

# ATFM Daily Plan - Monday 06 May 2024

ADP Version 1



Airport	Planned GDPs	Total Arr/Dep	Affected Flights	Total Ground Delay	Av. Ground Delay	36 Hr Synoptic Forecast
YSSY	YSSY GDP-A 2000-0300	914	99	1,323	13.00	<p>National Meteorological and Oceanographic Centre 480, Pengelly (MFM) Forecast 00 UTC Mon, 6 May 2024 (10AM EST, 11AM EDT) www.bom.gov.au The Bureau of Meteorology</p>
YMML	YMML GDP-A 2000-0500	689	127	4,094	32.00	
YBBN	NONE	597	n/a	0	0.00	
YPPH-A	NONE	480	n/a	0	0.00	
YPPH-D	YPPH GDP-D 2130-0030		101	775	7.70	
<b>Totals</b>		<b>2680</b>	<b>327</b>	<b>6,192</b>	<b>12.66</b>	

\* denotes a revision has taken place

### ATFM Daily Plan Summary Notes

YSSY	Showers expected to ease from late morning, otherwise no significant operational risks identified.
YMML	Morning fog and low cloud expected in the TMA.
YBBN	Morning fog likely in the SW TMA, otherwise no significant risks identified.
YPPH	Morning fog and low cloud expected in the TMA.
Other Significant	Refer NOTAM for latest estimated airborne traffic delay advice.
Change Summary:	[06:49pm] Version 1: Initial.

<p><b>Teleconference Details</b>                      1800 062 923                      Participant Code 7207 9651                      Guest Code 3064#                      NCC: 1800 020 626                      atfmu@airservicesaustralia.com</p>	<p><b>CAP THREAT: 052130-060015 &amp; 060730-060930</b></p>	<p><b>PRM: NOT REQ</b></p>
	<p><b>YMEN SLOT SCHEME: NO</b></p>	

### Issues expected to impact service delivery

Location	Issue/NOTAM Details
YSSY	C1409/24 RWY 07/25 CLOSED FM 05 052100 TO 05 100700 DAILY 2100-0700
YSSY	C1413/24 RWY 07/25 CLOSED FM 05 051000 TO 05 091300 DAILY 1000-1300
YMML	C546/24 RWY 09/27 CLSD DUE WIP FM 05 080000 TO 05 080600

