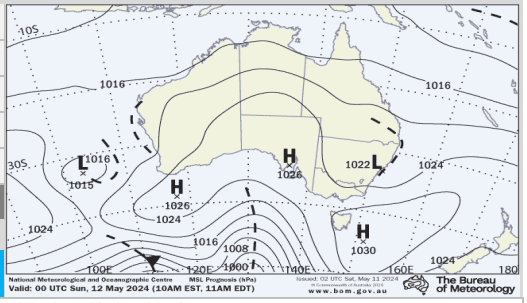
ATFM Daily Plan - Sunday 12 May 2024

ADP Version 1

Airport	Planned GDPs	Total Arr/Dep	Affected Flights	Total Ground Delay	Av. Ground Delay
YSSY	NONE	792	n/a	0	0.00
YMML	NONE	626	n/a	0	0.00
YBBN	NONE	488	n/a	0	0.00
YPPH-A	NONE	223	n/a	0	0.00
YPPH-D	NONE		n/a	0	0.00
Totals		2129	0	0	0.00

* denotes a revision has taken place

36 Hr Synoptic Forecast



ATFM Daily Plan Summary Notes

YSSY	Risk of showers of rain with associated reductions of visibility during the morning. Nil other significant network risks identified at this time.
YMML	Risk of fog in early morning. Nil other significant network risks identified at this time.
YBBN	Risk of fog and low cloud in morning, with potential thunderstorms in the evening.
YPPH	
Other Significant	Refer NOTAM for latest estimated airborne traffic delay advice.
Change Summary:	[06:50pm] Version 1: Initial.

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

NCC: 1800 020 626
atfmu@airservicesaustralia.com

CAP THREAT: 120730 - 120929

PRM: NOT REQ

YMEN SLOT SCHEME: NO

Issues expected to impact service delivery

Location	Issue/NOTAM Details
YSSY	C1453/24 RWY 0725 CLSD DUE WIP FM 05 121000 TO 05 161300 DAILY 1000-1300
YSSY	C1558/24 RWY 07/25 CLSD DUE WIP FM 05 122100 TO 05 170700 DAILY 2100-0700

