



Airport	Planned GDPs	Total Arr/Dep	Affected Flights	Total Ground Delay	Av. Ground Delay	36 Hr Synoptic Forecast
YSSY	YSSY GDP-A 2000-0100	665	79	1,359	17.00	
YMLL	NONE	527	n/a	0	0.00	
YBBN	NONE	378	n/a	0	0.00	
YPPH-A	NONE	220	n/a	0	0.00	
YPPH-D	NONE		n/a	0	0.00	
Totals		1790	79	1,359	6.32	

* denotes a revision has taken place

ATFM Daily Plan Summary Notes

YSSY	Early staffing restrictions with strong winds and heavy showers, isolated thunderstorms possible.		
YMML	Nil significant operational risks identified at this stage.		
YBBN	Thunderstorms likely in the TMA and showers expected at the airport from the evening.		
YPPH			
Other Significant	Refer NOTAM for latest estimated airborne traffic delay advice.		
Change Summary:	[07:26pm] Version 1: Initial.		
<p>Teleconference Details</p> <p>1800 062 923</p> <p>Participant Code 7207 9651</p> <p>Guest Code 3064#</p> <p>NCC: 1800 020 626</p> <p>atfmu@airservicesaustralia.com</p>		CAP THREAT: NIL	PRM: NOT REQ
		YMEN SLOT SCHEME: NO	

Issues expected to impact service delivery

[illegible]

