

ATFM Daily Plan - Monday 29 April 2024

ADP Version 3



Airport	Planned GDPs	Total Arr/Dep	Affected Flights	Total Ground Delay	Av. Ground Delay	36 Hr Synoptic Forecast
YSSY*	NONE^		n/a	738	2.60	
YMML*	NONE^		n/a	1,424	6.40	
YBBN	NONE		n/a	0	0.00	
YPPH-A	YPPH GDP-A 0030-1400		157	1,607	10.20	
YPPH-D	YPPH GDP-D 2130-0030		106	1,605	15.10	
Totals		0	263	5,374	#DIV/0!	

* denotes a revision has taken place

ATFM Daily Plan Summary Notes

YSSY	<p>Chance of fog in the morning. Chance of thunderstorm in the evening.</p> <p>Midday Update: CAVOK. Showers and possible thunderstorms developing offshore in the evening. Light NW winds, tending moderate NE early afternoon, ahead of a SW change late evening.</p> <p>ATC ADVICE: 536 (273A/263D) movements remaining. Nil GDP. Nil issues expected.</p>
YMML	<p>Chance of cloud and showers from late morning.</p> <p>Midday Update: Light showers. Cloud 2000-3000ft. Light to moderate SW winds, tending S during the afternoon.</p> <p>ATC ADVICE: 420 (218A/202D) movements remaining. Nil GDP. Nil issues expected.</p>
YBBN	<p>Light showers expected during the day. Nil other significant issues currently identified.</p> <p>Midday Update: Light showers, contracting offshore in the evening. Cloud 2500-3000ft. Light to moderate ESE winds, shifting lighter SSW in the evening.</p> <p>ATC ADVICE: 350 (204A/146D) movements remaining. Nil GDP. Nil issues expected.</p>
YPPH	<p>RWY 06/24 closed as per NOTAM. Chance of strong cross winds during the morning period.</p> <p>Midday Update: CAVOK. Fresh and gusty E winds, moderating in the afternoon.</p> <p>ATC ADVICE: 324 (207A/117D) movements remaining. GDP-A till 1400. Consistent demand throughout rest of day.</p>
Other Significant	Refer NOTAM for latest estimated airborne traffic delay advice.
Change Summary:	<p>[10:53pm] Version 1: Initial.</p> <p>[12:19pm] Version 2: Morning Update</p> <p>[12:19pm] Version 3: Midday Update</p>

National Meteorological and Oceanographic Centre MELB Program (NP) 30 April 2024 10:00 AM EST, 11:00 AM EDT
Valid: 00 UTC Tue, 30 April 2024 (10AM EST, 11AM EDT) www.bom.gov.au The Bureau of Meteorology

<p>Teleconference Details 1800 062 923 Participant Code 7207 9651 Guest Code 3064#</p> <p>NCC: 1800 020 626 atfmu@airservicesaustralia.com</p>	<p>CAP THREAT: 282130-290015 & 290730-290930</p>	<p>PRM: NOT REQ</p>
	<p>YMEN SLOT SCHEME: NO</p>	

Issues expected to impact service delivery

Location	Issue/NOTAM Details
YSSY	C1340/24 RWY 07/25 CLOSED DUE WIP FM 04 282100 TO 05 030700 DAILY 2100-0700
YSSY	C1361/24 RWY 07/25 CLOSED EXC WITH 40MIN PN FM 04 291000 TO 05 021300 DAILY 1000-1300
YPPH	C301/24 RWY 06/24 CLSD FM 04 282330 TO 04 290900
YPPH	C307/24 RWY 06/24 CLSD FM 04 292330 TO 04 300900, 05 032330 TO 05 040900

