

Melbourne Long Range Forecast for the Upcoming Period






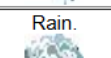

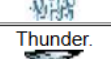








Next Two Week's GFS Melbourne Forecast (1)

NOAA Data At: **14-May-2026**

Minimum temperatures are for the night/early morning, maximum temperatures are for the daytime, whilst precipitation amounts and probabilities are for the 24 hours from midnight.






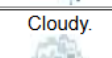

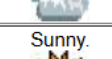






Temperatures for the Melbourne observation site (at Olympic Park) are in brackets.

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-15-5-2026	Fog. 	Partly Cloudy. 	11.2 (10.6)	22.7 (22.4)	0	9	N 15 NNE 15 Gusts45
Sat-16-5-2026	Cloudy. 	Shower. 	14 (13.4)	22.4 (22.5)	0.2	52	N 25 N 25 Gusts55
Sun-17-5-2026	Rain. 	Rain. 	15.6 (15)	20 (19.5)	7.3	83	N 15 NNW 15 Gusts40
Mon-18-5-2026	Shower. 	Thunder. 	14.3 (13.7)	18.6 (18.2)	2.5	68	N 12 NNE 15 Gusts45
Tue-19-5-2026	Shower. 	Rain. 	12.7 (12.2)	18.1 (17.7)	5	77	VRB 3 S 10 Gusts30
Wed-20-5-2026	Rain. 	Rain. 	13.5 (13.2)	18.3 (17.6)	2.4	73	SW 5 S 15 Gusts35
Thu-21-5-2026	Shower. 	Shower. 	12.6 (12.4)	18 (16.8)	2.3	64	SSW 20 S 25 Gusts50

NOAA Data At: **14-May-2026**

Minimum temperatures are for the night/early morning, maximum temperatures are for the daytime, whilst precipitation amounts and probabilities are for the 24 hours from midnight.

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-22-5-2026	Possible Shower. 	Partly Cloudy. 	10.4 (10.1)	15.8 (14.9)	0	48	SW 5 S 12 Gusts30
Sat-23-5-2026	Shower. 	Shower. 	9.6 (9.4)	16.6 (16)	1.5	65	WNW 15 WSW 15 Gusts40
Sun-24-5-2026	Drizzle. 	Cloudy. 	9.1 (9.1)	15 (13.8)	0.7	64	WSW 20 S 20 Gusts50
Mon-25-5-2026	Fog. 	Sunny. 	9.2 (8.8)	15.9 (15.1)	0	22	SSE 5 S 12 Gusts25
Tue-26-5-2026	Partly Cloudy. 	Shower. 	8.7 (8.3)	17.4 (17)	1.8	54	N 15 NNE 15 Gusts45
Wed-27-5-2026	Shower. 	Shower. 	10.8 (10.6)	16.3 (15.6)	1.7	65	WSW 15 SSW 20 Gusts40
Thu-28-5-2026	Shower. 	Shower. 	10.5 (10.4)	16.2 (15.1)	1.4	64	WSW 15 SSW 20 Gusts40

Next Two Week's GFS Melbourne Forecast (2)

DAY	DATE	WEATHER (Melbourne)	DAY	DATE	WEATHER (Melbourne)
WEEK 1			WEEK 2		
Fri	15-5-2026	A cool night then a mild to warm day. Patches of early fog followed by a sunny morning. Cloudy at times during the afternoon, but without precipitation. PRECIS: EARLY FOG	Fri	22-5-2026	A cool night then a cool day. Cloudy at times during the morning with just the chance of a shower or two. Sunny periods during the afternoon. PRECIS: POSSIBLE SHOWER
Sat	16-5-2026	A cool night then a mild to warm day. Cloudy. A few showers developing during the afternoon. PRECIS: SHOWERS LATER	Sat	23-5-2026	A chilly night then a cool to mild day. Cloudy at times with a few showers. PRECIS: SHOWERS
Sun	17-5-2026	A mild night then a mild day. Cloudy with rain at times. PRECIS: RAIN	Sun	24-5-2026	A chilly night then a cool day. Cloudy during the morning with patches of drizzle gradually clearing. A cloudy afternoon, but without precipitation. PRECIS: DRIZZLE CLEARING
Mon	18-5-2026	A cool night then a cool to mild day. Cloud increasing. Just a few showers during the morning. Thunderstorms developing during the afternoon. PRECIS: THUNDERSTORMS	Mon	25-5-2026	A chilly night then a cool day. Fog then sunny. PRECIS: EARLY FOG
Tue	19-5-2026	A cool night then a cool to mild day. Cloudy. Just a few showers during the morning, increasing to rain during the afternoon. PRECIS: RAIN	Tue	26-5-2026	A chilly night then a cool to mild day. Cloud increasing. A few showers developing during the afternoon. PRECIS: SHOWERS LATER
Wed	20-5-2026	A cool night then a cool to mild day. Cloudy with rain at times. PRECIS: RAIN	Wed	27-5-2026	A cool night then a cool day. Cloudy at times with a few showers. PRECIS: SHOWERS
Thu	21-5-2026	A cool night then a cool to mild day. Cloudy at times with a few showers. PRECIS: SHOWERS	Thu	28-5-2026	A cool night then a cool day. Cloudy at times with a few showers. PRECIS: SHOWERS

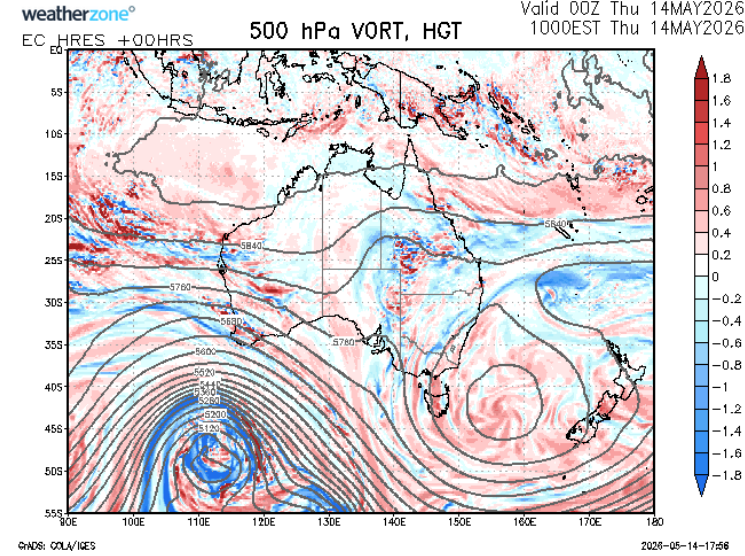
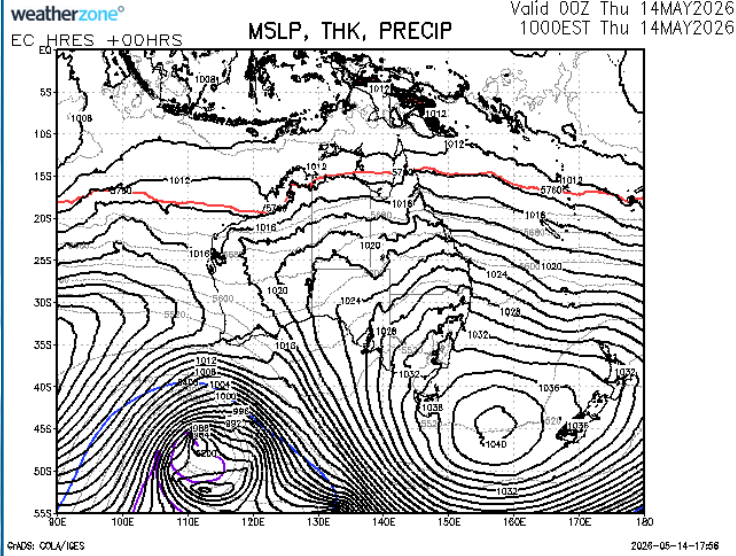
Chart Discussion: Fri-15-May-2026 (Harvey Stern)

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

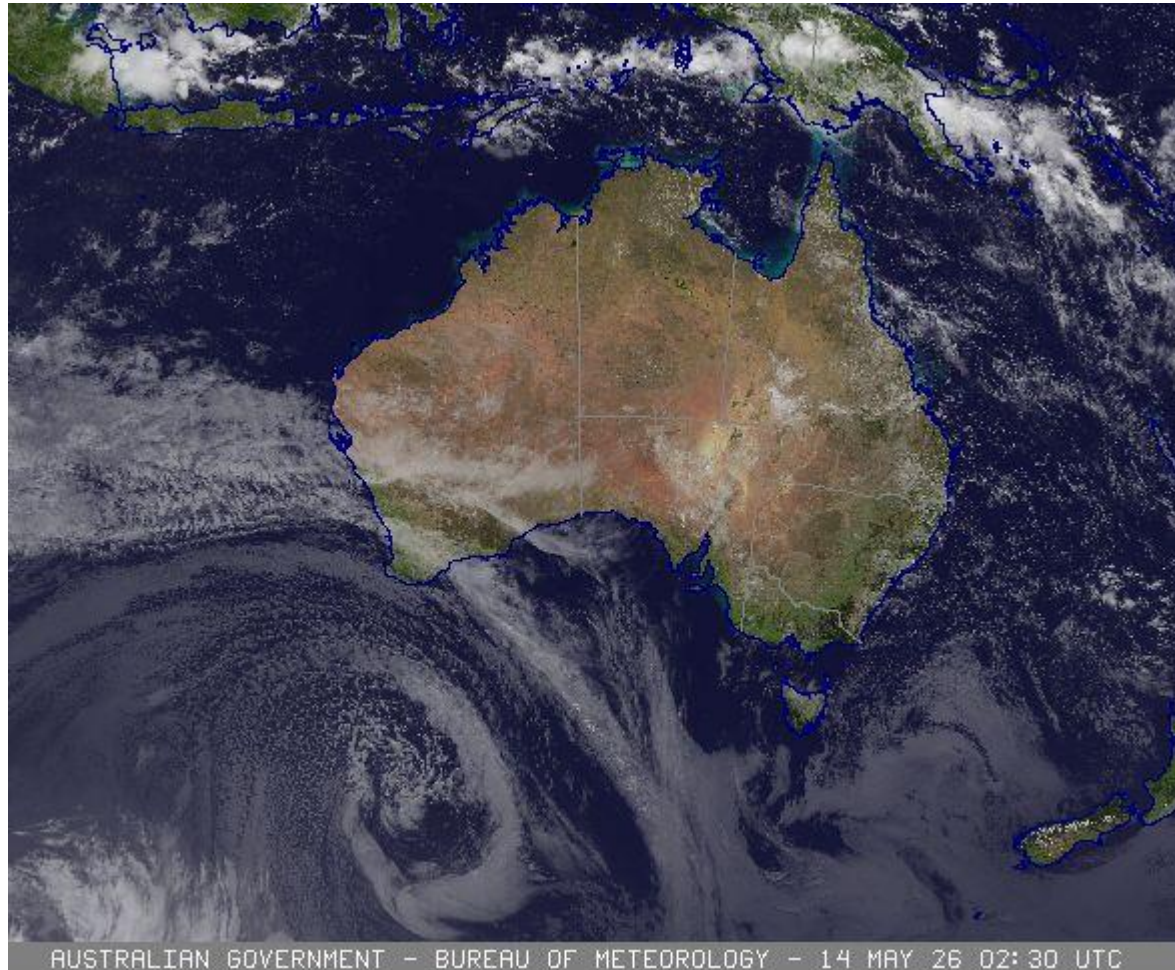
http://reg.bom.gov.au/charts_data/IDY20002/current/pressureHgt/500hPa/IDY20002.pressureHgt-500hPa.000.png

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

Yesterday's Analyses: Thu-14-May-2026



Yesterday's Satellite Image: Thu-14-May-2026



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) : Daily Sea Surface Temperature:

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

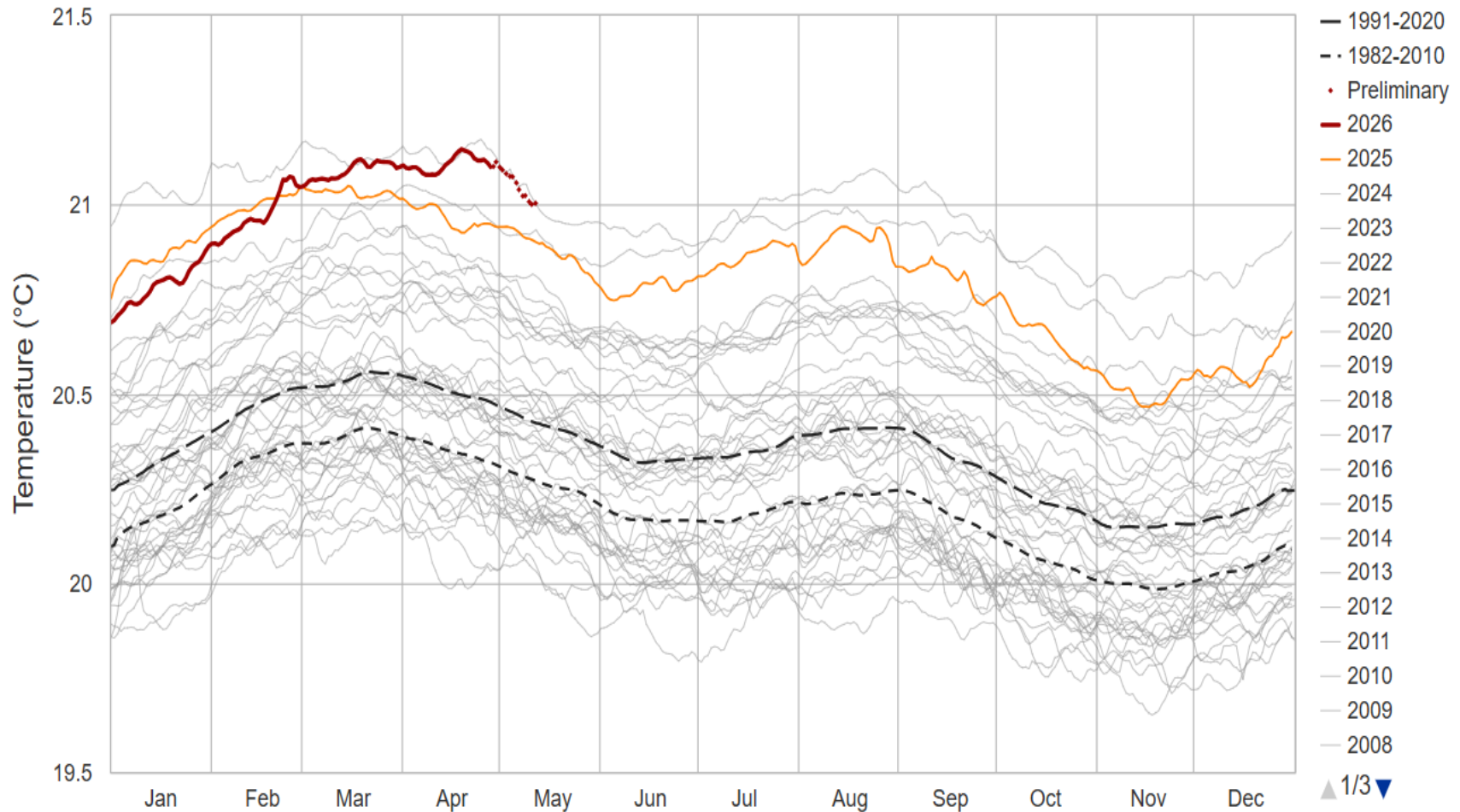
http://www.cpc.ncep.noaa.gov/products/analysis_monitoring/enso_update/gsstanim.gif

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

Daily Sea Surface Temperature, World (60°S–60°N, 0–360°E)

[Export Chart](#)

Dataset: NOAA OISST V2.1 | Image Credit: ClimateReanalyzer.org, Climate Change Institute, University of Maine



Climate Indices (2)

Current sea surface temperature anomaly distribution:

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

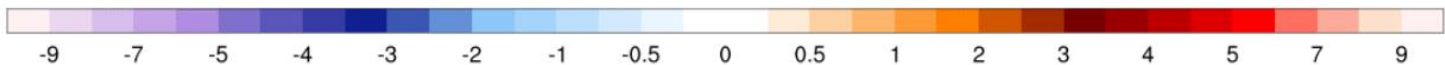
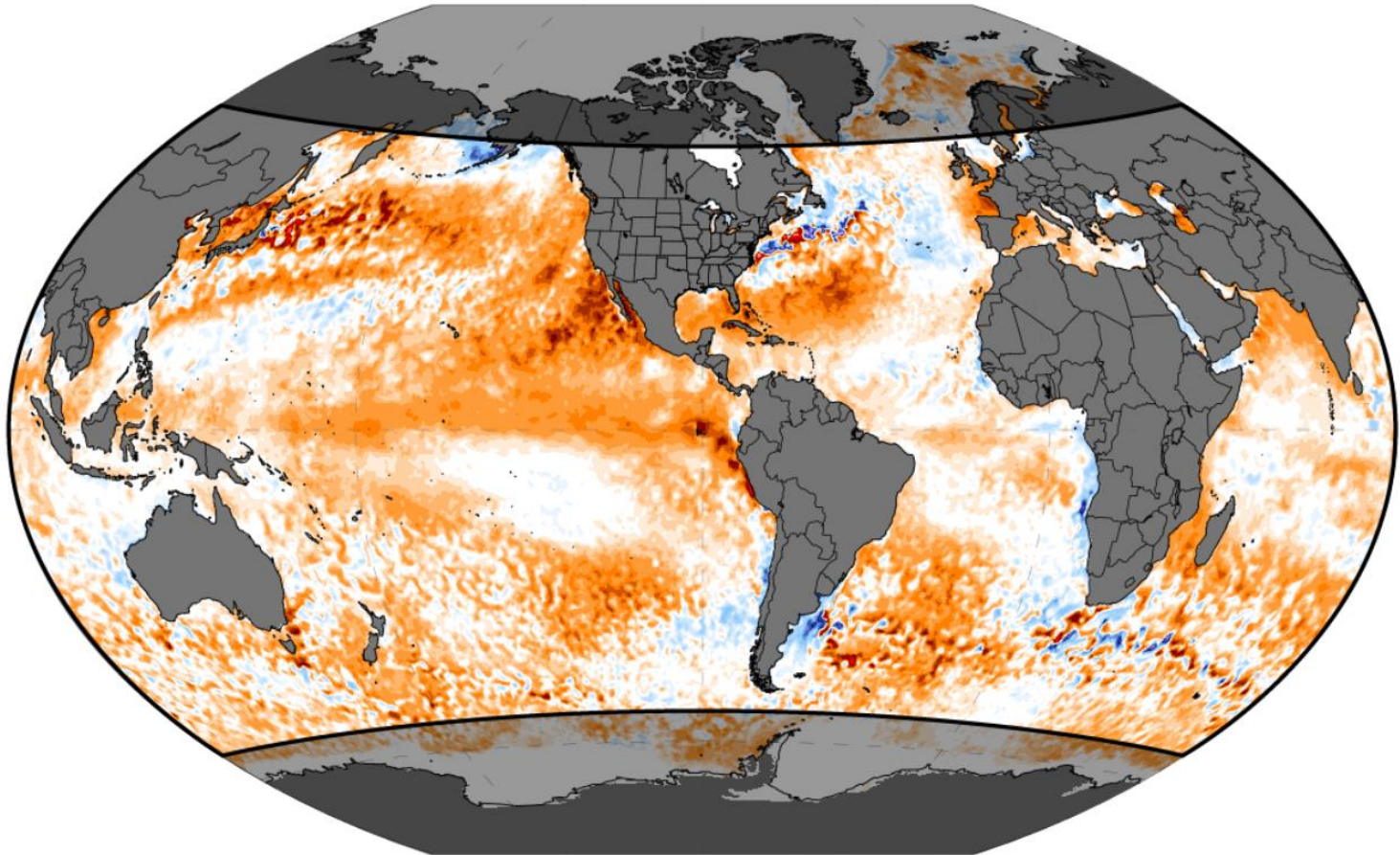
https://climatereanalyzer.org/clim/sst_daily/?dm_id=world2

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

Tue, May 12, 2026 | preliminary

ClimateReanalyzer.org

Climate Change Institute | University of Maine



Climate Indices (3)

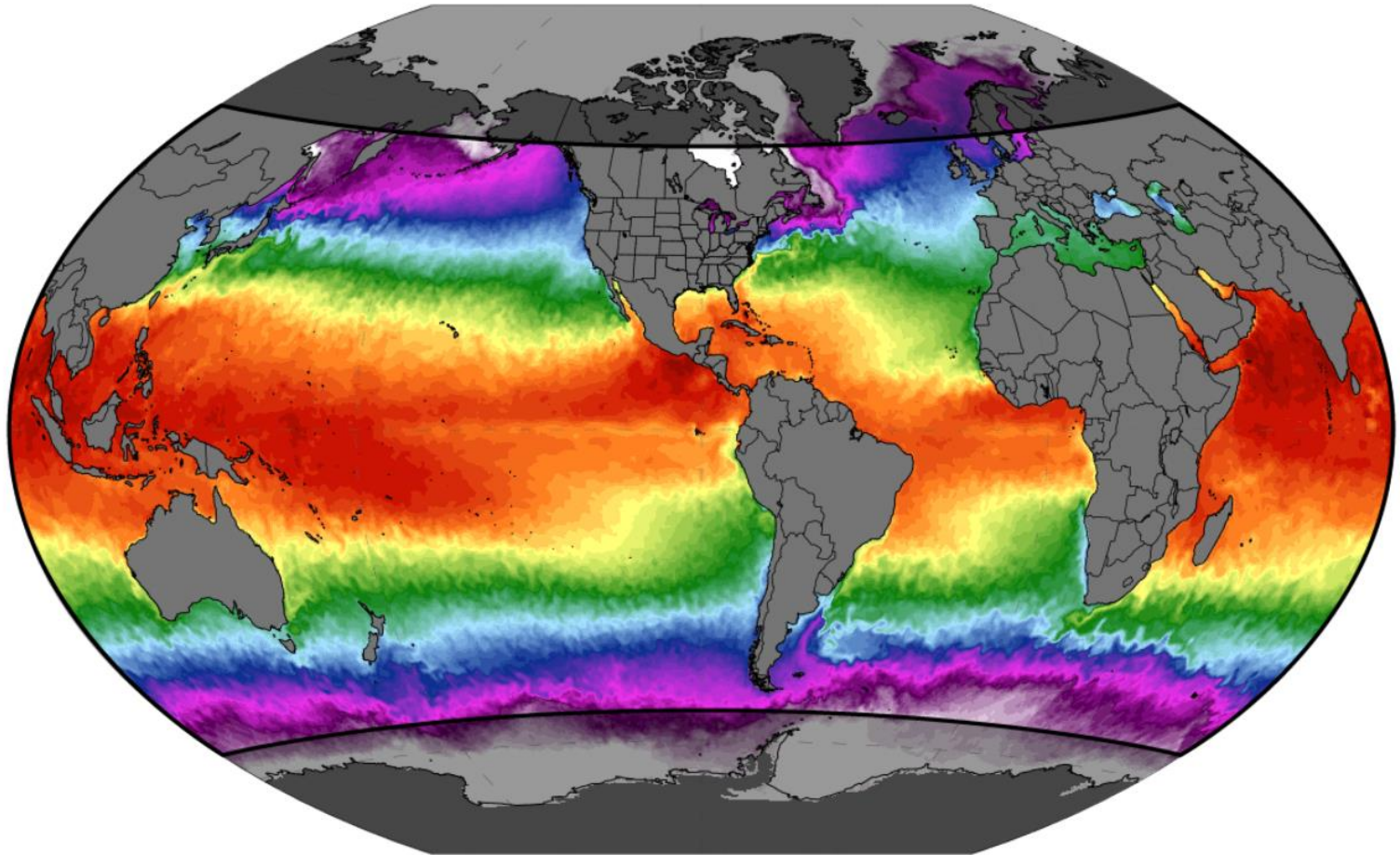
Current sea surface temperature distribution:

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, May 12, 2026 | preliminary

ClimateReanalyzer.com
Climate Change Institute | University of Maine



Climate Indices (4)

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

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

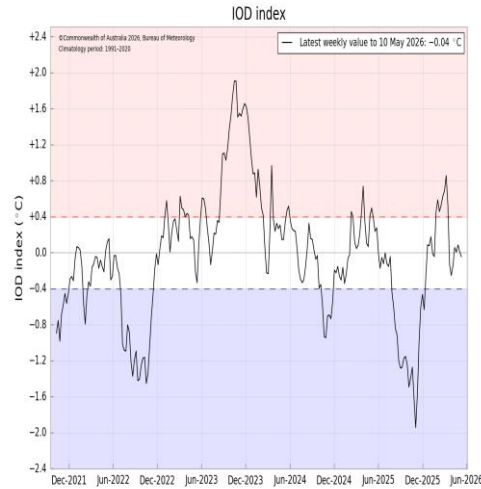
<http://reg.bom.gov.au/climate/enso/#tabs=Pacific-Ocean&pacific=SOI>

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

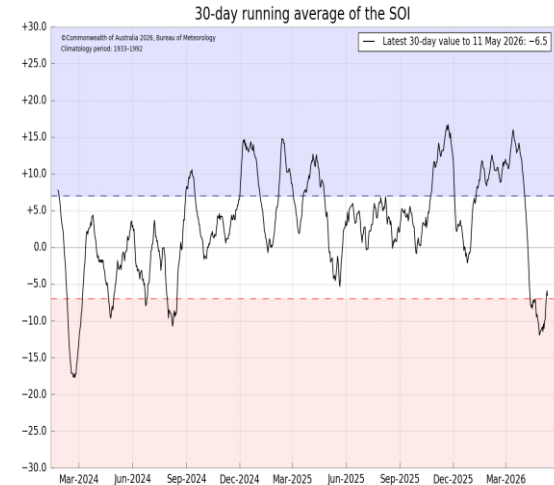
Multivariate Enso Index = +0.65

n/a

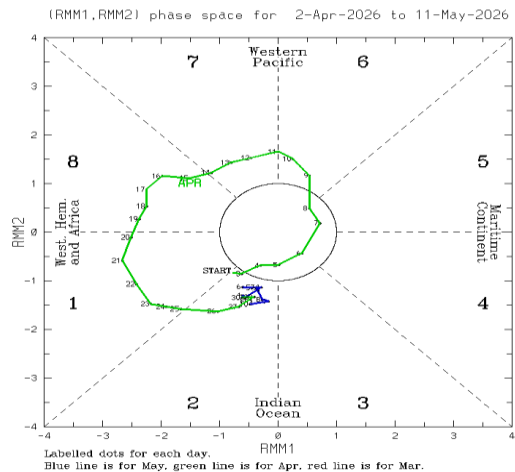
Indian Ocean Dipole= -0.04 deg C



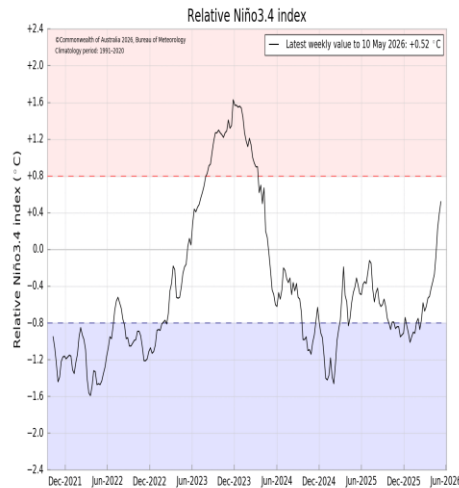
S O I -6.5 (30) +0.32 (90)



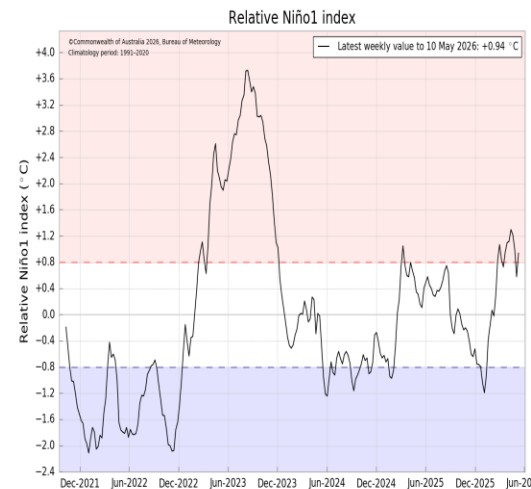
MADDEN JULIAN OSCILLATION: 2 W Indian O



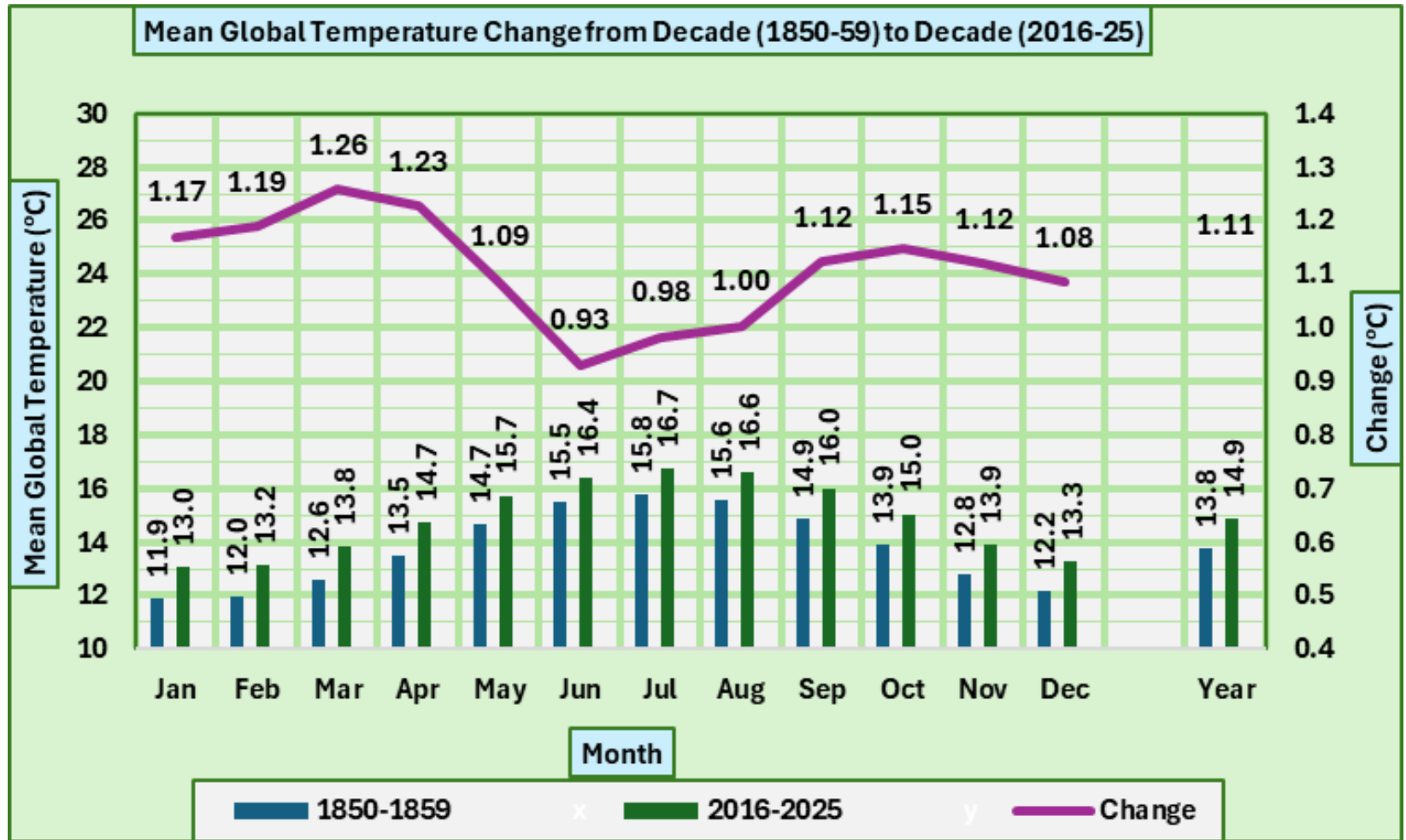
SST IN CENTRAL PACIFIC: +0.52 deg C



SST CLOSE TO SOUTH AMERICA: +0.94 deg C



Change in Global Mean Temperature Decade 1850-59 to Decade 2016-25



Monthly Outlook for Victoria

The average Indian Ocean Dipole Mode Index for the past week is -0.04 (-0.08 standard deviations), the average Southern Oscillation Index (SOI) for the past 90 days is 0.32, the average SOI for the past 30 days is -6.5, and the latest recorded bimonthly Multivariate ENSO Index (MEI) is 0.65. The expected MEI, adjusted by the Indian Ocean Dipole Mode Index and also by recent values of the SOI, for APR/MAY is 0.29. Such a value of MEI indicates a sea surface temperature distribution that corresponds to a very weak El Niño. This suggests:

RAINFALL: There is a very slightly enhanced chance that total JUN/JUL/AUG rainfall will be below normal in the MALLEE, NORTHERN COUNTRY, NORTH CENTRAL, NORTHEAST, WEST GIPPSLAND, CENTRAL and WESTERN Districts, but there is little indication as to whether total JUN/JUL/AUG rainfall will be below, near or above normal in other Victorian Districts.

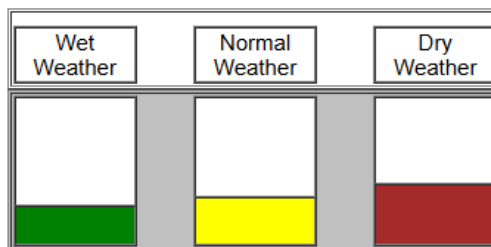
OVERNIGHT TEMPERATURES: There is a very slightly enhanced chance that average JUN/JUL/AUG overnight temperatures will be above normal in the WIMMERA, EAST GIPPSLAND and CENTRAL Districts, there is a very slightly enhanced chance that overnight temperatures will be below normal in the NORTHERN COUNTRY District, 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 a very slightly enhanced chance that average JUN/JUL/AUG daytime temperatures will be above normal in the MALLEE, NORTHERN COUNTRY, NORTH CENTRAL, NORTHEAST, EAST GIPPSLAND, WEST GIPPSLAND and CENTRAL Districts, but there is little indication as to whether daytime temperatures will be below, near or above normal in other Victorian Districts.

