

CHART DISCUSSION 14-Nov-2025

Melbourne Long Range Forecast for the Upcoming Period



Temperatures for the Melbourne observation site (at Olympic Park) are in brackets.

Day & Date	Morning	Afternoon	Min Temp (deg C)	Max Temp (deg C)	Precip Amount (mm)	Precip Prob (%)	9am Wind/ 3pm Wind Melb Apt (km/hr)
Fri-14-11-2025	Partly Cloudy. 	Partly Cloudy. 	11.8 (11.3)	20.4 (19.3)	0	30	SSE 5 S 15 Gusts30
Sat-15-11-2025	Shower. 	Thunder. 	12.3 (11.8)	23 (22.1)	2	73	NNE 5 NE 12 Gusts40
Sun-16-11-2025	Rain. 	Thunder. 	12.6 (12.4)	20.8 (19.9)	4	84	WNW 15 WSW 20 Gusts50
Mon-17-11-2025	Rain. 	Rain. 	10.6 (10.5)	18.6 (17.3)	2.9	76	SW 15 SSW 20 Gusts45
Tue-18-11-2025	Possible Shower. 	Possible Shower. 	11.9 (11.7)	23.3 (22.3)	0	47	WNW 15 WSW 20 Gusts50
Wed-19-11-2025	Possible Shower. 	Possible Shower. 	12.9 (12.6)	21.1 (19.9)	0	41	SW 15 SSW 20 Gusts45
Thu-20-11-2025	Possible Shower. 	Possible Shower. 	11.3 (11.1)	18.9 (17.5)	0	47	SW 15 SSW 20 Gusts45
Fri-21-11-2025	Drizzle. 	Partly Cloudy. 	11.8 (11.5)	19.8 (18.3)	0.6	52	SSW 15 S 20 Gusts40
Sat-22-11-2025	Partly Cloudy. 	Sunny. 	12.3 (11.8)	21.3 (19.8)	0	19	SSW 8 S 15 Gusts30
Sun-23-11-2025	Haze. 	Haze. 	13 (12.2)	24.6 (23.3)	0	14	SSE 8 S 12 Gusts35
Mon-24-11-2025	Sunny. 	Partly Cloudy. 	13.9 (13.1)	28.6 (28.2)	0	17	NNE 20 NNE 25 Gusts55

Yesterday's Satellite Image: Thu-13-Nov-2025

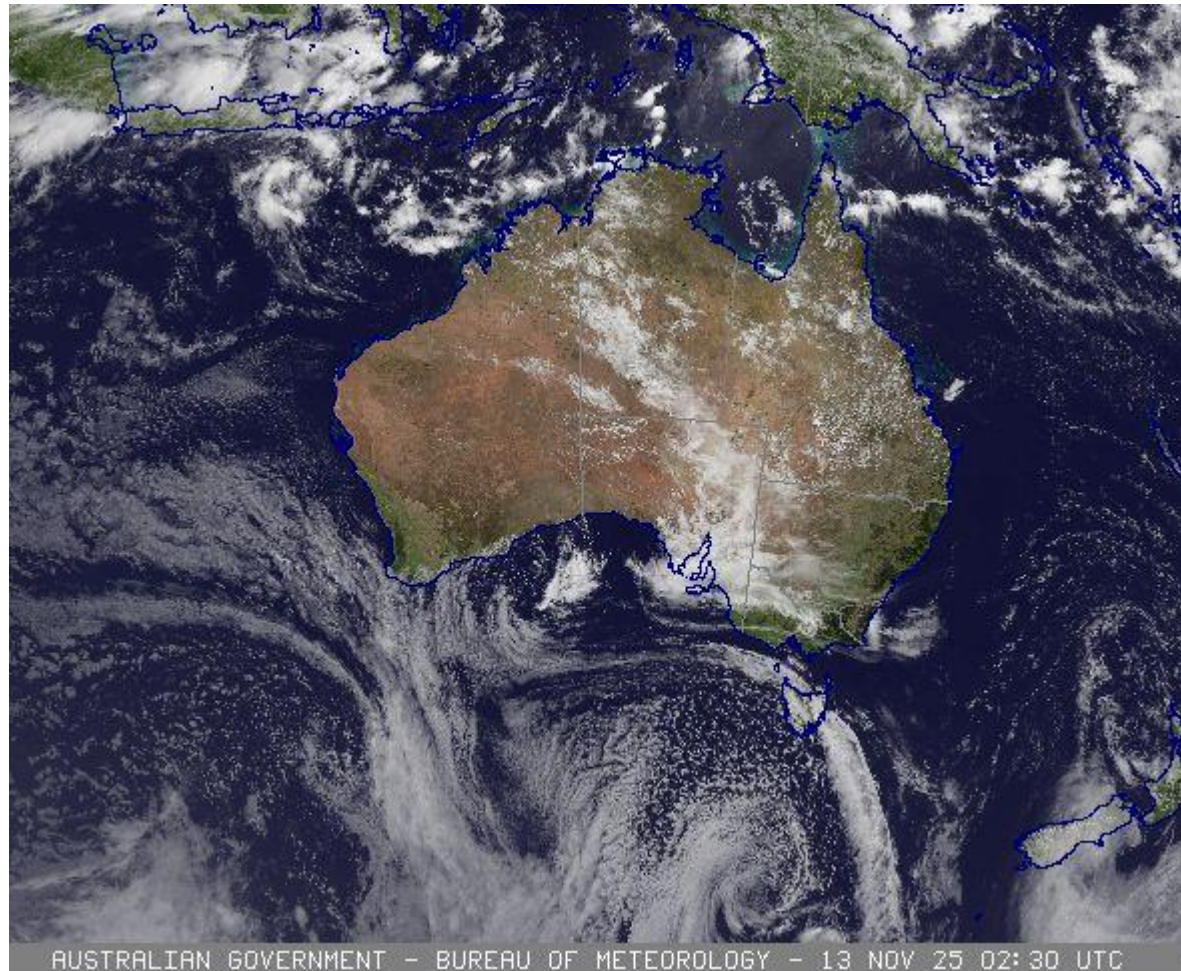


Chart Discussion: Fri-14-Nov-2025 (Harvey Stern)

http://reg.bom.gov.au/australia/charts/synoptic_col.shtml

http://reg.bom.gov.au/charts_data/IDY20002/current/pressureHgt/500hPa/IDY20002.pressureHgt-500hPa.000.png

<https://meteologix.com/au/model-charts/standard/australia/geopotential-height-500hpa.html>

Yesterday's Analyses: Thu-06-Nov-2025

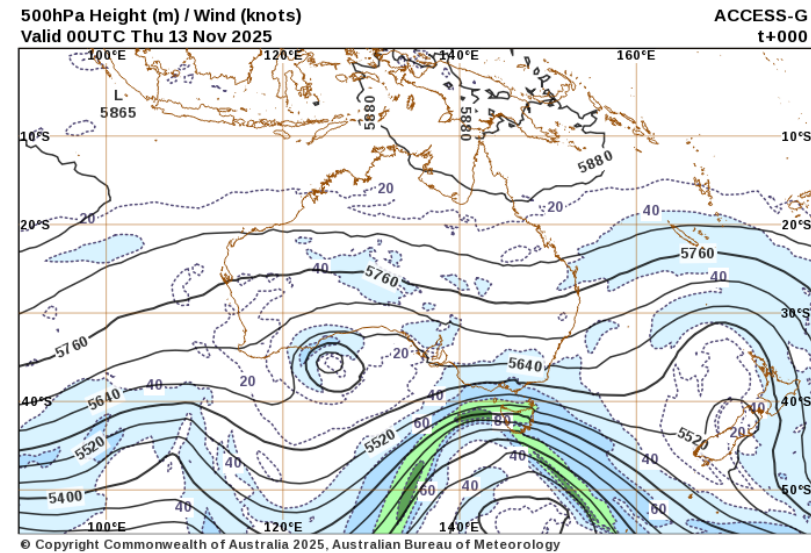
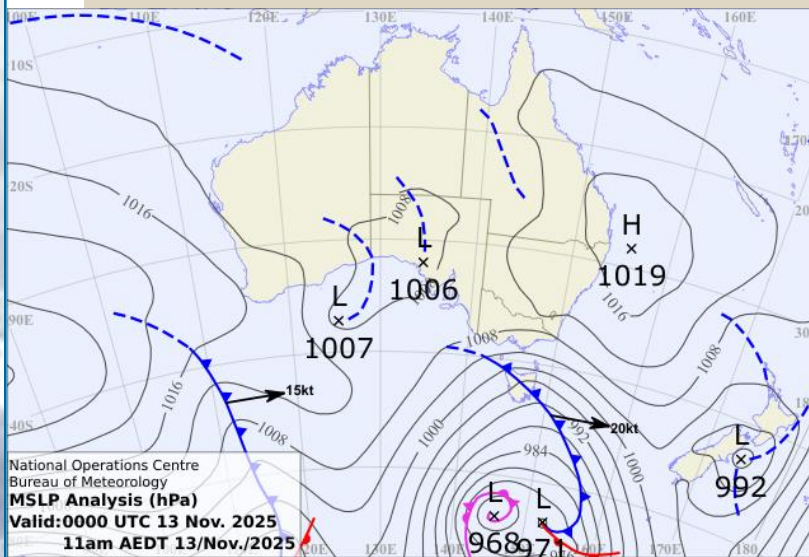
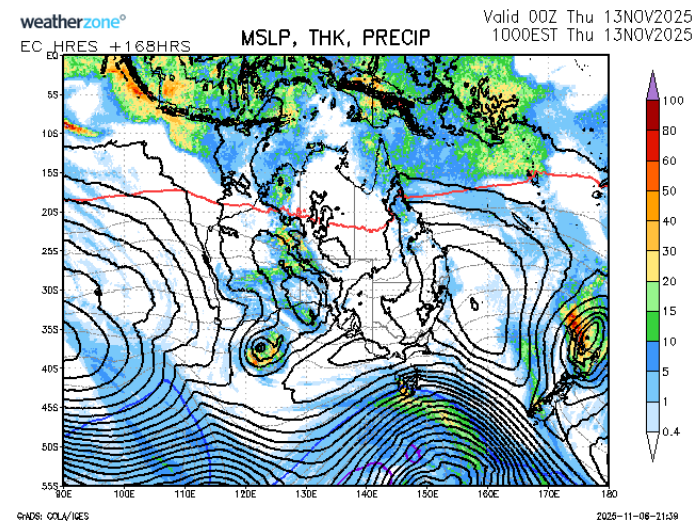
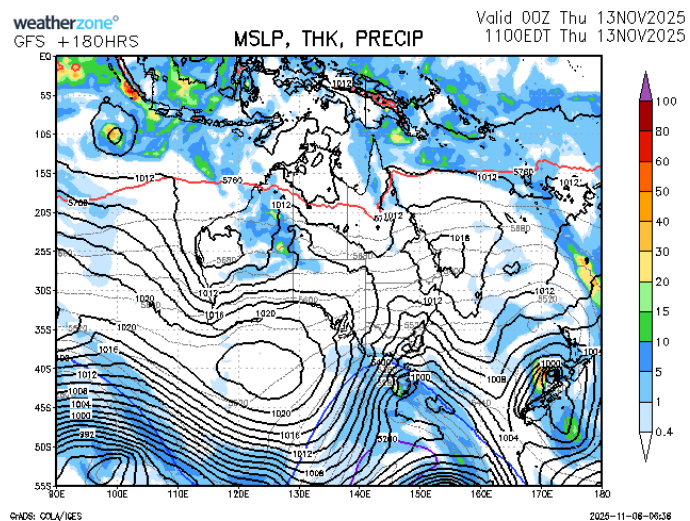
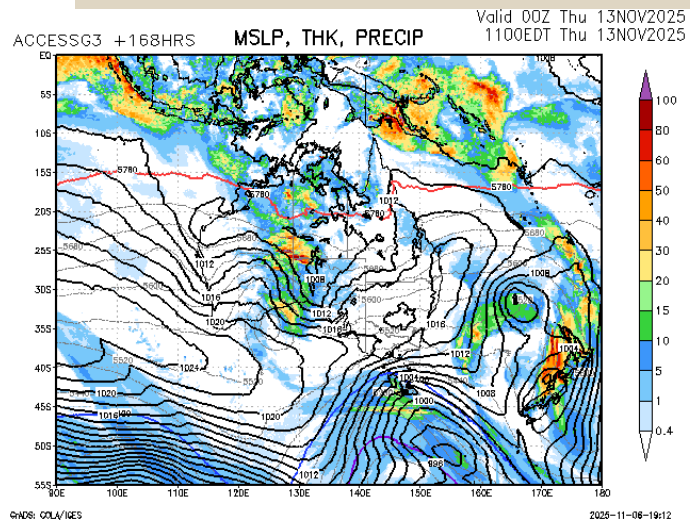


