

CHART DISCUSSION 27-Feb-2026

Melbourne Long Range Forecast for the Upcoming Period

















This Week's GFS Melbourne Forecast

NOAA Data At: **26-Feb-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-27-2-2026 | Shower.  | Thunder.  | 17.9 (17) | 28.8 (28.1) | 4.1 | 62 | SSW 8 SSE 15 Gusts40 |
| Sat-28-2-2026 | Partly Cloudy.  | Cloudy.  | 19.6 (18.5) | 30.8 (30.1) | 0 | 38 | N 20 N 25 Gusts60 |
| Sun-1-3-2026 | Partly Cloudy.  | Shower.  | 21.8 (20.8) | 29.6 (29.2) | 0.4 | 51 | N 15 NNE 15 Gusts45 |
| Mon-2-3-2026 | Rain.  | Thunder.  | 22 (21.2) | 28 (27.1) | 10.7 | 84 | N 20 N 15 Gusts45 |
| Tue-3-3-2026 | Shower.  | Thunder.  | 19.1 (18.4) | 26.6 (25.5) | 2.8 | 60 | NNW 5 SW 15 Gusts40 |
| Wed-4-3-2026 | Shower.  | Shower.  | 17.5 (17) | 25.3 (24.1) | 1.1 | 56 | SW 5 S 15 Gusts35 |
| Thu-5-3-2026 | Sunny.  | Partly Cloudy.  | 15.7 (15.3) | 24.8 (23.8) | 0 | 19 | WSW 8 S 12 Gusts30 |

NOAA Data At: **26-Feb-2026**

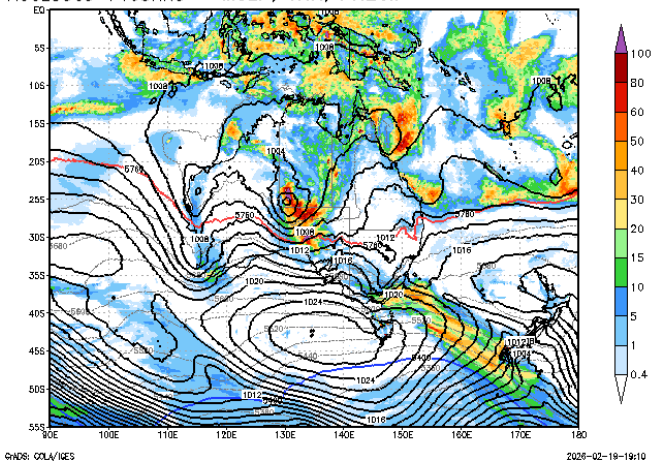
Minimum temperatures are for the night/early morning, maximum temperatures are for the daytime, whilst precipitation amounts and probabilities are for the 24 hours from midnight.

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

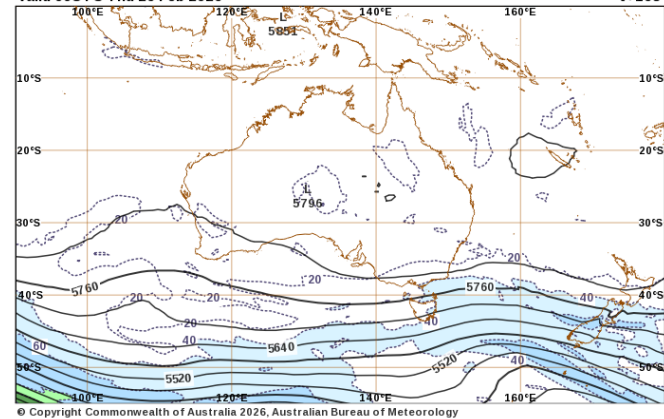
| Day & Date | Morning | Afternoon | Min Temp (deg C) | Max Temp (deg C) | Precip Amount (mm) | Precip Prob (%) | 9am Wind/3pm Wind Melb Apt (km/hr) |
|---------------|---|--|------------------|------------------|--------------------|-----------------|------------------------------------|
| Fri-6-3-2026 | Fog.  | Sunny.  | 15.7 (15.2) | 24.4 (23.2) | 0 | 17 | SW 5 S 12 Gusts30 |
| Sat-7-3-2026 | Partly Cloudy.  | Sunny.  | 15.8 (15.3) | 23.5 (22.2) | 0 | 18 | SSW 10 S 20 Gusts35 |
| Sun-8-3-2026 | Partly Cloudy.  | Sunny.  | 15.2 (14.6) | 24.7 (23.5) | 0 | 15 | SSE 10 S 15 Gusts35 |
| Mon-9-3-2026 | Partly Cloudy.  | Partly Cloudy.  | 15.2 (14.6) | 28.6 (27.7) | 0 | 22 | N 10 NE 12 Gusts35 |
| Tue-10-3-2026 | Sunny.  | Partly Cloudy.  | 17.3 (16.9) | 26.7 (25.8) | 0 | 19 | WNW 15 WSW 15 Gusts40 |
| Wed-11-3-2026 | Fog.  | Sunny.  | 15.3 (14.8) | 23.9 (22.7) | 0 | 22 | SW 5 S 12 Gusts30 |
| Thu-12-3-2026 | Fog.  | Haze.  | 13.9 (13.4) | 24.8 (23.7) | 0 | 18 | NW 5 SSE 10 Gusts30 |

Last Week's NWP Models: Thu-26-Feb-2026

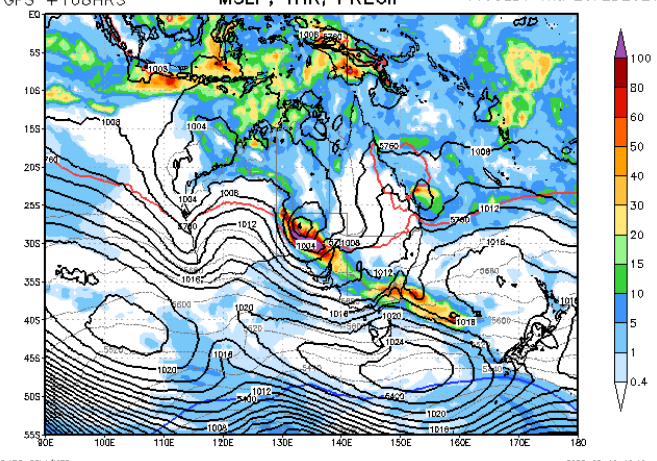
ACCESSG3 +168HRS MSLP, THK, PRECIP Valid 00Z Thu 26FEB2026
1100EDT Thu 26FEB2026



500hPa Height (m) / Wind (knots) ACCESS-G t+168 Valid 00UTC Thu 26 Feb 2026



weatherzone® GFS +168HRS MSLP, THK, PRECIP Valid 00Z Thu 26FEB2026
1100EDT Thu 26FEB2026



weatherzone® EC_HRES +168HRS MSLP, THK, PRECIP Valid 00Z Thu 26FEB2026
1000EST Thu 26FEB2026

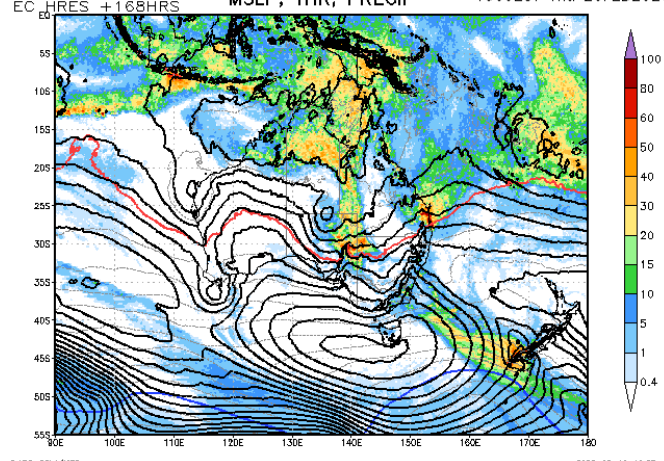


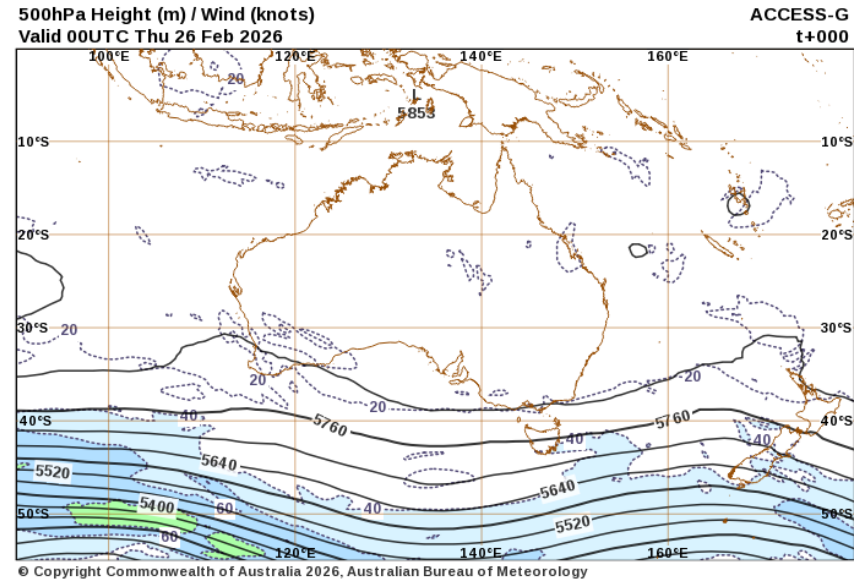
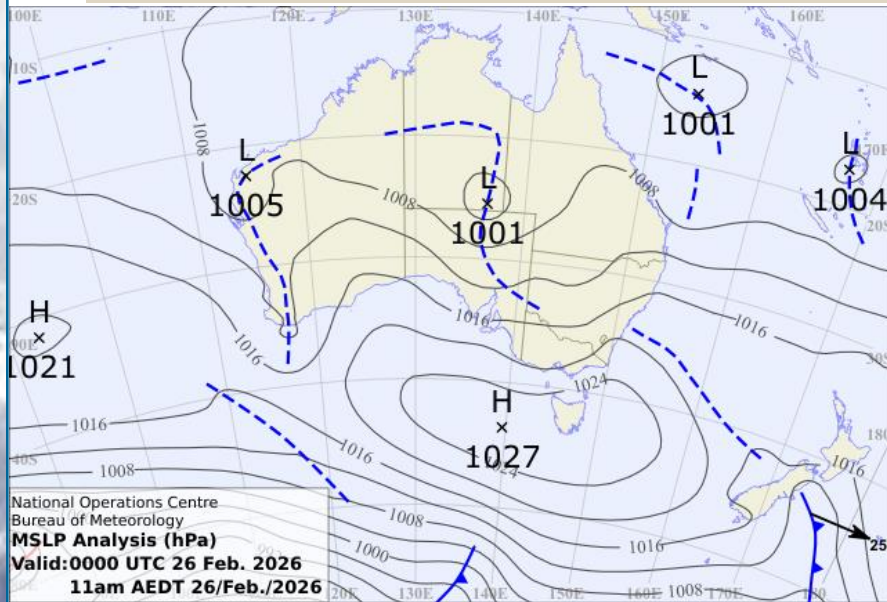
Chart Discussion: Fri-27-Feb-2026 (Harvey Stern)

