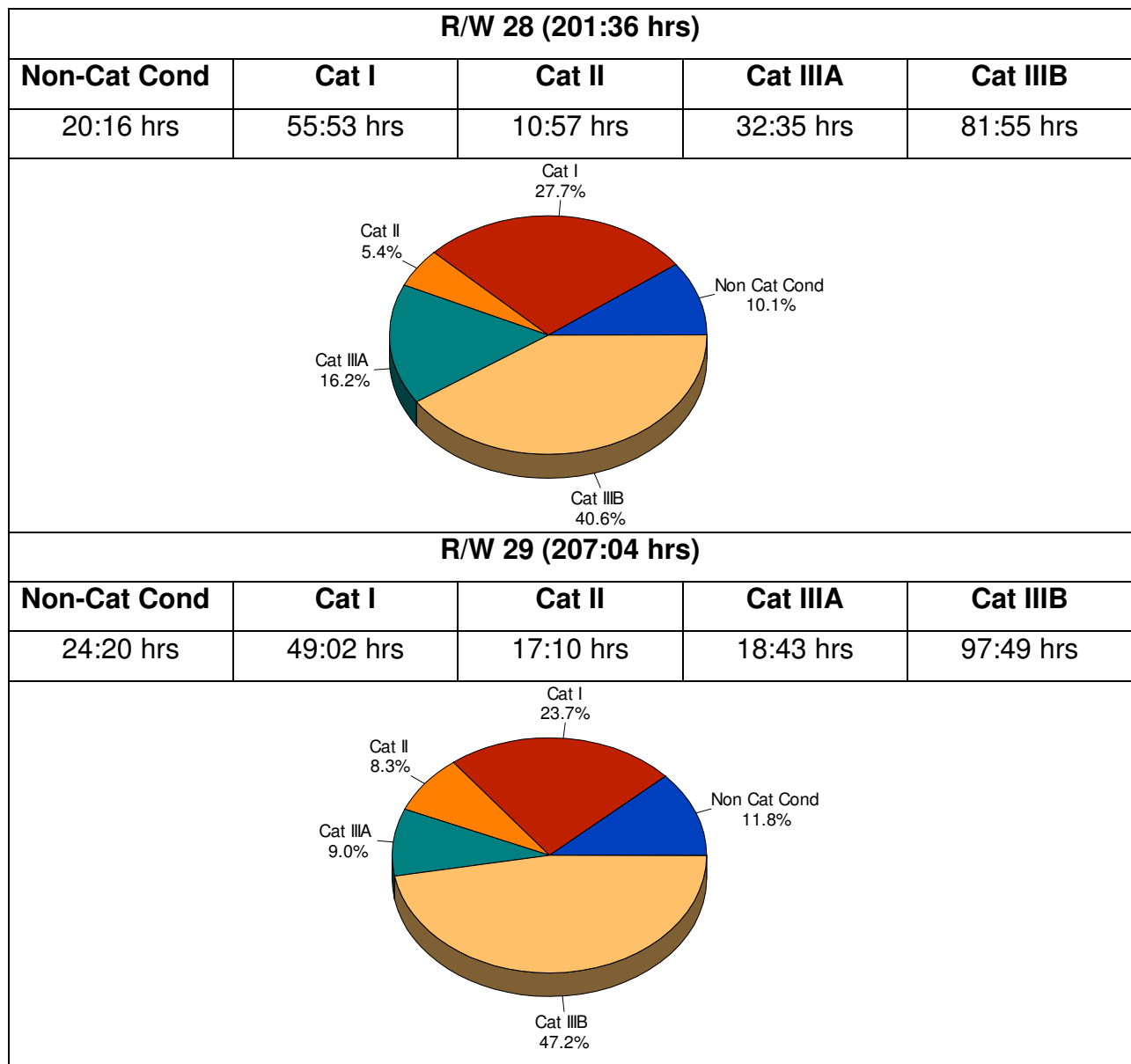


**REPORT ON
MONITORING OF
SCHEDULED OPERATIONS DURING FOG
AT IGI AIRPORT, NEW DELHI
(2009-2010)**

ANALYSIS OF FOG RELATED DELAYS AT IGI AIRPORT, DELHI DURING WINTER

Introduction

The data of visibility and RVR from 1.1.2010 to 28.1.2010 has been analysed during which LVP had been implemented at IGI Airport, New Delhi. During the period under consideration, the total duration of LVP on R/W 28 and R/W 29 was 201:36 hrs and 207:04 hrs respectively. The duration of Cat I, II, IIIA and IIIB conditions is as under:



During the LVP period under consideration, a total of 4615 scheduled flights were planned comprising 1637 international and 2978 domestic operations. The details of flights operated, diverted, rescheduled and delayed are as follows:

International (1637)																		
Operated	Diverted	Rescheduled	Cancelled															
1295	73	241	28															
<table border="1"> <caption>International Flight Status Breakdown</caption> <thead> <tr> <th>Status</th> <th>Count</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Operated</td> <td>1295</td> <td>79.1%</td> </tr> <tr> <td>Diverted</td> <td>73</td> <td>4.5%</td> </tr> <tr> <td>Rescheduled</td> <td>241</td> <td>14.7%</td> </tr> <tr> <td>Cancelled</td> <td>28</td> <td>1.7%</td> </tr> </tbody> </table>				Status	Count	Percentage	Operated	1295	79.1%	Diverted	73	4.5%	Rescheduled	241	14.7%	Cancelled	28	1.7%
Status	Count	Percentage																
Operated	1295	79.1%																
Diverted	73	4.5%																
Rescheduled	241	14.7%																
Cancelled	28	1.7%																
Domestic (2978)																		
2431	127	109	311															
<table border="1"> <caption>Domestic Flight Status Breakdown</caption> <thead> <tr> <th>Status</th> <th>Count</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Operated</td> <td>2431</td> <td>81.6%</td> </tr> <tr> <td>Diverted</td> <td>127</td> <td>4.3%</td> </tr> <tr> <td>Rescheduled</td> <td>109</td> <td>3.7%</td> </tr> <tr> <td>Cancelled</td> <td>311</td> <td>10.4%</td> </tr> </tbody> </table>				Status	Count	Percentage	Operated	2431	81.6%	Diverted	127	4.3%	Rescheduled	109	3.7%	Cancelled	311	10.4%
Status	Count	Percentage																
Operated	2431	81.6%																
Diverted	127	4.3%																
Rescheduled	109	3.7%																
Cancelled	311	10.4%																
Total (4615)																		
3726	200	350	339															
<table border="1"> <caption>Total Flight Status Breakdown</caption> <thead> <tr> <th>Status</th> <th>Count</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Operated</td> <td>3726</td> <td>80.7%</td> </tr> <tr> <td>Diverted</td> <td>200</td> <td>4.3%</td> </tr> <tr> <td>Rescheduled</td> <td>350</td> <td>7.6%</td> </tr> <tr> <td>Cancelled</td> <td>339</td> <td>7.3%</td> </tr> </tbody> </table>				Status	Count	Percentage	Operated	3726	80.7%	Diverted	200	4.3%	Rescheduled	350	7.6%	Cancelled	339	7.3%
Status	Count	Percentage																
Operated	3726	80.7%																
Diverted	200	4.3%																
Rescheduled	350	7.6%																
Cancelled	339	7.3%																

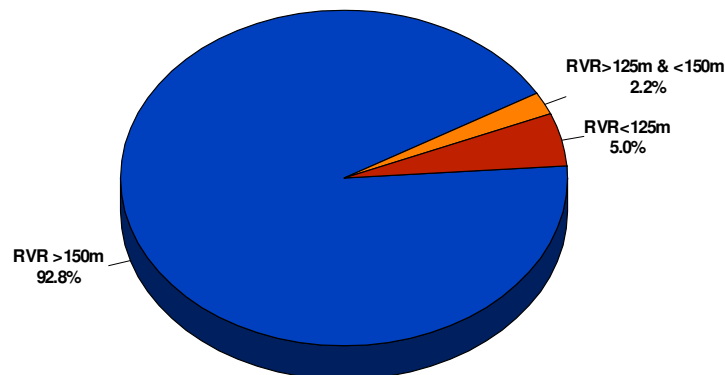
Details of Cat III Compliant Aircraft/Trained Pilots

During winter 2009, scheduled domestic airlines increased their Cat III compliant fleet of aircraft for domestic operations from 162 in the year 2008 to 206. Airline-wise details of Cat III compliant aircraft along with Cat III trained pilots are given in the following Table.

Airline	Aircraft for Domestic Operations		Cat III Compliant Aircraft		No. of Cat III Trained Pilots as of 17th Nov., 2009
	Type	Total	2008	2009	
NACIL (I)	A310/A320/A321	75	67	75	294
Alliance Air	04 CRJ/07 ATR	11	0	0	0
Jet Airways (*)	52 B737/14 ATR	66	36	40	437
JetLite (*)	17 B737/07 CRJ	24	0	7	55
Kingfisher Airlines (*)	35 A320 family/29 ATR	64	35	35	277
Spicejet	B737	19	0	19	69
Go Air	A320	8	5	8	36
IndiGo	A320	22	19	22	155
Total		289	162	206	1323
(*) CRJs/ATRs are Cat II non-compliant					

RVR Details on R/W 28

It may be mentioned that R/W 28 at IGI Airport, Delhi is primarily used for departures. During the period from 3rd Jan, 2010 to 30th Jan, 2010, RVR remained above 150m for 623:23 hrs (92.8%), between 125m to 150m for 14:47 hrs (2.2%) and below 125m for 33:50 hrs (5.0%) as indicated below.



Although low visibility conditions were experienced on 2nd Jan, 2010, RVR data has not been taken into consideration due to the fact that IGI Airport was degraded to Cat II on account of non-availability of one end data on both the runways.

Reasons For Delays/Disruptions

- Northern part of India experienced severe foggy conditions this year, which was also delayed in the current winter season compared to previous years.
- Flights to/from Delhi were also affected due to unprecedented bad weather at Bangalore, Jabalpur, Patna, Lucknow, Kolkata and airports in the North.
- Non-availability of one or more RVR data for R/W 28 from 1st Jan to 5th Jan and on 24th Jan, 2010 and for R/W 29 on 2nd Jan, 16th Jan, 21st Jan, 23rd Jan, 24th Jan and 27th Jan 2010.
- Failure of Auto Track II system on 14th Jan and 25th/26th Jan., 2010.
- During the period under consideration, the RVR at R/W 28 was below the LVTO minima for about 34 hours leading to ground congestion as the aircraft were not able to take-off but landings were permitted within permissible Cat-III conditions.
- The parked aircraft at Terminal 2 occupied the bays for longer duration affecting allocation of bays to arriving aircraft thereby causing congestion and holding of arriving aircraft on taxiways.
- Lack of coordination amongst ATC, AOCC DIAL and ground handlers to deal with ground congestion.

Measures Taken to Mitigate Delays

- The Director General of Civil Aviation reviewed the fog situation at IGI Airport on 2nd Jan., 2010 along with DG Met. Department, Chairman AAI, ATC senior officials and DIAL and following decisions were taken for implementation:
 - Since the RVR equipment failed due to snapping of cables, it was decided that in future, SOPs would be developed for maintenance of Met. cables by airport operators and DIAL, in particular, for IGI Airport.
 - Met. Department will provide one spare RVR equipment for IGI Airport.