Chart Discussion: Fri-14-Nov-2025 (Harvey Stern)

NWP Models: Thu-13-Nov-2025



Next Week's BoM MSLP & Thickness Charts

Link:

<http://www.weather-climate.com/ChartsSequence1.html>

Next Week's BoM MSLP & Precip Charts

Link:

<http://www.weather-climate.com/ChartsSequence2.html>

Next Week's BoM 850 hPa Temp Charts

Link:

<http://www.weather-climate.com/ChartsSequence3.html>

Next Week's BoM Jet Stream Charts

Link:

<http://www.weather-climate.com/ChartsSequence4.html>

Climate Indices (1)

Current sea surface temperature anomaly distribution:

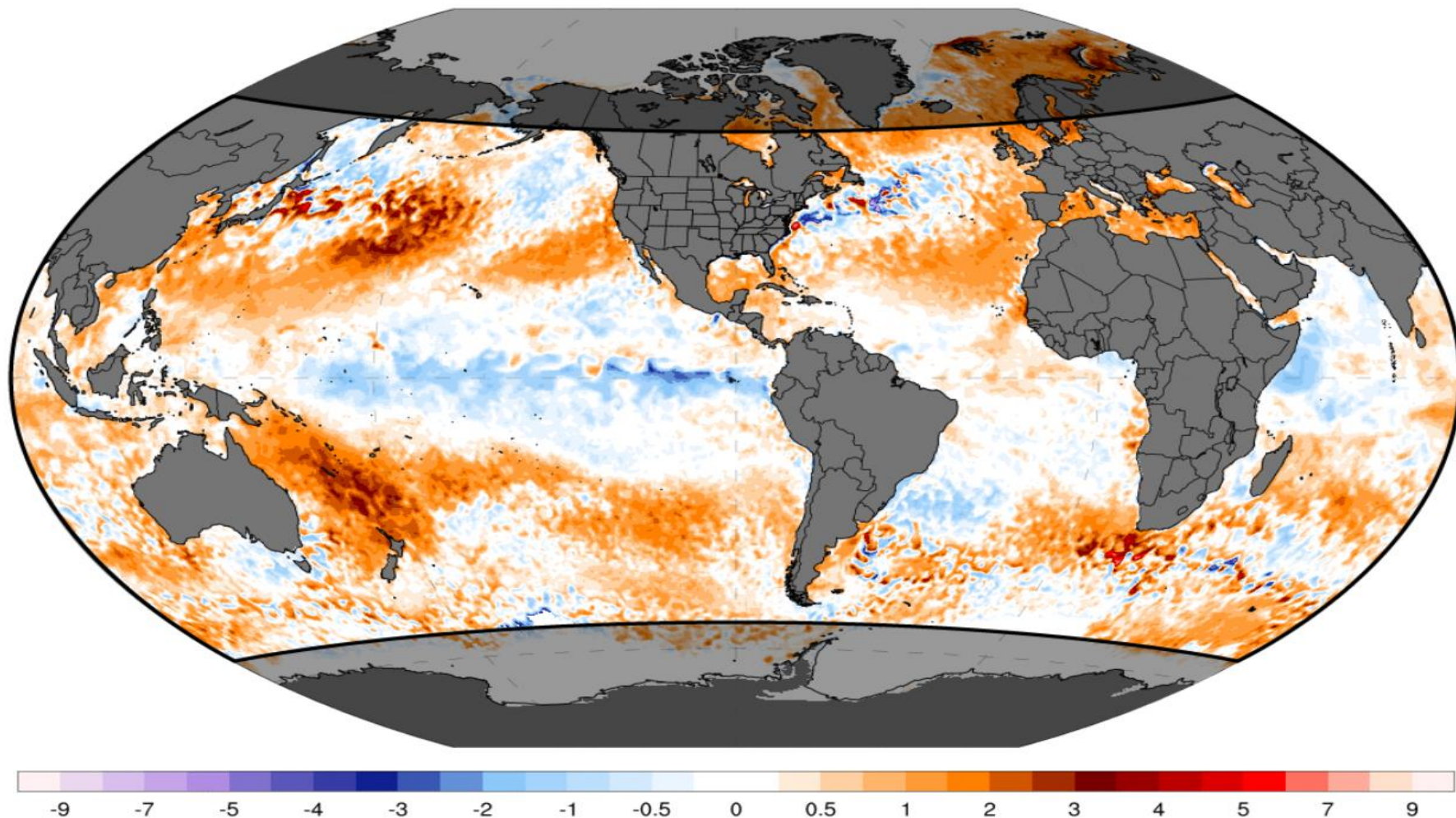
http://www.cpc.ncep.noaa.gov/products/analysis_monitoring/enso_update/qsstanim.gif

https://climatereanalyzer.org/clim/sst_daily/?dm_id=world2

NOAA OISST V2.1 SST Anomaly (°C) [1991-2020 baseline]

Tue, Nov 11, 2025 | preliminary

ClimateReanalyzer.org
Climate Change Institute | University of Maine



Climate Indices (2)

Current sea surface temperature distribution:

http://www.cpc.ncep.noaa.gov/products/analysis_monitoring/enso_update/qsstanim.gif

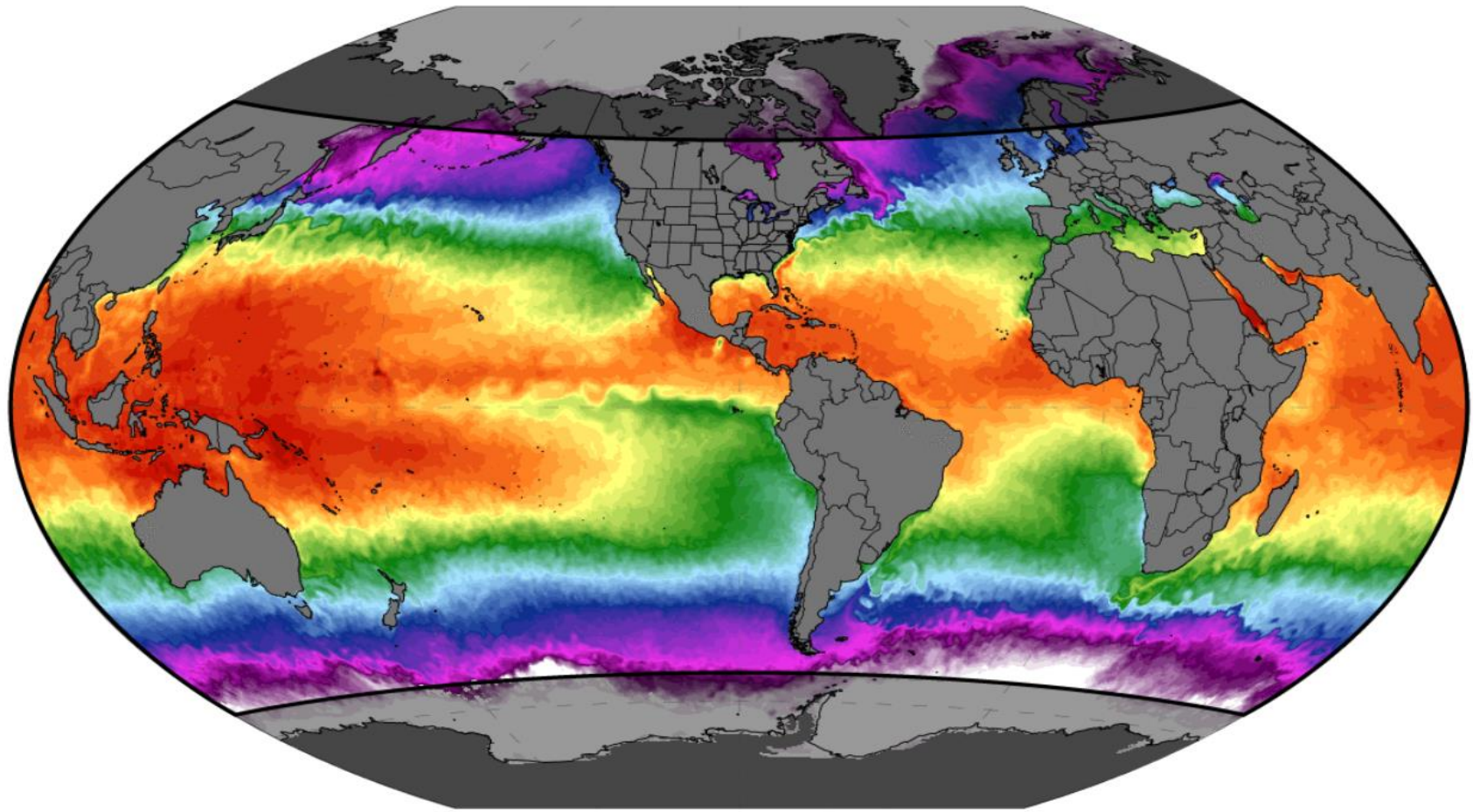
https://climatereanalyzer.org/clim/sst_daily/?dm_id=world2