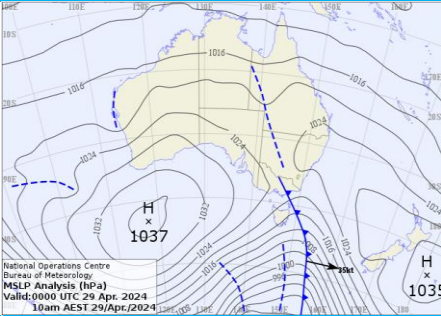
Network Weather Overview

From now to +72 hours

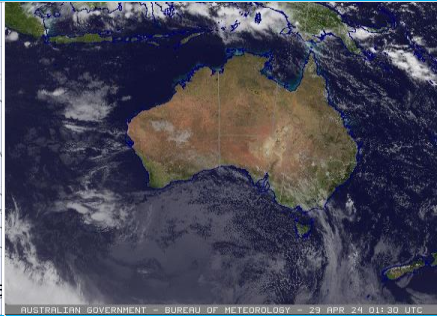
Monday 29 April 2024

Weather Overview

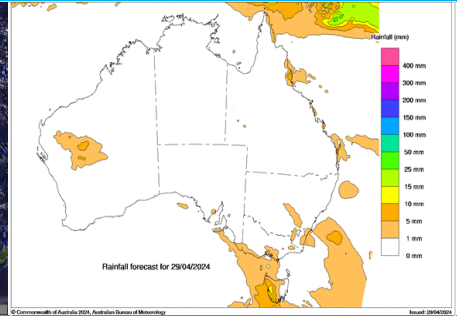
Mean Sea Level Pressure



Satellite Picture



Rainfall Outlook for today



Weather impact risk assessment Major Airports

	Brisbane	Melbourne	Perth	Sydney
PM Monday	Cloud 2500-3000ft. Passing showers, contracting to the sea during the evening. Light E to SE winds, turning SW late evening.	Cloud 2000-2500ft, lifting above 3000ft in the evening. Showers, clearing by evening. Moderate S to SW winds.	CAVOK. Moderate E winds, gusty at times. E winds aloft increasing to 25-35 knots late evening.	CAVOK. Late evening showers S TMA and offshore. Chance of a late thunderstorm offshore. Light to moderate N to NE winds becoming SW in the evening,
AM Tuesday	Cloud 2500-3000ft. Showers offshore, moving over the coast late morning. Light S to SW winds becoming SE.	Cloud 2500-3000ft. Light to moderate S to SE winds.	High-based showers and thunderstorms developing. Gusty ENE winds, reaching 35-50 knots aloft. Turbulence.	Cloud 1500-2000ft. Showers. Chance of thunderstorms offshore. Moderate S to SW winds, tending S'yly and freshening during the morning. Head winds, with S'yly winds aloft increasing to 25-30 knots by late morning.
PM Tuesday	Cloud 2500-3500ft. Passing light showers, contracting to the sea during the evening. Light E to SE winds, turning SW late evening.	Cloud 3000-3500ft. Chance of a light shower. Moderate S to SE winds, fresh at times in the afternoon.	High-based showers and thunderstorms. Moderate gusty NE winds. E winds aloft increasing to 25-35 knots late evening.	Cloud 2000-2500ft, lifting 2500-3500ft in the evening. Showers, easing in the evening. Fresh S head winds, reaching 25-30 knots aloft.
AM Wednesday	Cloud 2000-3000ft. Showers offshore, moving over the coast late morning. Light S to SW winds becoming S to SE late morning.	Early fog patches in the TMA, mainly east. Light W to NW winds turning SW during the morning.	Chance of high-based showers and thunderstorms. Moderate to fresh NE winds easing late morning. N to NE winds 30-40 knots aloft.	Cloud 1500-2500ft. Showers increasing during the morning. Moderate S to SW winds. SE winds aloft 20-25 knots.
PM Wednesday	Cloud 2500-3500ft. Passing light showers, contracting inland during the afternoon and offshore in the evening. Light to moderate S to SE winds.	Likely CAVOK. Light to moderate SW to SE winds.	High-based showers and thunderstorms. Light to moderate NE to NW winds turning W during the afternoon.	Cloud 2000-2500ft. Showers. Moderate to fresh S winds, easing. Head winds easing towards evening.
AM Thursday	Cloud 2000-2500ft. Showers offshore, moving over the coast late morning. Light SSW winds, shifting moderate SE late morning. SSE winds aloft 25-35 knots, easing.	Fog likely in the TMA. Chance of LVPs at the airport. Lifting to low cloud 0500-1500ft during the morning, reaching 2000-2500ft by late morning. Light W winds, tending SW during the morning.	Chance of high-based showers and thunderstorms. Moderate NE winds, shifting NW late morning. Winds aloft N to NW 20-30 knots.	Cloud 1500-2500ft. Showers. Light to moderate SSW to SSE winds.