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

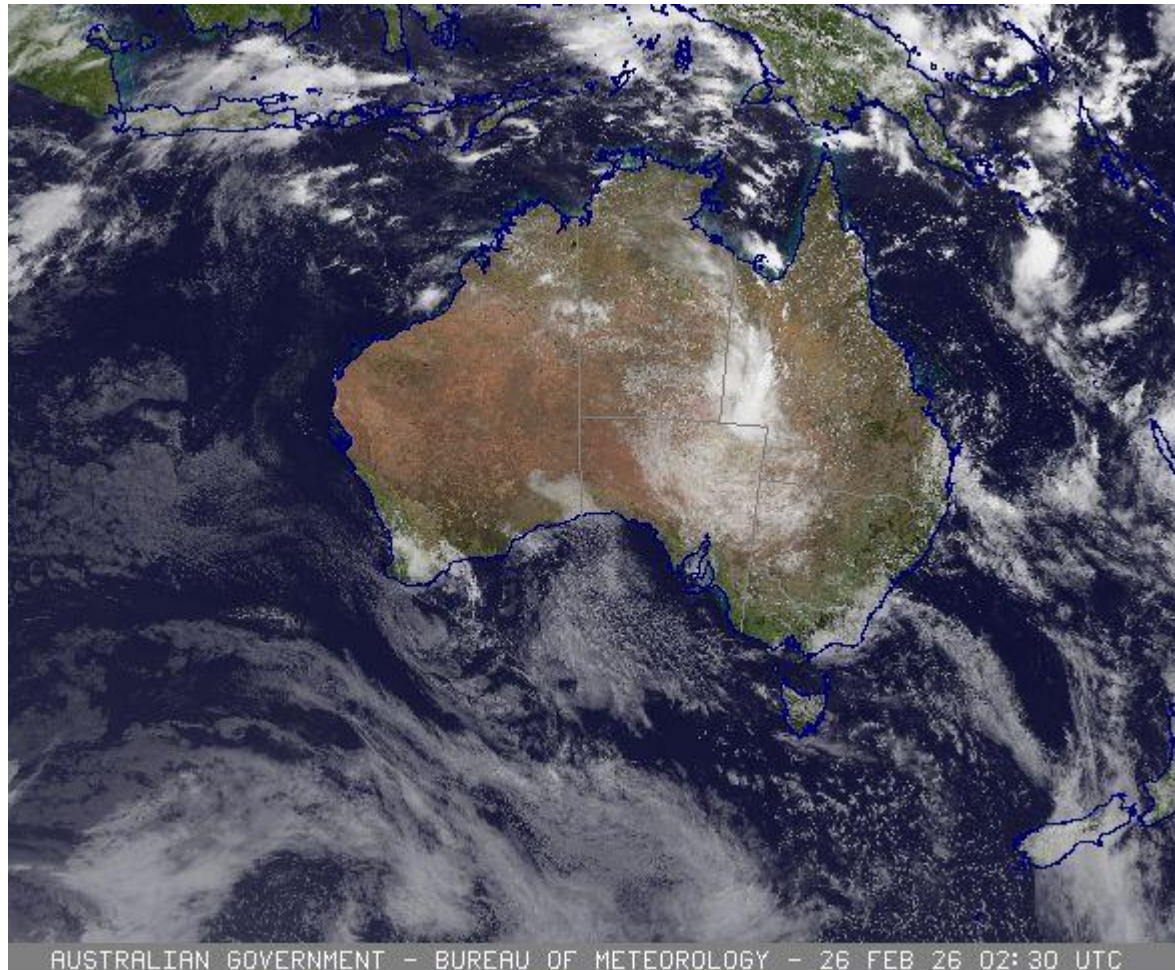
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<https://meteologix.com/au/model-charts/standard/australia/geopotential-height-500hpa.html>

Yesterday's Analyses: Thu-26-Feb-2026



Yesterday's Satellite Image: Thu-26-Feb-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)

Current sea surface temperature anomaly distribution:

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

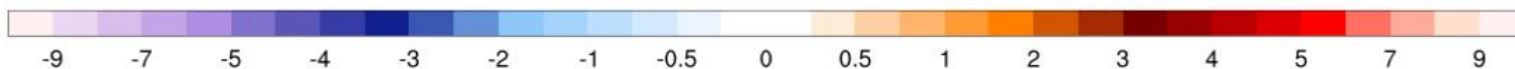
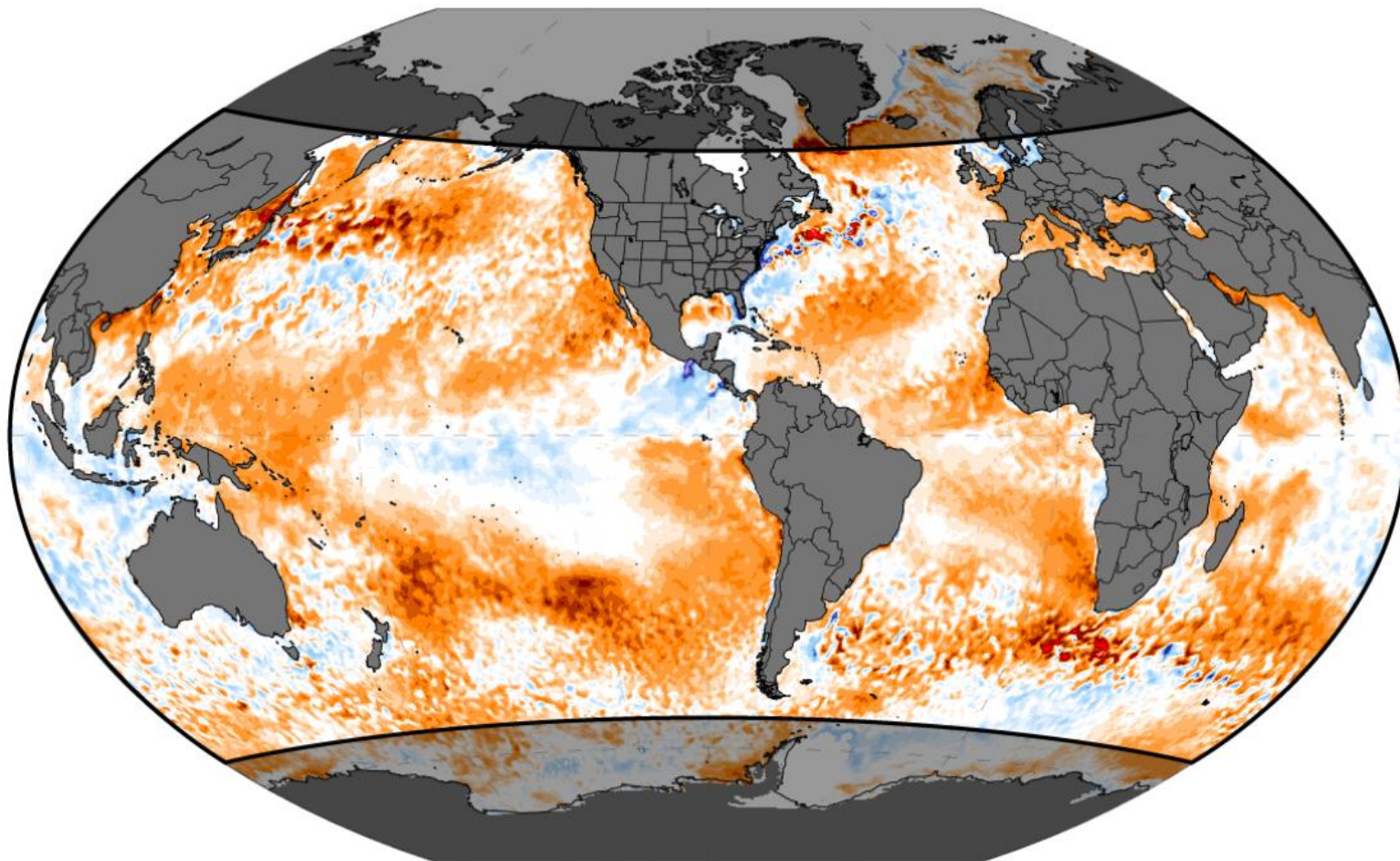
https://climatereanalyzer.org/clim/sst_daily/?dm_id=world2