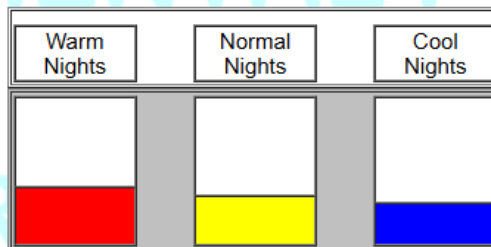
Monthly Outlook for Melbourne

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:

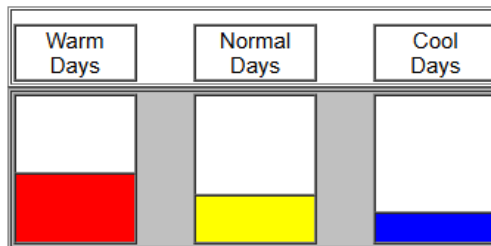
RAINFALL: There is a 27% chance of it being wet, a 32% chance of normal rainfall, and a 41% chance of it being dry.



OVERNIGHT TEMPERATURES: There is a 39% chance of warm nights, a 33% chance of normal overnight temperatures, and a 28% chance of cool nights.



DAYTIME TEMPERATURES: There is a 47% chance of warm days, a 32% chance of normal daytime temperatures, and a 21% chance of cool days.

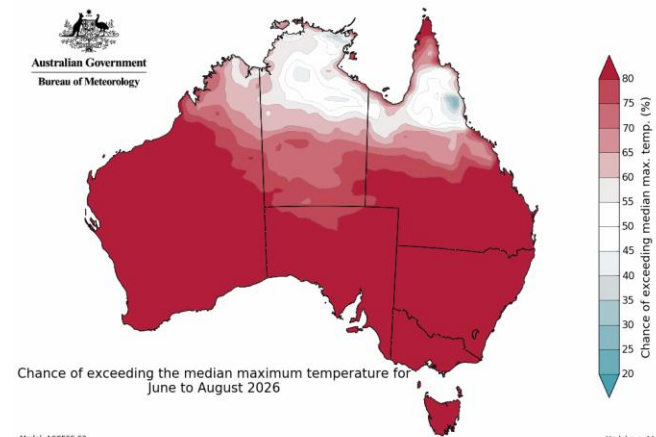
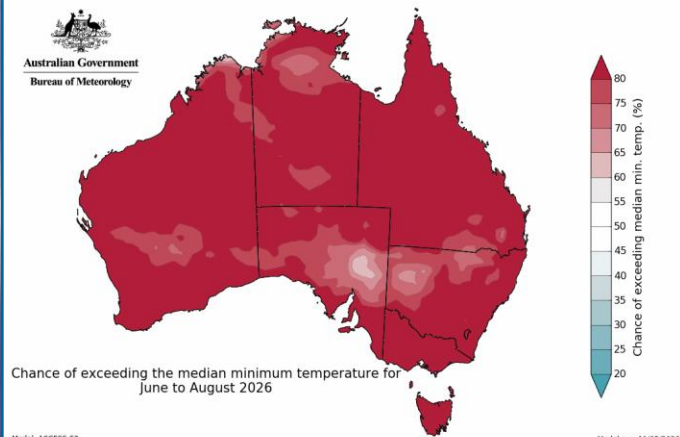
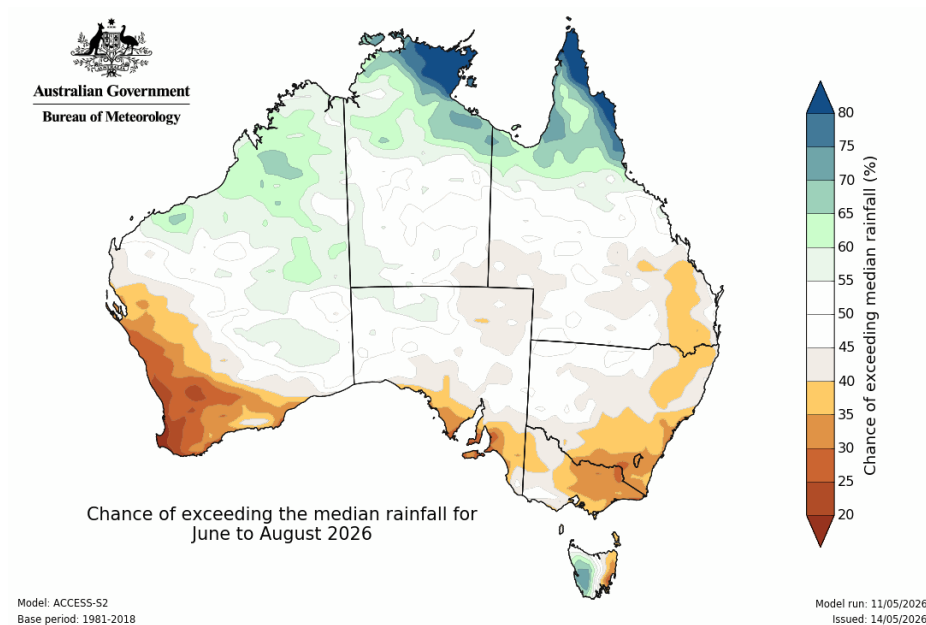


This Week's Bureau Outlook Maps

<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>



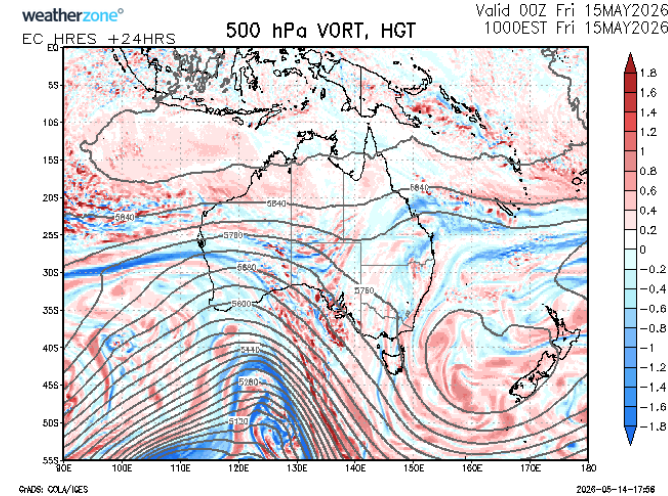
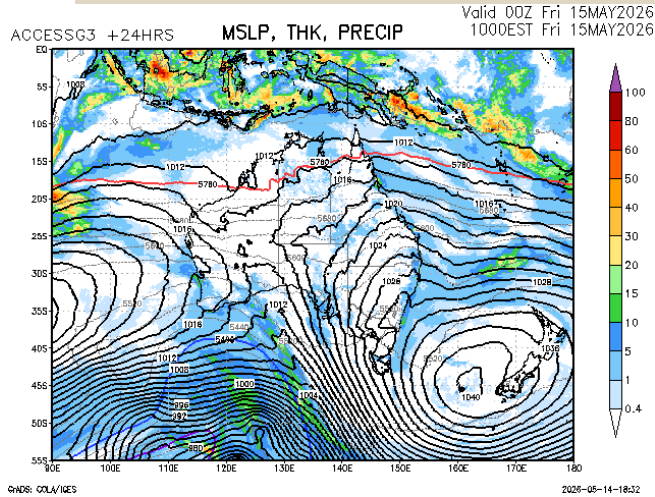
This Week's NWP Models . . .

Chart Discussion: Fri-15-May-2026 (Harvey Stern)

NWP Models: Fri-15-May-2026

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
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http://www.bom.gov.au/charts_data/IDY20002/current/mslp-thick/IDY20002.mslp-thick.024.png

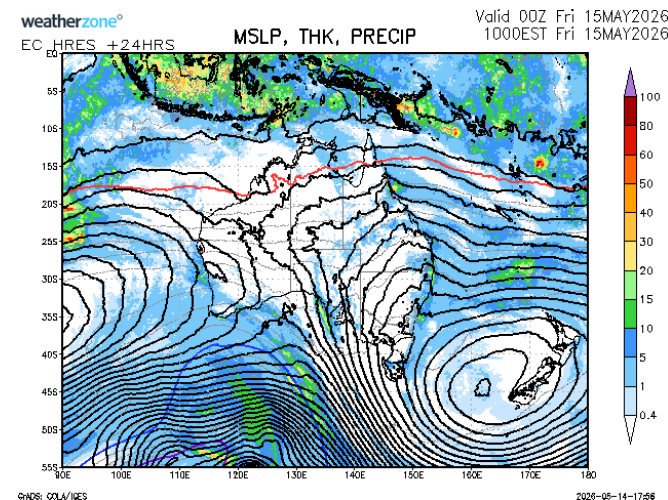
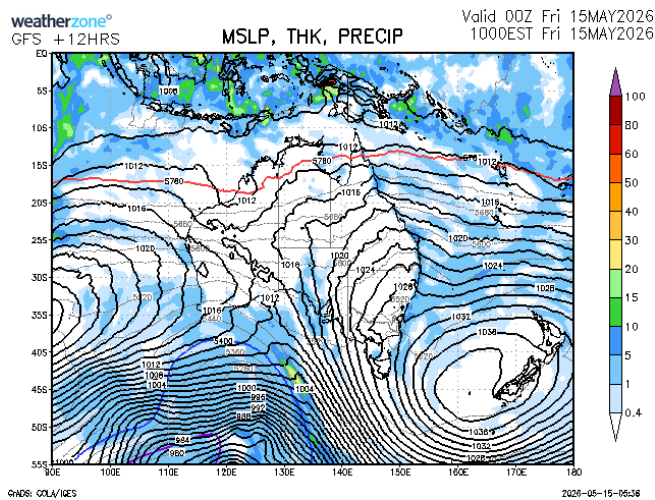


Chart Discussion: Fri-15-May-2026 (Harvey Stern)

NWP Models: Sat-16-May-2026

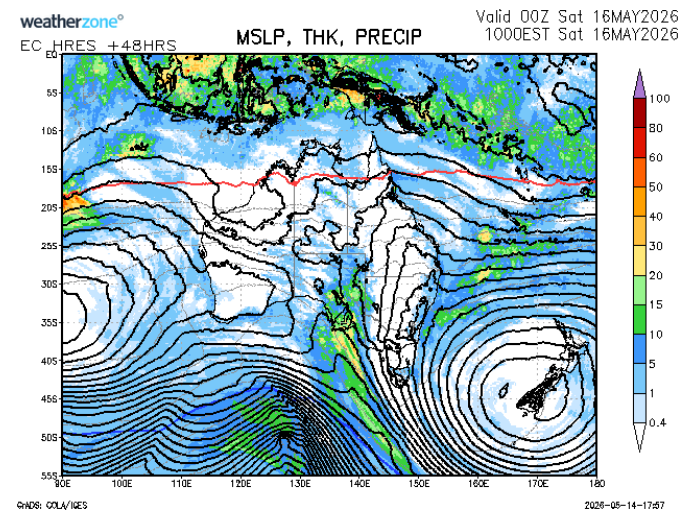
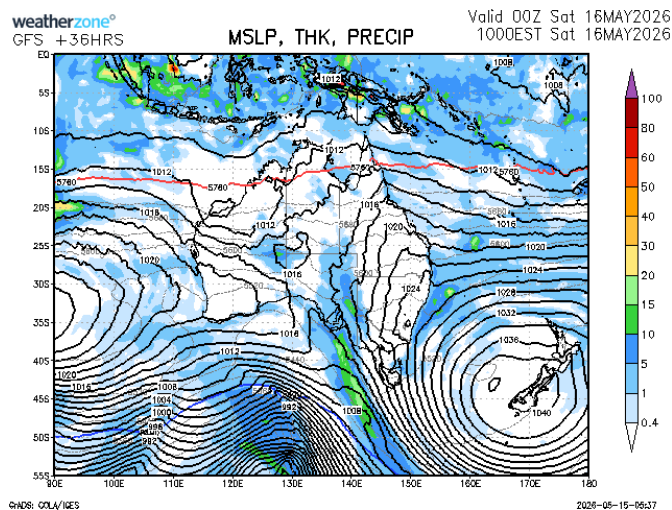
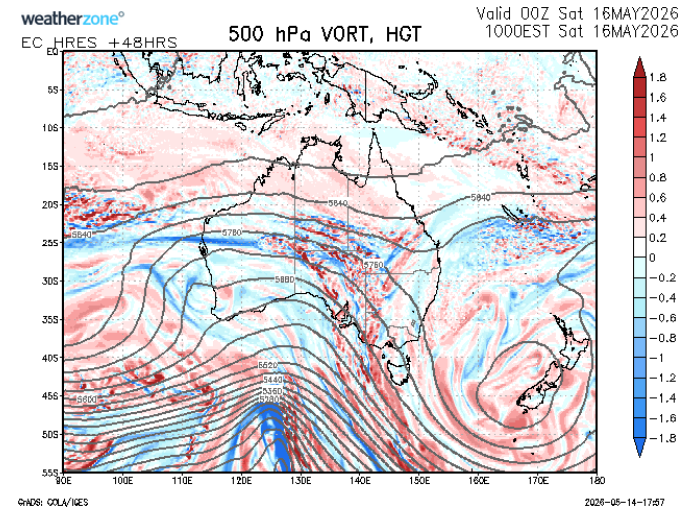
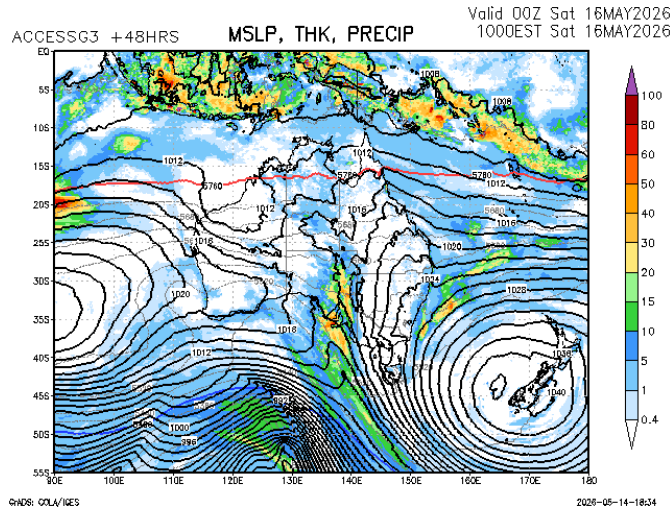