NOAA OISST V2.1 Sea Surface Temperature (°C)

Tue, Nov 11, 2025 | preliminary

ClimateReanalyzer.org

Climate Change Institute | University of Maine



Climate Indices (3)

<https://psl.noaa.gov/enso/mei/> <https://www.longpaddock.qld.gov.au/soi/> <http://reg.bom.gov.au/climate/enso/indices.shtml?bookmark=ioid>

<http://reg.bom.gov.au/climate/mjo/>

<http://reg.bom.gov.au/climate/enso/#tabs=Pacific-Ocean&pacific=SOI>

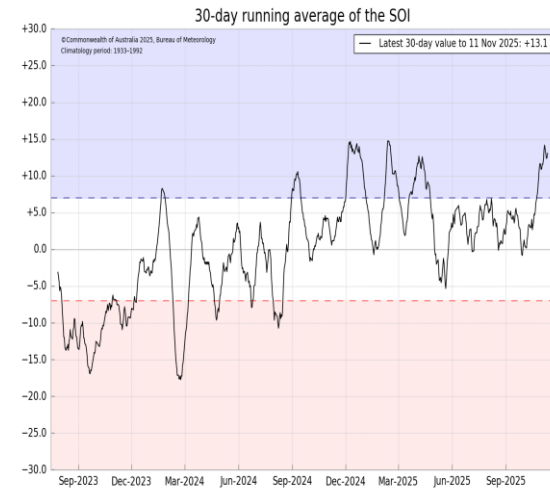
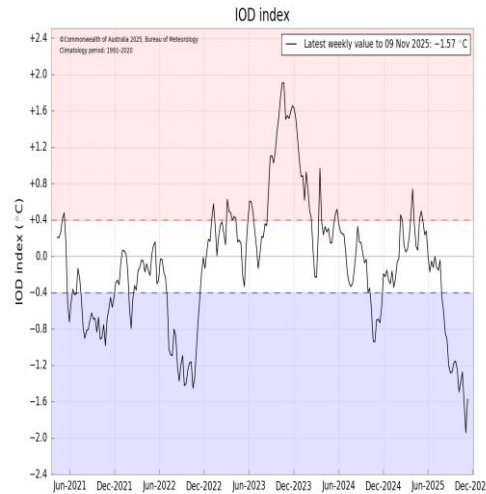
<http://reg.bom.gov.au/climate/enso/indices.shtml?bookmark=ioid>

Multivariate Enso Index = -1.31

Indian Ocean Dipole= -1.57 deg C

S O I +13.1 (30) +6.61 (90)

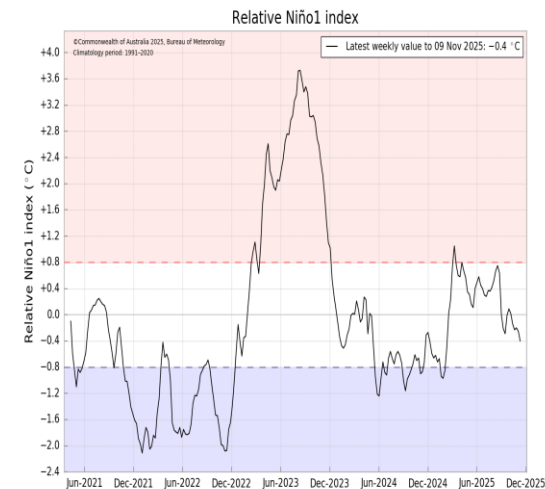
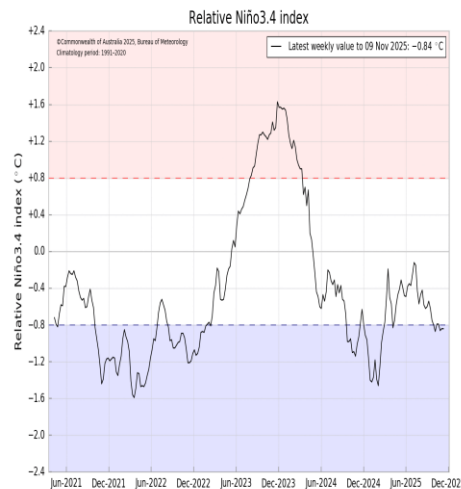
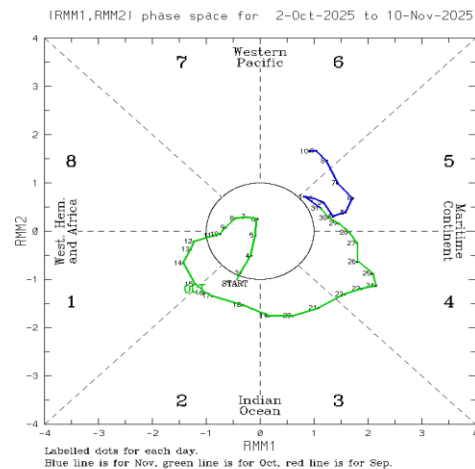
n/a



MADDEN JULIAN OSCILLATION: 6 W Pacific O

SST IN CENTRAL PACIFIC: -0.84 deg C

SST CLOSE TO SOUTH AMERICA: -0.40 deg C



Seasonal Outlook for Victoria

The average Indian Ocean Dipole Mode Index for the past week is -1.57 (-3.02 standard deviations), the average Southern Oscillation Index (SOI) for the past 90 days is 7.37, the average SOI for the past 30 days is 13.1, and the latest recorded bimonthly Multivariate ENSO Index (MEI) is -1.31. The expected MEI, adjusted by the Indian Ocean Dipole Mode Index and also by recent values of the SOI, for OCT/NOV is -2.16.

Such a value of MEI indicates a sea surface temperature distribution that corresponds to a La Niña. This suggests:

RAINFALL: There is an enhanced chance that total DEC/JAN/FEB rainfall will be above normal in the NORTHERN COUNTRY and NORTHEAST Districts, there is a slightly enhanced chance that rainfall will be above normal in the WEST GIPPSLAND District, there is a very slightly enhanced chance that rainfall will be above normal in the NORTH CENTRAL and EAST GIPPSLAND Districts, but there is little indication as to whether rainfall will be below, near or above normal in other Victorian Districts.

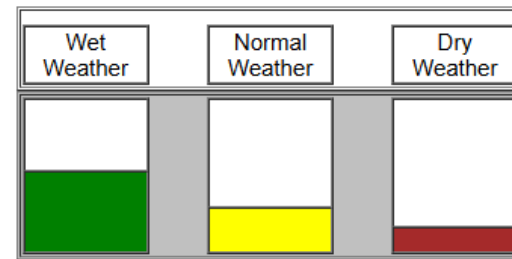
OVERNIGHT TEMPERATURES: There is an enhanced chance that average DEC/JAN/FEB overnight temperatures will be below normal in the WIMMERA District, there is a very slightly enhanced chance that overnight temperatures will be above normal in the NORTH CENTRAL, EAST GIPPSLAND, WEST GIPPSLAND and CENTRAL Districts, but there is little indication as to whether overnight temperatures will be below, near or above normal in other Victorian Districts.

DAYTIME TEMPERATURES: There is an enhanced chance that average DEC/JAN/FEB daytime temperatures will be below normal in the NORTHERN COUNTRY and WEST GIPPSLAND Districts, there is a slightly enhanced chance that daytime temperatures will be below normal in the NORTHEAST District, there is a very slightly enhanced chance that daytime temperatures will be above normal in the CENTRAL District, but there is little indication as to whether daytime temperatures will be below, near or above normal in other Victorian Districts.

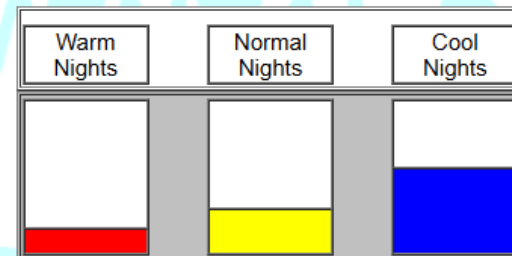
Monthly Outlook for Melbourne

In **Melbourne**, at this time of the year, a combination of the MEI, the DMI, and the MJO Phase, such as what we have operating now, suggests, over the following 30 days:

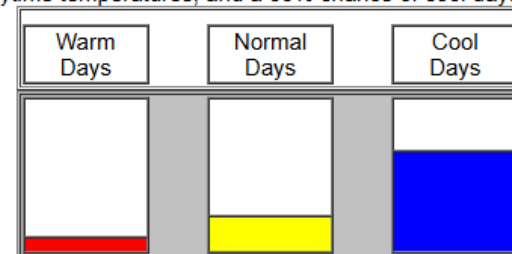
RAINFALL: There is a 53% chance of it being wet, a 30% chance of normal rainfall, and a 17% chance of it being dry.



OVERNIGHT TEMPERATURES: There is a 16% chance of warm nights, a 29% chance of normal overnight temperatures, and a 55% chance of cool nights.



DAYTIME TEMPERATURES: There is a 10% chance of warm days, a 24% chance of normal daytime temperatures, and a 66% chance of cool days.