- To avoid delays under foggy conditions, operational clarifications were provided to the ATC personnel on low visibility take-off and Cat IIIB landings procedures.
- Senior officers of all concerned agencies were advised to monitor the situation round the clock to ensure safe operations during low visibility conditions.
- Airlines and DIAL were advised to ensure proper passenger facilitation and timely information for passengers.
- The Director General of Civil Aviation again reviewed the fog situation at IGI Airport on 8th Jan., 2010 and following decisions were taken for implementation:
 - Pilots of international flights be informed through ATIS broadcast that they may experience delays of one to two hours due to likely non-availability of parking bays during Cat IIIB conditions.
 - DIAL to inform WSO about non-availability of parking bays.
 - DIAL will make necessary arrangements to assess the flight delays and accordingly display in the terminal building regarding delay and rescheduling of flights for passenger information.
 - DIAL to provide a link in ATC in coordinate with GM (ATC), AAI on trail basis by 12th Jan, 2010. During the interim period, DIAL will liaise with ATC on half hourly basis with regard to allocation of parking bays.
 - DIAL may convene a meeting of ground handlers to assess their ground handling capacity and explore pooling of resources amongst them.
 - As indicated in the Fog Management Guidelines, WSO Delhi may accord priority to the diverted flights and the concerned ATC units must take permission from Delhi ATC before clearing the departure.
 - For management of parking bays, there should be coordination and exchange of information between ATC and AOCC of the rescheduled flights for effective slot allocation.
- The flight schedule of non-Category IIIA/IIIB compliant aircraft was shifted beyond 1000 hours from Delhi.

- A dedicated computer has been provided in the Tower with a link from AOCC for display of information with regard to bay allocation.
- A procedure has been evolved amongst ground handlers to share their resources under such circumstances.
- DIAL has addressed the issue with representatives of foreign airlines with regard to relocation of their aircraft in case of delayed departures and mobilization of ground equipment.
- In view of diversions of some flights of NACIL and IndiGo operated with non-Cat III compliant pilots, both the airlines were advised to detail Cat III compliant pilots to/from Delhi during foggy conditions in accordance with the provisions of relevant CAR and AIC.
- In order to ensure safety of aircraft operations during foggy conditions, LVTO minima was reduced from 200m to 150m and made applicable for all airlines w.e.f. 17th Jan 2010 after detailed study of RVR data.
- It was observed that scheduled domestic airlines deployed Cat IIIB aircraft and adequately trained pilots for operation of flights through Delhi during LVP. However, matter may also be taken up with AAI, who are the slot coordinator, to clear the slots of foreign airlines for next Winter Fog Schedule for Delhi airport (w.e.f. 15th Dec., 2010 to 15th Feb., 2010) based on deployment of Cat IIIB aircraft and adequately trained pilots.

Dated:4th Jan., 2010

DATE	VIS	RVR RWY 28/10			RVR RWY 29/11			R/W CONDITION	
		TDZ	MID	END	TDZ	MID	END	28	29
01st Jan 10									
00:30	350	>2000	>2000	No Value	1400	1400	1200		
01:30	500	>2000	>2000	No Value	1800	>2000	1400		
02:30	500	1600	1700	No Value	1000	1600	1300		
03:30	500	1400	1600	No Value	1200	1200	1200		
04:30	500	2000	2000	No Value	1200	1500	1300		
05:30	500	2000	2000	No Value	1200	1400	1200		
06:30	500	2000	2000	No Value	1400	1700	1500		
07:30	500	1500	1400	No Value	1400	1300	1500		
08:30	400	700	800	No Value	900	1100	1100		
09:30	700	1200	1300	No Value	1200	1200	1400		
10:21	1600	>2000	>2000	No Value	>2000	>2000	1900		
11:30	2300	>2000	>2000	>2000	>2000	>2000	>2000		
12:30	2600	>2000	>2000	>2000	>2000	>2000	>2000		
13:30	2800	>2000	>2000	>2000	>2000	>2000	>2000		
14:21	3000	>2000	>2000	>2000	>2000	>2000	>2000		
15:30	3800	>2000	>2000	>2000	>2000	>2000	>2000		
16:30	3500	>2000	>2000	>2000	>2000	>2000	>2000		
17:30	3100	>2000	>2000	>2000	>2000	>2000	>2000		
18:30	1800	>2000	>2000	>2000	>2000	>2000	>2000		
19:30	1400	>2000	>2000	>2000	>2000	>2000	>2000		
20:30	900	2000	>2000	No Value	1700	1700	1700		
21:30	400	1200	1400	No Value	1500	1100	800		
22:30	200	1200	1400	1300	800	800	650		
23:30	200	1200	1400	No Value	750	750	600		
02nd Jan 10									
00:21	150	1300	1300	1300	900	900	550		
01:21	150	400	750	No Value	450	400	400		

DATE	VIS	RVR RWY 28/10			RVR RWY 29/11			R/W CONDITION	
		TDZ	MID	END	TDZ	MID	END	28	29
01:41	50	150	150	No Value	250	150	200		
02:00	<50	125	No Value	No Value	125	125	100		One or more RVR<125 m
02:30	<50	125	200	No Value	100	100	No Value		
03:30	<50	125	200	No Value	100	100	No Value		
04:30	<50	125	200	No Value	125	125	No Value		
05:30	<50	125	200	No Value	125	100	No Value		
06:30	<50	150	200	No Value	150	150	No Value		
07:30	<50	150	150	No Value	200	225	No Value		
08:30	50	150	200	No Value	150	175	No Value		
09:30	50	150	200	No Value	200	250	No Value		
10:30	150	275	300	No Value	325	375	No Value		
11:30	300	700	750	No Value	550	600	600		
12:30	450	900	1000	No Value	800	900	800		
13:30	600	1000	1000	No Value	1000	900	1000		
14:30	700	1000	1200	No Value	1000	1100	1000		
15:30	700	1400	1400	No Value	900	900	900		
16:30	700	1400	1400	No Value	1000	1000	1000		
17:30	600	1400	1400	No Value	1000	No Value	1200		
18:30	500	1200	1200	No Value	1200	No Value	1000		
19:30	350	800	1100	No Value	700	800	750		
20:30	<50	250	350	No Value	150	250	250		
21:30	<50	150	200	No Value	125	175	125		One or more RVR=125m
22:30	<50	175	200	150	150	150	150		
23:30	<50	200	125	125	150	175	125	One or more RVR=125m	
03rd Jan 10									
00:30	50	700	900	250	325	325	275		
01:30	100	900	1000	900	700	700	600		
02:30	200	1000	1100	No Value	700	700	700		