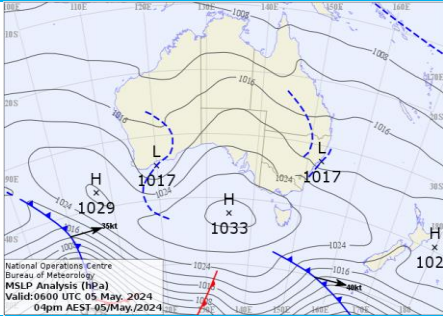
# Network Weather Overview

From now to +72 hours

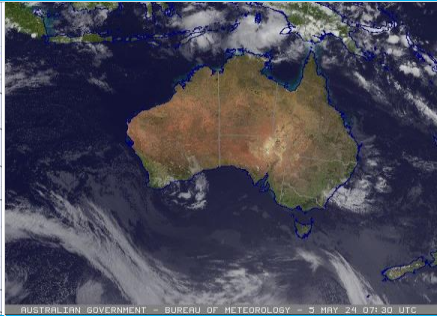
## Monday 06 May 2024

### Weather Overview

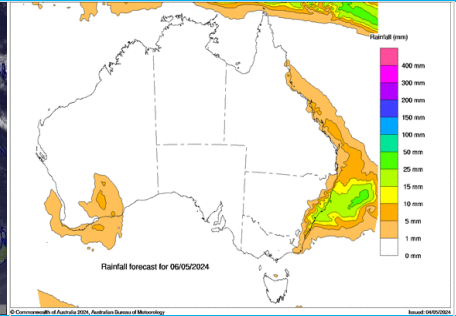
Mean Sea Level Pressure



Satellite Picture



Rainfall Outlook for tomorrow



### Weather impact risk assessment Major Airports

	Brisbane	Melbourne	Perth	Sydney
<b>AM Monday</b>	Cloud above 2500ft. Showers offshore. Light SSW to S winds.	Fog and low cloud in TMA. Light S to SSW winds becoming SSE. SE winds 15-20 knots aloft.	Fog and low cloud in TMA. Light and variable winds becoming S to SE mid-morning then turning SSW late morning.	Cloud 2000-3000ft. Showers, slight chance of offshore storms. Moderate S to SE winds increasing and becoming gusty.
<b>PM Monday</b>	Cloud above 3000ft, chance lowering to 2500ft during the evening. Showers offshore, possibly on the coast during the afternoon. Light to moderate S to SE winds.	Patchy cloud above 3000ft. Light S to SSE winds becoming S to SSW during the afternoon.	Patchy cloud above 3000ft. Possible light isolated showers offshore. Light to moderate S to SW winds becoming SE during the evening.	Cloud 2500-4000ft. Showers easing. Moderate to fresh S to SE winds, gusty at times in the afternoon. Winds easing during the evening.
<b>AM Tuesday</b>	Showers, most likely offshore. Cloud 2000-3000ft. Moderate S to SE winds.	Fog in the TMA, possible at the airport. Light and variable winds.	Likely CAVOK. Light SE winds.	Patchy cloud above 4000ft. Light to moderate SE winds.
<b>PM Tuesday</b>	Showers easing evening. Cloud 2500-3500ft. Moderate to fresh SE winds.	CAVOK. Light S winds.	CAVOK. Light S to SE winds.	Cloud 3000-4000ft. Showers. Light to moderate SE winds.
<b>AM Wednesday</b>	Cloud 2000-3000ft. Showers offshore moving over the coast during the morning. Light S to SSW winds tending light to moderate SE during the morning. SE winds aloft 20 to 30 knots.	Cloud 1000-2000ft. Fog N and W TMA. Light NW winds.	CAVOK. Light to moderate E to NE winds.	Cloud 2500-3500ft. Showers. Light to moderate SSW to SE winds. NE winds aloft 25 to 35 knots.
<b>PM Wednesday</b>	Showers easing evening. Moderate SE winds, easing evening. SE winds aloft 20 to 30 knots.	CAVOK. Possible late fog patches. Light and variable winds.	CAVOK. Light to moderate E to SE winds.	Cloud 2500-3500ft. Showers. Light to moderate S to SE winds. NE winds aloft 25 to 35 knots evening.

### Significant other phenomena potentially affecting Australian FIRs

Volcanic Ash (VA) ≥ FL200	Mt. Ruang (Indonesia): Aviation colour code remains RED for the possibility of a high-level eruption. For the latest information refer to <a href="http://www.bom.gov.au/aviation/volcanic-ash/darwin-va-advisory.shtml">http://www.bom.gov.au/aviation/volcanic-ash/darwin-va-advisory.shtml</a>
Space Weather	For latest advisories refer to <a href="http://www.bom.gov.au/aviation/space-weather-advisories/">http://www.bom.gov.au/aviation/space-weather-advisories/</a>
Tropical Cyclones	Nil significant. For the latest information refer to <a href="http://www.bom.gov.au/cyclone/">http://www.bom.gov.au/cyclone/</a>

Weather risk assessment provided by NCC Meteorological Unit – Bureau of Meteorology  
Contact NCCMET for further detail or advice

Phone: 02 6268 4448  
Email: [nccmet@bom.gov.au](mailto:nccmet@bom.gov.au)

Detailed advice from major Airport MET CDM products available at Airservices NOC Portal, <https://www.airservicesaustralia.com/noc/>

# SYDNEY - YSSY GDP-A 2000-0300

Monday 06 May 2024

## ATFM-CDM Notes

**METCDM Notes:**

[1] 2000-2359: High pressure system west of Tasmania is directing SSE flow over the area. Early morning a weak convergence is expected to develop over the coastal areas and abate during the morning as the aloft winds mixes to the surface. Moderate, gusty at times S to SSE winds increasing during the morning with 25-35 knots SSE winds aloft. Showers with slight chance of storms offshore and over areas to far NE. Cloud 2000-3000ft lower in showers. DVAB rate indicated due to cloud ceiling and higher certainty of visibility being above 5000m. X-factor applied for risk of strong headwind on RWY 16 approach and for risk of visibility/cloud ceiling dropping below DVAB threshold.  
 [2] 2300-1259: Showers in TMA easing. Cloud 2500-4000ft lower in showers. Moderate and gusty SE'ly winds with 25-35 knots SSE winds aloft. X-factor applied for risk of strong headwind on RWY 16 approach.

