

## ***How We Predict Melbourne's Weather***

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- ***26DIS13:***
- ***How We Predict Melbourne's Weather***
- ***Type: 1 day***
- ***Dates: 01/06/2026 - 01/06/2026***
- ***Frequency: None, Mon 9:30 - 11:30***
- ***Location: Glen Huntly PC Room 1151 Glen Huntly Road***
- ***Tutor: Harvey Stern***

## ***How We Predict Melbourne's Weather***

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- ***This short course will begin with an overview of how weather forecasting has evolved from the 1970s to today, covering improvements in daily and seasonal forecasts, key climate influences, and the growing role of automation, satellite data, and numerical models.***
- ***The focus will be a practical walkthrough of how forecasters interpret output from major global weather models to produce forecasts for Melbourne.***
- ***A Q&A session will follow, with discussion encouraged throughout.***

## ***How We Predict Melbourne's Weather***

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- ***Dr Harvey Stern is a meteorologist with 50 years of experience and an Honorary Fellow at the University of Melbourne.***
- ***Dr Stern previously led the Bureau of Meteorology's Climate Services Centre and has spent his career advancing automated forecasting, analysing long term prediction accuracy, and studying climate drivers.***

## ***How We Predict Melbourne's Weather***

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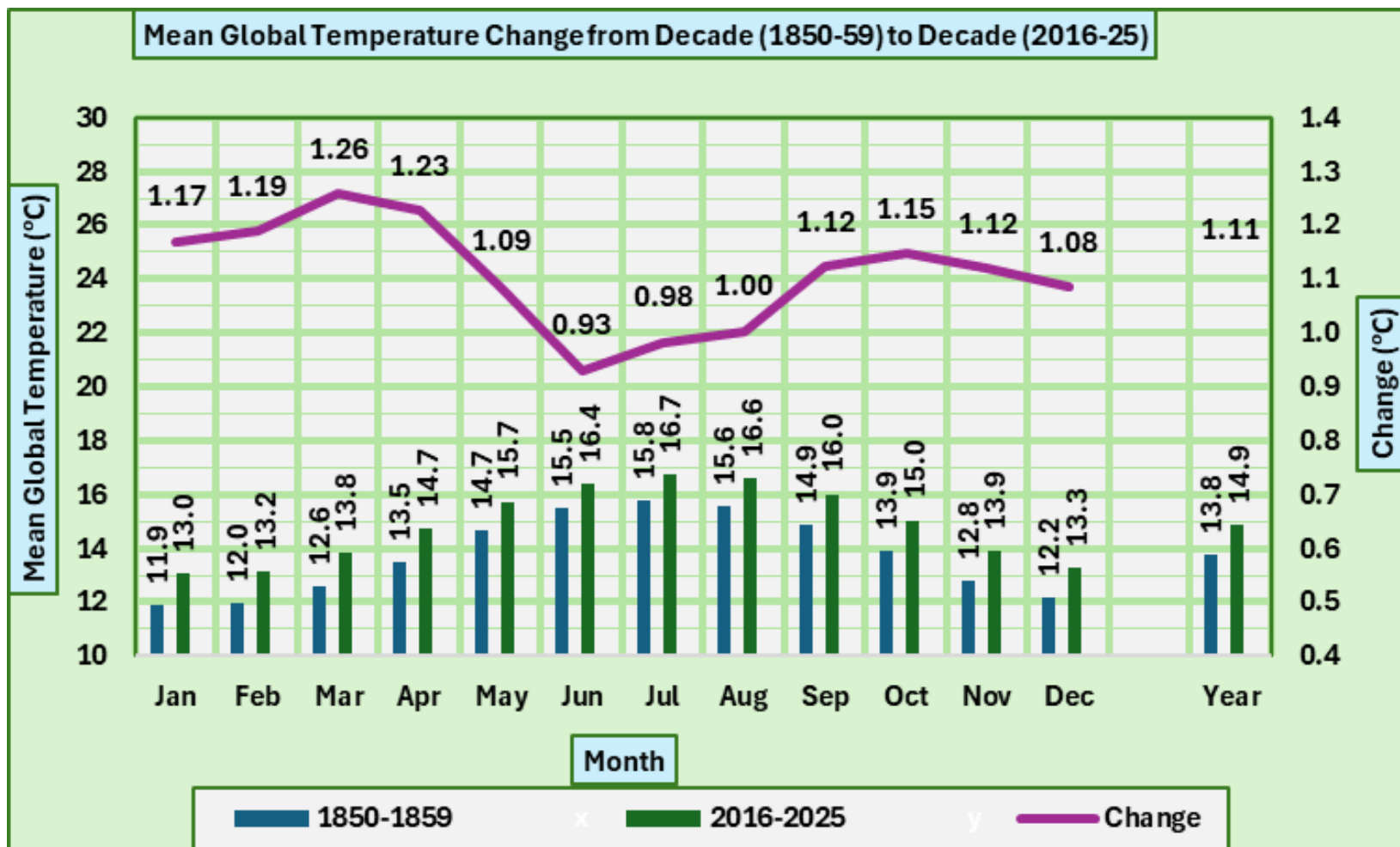
- ***Background***
- ***Advances in how weather forecasting has been done from the 1970s to the 2020s.***
- ***Day-to-day and seasonal forecasts.***
- ***Trends in forecast accuracy.***
- ***Drivers of, and trends in, global and regional climate.***
- ***The role of ocean temperatures, the sunspot cycle, volcanic eruptions, and the regular movement of tropical convection.***
- ***Statistical and numerical dynamic weather forecasting models.***
- ***Mean sea level pressure charts, upper-level charts, and charts depicting jet streams.***
- ***Satellite imagery and associated derived atmospheric data.***
- ***Automation of the forecasting process.***

## ***How We Predict Melbourne's Weather***

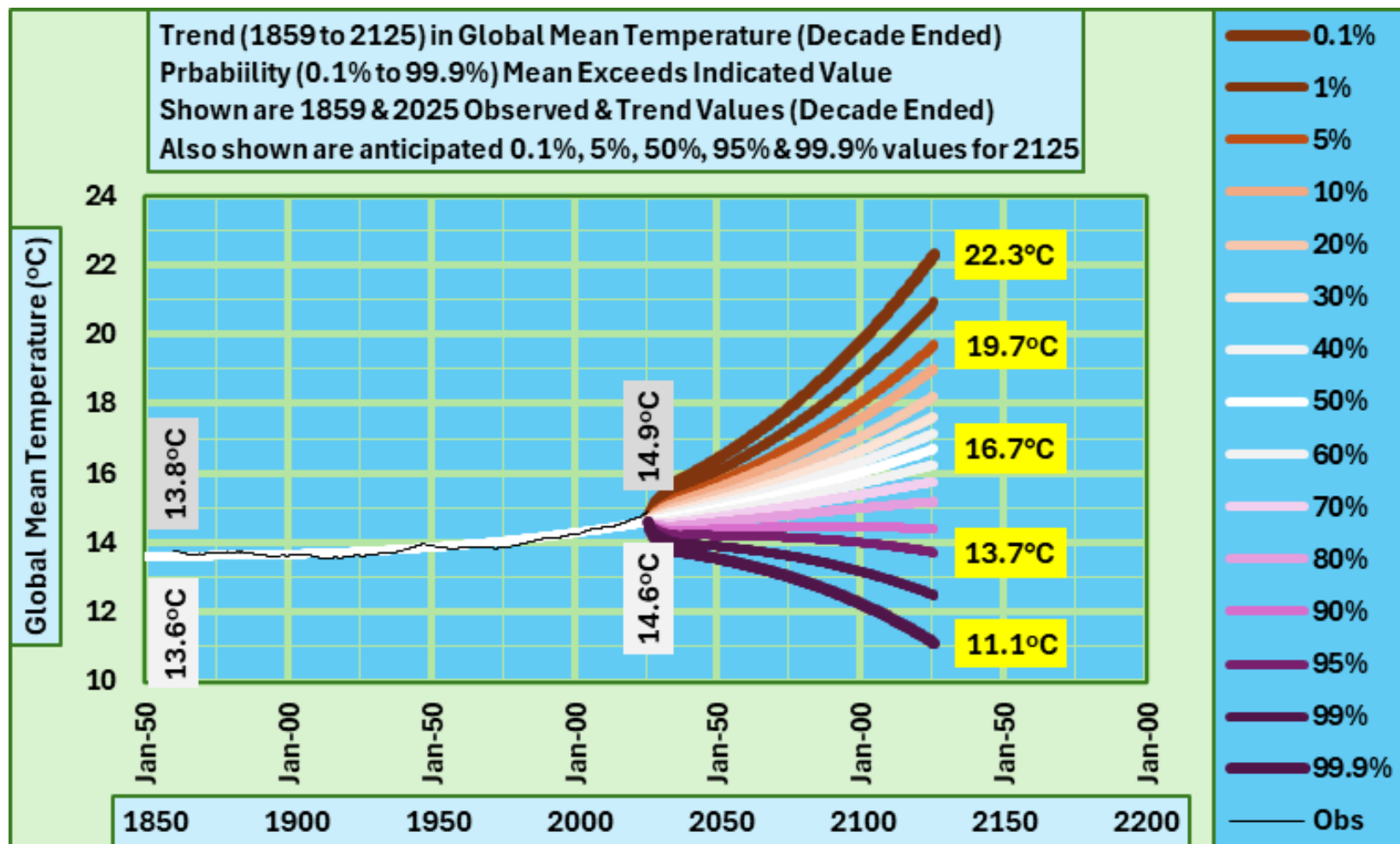
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- ***The Focus of the Presentation***
- ***The focus of the presentation is to explain how one moves from the raw output of three numerical dynamic forecasting models (Australian, European Centre, and United States), to their implications for the weather in Melbourne over the next two weeks.***
- ***Questions – although interaction with attendees is invited throughout***

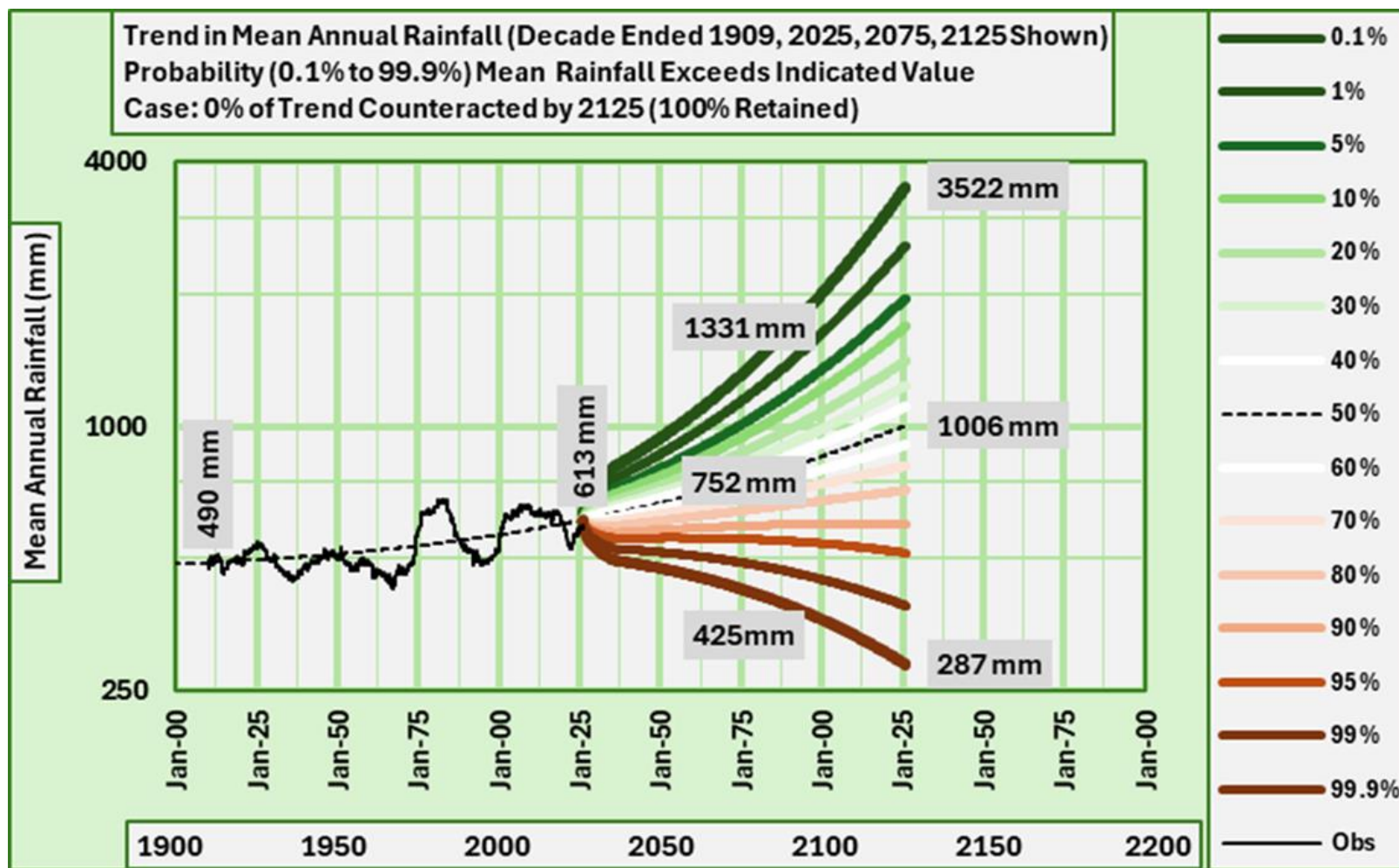
## Trend in Global Mean Temperature (1)



## Trend in Global Mean Temperature (2)



## Trend in Northern Territory Mean Rainfall

















## Next Two Weeks' GFS Melbourne Forecast (1)

NOAA Data At: **31-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)
Mon-1-6-2026	Rain. 	Rain. 	8.9 (8.6)	14.2 (14.5)	6.2	86	N 30 N 35 Gusts75
Tue-2-6-2026	Rain. 	Rain. 	11.1 (10.8)	15.8 (16.6)	7	96	N 35 N 35 Gusts75
Wed-3-6-2026	Rain. 	Rain. 	11.3 (11.4)	16.2 (16.2)	3.4	87	NW 20 W 25 Gusts55
Thu-4-6-2026	Rain. 	Rain. 	9.4 (9.6)	15.8 (15.3)	5.2	86	NW 20 W 25 Gusts55
Fri-5-6-2026	Rain. 	Rain. 	9.3 (9.3)	15.6 (14.7)	3.9	84	WSW 20 SW 25 Gusts55
Sat-6-6-2026	Possible Shower. 	Possible Shower. 	10 (9.9)	17.4 (16.9)	0	40	NW 12 W 15 Gusts40
Sun-7-6-2026	Partly Cloudy. 	Cloudy. 	9.7 (9.4)	17.9 (17.5)	0	20	N 20 N 25 Gusts55

NOAA Data At: **31-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)
Mon-8-6-2026	Partly Cloudy. 	Cloudy. 	8.9 (8.5)	17.1 (17.1)	0	21	N 20 N 25 Gusts55
Tue-9-6-2026	Windy. 	Windy. 	10.9 (10.4)	16.2 (16.7)	0	36	N 30 N 35 Gusts75
Wed-10-6-2026	Shower. 	Shower. 	11.2 (10.9)	16.5 (16.9)	1.2	62	N 30 NNW 30 Gusts65
Thu-11-6-2026	Partly Cloudy. 	Cloudy. 	8.5 (8.2)	16.4 (16.1)	0	32	N 12 N 12 Gusts35
Fri-12-6-2026	Cloudy. 	Shower. 	10.3 (10.1)	15.5 (15)	0.5	52	NW 12 W 15 Gusts40
Sat-13-6-2026	Fog. 	Partly Cloudy. 	7.3 (7)	15.3 (14.8)	0	21	N 8 NNE 12 Gusts30
Sun-14-6-2026	Shower. 	Shower. 	9.8 (9.5)	16.1 (16.3)	2.6	60	N 30 N 35 Gusts75

## Next Two Weeks' GFS Melbourne Forecast (2)

DAY	DATE	WEATHER (Melbourne)
<b>WEEK 1</b>		
<b>Mon</b>	1-6-2026	A chilly night then a cool day. Cloudy with rain at times. PRECIS: RAIN
<b>Tue</b>	2-6-2026	A cool night then a cool to mild day. Cloudy with rain at times. PRECIS: RAIN
<b>Wed</b>	3-6-2026	A cool night then a cool to mild day. Cloudy with rain at times. PRECIS: RAIN
<b>Thu</b>	4-6-2026	A chilly night then a cool day. Cloudy with rain at times. PRECIS: RAIN
<b>Fri</b>	5-6-2026	A chilly night then a cool day. Cloudy with rain at times. PRECIS: RAIN
<b>Sat</b>	6-6-2026	A chilly night then a cool to mild day. Cloudy at times with just the chance of a shower or two. PRECIS: POSSIBLE SHOWER
<b>Sun</b>	7-6-2026	A chilly night then a cool to mild day. Sunny periods during the morning. Becoming cloudy during the afternoon, but without precipitation. PRECIS: BECOMING CLOUDY

