

ATFM Daily Plan - Wednesday 22 May 2024

ADP Version 1



Airport	Planned GDPs	Total Arr/Dep	Affected Flights	Total Ground Delay	Av. Ground Delay	36 Hr Synoptic Forecast
YSSY	NONE	853	n/a	0	0.00	
YMML	YMML GDP-A 2000-0300	651	92	1,378	15.00	
YBBN	NONE	617	n/a	0	0.00	
YPPH-A	YPPH GDP-A 0030-0600	615	99	808	8.00	
YPPH-D	YPPH GDP-D 2130-0030		113	1,179	10.40	
Totals		2736	304	3,365	5.37	

* denotes a revision has taken place

ATFM Daily Plan Summary Notes

YSSY	Nil significant network risks identified at this time
YMML	Risk of fog in the TMA in the morning peak leading to a heavily compacted GDP. Through the evening period low cloud and showers are expected.
YBBN	ILS runway 19R unavailable as per NOTAM. No further network risks identified at this time.
YPPH	Nil significant network risks identified at this time
Other Significant	Refer NOTAM for latest estimated airborne traffic delay advice.
Change Summary:	[06:56pm] Version 1: Initial.

Teleconference Details
 1800 062 923
 Participant Code 7207 9651
 Guest Code 3064#

 NCC: 1800 020 626
atfmu@airservicesaustralia.com

CAP THREAT: 222130 - 222345

PRM: NOT REQ

YMEN SLOT SCHEME: YES: 2300-0600

Issues expected to impact service delivery

Location	Issue/NOTAM Details
YSSY	C1631/24 RWY 07/25 CLSD EXC WITH 40MIN PN FM 05 191000 TO 05 231300 DAILY 1000-1300
YSSY	C1585/24 RWY 07/25 CLOSED DUE WIP FM 05 192100 TO 05 240700 DAILY 2100-0700
YMML	C546/24 RWY 09/27 CLSD DUE WIP 05 220000 TO 05 220600