Significant other phenomena potentially affecting Australian FIRs

Volcanic Ash (VA) ≥ FL200	Nil significant. For the latest information refer to http://www.bom.gov.au/aviation/volcanic-ash/darwin-va-advisory.shtml
Space Weather	For latest advisories refer to http://www.bom.gov.au/aviation/space-weather-advisories/
Tropical Cyclones	Nil significant. 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 - NONE^

Monday 29 April 2024

ATFM-CDM Notes

METCDM Notes:

[1] 2000-0659: REVIEWED: Fog has been observed in the far western Sydney Basin, with only shallow fog observed through the central Sydney Basin. As such, the risk of fog moving over the airport is now deemed very low, with some haze still possible until around 22Z. A high pressure system lies over the Tasman Sea and an upper trough is approaching from the SW. Fog is likely to form to the west in the morning under a strong inversion. Climatologically, fog would clear in the 22Z hour if it were to occur. There may be some patchy low cloud around during the morning as it breaks up and clears. Light NW winds tending NE during the afternoon. Smoke in the TMA.

[2] 0700-1259: High based showers and possibly thunderstorms are developing over the TMA in the evening. The are more likely offshore with the change in the evening but some model guidance is indicating a risk ahead of the change. There is a chance of a visibility reduction or a storm in the TMA though so x-factors have been added ahead of the more likely timing with the change in the evening. Cloud above 6000ft. Light NE to NW winds with the chance of a late S to SW change. There is also uncertainty in the timing of the change as more recent model guidance is bringing the timing earlier with this trend possibly continuing with new guidance overnight.

NCC DLM Notes:

[Nil DLM Notes]

SM Notes:

[Nil SMTM Notes]

GDP Notes

Chance of fog in the morning. Chance of thunderstorm in the evening.

Midday Update: CAVOK. Showers and possible thunderstorms developing offshore in the evening. Light NW winds, tending moderate NE early afternoon, ahead of a SW change late evening.
 ATC ADVICE: 536 (273A/263D) movements remaining. Nil GDP. Nil issues expected.

