

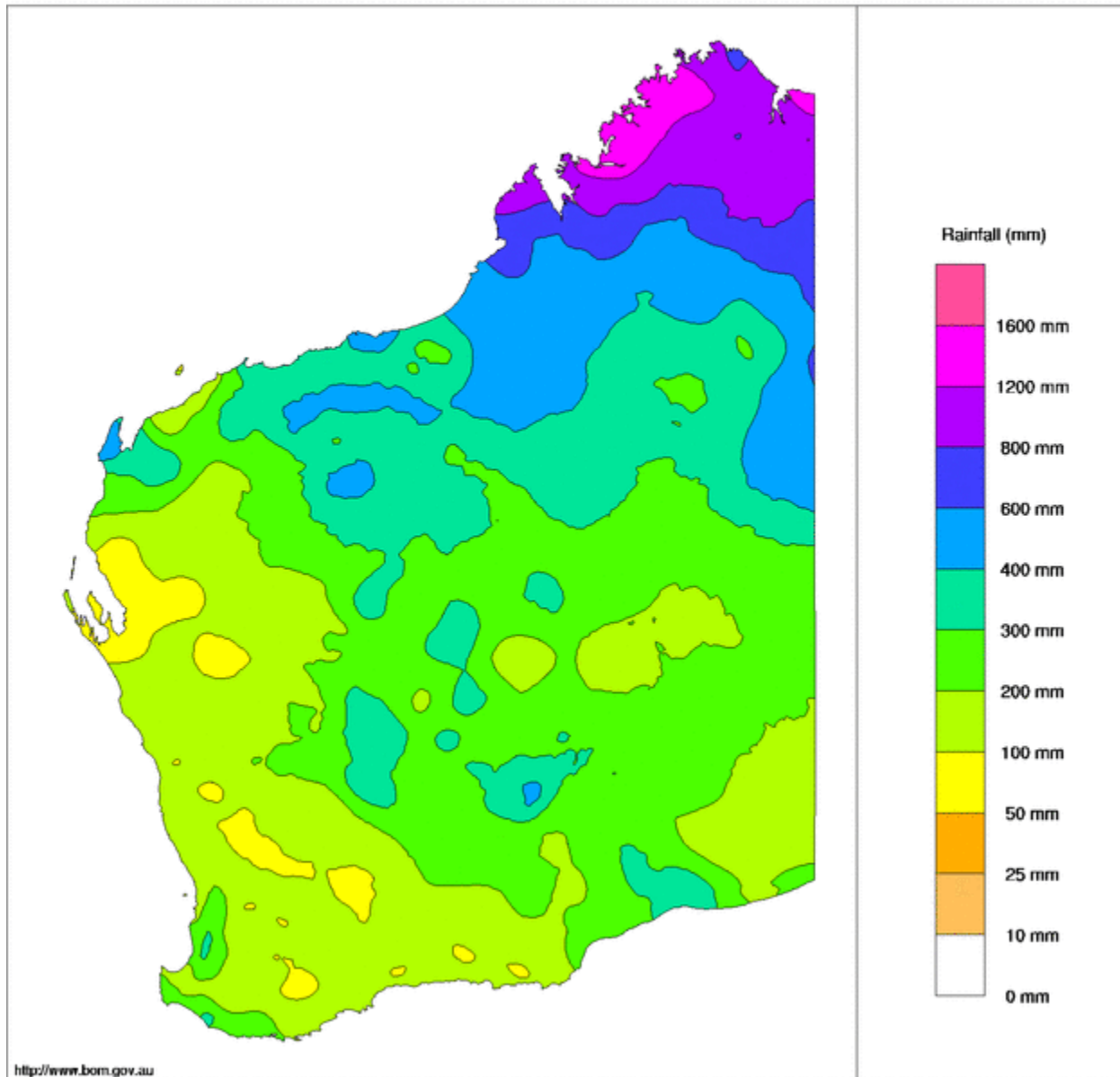


**NORTHERN AUSTRALIA
SEASONAL BUSHFIRE
WORKSHOP
Broome, July 2014**

Draft

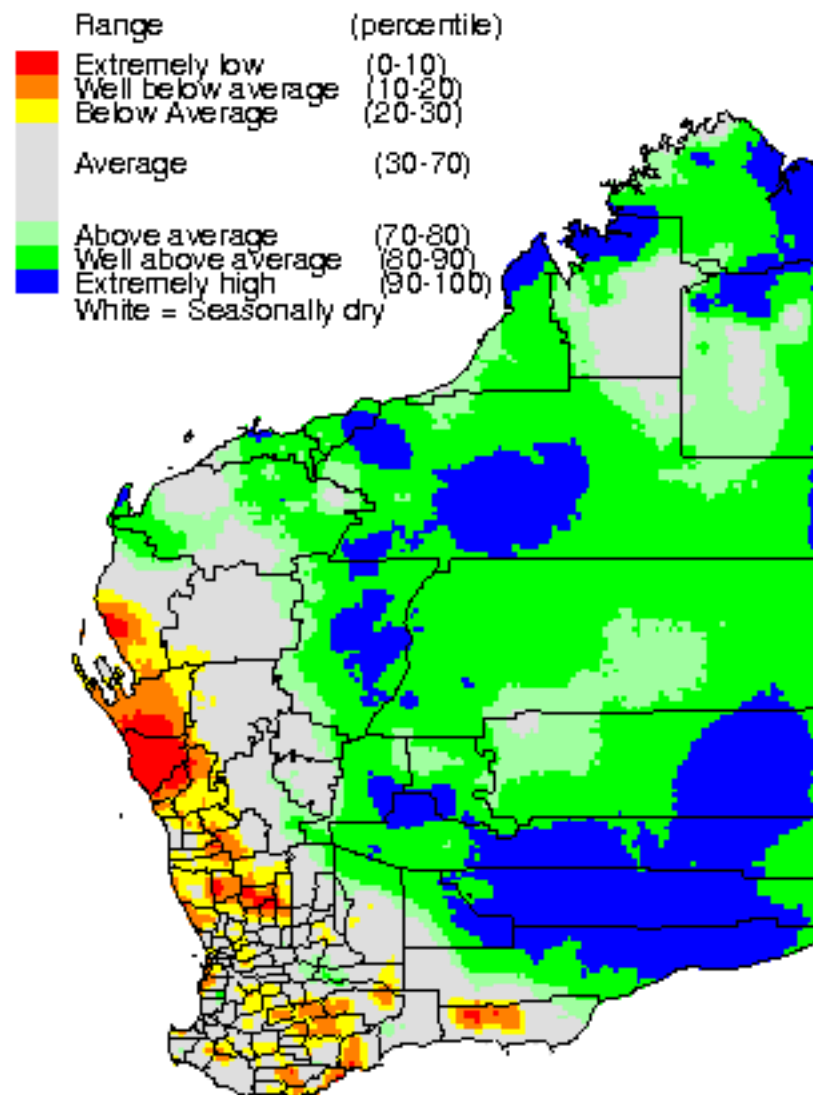
Western Australian Rainfall Totals (mm) 1 December 2013 to 31 May 2014