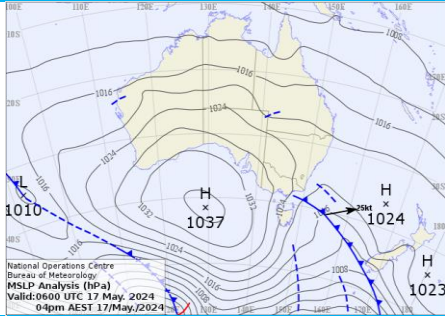
Network Weather Overview

From now to +72 hours

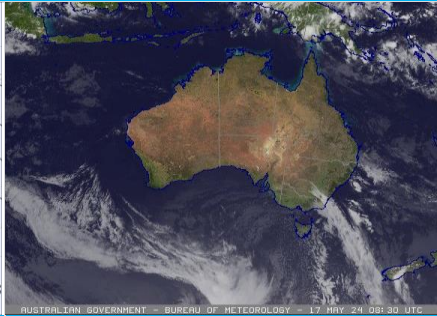
Saturday 18 May 2024

Weather Overview

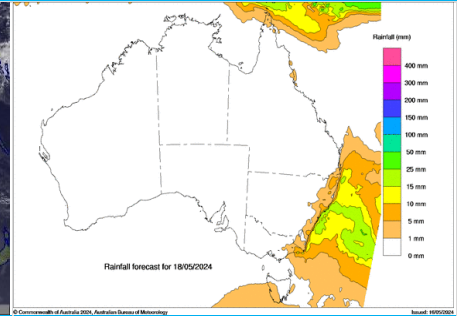
Mean Sea Level Pressure



Satellite Picture



Rainfall Outlook for tomorrow



Weather impact risk assessment Major Airports

	Brisbane	Melbourne	Perth	Sydney
AM Saturday	Showers and the chance of a thunderstorm offshore. Fog patches inland. Cloud 2000-3000ft. Light SW to S winds.	Cloud 4000-5000ft. Lower cloud and drizzle N TMA. Light to moderate S to SE winds.	CAVOK. Moderate to fresh and gusty E to NE winds. NE winds 30-40 knots aloft. Possible turbulence or wind shear.	Showers developing. Chance of a thunderstorm offshore. Cloud 3000-4000ft. Fresh and gusty SSW winds. S'ly winds aloft 30-35 knots. Strong headwinds, chance crosswinds.
PM Saturday	Showers. Chance of thunderstorms offshore and S TMA in the evening. Cloud 3000-4000ft. Light to moderate S to SE winds, NE sea breeze.	Cloud 4000-5000ft. Light to moderate S to SE winds, turning light W to SW afternoon and evening.	CAVOK. Light to moderate E to NE winds. NE winds 15-25 knots aloft.	Showers. Chance of a thunderstorm in the TMA. Cloud 2000-3000ft. Fresh and gusty SSW winds, easing late evening. S'ly winds aloft 30-40 knots. Strong headwinds, chance crosswinds.
AM Sunday	Possible light showers and cloud above 2500ft offshore. Light to moderate S to SW winds.	Showers and drizzle expected in TMA. Cloud 2000-4000ft lower in showers. Light to moderate W to SW winds. 20-25 knots SW winds aloft.	CAVOK. Moderate E to NE winds, gusty at times during the morning. NE winds 25-35 knots aloft. Possible turbulence or wind shear.	Passing showers mostly near the coastline and offshore areas. Cloud above 2500ft lower in showers. Moderate and gusty S to SSE increasing. 25-35 knots S'ly winds aloft. Strong headwind on RWY 16 approach expected.
PM Sunday	CAVOK at the airport with possible light showers and cloud above 2500ft in far E TMA. Light to moderate S to SSW winds.	Showers and drizzle. Cloud 2000-3000ft lowering 1000-2000ft during the evening. Light to moderate SW winds aloft.	CAVOK. Light to moderate E to NE winds.	Showers and cloud above 2500ft easing/contracting offshore. Gusty S to SSW winds easing. 25-35 knots S'ly winds aloft. Strong wind on RWY 16 approach expected.
AM Monday	Likely CAVOK, chance of fog in far SW part of TMA. Light S to SSW winds.	Showers. Cloud 0800-2000ft lower in showers. Light to moderate W to SW winds.	CAVOK. Light to moderate NE winds. 20-30 knots NE winds aloft, risk of strong headwind on RWY 03 approach.	Passing showers and cloud 3000-5000ft developing. Light to moderate W to WNW winds becoming S to SW 20-30 knots SW winds aloft. Risk of morning wind shear and strong headwind.
PM Monday	Likely CAVOK. Light to moderate S to SE winds, possibly becoming ESE during the afternoon.	Showers and drizzle. Cloud 1000-2000ft lifting. Light to moderate S to SW winds.	CAVOK. Moderate N to NE winds.	Passing showers. Cloud 2500-5000ft. Moderate SW winds gusty at times. 20-30 knots S'ly winds aloft. Risk of strong headwind.

Significant other phenomena potentially affecting Australian FIRs

Volcanic Ash (VA) ≥ FL200	IBU (Indonesia) aviation colour code is RED. 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 - YSSY GDP-A 2000-0100

Saturday 18 May 2024

ATFM-CDM Notes

METCDM Notes:

[1] 2000-0059: A low pressure system lies over the Tasman Sea to the NE of the TMA. This is directing a strong S'ly flow over the airport. Heavy showers and isolated thunderstorms offshore. Cloud 3000-4000ft. Fresh to strong and gusty S'ly winds, possibly fluctuating SSW to SSE. S'ly winds aloft 30 to 35 knots. X-factor added for strong headwinds increasing. There is also the potential for crosswind on both runways throughout the day if winds tend more SW.

[2] 0100-1259: Heavy showers moving up from the south and the chance of very isolated thunderstorms with them. X-factor added for showers and headwinds increasing. Cloud 2000-3000ft, lower in showers. Showers likely easing to moderate during the evening. Fresh to strong and gusty S'ly winds, possibly fluctuating SSW to SSE. S'ly winds aloft 30 to 40 knots. Strong and variable gusts likely in showers through the afternoon with the risk of crosswind on both runways at times.

NCC DLM Notes:

[Nil DLM Notes]

SM Notes:

[1] 2000-2359: Staffing (XFactor Reason: Staffing)

GDP Notes

Early staffing restrictions with strong winds and heavy showers, isolated thunderstorms possible.

