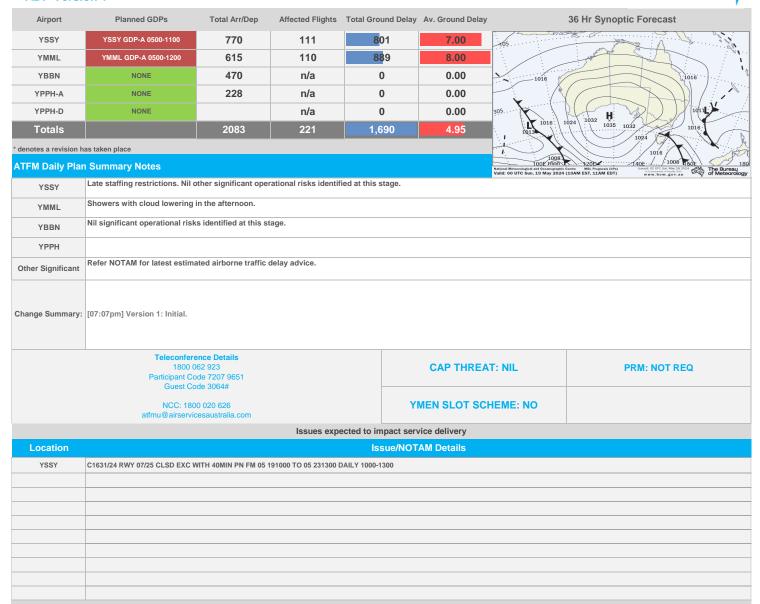
ATFM Daily Plan - Sunday 19 May 2024 ADP Version 1





Network Weather Overview

From now to +72 hours

Sunday 19 May 2024

		Weather Overview										
Mean Sea Le	vel Pressure	Satellite Picture	Rainfall Outloo	k for tomorrow								
10 10 10 10 10 10 10 10 10 10 10 10 10 1												
		ther impact risk assessment M										
	Brisbane	Melbourne	Perth	Sydney								
AM Sunday	CAVOK. Light to moderate S to SW winds. 30-35kt SSE winds aloft. Headwinds.	Cloud increasing around 2000- 2500ft. Showers developing S TMA. 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 20-30kt aloft. Possible wind shear.	Passing showers offshore, clearing east. Cloud 2500-3000ft, becoming CAVOK. Moderate SSW winds, reaching 30-35kt aloft. Strong headwind on RWY 16 approach.								
PM Sunday	CAVOK. Moderate S winds. 20kt S winds aloft, easing.	Showers. Cloud 2000-3000ft, lower in showers. Light to moderate SW winds	CAVOK. Light to moderate E to NE winds.	CAVOK. Gusty S to SSW winds easing.								

PM Sunday		winds aloft, easing.	in showers. Light to moderate SW winds.	winds.	easing.							
AM Monday	CA	VOK. Light SSW winds.	. Light SSW winds. Showers. Cloud 1000-2000ft. Light to moderate NE to moderate W to SW winds. 20-30kt N winds aloft, risk of strong headwind on RWY 03 approach.									
PM Monday		OK. Light S to SE winds, bly ENE for a brief period.	Light showers. Cloud 2000-2500ft lifting. Light to moderate S to SW winds.	CAVOK. Moderate N to NE winds.	Passing showers. Cloud 2500- 5000ft. Moderate S to SW winds, gusty at times. 20-30kt S winds aloft – strong headwinds on RWY 16.							
AM Tuesday	CAVOR	K. Light SSW winds. 20-25kt SSE winds aloft.	Drizzly showers. Light SW winds. Cloud 1500-2000ft lifting to 2000- 2500ft late morning.	CAVOK. Light to moderate NE winds.	Passing showers offshore. 2000ft cloud. Moderate SW winds with 20- 25kt S winds aloft.							
PM Tuesday	PM Tuesday CAV		Light showers. Cloud 2500-3000ft. Moderate S winds.	CAVOK. Light and variable winds tending SE later.	Passing showers offshore. 2500ft cloud. Moderate S to SW winds with 20-25kt S winds aloft.							
		Significant other phenomena potentially affecting Australian FIRs										
Volcanic Ash (VA) ≥ F	L200	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 Cyclone	5	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 0500-1100

Sunday 19 May 2024

ATFM-CDM Notes

METCDM Notes:

[1] 2000-0159: A strong high in the Bight directs a vigorous S'ly gradient flow over Sydney on Sunday morning. Showers offshore contract further east as the morning progresses. Cloud 2500-3000ft, clearing to CAVOK conditions by midday. Light to moderate WSW winds tend SSW and increase through the morning, gusty at times. Winds aloft SSW to SSE 30-35 knots, decreasing to 15-20 knots by late morning, as a ridge extends over Sydney and temporarily slackens the gradient. X-factors prior to 00Z account for strong head winds on approach. The x-factor in the 01Z hour accounts for any lingering cloud at this time. [2] 0200-1259: CAVOK. Light to moderate S winds tend SW and increase slightly in the evening, as a cold front from Victoria moves up the NSW coast and increases the gradient once again.