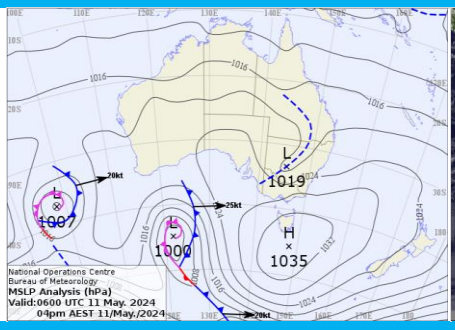
Network Weather Overview

From now to +72 hours

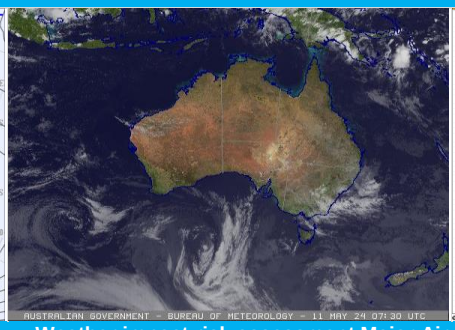
Sunday 12 May 2024

Weather Overview

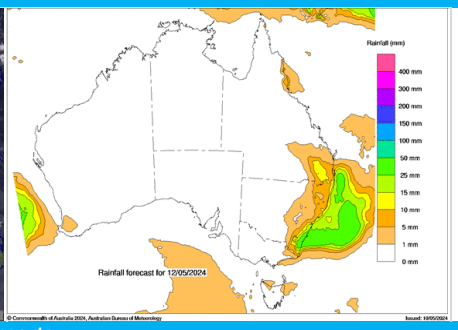
Mean Sea Level Pressure



Satellite Picture



Rainfall Outlook for tomorrow



Weather impact risk assessment Major Airports

	Brisbane	Melbourne	Perth	Sydney
AM Sunday	Fog patches W TMA. Showers offshore, moving inland. Chance of storms offshore. Cloud 2000-3000ft lower in showers. Light SSW winds possibly variable at times becoming N to NE around midday.	Fog and low cloud in TMA, chance advecting over the airport. Fog and low cloud clearing. Light W to NW winds tending SW to WSW late morning.	CAVOK. Light to moderate E'ly winds.	Showers. Chance of thunderstorms offshore. Cloud 1000-3000ft. Light and variable winds, most likely S to SW.
PM Sunday	Showers and the chance of a storm. Cloud 2000-3500ft lower in showers. Light NW to NE winds.	Likely CAVOK at the airport. Slight chance of high based showers in far N TMA during the evening. Light generally S'ly winds, tending W to NW in the evening.	CAVOK. Possible high-based showers and storms W and S TMA. Light E'ly winds tending S to SW late afternoon, then S to SE in the evening.	Showers. Chance of storms in TMA. Cloud 1500-3000ft lower in showers and possibly lowering to 1000ft during the evening. Light to moderate S'ly winds, tending SW in the evening.
AM Monday	Early fog inland, slight chance at the airport. Light SSW winds.	Slight chance early fog, becoming CAVOK late morning. Light N to NW winds, tending W to SW late morning.	CAVOK. Moderate E winds. Winds aloft NE 25-30 knots, easing.	Showers. Cloud 1500-2500ft lower in showers. Moderate S to SW winds becoming gusty. 20-30 knots S'ly winds aloft. Head winds.
PM Monday	CAVOK. Light W to SW winds.	Light showers developing. Cloud 2500-3000ft developing in the afternoon. Light to moderate S to SW winds.	CAVOK. Light to moderate ESE to ENE winds.	Showers easing. Cloud 2000-3000ft, becoming CAVOK by evening. Moderate SSW'ly winds, gusty at times, easing.
AM Tuesday	Early fog inland. Patchy cloud 3000-4000ft. Light SSW winds tending SE from mid-morning.	Cloud 2500-3500ft, becoming patchy late morning. Light NW to SW winds.	Mostly CAVOK. Slight chance of a high-based shower. Moderate E winds.	Light showers offshore. Patchy cloud 2000-2500ft. Light W to NW winds, variable at times.
PM Tuesday	Likely CAVOK. Moderate SE winds.	Patchy cloud 3000-4000ft. Light S to SW winds, becoming variable in the evening.	Likely CAVOK. Light N to NW winds, shifting moderate SW during the afternoon.	Light showers developing in the evening. Mostly CAVOK, then cloud 2000-2500ft developing late evening. Late S to SE winds.

Significant other phenomena potentially affecting Australian FIRs

Volcanic Ash (VA) ≥ FL200	Nil current. For the latest information refer to http://www.bom.gov.au/aviation/volcanic-ash/darwin-va-advisory.shtml
Space Weather	Multiple Coronal Mass Ejections (CME) between Wednesday and Thursday were observed by the Bureau of Meteorology. An associated Geomagnetic Storm G5 – Extreme is currently occurring and is expected to continue throughout Saturday, 11 May 2024. Observed geomagnetic conditions within Australia are currently lower at Geomagnetic Storm G3 – Strong conditions. Potential impacts include degradation of Global Navigation Satellite System (GNSS) positioning accuracy and availability, severe degradation or unavailability of HF communications, and Ground-based Augmentation Systems (GBAS) may be compromised. The Bureau is forecasting similar risk of further related events, until 6:00pm AEST on Sunday, 12 May 2024. For 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

Sunday 12 May 2024

ATFM-CDM Notes

METCDM Notes:
[1] 2000-0559: A weak trough is expected to lie just of the coast early morning and slowly contract offshore during the day. Showers in the TMA with heavy showers and risk of storms offshore. Light S to SW winds becoming moderate during the morning. There is slight risk of winds varying W to NW during the early hours of the METCDM. Given S to SW flow over the area operations on RWY 16 has been indicated. Cloud 1500-2500ft lowering 0500-1500ft in showers. X-factor applied for risk of heavy showers and conditions lowering to lower ILS thresholds in showers. There is some uncertainty with weather over the airport and conditions are expected to be much better if the trough is located further offshore or if a low develops just outside the southern part of the TMA. In this scenario showers will be in southern and eastern part of the TMA with airport being in clear.
[2] 0400-1259: Showers easing, contracting offshore and to the far south of the TMA. Chance of afternoon thunderstorms inland, slight risk of storms offshore. Cloud 2000-3000ft lower in showers. Light to moderate S'ly winds tending SW during the evening and possibly becoming WSW to WNW by end of METCDM.

NCC DLM Notes:
[Nil DLM Notes]

SM Notes:
[Nil SMTM Notes]

GDP Notes

Risk of showers of rain with associated reductions of visibility during the morning. Nil other significant network risks identified at this time.