DATE	VIS	RVR RWY 28/10			RVR RWY 29/11			R/W CONDITION	
		TDZ	MID	END	TDZ	MID	END	28	29
03:30	250	1000	1200	No Value	800	900	600		
04:30	300	1100	1300	1400	1000	1000	800		
05:30	350	1500	1600	No Value	1100	1200	1000		
06:30	400	1800	>2000	No Value	1400	1500	1100		
07:30	500	1700	1800	No Value	1200	1400	1100		
08:30	600	1100	1100	No Value	900	900	900		
09:30	800	1200	1200	No Value	900	900	900		
10:30	700	1100	1100	No Value	900	900	900		
11:30	700	1300	1300	No Value	1000	1000	1000		
12:30	700	1200	1100	No Value	900	900	900		
13:30	700	1300	1300	No Value	1100	1000	1000		
14:30	700	1300	1400	No Value	1000	1000	1000		
15:21	800	>2000	>2000	No Value	1700	1600	1500		
16:21	1800	>2000	>2000	No Value	>2000	>2000	>2000		
17:30	2800	>2000	>2000	No Value	>2000	>2000	>2000		
18:30	1800	>2000	>2000	No Value	>2000	>2000	>2000		
19:30	1600	>2000	>2000	No Value	>2000	>2000	>2000		
20:21	1500	>2000	>2000	No Value	>2000	>2000	>2000		
21:30	500	>2000	>2000	No Value	1400	1300	1400		
22:21	350	1900	1900	No Value	1000	1000	900		
23:21	200	1500	1900	No Value	750	750	600		
04th Jan 10									
00:30	200	2000	>2000	No Value	800	750	600		
01:30	100	800	650	No Value	450	500	450		
02:30	300	1900	1900	No Value	1100	1300	1000		
03:30	700	>2000	>2000	No Value	>2000	>2000	>2000		
04:30	900	>2000	>2000	No Value	>2000	>2000	>2000		
05:30	1000	>2000	>2000	No Value	>2000	>2000	>2000		

DATE	VIS	RVR RWY 28/10			RVR RWY 29/11			R/W CONDITION	
		TDZ	MID	END	TDZ	MID	END	28	29
06:21	1500	>2000	>2000	No Value	>2000	>2000	>2000		
07:30	1700	>2000	>2000	No Value	>2000	>2000	>2000		
08:21	1200	>2000	>2000	No Value	1600	1700	1600		
09:30	1400	>2000	>2000	No Value	1800	1800	1800		
10:30	1800	>2000	>2000	No Value	>2000	>2000	>2000		
11:30	2000	>2000	>2000	No Value	>2000	>2000	>2000		
12:30	2000	>2000	>2000	No Value	>2000	>2000	>2000		
13:30	2500	>2000	>2000	No Value	>2000	>2000	>2000		
14:30	2500	>2000	>2000	No Value	>2000	>2000	>2000		
15:30	2500	>2000	>2000	No Value	>2000	>2000	>2000		
16:30	2500	>2000	>2000	No Value	>2000	>2000	>2000		
17:30	2800	>2000	>2000	No Value	>2000	>2000	>2000		
18:30	2500	>2000	>2000	No Value	>2000	>2000	>2000		
19:30	2300	>2000	>2000	No Value	>2000	>2000	>2000		
20:30	1800	>2000	>2000	No Value	>2000	>2000	>2000		
21:30	1600	>2000	>2000	No Value	1600	1800	1800		
22:21	500	>2000	>2000	No Value	800	700	700		
23:00	200	1500	1300	No Value	800	800	600		
23:30	150	1400	1600	No Value	600	600	500		
05th Jan 10									
00:30	200	>2000	>2000	No Value	800	700	700		
01:30	200	1800	1600	No Value	800	800	800		
02:30	200	1600	1500	No Value	800	800	800		
03:30	300	>2000	>2000	No Value	1400	1700	1300		
04:30	400	>2000	>2000	No Value	1300	1300	1200		
05:30	500	>2000	>2000	No Value	1200	1200	1200		
06:30	400	>2000	>2000	No Value	1300	1500	1300		
07:30	600	>2000	>2000	No Value	1800	1700	1700		