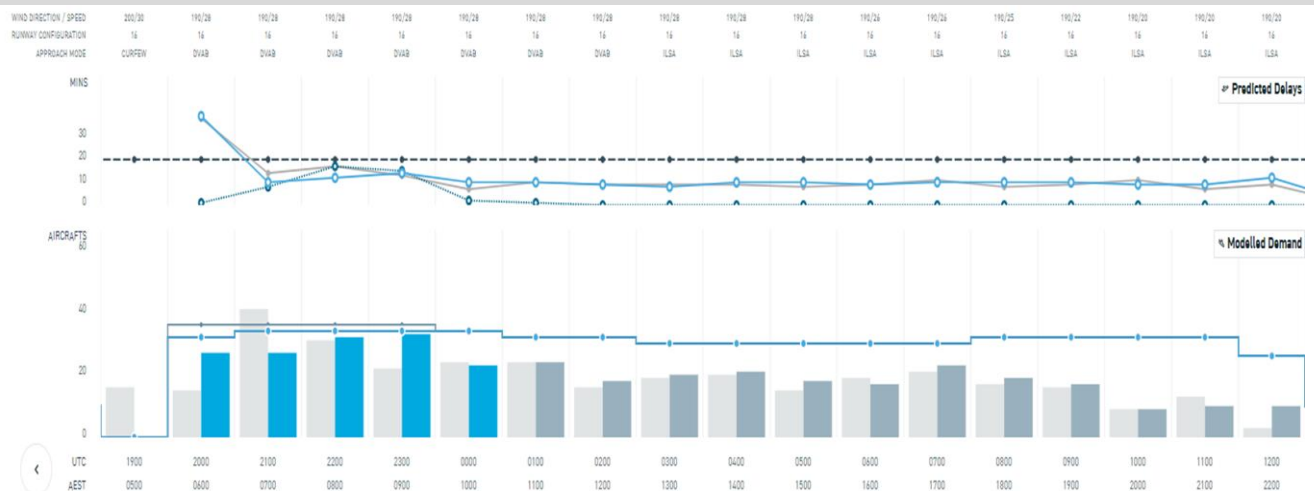
Tabulated Data

Time (Hour UTC)	172000	172100	172200	172300	180000	180100	180200	180300	180400	180500	180600	180700	180800	180900	181000	181100	181200	0
Runway Mode	16 DVAB	16 DVAB	16 DVAB	16 DVAB	16 DVAB	16 DVAB	16 DVAB	16 ILSA	16 ILSA	16 ILSA	16 ILSA	16 ILSA	16 ILSA	16 ILSA	16 ILSA	16 ILSA	16 ILSA	
Rate	32	34	34	34	34	32	32	30	30	30	30	30	32	32	32	32	26	

Segmentation and Notes

METCDM Notes	1	1	1	1	1	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	

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)

MELBOURNE - Nil GDP

Saturday 18 May 2024

ATFM-CDM Notes

METCDM Notes:

[1] 2000-1359: A ridge of high pressure lies to the south with the high pressure system centred over the Bight. Light S to SE winds tending S to SW in the afternoon and evening. Winds turning W'ly late evening. Cloud 4000-5000ft. Chance of some drizzle and lower cloud in the N TMA in the morning.

NCC DLM Notes:

[Nil DLM Notes]

SM Notes:

[Nil SMTM Notes]

GDP Notes

Nil significant operational risks identified at this stage.

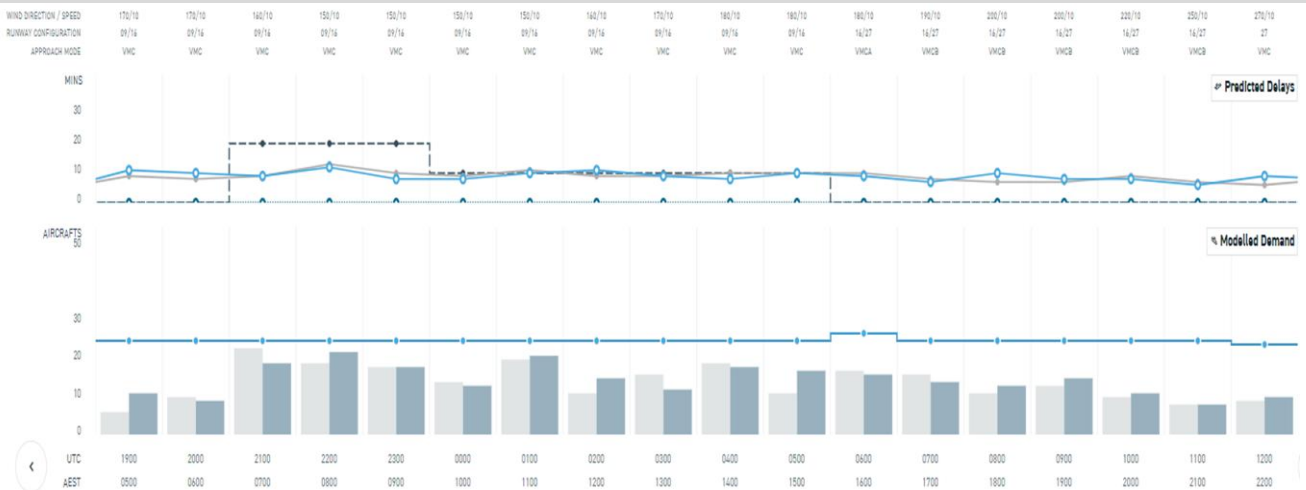
Tabulated Data

Time (Hour UTC)	172000	172100	172200	172300	180000	180100	180200	180300	180400	180500	180600	180700	180800	180900	181000	181100	181200	181300
Runway Mode	09/16 VMC	09/16 VMC	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 VMCA	16/27 VMCB	16/27 VMCB	16/27 VMCB	16/27 VMCB	16/27 VMCB	27 VMC	27 VMC
Rate	25	25	25	25	25	25	25	25	25	25	27	25	25	25	25	25	24	24