Chart Discussion: Fri-15-May-2026 (Harvey Stern)

NWP Models: Sun-17-May-2026

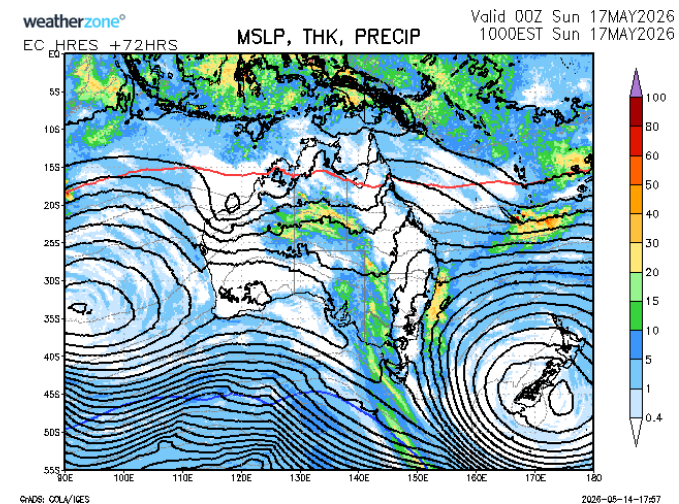
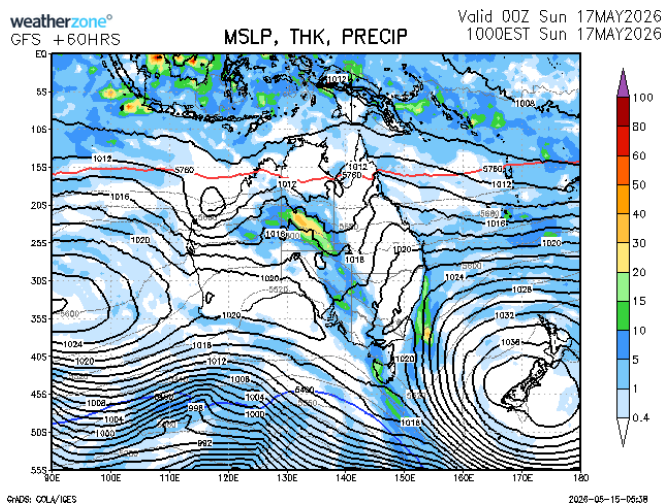
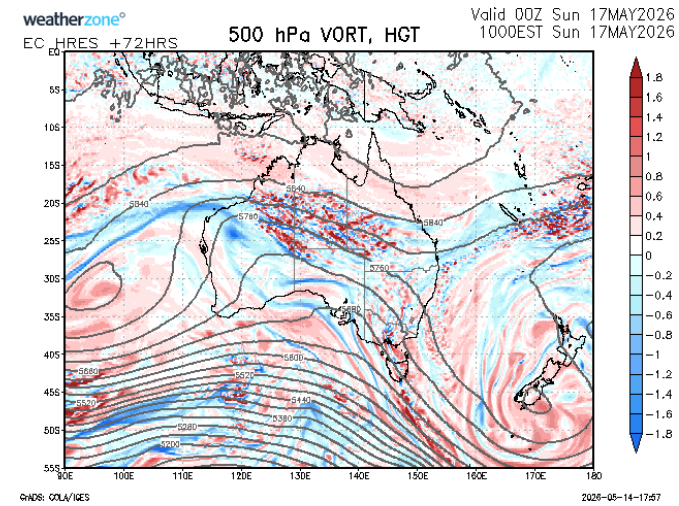
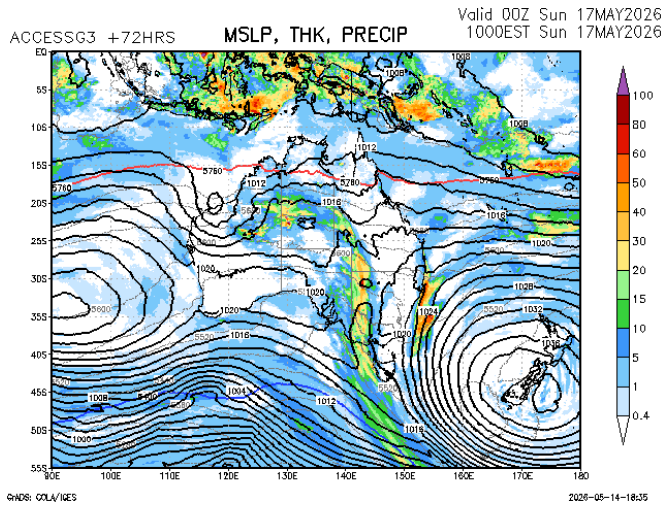


Chart Discussion: Fri-15-May-2026 (Harvey Stern)

NWP Models: Mon-18-May-2026

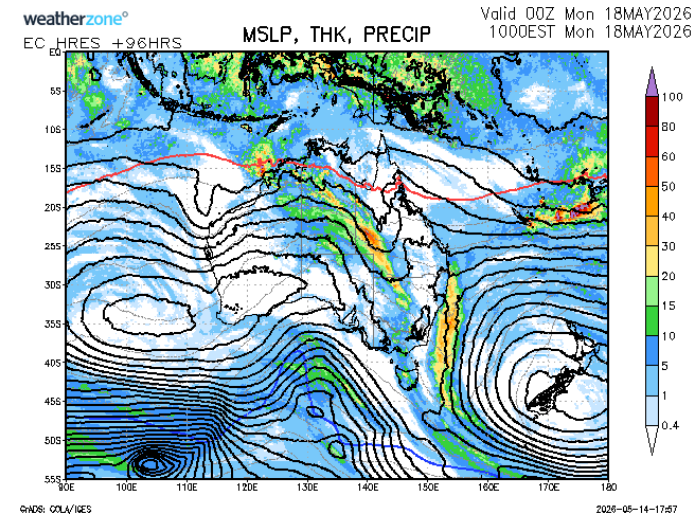
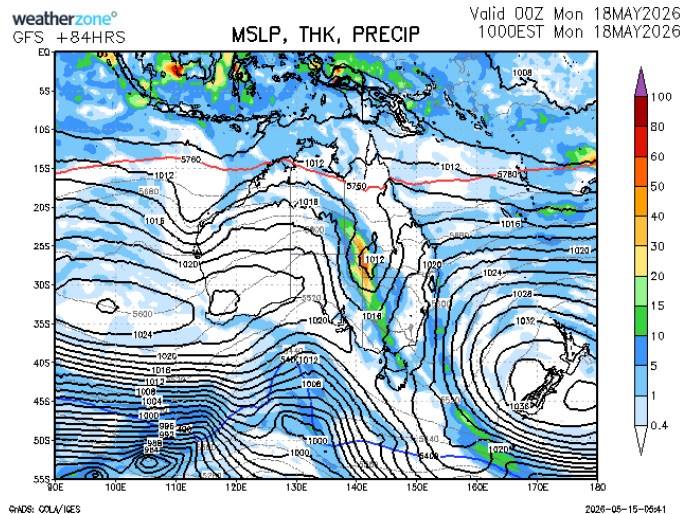
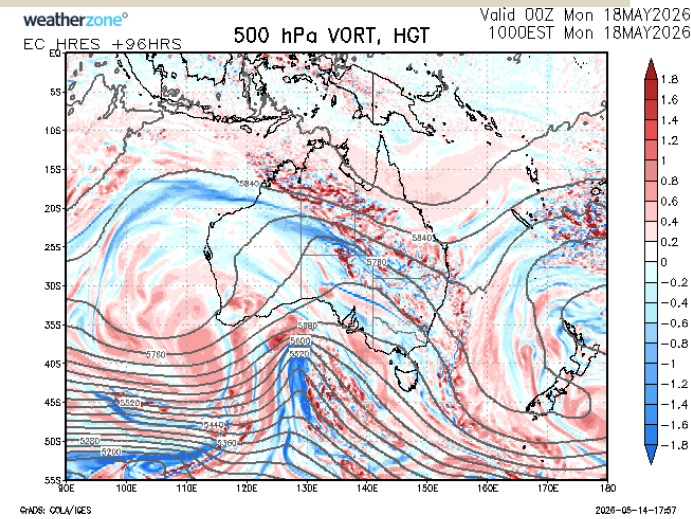
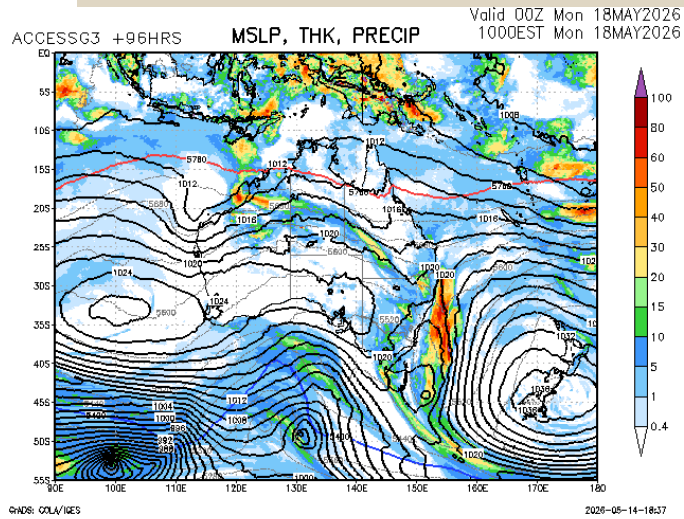


Chart Discussion: Fri-15-May-2026 (Harvey Stern)