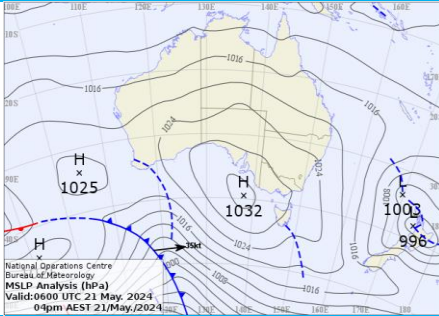
Network Weather Overview

From now to +72 hours

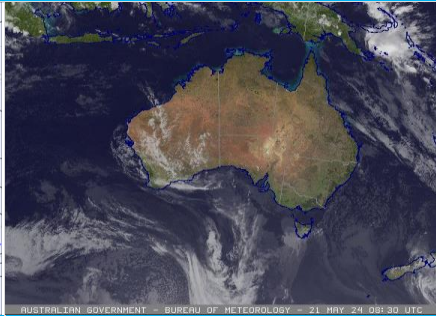
Wednesday 22 May 2024

Weather Overview

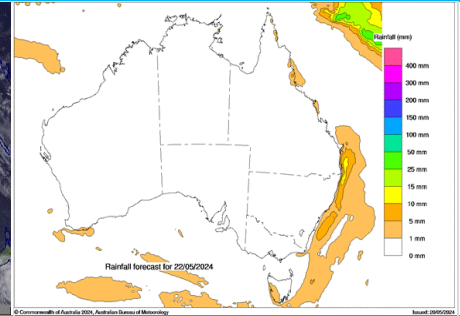
Mean Sea Level Pressure



Satellite Picture



Rainfall Outlook for tomorrow



Weather impact risk assessment Major Airports

	Brisbane	Melbourne	Perth	Sydney
AM Wednesday	Mostly CAVOK, a little cloud 2000-3000ft. Showers offshore. Light SW winds turning moderate S late morning. S to SE winds 25 to 30 knots aloft.	Cloud 1000-2000ft and possible drizzle, lifting to 2000-2500ft during the morning. Light WNW winds turning SW late morning.	CAVOK. Light E to NE winds.	CAVOK. Light showers offshore. Light to moderate SW winds.
PM Wednesday	Cloud 3500-5000ft. Light showers offshore and inland. Moderate S to SE winds.	2500-3500ft cloud lowering to 1000-2000ft late evening with possible drizzle. Light SW winds turning NW late evening.	CAVOK. Light NE winds turning SSW then SE in the evening.	Light showers offshore, likely CAVOK at the airport. Moderate S winds turning light SW late evening.
AM Thursday	CAVOK. Light S to SW winds. S to SE winds 15 to 25 knots aloft.	Cloud 1000-2000ft lifting to 2500-3000ft during the morning. Fog and low cloud N and E TMA. Light W to NW winds turning SW late morning.	CAVOK. Light to moderate E to NE winds.	CAVOK at airport. Patchy early shallow fog inland. Cloud 2500-3000ft and light showers offshore. Light NW winds.
PM Thursday	CAVOK. Showers well offshore. Light to moderate SE winds, light SW late evening.	Patchy cloud 2500-3500ft. Slight chance of an evening shower. Light S to SW winds turning NW late evening.	CAVOK. Light N to NE winds turning E in the evening.	Patchy 3000ft cloud. Light E to SE winds turning NW in the evening. Chance of an afternoon NE sea breeze.
AM Friday	Cloud 2000-2500ft. Showers offshore. Light SSW land breeze, tending S late morning.	Cloud 2000-3000ft. Possible showers over the Bay. Light N to NW winds, turning SW then S late morning.	CAVOK. Light to moderate NE wind, tending N late morning.	Possible 2000ft cloud. Light W to NW katabatic wind. Possible showers over sea in E TMA, with 1500ft cloud.
PM Friday	Light showers during afternoon. Cloud 2500-3000ft. Light to moderate SE wind.	Cloud 2500-3500ft, lowering to 2000ft in evening. Possible shallow fog late evening in N TMA. Light S winds.	CAVOK in afternoon. Possible showers and 1500-2000ft reaching W TMA in evening. Light to moderate N to NW winds.	Patchy 2500-3000ft cloud. Light E to SE wind. Chance of afternoon NE sea breeze. Showers well offshore in E TMA.

Significant other phenomena potentially affecting Australian FIRs

Volcanic Ash (VA) ≥ FL200	For the latest advisories refer to http://www.bom.gov.au/aviation/volcanic-ash/darwin-va-advisory.shtml
Space Weather	For the latest advisories refer to http://www.bom.gov.au/aviation/space-weather-advisories/
Tropical Cyclones	Nil current. For the latest information refer to http://www.bom.gov.au/cyclone/

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

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

SYDNEY - Nil GDP

Wednesday 22 May 2024

ATFM-CDM Notes

METCDM Notes:

[1] 2000-1259: Dry southerly flow on Wednesday with a high pressure system to the west. Southerly winds 15-20kt aloft in the early morning, so RWY 16 is planned despite surface winds likely favouring RWY 34 (varying 260-290°). Moderate S winds during the day. Light passing showers offshore but no impact expected at the aerodrome. Mostly CAVOK across the day; a little cloud above 3000ft at times but again no impact on operations so IVA rates planned.

NCC DLM Notes:

[Nil DLM Notes]

SM Notes:

[Nil SMTM Notes]

GDP Notes

Nil significant network risks identified at this time

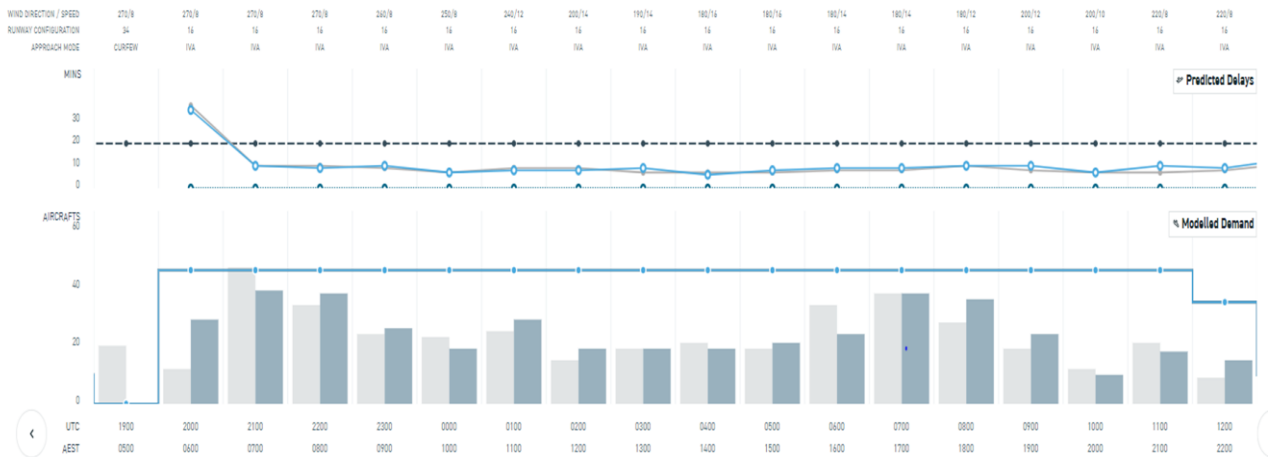
Tabulated Data

Time (Hour UTC)	212000	212100	212200	212300	220000	220100	220200	220300	220400	220500	220600	220700	220800	220900	221000	221100	221200	0
Runway Mode	34 IVA	34 IVA	34 IVA	34 IVA	34 IVA	34 IVA	16 IVA	16 IVA	16 IVA	16 IVA	16 IVA	16 IVA	16 IVA	16 IVA	16 IVA	16 IVA	16 IVA	0
Rate	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	35	0