DATE	VIS	RVR RWY 28/10			RVR RWY 29/11			R/W CONDITION	
		TDZ	MID	END	TDZ	MID	END	28	29
08:30	700	>2000	>2000	No Value	1200	1100	1900		
09:30	900	2000	1900	No Value	1200	1200	1200		
10:30	1100	>2000	>2000	No Value	1600	1200	1200		
11:30	1400	>2000	>2000	No Value	1900	1600	1600		
12:30	2200	>2000	>2000	>2000	>2000	>2000	>2000		
13:30	2800	>2000	>2000	>2000	>2000	>2000	>2000		
14:30	4500	>2000	>2000	>2000	>2000	>2000	>2000		
15:30	4500	>2000	>2000	>2000	>2000	>2000	>2000		
16:30	4500	>2000	>2000	>2000	>2000	>2000	>2000		
17:30	3500	>2000	>2000	>2000	>2000	>2000	>2000		
18:30	2000	>2000	>2000	>2000	>2000	>2000	>2000		
19:30	1100	>2000	>2000	>2000	>2000	>2000	1700		
20:21	700	>2000	>2000	>2000	1300	1600	1700		
21:30	300	>2000	>2000	>2000	1600	800	1000		
22:30	200	1300	1600	1800	600	800	750		
23:30	200	>2000	>2000	>2000	1800	1400	1200		
06th Jan 10									
00:30	200	1900	2000	1800	1700	1200	700		
01:30	300	1600	1600	1700	1000	1000	1000		
02:30	100	1500	1400	2000	600	900	600		
03:30	100	1500	1600	1700	750	250	250		
04:30	100	1900	1700	1400	700	650	450		
05:00	<50	600	450	225	200	225	200		
05:30	50	675	575	575	200	325	200		
06:00	50	850	900	900	250	350	350		
06:30	100	1150	800	1100	500	500	375		
07:00	100	1100	900	1100	900	900	550		
07:30	100	950	950	950	850	750	650		

DATE	VIS	RVR RWY 28/10			RVR RWY 29/11			R/W CONDITION	
		TDZ	MID	END	TDZ	MID	END	28	29
08:00	250	1050	1400	1050	900	800	750		
08:30	400	1200	1300	1000	900	800	800		
09:00	400	900	900	900	1000	900	800		
09:30	400	900	900	900	500	600	650		
10:00	400	900	1000	900	1000	900	800		
10:30	900	1800	2000	>2000	1600	1400	1100		
11:30	1600	>2000	>2000	>2000	>2000	>2000	>2000		
12:30	1800	>2000	>2000	>2000	>2000	>2000	1900		
13:30	2300	>2000	>2000	>2000	>2000	>2000	>2000		
14:30	1700	2000	>2000	1700	>2000	>2000	>2000		
15:21	800	1200	1500	2000	1400	>2000	>2000		
16:30	700	1300	1300	1300	1200	1100	1200		
17:30	700	1500	1600	1600	1800	1200	1200		
18:30	700	>2000	>2000	>2000	>2000	1900	1400		
19:30	500	>2000	>2000	1900	>2000	1300	1000		
20:30	400	1600	1700	1700	1800	1200	1000		
21:21	300	1300	1300	900	1000	1000	800		
22:30	150	1200	1000	650	800	350	350		
23:30	<50	900	100	50	<50	<50	<50	One or more RVR<125 m	One or more RVR<125 m
07th Jan 10									
00:30	<50	75	50	50	50	50	50	One or more RVR<125 m	One or more RVR<125 m
01:30	<50	50	50	75	50	50	50	One or more RVR<125 m	One or more RVR<125 m
02:30	<50	100	200	150	50	50	50	One or more RVR<125 m	One or more RVR<125 m
03:30	<50	150	400	650	125	125	125		One or more RVR=125m
04:30	<50	300	300	600	225	175	125		One or more RVR=125m
05:10	<50	125	125	125	130	140	130	One or more RVR=125	
05:35	<50	150	150	150	150	150	150		
06:10	<50	200	175	175	160	170	170		

DATE	VIS	RVR RWY 28/10			RVR RWY 29/11			R/W CONDITION	
		TDZ	MID	END	TDZ	MID	END	28	29
06:34	<50	175	175	175	160	170	180		
07:08	<50	200	225	175	175	200	225		
07:39	<50	175	175	175	165	200	170		
08:05	<50	200	175	150	150	150	150		
08:40	<50	200	150	150	160	160	175		
09:00	<50	175	175	200	150	150	250		
09:30	400	900	900	900	1100	1000	900		
10:30	500	1000	1000	1100	1000	900	800		
11:30	700	1200	1200	1200	1100	1000	900		
12:30	700	1000	1000	1000	1200	1000	1000		
13:30	700	1700	1900	900	1000	800	800		
14:21	800	1500	1600	1700	>2000	1300	1200		
15:30	600	1800	1300	1300	1200	900	900		
16:30	700	1600	2000	1800	1700	1300	1200		
17:30	800	>2000	>2000	2000	>2000	1400	1300		
18:30	700	>2000	>2000	>2000	>2000	>2000	1500		
19:30	500	2000	>2000	1900	1700	1500	1500		
20:30	400	2000	>2000	1600	1600	1600	1600		
21:30	200	1900	1400	900	1200	1300	900		
22:30	<50	1100	600	250	200	350	50		One or more RVR<125 m
23:30	<50	1000	400	800	50	75	50		One or more RVR<125 m
08th Jan 10									
00:30	<50	100	125	125	75	75	75	One or more RVR<125 m	One or more RVR<125 m
01:30	<50	100	100	100	75	75	100	One or more RVR<125 m	One or more RVR<125 m
02:30	<50	125	125	125	100	100	100	One or more RVR=125m	One or more RVR<125 m
03:30	<50	125	125	125	100	100	100	One or more RVR=125m	One or more RVR<125 m
04:30	<50	125	125	125	125	125	125	One or more RVR=125m	One or more RVR=125m
05:30	<50	150	150	150	125	150	150		One or more RVR=125m

