_N\_Sydney\Data\Climate\TextFiles\_BA\Risbey\_Remote\_Rainfall\_Drivers\_Corr\_Coeffs\_BA\_NIC\_CEN.csv

\\wron\project\BA\BA\_N\_Sydney\Data\Climate\TextFiles\_BA\Risbey\_Remote\_Rainfall\_Drivers\_Corr\_Coeffs\_BA\_CLM\_CLM.csv

\\wron\project\BA\BA\_N\_Sydney\Data\Climate\TextFiles\_BA\Risbey\_Remote\_Rainfall\_Drivers\_Corr\_Coeffs\_BA\_NSB\_GLO.csv

\\wron\project\BA\BA\_N\_Sydney\Data\Climate\TextFiles\_BA\Risbey\_Remote\_Rainfall\_Drivers\_Corr\_Coeffs\_BA\_NSB\_HUN.csv

\\wron\project\BA\BA\_N\_Sydney\Data\Climate\TextFiles\_BA\Risbey\_Remote\_Rainfall\_Drivers\_Corr\_Coeffs\_BA\_SSB\_HAW.csv

\\wron\project\BA\BA\_N\_Sydney\Data\Climate\TextFiles\_BA\Risbey\_Remote\_Rainfall\_Drivers\_Corr\_Coeffs\_BA\_SSB\_GEO.csv

\\wron\project\BA\BA\_N\_Sydney\Data\Climate\TextFiles\_BA\Risbey\_Remote\_Rainfall\_Drivers\_Corr\_Coeffs\_BA\_SSB\_WOL.csv

[\\wron\project\BA\BA\_N\_Sydney\Data\Climate\TextFiles\_BA\Risbey\_Remote\_Rainfall\_Drivers\_Corr\_Coeffs\_BA\_GIP\_GIP.csv](file:///\\wron\project\BA\BA_N_Sydney\Data\Climate\TextFiles_BA\Risbey_Remote_Rainfall_Drivers_Corr_Coeffs_BA_GIP_GIP.csv)

**IDL script:** \\fsact02-cdc\CSIRO\LW\Share1\ACIAR\idl\_code\ TVN\BA\ remote\_rainfall\_drivers\_risbey\_2009\_all\_subregions.pro

Jeffrey SJ, Carter JO, Moodie KB, Beswick AR (2001) Using spatial interpolation to construct a comprehensive archive of Australian climate data. Environmental Modelling & Software. 16, 309-330.

Risbey JS, Pook MJ, McIntosh PC, Wheeler MC, Hendon HH (2009) On the Remote Drivers of Rainfall Variability in Australia. Monthly Weather Review. 137, 3233-3253.

1. **CSVFiles\_Aus**

* BILO\_P folder

**Desc:** Time series of daily BILO precipitation from 19810101 through 20121231, for each mainland Australia 0.05 degree resolution grid cell to the east of the WA border. The filename represents the cell centre of the 0.05 degree resolution grid cell with longitude (in decimal degrees) being provided before latitude (again in decimal degrees).

**Source data:** daily BILO rainfall grids on [\\wron\Timeseries\Climate\ubilo\rain\](file:///\\wron\Timeseries\Climate\ubilo\rain\)

This dataset is managed by Tom Van Niel (CLW Perth).

**IDL script:** [\\fsact02-cdc\CSIRO\LW\Share1\ACIAR\idl\_code\Misc\BA\Extract\_BILO\_P\_BA.pro](file:///\\fsact02-cdc\CSIRO\LW\Share1\ACIAR\idl_code\Misc\BA\Extract_BILO_P_BA.pro)

* BILO\_P\_Error folder

**Desc:** Time series daily BILO precipitation error from 19810101 through 20121231, for each mainland Australia 0.05 degree resolution grid cell to the east of the WA border.

**Source data:**

Daily BILO rainfall error surfaces on [\\fsact02-cdc\CSIRO\CMAR\NoBackup\RS\GriddedMet\archive\AWAP data\daily rain rmse grids\](file:///\\fsact02-cdc\CSIRO\CMAR\NoBackup\RS\GriddedMet\archive\AWAP%20data\daily%20rain%20rmse%20grids\)

This dataset is managed by Matt Paget (CMAR Canberra).

**IDL script:** [\\fsact02-cdc\CSIRO\LW\Share1\ACIAR\idl\_code\Misc\BA\Extract\_BILO\_P\_Error\_ascii.pro](file:///\\fsact02-cdc\CSIRO\LW\Share1\ACIAR\idl_code\Misc\BA\Extract_BILO_P_Error_ascii.pro)

* Penman\_PET folder

**Desc:** Time series daily Penman potential ET from 19810101 through 20121231, for each mainland Australia 0.05 degree resolution grid cell to the east of the WA border.

**Source data:** daily penman potential ET on [\\wron\Timeseries\Climate\evaporation\donohue\potential\_evaporation\v5\resolution\_0.05degrees\penman\daily\](file:///\\wron\Timeseries\Climate\evaporation\donohue\potential_evaporation\v5\resolution_0.05degrees\penman\daily\)

This dataset is created by Randall Donohue.

**IDL script:** [\\fsact02-cdc\CSIRO\LW\Share1\ACIAR\idl\_code\Misc\BA\extract\_bilo\_pet\_ba.pro](file:///\\fsact02-cdc\CSIRO\LW\Share1\ACIAR\idl_code\Misc\BA\extract_bilo_pet_ba.pro)

Lingtao Li, 04 Sep 2013

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