Segmentation and Notes

METCDM Notes	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	0

Bar Graph



Legend

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

MELBOURNE - YMML GDP-A 2000-0300

Wednesday 22 May 2024

ATFM-CDM Notes

METCDM Notes:

[1] 2000-2359: A broad high over the SE of the continent maintains S flow at the aerodrome on Wednesday. Drizzle, low cloud and fog expected within the TMA, most likely over the ranges and to the east. 1000-2000ft cloud at the airport. Although some guidance is indicating very low cloud will affect the airport, the low-level airstream is expected to be weaker and drier than previous mornings. Low chance of LVPs. A WNW surface katabatic is likely with wind just above the surface likely tending SW. Given the uncertainty in the cloud, an IMCB approach is proposed. The expected cloud precludes LAHSO operations.
 [2] 0000-0659: SW'ly winds turning S'ly. An IMCA approach suggested with risk of 1000-2000ft cloud persisting at the airport until late morning. Cloud lifting to 2500-3500ft in afternoon.
 [3] 0000-0559: RWY 09/27 closed due WIP. See NOTAM C546/24.
 [4] 0700-1359: Light S to SW winds, possibly tending light and variable after sunset. Drizzly showers and 1500ft cloud returning after sunset and lowering in the early evening. Rates gradually drop to IMCB in the late evening with increasing risk of cloud 800-1000ft in showers.

NCC DLM Notes:
 [Nil DLM Notes]

SM Notes:
 [Nil SMTM Notes]

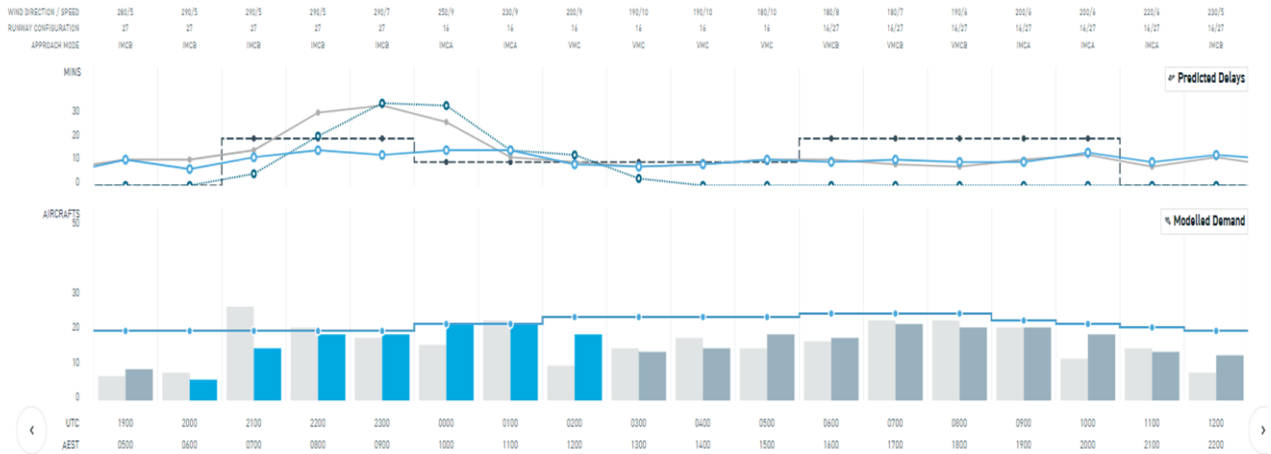
GDP Notes

Risk of fog in the TMA in the morning peak leading to a heavily compacted GDP. Through the evening period low cloud and showers are expected.

Tabulated Data

Time (Hour UTC)	212000	212100	212200	212300	220000	220100	220200	220300	220400	220500	220600	220700	220800	220900	221000	221100	221200	221300	
Runway Mode	27 IMCB	27 IMCB	27 IMCB	27 IMCB	27 IMCB	27 IMCB	16/27 IMCA	16/27 IMCA	16/27 IMCA	16/27 IMCA	16/27 IMCA	16/27 IMCA	16/27 IMCA	16/27 IMCB	16/27 IMCB	16/27 IMCB			
Rate	20	20	20	20	22	22	24	24	24	24	25	25	25	23	22	21	20	20	
Segmentation and Notes																			
METCDM Notes	1	1	1	1	2&3	2&3	2&3	2&3	2&3	2&3	2	4	4	4	4	4	4	4	
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
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- Modelled demand (no GDP)
- Latest airborne delay (90th PCTL)
- Modelled demand (GDP)
- Final MET rate
- Final SM rate