NWP Models: Tue-19-May-2026

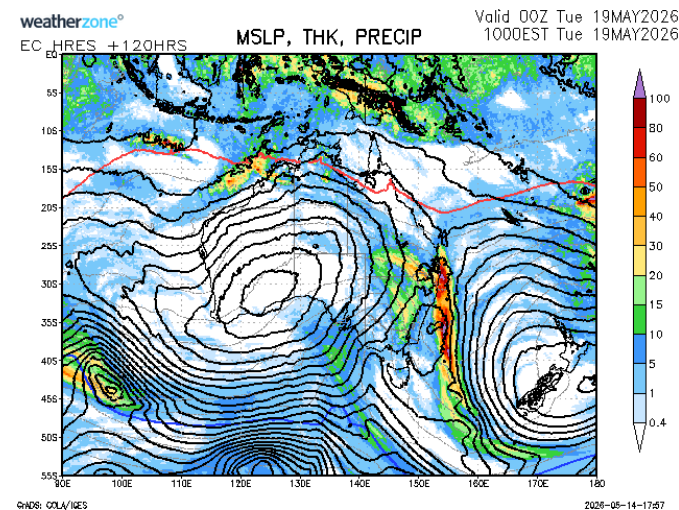
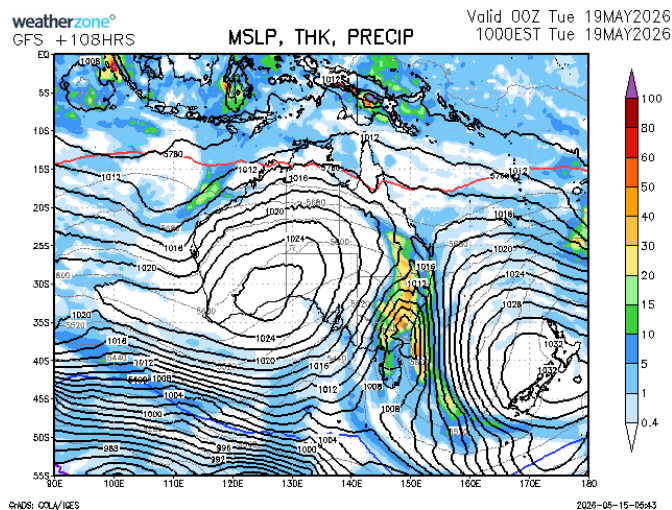
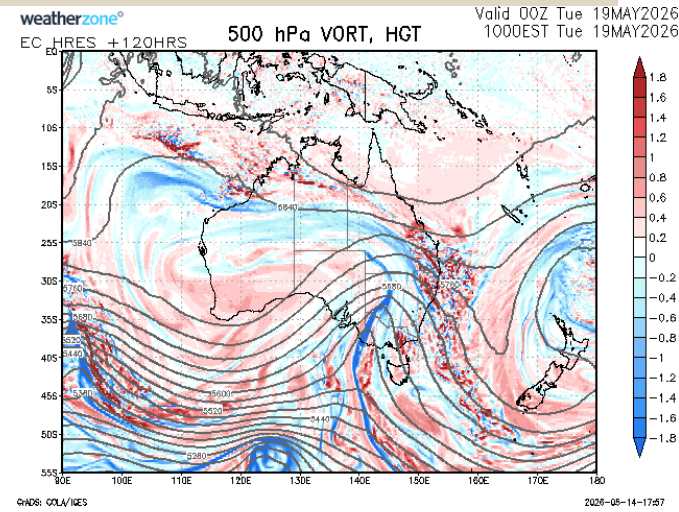
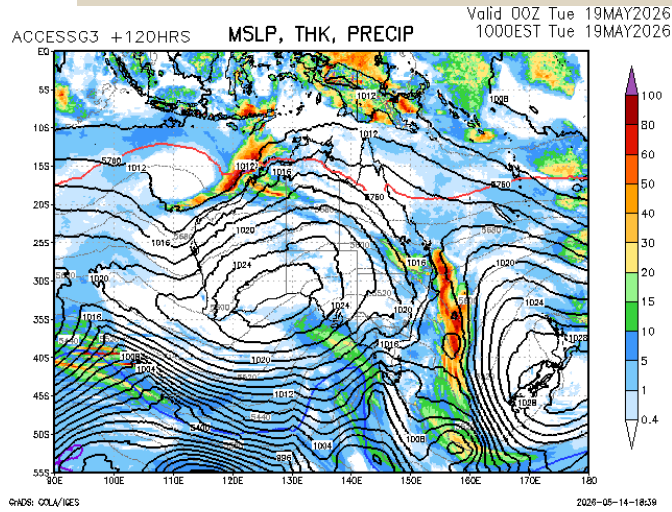
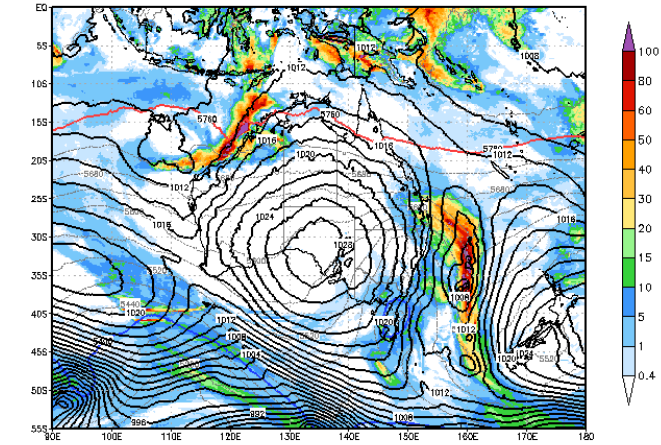


Chart Discussion: Fri-15-May-2026 (Harvey Stern)

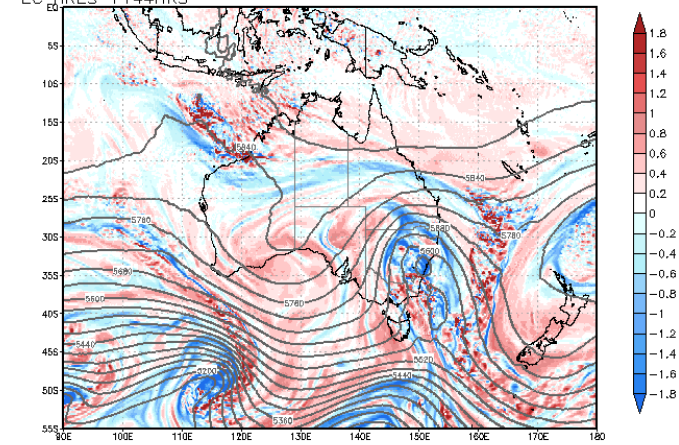
NWP Models: Wed-20-May-2026

ACCESSG3 +144HRS MSLP, THK, PRECIP Valid 00Z Wed 20MAY2026
1000EST Wed 20MAY2026



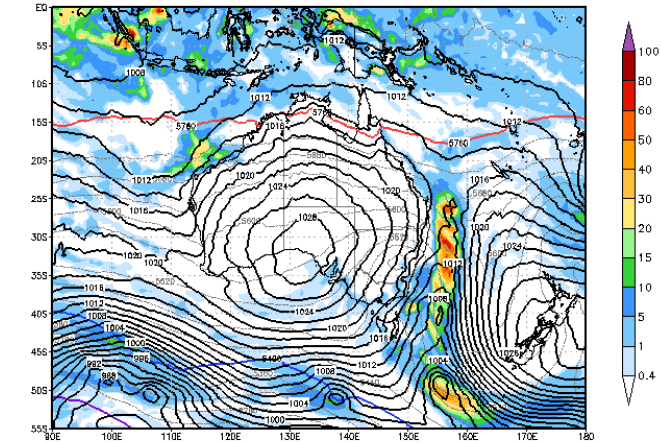
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weatherzone[®] EC_HRES +144HRS 500 hPa VORT, HGT Valid 00Z Wed 20MAY2026
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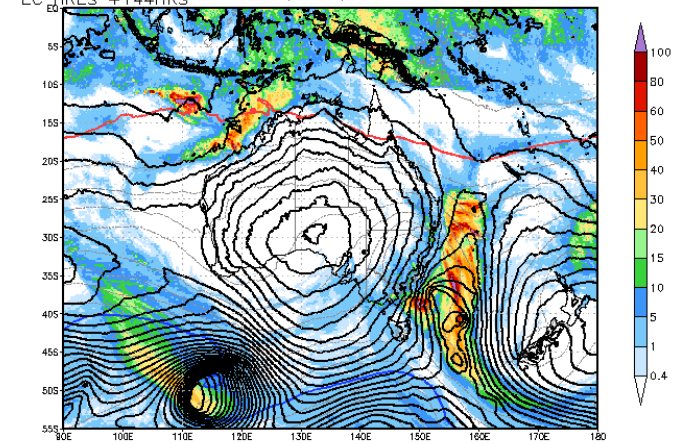
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weatherzone[®] GFS +132HRS MSLP, THK, PRECIP Valid 00Z Wed 20MAY2026
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CHDS: COLA/IES 2025-05-15-0545

weatherzone[®] EC_HRES +144HRS MSLP, THK, PRECIP Valid 00Z Wed 20MAY2026
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CHDS: COLA/IES 2025-05-14-1767

Chart Discussion: Fri-15-May-2026 (Harvey Stern)

NWP Models: Thu-21-May-2026

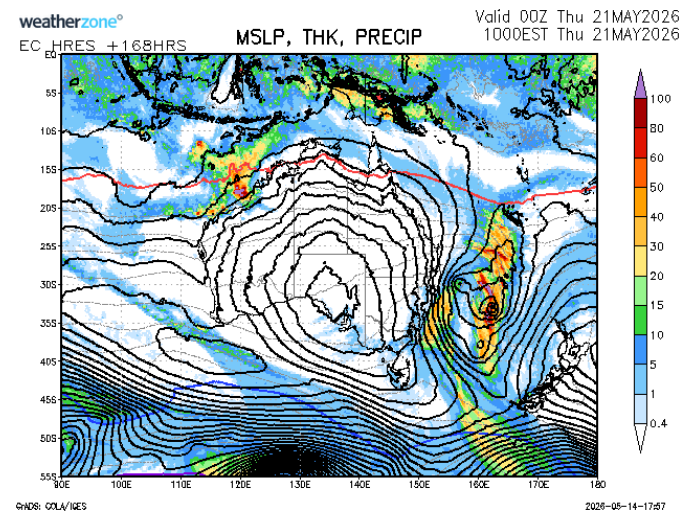
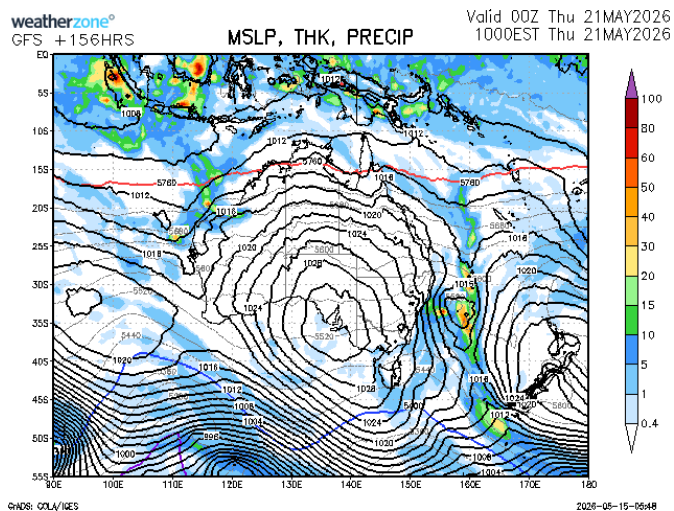
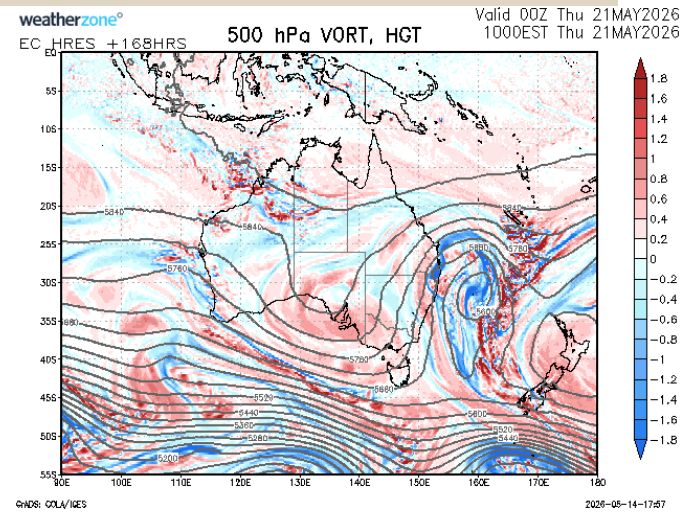
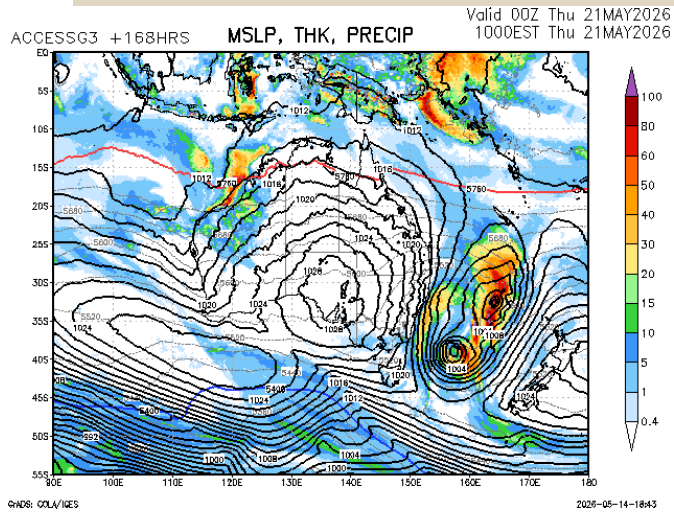