Product of the National Climate Centre

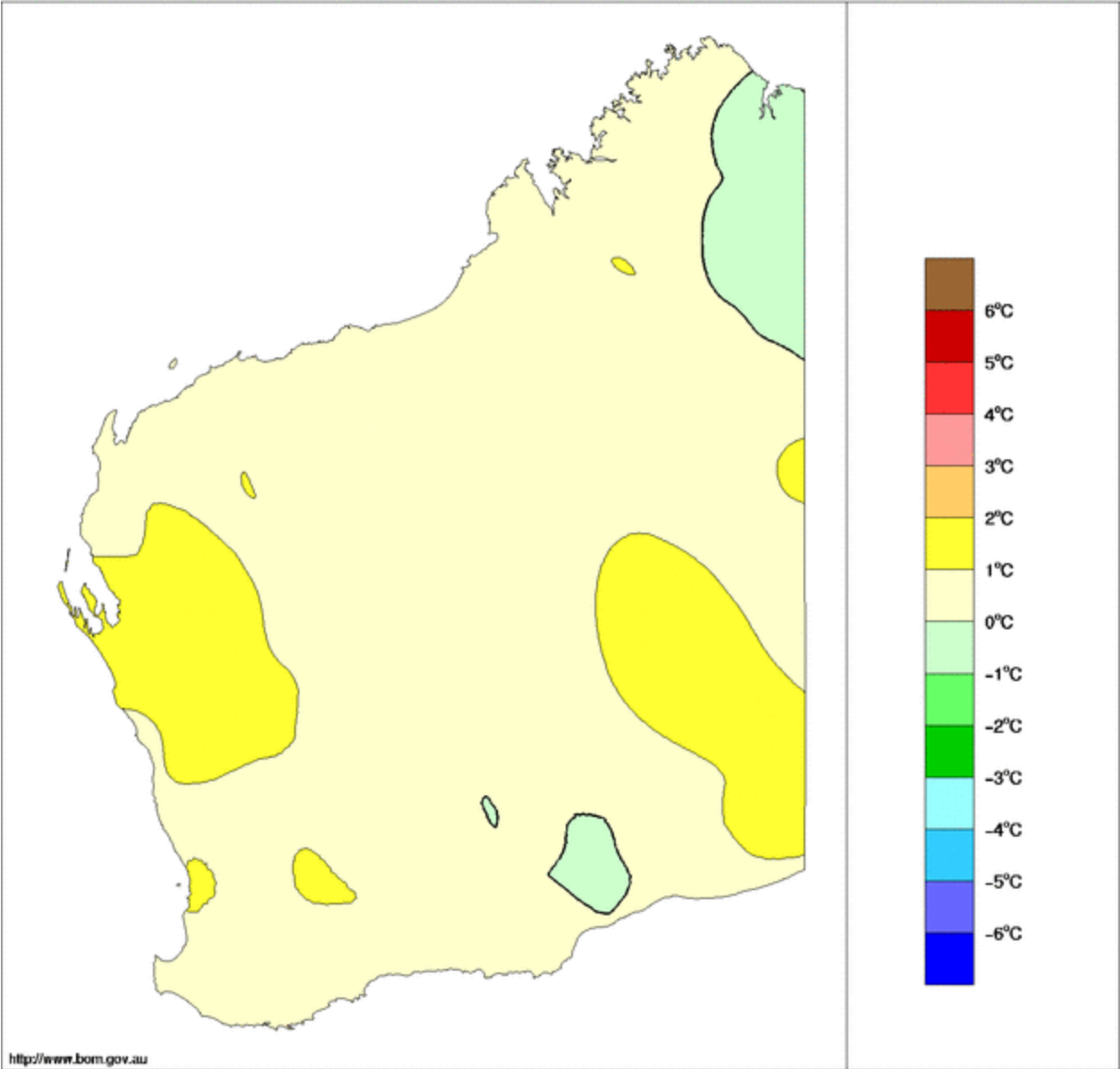


<http://www.bom.gov.au>

Rainfall Relative to Historical Records June 2013 to May 2014



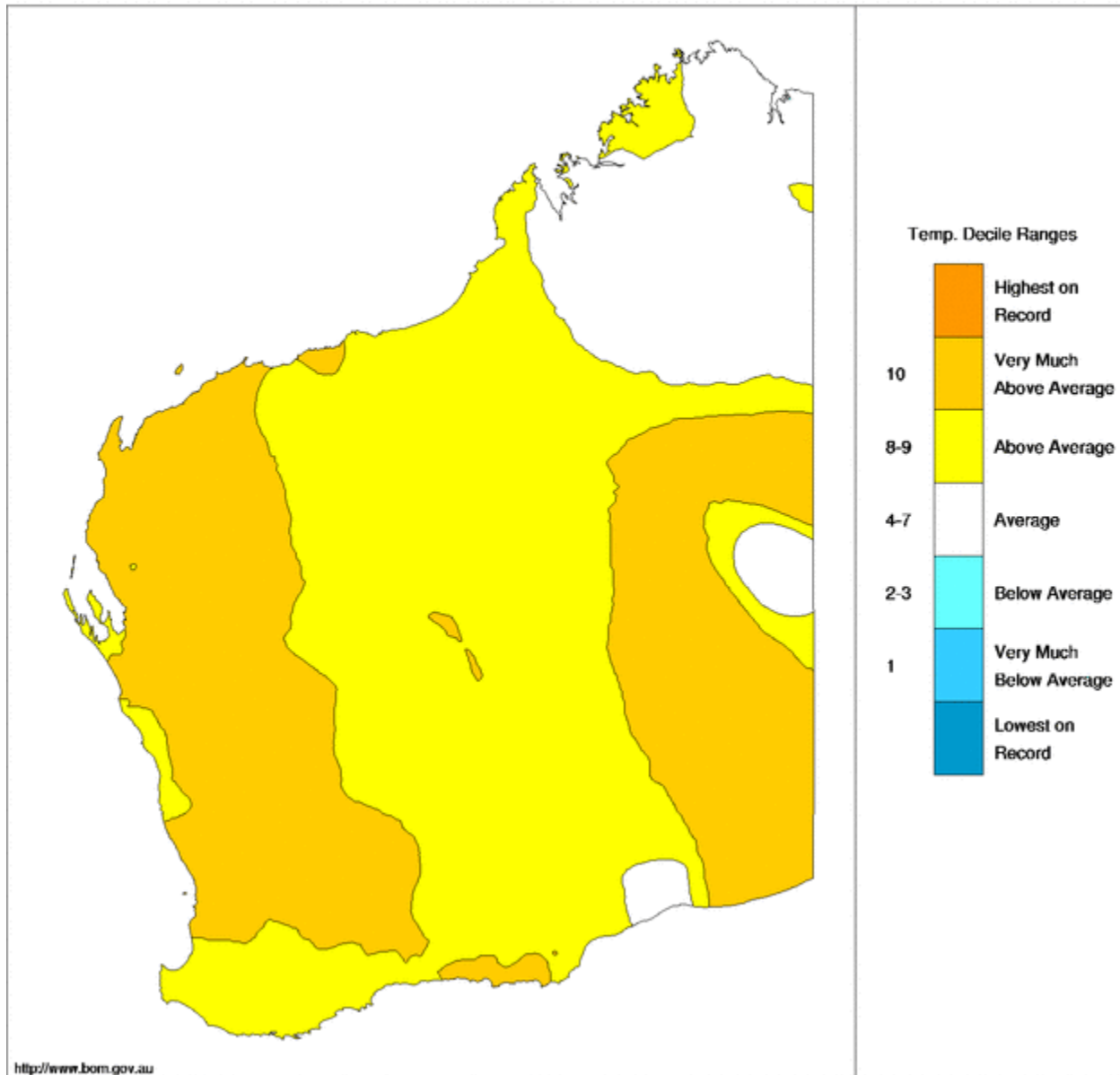
Mean Temperature Anomaly (°C) 1 December 2013 to 31 May 2014
Product of the National Climate Centre



<http://www.bom.gov.au>

Minimum Temperature Deciles 1 December 2013 to 31 May 2014

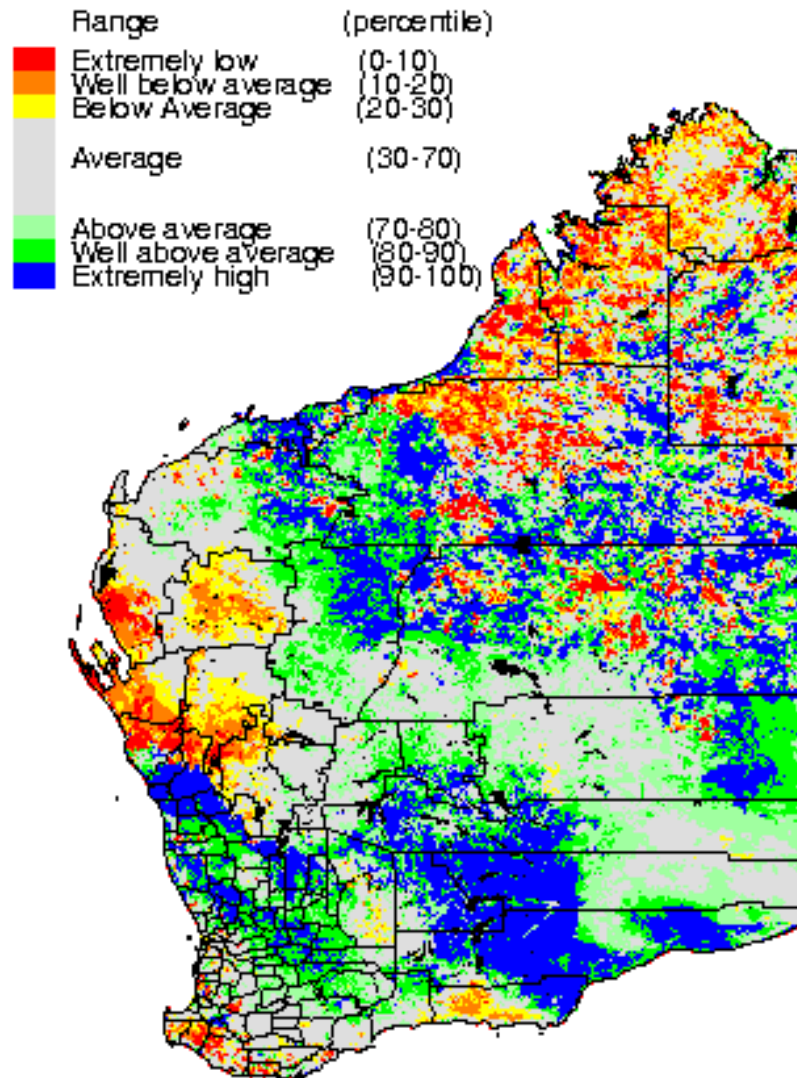
Distribution Based on Gridded Data
Product of the National Climate Centre