DAY	DATE	WEATHER (Melbourne)
<b>WEEK 2</b>		
<b>Mon</b>	8-6-2026	A chilly night then a cool to mild day. Sunny periods during the morning. Becoming cloudy during the afternoon, but without precipitation. PRECIS: BECOMING CLOUDY
<b>Tue</b>	9-6-2026	A cool night then a cool to mild day. Breezy and cloudy at times, but without precipitation. PRECIS: WINDY
<b>Wed</b>	10-6-2026	A cool night then a cool to mild day. Cloudy at times with a few showers. PRECIS: SHOWERS
<b>Thu</b>	11-6-2026	A chilly night then a cool to mild day. Sunny periods during the morning. Becoming cloudy during the afternoon, but without precipitation. PRECIS: BECOMING CLOUDY
<b>Fri</b>	12-6-2026	A cool night then a cool day. Cloudy. A few showers developing during the afternoon. PRECIS: SHOWERS LATER
<b>Sat</b>	13-6-2026	A chilly night then a cool day. Fog followed by a sunny morning. Cloudy at times during the afternoon, but without precipitation. PRECIS: EARLY FOG
<b>Sun</b>	14-6-2026	A chilly night then a cool to mild day. Cloudy at times with a few showers. PRECIS: SHOWERS

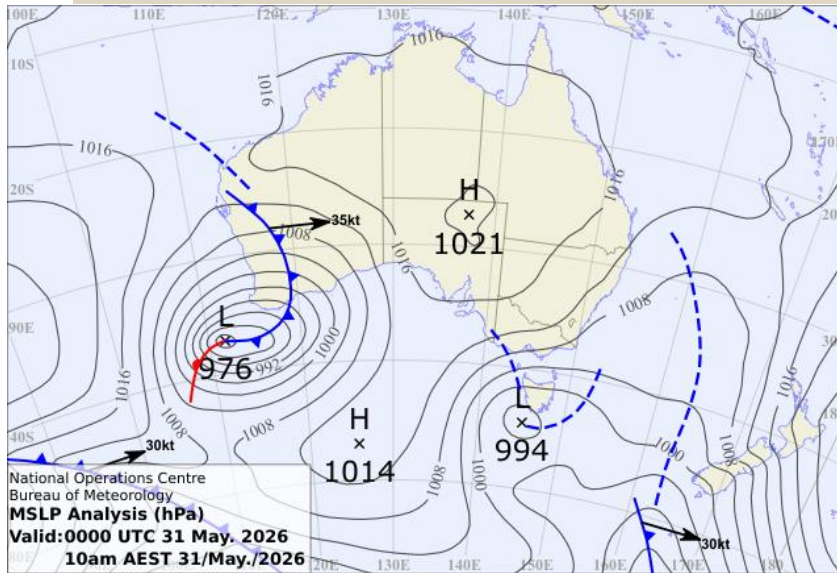
How We Predict Melbourne's Weather:  
Mon-01-Jun-2026 (Harvey Stern)

[http://reg.bom.gov.au/australia/charts/synoptic\\_col.shtml](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](http://reg.bom.gov.au/charts_data/IDY20002/current/pressureHgt/500hPa/IDY20002.pressureHgt-500hPa.000.png)

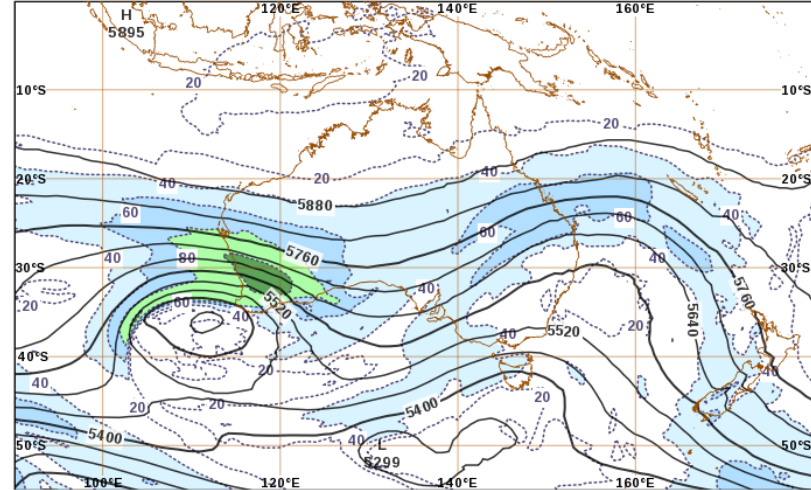
<https://meteologix.com/au/model-charts/standard/australia/geopotential-height-500hpa.html>

**Yesterday's Analyses: Sun-31-May-2026**

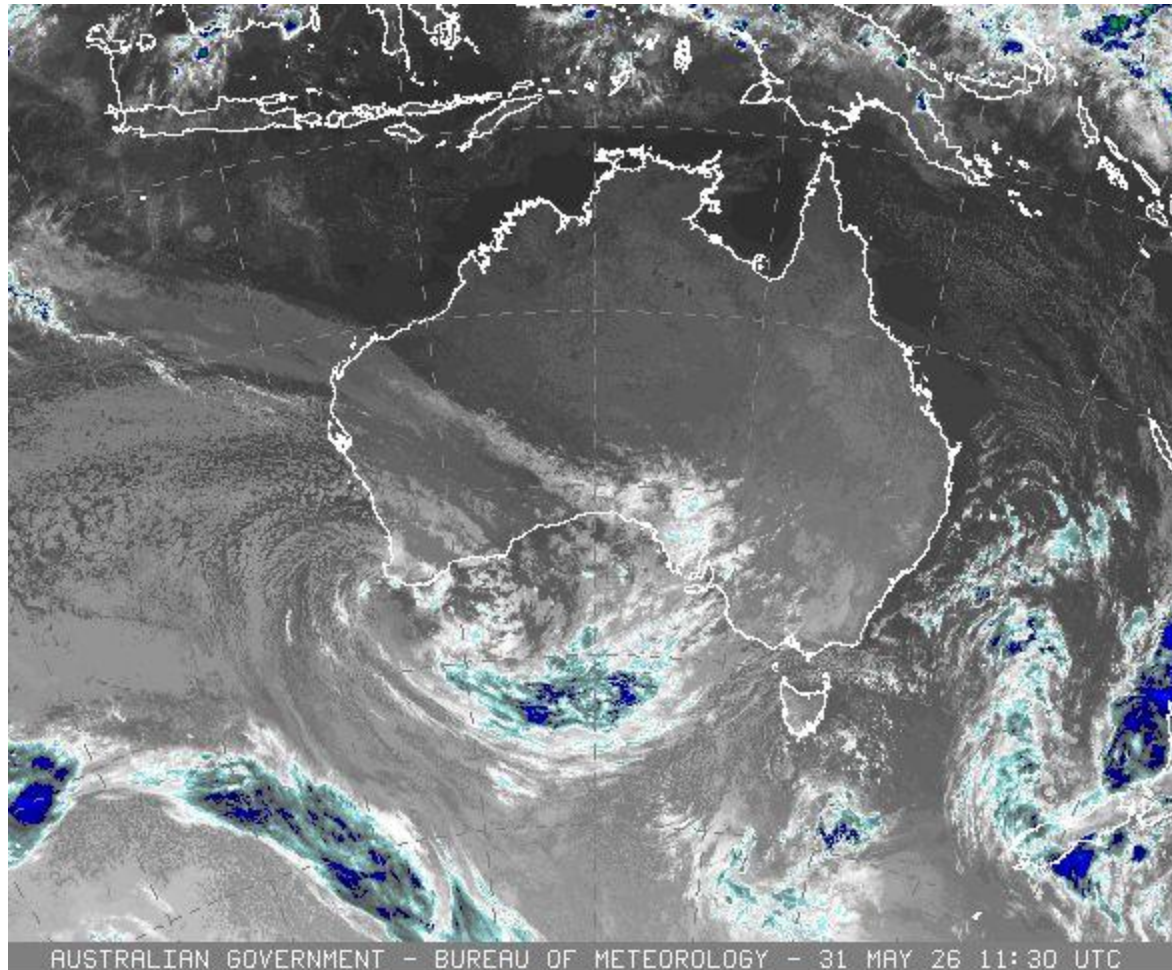


500hPa Height (m) / Wind (knots)  
Valid 00UTC Sun 31 May 2026

ACCESS-G  
t+000



**Yesterday's Satellite Image: Sun-31-May-2026**



## ***Next Week's BoM MSLP & Thickness Charts***

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***Link:***

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

## ***Next Week's BoM MSLP & Precip Charts***

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***Link:***

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

## ***Next Week's BoM 850 hPa Temp Charts***

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***Link:***

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

## ***Next Week's BoM Jet Stream Charts***

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***Link:***

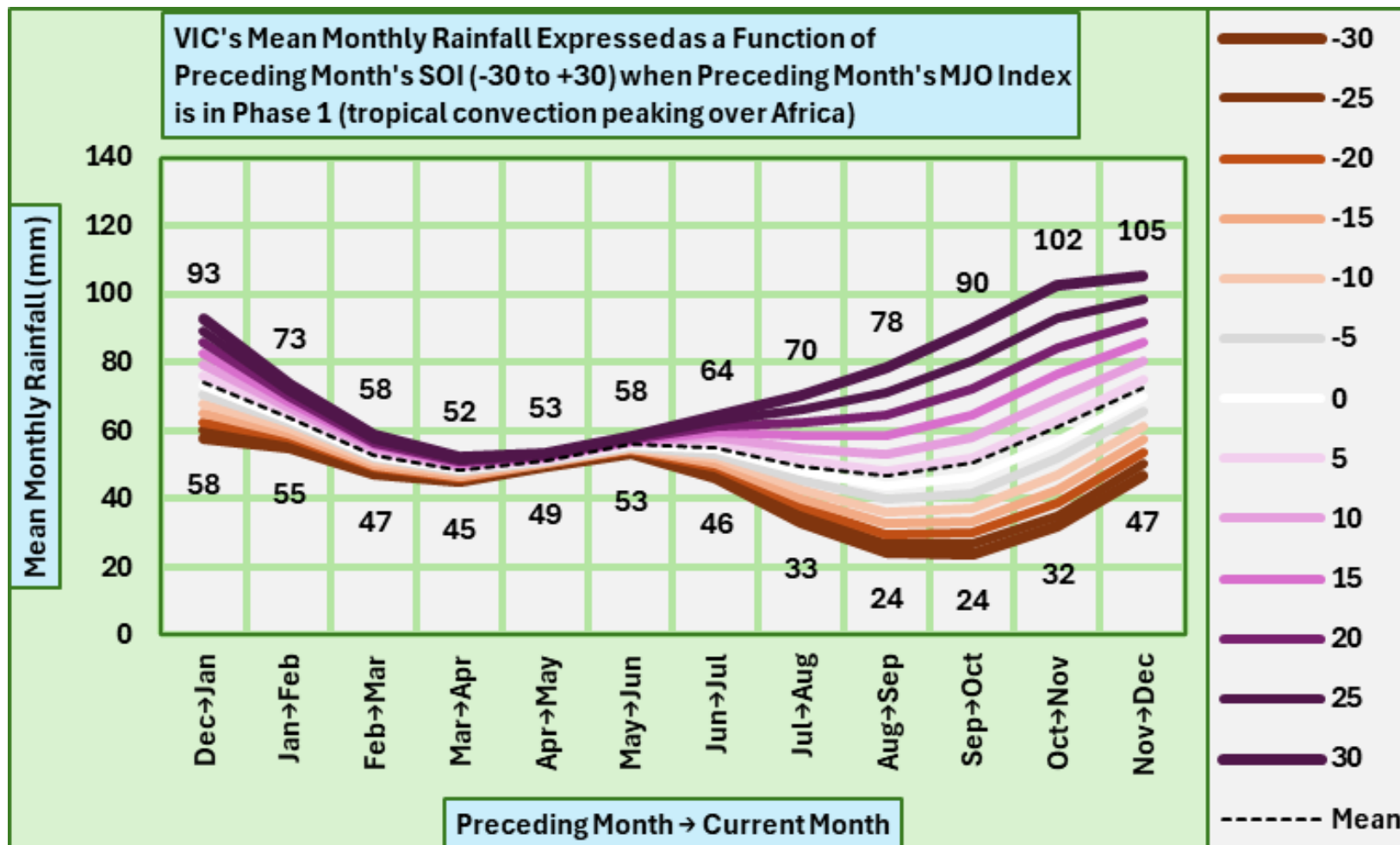
***<http://www.weather-climate.com/ChartsSequence4.html>***

## ***Two Drivers of Climate Variability***

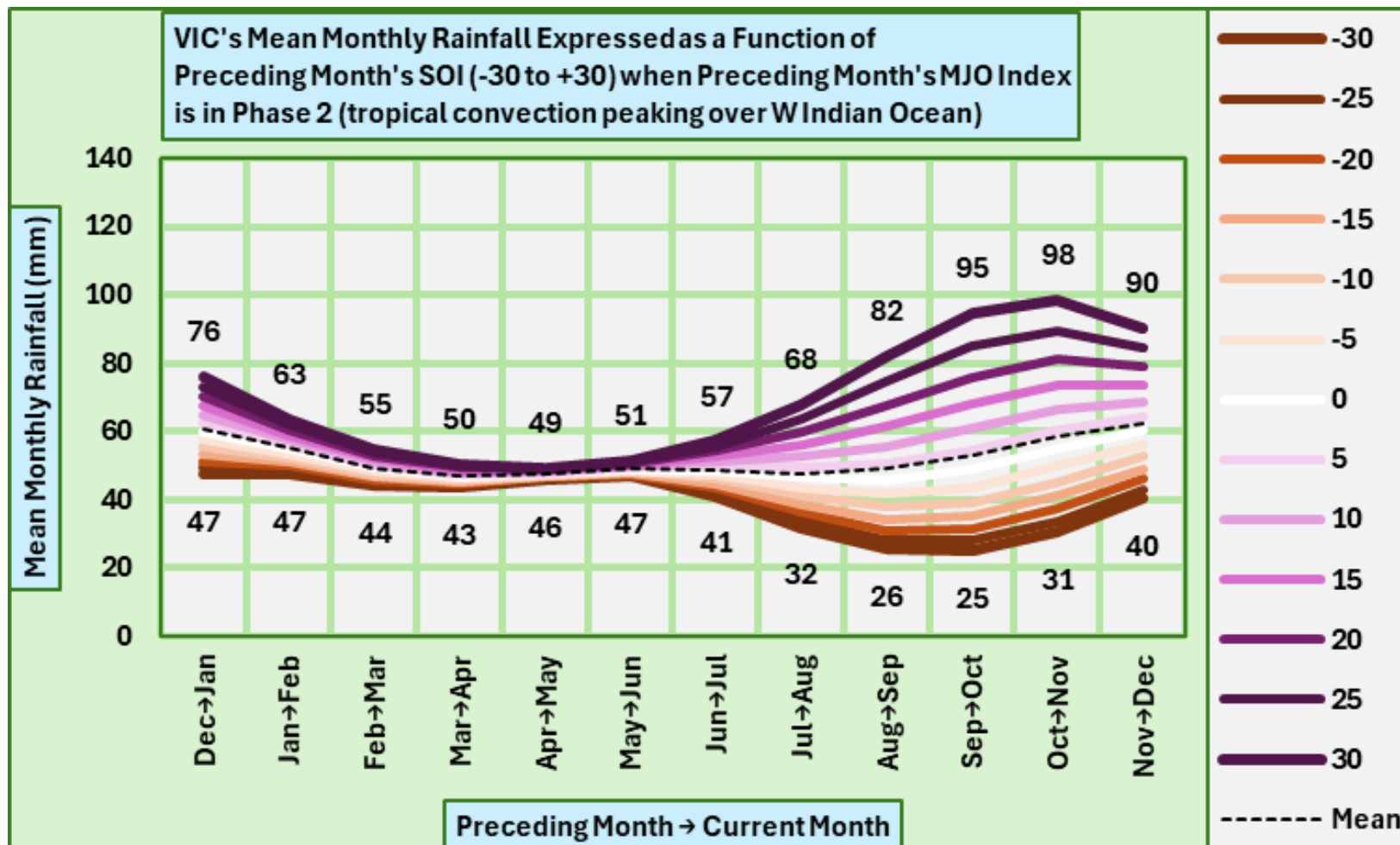
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***The Ocean Currents El Niño & La Niña***  
**(often identified by the Southern Oscillation Index: SOI)**  
**and**  
***The Zone of Tropical Convection***  
**(often identified by the Madden Julian Oscillation: MJO)**