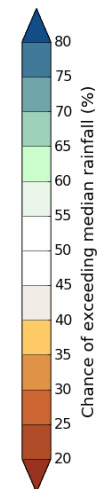
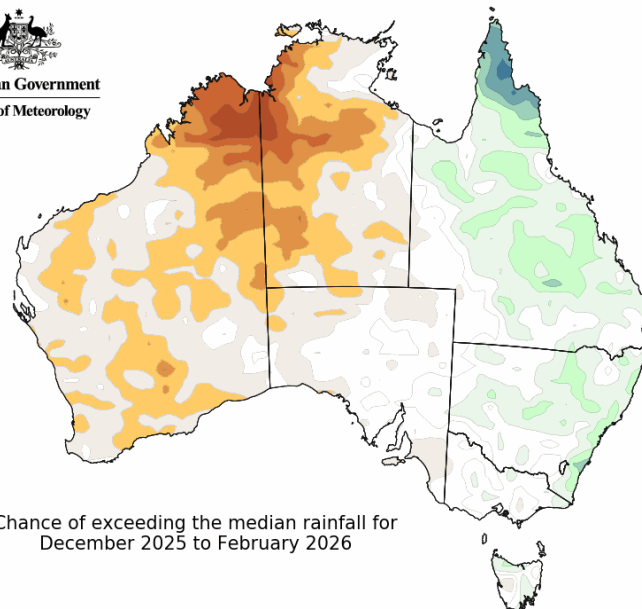
This Week's Bureau Outlook Map

<http://www.bom.gov.au/jsp/sco/archive/index.jsp?map=rain>

<http://www.bom.gov.au/jsp/sco/archive/index.jsp?map=tmax&outlook=median&period=season1&year=2024&month=05&day=16&y=2024&m=03&d=14>

<http://www.bom.gov.au/jsp/sco/archive/index.jsp?map=tmin&outlook=median&period=season1&year=2024&month=05&day=16&y=2024&m=03&d=14>

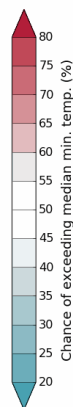
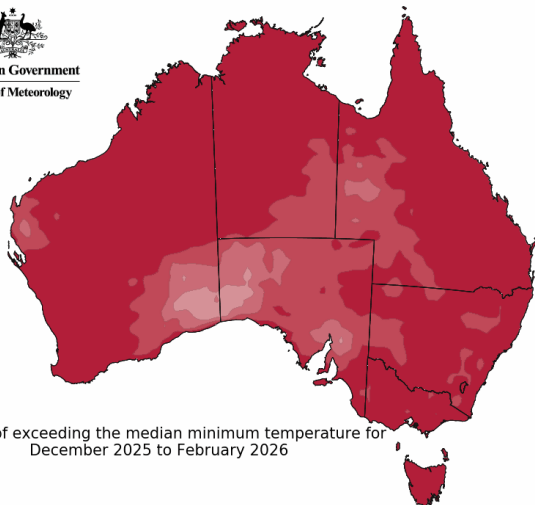

Australian Government
Bureau of Meteorology



Chance of exceeding the median rainfall for
December 2025 to February 2026

Model: ACCESS-S2
Base period: 1981-2018


Australian Government
Bureau of Meteorology

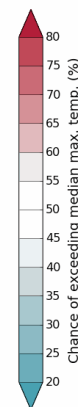
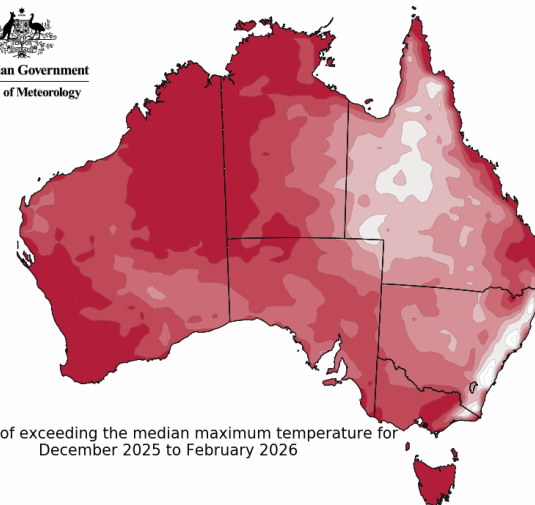


Chance of exceeding the median minimum temperature for
December 2025 to February 2026

Model: ACCESS-S2
Base period: 1981-2018

Model run: 09/11/2025
Issued: Map not issued


Australian Government
Bureau of Meteorology



Chance of exceeding the median maximum temperature for
December 2025 to February 2026

Model: ACCESS-S2
Base period: 1981-2018

Model run: 09/11/2025
Issued: Map not issued

This Week's NWP Models . . .

NWP Models: Fri-14-Nov-2025

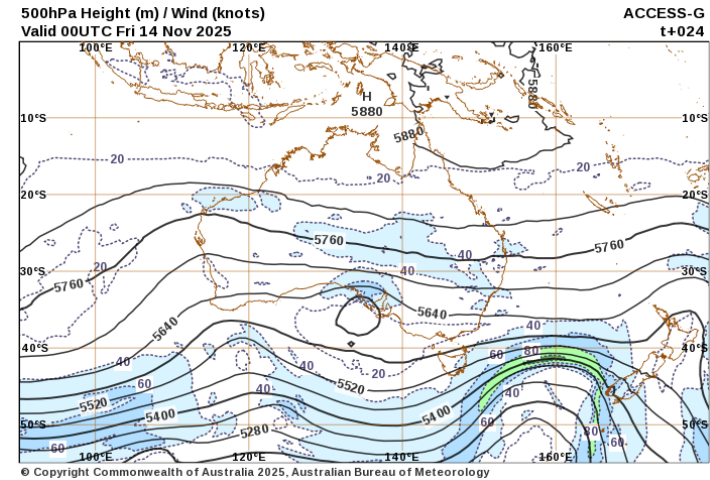
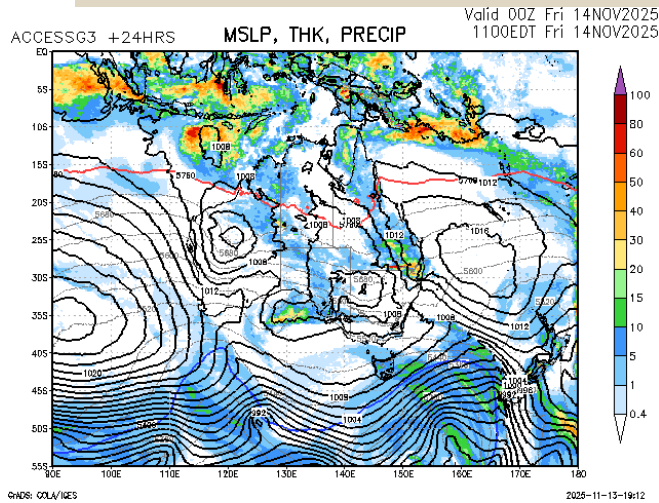
BoM ACCESS MSL & 200 hPa, GFS, & EC

<https://www.weatherzone.com.au/models/charts>

http://www.bom.gov.au/charts_data/IDY20002/current/pressureHgt/200hPa/IDY20002.pressureHgt-200hPa.000.png

http://www.bom.gov.au/charts_data/IDY20301/current/mslp-thick/IDY20301.mslp-thick.000.png

http://www.bom.gov.au/charts_data/IDY20002/current/mslp-thick/IDY20002.mslp-thick.096.png



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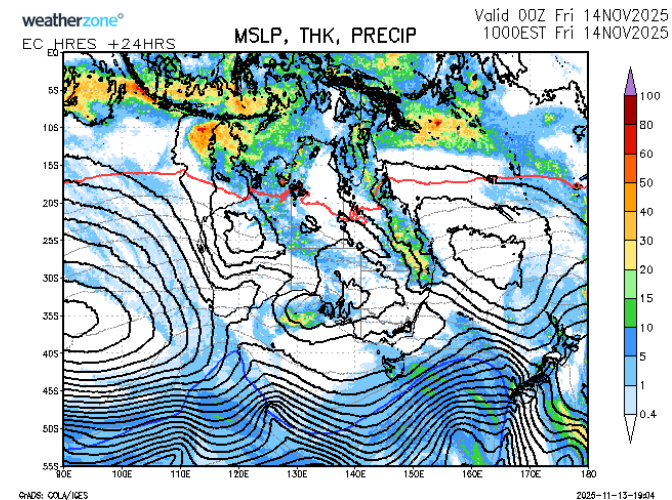
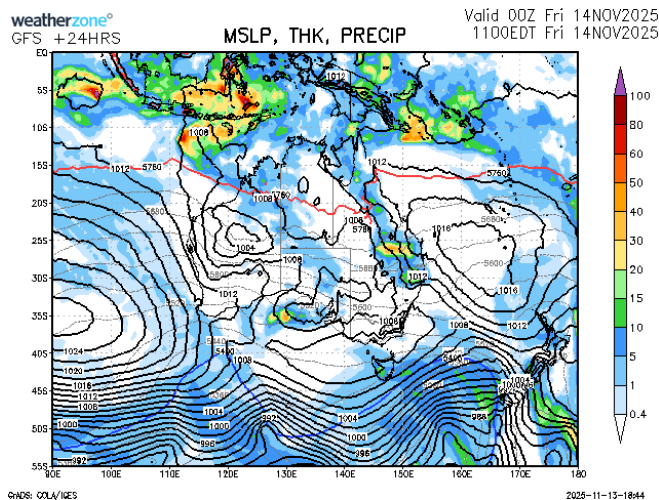


Chart Discussion: Fri-14-Nov-2025 (Harvey Stern)