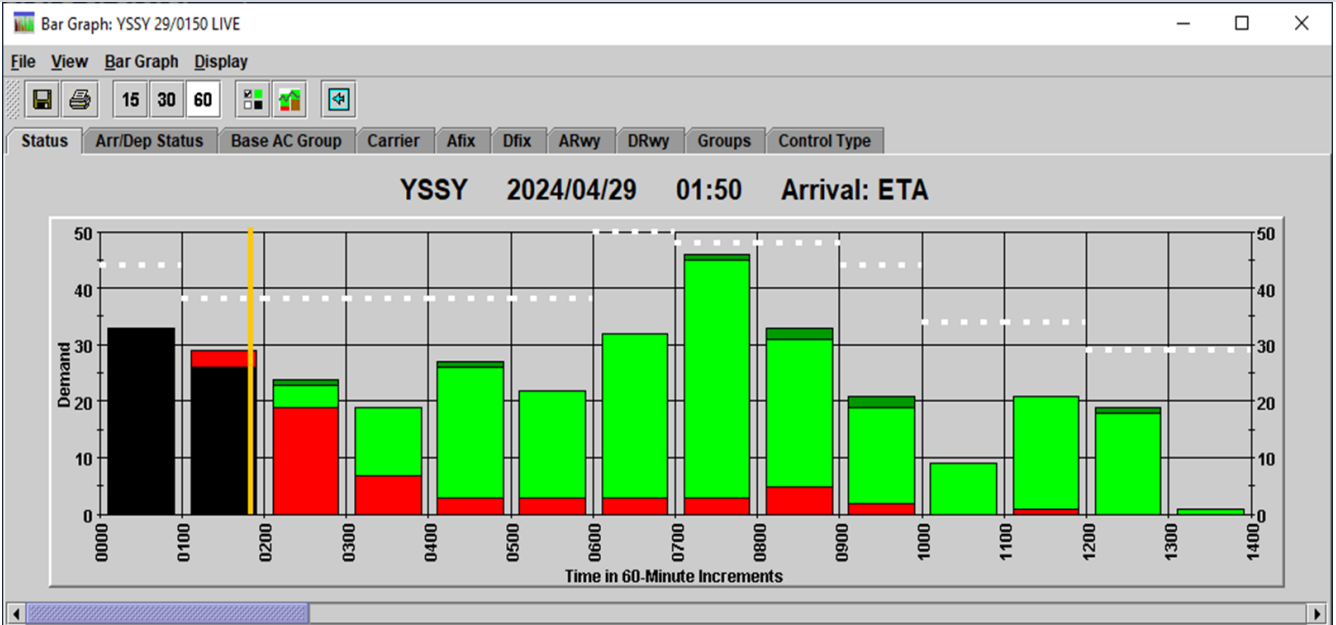
Tabulated Data

Time (Hour UTC)	282000	282100	282200	282300	290000	290100	290200	290300	290400	290500	290600	290700	290800	290900	291000	291100	291200	0
Runway Mode	34 IVA	34 IVA	34 IVA	34 IVA	34 IVA	34 IVA	34 IVA	34 IVA	34 IVA	34 IVA	34 IVA	34 IVA	34 IVA	34 IVA	34 IVA	34 IVA	34 IVA	
Rate	46	46	46	50	44	38	38	38	38	38	50	48	48	44	34	34	29	

Segmentation and Notes

METCDM Notes	1	1	1	1	1	1	1	1	1	1	1	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 - NONE^

Monday 29 April 2024

ATFM-CDM Notes

METCDM Notes:

[1] 2000-2259: A high pressure system lies over the Tasman Sea with a trough is moving through the TMA late morning. Light NW winds tending W ahead of the change. Uncertainty in the timing of the change which could be up to an hour or two earlier. CAVOK. Smoke in the TMA.
 [2] 2300-1359: REVIEWED: Showers have weakened considerably this morning, with visibility reductions seeming less likely. Some patchy cloud 1000-1500ft may still be possible in light showers, hence a small x-factor has been retained until 03Z. VMCA with an x-factor has been retained in the 03Z hour to account for cloud improving to full VMCA conditions during that hour. X-factor removed during the afternoon, with showers less likely to be significant at this time. Cloud 1800-2500ft and showers with the moderate SW change. Cloud lifting during the afternoon to be 2500-3000ft. Showers continuing until evening when they are likely to ease. Light to moderate SW winds. Winds tending S'ly in the afternoon with the risk of tail wind on RWY 27 when showers are in the area.

NCC DLM Notes:
 [Nil DLM Notes]

SM Notes:
 [Nil SMTM Notes]

GDP Notes

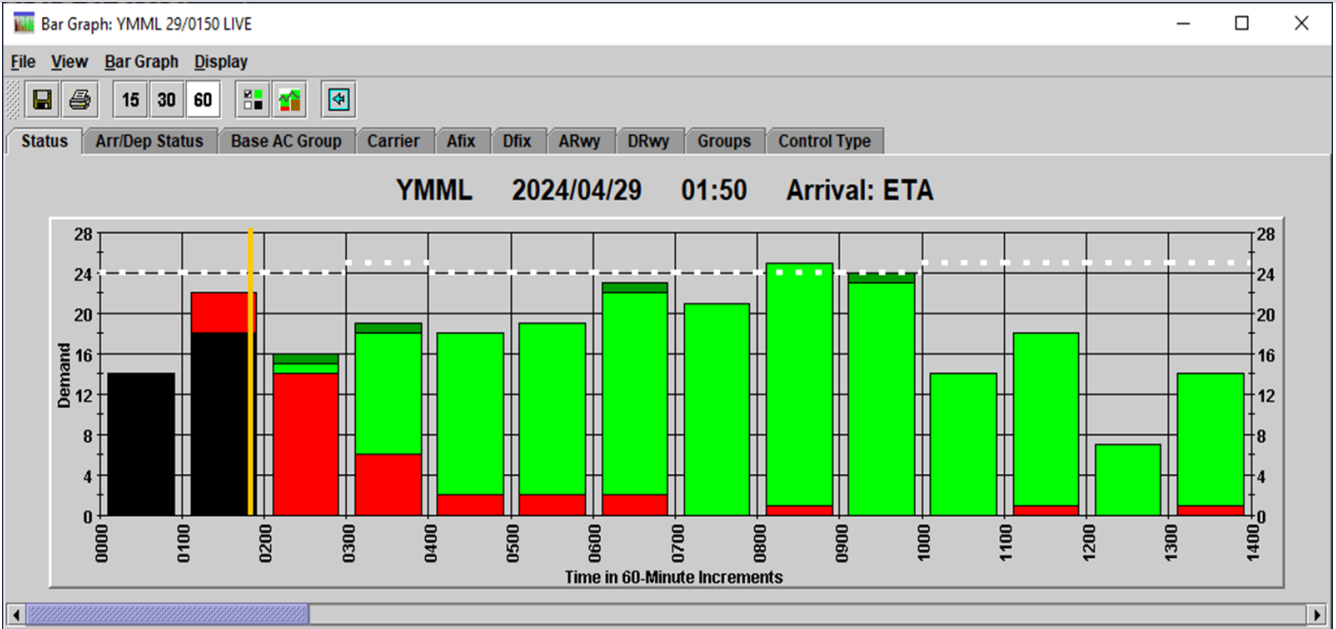
Chance of cloud and showers from late morning.