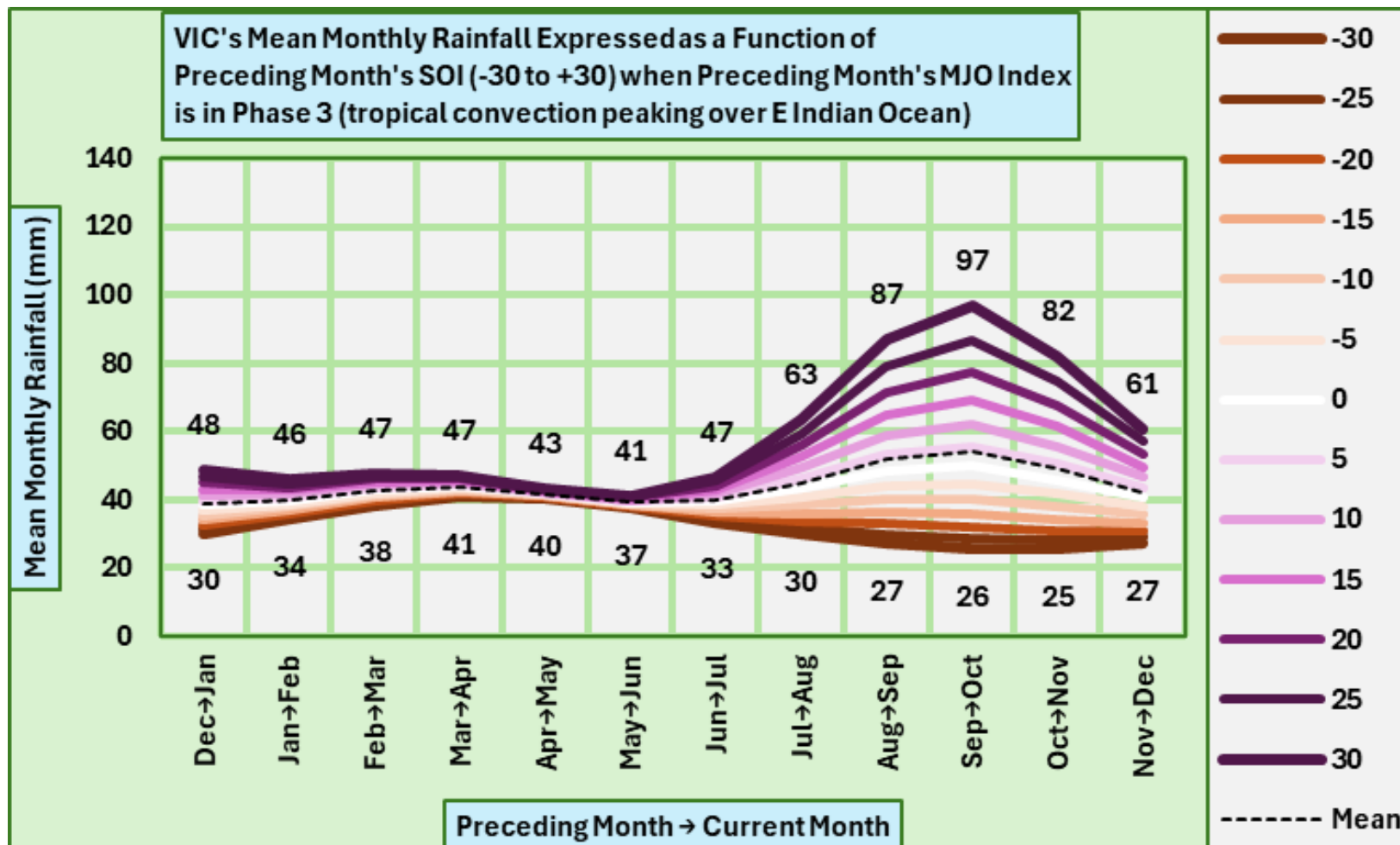
## Two Drivers of Climate Variability



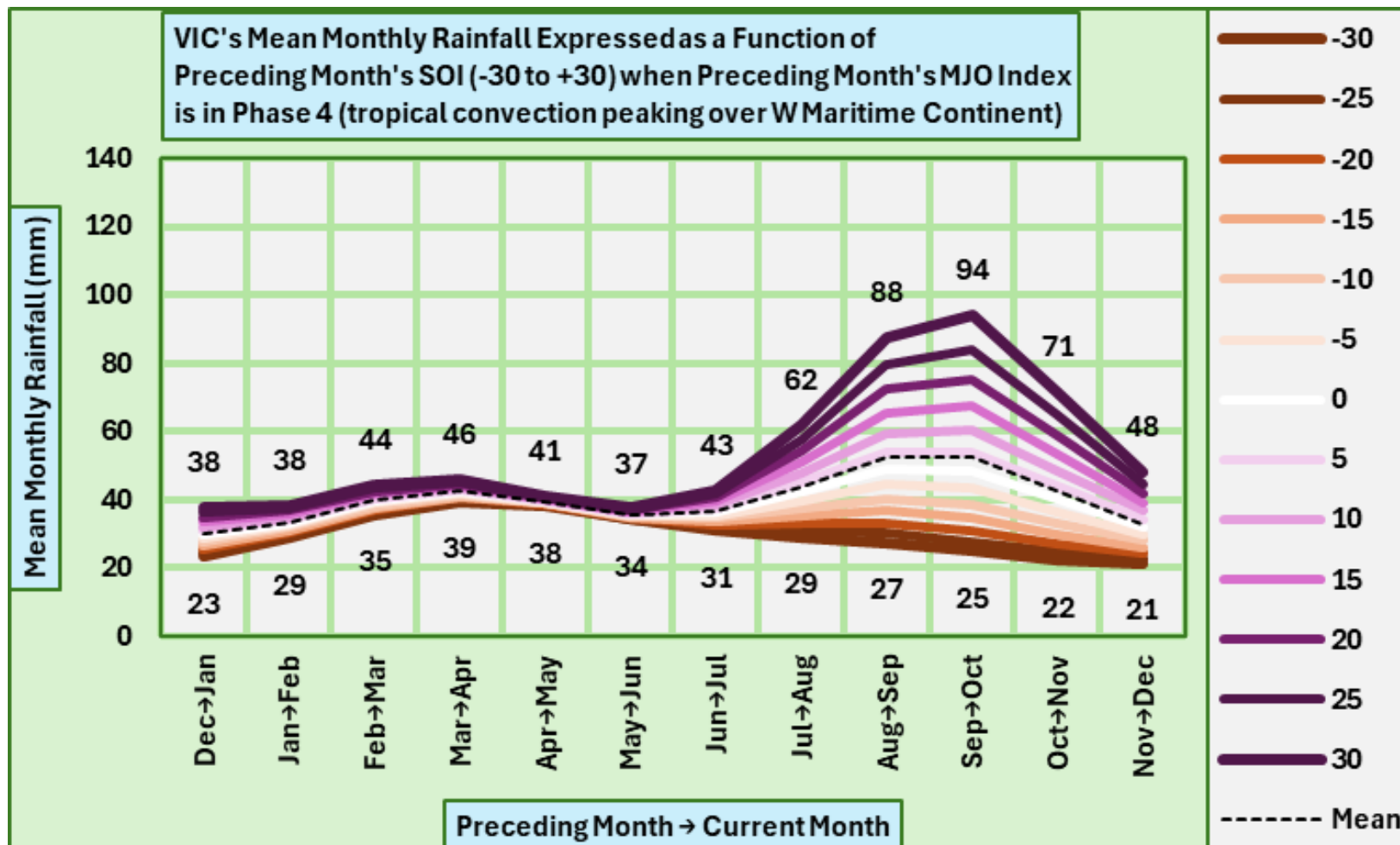
## Two Drivers of Climate Variability



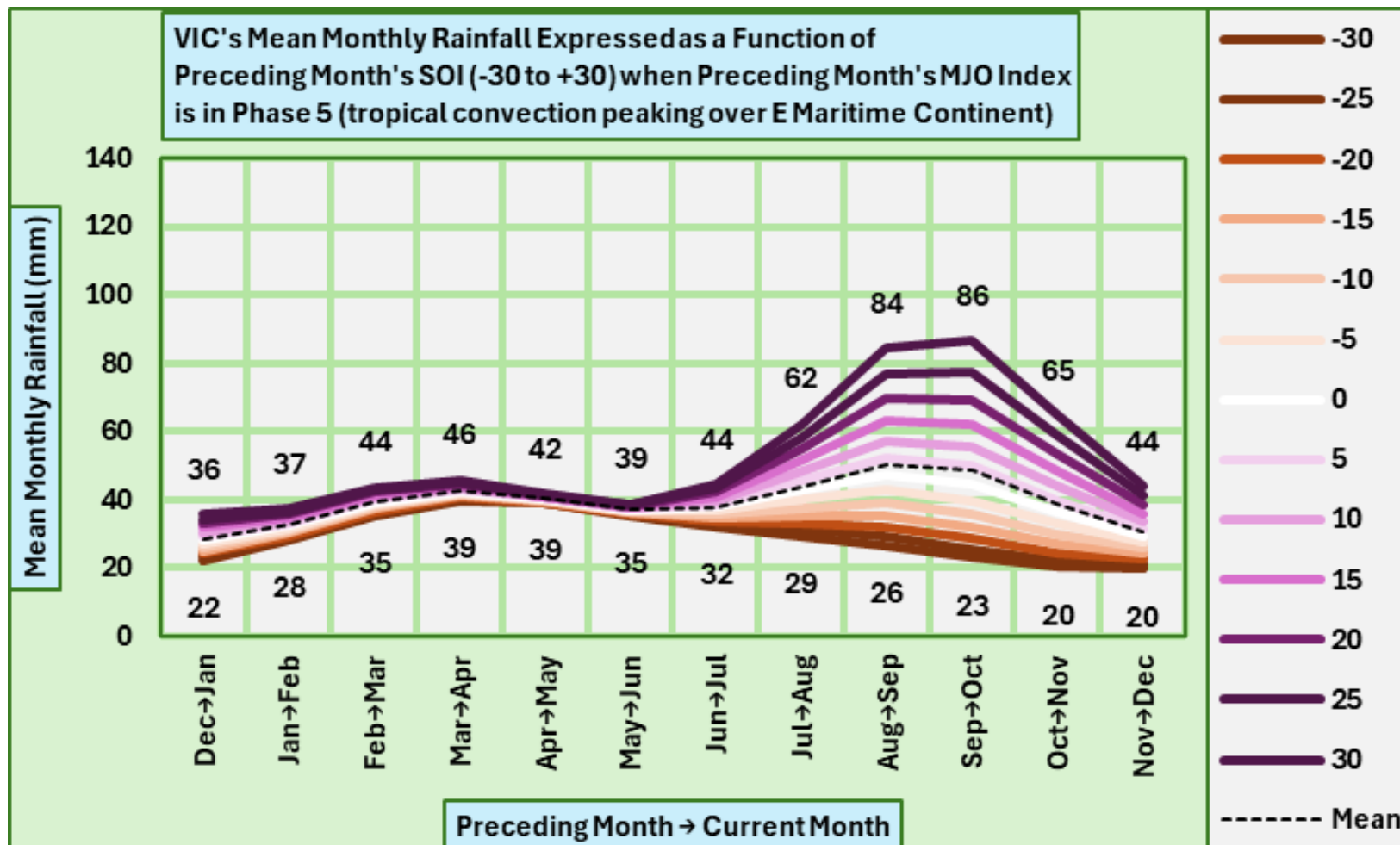
## Two Drivers of Climate Variability



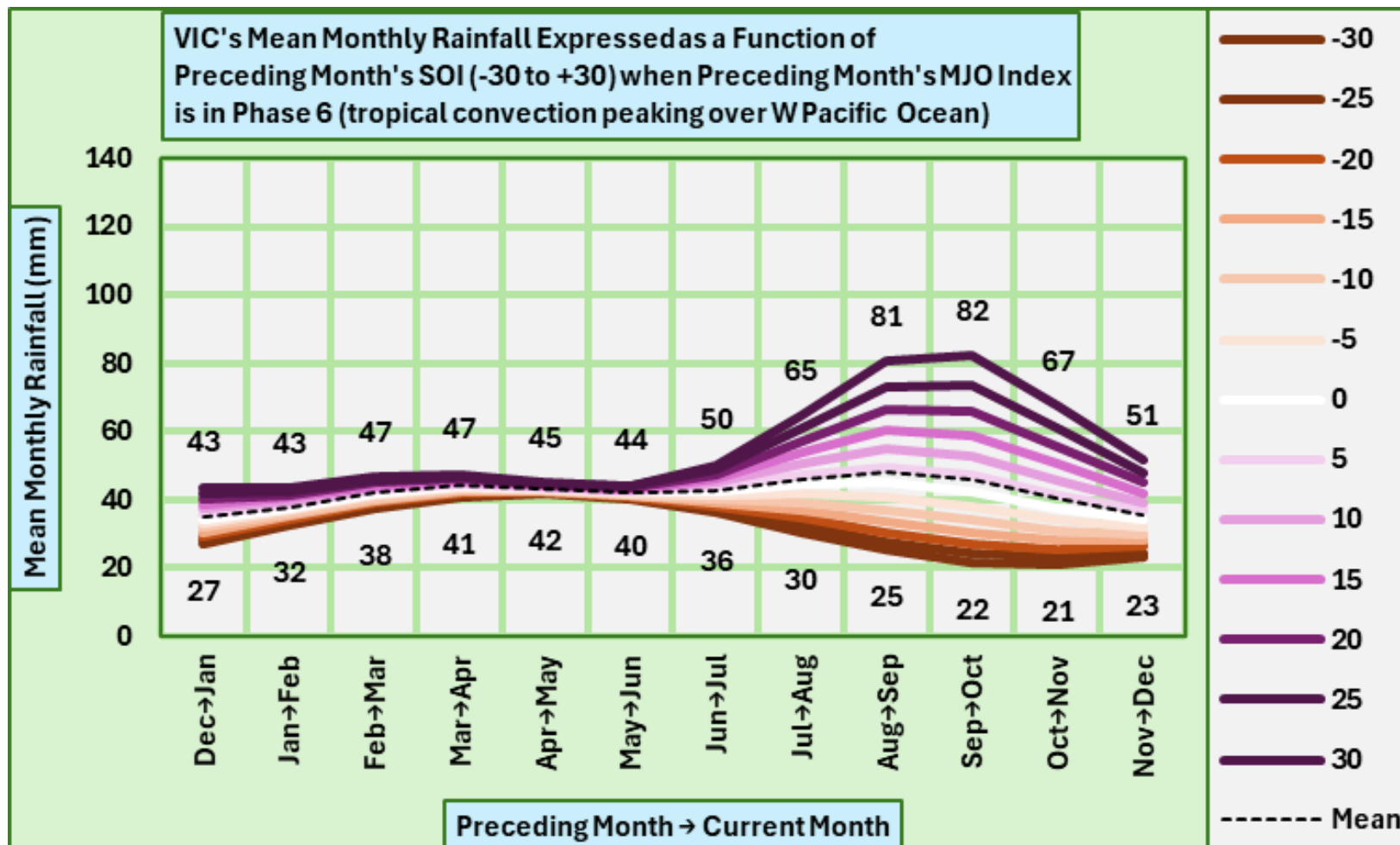
## Two Drivers of Climate Variability



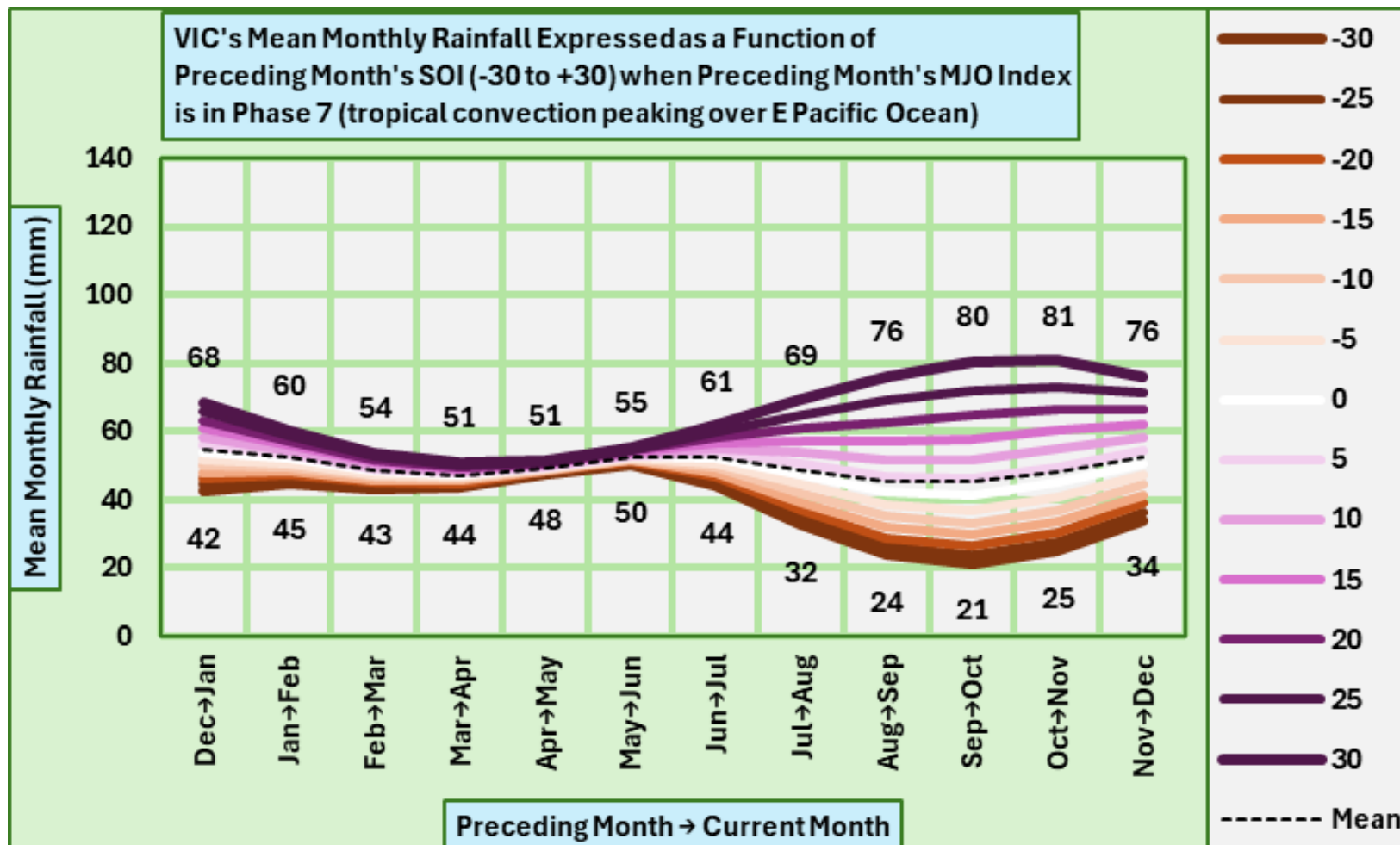
## Two Drivers of Climate Variability



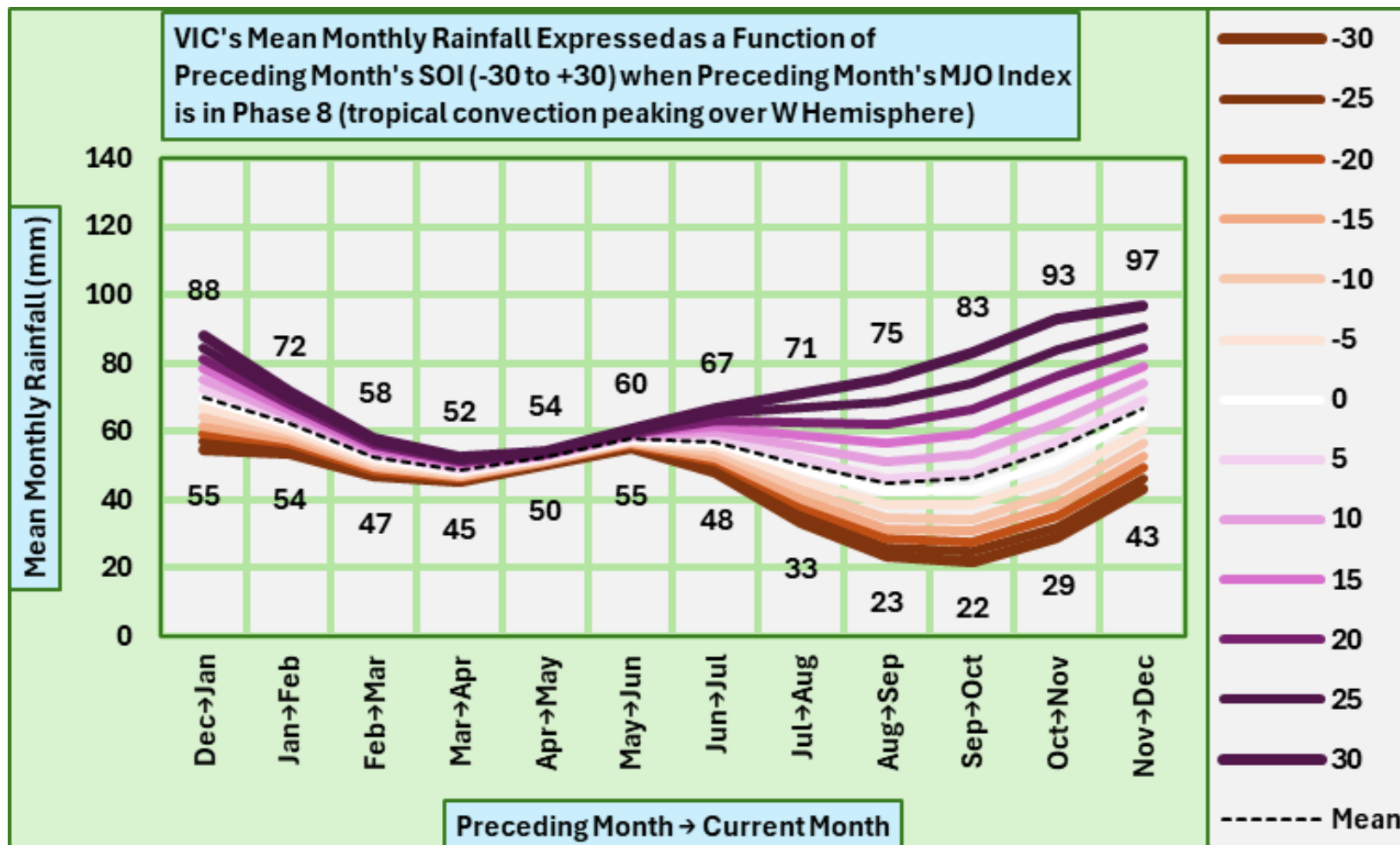
## Two Drivers of Climate Variability



## Two Drivers of Climate Variability



## Two Drivers of Climate Variability



# Climate Indices (1) : Daily Sea Surface Temperature:

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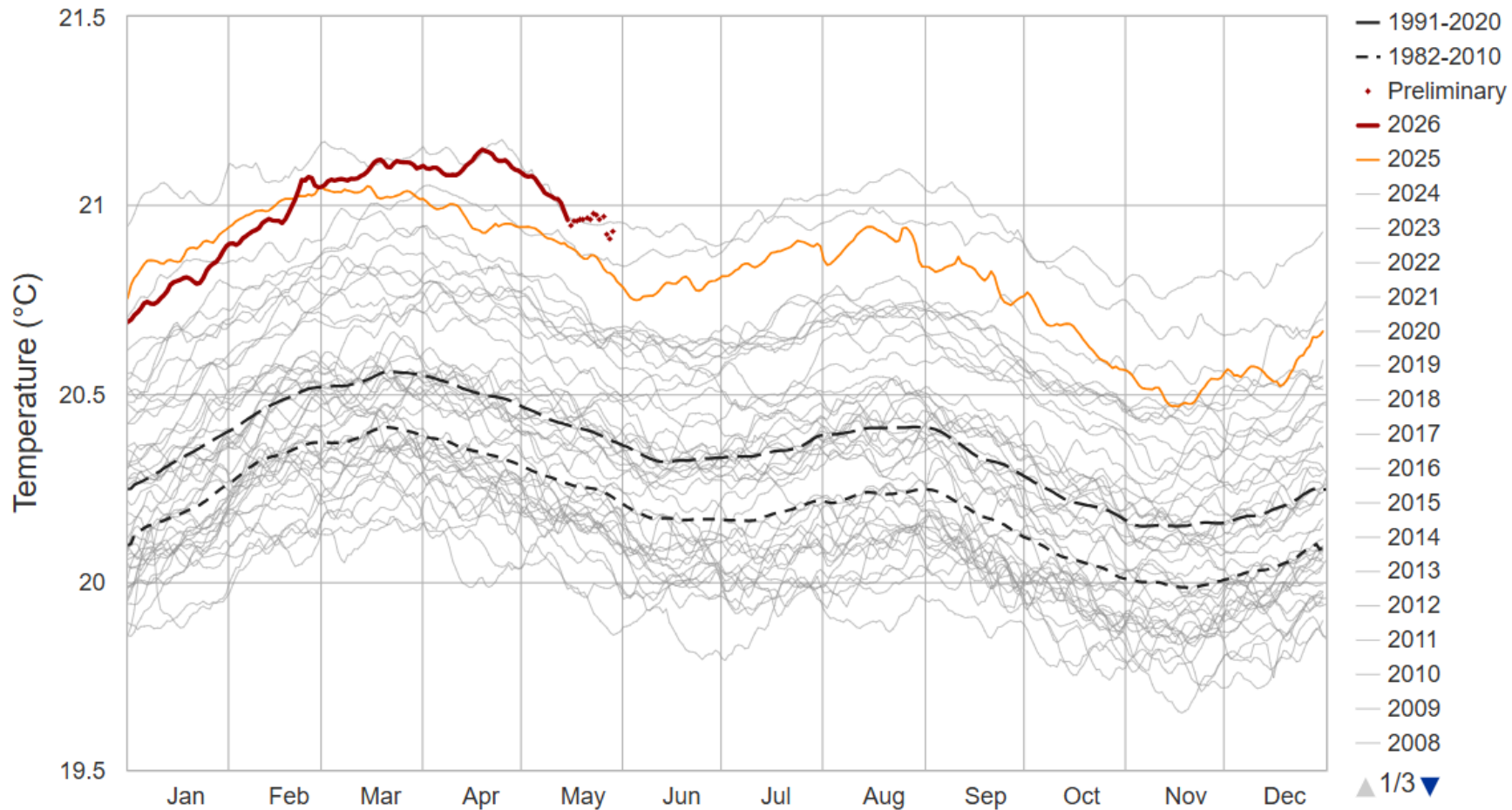