**NCC DLM Notes:**

[Nil DLM Notes]

**SM Notes:**

[Nil SMTM Notes]

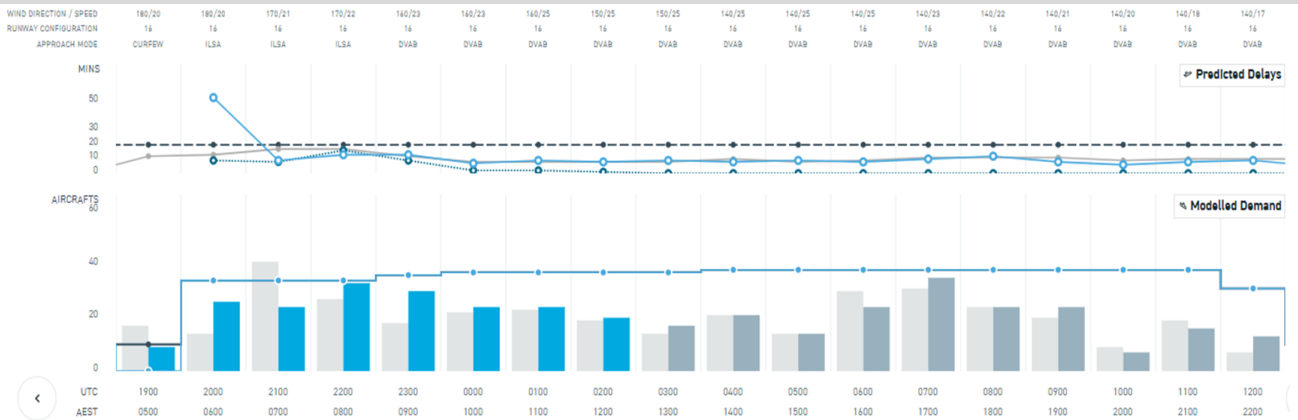
## GDP Notes

Showers expected to ease from late morning, otherwise no significant operational risks identified.

### Tabulated Data

Time (Hour UTC)	052000	052100	052200	052300	060000	060100	060200	060300	060400	060500	060600	060700	060800	060900	061000	061100	061200	0	
Runway Mode	16 ILSA	16 ILSA	16 ILSA	16 DVAB	16 DVAB	16 DVAB	16 DVAB	16 DVAB	16 DVAB	16 DVAB	16 DVAB	16 DVAB	16 DVAB	16 DVAB	16 DVAB	16 DVAB	16 DVAB	16 DVAB	
Rate	34	34	34	36	37	37	37	37	38	38	38	38	38	38	38	38	38	31	
Segmentation and Notes																			
METCDM Notes	1	1	1	1&2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0
Segmentation	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	

### Bar Graph



**Legend**

- ERSA airborne delay threshold
- Final CDM rate
- Ground delay (average)
- Current demand
- Modelled demand (no GDP)
- Modelled demand (GDP)
- Initial airborne delay (90th PCTL)
- Latest airborne delay (90th PCTL)
- Final MET rate
- Final SM rate

FINAL SM RATE	10	34	34	34	36	37	37	37	37	38	38	38	38	38	38	38	38	31	
GDP RATES	0	34	34	34	36	37	37	37	-	-	-	-	-	-	-	-	-	-	

# MELBOURNE - YMML GDP-A 2000-0500

Monday 06 May 2024

## ATFM-CDM Notes

**METCDM Notes:**

[1] 2000-0059: A weak pressure gradient over the area is expected to aid in weak eddy development in the TMA. However, there is uncertainty in positioning and formation of the eddy in the TMA and multiple possible scenarios may eventuate depending on the location of the eddy. First scenario is for a weak eddy developing over the SSE part of the airport and directing light W to SW winds over the airport with fog and low cloud developing over or just to the E and SE of the TMA. The second scenario is for an eddy positioned over E part of the TMA directing light S to SE winds and circulating 0500-1500ft cloud towards the airport with cloud lowering to ground over elevated areas. The third scenario is for the eddy to not develop in the TMA and light S'y winds in the TMA with fog and low cloud over elevated areas to the east and north of the airport. In all the three scenario's there is risk of fog or low cloud advecting over the airport or on the approach path thus, IMCB rate and x-factors indicated. Operations on RWY 16 proposed given the uncertainty with wind direction early morning.

[2] 2300-1359: Fog and low cloud lifting and clearing in the TMA with surface winds tending S to SSE then S to SSW during the evening. Patchy cloud above 3000ft. Higher rates are possible during the afternoon with RWY 16/27 configurations and slight (< 3knot) tailwind on RWY 27.