Middy Update: Light showers. Cloud 2000-3000ft. Light to moderate SW winds, tending S during the afternoon.
 ATC ADVICE: 420 (218A/202D) movements remaining. Nil GDP. Nil issues expected.

Tabulated Data

Time (Hour UTC)	282000	282100	282200	282300	290000	290100	290200	290300	290400	290500	290600	290700	290800	290900	291000	291100	291200	291300
Runway Mode			27/34 LAHSO	16/27 VMCB	16/27 VMCB	16/27 VMCB	16/27 VMCA	16/27 VMCA	16/27 VMCA	16/27 VMCA	16/27 VMCA	16/27 VMCA	16/27 VMCB	16/27 VMCB	16/27 VMCB	16/27 VMCB	16/27 VMCB	16/27 VMCB
Rate	30	30	24	24	24	24	24	25	24	24	24	24	24	24	25	25	25	25
Segmentation and Notes																		
METCDM Notes	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	2	2	2	2	2	2	2	2	2	2

Bar Graph



BRISBANE - Nil GDP

Monday 29 April 2024

ATFM-CDM Notes

METCDM Notes:

[1] 2000-2359: A high pressure system lies to the SE directing a SE gradient over the TMA. Cloud 3000-4000ft. Showers offshore with cloud down to 2000ft. There is the chance of some cloud down to 2000ft at the airport so an x-factor has been applied. Light SW winds tending SE during the morning. Patchy fog around inland TMA.

[2] 0000-1259: Light showers over the coast late morning and early afternoon before contracting inland then redeveloping offshore. Cloud 2500-3500ft, 2000ft in showers with x-factor applied. Light to moderate SE to E winds.

NCC DLM Notes:

[Nil DLM Notes]

SM Notes:

[Nil SMTM Notes]

GDP Notes

Light showers expected during the day. Nil other significant issues currently identified.

Midday Update: Light showers, contracting offshore in the evening. Cloud 2500-3000ft. Light to moderate ESE winds, shifting lighter SSW in the evening.
 ATC ADVICE: 350 (204A/146D) movements remaining. Nil GDP. Nil issues expected.