[http://www.cpc.ncep.noaa.gov/products/analysis\\_monitoring/enso\\_update/qsstanim.gif](http://www.cpc.ncep.noaa.gov/products/analysis_monitoring/enso_update/qsstanim.gif)

[https://climatoreanalyzer.org/clim/sst\\_daily/?dm\\_id=world2](https://climatoreanalyzer.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](http://www.cpc.ncep.noaa.gov/products/analysis_monitoring/enso_update/gsstanim.gif)

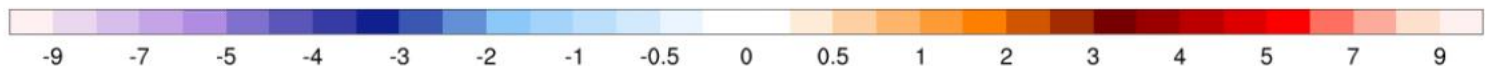
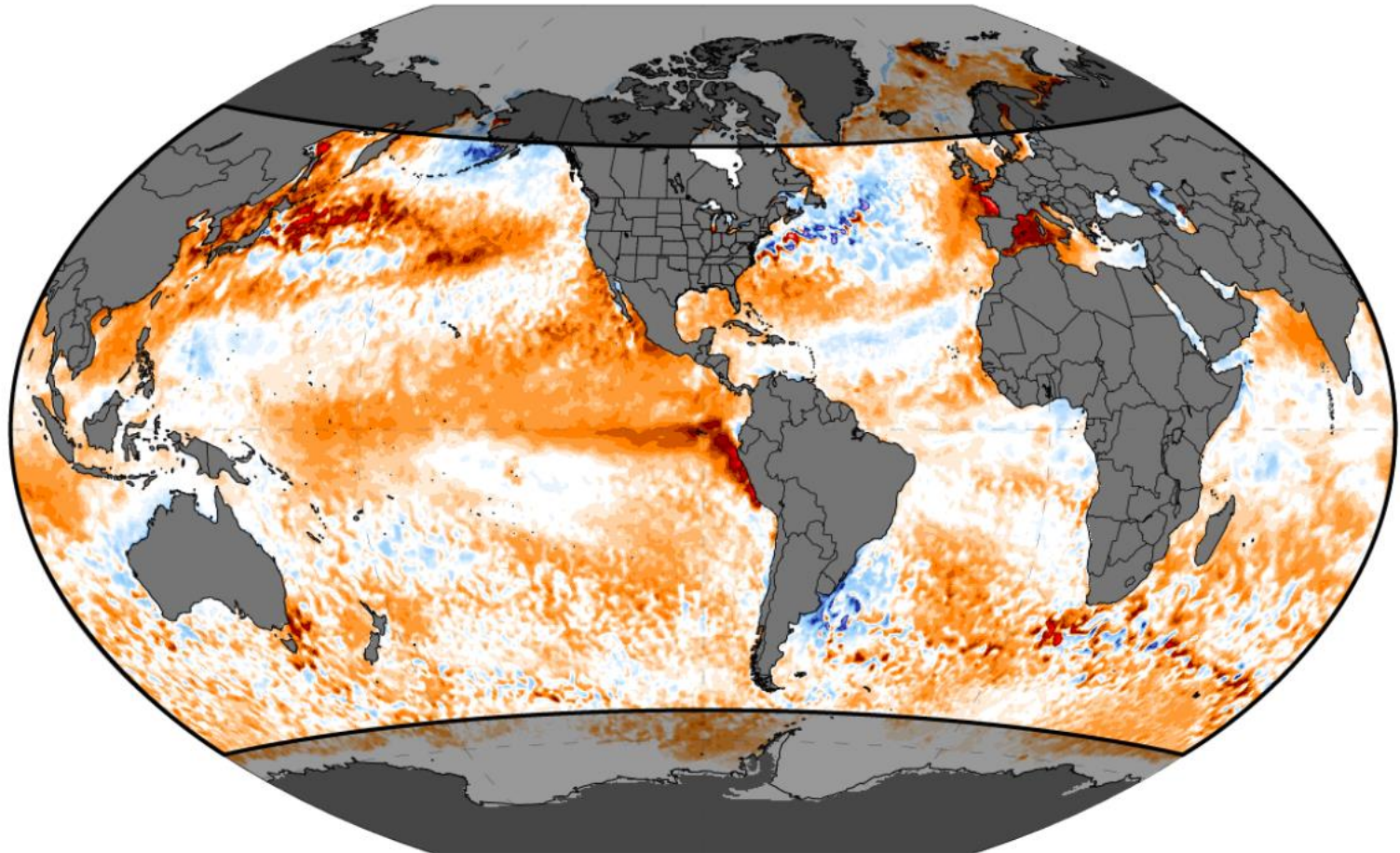
[https://climatereanalyzer.org/clim/sst\\_daily/?dm\\_id=world2](https://climatereanalyzer.org/clim/sst_daily/?dm_id=world2)

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

Fri, May 29, 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](http://www.cpc.ncep.noaa.gov/products/analysis_monitoring/enso_update/qsstanim.gif)