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

Wed, Feb 25, 2026 | 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

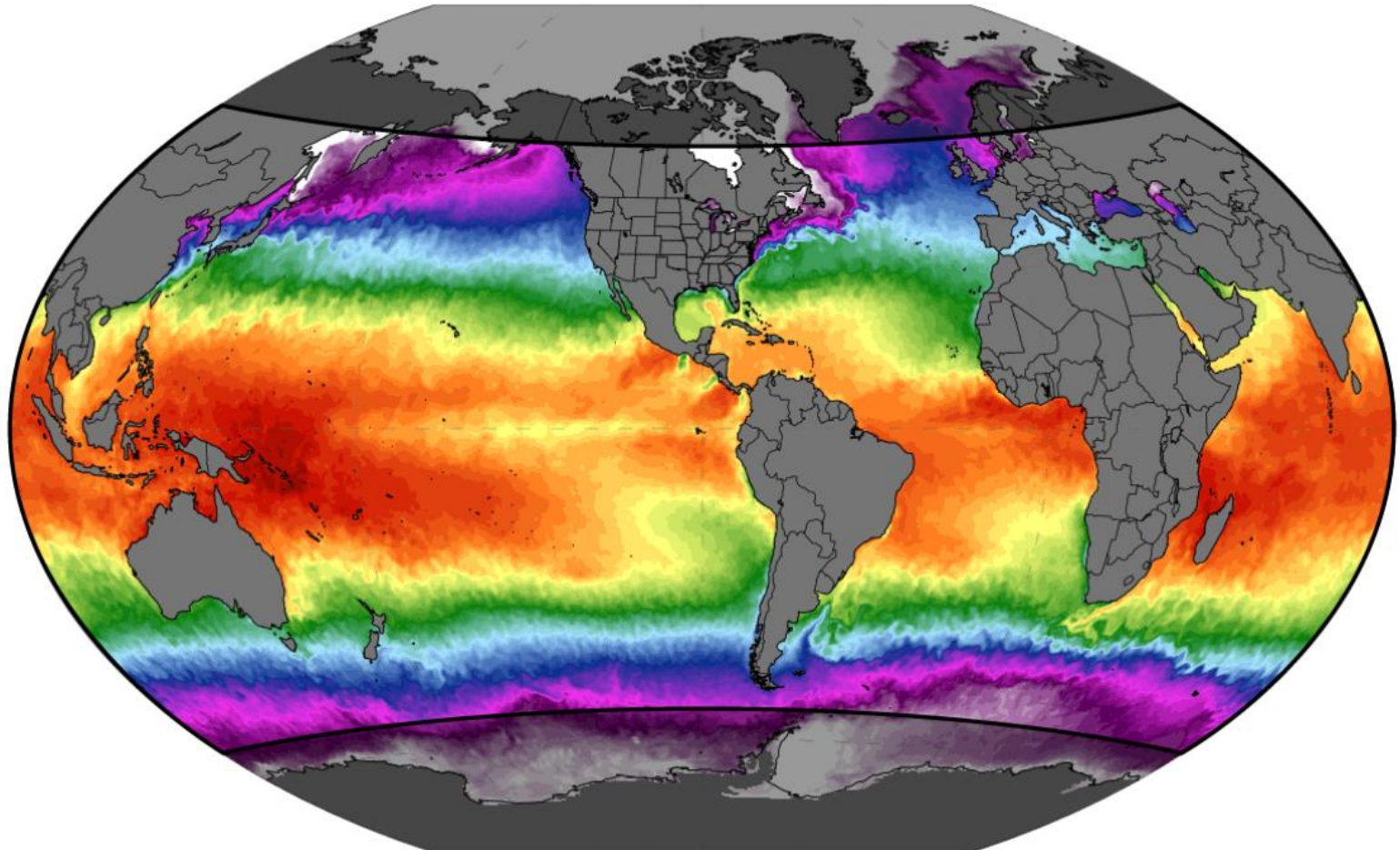
https://climatereanalyzer.org/clim/sst_daily/?dm_id=world2

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

Wed, Feb 25, 2026 | 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=iod>

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

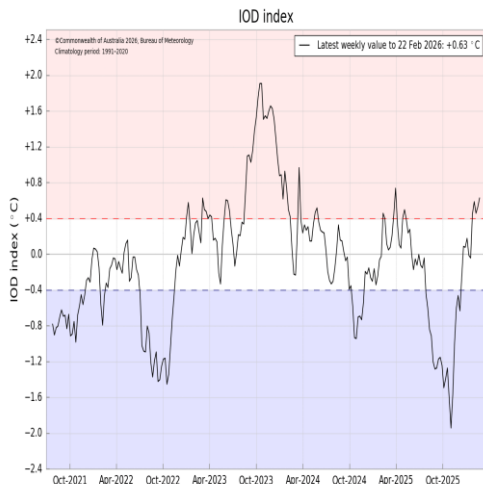
<http://reg.bom.gov.au/climate/enso/#tabs=Pacific-Ocean&pacific=SOI>

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

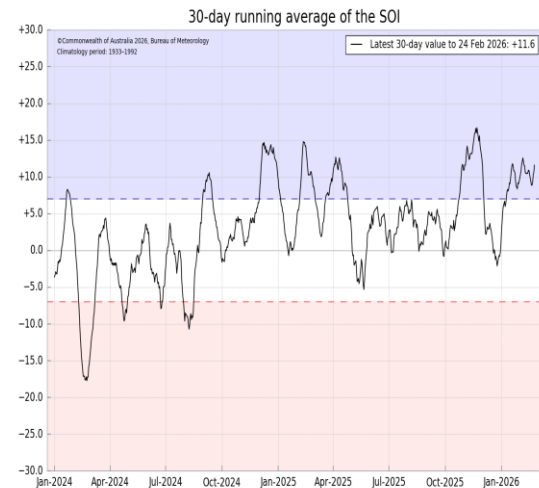
Multivariate Enso Index = -1.16

n/a

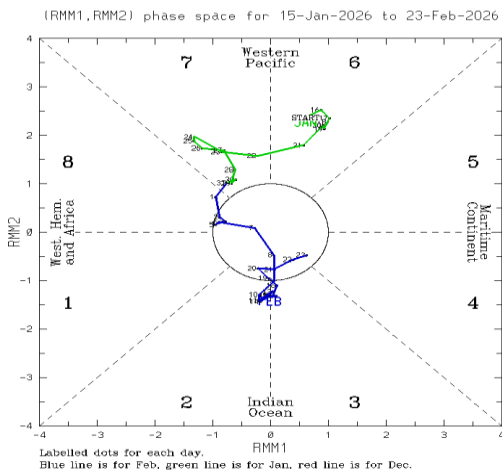
Indian Ocean Dipole= +0.63 deg C



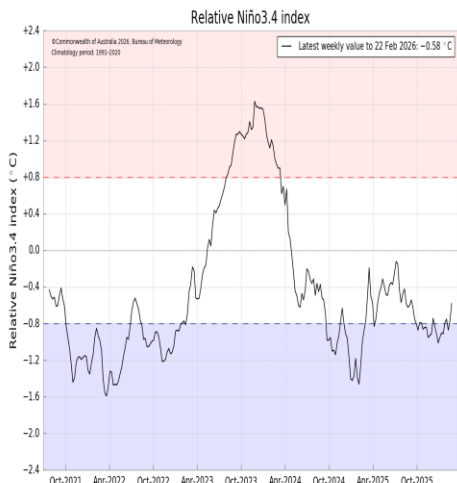
SOI +11.6 (30) +5.34 (90)



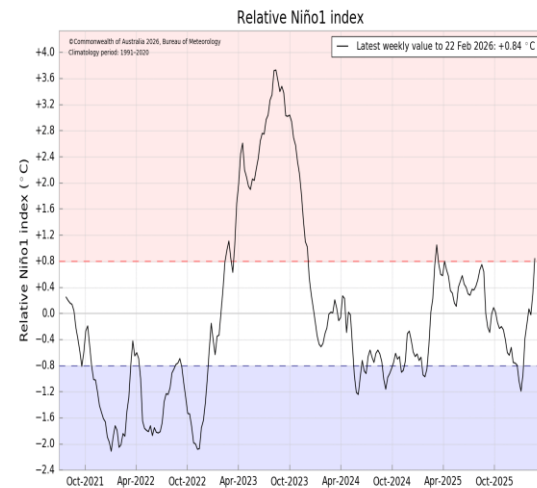
MADDEN JULIAN OSCILLATION: 4 W Maritime C



SST IN CENTRAL PACIFIC: -0.58 deg C



SST CLOSE TO SOUTH AMERICA: 0.84 deg C



Seasonal Outlook for Victoria

The average Indian Ocean Dipole Mode Index for the past week is 0.63 (1.21 standard deviations), the average Southern Oscillation Index (SOI) for the past 90 days is 5.34, the average SOI for the past 30 days is 11.6, and the latest recorded bimonthly Multivariate ENSO Index (MEI) is -1.16. The expected MEI, adjusted by the Indian Ocean Dipole Mode Index and also by recent values of the SOI, for JAN/FEB is 0.03.

Such a value of MEI indicates a sea surface temperature distribution that corresponds to neither a La Niña nor an El Niño.

This suggests:

RAINFALL: There is an enhanced chance that total MAR/APR/MAY rainfall will be close to normal in the NORTHERN COUNTRY and EAST GIPPSLAND Districts, but there is little indication as to whether rainfall will be below, near or above normal in other Victorian Districts.

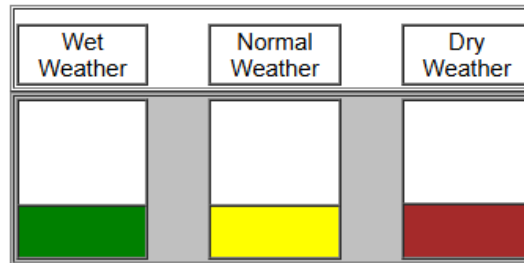
OVERNIGHT TEMPERATURES: There is an enhanced chance that average MAR/APR/MAY overnight temperatures will be close to normal in the WIMMERA and NORTHERN COUNTRY Districts, but there is little indication as to whether overnight temperatures will be below, near or above normal in other Victorian Districts.

DAYTIME TEMPERATURES: There is an enhanced chance that average MAR/APR/MAY daytime temperatures will be close to normal in the WIMMERA, NORTH CENTRAL and WESTERN Districts, but there is little indication as to whether daytime temperatures will be below, near or above normal in other Victorian Districts.

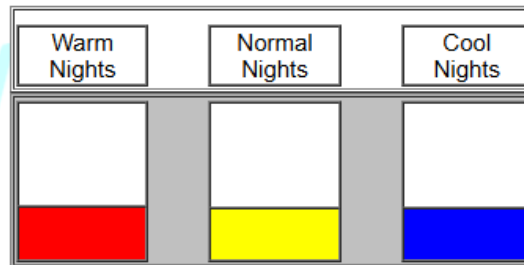
Monthly Outlook for Melbourne

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:

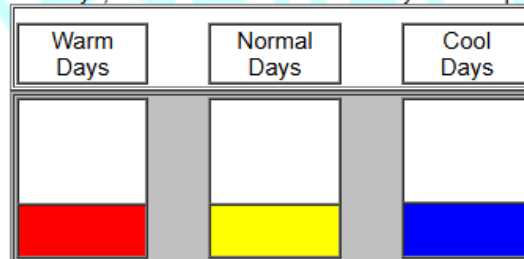
RAINFALL: There is a 33% chance of it being wet, a 33% chance of normal rainfall, and a 34% chance of it being dry.