Chart Discussion: Fri-15-May-2026 (Harvey Stern)

NWP Models: Fri-22-May-2026

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

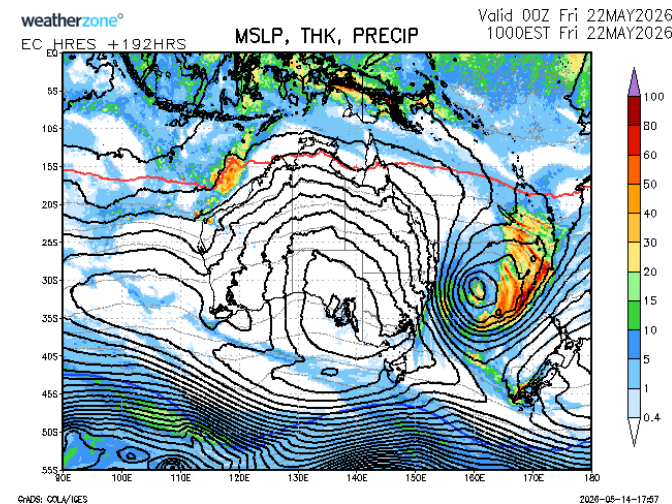
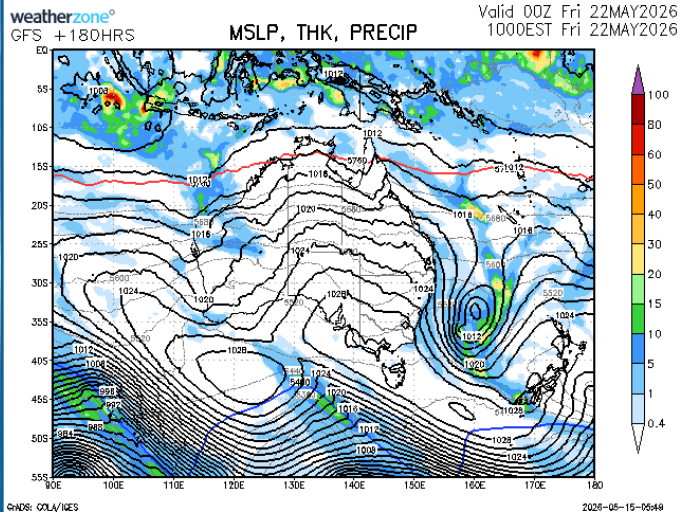
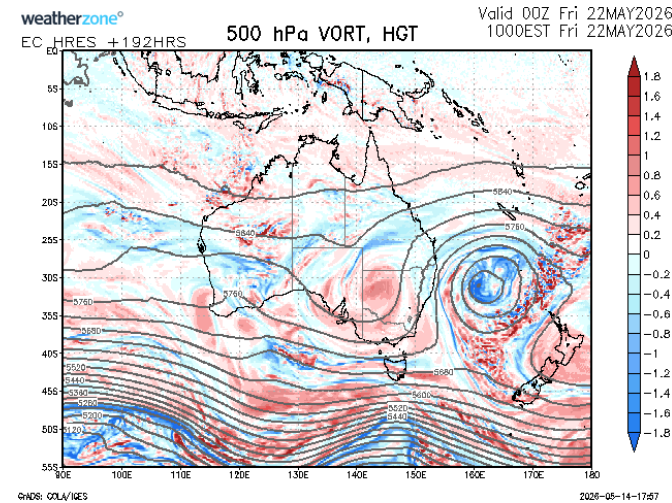
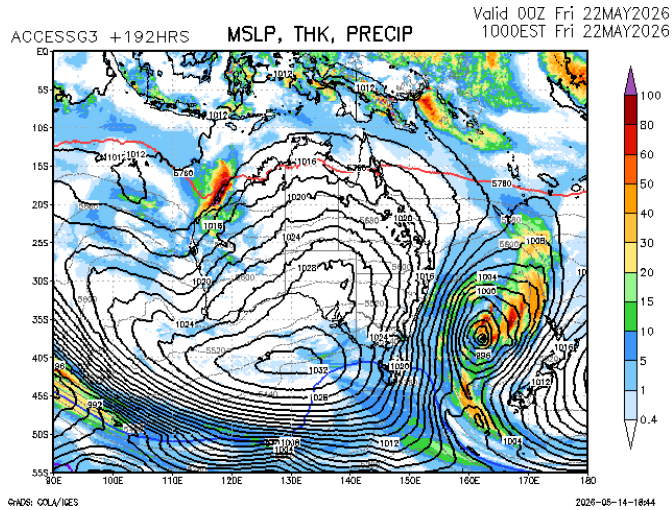


Chart Discussion: Fri-15-May-2026 (Harvey Stern)