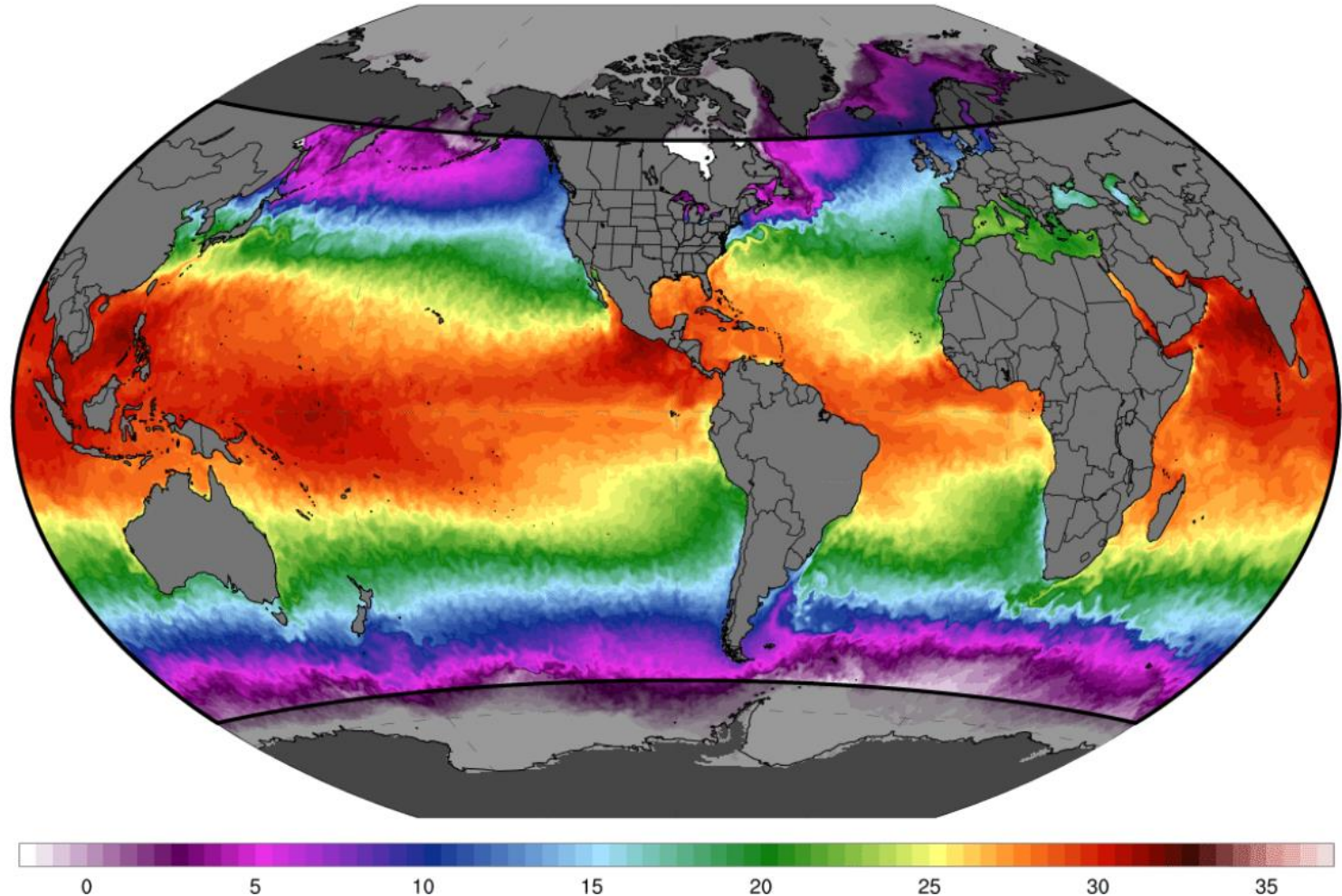
[https://climatereanalyzer.org/clim/sst\\_daily/?dm\\_id=world2](https://climatereanalyzer.org/clim/sst_daily/?dm_id=world2)

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

Fri, May 29, 2026 | preliminary

ClimateReanalyzer.org

Climate Change Institute | University of Maine



## **Climate Indices (5)**

### **Current sea surface temperature distribution:**

[http://www.cpc.ncep.noaa.gov/products/analysis\\_monitoring/enso\\_update/gsstanim.gif](http://www.cpc.ncep.noaa.gov/products/analysis_monitoring/enso_update/gsstanim.gif)

[https://climatereanalyzer.org/clim/sst\\_daily/?dm\\_id=world2](https://climatereanalyzer.org/clim/sst_daily/?dm_id=world2)

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**Click On:**

[\*\*https://www.cpc.ncep.noaa.gov/products/analysis\\_monitoring/enso\\_update/gsstanim.gif\*\*](https://www.cpc.ncep.noaa.gov/products/analysis_monitoring/enso_update/gsstanim.gif)

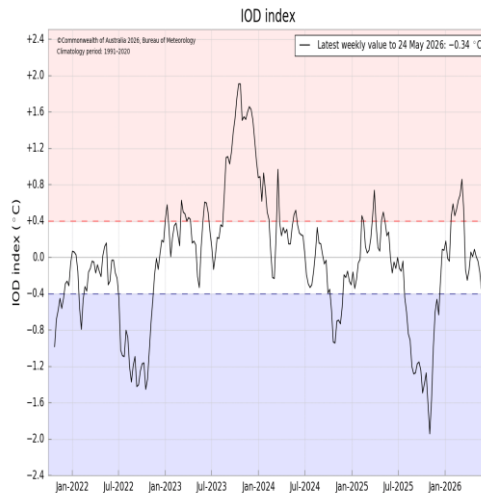
# Climate Indices (4)

<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>  
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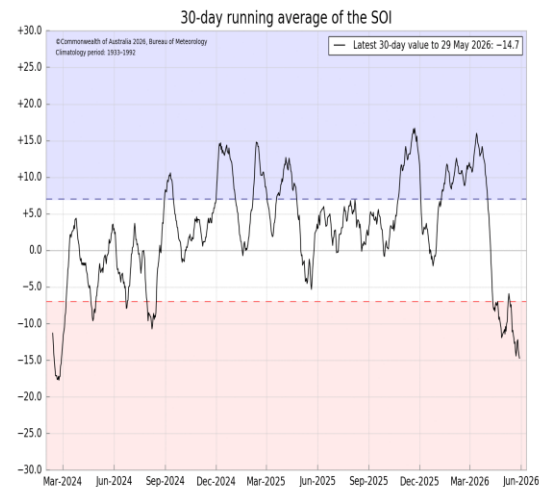
**Multivariate Enso Index = +1.47**

n/a

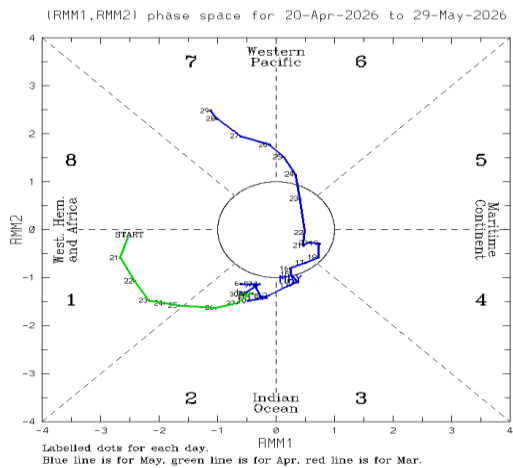
**Indian Ocean Dipole= -0.34 deg C**



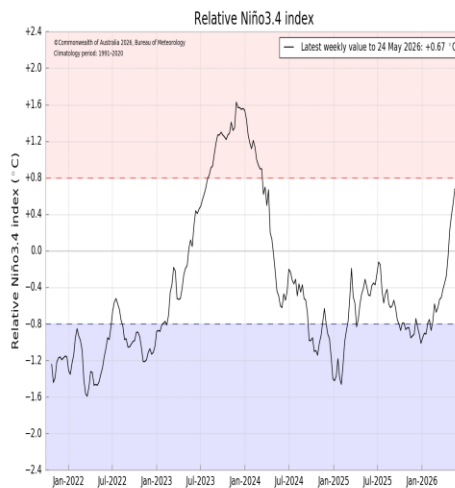
**S O I -14.7 (30) -5.64 (90)**



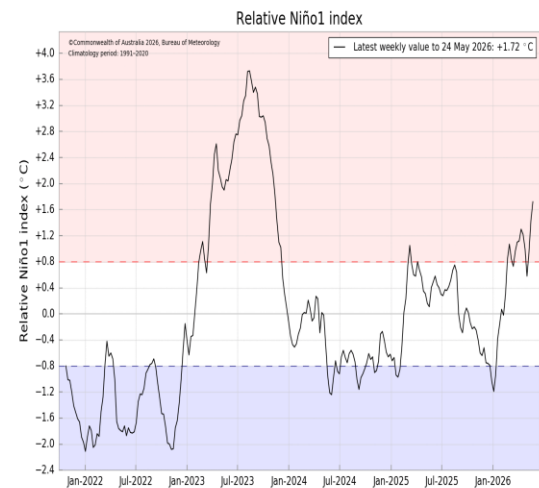
**MADDEN JULIAN OSCILLATION: 7 E Pacific O**



**SST IN CENTRAL PACIFIC: +0.67 deg C**



**SST CLOSE TO SOUTH AMERICA: +1.72 deg C**



## Monthly Outlook for Victoria

The average Indian Ocean Dipole Mode Index for the past week is -0.34 (-0.65 standard deviations), the average Southern Oscillation Index (SOI) for the past 90 days is -5.64, the average SOI for the past 30 days is -14.7, and the latest recorded bimonthly Multivariate ENSO Index (MEI) is 1.47. The expected MEI, adjusted by the Indian Ocean Dipole Mode Index and also by recent values of the SOI, for APR/MAY is 0.41. 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.

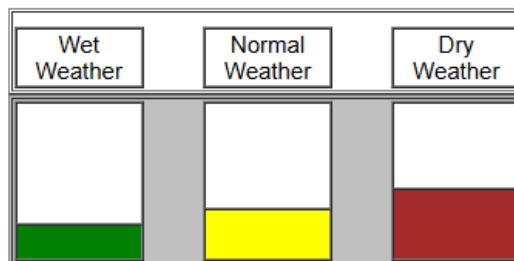
**OVERNIGHT TEMPERATURES:** There is a very slightly enhanced chance that average JUN/JUL/AUG overnight temperatures will be above normal in the WIMMERA, EAST GIPPSLAND and CENTRAL Districts, there is a very slightly enhanced chance that overnight temperatures will be below normal in the NORTHERN COUNTRY 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.

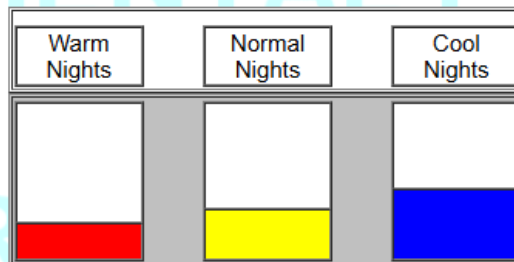
## Monthly Outlook for Melbourne

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:

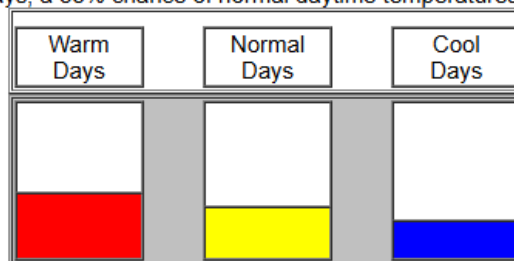
**RAINFALL:** There is a 23% chance of it being wet, a 32% chance of normal rainfall, and a 45% chance of it being dry.



**OVERNIGHT TEMPERATURES:** There is a 23% chance of warm nights, a 32% chance of normal overnight temperatures, and a 45% chance of cool nights.



**DAYTIME TEMPERATURES:** There is a 42% chance of warm days, a 33% chance of normal daytime temperatures, and a 25% chance of cool days.



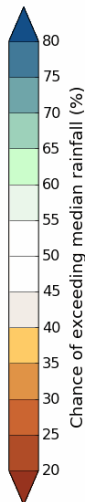
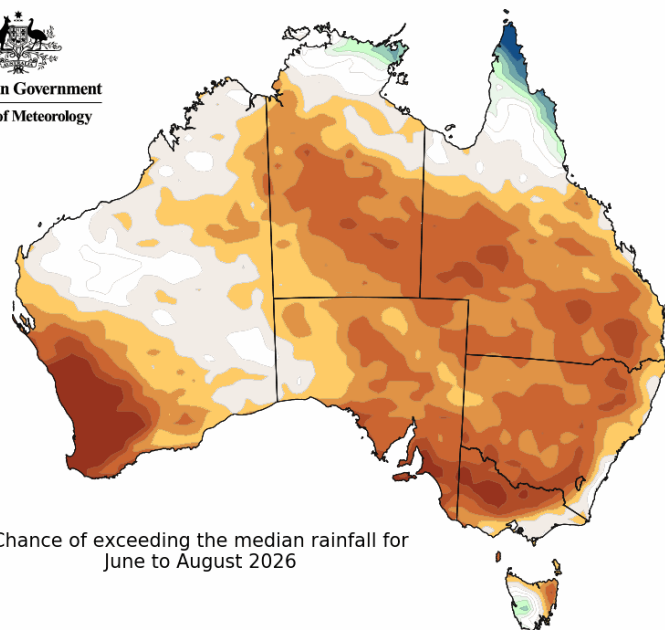
# This Week's Bureau Outlook Maps

<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>

  
Australian Government  
Bureau of Meteorology

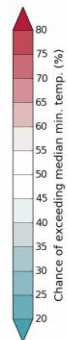
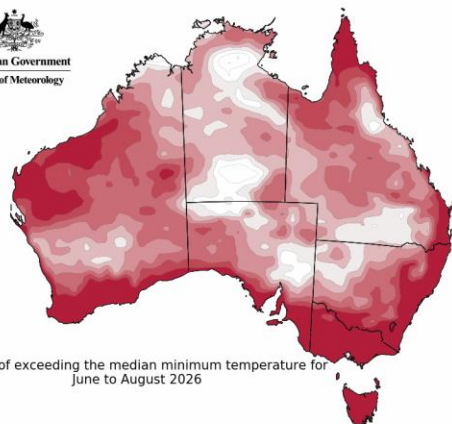


Chance of exceeding the median rainfall for  
June to August 2026

Model: ACCESS-S2  
Base period: 1981-2018

Model run: 25/05/2026  
Issued: 28/05/2026

  
Australian Government  
Bureau of Meteorology

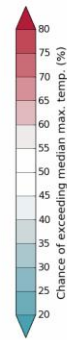
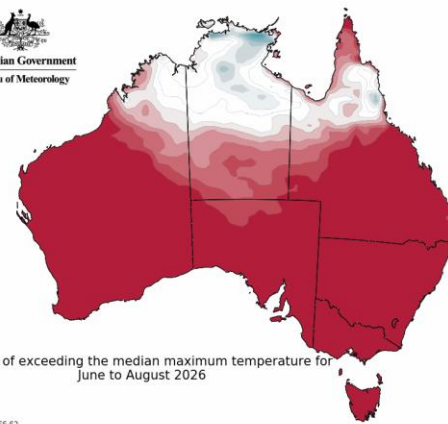


Chance of exceeding the median minimum temperature for  
June to August 2026

Model: ACCESS-S2  
Base period: 1981-2018

Model run: 25/05/2026  
Issued: 28/05/2026

  
Australian Government  
Bureau of Meteorology



Chance of exceeding the median maximum temperature for  
June to August 2026

Model: ACCESS-S2  
Base period: 1981-2018

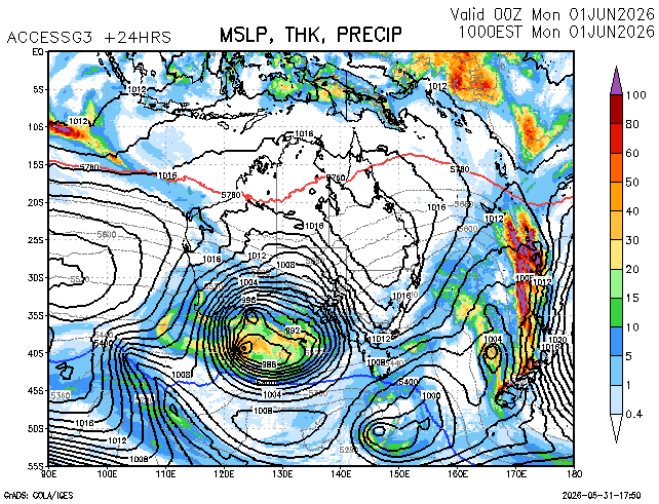
Model run: 25/05/2026  
Issued: 28/05/2026

***This Week's NWP Models . . .***

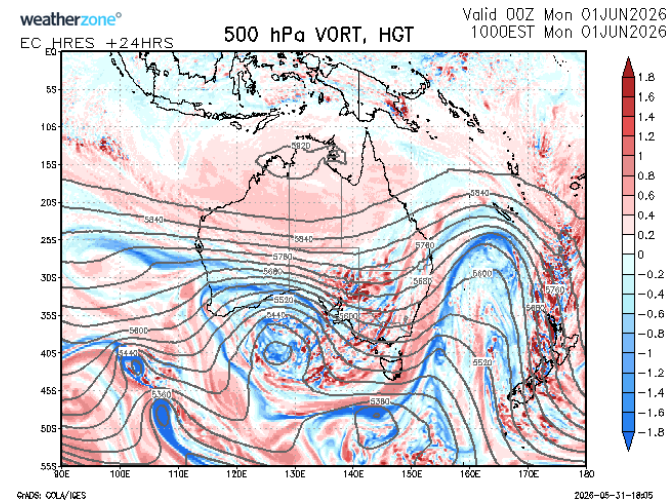
# How We Predict Melbourne's Weather: Mon-01-Jun-2026 (Harvey Stern)