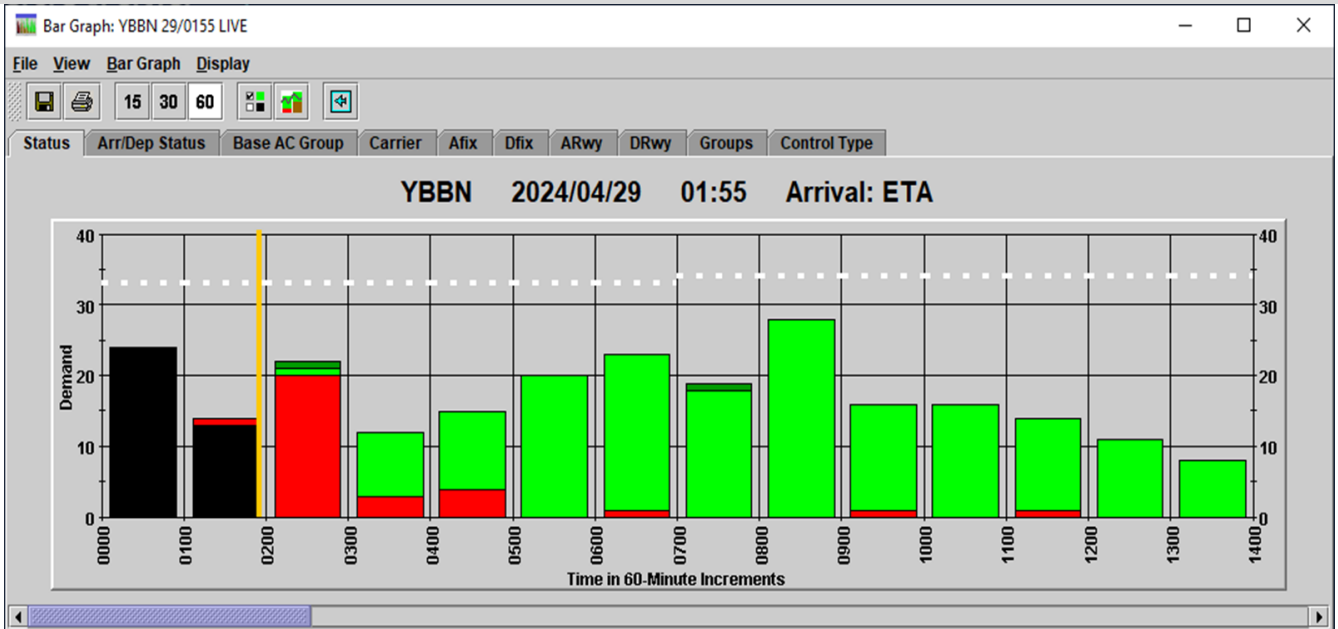
Tabulated Data

Time (Hour UTC)	282000	282100	282200	282300	290000	290100	290200	290300	290400	290500	290600	290700	290800	290900	291000	291100	291200	
Runway Mode	19 VMC	19 VMC	19 VMC	19 VMC	19 VMC	01 VMC	01 VMC	01 VMC	01 VMC	01 VMC	01 VMC	01 VMC	01 VMC	01 VMC	01 VMC	01 VMC		
Rate	33	33	33	33	33	33	33	33	33	33	33	34	34	34	34	34	34	

Segmentation and Notes

METCDM Notes	1	1	1	1	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



ATFM-CDM Notes

METCDM Notes:

[1] 2200-1359: A high pressure system to the south coupled with a trough off the coast is resulting in a strong easterly gradient across the TMA. Moderate to fresh E'ly winds gusting over 30 knots on the surface in the morning and evening. E to ENE winds aloft 30 to 40 knots, easing to 20 to 30 knots during the day then increasing to 30 to 40 knots again in the evening X-factors added for strong winds aloft exceeding 35 knots. Turbulence likely in the morning and evening, chance of wind shear if winds at the surface are light. Smoke in the TMA in the morning.
 [2] 2300-0859: RWY 06/24 closed. See NOTAM C301/24. Cross winds greater than 20 knots likely on RWY 03 during the morning. If runway works is cancelled and RWY 06 is used then the rate would be 20 but RWY 03 has been planned based on current NOTAM.

NCC DLM Notes:

[Nil DLM Notes]

SM Notes:

[1] 2300-0859: due to taxiway limitations (XFactor Reason: Airport Infrastructure)

GDP Notes

RWY 06/24 closed as per NOTAM. Chance of strong cross winds during the morning period.

Midday Update: CAVOK. Fresh and gusty E winds, moderating in the afternoon.

ATC ADVICE: 324 (207A/117D) movements remaining. GDP-A till 1400. Consistent demand throughout rest of day.

Tabulated Data

Time (Hour UTC)	290200	290300	290400	290500	290600	290700	290800	290900	291000	291100	291200	291300
Runway Mode	03/06 VMC	03/06 VMC	03/06 VMC	03/06 VMC	03/06 VMC	03/06 VMC	03/06 VMC	03/06 VMC	03/06 VMC	03/06 VMC		
Rate-Arrs	23	23	23	23	23	23	23	24	24	22	20	20
Rate-Depts												

Segmentation and Notes

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

Bar Graph