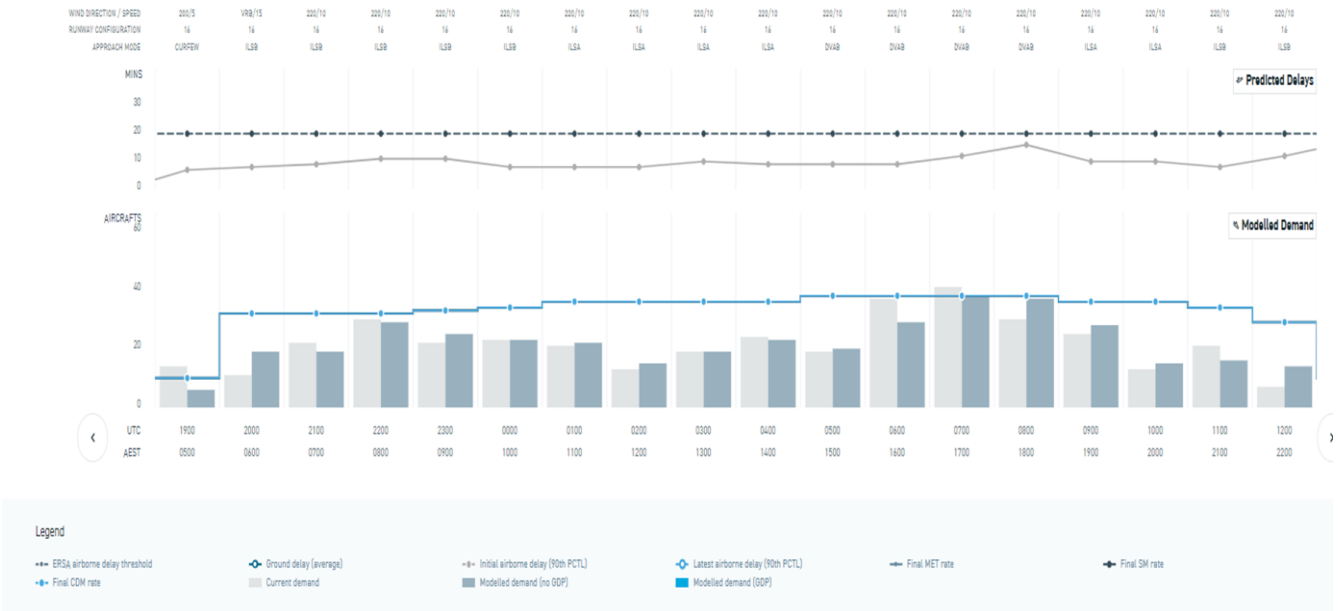
Tabulated Data

Time (Hour UTC)	112000	112100	112200	112300	120000	120100	120200	120300	120400	120500	120600	120700	120800	120900	121000	121100	121200	0
Runway Mode	16 ILSB	16 ILSB	16 ILSB	16 ILSB	16 ILSB	16 ILSA	16 ILSA	16 ILSA	16 ILSA	16 DVAB	16 DVAB	16 DVAB	16 DVAB	16 ILSA	16 ILSA	16 ILSB	16 ILSB	
Rate	32	32	32	33	34	36	36	36	36	38	38	38	38	36	36	34	29	

Segmentation and Notes

METCDM Notes	1	1	1	1	1	1	1	1	1&2	1&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



MELBOURNE - Nil GDP

Sunday 12 May 2024

ATFM-CDM Notes

METCDM Notes:
[1] 2000-2359: A weak eddy is expected to develop in the southern part of the TMA and direct W to NW winds over the area at the surface. Fog and low cloud expected in the TMA with chance of fog advecting over the airport thus, x-factor applied. Fog lifting and clearing in the TMA during the morning. Operations on RWY 16/27 indicated.
[2] 2300-1359: Surface winds tending through SW and becoming S'ly during the afternoon and W'ly during the evening, however, winds can become light and variable at times. Slight risk of high based showers in the far northern part of the TMA during the evening. Mist and haze developing during the evening thus, IMCA rate indicated.

NCC DLM Notes:
[Nil DLM Notes]

SM Notes:
[Nil SMTM Notes]