OVERNIGHT TEMPERATURES: There is a 34% chance of warm nights, a 33% chance of normal overnight temperatures, and a 33% chance of cool nights.



DAYTIME TEMPERATURES: There is a 33% chance of warm days, a 33% chance of normal daytime temperatures, and a 34% chance of cool days.



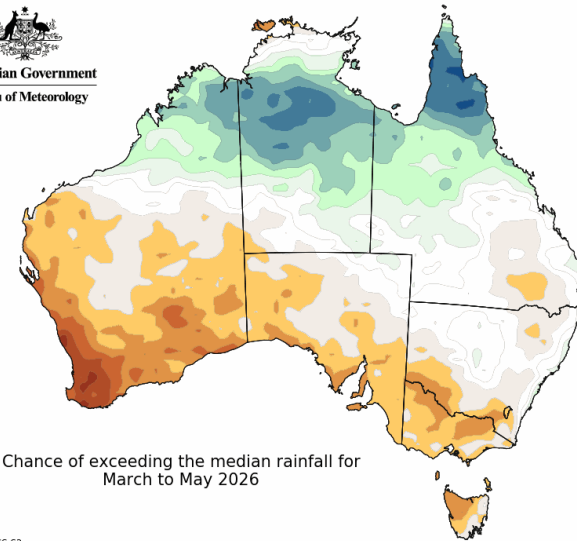
This Week's Bureau Outlook Map

<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

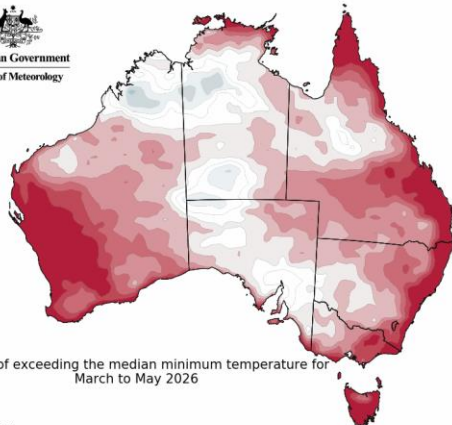


Chance of exceeding the median rainfall for
March to May 2026

Model: ACCESS-S2
Base period: 1981-2018

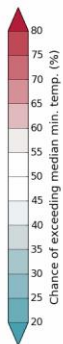
Model run: 23/02/2026
Issued: 26/02/2026

Australian Government
Bureau of Meteorology



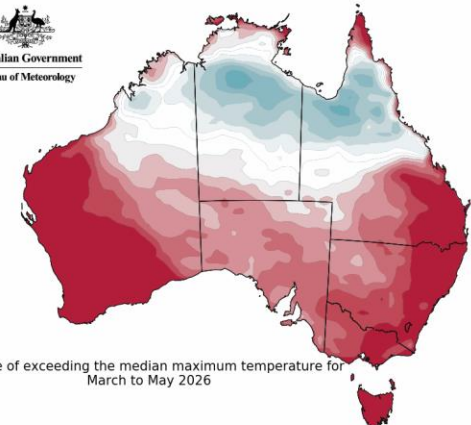
Chance of exceeding the median minimum temperature for
March to May 2026

Model: ACCESS-S2
Base period: 1981-2018



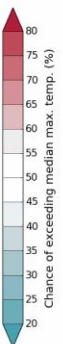
Model run: 23/02/2026
Issued: 26/02/2026

Australian Government
Bureau of Meteorology



Chance of exceeding the median maximum temperature for
March to May 2026

Model: ACCESS-S2
Base period: 1981-2018



Model run: 23/02/2026
Issued: 26/02/2026

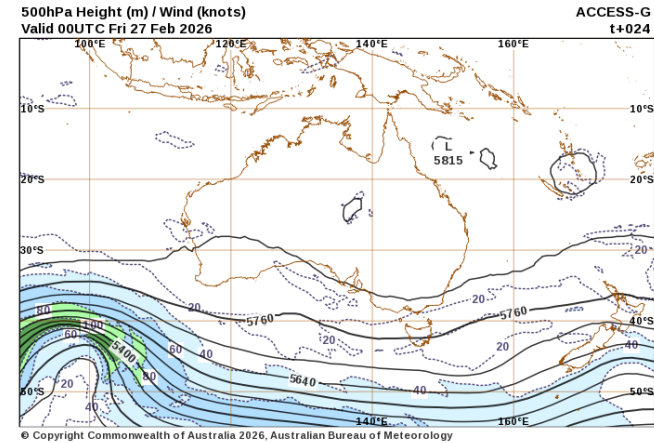
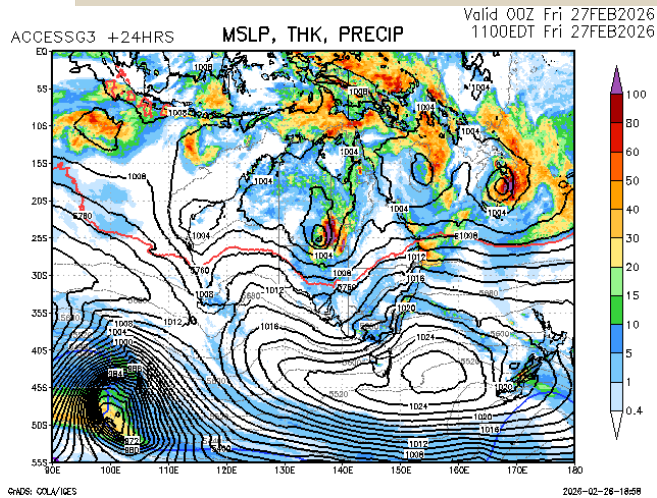
This Week's NWP Models . . .

Chart Discussion: Fri-27-Feb-2026 (Harvey Stern)

NWP Models: Fri-27-Feb-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
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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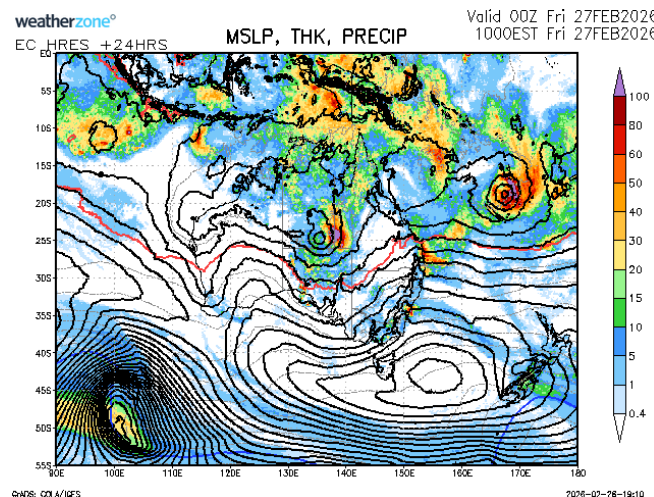
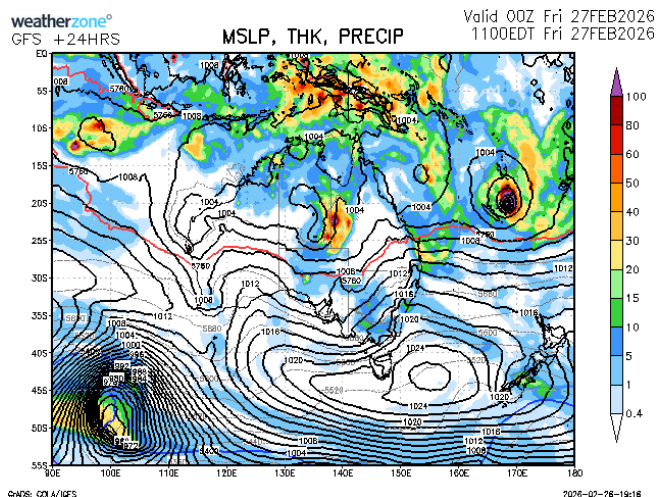