NCC DLM Notes: [Nil DLM Notes]

SM Notes:

[1] 0100-1259: TCU staffing (XFactor Reason: Staffing)

									Notes									
				La	ite staffing	restriction	ns. Nil othe	er significa	ant operati	onal risks	identified	at this stag	je.					
								Tabulat	ed Data									
ime (Hour UTC)	182000	182100	182200	182300	190000	190100	190200	190300	190400	190500	190600	190700	190800	190900	191000	191100	191200	
Runway Mode	16 DVAE	16 DVAB	16 DVAB	16 DVAB	16 DVAB				16 IVA	16 IVA	16 IVA	16 IVA	16 IVA	16 IVA	16 IVA	16 IVA	16 IVA	
Rate	34	34			38	34	34			36	36	36	36	36	36	32		
Segmentation and Notes																		
ETCDM Notes	1	1	1	1	1	1	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									
RUNWAY CO	CTION / SPEED INFIGURATION PROACH MODE MINS	16	200/20 230 16 1 DVAB DV	6 16	16	230/14 16 DVAB	290/14 16 IVA	230/14 16 IVA	190/10 16 IVA	190/10 16 IVA	190/10 15 IVA	90/10 190, 16 1/ IVA IV	i 16	16	250/10 16 IVA	250/10 16 IVA	250/10 16 IVA	
	30 20		+	•				•	•			•				¢	Predicted Delays	
	0 AIRCRAFTS	0			•	^		•		^				0	•••••	4	fodelled Demand	
	40 20							°ſ		-					;			
•	UTC AEST		2000 21 0600 07			0000	0100 1100	0200 1200	0300 1300	0400 1400		0500 071 1600 171			1000 2000	1100 2100	1200 2200	
Legend																		
	delay threshold		-O- Ground delay (a				elay (90th PCTL)		- Latest airborne			🛶 Final MET rate			- Final SM rate			

MELBOURNE - YMML GDP-A 0500-1200

Sunday 19 May 2024

ATFM-CDM Notes

METCDM Notes:

[1] 2000-0459: A cold front moves through the TMA from the south during Sunday afternoon and evening. Cloud 3000-5000ft at first, with some cloud ~2000ft developing during the morning, lifting to ~2500ft by midday. Light W winds should allow for LAHSO in the early morning, if required. PRLAHSO has been indicated 22-00Z, with the chance of some patchy cloud below 2000ft at this time. Winds tend SW'ly from late morning, favouring RWY 16/27 operations.

[2] 0500-1359: Showers developing during the afternoon as a cold front moves into the TMA from the south (x-factor applied). Cloud generally 2000-2500ft, with patchy cloud down to 1500ft in showers.

NCC DLM Notes: [Nil DLM Notes]

SM Notes:

[Nil SMTM Notes]



OFFICIAL

BRISBANE - NII GDP

ATFM-CDM Notes

METCDM Notes: [1] 2000-1259: A strong high in the Bight drives a vigorous S'ly flow over the Brisbane area. Showers well offshore, clipping the far E TMA throughout Sunday. Likely CAVOK at the airport. Light to moderate SSW winds increase for a period in the morning, gusty at times, before moderating and tending S'ly through the afternoon, then tending back to SSW in the evening. Winds aloft SSW to SSE 30-40 knots at first, easing below 20 knots by early afternoon, then increasing 20-25 knots again in the evening. An x-factor has been applied during the morning to account for strong head winds on approach.

NCC DLM Notes: [Nil DLM Notes]

SM Notes:

[Nil SMTM Notes]

									GDP										
	Nil significant operational risks identified at this stage.																		
	Tabulated Data																		
Time (Hou	ır UTC)		182100					190200	190300	190400	190500								
Runway	Mode																		
Rate	e		32					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	0
Segment	tation	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	
									Bar G	Braph									
	WIND DIRECTI RUMWAY CON				210/12 210/ 19 DEP 19 D		210/12 19 DEP	210/12 19 DEP	210/12 19 DEP	210/12 19 DEP	210/12 19 DEP			0/12 210/ DEP 19.06			210/12 19 DEP	210/12 19 DEP	
	1998	EDACH MODE	VMC	VMC	VMC VM	VHC VHC	VMC	VMC	VMC	VMC	VMC	VMC	VHC V	MC VMC	ć VHC	VMC	VMC	VMC	
		MINS															8	Predicted Delays	
		30																	
		20				0						[-+	••		+-			
			0		0 0						0	-0	0	000		0	0	0	
		AIRCRAFTS																	
		60															4	Modelled Demand	
		40																	
		20																	
		20				_		_				- 1	10 M	- U			_		
			10 A	- L	in 11														
		UTC	1900	2000	2100 220	0 2300	0000	0100	0200	0300	0400	0500	0600 0	700 080	10 0900	1000	1100	1200	
	Ċ	AEST	0500	0600	0700 080	0 0900	1000	1100	1200	1300	1400	1500	1600 1	700 180	10 1900	2000	2100	2200	
Le	igend																		
	 ERSA airborne de Final CDM rate 	elay threshold		- Ground dela			-e- Initial airborne Modelled dema			-O- Latest airborne Modelled demar			🛶 Final MET rate			+ Final SM rate			