NWP Models: Sat-15-Nov-2025

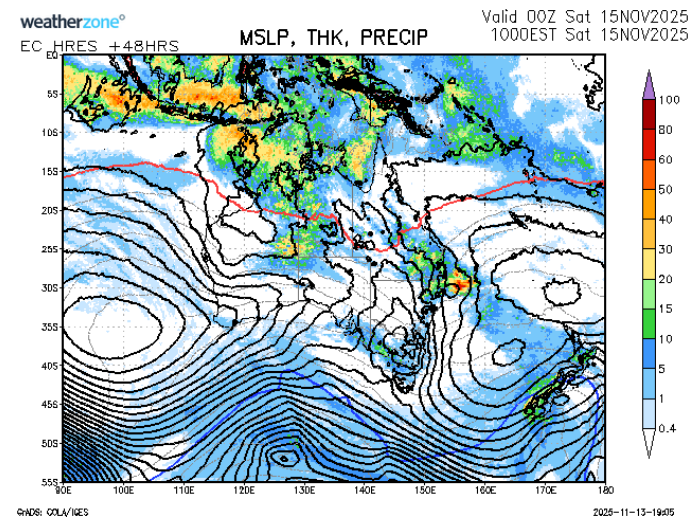
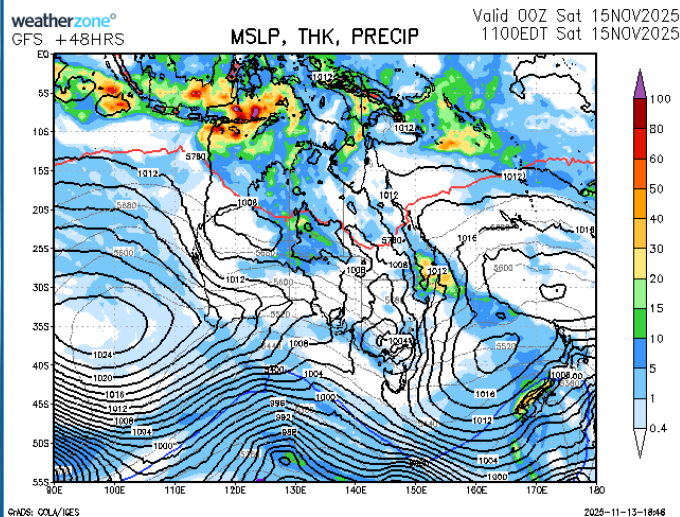
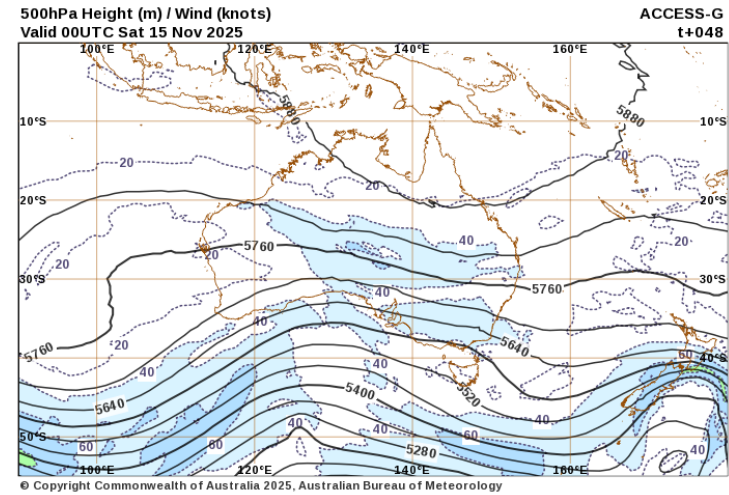
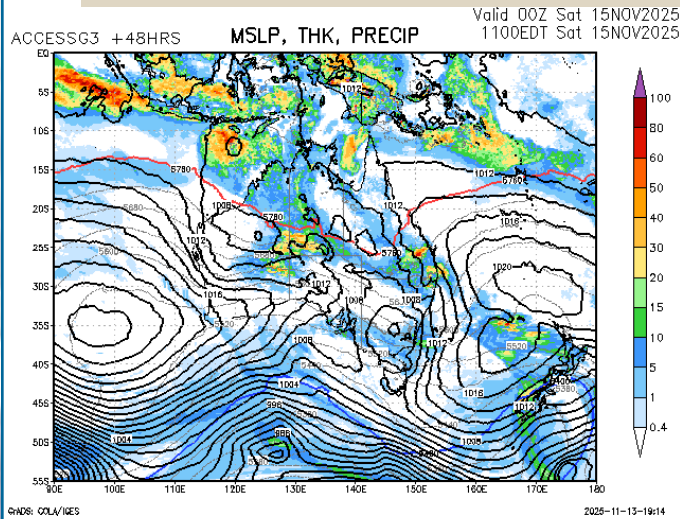


Chart Discussion: Fri-14-Nov-2025 (Harvey Stern)

NWP Models: Sun-16-Nov-2025

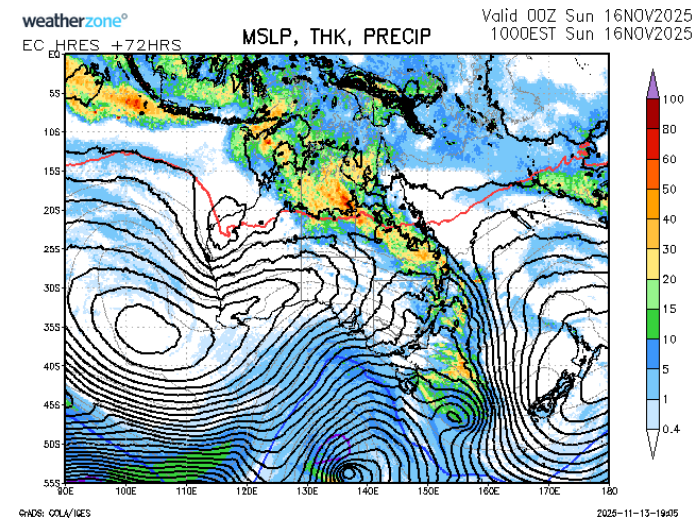
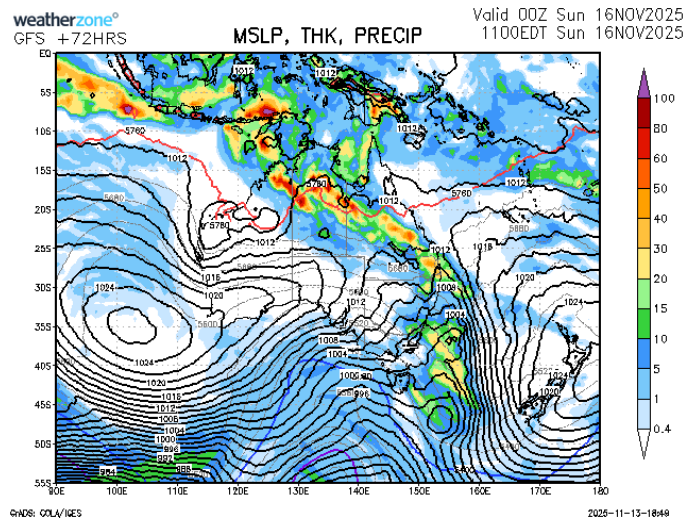
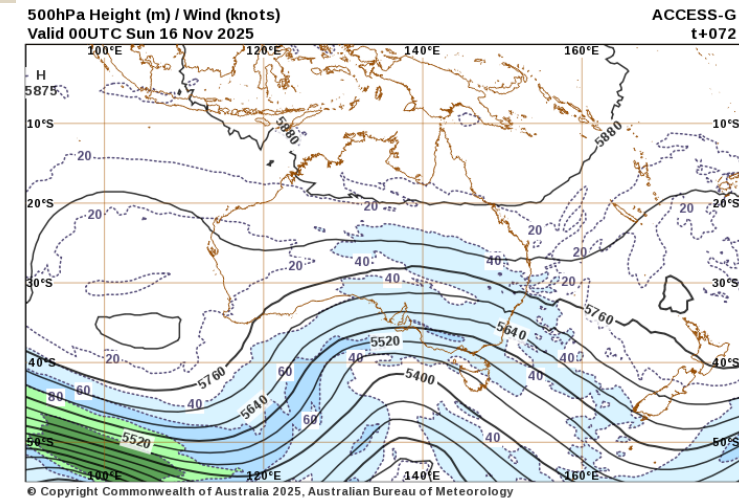
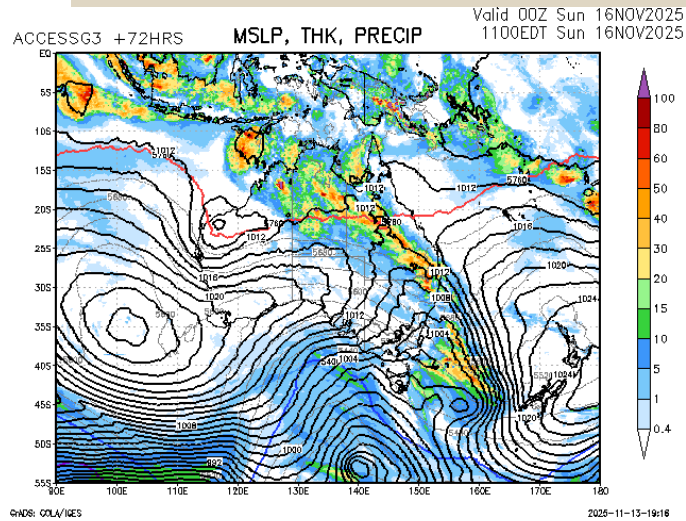


Chart Discussion: Fri-14-Nov-2025 (Harvey Stern)