Chart Discussion: Fri-27-Feb-2026 (Harvey Stern)
NWP Models: Sat-28-Feb-2026

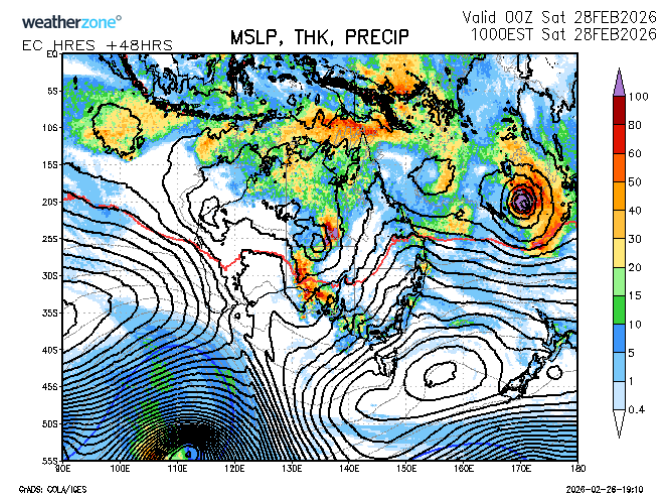
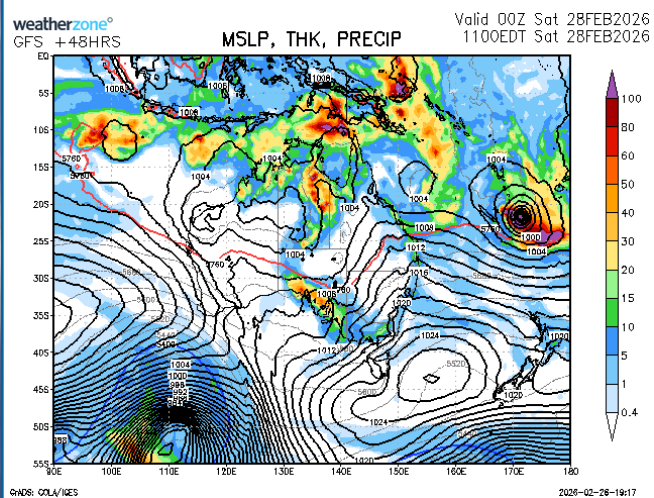
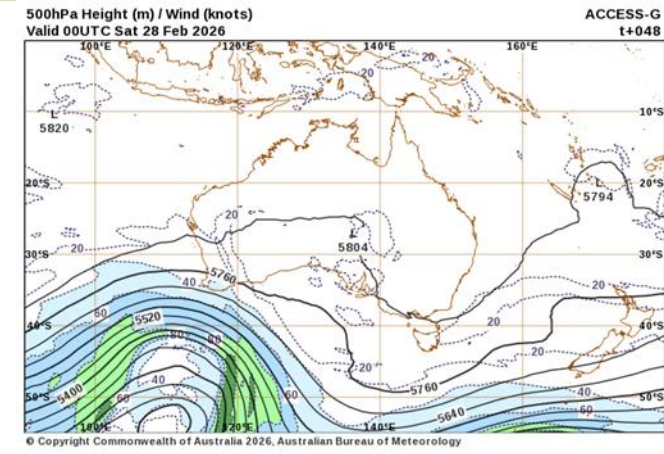
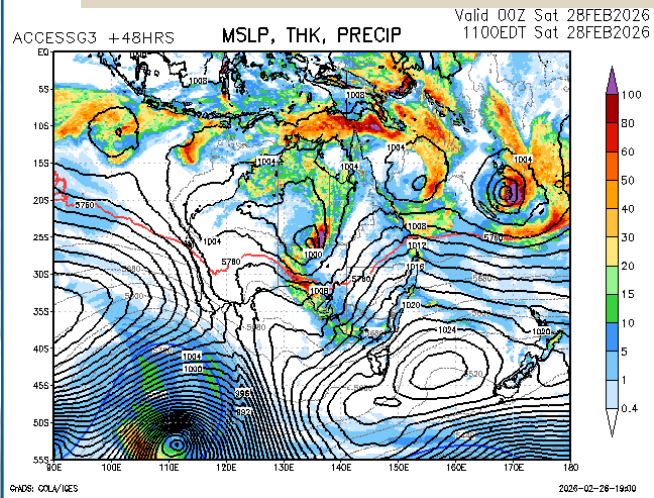


Chart Discussion: Fri-27-Feb-2026 (Harvey Stern)

NWP Models: Sun-01-Mar-2026

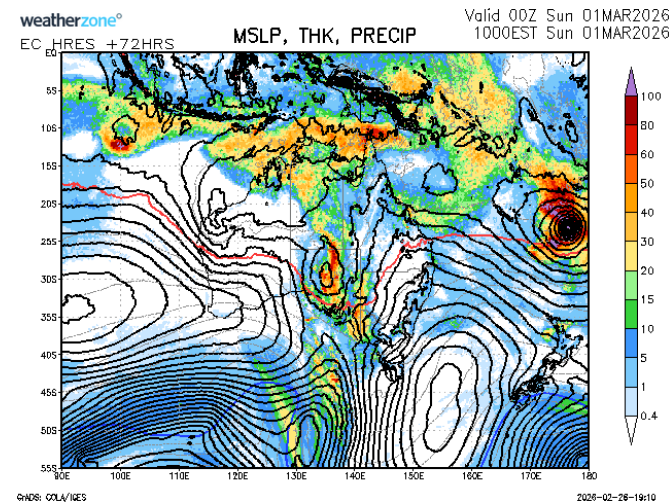
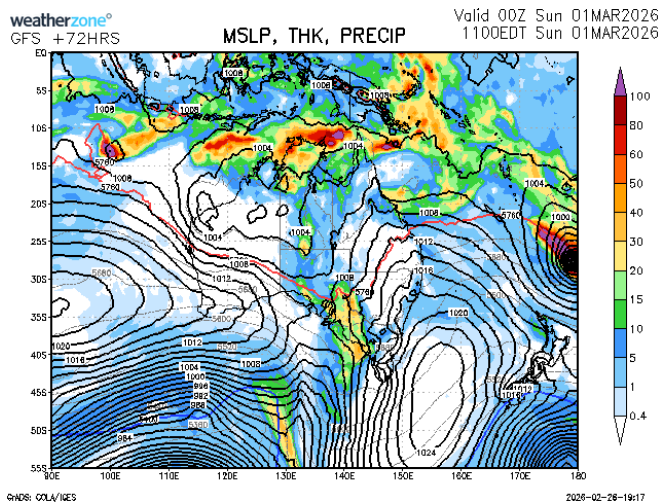
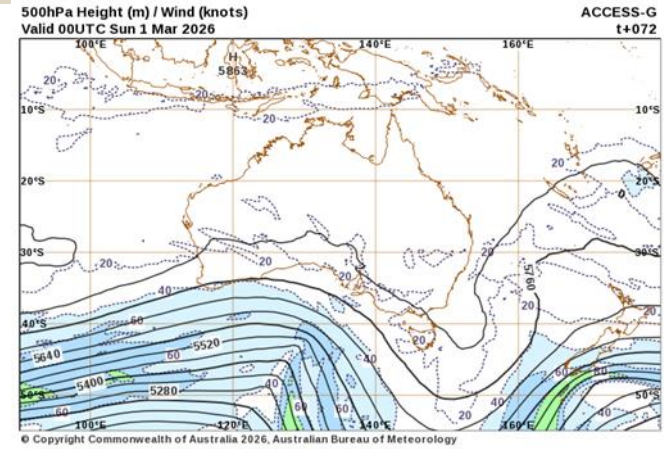
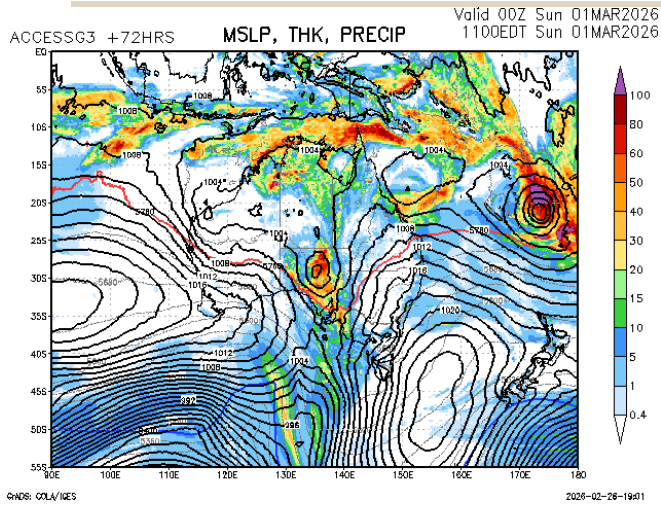


Chart Discussion: Fri-27-Feb-2026 (Harvey Stern)

NWP Models: Mon-02-Mar-2026

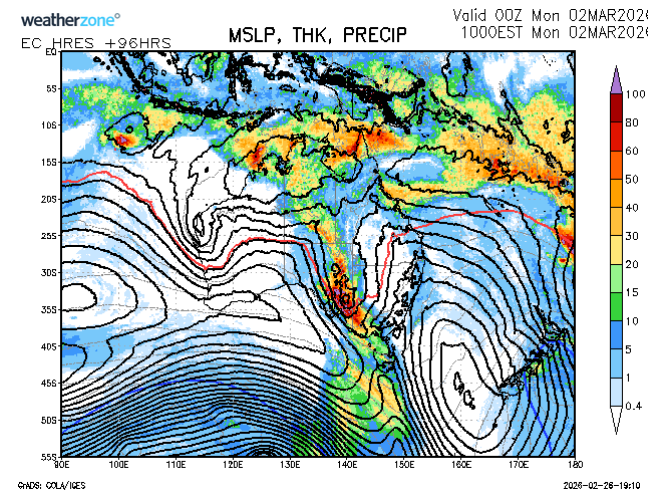
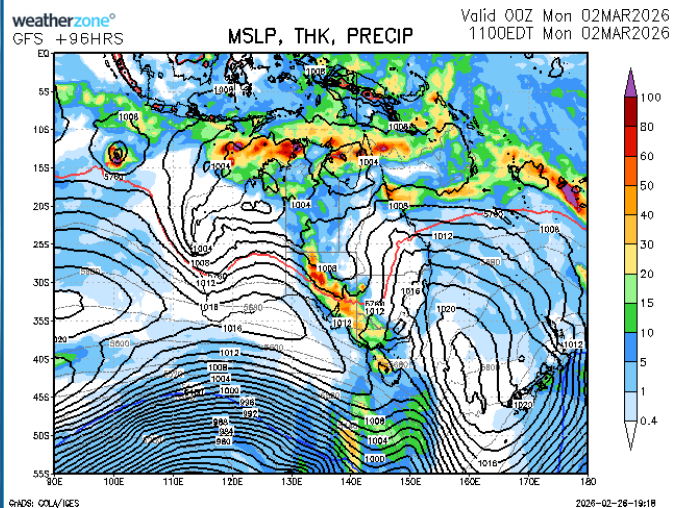
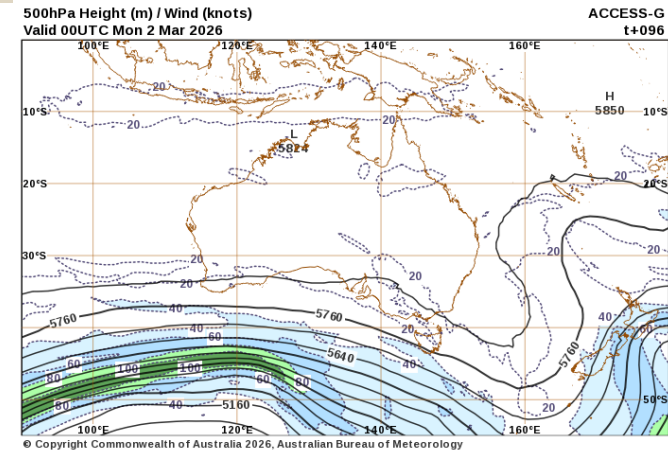
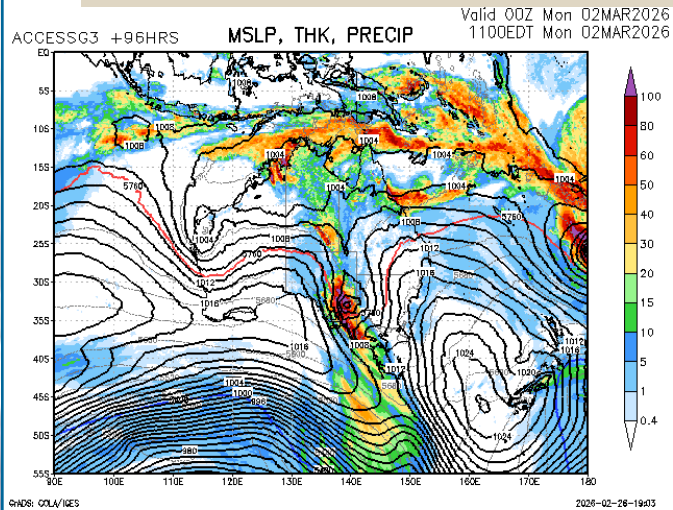