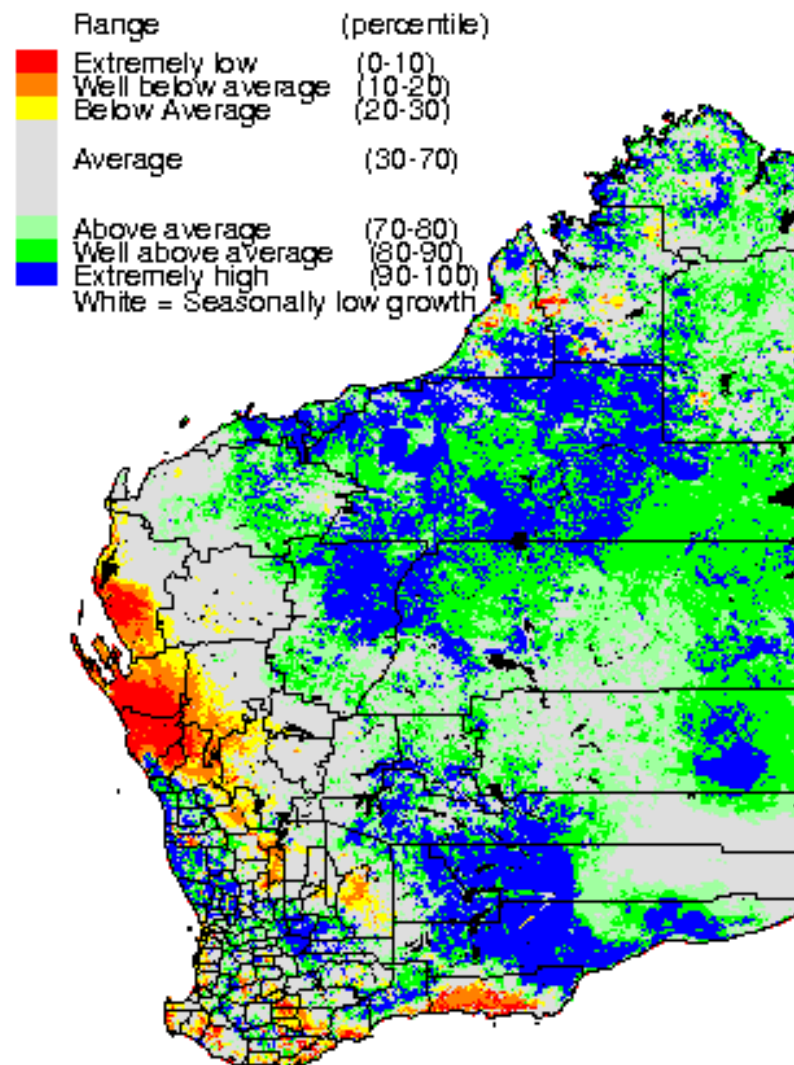
<http://www.bom.gov.au>

TSDM Relative to Historical Records from 1957

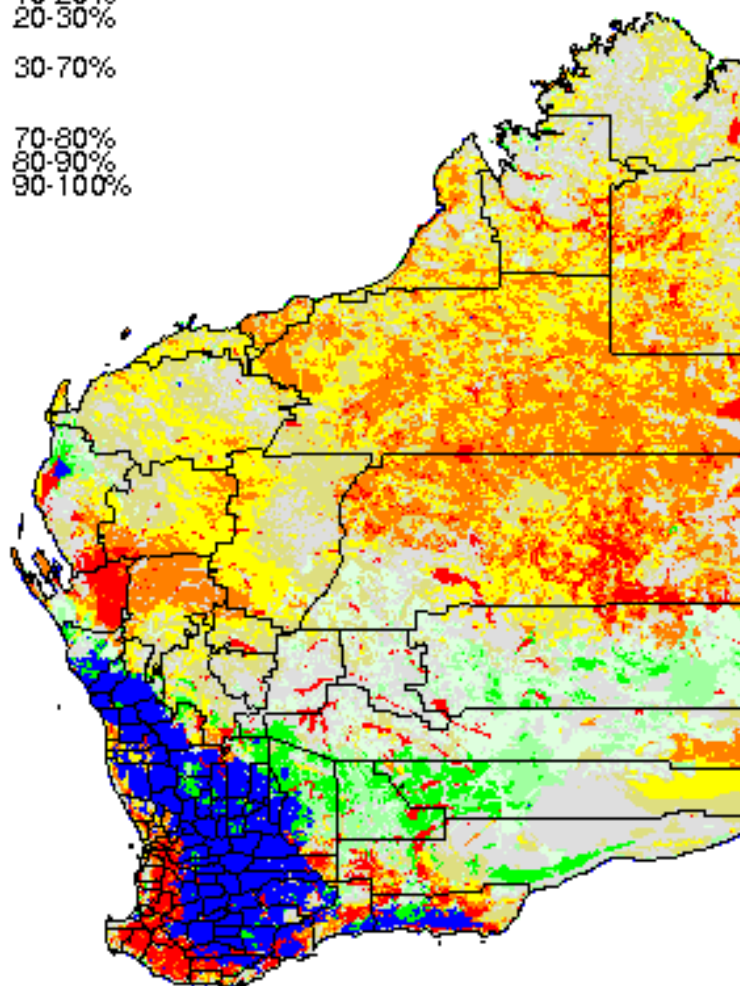
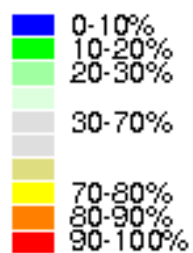
May 2014