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

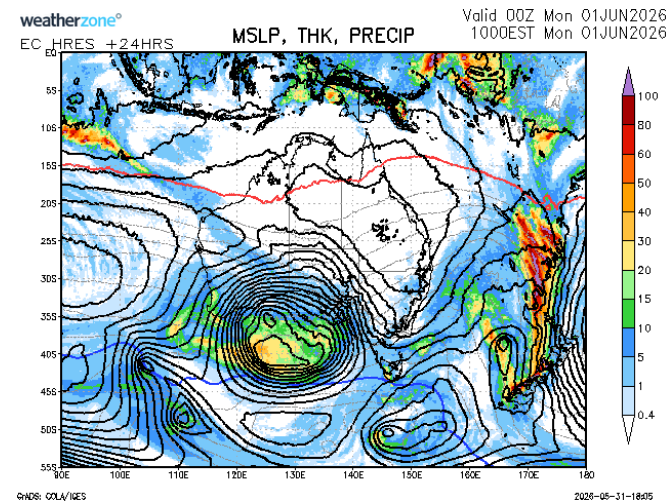
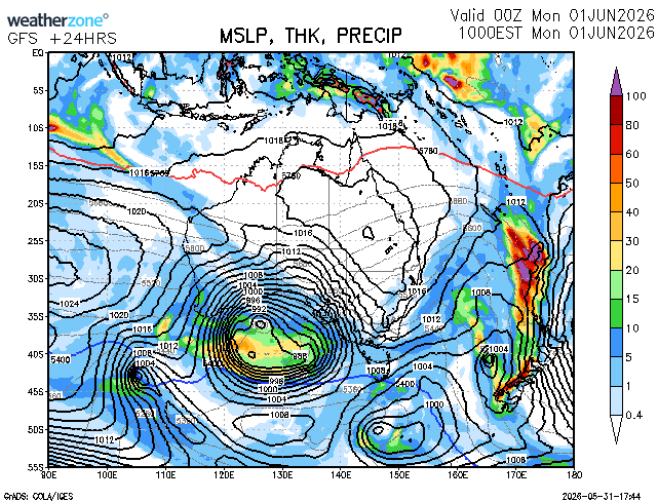
**BoM ACCESS MSL & 500 hPa, GFS, & EC**



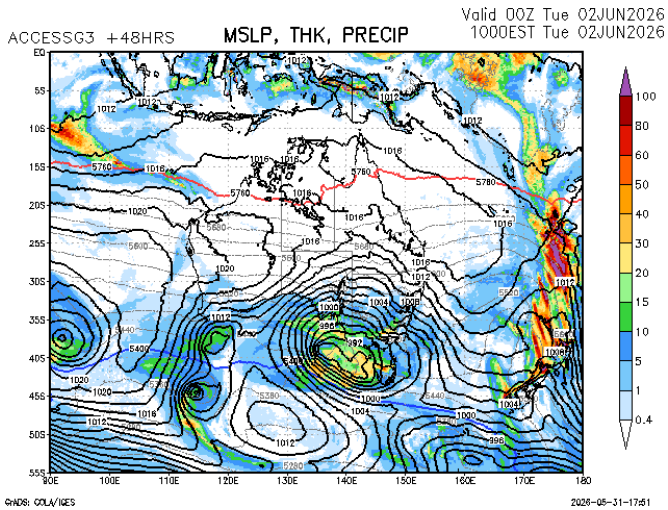
**NWP Models:  
Mon-01-Jun-2026**



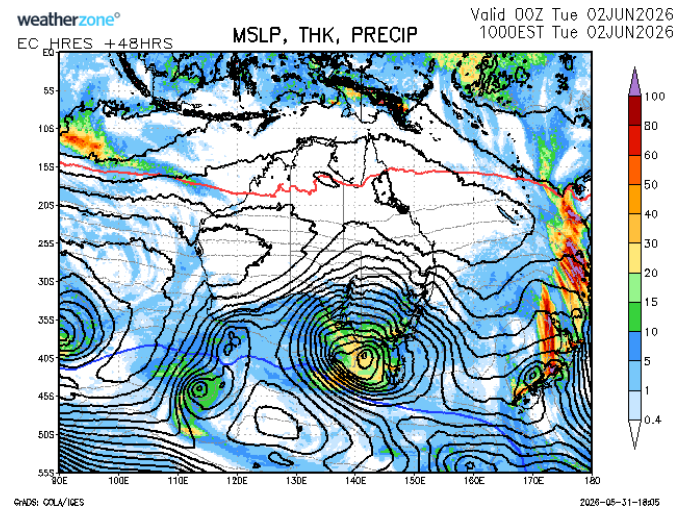
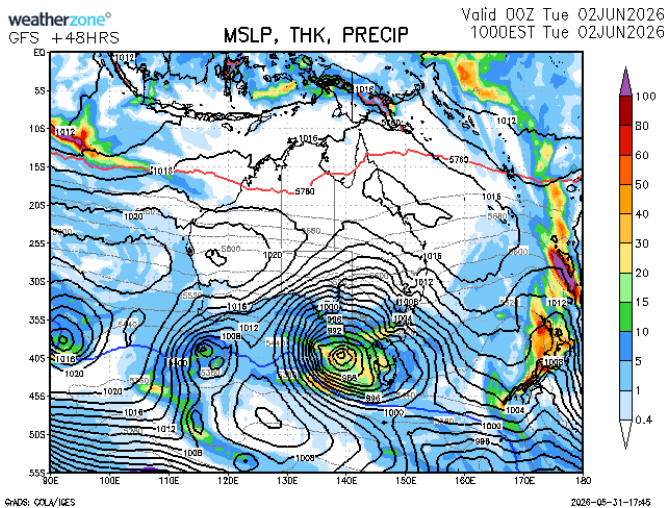
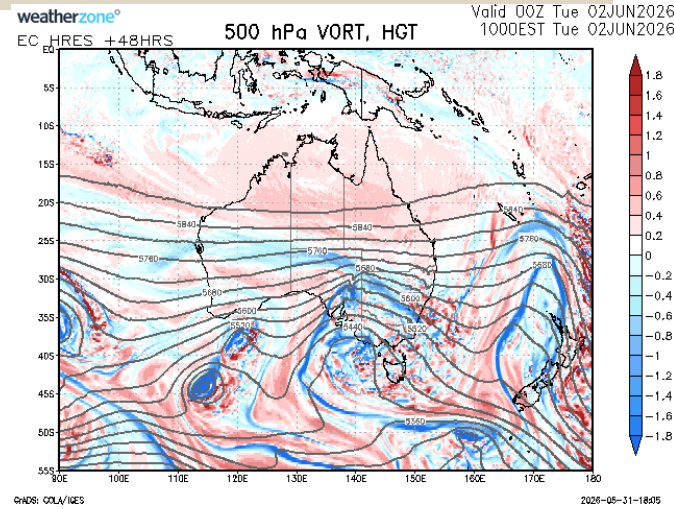
[http://www.bom.gov.au/charts\\_data/IDY20002/current/mslp-thick/IDY20002.mslp-thick.024.png](http://www.bom.gov.au/charts_data/IDY20002/current/mslp-thick/IDY20002.mslp-thick.024.png)



# How We Predict Melbourne's Weather: Mon-01-Jun-2026 (Harvey Stern)

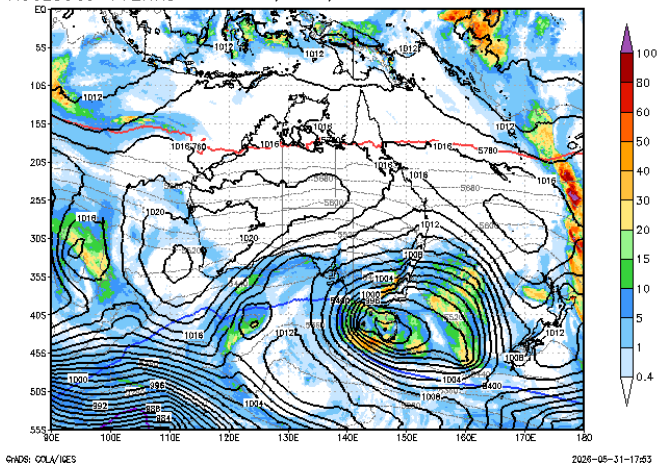


**NWP Models:  
Tue-02-Jun-2026**



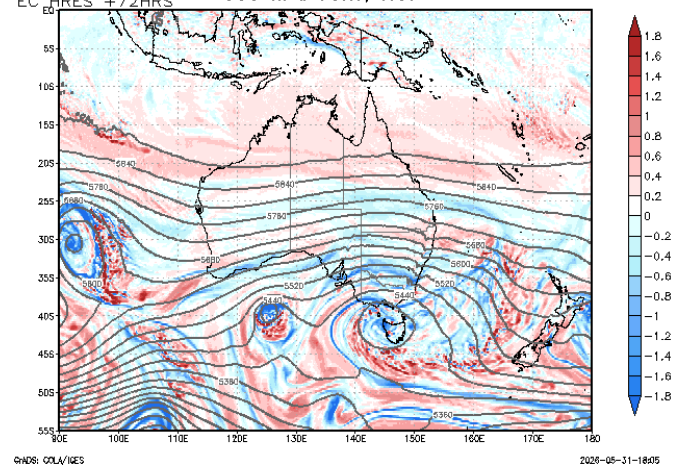
# How We Predict Melbourne's Weather: Mon-01-Jun-2026 (Harvey Stern)

ACCESSG3 +72HRS MSLP, THK, PRECIP Valid 00Z Wed 03JUN2026  
1000EST Wed 03JUN2026

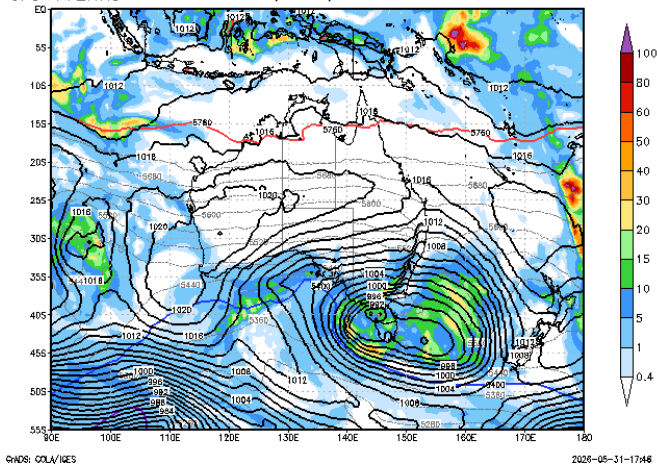


**NWP Models:  
Wed-03-Jun-2026**

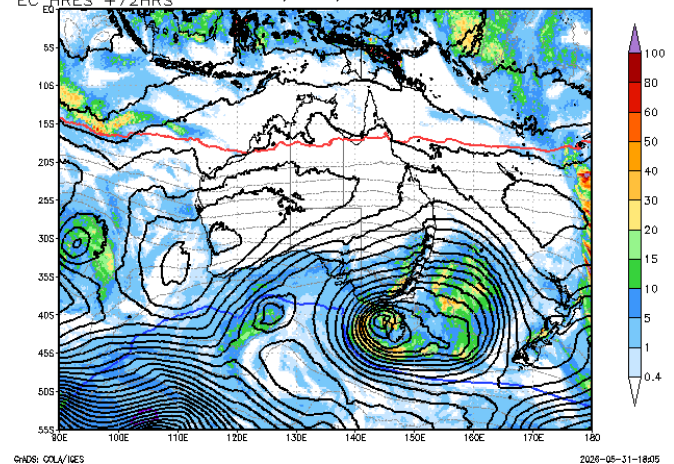
weatherzone<sup>®</sup> EC\_HRES +72HRS 500 hPa VORT, HGT Valid 00Z Wed 03JUN2026  
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weatherzone<sup>®</sup> GFS +72HRS MSLP, THK, PRECIP Valid 00Z Wed 03JUN2026  
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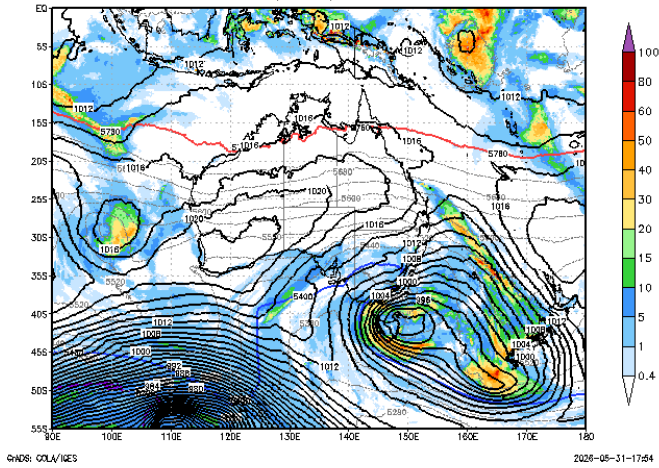


weatherzone<sup>®</sup> EC\_HRES +72HRS MSLP, THK, PRECIP Valid 00Z Wed 03JUN2026  
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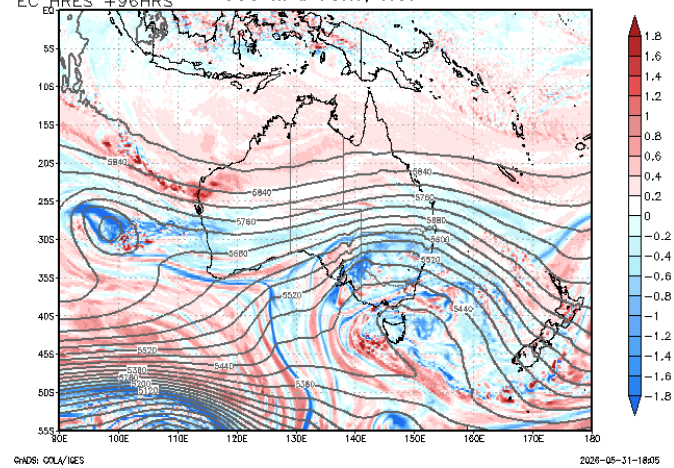
# How We Predict Melbourne's Weather: Mon-01-Jun-2026 (Harvey Stern)

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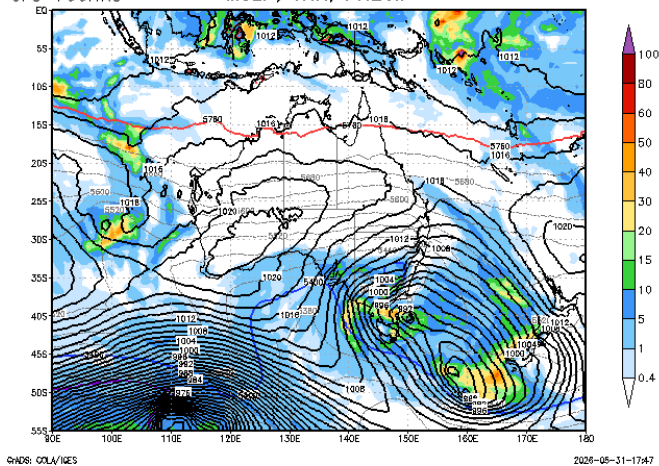