Chart Discussion: Fri-27-Feb-2026 (Harvey Stern)

NWP Models: Tue-03-Mar-2026

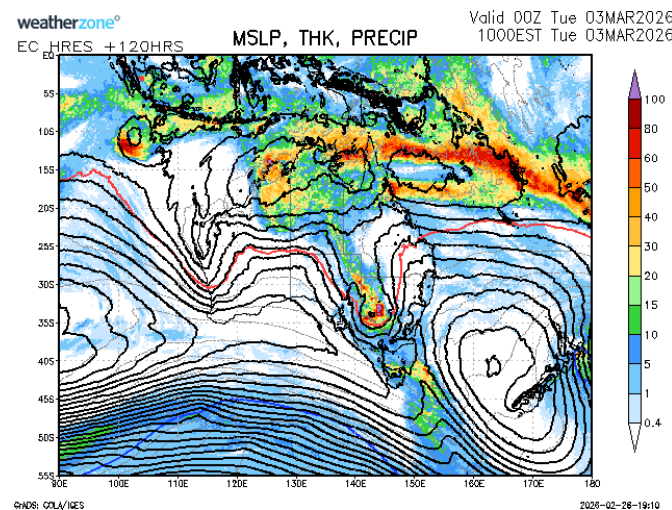
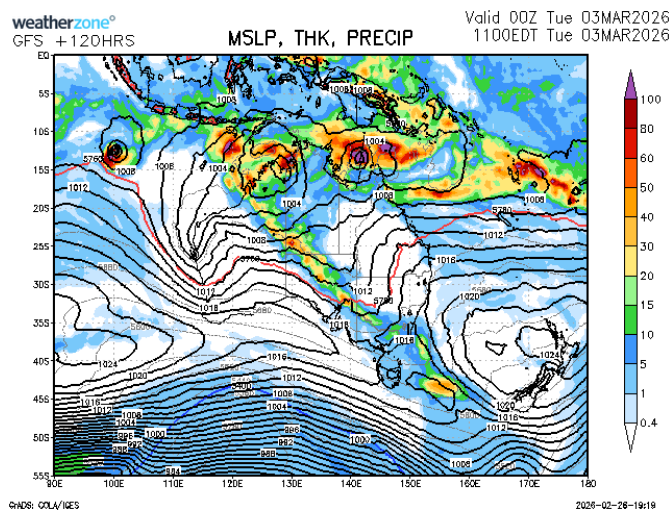
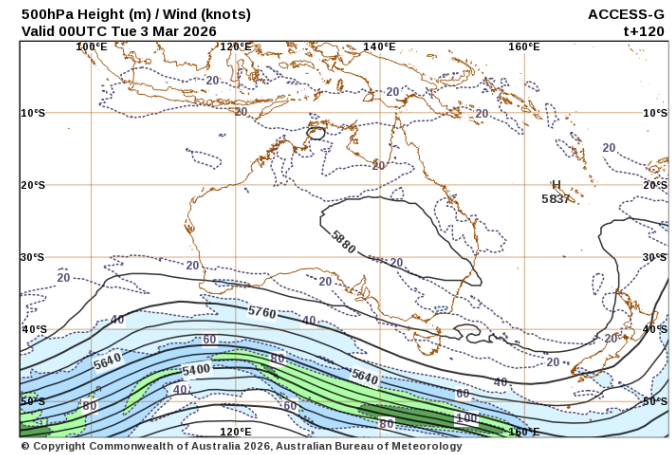
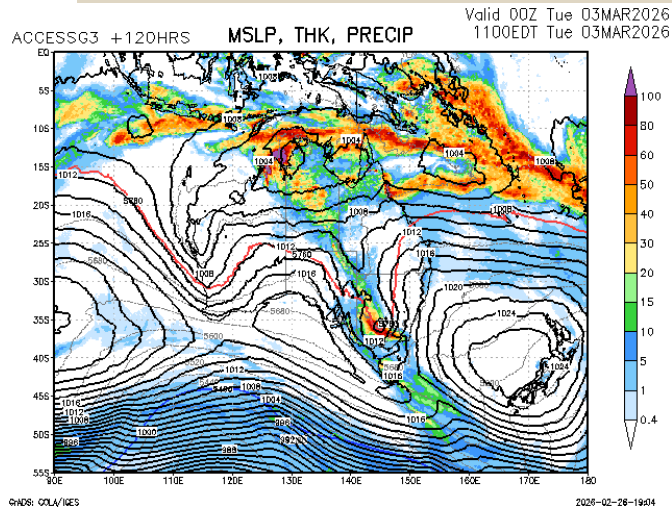
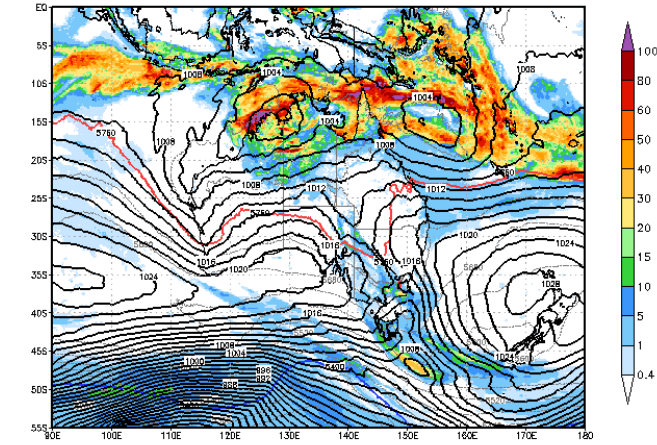


Chart Discussion: Fri-27-Feb-2026 (Harvey Stern)

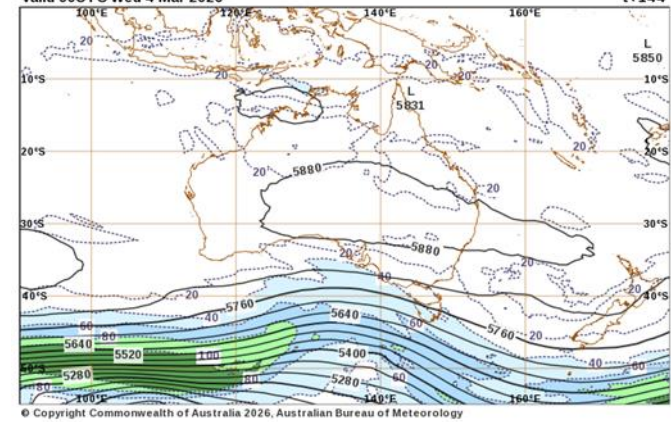
NWP Models: Wed-04-Mar-2026

ACCESSG3 +144HRS MSLP, THK, PRECIP Valid 00Z Wed 04MAR2026 1100EDT Wed 04MAR2026

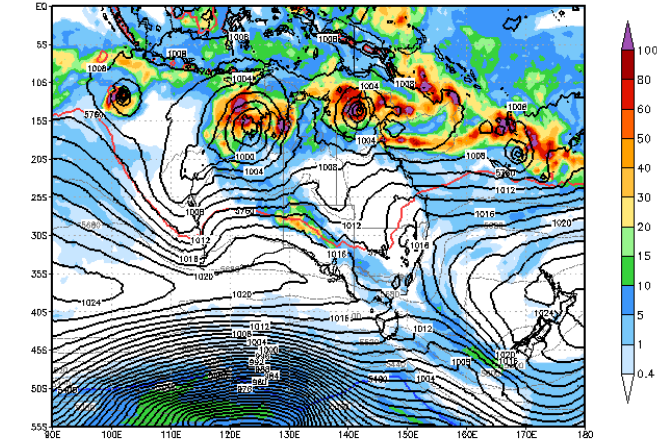


CHDS: COLA/IES 2026-02-26-19408

500hPa Height (m) / Wind (knots) ACCESS-G Valid 00UTC Wed 4 Mar 2026 t+144

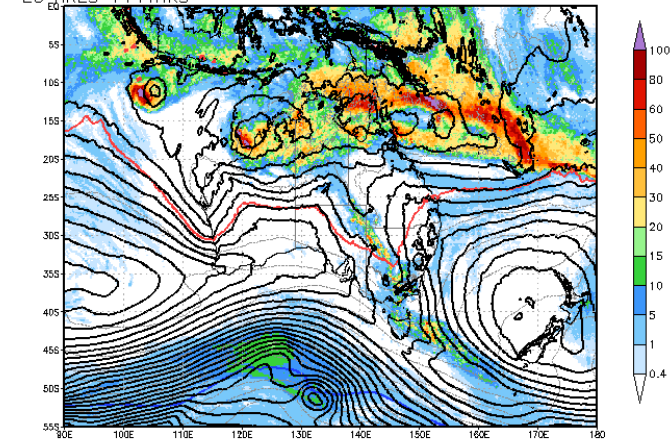


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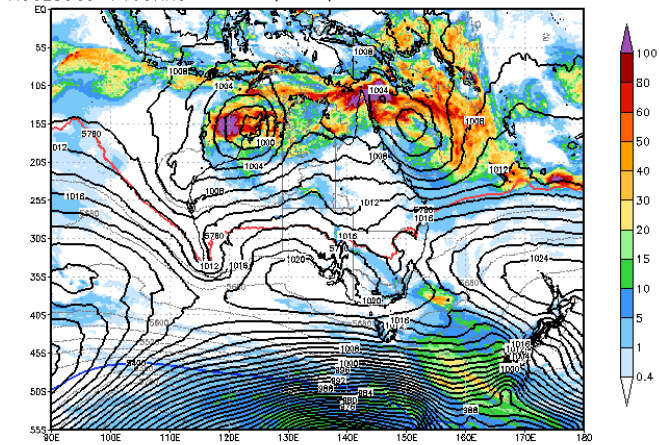