DATE	VIS	RVR RWY 28/10			RVR RWY 29/11			R/W CONDITION	
		TDZ	MID	END	TDZ	MID	END	28	29
09:21	3000	>2000	>2000	>2000	>2000	>2000	>2000		
10:30	3000	>2000	>2000	>2000	>2000	>2000	>2000		
11:30	3000	>2000	>2000	>2000	>2000	>2000	>2000		
12:30	2500	>2000	>2000	>2000	>2000	>2000	>2000		
13:30	2500	>2000	>2000	>2000	>2000	>2000	>2000		
14:30	2800	>2000	>2000	>2000	>2000	>2000	>2000		
15:30	3100	>2000	>2000	>2000	>2000	>2000	>2000		
16:21	1400	>2000	>2000	>2000	>2000	1700	>2000		
17:30	1200	>2000	>2000	>2000	>2000	1800	>2000		
18:30	1100	>2000	>2000	>2000	>2000	>2000	>2000		
19:30	1000	>2000	>2000	>2000	>2000	>2000	>2000		
20:30	1200	>2000	>2000	>2000	>2000	>2000	>2000		
21:30	1200	>2000	>2000	>2000	>2000	>2000	>2000		
22:30	1700	>2000	>2000	>2000	>2000	>2000	>2000		
23:30	1000	>2000	>2000	>2000	>2000	>2000	>2000		
10th Jan 10									
00:30	800	>2000	>2000	>2000	>2000	>2000	1600		
01:30	600	>2000	>2000	>2000	1900	1700	1400		
02:30	350	1500	1900	1900	1100	1400	1200		
03:30	250	>2000	>2000	>2000	900	1100	1100		
04:30	350	1800	>2000	>2000	1400	1100	1300		
05:00	250	>2000	>2000	>2000	1200	1200	1300		
05:30	500	>2000	>2000	>2000	1450	1500	1350		
06:00	500	>2000	>2000	>2000	1000	1250	1500		
06:30	500	>2000	>2000	>2000	1400	1250	1350		
07:00	500	>2000	>2000	>2000	1700	1400	1650		
07:30	500	>2000	>2000	>2000	1400	1600	1900		
08:00	600	2000	2000	2000	1400	2000	2000		

DATE	VIS	RVR RWY 28/10			RVR RWY 29/11			R/W CONDITION	
		TDZ	MID	END	TDZ	MID	END	28	29
08:30	600	2000	2000	1700	1400	1500	1400		
09:00	800	2000	2000	2000	1500	1400	1400		
09:18	800	2000	2000	2000	1500	1400	1400		
09:30	1000	>2000	>2000	>2000	1500	1700	1600		
10:30	1500	>2000	>2000	>2000	2000	1600	1600		
11:30	1500	>2000	>2000	>2000	2000	1800	1800		
12:30	1600	>2000	>2000	>2000	>2000	1800	1800		
13:30	1600	>2000	>2000	>2000	>2000	1800	1800		
14:30	1800	>2000	>2000	>2000	>2000	>2000	>2000		
15:30	1800	>2000	>2000	>2000	>2000	>2000	>2000		
16:30	1800	>2000	>2000	>2000	>2000	>2000	>2000		
17:30	1700	>2000	>2000	>2000	>2000	>2000	>2000		
18:30	1700	>2000	>2000	>2000	>2000	>2000	>2000		
19:30	1600	>2000	>2000	>2000	>2000	>2000	>2000		
20:30	1500	>2000	>2000	>2000	>2000	>2000	>2000		
21:30	1500	>2000	>2000	>2000	>2000	>2000	>2000		
22:30	1500	>2000	>2000	>2000	>2000	>2000	>2000		
23:30	1500	>2000	>2000	>2000	>2000	>2000	>2000		
11th Jan 10									
00:30	1500	>2000	>2000	>2000	>2000	>2000	>2000		
01:30	1800	>2000	>2000	>2000	>2000	>2000	>2000		
02:30	1800	>2000	>2000	>2000	>2000	>2000	>2000		
03:30	1800	>2000	>2000	>2000	>2000	>2000	>2000		
04:30	1600	>2000	>2000	>2000	>2000	>2000	>2000		
05:21	1500	>2000	>2000	>2000	>2000	>2000	>2000		
06:30	1300	>2000	>2000	>2000	>2000	>2000	>2000		
07:30	1100	>2000	>2000	>2000	>2000	>2000	>2000		
08:30	1100	>2000	>2000	>2000	1800	1700	1700		

DATE	VIS	RVR RWY 28/10			RVR RWY 29/11			R/W CONDITION	
		TDZ	MID	END	TDZ	MID	END	28	29
09:30	1300	2000	2000	2000	1600	1500	1600		
10:21	1500	2000	2000	2000	1800	1700	1800		
11:30	2500	>2000	>2000	>2000	>2000	>2000	>2000		
12:30	2800	>2000	>2000	>2000	>2000	>2000	>2000		
13:30	3200	>2000	>2000	>2000	>2000	>2000	>2000		
14:30	3500	>2000	>2000	>2000	>2000	>2000	>2000		
15:30	3500	>2000	>2000	>2000	>2000	>2000	>2000		
16:30	3200	>2000	>2000	>2000	>2000	>2000	>2000		
17:30	2000	>2000	>2000	>2000	>2000	>2000	>2000		
18:30	1700	>2000	>2000	>2000	>2000	>2000	>2000		
19:21	1500	>2000	>2000	>2000	>2000	>2000	>2000		
20:30	1200	>2000	>2000	>2000	>2000	>2000	>2000		
21:21	800	>2000	>2000	>2000	>2000	1900	>2000		
22:30	600	>2000	>2000	>2000	1700	1600	1500		
23:30	600	>2000	>2000	>2000	1400	1900	1700		
12th Jan 10									
00:30	500	>2000	>2000	>2000	>2000	>2000	>2000		
01:21	1000	>2000	>2000	>2000	>2000	>2000	>2000		
02:30	1000	>2000	>2000	>2000	>2000	>2000	>2000		
03:30	1100	>2000	>2000	>2000	>2000	>2000	>2000		
04:30	1200	>2000	>2000	>2000	>2000	>2000	>2000		
05:30	1200	>2000	>2000	>2000	>2000	>2000	>2000		
06:30	1200	>2000	>2000	>2000	>2000	>2000	>2000		
07:30	1200	>2000	>2000	>2000	>2000	>2000	>2000		
08:30	1200	>2000	>2000	>2000	>2000	>2000	>2000		
09:30	1200	2000	2000	2000	1600	1300	1600		
10:30	1200	1900	1900	1800	1400	1200	1200		
11:30	1000	1500	1400	1600	1200	1200	1100		