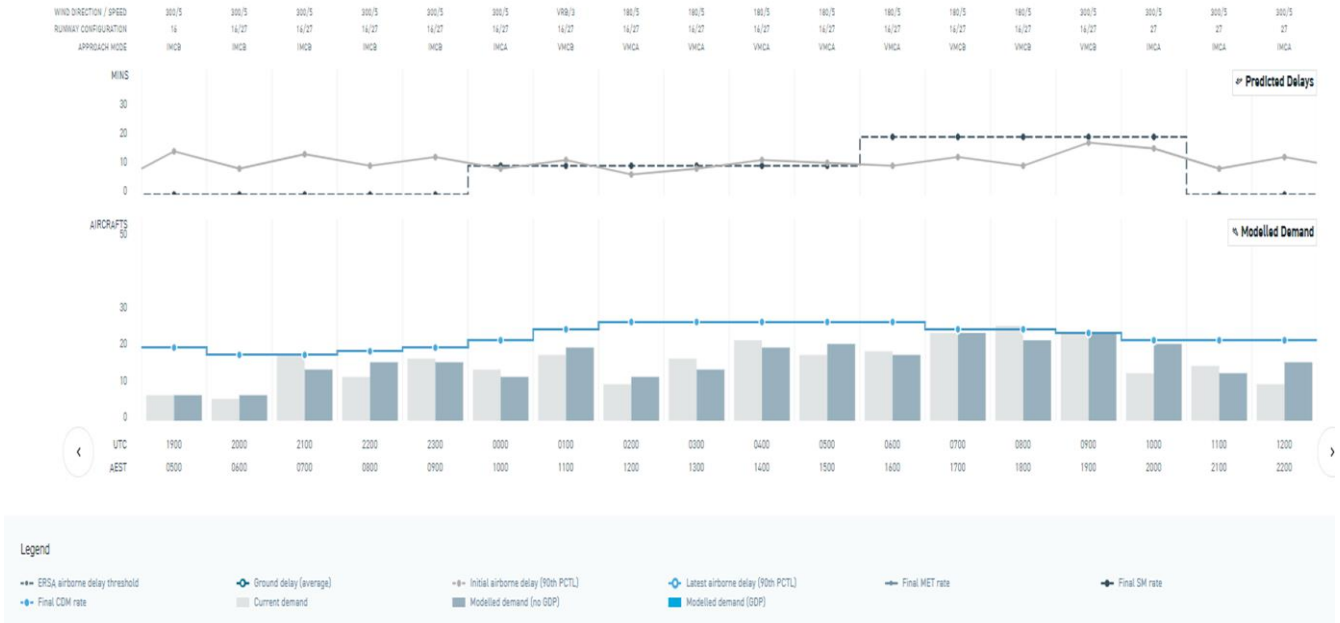
GDP Notes

Risk of fog in early morning. Nil other significant network risks identified at this time.

Tabulated Data

Time (Hour UTC)	112000	112100	112200	112300	120000	120100	120200	120300	120400	120500	120600	120700	120800	120900	121000	121100	121200	121300
Runway Mode	16/27 IMCB	16/27 IMCB	16/27 IMCB	16/27 IMCB	16/27 IMCA	16/27 VMCB	16/27 VMCA	16/27 VMCA	16/27 VMCA	16/27 VMCA	16/27 VMCA	16/27 VMCB	16/27 VMCB	16/27 VMCB	27 IMCA	27 IMCA	27 IMCA	27 IMCA
Rate	18	18	19	20	22	25	27	27	27	27	27	25	25	24	22	22	22	22
Segmentation and Notes																		
METCDM Notes	1	1	1	1&2	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



BRISBANE - Nil GDP

Sunday 12 May 2024

ATFM-CDM Notes

METCDM Notes:
[1] 2000-2359: A weak convergence is expected to develop between synoptic N'ly and katabatic SW just of the coast early morning. This convergence will weaken and then slowly track inland during the day. However, there is some uncertainty with weather in the TMA during the initial hours of the METCDM. The most likely scenario is for showers just offshore (east of convergence) with fog and low cloud over inland areas with low chance (<20%) advecting over the airport. There is also risk of isolated heavy showers and storms over offshore areas. X-factor applied for risk of fog advecting over the airport. Cloud 2500-3000ft with 2000ft patches near the airport. Cloud lower in showers.
[2] 2300-1259: Showers moving further into the TMA as weak convergence tracks inland. Chance of heavy showers and isolated thunderstorms in the TMA. X-factor applied for risk of thunderstorms in the 20NM. Cloud 2000-3000ft lower in showers. Light and variable winds becoming N to NE during the afternoon and N to NW during the evening. There is a slight risk of winds becoming W to WSW during the last two hours of the METCDM. Operations on either RWY 01 or RWY 19 are possible before 02Z with slight tailwind.

NCC DLM Notes:
[Nil DLM Notes]

SM Notes:
[1] 2000-0359: Staffing

GDP Notes

Risk of fog and low cloud in morning, with potential thunderstorms in the evening.

Tabulated Data

Time (Hour UTC)	112000	112100	112200	112300	120000	120100	120200	120300	120400	120500	120600	120700	120800	120900	121000	121100	121200	
Runway Mode	19 ILS	19 ILS	19 ILS	19 ILS	19 ILS	19 ILS	01 ILS	01 ILS	01 TS>20	01 TS>20	01 TS>20	01 TS>20	01 TS>20	01 TS>20	01 TS>20	01 ILS	01 ILS	
Rate	26	26	26	26	26	26	26	26	26	26	26	26	26	28	30	30	30	

Segmentation and Notes

METCDM Notes	1	1	1	1&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	

Bar Graph