CHDS: COLA/IES 2026-02-26-19411

Chart Discussion: Fri-27-Feb-2026 (Harvey Stern)

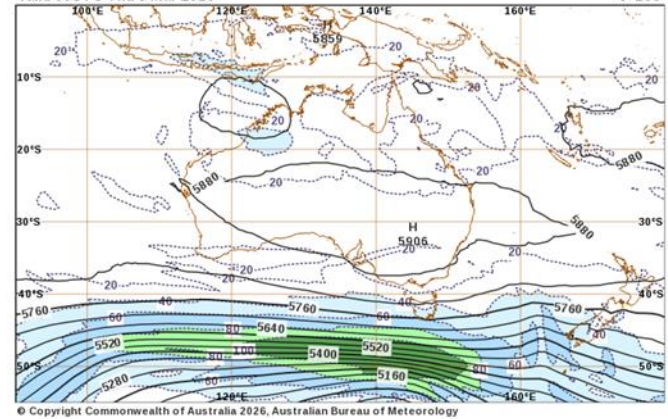
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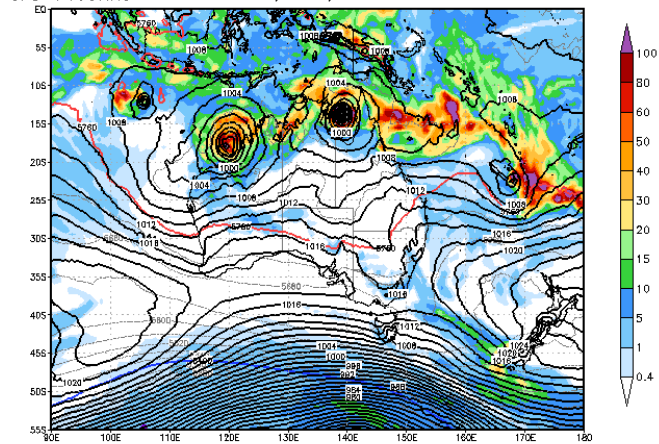
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500hPa Height (m) / Wind (knots) ACCESS-G Valid 00UTC Thu 5 Mar 2026 t+168



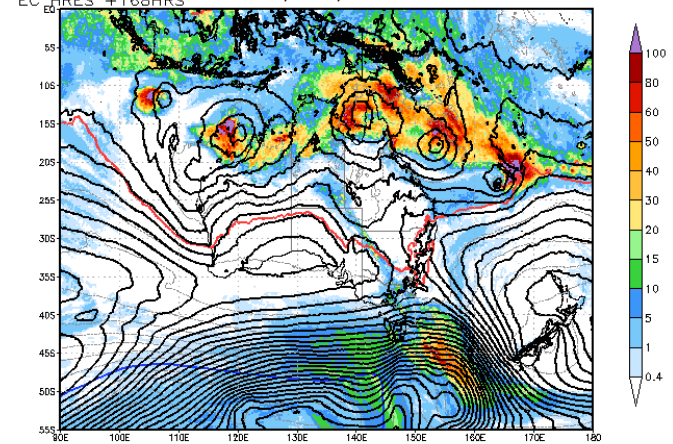
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weatherzone® GFS +168HRS MSLP, THK, PRECIP Valid 00Z Thu 05MAR2026
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GRADS: COLA/IKES 2026-02-28-1921R

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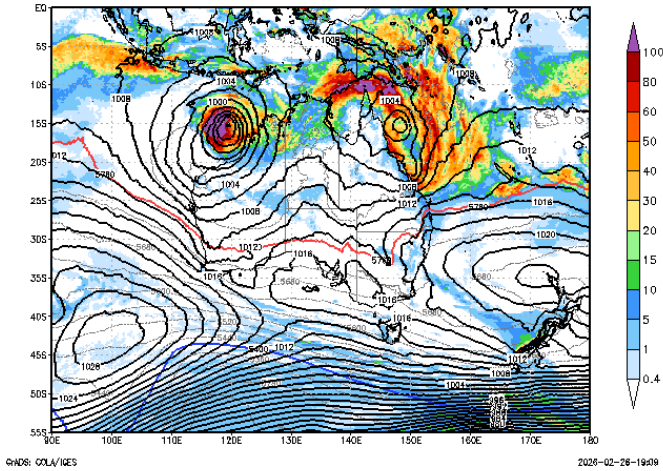


GRADS: COLA/IKES 2026-02-28-1911R

Chart Discussion: Fri-27-Feb-2026 (Harvey Stern)
NWP Models: Fri-06-Mar-2026

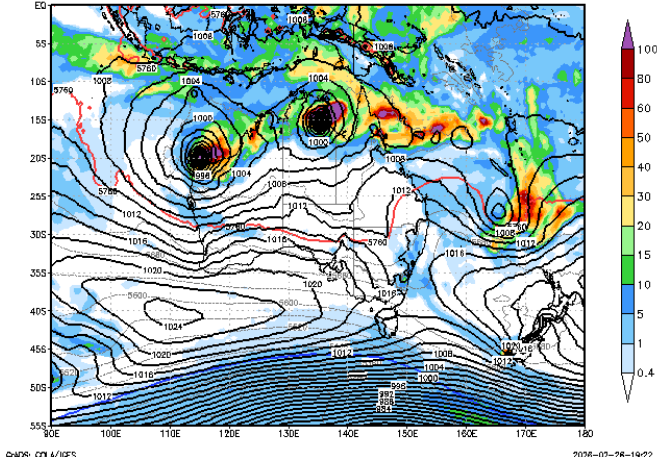
<https://meteologix.com/au/model-charts/standard/australia/geopotential-height-500hpa/20250801-0000z.html>

ACCESSG3 +192HRS MSLP, THK, PRECIP
Valid 00Z Fri 06MAR2026
1100EDT Fri 06MAR2026



500 hPa Chart n/a

weatherzone[®] GFS +192HRS MSLP, THK, PRECIP
Valid 00Z Fri 06MAR2026
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weatherzone[®] EC_HRES +192HRS MSLP, THK, PRECIP
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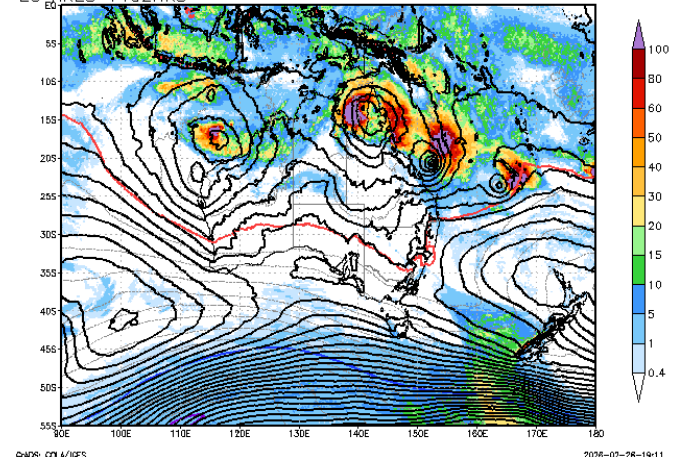
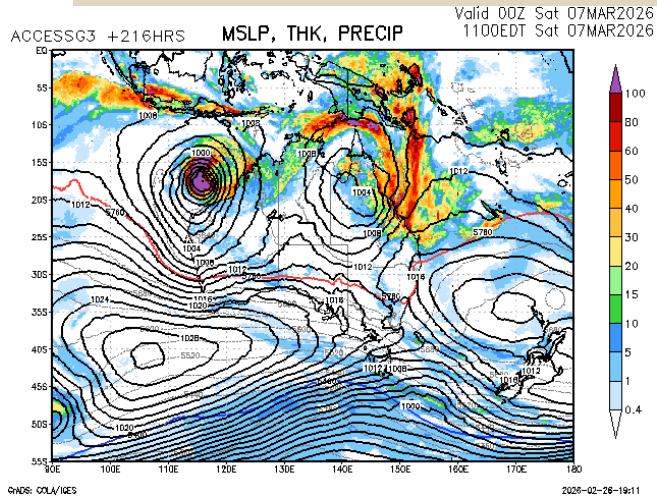


Chart Discussion: Fri-27-Feb-2026 (Harvey Stern)