Segmentation and Notes

METCDM Notes	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
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)

BRISBANE - Nil GDP

Saturday 18 May 2024

ATFM-CDM Notes

METCDM Notes:

[1] 2000-0559: A trough over the area is connected to a low in the Tasman. An upper trough is set to pass over the TMA during the day. Showers offshore with the chance of a thunderstorm. Light SW winds turning SE then NE with the sea breeze. Cloud 2000-3000ft, mostly offshore. Shallow fog patches inland, low chance at the airport.

[2] 0600-1259: Showers moving over the TMA from the S and SE during the afternoon with a trough. Thunderstorms likely in the S TMA from 07Z but not likely to reach the airport. Showers expected at the airport during the evening through. X-factor added for uncertainty in timing of the weather. Cloud 3000-4000ft, 2000ft in showers. Light NE winds tending S to SW evening. There is a chance that winds remain SE through the afternoon, favouring RWY 19 all day.

NCC DLM Notes:

[Nil DLM Notes]

SM Notes:

[1] 0400-1259: TCU staffing (XFactor Reason: Staffing)

GDP Notes

Thunderstorms likely in the TMA and showers expected at the airport from the evening.

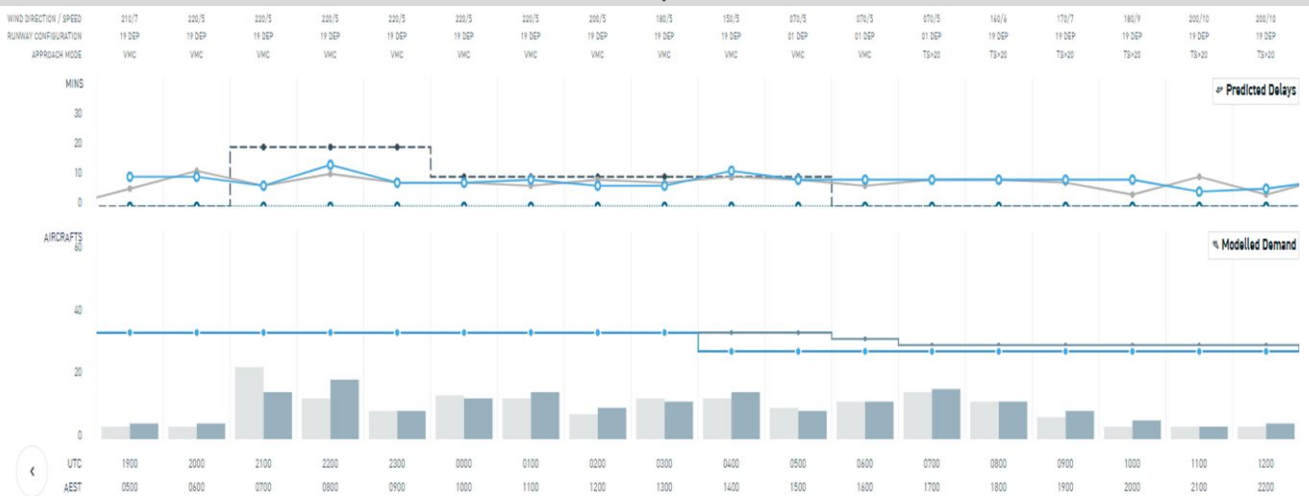
Tabulated Data

Time (Hour UTC)	172000	172100	172200	172300	180000	180100	180200	180300	180400	180500	180600	180700	180800	180900	181000	181100	181200	
Runway Mode	19 VMC	19 VMC	19 VMC	19 VMC	19 VMC	19 VMC	19 VMC	19 VMC	19 VMC	01 VMC	01 VMC	01 TS>20	19 TS>20	19 TS>20	19 TS>20	19 TS>20	19 TS>20	
Rate	34	34	34	34	34	34	34	34	28	28	28	28	28	28	28	28	28	

Segmentation and Notes

METCDM Notes	1	1	1	1	1	1	1	1	1	1	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	

Bar Graph



Legend

- ERSA airborne delay threshold
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- Final MET rate
- Final SM rate
- Final CDM rate
- Current demand
- Modelled demand (no GDP)
- Modelled demand (GDP)