DATE	VIS	RVR RWY 28/10			RVR RWY 29/11			R/W CONDITION	
		TDZ	MID	END	TDZ	MID	END	28	29
12:30	1000	1400	1600	1700	1200	1100	1200		
13:30	1200	1600	1800	1700	1400	1200	1200		
14:30	1300	1700	2000	2000	1500	1300	1500		
15:30	1300	1600	1700	1800	1700	1400	1600		
16:30	1200	1500	1700	1600	1300	1200	1300		
17:30	900	1600	1700	1800	1400	1200	1300		
18:30	700	>2000	>2000	>2000	1800	1200	1600		
19:30	600	>2000	>2000	>2000	1600	1500	1600		
20:30	600	>2000	>2000	>2000	1700	1600	1800		
21:30	600	>2000	>2000	>2000	1700	1600	1700		
22:30	700	>2000	>2000	>2000	1900	1900	1900		
23:30	700	>2000	>2000	>2000	1600	1500	1600		
13th Jan 10									
00:30	600	>2000	>2000	>2000	1700	1700	1700		
01:30	600	2000	2000	2000	1500	1600	1500		
02:30	600	>2000	>2000	>2000	1800	1600	1500		
03:30	600	>2000	>2000	>2000	1600	1600	1600		
04:30	600	>2000	>2000	>2000	1700	1600	1700		
05:00	600	>2000	>2000	>2000	1900	1750	>2000		
05:30	700	2000	>2000	>2000	1800	1800	1850		
06:00	600	2000	>2000	>2000	1550	1550	1600		
06:30	600	>2000	>2000	>2000	1650	1550	1650		
07:00	600	>2000	>2000	>2000	1700	1650	1650		
07:30	600	1100	1400	1600	900	1300	1400		
07:30	600	1100	1400	1600	900	1300	1400		
08:00	500	1300	1300	1300	1000	950	1650		
08:00	500	1300	1300	1300	1000	950	1650		
08:30	500	1000	1300	1300	1000	950	1675		

DATE	VIS	RVR RWY 28/10			RVR RWY 29/11			R/W CONDITION	
		TDZ	MID	END	TDZ	MID	END	28	29
09:00	500	1100	1100	1000	1000	1000	957		
09:30	600	1100	1100	1000	950	1000	950		
10:00	600	1000	1100	1100	950	950	875		
10:30	700	1100	1100	1100	900	900	900		
11:30	1000	1600	1400	1500	1200	1100	1100		
12:30	1000	1500	1500	1400	1100	1100	1100		
13:30	1300	>2000	>2000	1800	1400	1400	1400		
14:30	1000	1700	1700	1600	1100	1100	1100		
15:30	1200	2000	2000	2000	2000	1400	1400		
16:21	700	1500	1400	1700	1100	1000	1000		
17:30	700	1600	1600	1500	1200	1100	1100		
18:30	500	>2000	>2000	>2000	1400	1200	1200		
19:30	300	1200	2000	1400	900	1000	1100		
20:30	200	1200	1600	1200	800	800	800		
21:30	150	850	1150	1050	450	500	500		
22:30	<50	200	650	100	75	75	75	One or more RVR<125 m	One or more RVR<125 m
23:30	<50	125	125	100	100	100	100	One or more RVR<125 m	One or more RVR<125 m
14th Jan 10									
00:30	<50	125	125	100	100	100	75	One or more RVR<125 m	One or more RVR<125 m
01:30	<50	125	150	125	125	100	100	One or more RVR=125m	One or more RVR<125 m
02:30	<50	150	150	125	125	125	100	One or more RVR=125m	One or more RVR<125 m
03:30	<50	150	175	125	150	150	100	One or more RVR=125m	One or more RVR<125 m
04:30	<50	175	200	175	150	150	150		
05:00	<50	175	200	150	200	200	175		
05:30	<50	325	300	250	200	200	175		
06:00	<50	300	250	250	225	250	250		
06:30	<50	300	300	250	225	300	200		
07:00	<50	350	250	250	200	225	200		

DATE	VIS	RVR RWY 28/10			RVR RWY 29/11			R/W CONDITION	
		TDZ	MID	END	TDZ	MID	END	28	29
07:30	<50	500	250	250	175	225	200		
08:00	50	225	250	200	180	210	210		
08:30	50	250	225	750	325	325	325		
09:00	50	750	400	400	350	325	275		
09:30	100	800	600	500	275	300	500		
10:00	250	900	900	650	550	700	800		
10:30	350	1000	1100	900	550	800	900		
11:30	800	1300	1300	1300	1200	1100	1100		
12:30	900	1900	1900	2000	1100	1100	1200		
13:30	1500	>2000	>2000	>2000	>2000	>2000	>2000		
14:30	2200	>2000	>2000	>2000	>2000	>2000	>2000		
15:30	2800	>2000	>2000	>2000	>2000	>2000	>2000		
16:30	3000	>2000	>2000	>2000	>2000	>2000	>2000		
17:30	3000	>2000	>2000	>2000	>2000	>2000	>2000		
18:30	1000	>2000	>2000	>2000	>2000	>2000	1800		
19:30	600	>2000	>2000	2000	1700	1300	1300		
20:30	500	1700	2000	1800	1200	1200	1200		
21:30	400	>2000	>2000	>2000	1400	1300	1400		
22:30	400	>2000	>2000	>2000	1100	1800	1700		
23:30	400	1600	1900	1600	1200	1200	1200		
15th Jan 10									
00:30	250	1600	1400	1100	900	800	900		
01:30	50	1100	1200	900	300	300	200		
02:30	100	700	1300	800	400	600	600		
03:30	<50	275	275	150	200	200	175		
04:30	<50	400	800	350	125	125	175		One or more RVR=125m
05:05	<50	1100	1000	400	175	175	150		
05:20	<50	275	900	375	175	175	150		