NWP Models: Mon-17-Nov-2025

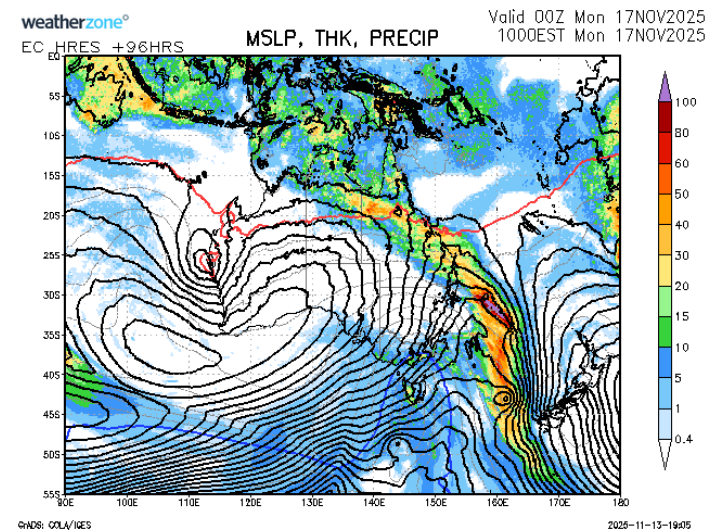
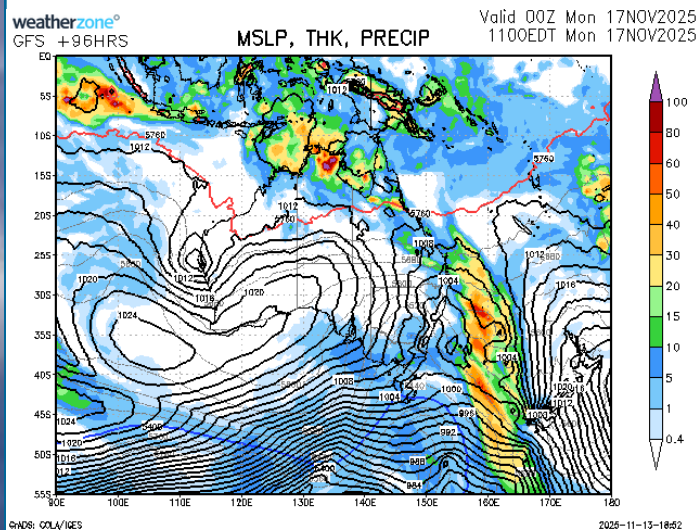
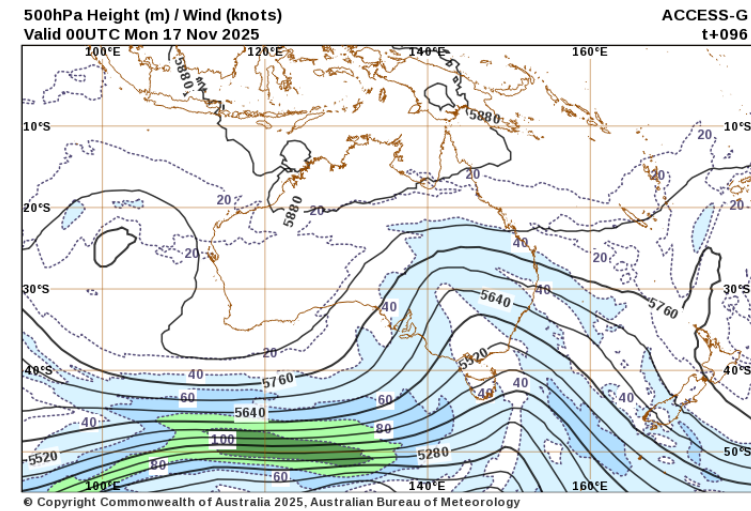
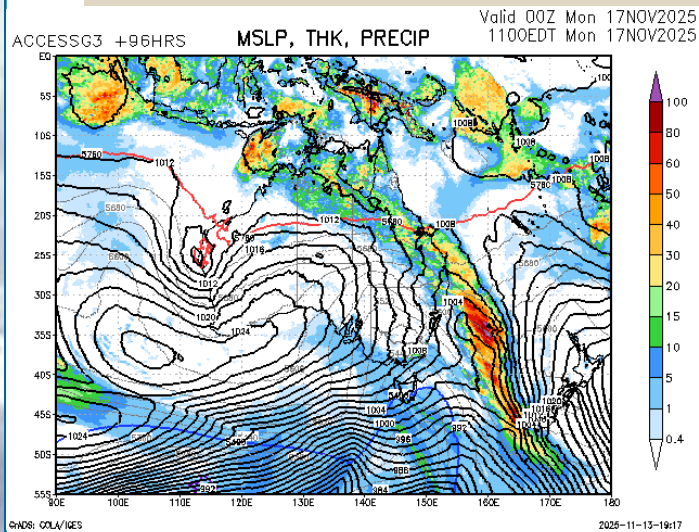


Chart Discussion: Fri-14-Nov-2025 (Harvey Stern)

NWP Models: Tue-18-Nov-2025

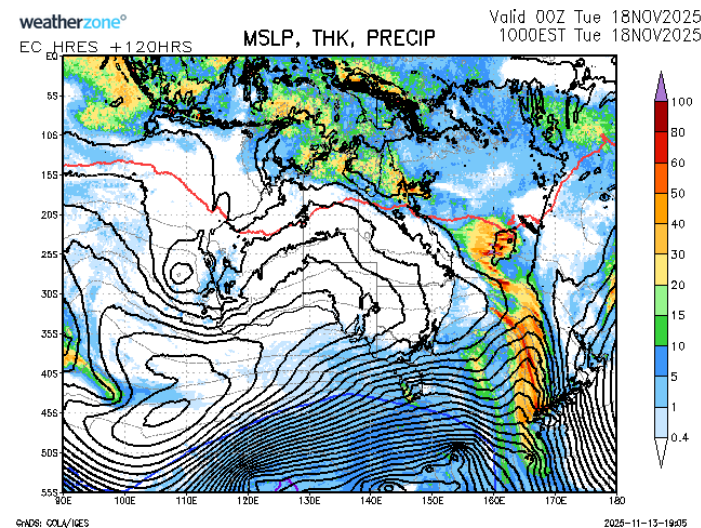
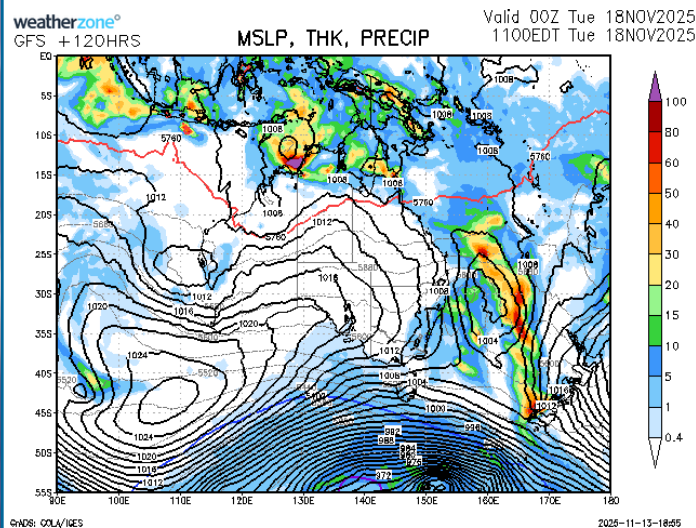
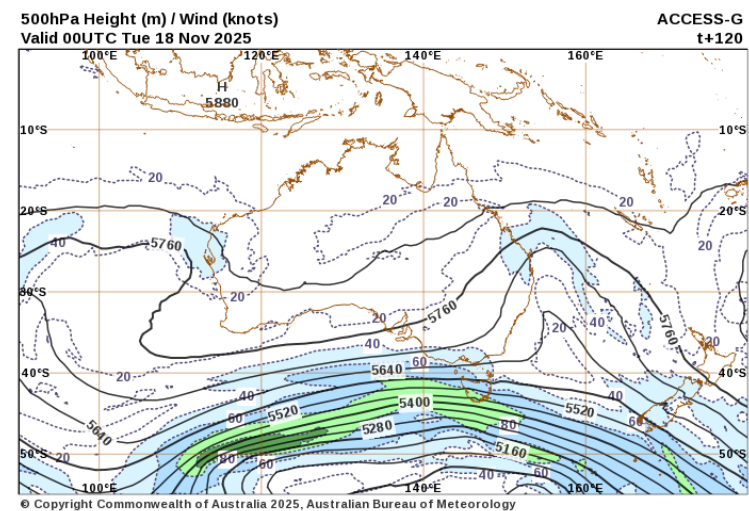
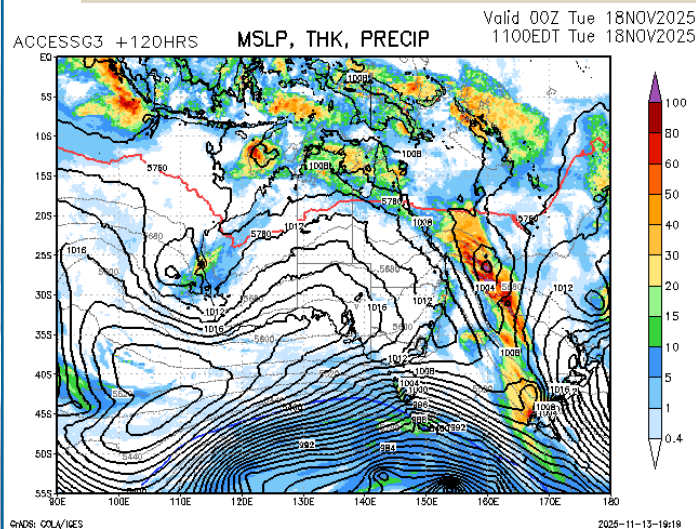


Chart Discussion: Fri-14-Nov-2025 (Harvey Stern)