Pasture Growth Relative to Historical Records from 1957 June 2013 to May 2014



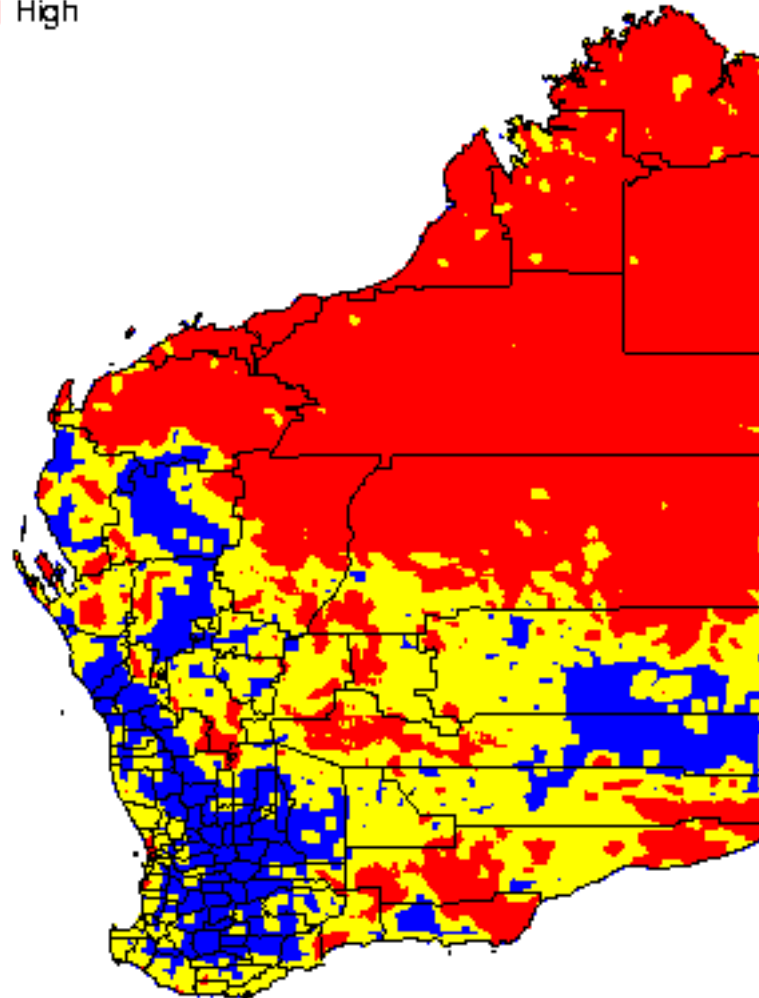
Curing Index May 2014



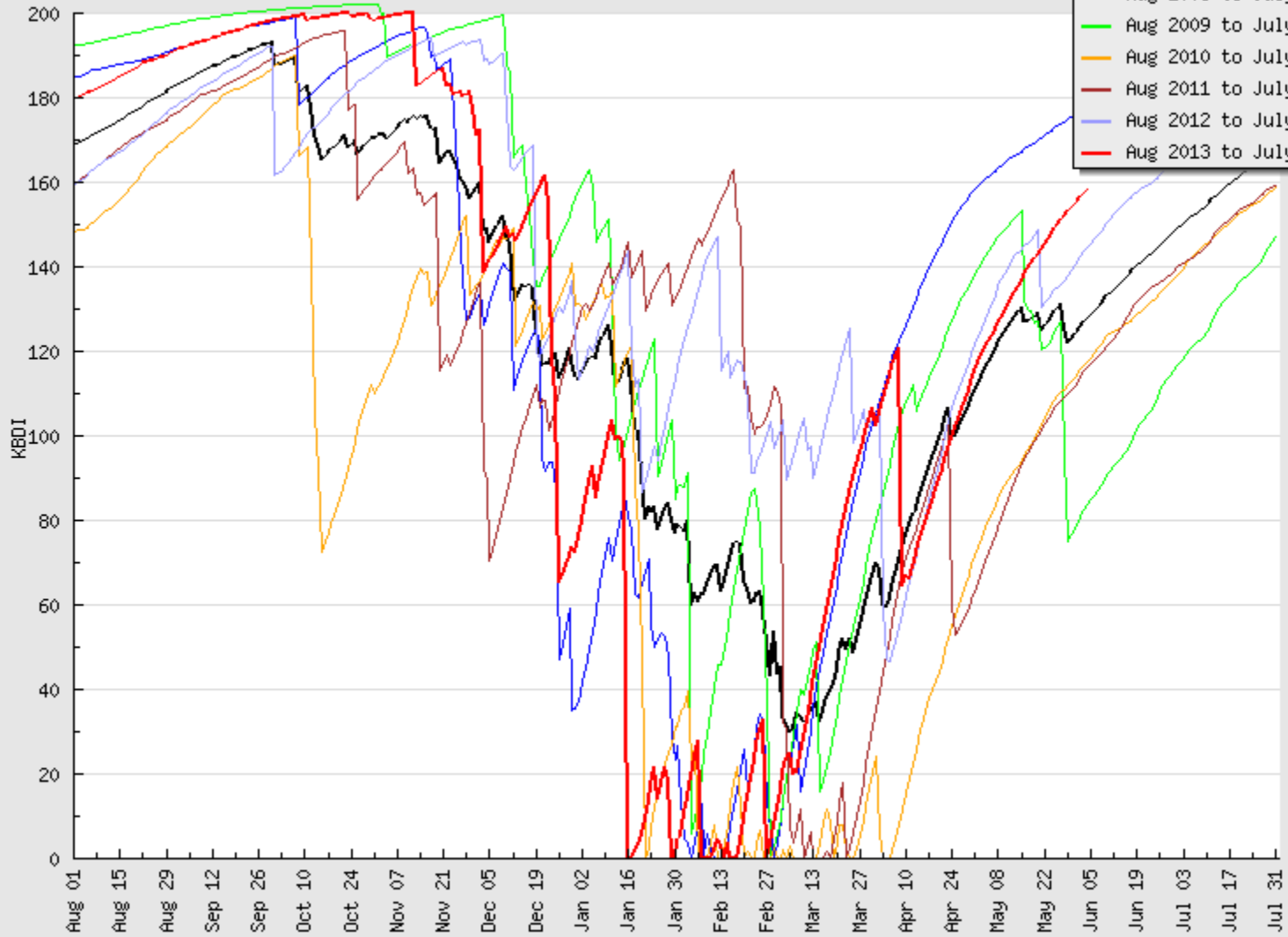
www.LongPaddock.qld.gov.au

Potential Grassfire Risk May 2014

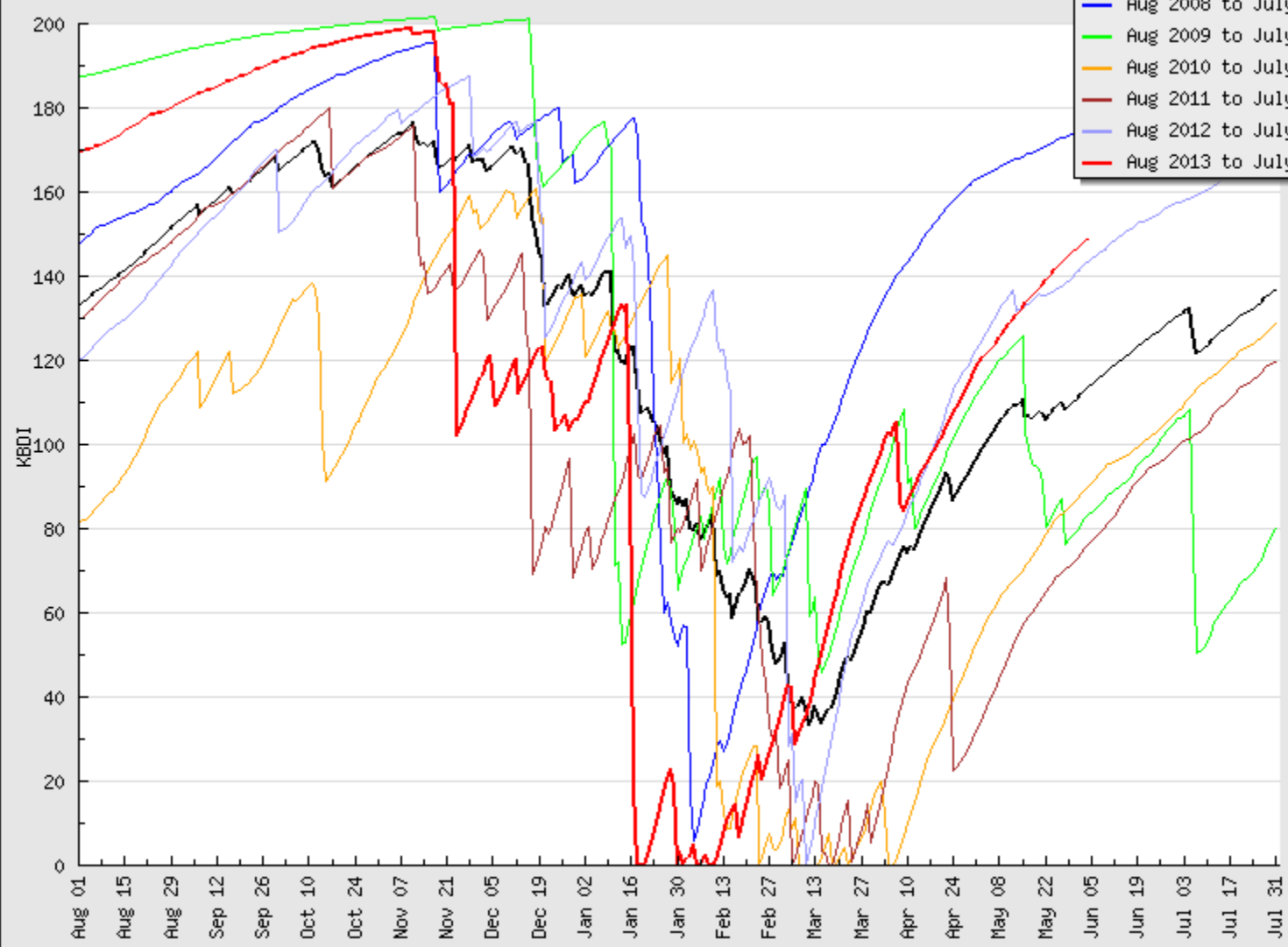
Low
Moderate
High



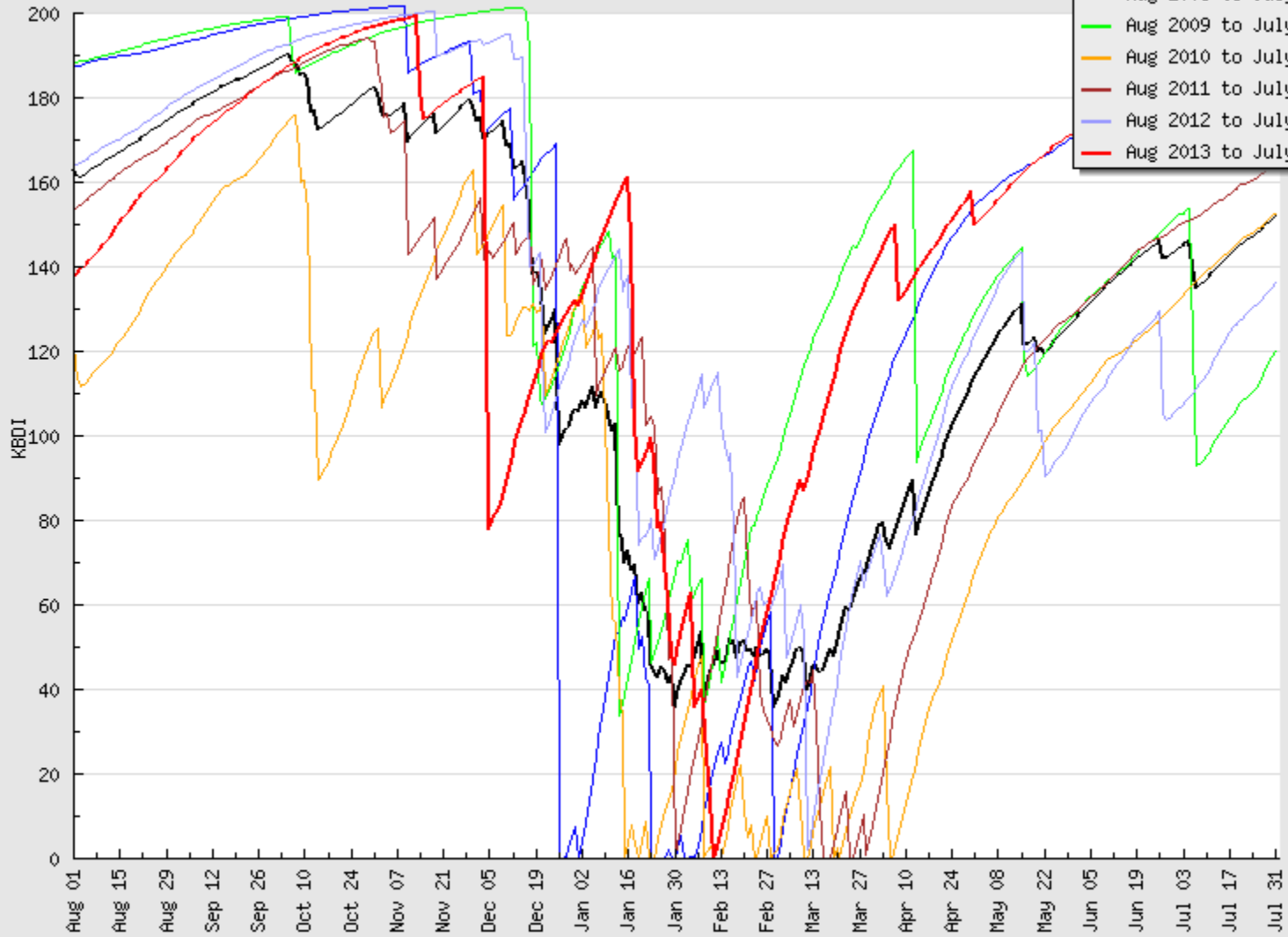
Argyle Airport - KBDI



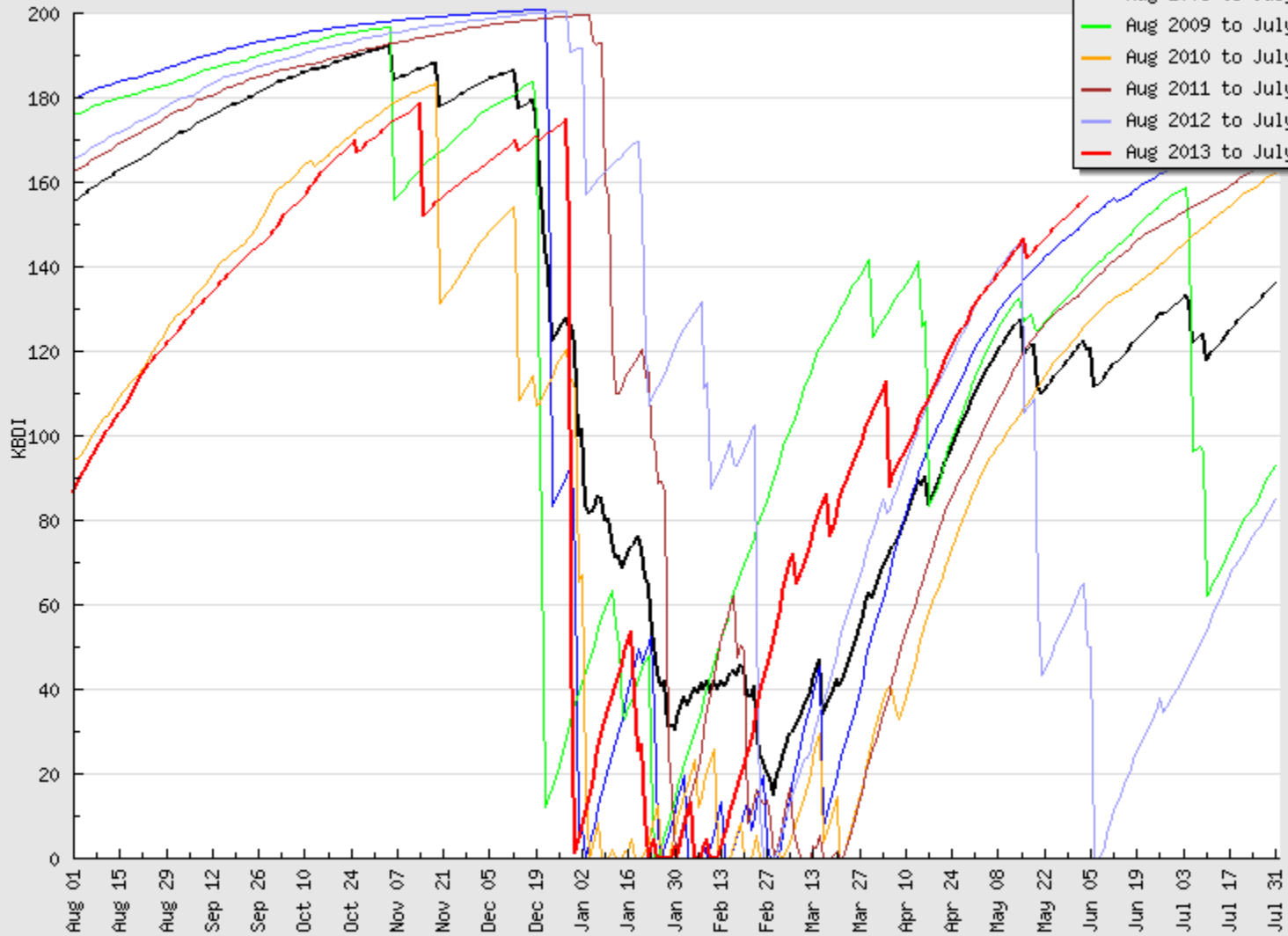
Halls Creek Airport - KBDI



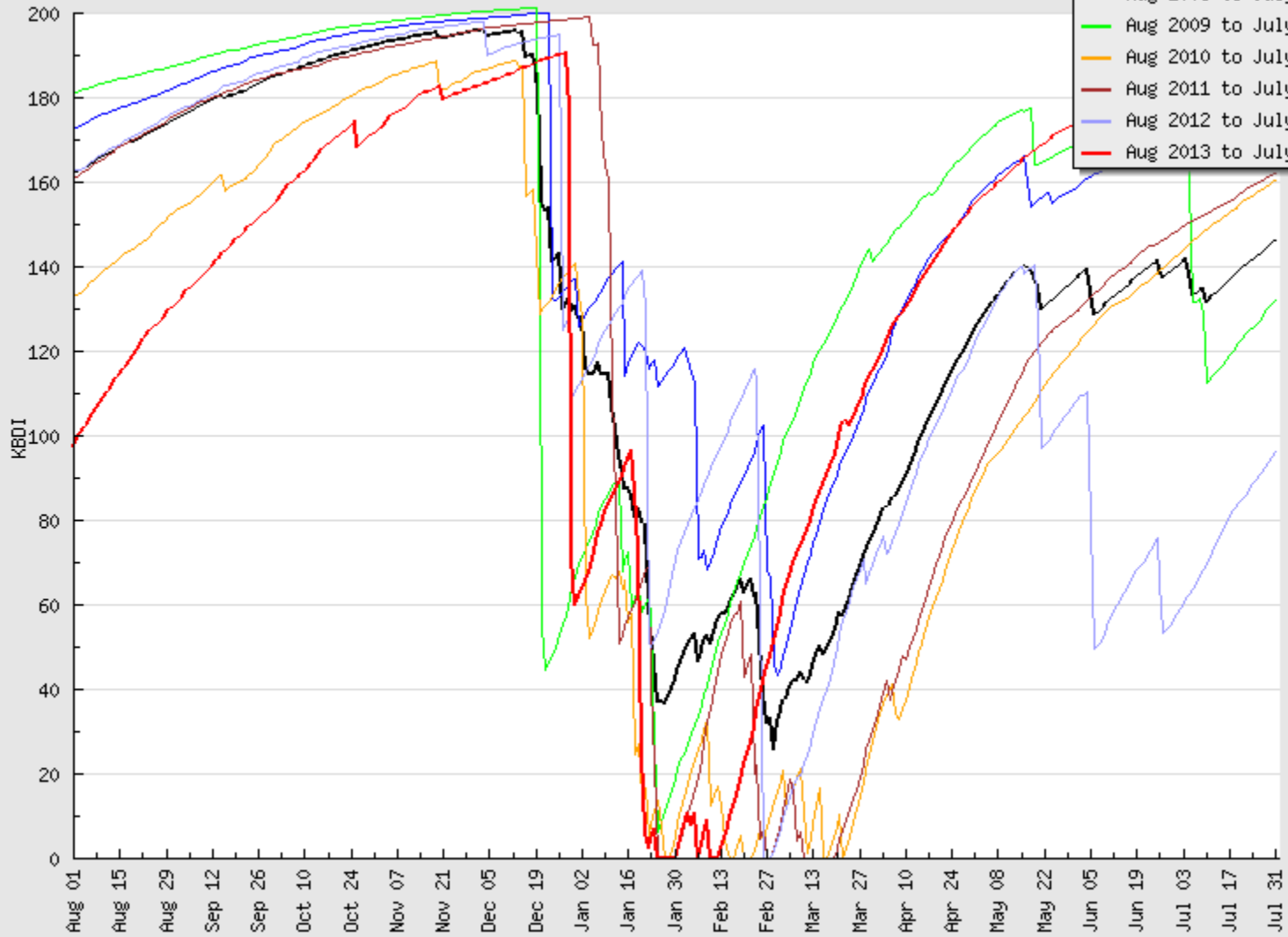
Fitzroy Crossing Airport - KBDI



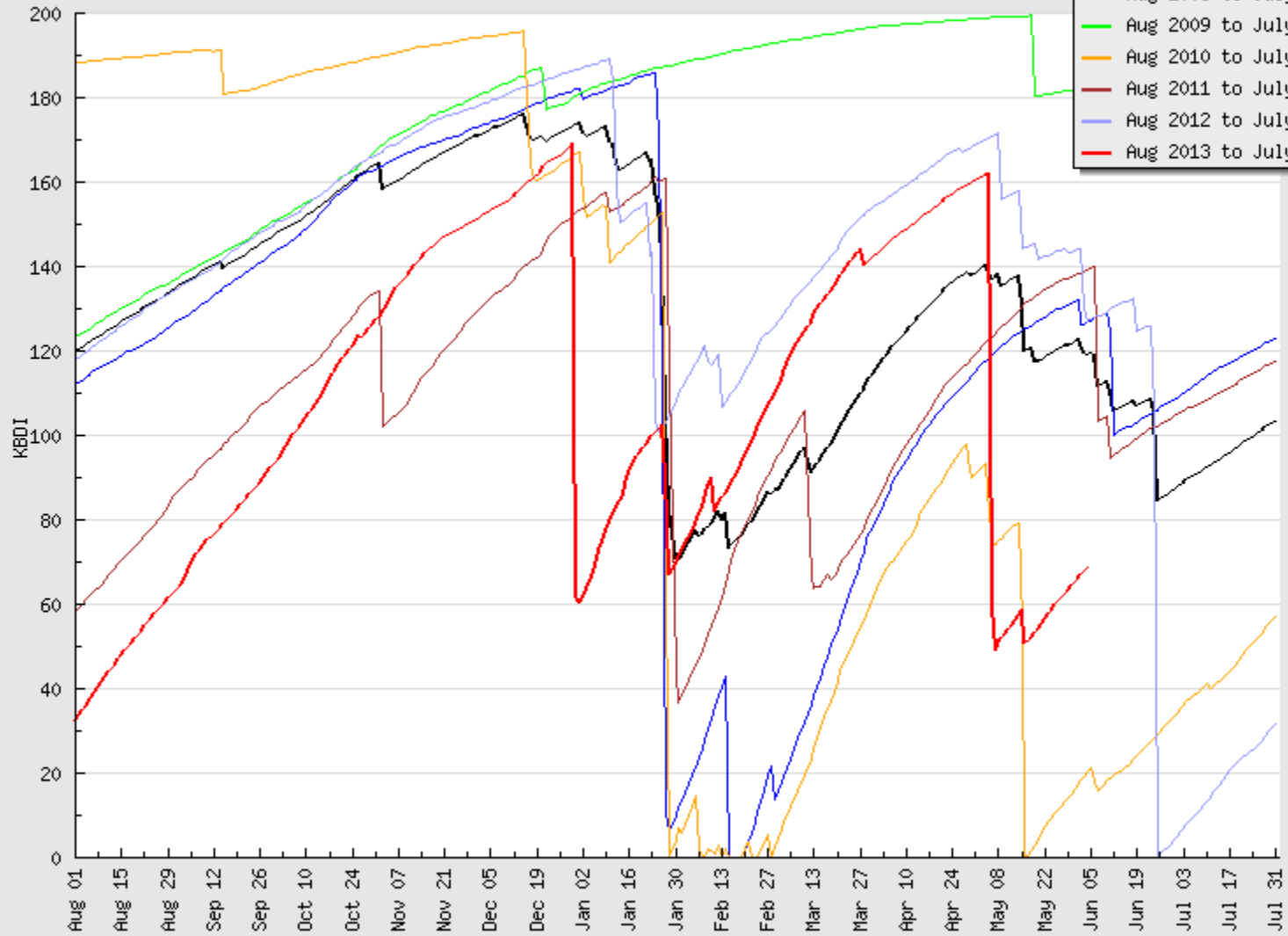
Broome Airport - KBDI



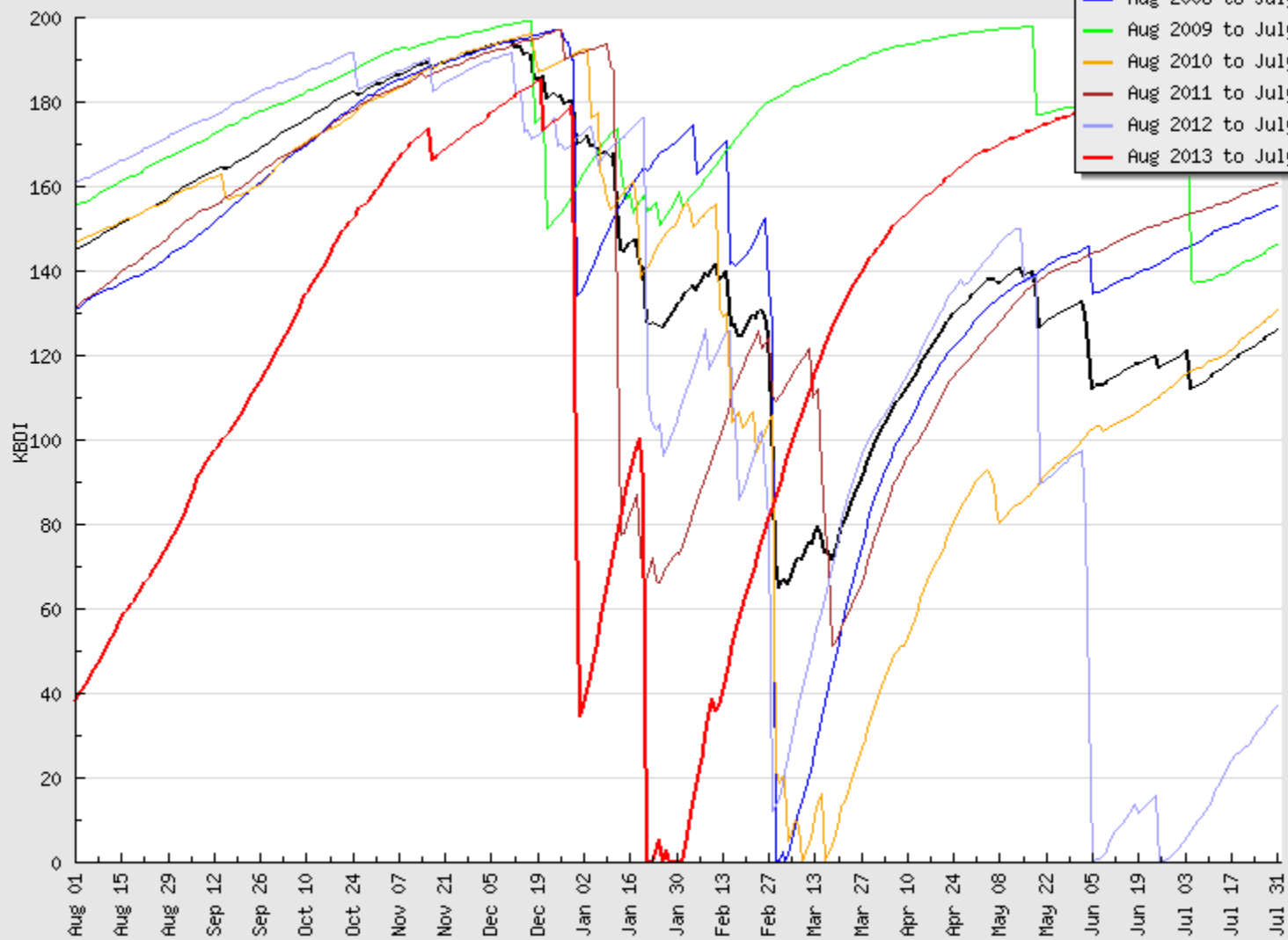
Bidyadanga - KBDI



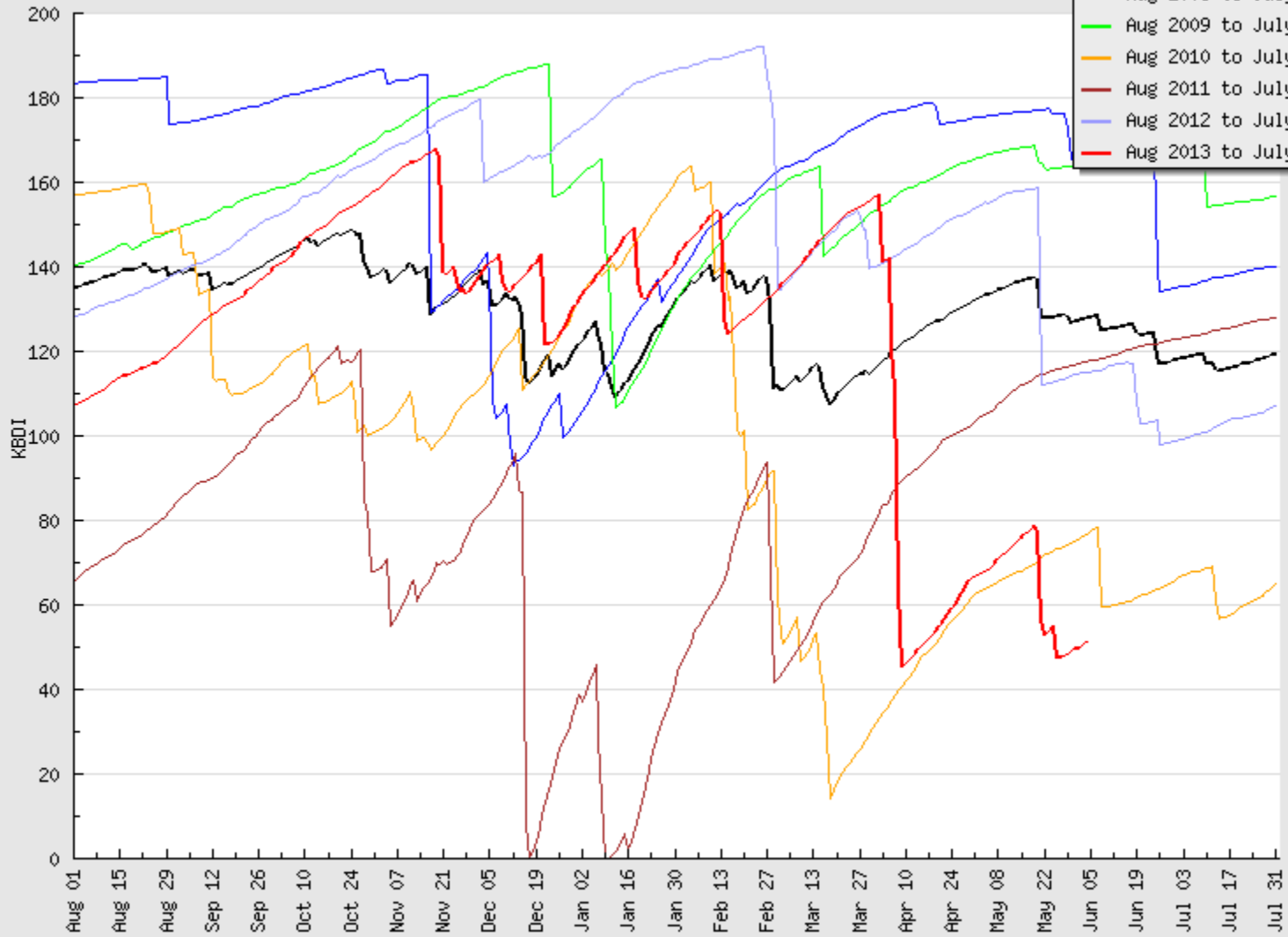
Karratha Airport - KBDI

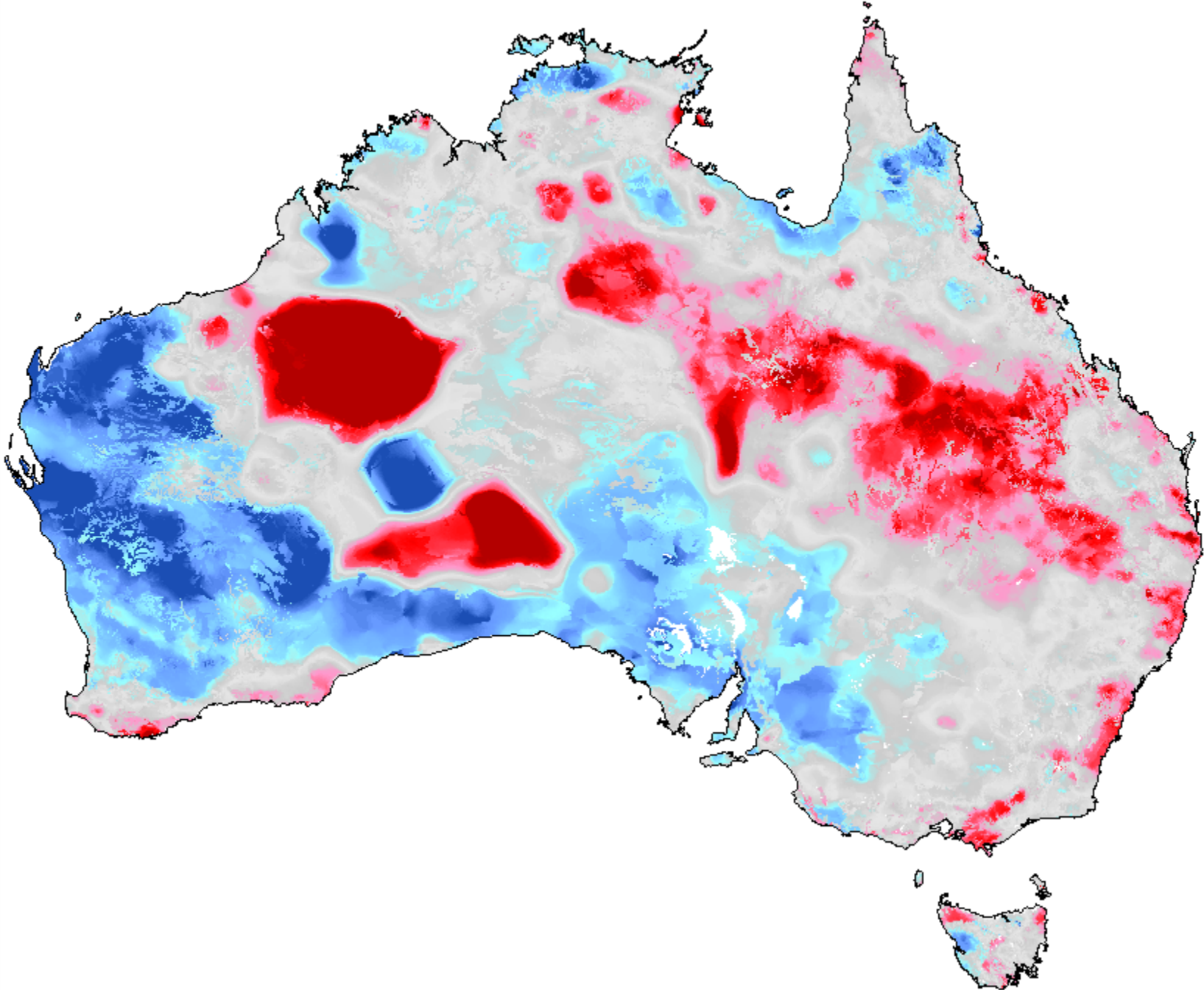


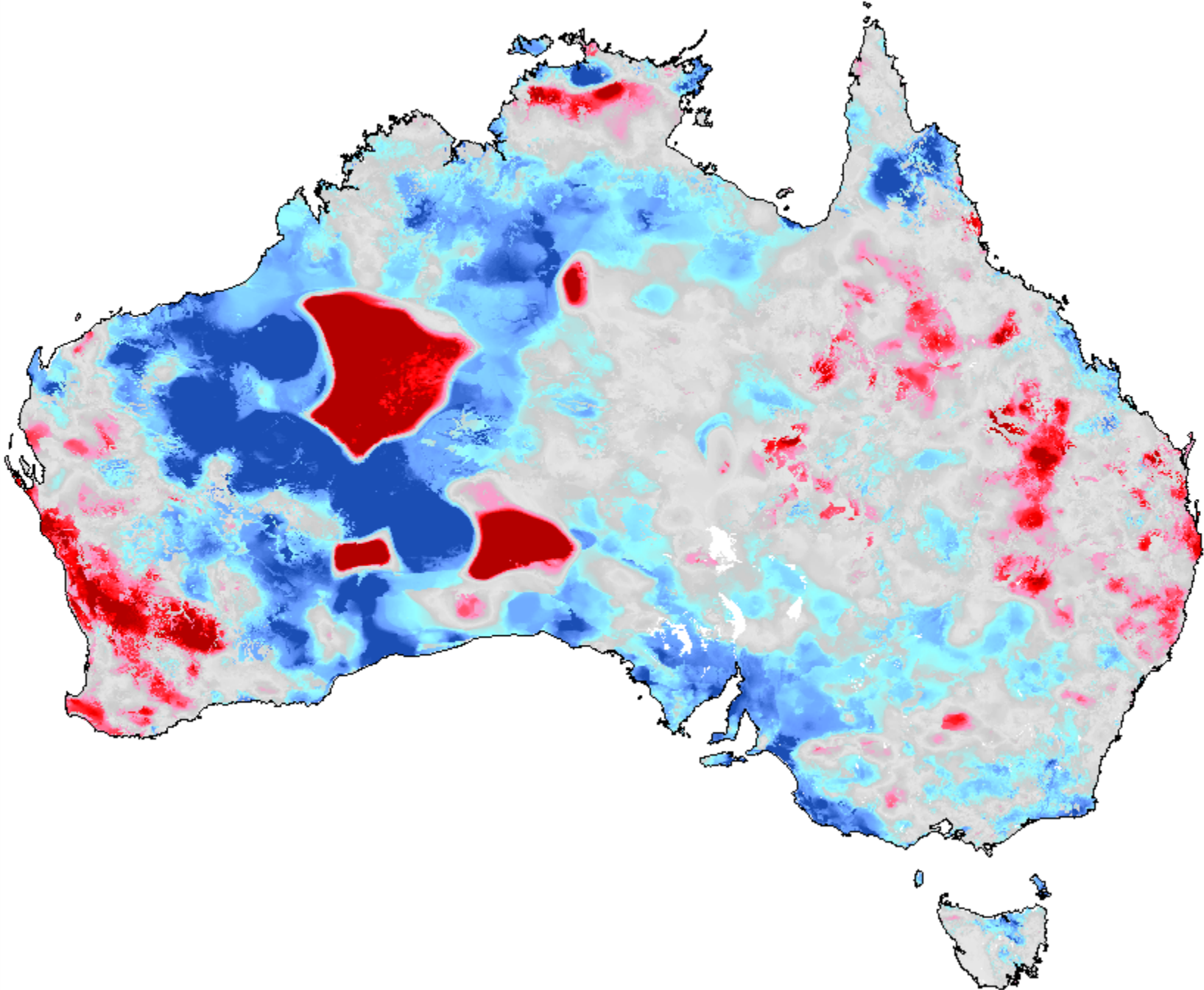
Marble Bar - KBDI



Giles - KBDI







Summary

- Around one third (32) of the Kimberley pastoralists involved in the DFES ACB program