**NCC DLM Notes:**

[Nil DLM Notes]

**SM Notes:**

[Nil SMTM Notes]

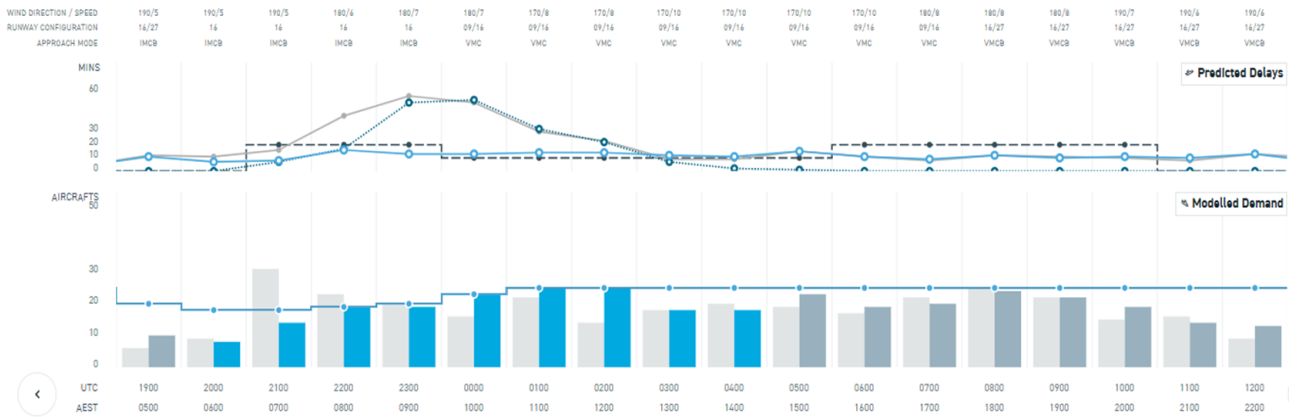
### GDP Notes

Morning fog and low cloud expected in the TMA.

#### Tabulated Data

Time (Hour UTC)	052000	052100	052200	052300	060000	060100	060200	060300	060400	060500	060600	060700	060800	060900	061000	061100	061200	061300	
Runway Mode	16 IMCB	16 IMCB	16 IMCB	16 IMCB	09/16 VMC	09/16 VMC	09/16 VMC	09/16 VMC	09/16 VMC	09/16 VMC	09/16 VMC	09/16 VMC	16/27 VMCB	16/27 VMCB	16/27 VMCB	16/27 VMCB	16/27 VMCB	16/27 VMCB	
Rate	18	18	19	20	23	25	25	25	25	25	25	25	25	25	25	25	25	25	
<b>Segmentation and Notes</b>																			
METCDM Notes	1	1	1	1&2	1&2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Segmentation	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	

#### Bar Graph



**Legend**

- ERSA airborne delay threshold
- ..... Final CDM rate
- Ground delay (average)
- ..... Initial airborne delay (90th PCTL)
- ..... Latest airborne delay (90th PCTL)
- ◆— Final MET rate
- ★— Final SM rate
- Current demand
- Modelled demand (no GDP)
- Modelled demand (GDP)

FINAL SM RATE	20	18	18	19	20	23	25	25	25	25	25	25	25	25	25	25	25	25
GDP RATES	-	18	18	19	20	23	25	25	25	25	-	-	-	-	-	-	-	-

# BRISBANE - Nil GDP

# Monday 06 May 2024

## ATFM-CDM Notes

**METCDM Notes:**

[1] 2000-1259: S'y flow over the area with showers mostly offshore possibly moving inland early afternoon then contracting offshore during the evening. Given showers are offshore and isolated on approach path VMC rates have been indicated however, there is a slight risk that showers may move slightly closer and impact approaches during the afternoon. Cloud mostly offshore and above 2500ft developing inland during the afternoon and lowering to 2000ft in areas of showers. Fog is expected over SW part of the TMA and has a low chance of advecting over the airport early morning thus, x-factor applied before 22Z. Light to moderate S to SSW winds becoming S to SSE during the afternoon and SSW during the evening.

**NCC DLM Notes:**

[Nil DLM Notes]

**SM Notes:**

[Nil SMTM Notes]

## GDP Notes

Morning fog likely in the SW TMA, otherwise no significant risks identified.