**NWP Models:  
Thu-04-Jun-2026**

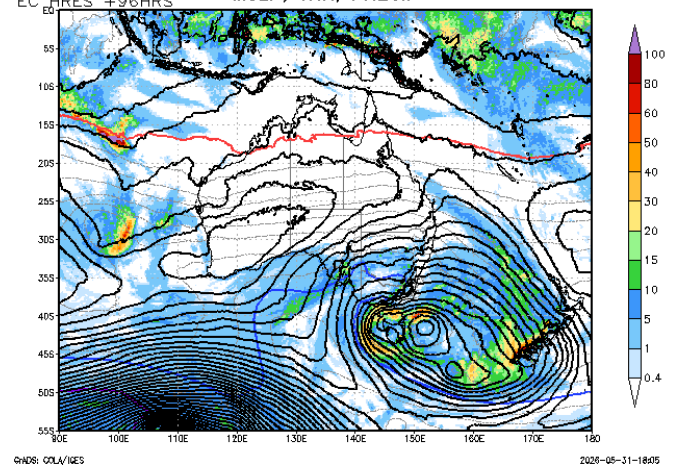
weatherzone<sup>®</sup> EC\_HRES +96HRS 500 hPa VORT, HGT Valid 00Z Thu 04JUN2026  
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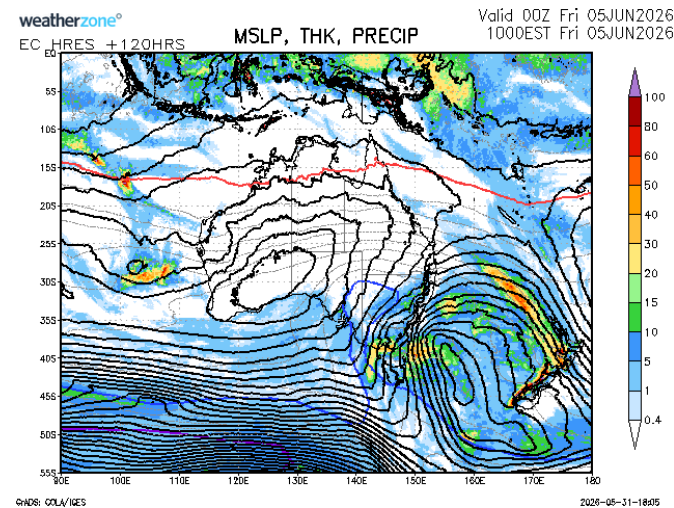
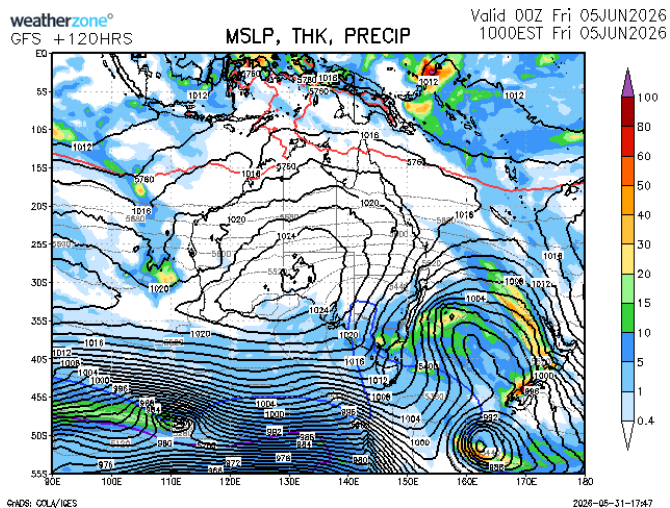
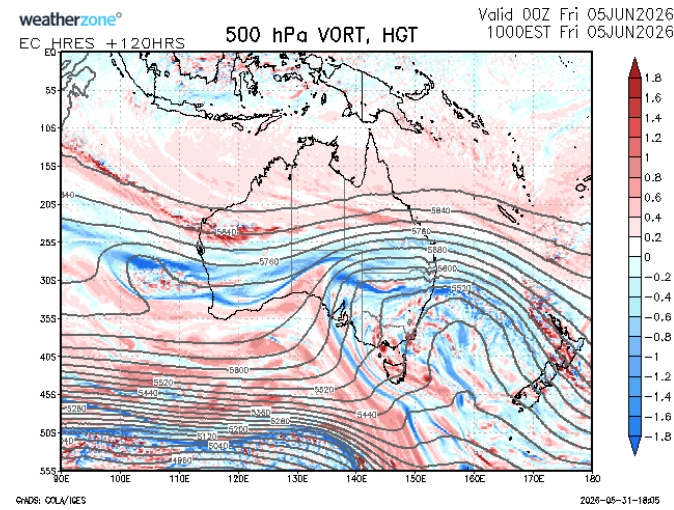
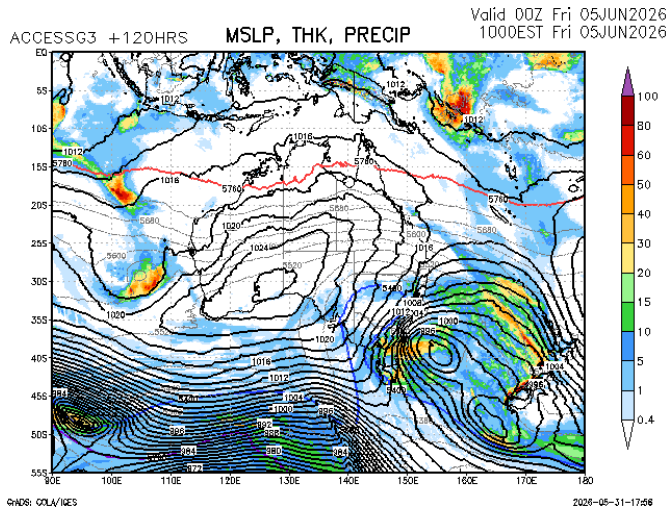


weatherzone<sup>®</sup> EC\_HRES +96HRS MSLP, THK, PRECIP Valid 00Z Thu 04JUN2026  
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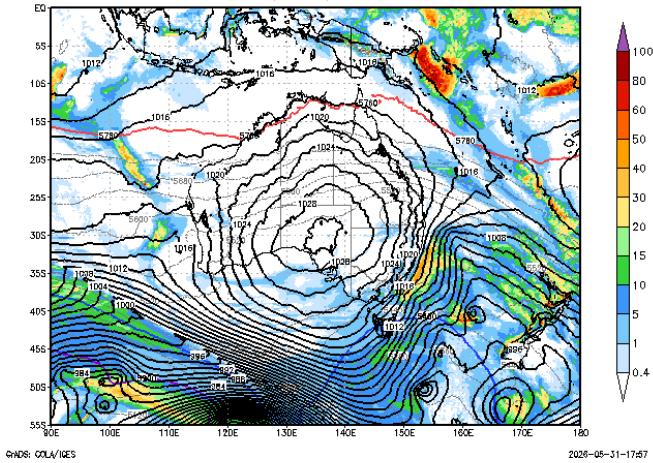
# How We Predict Melbourne's Weather: Mon-01-Jun-2026 (Harvey Stern)

**NWP Models:  
Fri-05-Jun-2026**



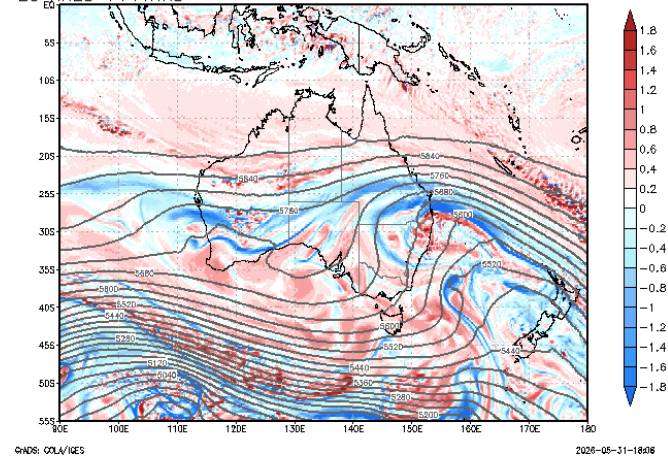
# How We Predict Melbourne's Weather: Mon-01-Jun-2026 (Harvey Stern)

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1000EST Sat 06JUN2026

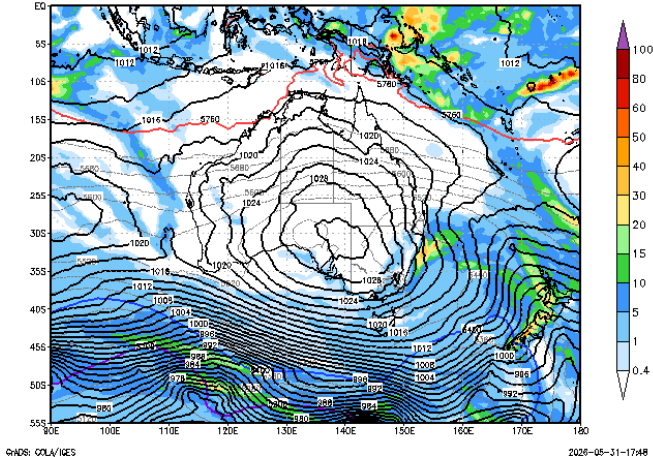


**NWP Models:  
Sat-06-Jun-2026**

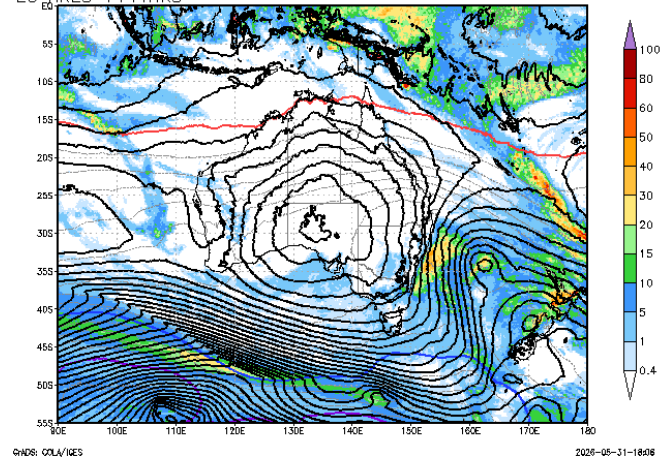
weatherzone° EC\_HRES +144HRS 500 hPa VORT, HGT Valid 00Z Sat 06JUN2026  
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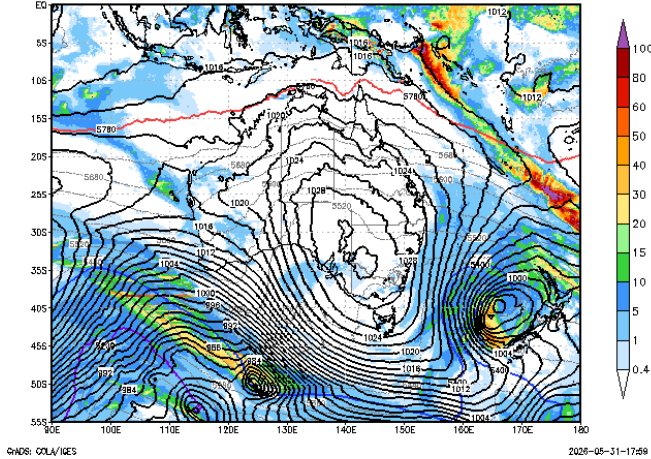


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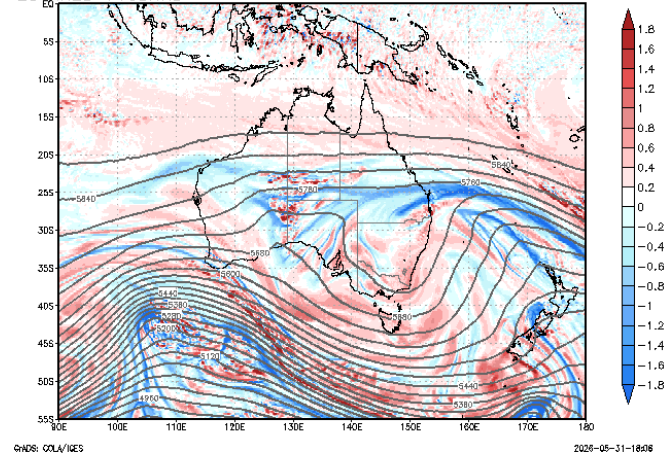
# How We Predict Melbourne's Weather: Mon-01-Jun-2026 (Harvey Stern)

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1000EST Sun 07JUN2026

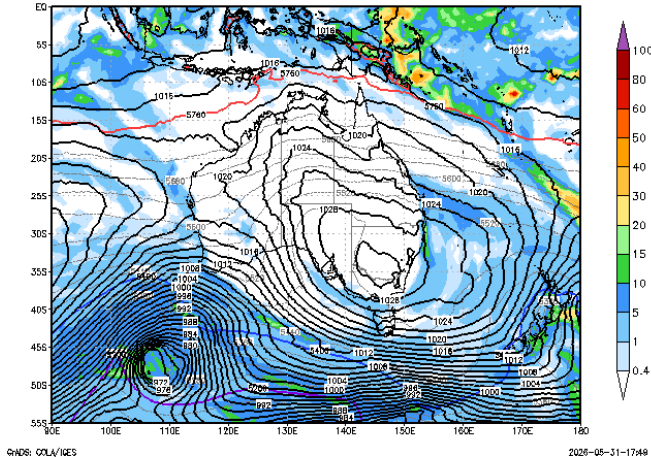


**NWP Models:  
Sun-07-Jun-2026**

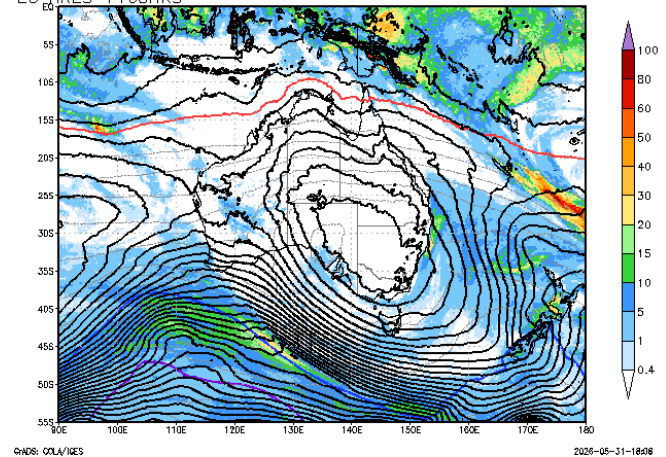
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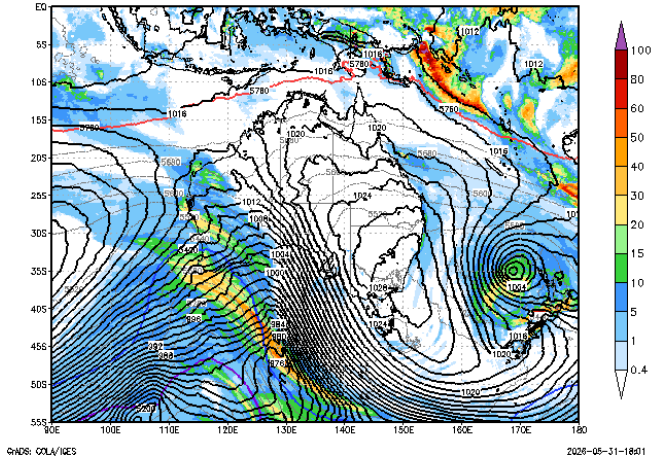


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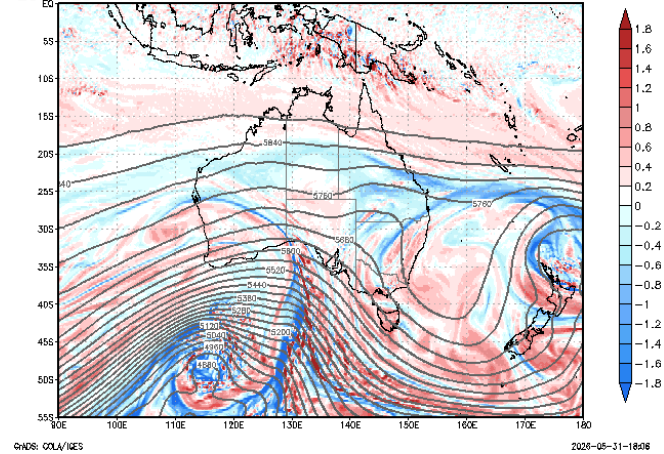
# How We Predict Melbourne's Weather: Mon-01-Jun-2026 (Harvey Stern)