- Highway vegetation near Derby was subject to early dry season mosaic burnt
- Heavy grass fuel loads in much of the Kimberley and the Pilbara

A satellite image of a cyclone or storm system over the ocean, showing a distinct eye and spiral cloud bands. The image is in grayscale and serves as a background for the text.

Seasonal Assessment 2014

Western Australia

Summary of current conditions for northern regions of WA

BoM Forecast Areas	IBRA Region	Wet Season Rainfall ↑ or ↓ or -	Fuel^[1] W/F/T/S	Fuel^[2] Grass	High Risk Period	Dry Season Outlook^[3]
Kimberley	Mitchell	↓	W	Y	July - Nov	Above average
Kimberley	Berkley	↓	W	Y	July – Nov	Above average
Kimberley	Victoria Bonaparte	↓	W	Y	July – Nov	Above average
Kimberley	Pentecost	↓	W	Y	July – Nov	Above average
Kimberley	Ord	-	W	Y	July – Nov	average
Kimberley	Mount Eliza	-		Y	July – Nov	average
Kimberley	Fitzroy Trough	-	W	Y	July – Nov	average
Kimberley	Pindanland	-	W	Y	July – Nov	average
Kimberley	Hart	↑	-	Y	July – Nov	Above average
Kimberley / Northern Interior	McLarty	↑	-	Y	Nov - Feb	Above average
Kimberley	South Kimberley Interzone	↑	W	Y	July - Nov	Above average
Kimberley / Northern Interior	Tanami	↑	T	Y	Aug - Dec	Above average

Interior / Eastern Pilbara	Mackay	↑	T	Y	Aug - Dec	Above average
Pilbara	Chichester	-	T	Y	May - December	average
Pilbara	Roebourne	-	W	Y	Oct - Feb	average
Pilbara	Hamersley	-	W	Y	May – December	Average
Pilbara / North West Gascoyne	Cape Range	-	S	N	Nov- April	Average
Pilbara / Northern Gascoyne	Ashburton	-	T	N	Nov- April	Average
Pilbara	Fortescue	-	T	N	Nov- April	average
Pilbara / Northwest Interior	Rudall	↑	W	N	Aug - Dec	Above average
Interior / Southeast Pilbara / Eastern Gascoyne	Trainor	↑	W	Y	Aug - Dec	Above average
Interior	Lateritic Plain	↑	W	Y	Aug - Dec	Above average
Interior	Dune Field	↑	W	Y	Aug - Dec	Above average