BRISBANE - Nil GDP

Wednesday 22 May 2024

ATFM-CDM Notes

METCDM Notes:

[1] 2000-1259: No change to forecast. Dry southerly flow on Wednesday with a ridge of high pressure to the south. Showers offshore; one or two developing over land in the middle of the day but unlikely to impact the aerodrome. Mostly CAVOK at first (maybe a little cloud around 2000ft), with some cloud developing 2500-3000ft during the day. Light SSW winds turning moderate SE during the day. Winds favouring RWY 19 generally, with some periods of 100-110 at times in the afternoon. 25-30kt SE winds aloft in the morning (x-factor applied for strong headwinds), easing to 15kt in the afternoon.

NCC DLM Notes:

[Nil DLM Notes]

SM Notes:

[1] 2300-0559: RWY 19R ILS Maintenance (NOTAM 0572/24) (XFactor Reason: Airport Infrastructure)

GDP Notes

ILS runway 19R unavailable as per NOTAM. No further network risks identified at this time.

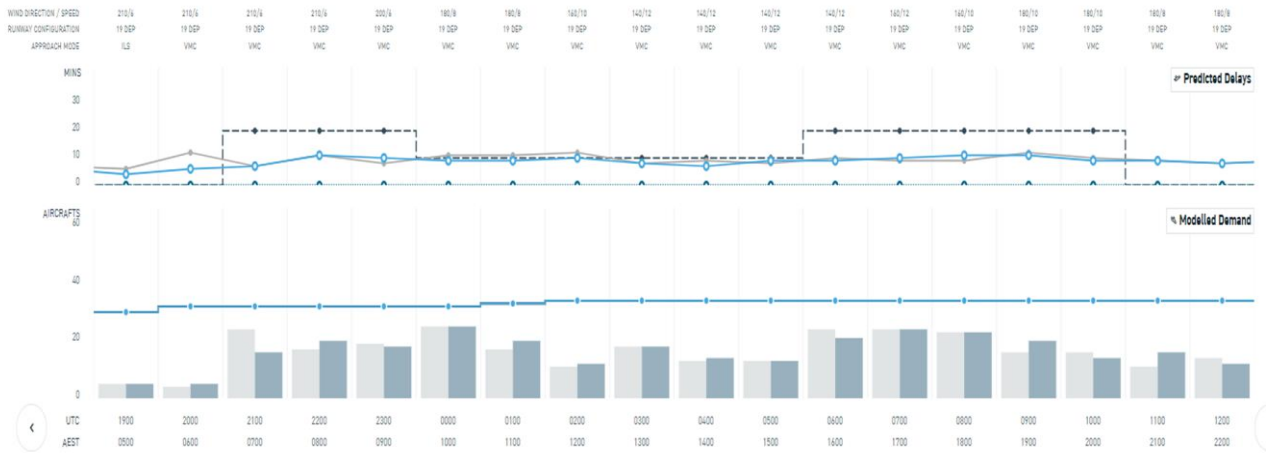
Tabulated Data

Time (Hour UTC)	212000	212100	212200	212300	220000	220100	220200	220300	220400	220500	220600	220700	220800	220900	221000	221100	221200
Runway Mode	19 ILS	19 ILS	19 ILS	19 ILS	19 ILS	19 ILS	19 VMC	19 VMC	19 VMC	19 VMC	19 VMC	19 VMC	19 VMC	19 VMC	19 VMC	19 VMC	
Rate	32	32	32	28	28	28	28	28	28	28	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	0
Segmentation	1	1	1	1	1	1	1	1	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)

ATFM-CDM Notes

METCDM Notes:

[1] 2200-1359: CAVOK on Wednesday under weak easterly flow. Light E to NE winds in the morning, tending lighter and more variable in the early afternoon - generally N to NW. A weak southwest seabreeze is forecast in the mid/late afternoon.

NCC DLM Notes:

[Nil DLM Notes]

SM Notes:

[1] 0700-0859: Enroute staffing

GDP Notes

Nil significant network risks identified at this time

Tabulated Data

Time (Hour UTC)	212100	212200	212300	220000	220100	220200	220300	220400	220500	220600	220700	220800	220900	221000	221100	221200	221300
Runway Mode		03/06 VMC	03/06 VMC	03/06 VMC	03/06 VMC	03/06 VMC	03/06 VMC	03 VMC	03 VMC	03 VMC	03 VMC	03 VMC	21/24 VMC	21/24 VMC	21/24 VMC		
Rate-Arrs		24	24	24	24	24	24	24	24	24	24	24	26	26	26	26	26
Rate-Depts	40	40	40	40													

Segmentation and Notes

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

Bar Graph