NWP Models: Sat-23-May-2026

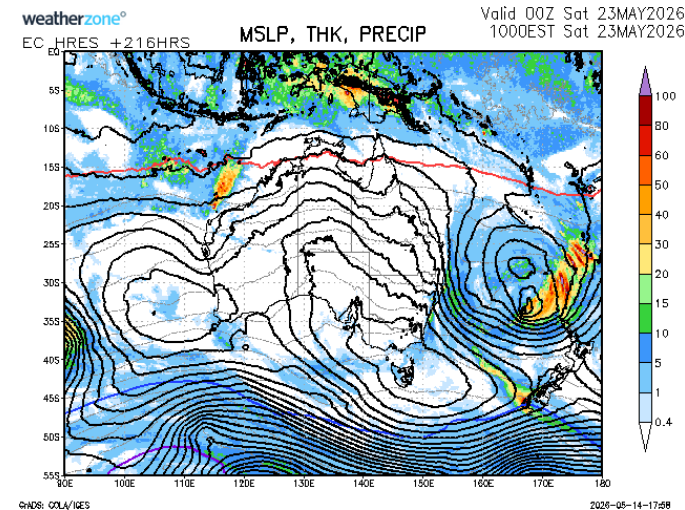
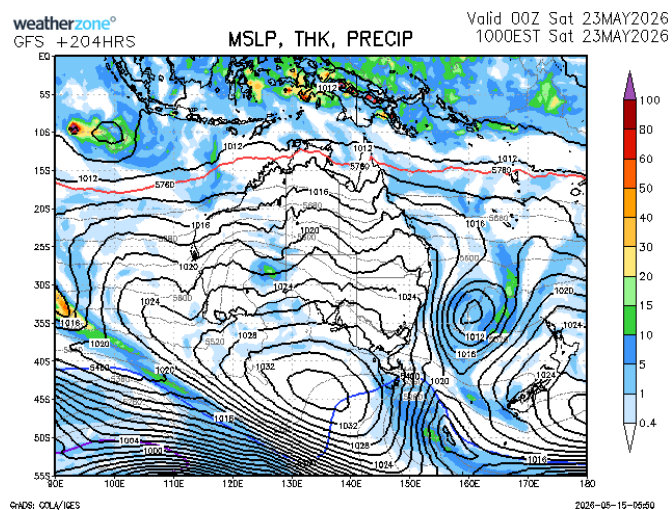
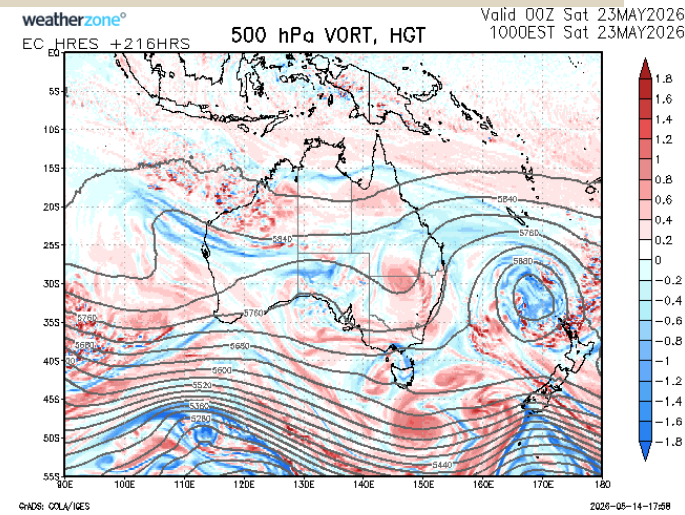
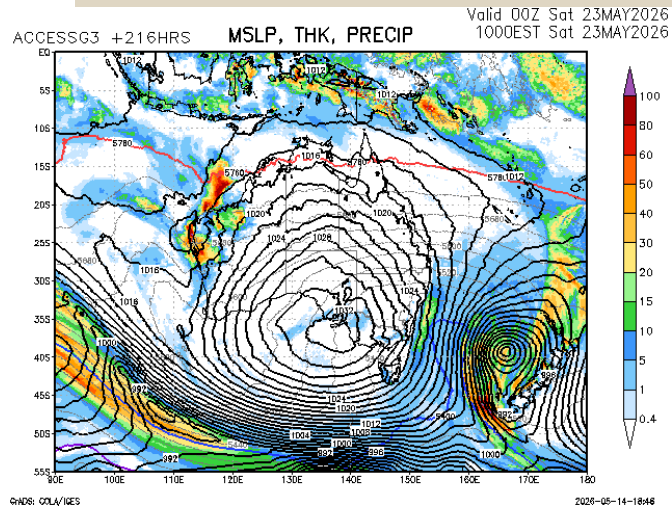
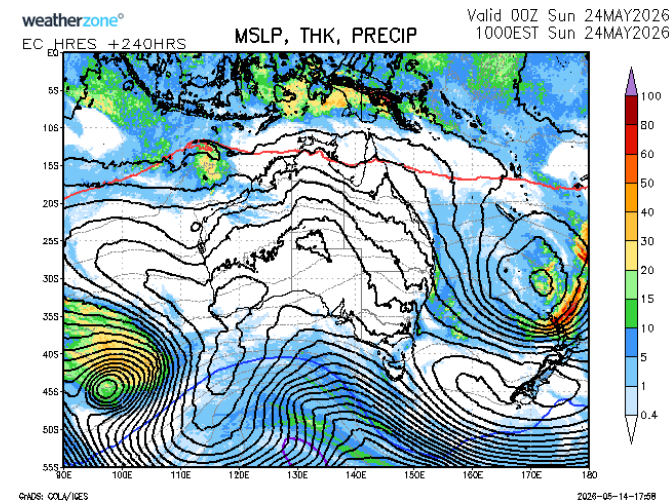
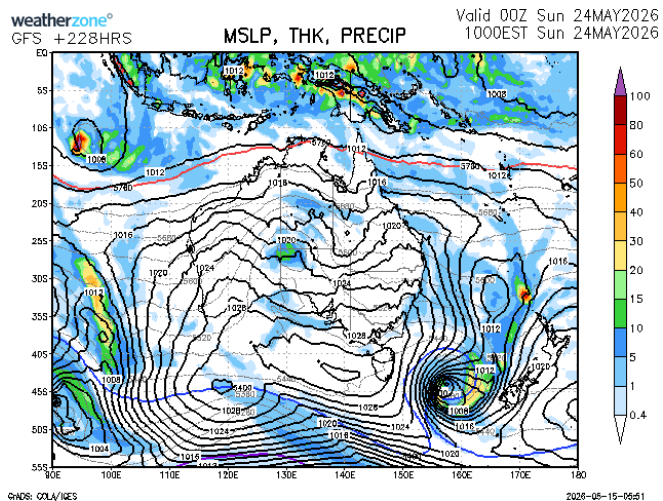
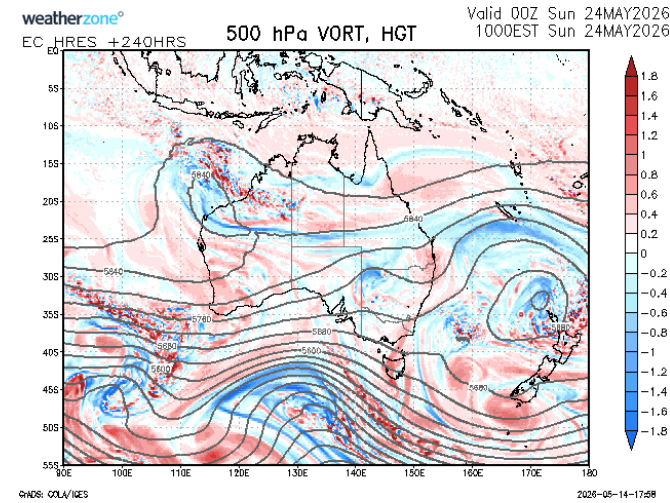
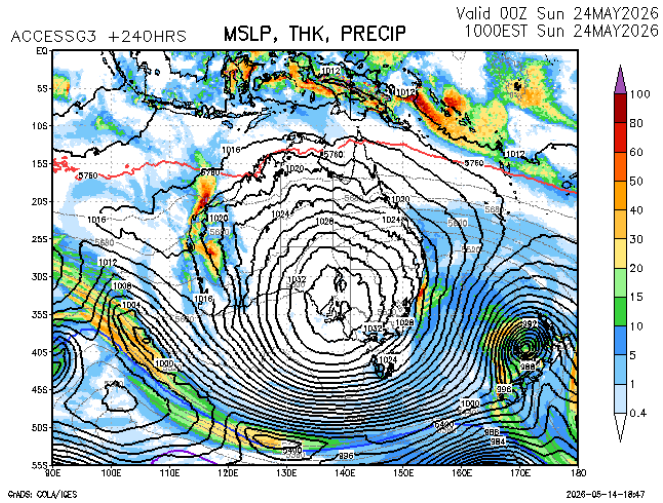
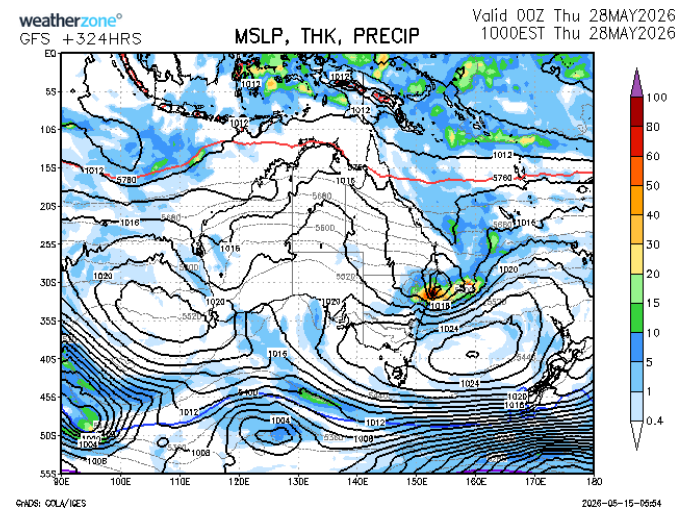
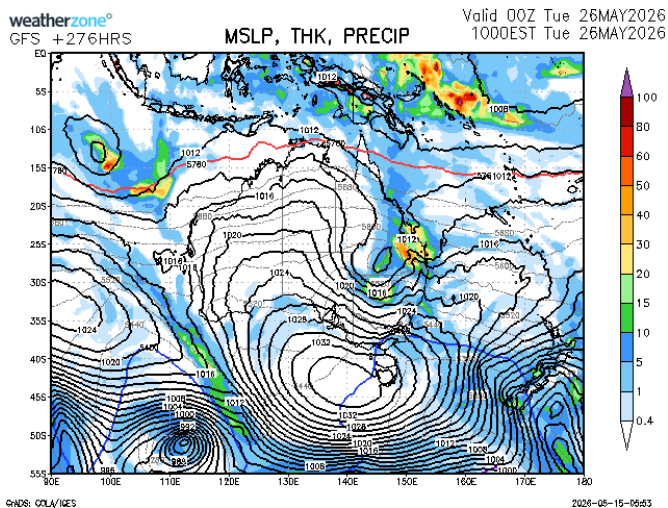
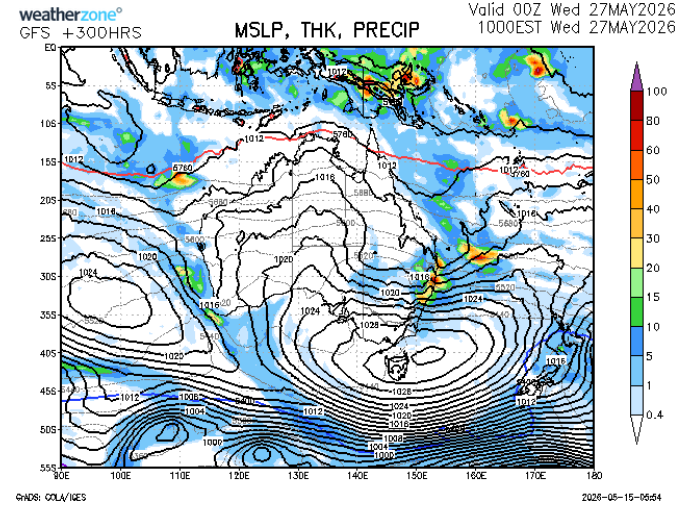
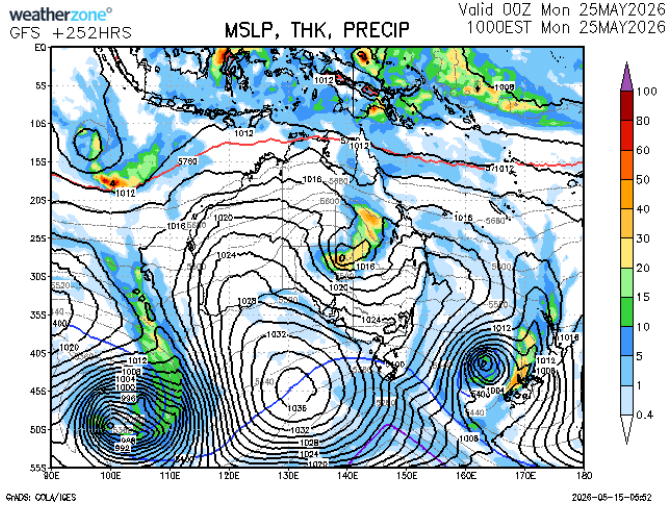


Chart Discussion: Fri-15-May-2026 (Harvey Stern)

NWP Models: Sun-24-May-2026



GFS NWP Model MSL Pressure: Mon-25-May-2026 to Thu-28-May-2026






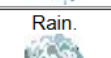

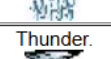








Next Two Week's GFS Melbourne Forecast (1)

NOAA Data At: **14-May-2026**

Minimum temperatures are for the night/early morning, maximum temperatures are for the daytime, whilst precipitation amounts and probabilities are for the 24 hours from midnight.






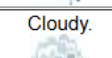

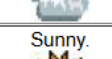






Temperatures for the Melbourne observation site (at Olympic Park) are in brackets.

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-15-5-2026	Fog. 	Partly Cloudy. 	11.2 (10.6)	22.7 (22.4)	0	9	N 15 NNE 15 Gusts45
Sat-16-5-2026	Cloudy. 	Shower. 	14 (13.4)	22.4 (22.5)	0.2	52	N 25 N 25 Gusts55
Sun-17-5-2026	Rain. 	Rain. 	15.6 (15)	20 (19.5)	7.3	83	N 15 NNW 15 Gusts40
Mon-18-5-2026	Shower. 	Thunder. 	14.3 (13.7)	18.6 (18.2)	2.5	68	N 12 NNE 15 Gusts45
Tue-19-5-2026	Shower. 	Rain. 	12.7 (12.2)	18.1 (17.7)	5	77	VRB 3 S 10 Gusts30
Wed-20-5-2026	Rain. 	Rain. 	13.5 (13.2)	18.3 (17.6)	2.4	73	SW 5 S 15 Gusts35
Thu-21-5-2026	Shower. 	Shower. 	12.6 (12.4)	18 (16.8)	2.3	64	SSW 20 S 25 Gusts50

NOAA Data At: **14-May-2026**

Minimum temperatures are for the night/early morning, maximum temperatures are for the daytime, whilst precipitation amounts and probabilities are for the 24 hours from midnight.

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-22-5-2026	Possible Shower. 	Partly Cloudy. 	10.4 (10.1)	15.8 (14.9)	0	48	SW 5 S 12 Gusts30
Sat-23-5-2026	Shower. 	Shower. 	9.6 (9.4)	16.6 (16)	1.5	65	WNW 15 WSW 15 Gusts40
Sun-24-5-2026	Drizzle. 	Cloudy. 	9.1 (9.1)	15 (13.8)	0.7	64	WSW 20 S 20 Gusts50
Mon-25-5-2026	Fog. 	Sunny. 	9.2 (8.8)	15.9 (15.1)	0	22	SSE 5 S 12 Gusts25
Tue-26-5-2026	Partly Cloudy. 	Shower. 	8.7 (8.3)	17.4 (17)	1.8	54	N 15 NNE 15 Gusts45
Wed-27-5-2026	Shower. 	Shower. 	10.8 (10.6)	16.3 (15.6)	1.7	65	WSW 15 SSW 20 Gusts40
Thu-28-5-2026	Shower. 	Shower. 	10.5 (10.4)	16.2 (15.1)	1.4	64	WSW 15 SSW 20 Gusts40

Melbourne Long Range Forecast for the Upcoming Period

Thank You . . .