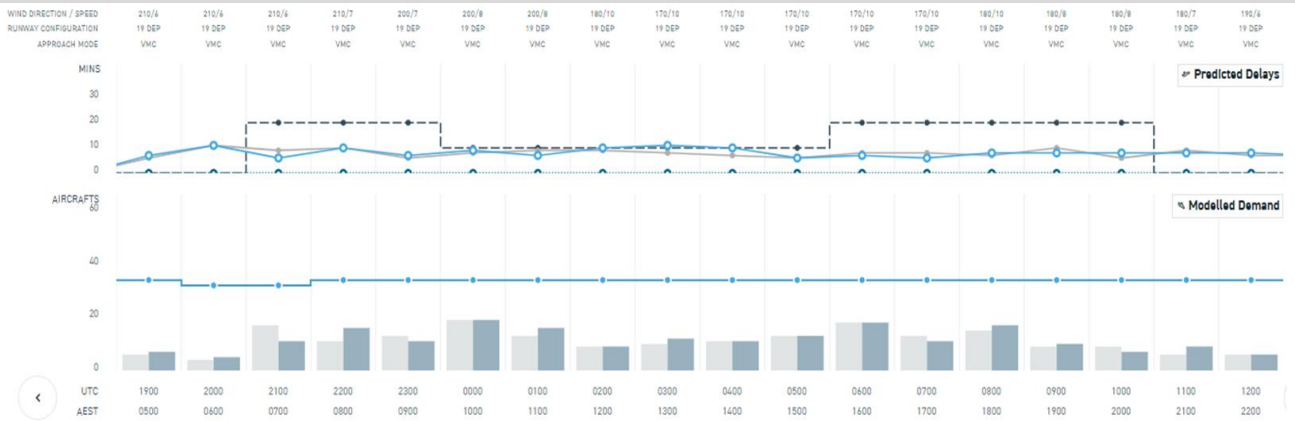
## Tabulated Data

Time (Hour UTC)	052000	052100	052200	052300	060000	060100	060200	060300	060400	060500	060600	060700	060800	060900	061000	061100	061200		
Runway Mode	19 VMC	19 VMC	19 VMC	19 VMC	19 VMC	19 VMC	19 VMC	19 VMC	19 VMC	19 VMC	19 VMC	19 VMC	19 VMC	19 VMC	19 VMC	19 VMC	19 VMC	19 VMC	
Rate	32	32	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	

## Segmentation and Notes

METCDM Notes	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
Segmentation	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	

## Bar Graph



**Legend**

- ERSa airborne delay threshold
- Ground delay (average)
- Initial airborne delay (90th PCTL)
- Latest airborne delay (90th PCTL)
- Final MET rate
- Final SM rate
- Final CDM rate
- Current demand
- Modelled demand (no GDP)
- Modelled demand (GDP)

FINAL SM RATE	34	32	32	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	
GDP RATES	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**ATFM-CDM Notes**

**METCDM Notes:**

[1] 2200-0059: A slow moving cut-off low to the far south of the TMA is anticipated to circulate near surface moisture in the lower levels. Clear sky overnight and light winds at the surface are expected to aid in fog development in the TMA. Fog is expected to be shallow at and around the airport increasing in depth over the southern part of the TMA thus, IMCB rate with x-factor indicated. Fog and low cloud lifting and clearing during the morning. Surface winds are expected to be light and variable as the synoptic SSE to SSW winds are balanced by katabatic NE at the surface.

[2] 0000-1359: Patchy cloud above 3000ft. Light to moderate S to SW winds becoming SE during the evening.

**NCC DLM Notes:**

[Nil DLM Notes]

**SM Notes:**

[Nil SMTM Notes]

**GDP Notes**

Morning fog and low cloud expected in the TMA.

**Tabulated Data**

Time (Hour UTC)	52100	052200	052300	060000	060100	060200	060300	060400	060500	060600	060700	060800	060900	061000	061100	061200	061300		
<b>Runway Mode</b>		21 IMCB	21 IMCB	21 VMC	21/24 VMC	21/24 VMC	21/24 VMC	21/24 VMC	21/24 VMC	21/24 VMC	21/24 VMC	21/24 VMC	21/24 VMC	21/24 VMC	21/24 VMC	21/24 VMC	21/24 VMC	21 VMC	
<b>Rate-Arrs</b>		18	20	22	26	26	26	26	26	26	26	26	26	26	26	26	26	24	
<b>Rate-Depts</b>	40	40	40	40															
<b>Segmentation and Notes</b>																			
<b>METCDM Notes</b>		1	1	1&2	2	2	2	2	2	2	2	2	2	2	2	2	2		
<b>Segmentation</b>		1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2		

**Bar Graph**