NWP Models: Wed-19-Nov-2025

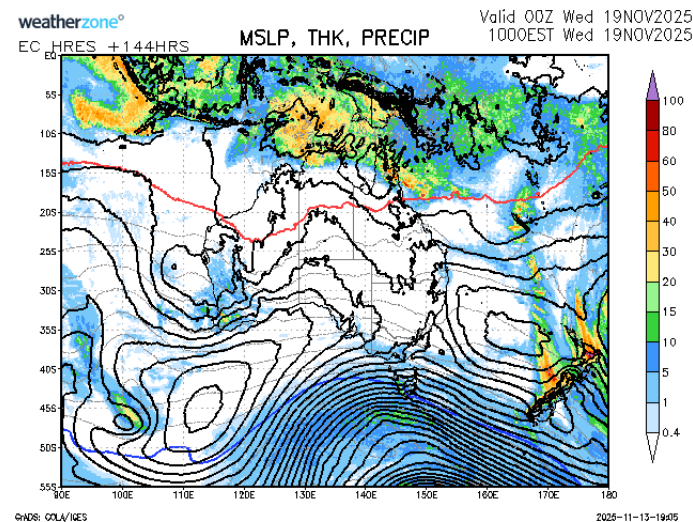
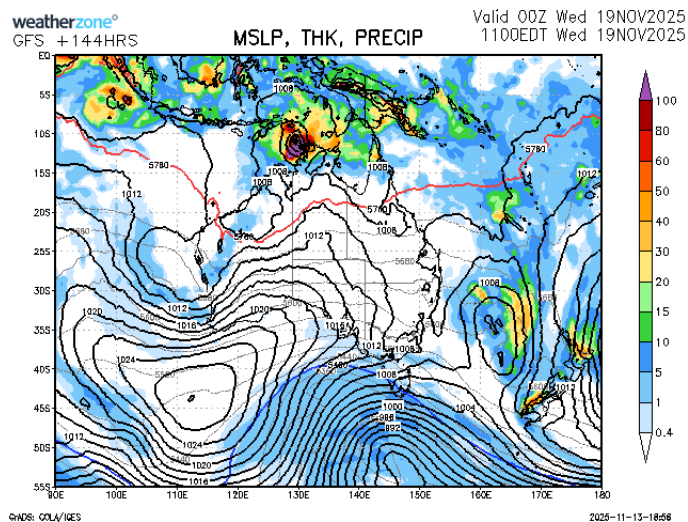
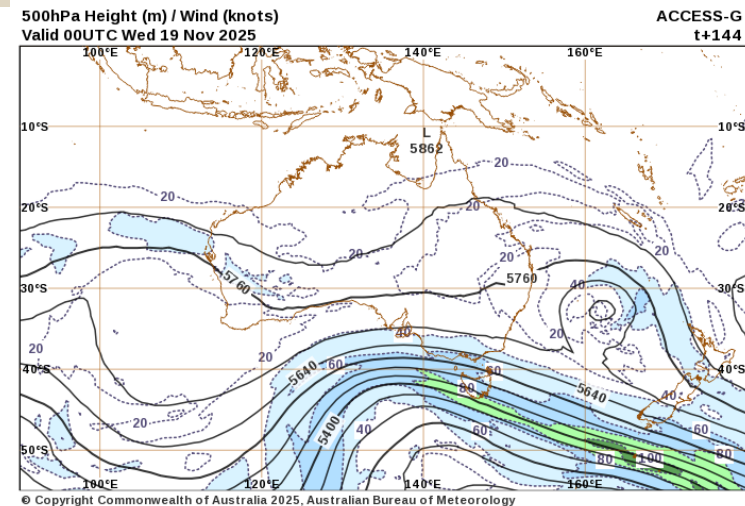
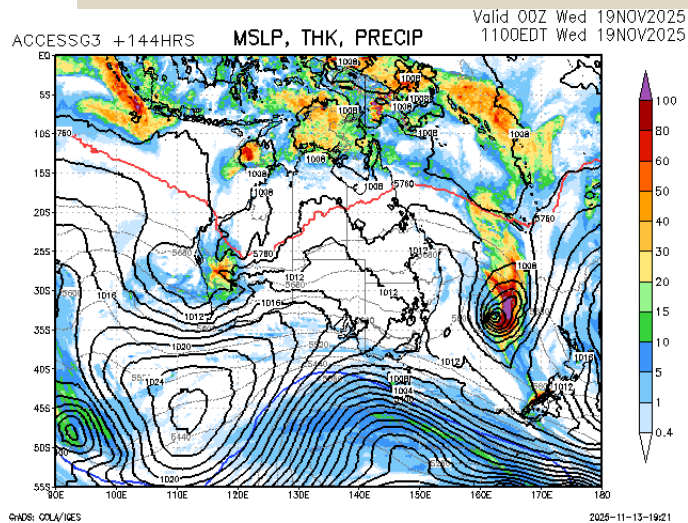


Chart Discussion: Fri-14-Nov-2025 (Harvey Stern)

NWP Models: Thu-20-Nov-2025

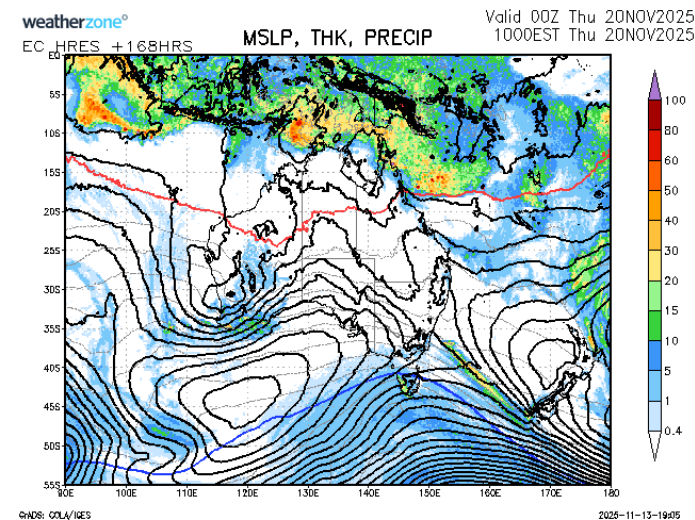
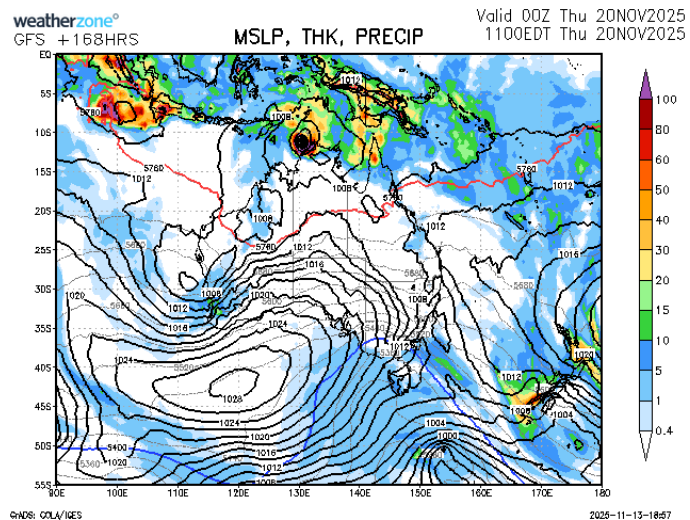
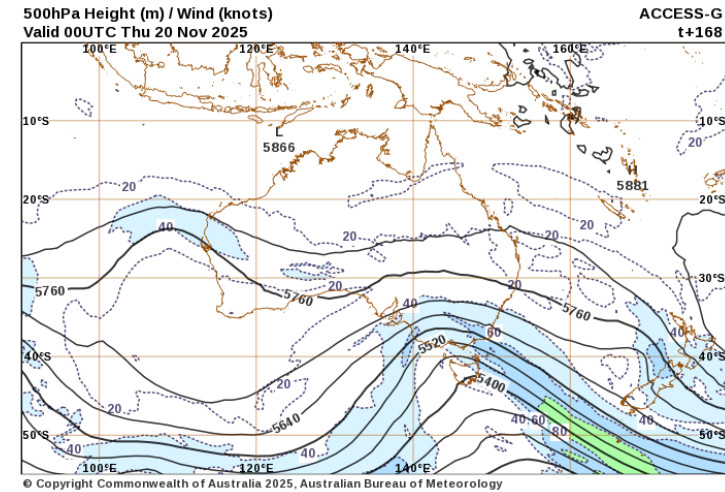
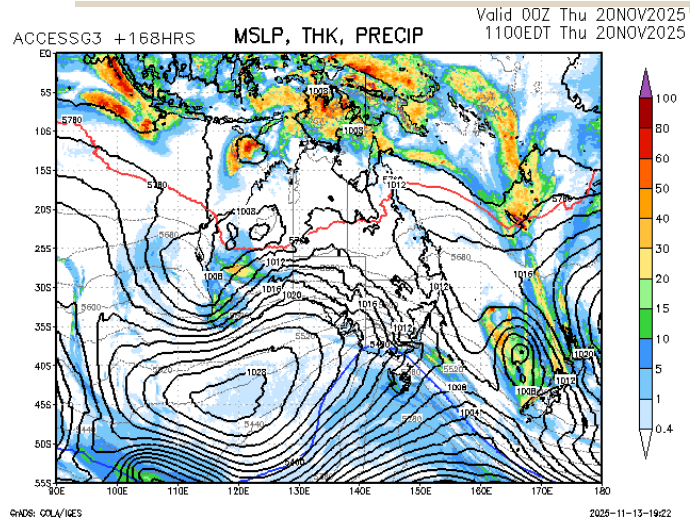


Chart Discussion: Fri-14-Nov-2025 (Harvey Stern)

NWP Models: Fri-21-Nov-2025

<https://meteologix.com/au/model-charts/standard/australia/geopotential-height-500hpa/20250801-0000z.html>

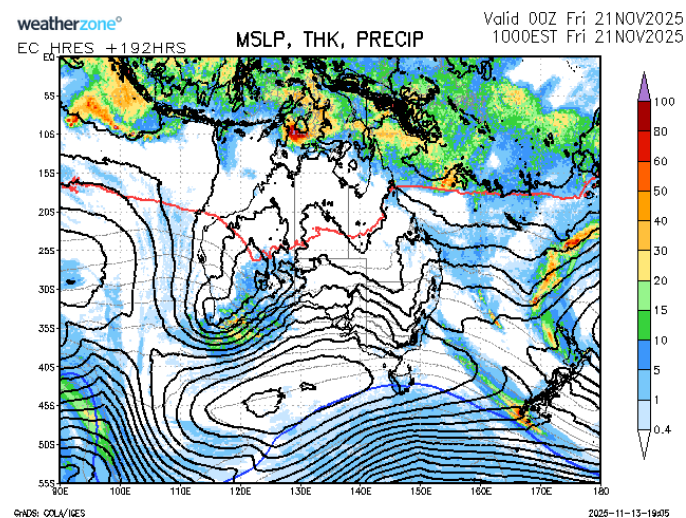
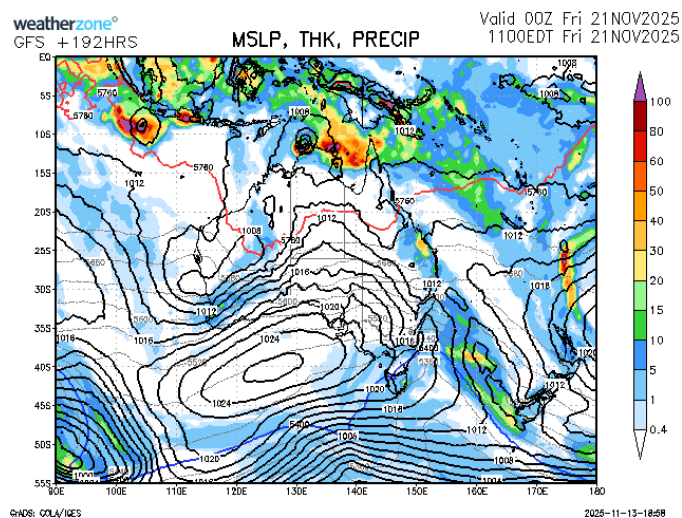
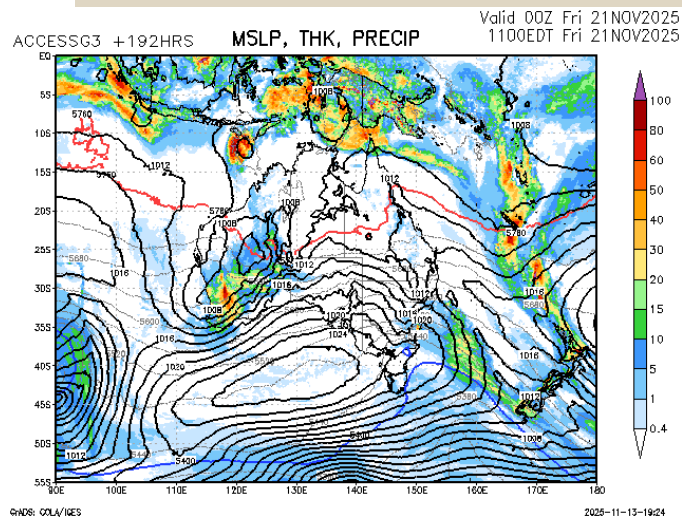