NWP Models: Sat-07-Mar-2026



500 hPa Chart n/a

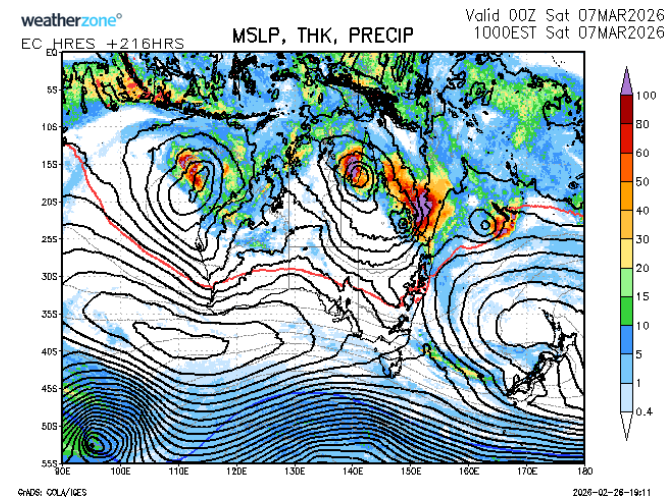
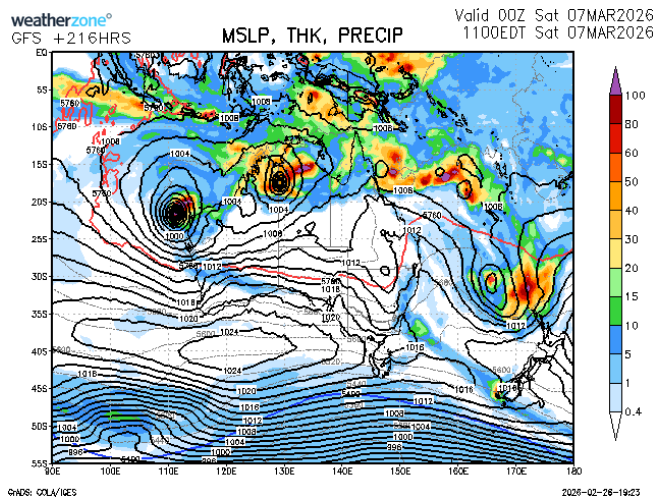
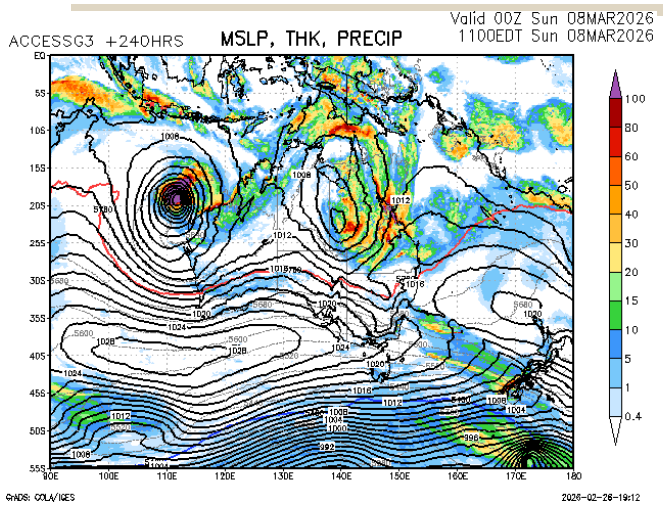
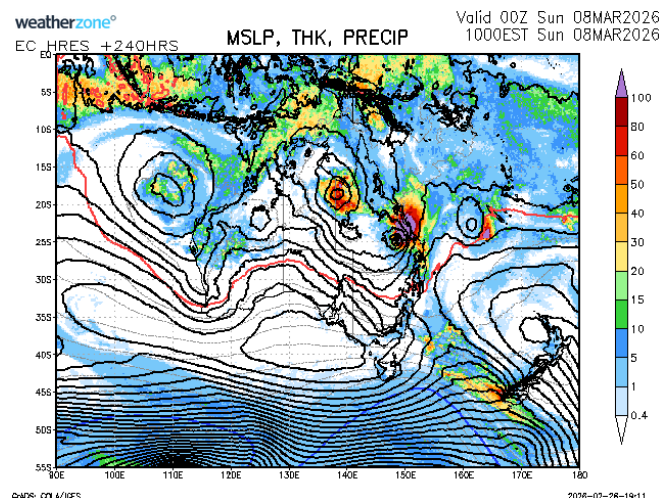
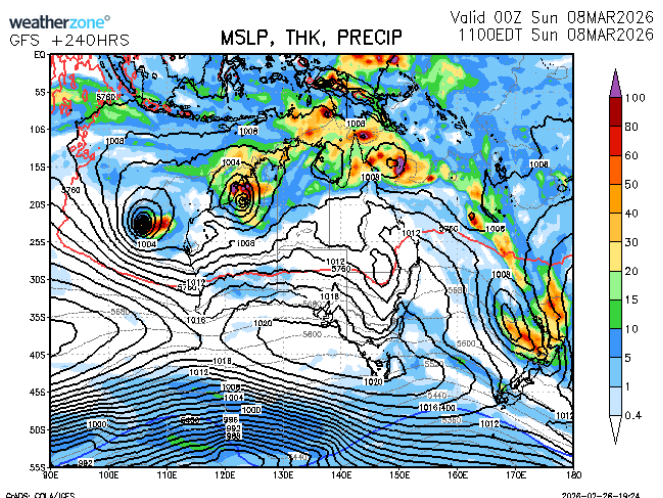


Chart Discussion: Fri-27-Feb-2026 (Harvey Stern)
NWP Models: Sun-08-Mar-2026

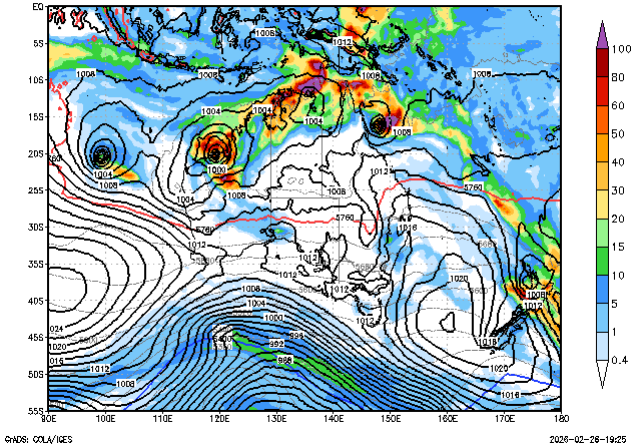


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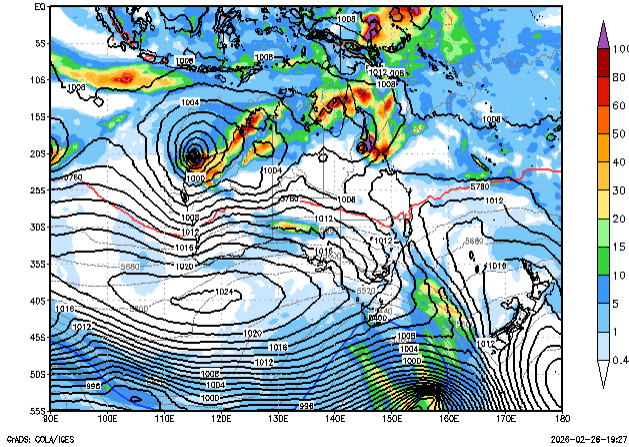


GFS NWP Model: Mon-09-Mar-2026 to Thu-12-Mar-2026

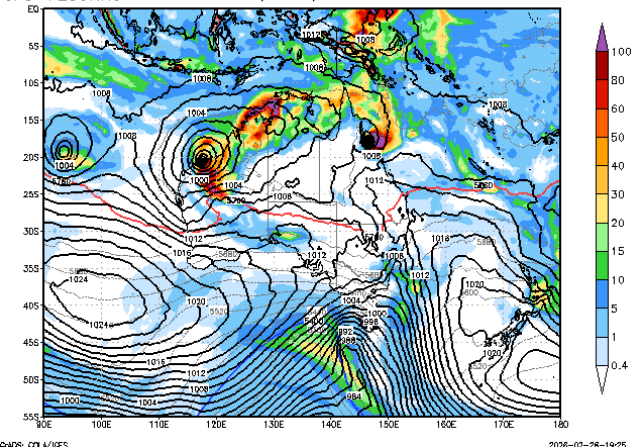
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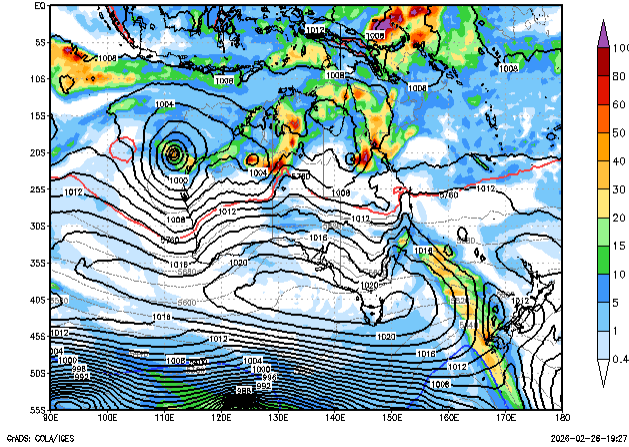
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














This Week's GFS Melbourne Forecast

NOAA Data At: **26-Feb-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-27-2-2026 | Shower.  | Thunder.  | 17.9 (17) | 28.8 (28.1) | 4.1 | 62 | SSW 8 SSE 15 Gusts40 |
| Sat-28-2-2026 | Partly Cloudy.  | Cloudy.  | 19.6 (18.5) | 30.8 (30.1) | 0 | 38 | N 20 N 25 Gusts60 |
| Sun-1-3-2026 | Partly Cloudy.  | Shower.  | 21.8 (20.8) | 29.6 (29.2) | 0.4 | 51 | N 15 NNE 15 Gusts45 |
| Mon-2-3-2026 | Rain.  | Thunder.  | 22 (21.2) | 28 (27.1) | 10.7 | 84 | N 20 N 15 Gusts45 |
| Tue-3-3-2026 | Shower.  | Thunder.  | 19.1 (18.4) | 26.6 (25.5) | 2.8 | 60 | NNW 5 SW 15 Gusts40 |
| Wed-4-3-2026 | Shower.  | Shower.  | 17.5 (17) | 25.3 (24.1) | 1.1 | 56 | SW 5 S 15 Gusts35 |
| Thu-5-3-2026 | Sunny.  | Partly Cloudy.  | 15.7 (15.3) | 24.8 (23.8) | 0 | 19 | WSW 8 S 12 Gusts30 |

NOAA Data At: **26-Feb-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-6-3-2026 | Fog.  | Sunny.  | 15.7 (15.2) | 24.4 (23.2) | 0 | 17 | SW 5 S 12 Gusts30 |
| Sat-7-3-2026 | Partly Cloudy.  | Sunny.  | 15.8 (15.3) | 23.5 (22.2) | 0 | 18 | SSW 10 S 20 Gusts35 |
| Sun-8-3-2026 | Partly Cloudy.  | Sunny.  | 15.2 (14.6) | 24.7 (23.5) | 0 | 15 | SSE 10 S 15 Gusts35 |
| Mon-9-3-2026 | Partly Cloudy.  | Partly Cloudy.  | 15.2 (14.6) | 28.6 (27.7) | 0 | 22 | N 10 NE 12 Gusts35 |
| Tue-10-3-2026 | Sunny.  | Partly Cloudy.  | 17.3 (16.9) | 26.7 (25.8) | 0 | 19 | WNW 15 WSW 15 Gusts40 |
| Wed-11-3-2026 | Fog.  | Sunny.  | 15.3 (14.8) | 23.9 (22.7) | 0 | 22 | SW 5 S 12 Gusts30 |
| Thu-12-3-2026 | Fog.  | Haze.  | 13.9 (13.4) | 24.8 (23.7) | 0 | 18 | NW 5 SSE 10 Gusts30 |

CHART DISCUSSION 27-Feb-2026

Thank You . . .