Wet season rainfall legend = ↑ = significantly above average; ↓ = significantly below average; - = average or close to average rainfall




^[1] W/F/T/S = woodland, forest and tall and short shrubs

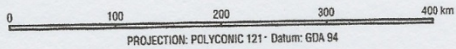
^[2] Grass = perennial both native and introduced including spinifex and annual – overstorey of <10%

^[3] Seasonal outlook – Above average = increased management issues; Average = “normal” management issues

IBRA Regions of Western Australia April 2006

LEGEND

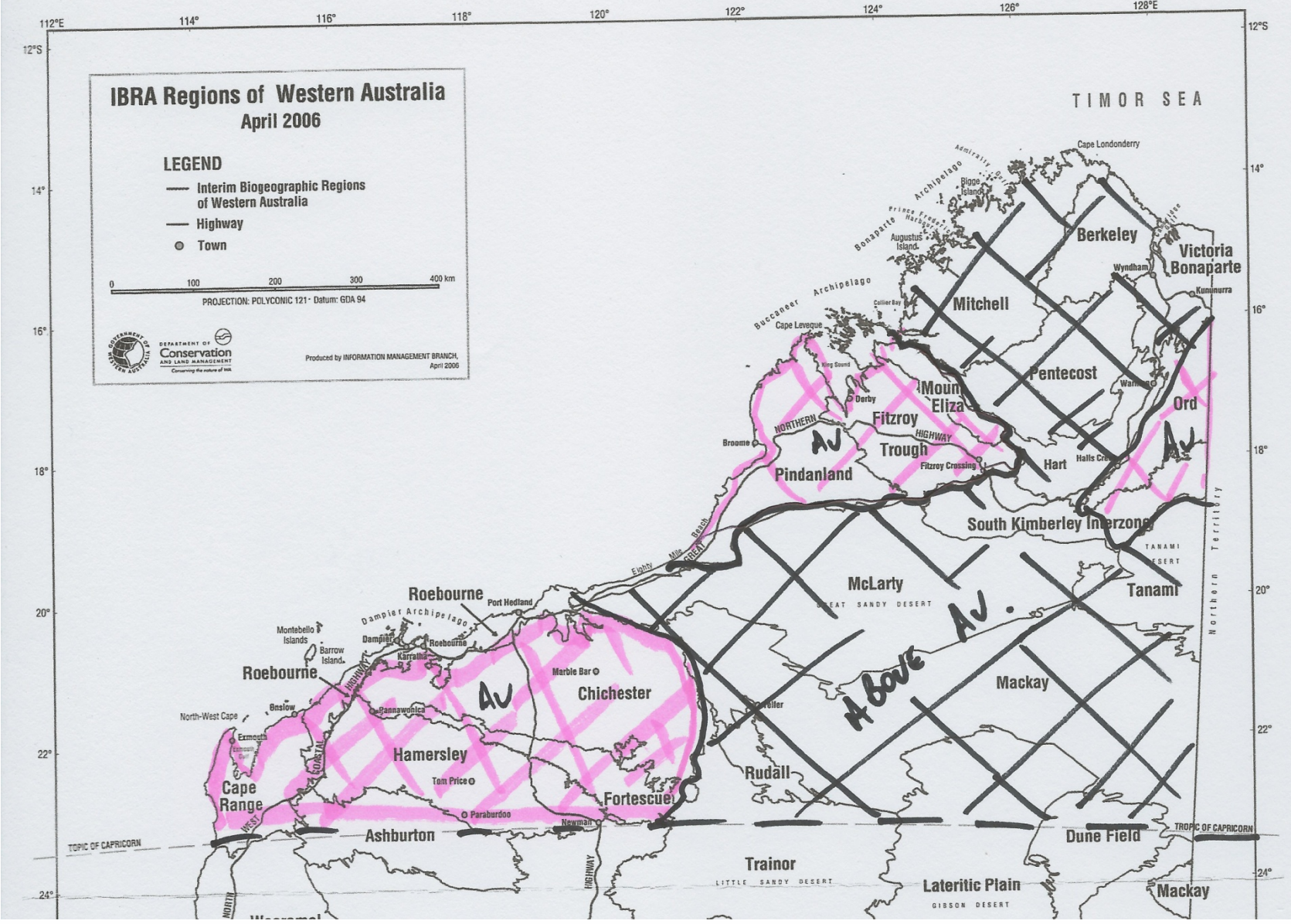
-  Interim Biogeographic Regions of Western Australia
-  Highway
-  Town



PROJECTION: POLYCONIC 121 - Datum: GDA 94



Produced by INFORMATION MANAGEMENT BRANCH
April 2006



Regional Summary for Western Australia

Kimberley: Overall there is basically an above average bushfire potential in the central region. The areas to the east and west of the central zone are of average potential. This assessment is cognisant of the increased prescribed burning planned or has been undertaken across the region.

Pilbara/Nthn Goldfields: In general, rainfall across the Pilbara has been average or above average. Due to the rainfall patterns there is an above average bushfire potential in the central and eastern region. The outlook potential is for basically an average season on the western side of the central zone.

Defining Bushfire Potential

Bushfire potential depends on many factors including climate and weather, fuel abundance and availability, recent fire history, and available fire-fighting resources. The Kimberley and Pilbara are fire-prone landscapes and it is normal for bushfires to occur each year. Above-normal bushfire potential is the chance of fires occurring that may be complex, protracted or could require resources beyond the local capacity.