Chart Discussion: Fri-14-2025 (Harvey Stern)

NWP Models: Sat-22-Nov-2025

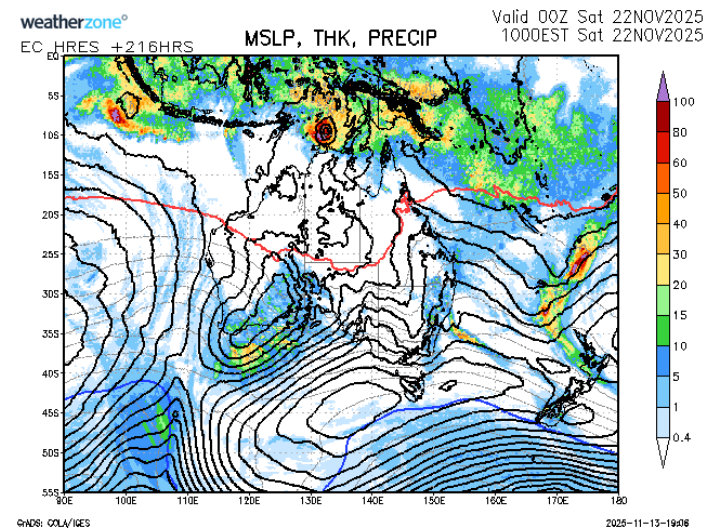
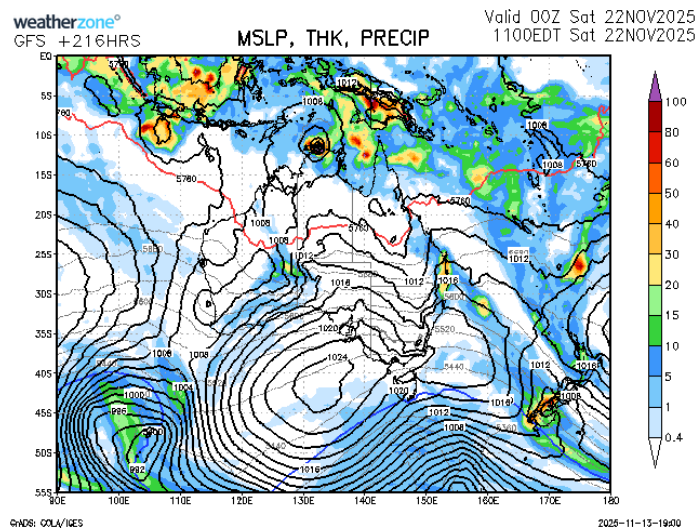
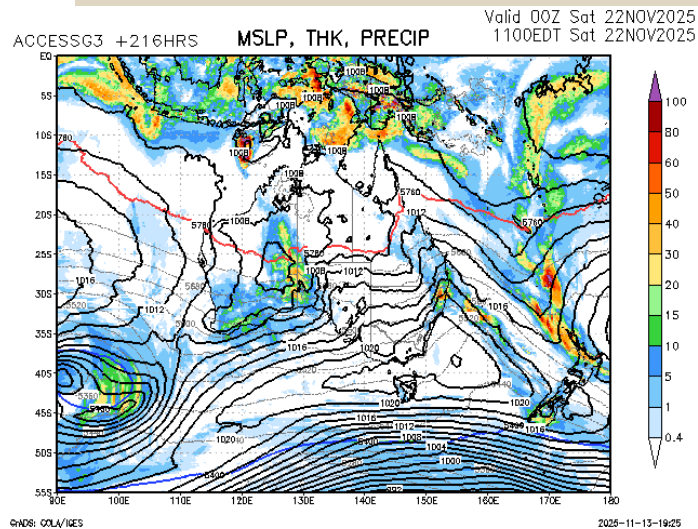
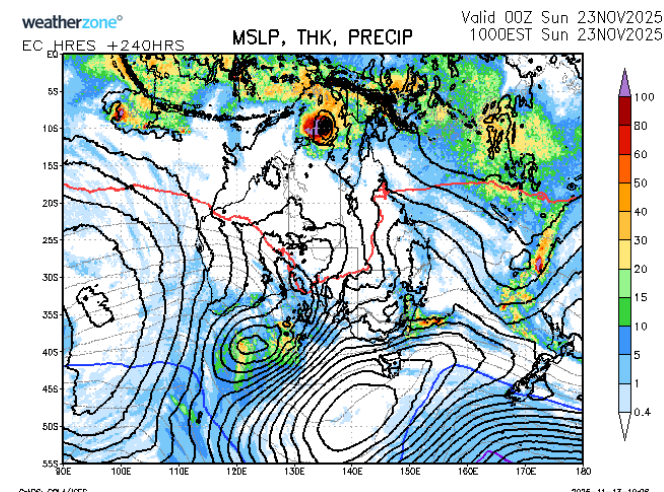
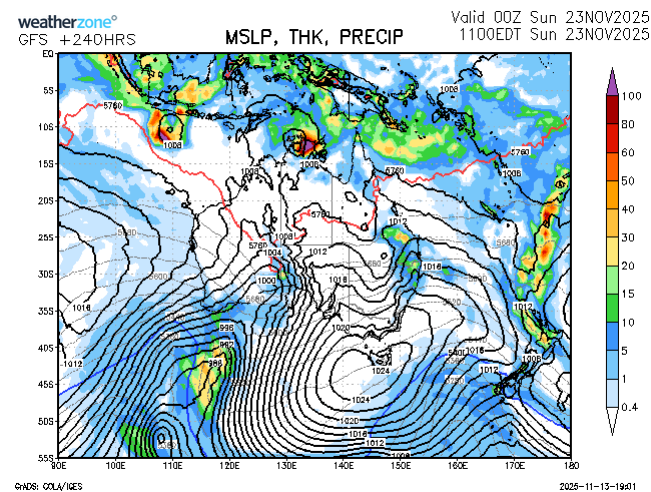
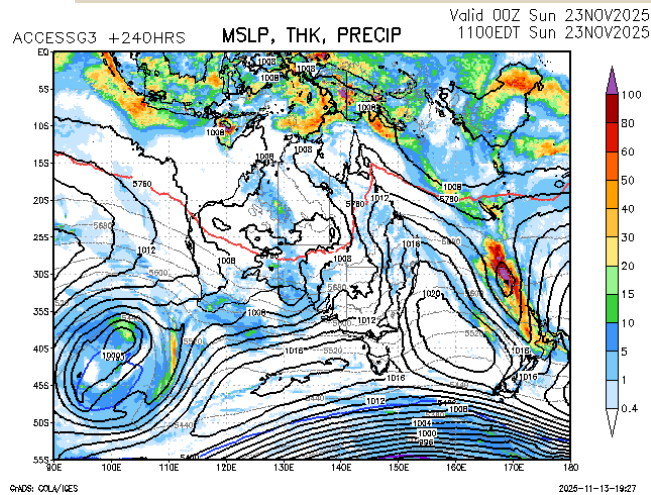


Chart Discussion: Fri-14-Nov-2025 (Harvey Stern)

NWP Models: Sun-23-Nov-2025



Temperatures for the Melbourne observation site (at Olympic Park) are in brackets.

Day & Date	Morning	Afternoon	Min Temp (deg C)	Max Temp (deg C)	Precip Amount (mm)	Precip Prob (%)	9am Wind/ 3pm Wind Melb Apt (km/hr)
Fri-14-11-2025	Partly Cloudy. 	Partly Cloudy. 	11.8 (11.3)	20.4 (19.3)	0	30	SSE 5 S 15 Gusts30
Sat-15-11-2025	Shower. 	Thunder. 	12.3 (11.8)	23 (22.1)	2	73	NNE 5 NE 12 Gusts40
Sun-16-11-2025	Rain. 	Thunder. 	12.6 (12.4)	20.8 (19.9)	4	84	WNW 15 WSW 20 Gusts50
Mon-17-11-2025	Rain. 	Rain. 	10.6 (10.5)	18.6 (17.3)	2.9	76	SW 15 SSW 20 Gusts45
Tue-18-11-2025	Possible Shower. 	Possible Shower. 	11.9 (11.7)	23.3 (22.3)	0	47	WNW 15 WSW 20 Gusts50
Wed-19-11-2025	Possible Shower. 	Possible Shower. 	12.9 (12.6)	21.1 (19.9)	0	41	SW 15 SSW 20 Gusts45
Thu-20-11-2025	Possible Shower. 	Possible Shower. 	11.3 (11.1)	18.9 (17.5)	0	47	SW 15 SSW 20 Gusts45
Fri-21-11-2025	Drizzle. 	Partly Cloudy. 	11.8 (11.5)	19.8 (18.3)	0.6	52	SSW 15 S 20 Gusts40
Sat-22-11-2025	Partly Cloudy. 	Sunny. 	12.3 (11.8)	21.3 (19.8)	0	19	SSW 8 S 15 Gusts30
Sun-23-11-2025	Haze. 	Haze. 	13 (12.2)	24.6 (23.3)	0	14	SSE 8 S 12 Gusts35
Mon-24-11-2025	Sunny. 	Partly Cloudy. 	13.9 (13.1)	28.6 (28.2)	0	17	NNE 20 NNE 25 Gusts55

CHART DISCUSSION 14-Nov-2025

Thank You . . .