ACCESSG3 +192HRS MSLP, THK, PRECIP Valid 00Z Mon 08JUN2026  
1000EST Mon 08JUN2026

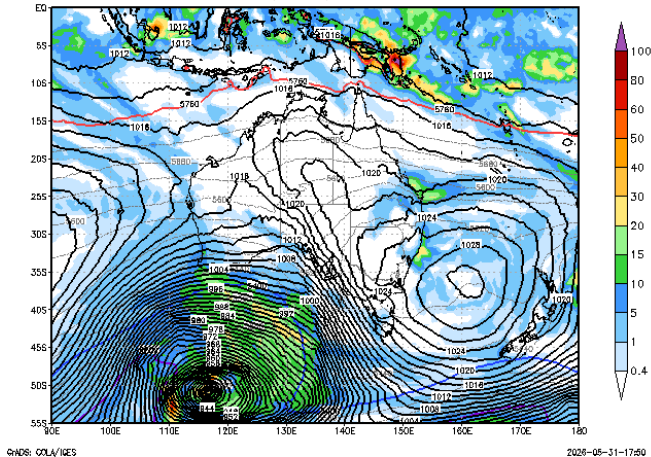


**NWP Models:  
Mon-08-Jun-2026**

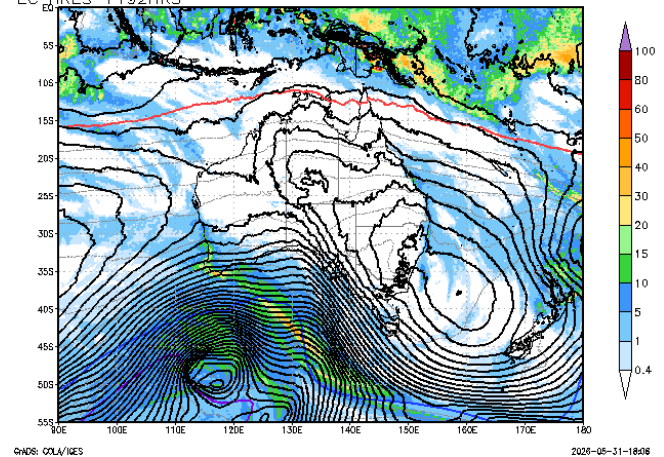
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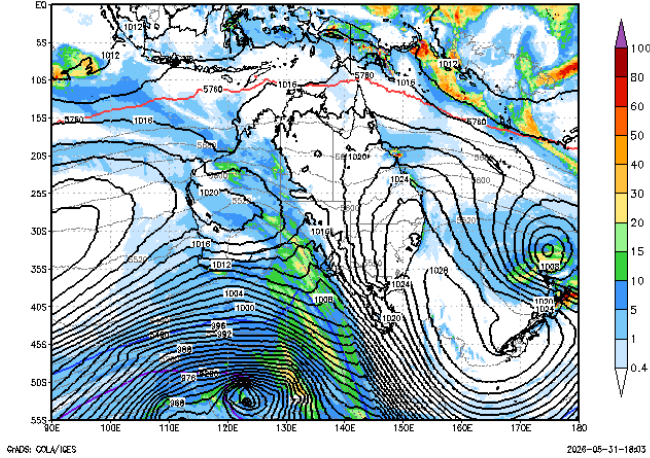


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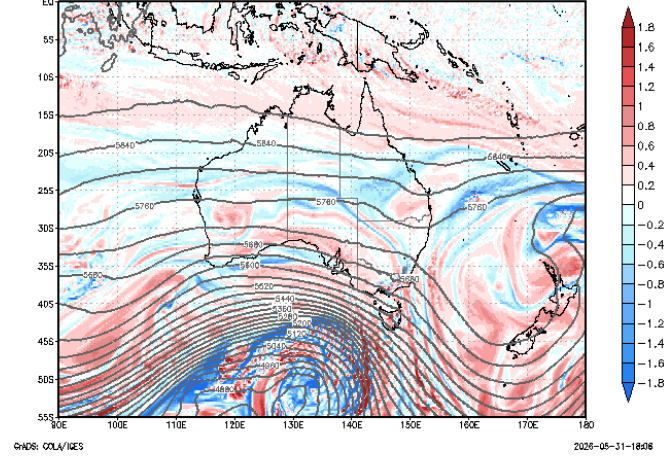
# How We Predict Melbourne's Weather: Mon-01-Jun-2026 (Harvey Stern)

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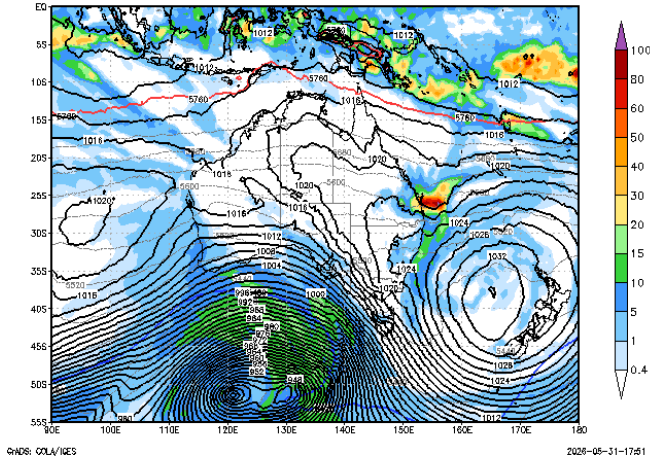


**NWP Models:  
Tue-09-Jun-2026**

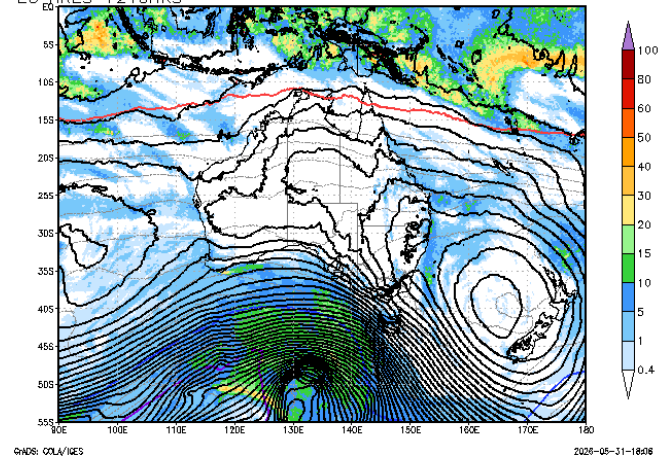
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weatherzone<sup>®</sup> GFS +216HRS MSLP, THK, PRECIP Valid 00Z Tue 09JUN2026  
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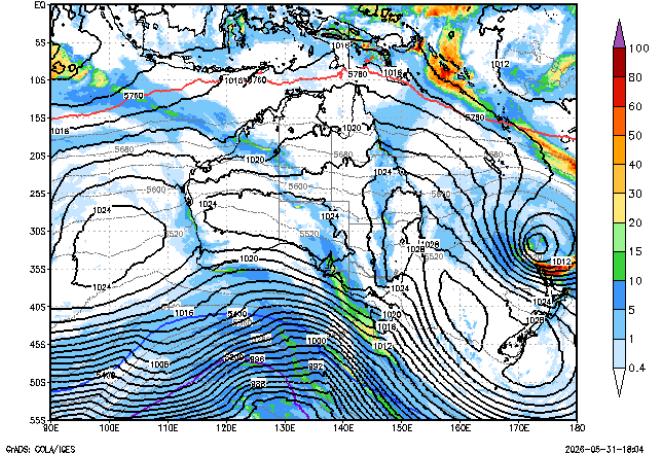


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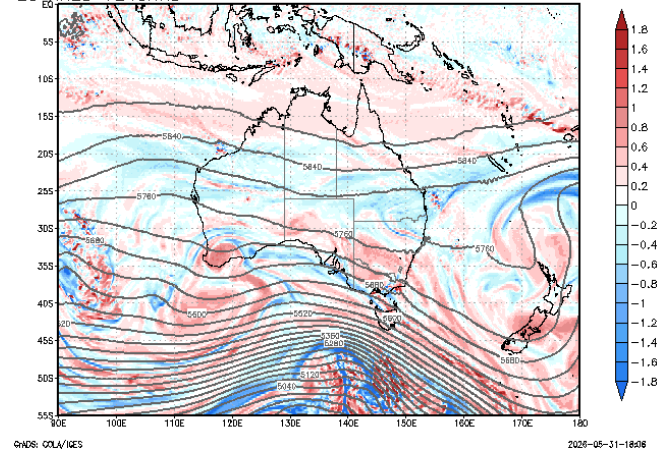
# How We Predict Melbourne's Weather: Mon-01-Jun-2026 (Harvey Stern)

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1000EST Wed 10JUN2026

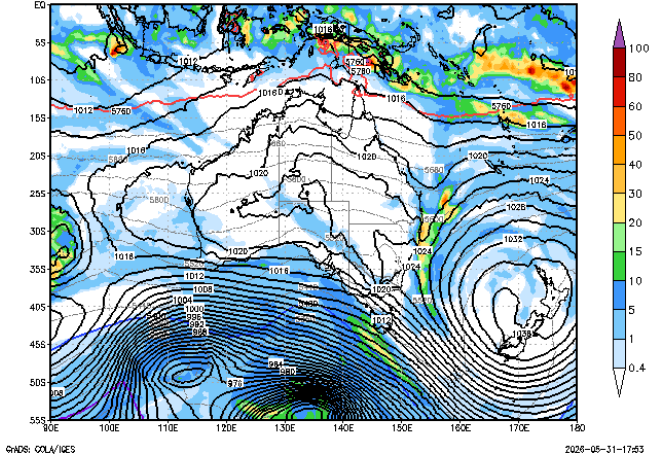


**NWP Models:  
Wed-10-Jun-2026**

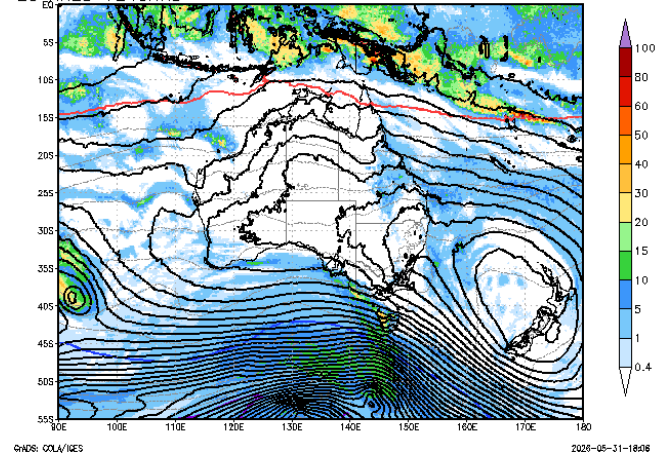
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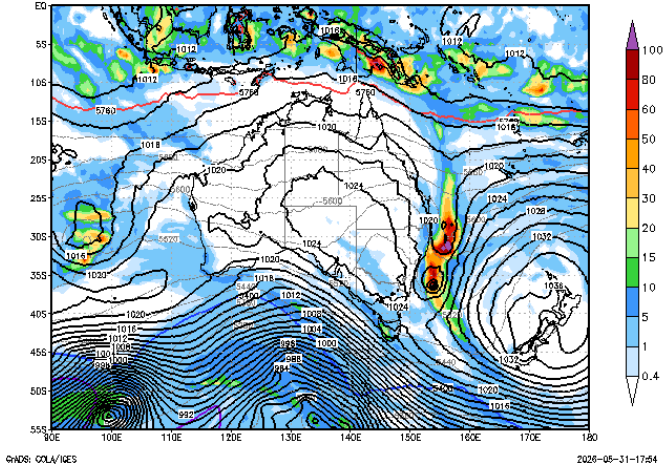
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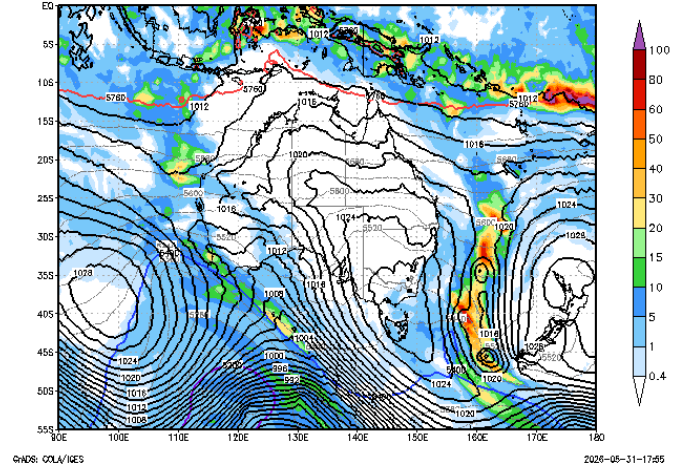
How We Predict Melbourne's Weather:  
Mon-01-Jun-2026 (Harvey Stern)

**GFS NWP Model MSL Pressure:  
Thu-11-Jun-2026  
to Sun-14-Jun-2026**

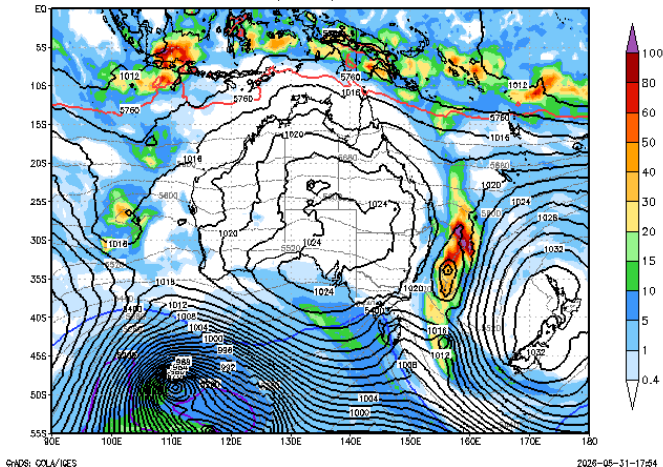
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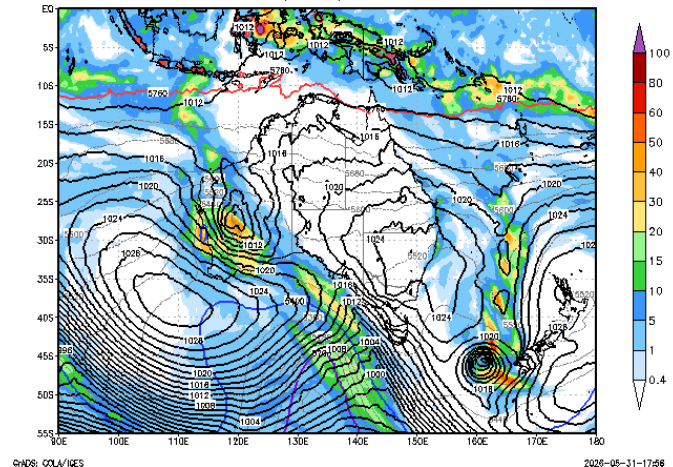
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weatherzone<sup>®</sup> Valid 00Z Fri 12JUN2026  
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weatherzone<sup>®</sup> Valid 00Z Sun 14JUN2026  
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









## Next Two Week's GFS Melbourne Forecast

NOAA Data At: **31-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)
Mon-1-6-2026	Rain. 	Rain. 	8.9 (8.6)	14.2 (14.5)	6.2	86	N 30 N 35 Gusts75
Tue-2-6-2026	Rain. 	Rain. 	11.1 (10.8)	15.8 (16.6)	7	96	N 35 N 35 Gusts75
Wed-3-6-2026	Rain. 	Rain. 	11.3 (11.4)	16.2 (16.2)	3.4	87	NW 20 W 25 Gusts55
Thu-4-6-2026	Rain. 	Rain. 	9.4 (9.6)	15.8 (15.3)	5.2	86	NW 20 W 25 Gusts55
Fri-5-6-2026	Rain. 	Rain. 	9.3 (9.3)	15.6 (14.7)	3.9	84	WSW 20 SW 25 Gusts55
Sat-6-6-2026	Possible Shower. 	Possible Shower. 	10 (9.9)	17.4 (16.9)	0	40	NW 12 W 15 Gusts40
Sun-7-6-2026	Partly Cloudy. 	Cloudy. 	9.7 (9.4)	17.9 (17.5)	0	20	N 20 N 25 Gusts55

NOAA Data At: **31-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)
Mon-8-6-2026	Partly Cloudy. 	Cloudy. 	8.9 (8.5)	17.1 (17.1)	0	21	N 20 N 25 Gusts55
Tue-9-6-2026	Windy. 	Windy. 	10.9 (10.4)	16.2 (16.7)	0	36	N 30 N 35 Gusts75
Wed-10-6-2026	Shower. 	Shower. 	11.2 (10.9)	16.5 (16.9)	1.2	62	N 30 NNW 30 Gusts65
Thu-11-6-2026	Partly Cloudy. 	Cloudy. 	8.5 (8.2)	16.4 (16.1)	0	32	N 12 N 12 Gusts35
Fri-12-6-2026	Cloudy. 	Shower. 	10.3 (10.1)	15.5 (15)	0.5	52	NW 12 W 15 Gusts40
Sat-13-6-2026	Fog. 	Partly Cloudy. 	7.3 (7)	15.3 (14.8)	0	21	N 8 NNE 12 Gusts30
Sun-14-6-2026	Shower. 	Shower. 	9.8 (9.5)	16.1 (16.3)	2.6	60	N 30 N 35 Gusts75

*How We Predict Melbourne's Weather:  
Mon-01-Jun-2026 (Harvey Stern)*

## ***How We Predict Melbourne's Weather***

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***Thank You . . .***