DATE	VIS	RVR RWY 28/10			RVR RWY 29/11			R/W CONDITION	
		TDZ	MID	END	TDZ	MID	END	28	29
05:35	<50	350	900	450	150	150	125		One or more RVR=125m
06:07	<50	200	500	500	150	175	125		One or more RVR=125m
06:14	<50	200	500	500	200	150	150		
06:35	<50	275	600	150	150	150	125		One or more RVR=125m
07:10	<50	225	325	225	250	250	200		
07:39	<50	375	225	125	225	200	300	One or more RVR=125m	
08:00	50	200	250	175	300	350	550		
08:30	50	300	300	200	550	600	1100		
09:00	100	700	675	400	600	650	1100		
09:30	250	800	800	700	850	900	800		
10:00	500	1000	1000	800	1200	1000	1150		
10:21	800	1300	1300	1100	1300	1100	1100		
11:21	1500	>2000	2000	>2000	1900	1700	1500		
12:30	2500	>2000	>2000	>2000	>2000	>2000	>2000		
13:30	2700	>2000	>2000	>2000	>2000	>2000	>2000		
14:30	2100	>2000	>2000	>2000	>2000	>2000	>2000		
15:30	1900	>2000	>2000	>2000	>2000	>2000	>2000		
16:30	1800	>2000	>2000	>2000	>2000	1800	>2000		
17:21	1300	>2000	>2000	>2000	1900	1700	1700		
18:30	900	>2000	>2000	>2000	1800	1700	1300		
19:30	450	>2000	>2000	1800	1400	1400	1000		
20:30	300	2000	2000	1500	1000	1000	900		
21:30	200	1300	1400	1500	700	800	900		
22:30	150	1400	1400	1400	600	500	450		
23:30	300	>2000	>2000	>2000	1000	1200	1100		
16th Jan 10									
00:30	200	>2000	>2000	>2000	800	500	500		
01:30	200	1600	1900	1500	1000	1200	1300		

DATE	VIS	RVR RWY 28/10			RVR RWY 29/11			R/W CONDITION	
		TDZ	MID	END	TDZ	MID	END	28	29
02:30	100	1100	1100	900	700	1100	1200		
03:30	100	500	800	700	700	900	1000		
04:30	<50	600	600	100	100	100	100		
05:00	25	500	125	100	No Value	No Value	No Value	One or more RVR<125 m	
05:26	25	100	100	100	100	125	125	One or more RVR<125 m	One or more RVR<125 m
06:00	25	75	75	75	150	250	225	One or more RVR<125 m	
06:30	50	75	375	225	250	1800	2000	One or more RVR<125 m	
07:00	50	1500	1800	100	1000	1200	1500	One or more RVR<125 m	
07:30	50	650	250	75	400	650	1200	One or more RVR<125 m	
08:00	50	500	650	400	400	550	1100		
08:30	150	500	700	600	400	425	450		
09:00	200	500	700	600	400	450	475		
09:30	250	600	700	650	600	650	550		
10:00	400	800	800	750	875	875	850		
10:30	700	1100	1000	1100	1000	900	900		
11:30	1400	>2000	>2000	>2000	>2000	1500	1600		
12:30	2500	>2000	>2000	>2000	>2000	>2000	>2000		
13:30	3000	>2000	>2000	>2000	>2000	>2000	>2000		
14:30	3500	>2000	>2000	>2000	>2000	>2000	>2000		
15:30	4000	>2000	>2000	>2000	>2000	>2000	>2000		
16:30	4000	>2000	>2000	>2000	>2000	>2000	>2000		
17:30	3500	>2000	>2000	>2000	>2000	>2000	>2000		
18:21	2400	>2000	>2000	>2000	>2000	>2000	>2000		
19:21	1500	>2000	>2000	>2000	>2000	>2000	>2000		
20:30	1000	>2000	>2000	>2000	1800	>2000	>2000		
21:30	900	>2000	>2000	>2000	1600	>2000	1200		
22:30	700	>2000	>2000	>2000	1700	1000	1400		
23:30	600	>2000	>2000	>2000	1700	1000	1400		

DATE	VIS	RVR RWY 28/10			RVR RWY 29/11			R/W CONDITION	
		TDZ	MID	END	TDZ	MID	END	28	29
17th Jan 10									
00:30	600	>2000	>2000	>2000	1600	900	800		
01:30	400	1300	1600	1700	1200	1200	1300		
02:30	200	1300	1300	1200	900	900	250		
03:30	<50	100	100	100	75	75	75	One or more RVR<125 m	One or more RVR<125 m
04:30	<50	125	125	100	100	100	100	One or more RVR<125 m	One or more RVR<125 m
05:00	<50	150	125	125	100	100	100	One or more RVR=125m	One or more RVR<125 m
05:30	<50	150	175	125	100	100	100	One or more RVR=125m	One or more RVR<125 m
06:00	<50	150	175	150	100	150	150		One or more RVR<125 m
06:30	<50	150	175	150	100	100	100		One or more RVR<125 m
07:00	<50	250	175	150	150	150	150		
07:30	<50	125	150	125	100	150	100	One or more RVR=125m	One or more RVR<125 m
08:00	<50	125	150	150	125	125	125	One or more RVR=125m	One or more RVR=125m
08:35	<50	150	150	150	150	150	150		
09:05	<50	150	150	150	150	150	150		
09:35	<50	150	225	150	125	175	150		One or more RVR=125m
10:08	50	150	300	225	150	175	175		
10:30	50	200	350	300	200	200	250		
11:30	300	700	800	700	400	500	400		
12:30	600	1000	1000	1000	800	800	800		
13:21	800	1200	1200	1200	1000	1100	1000		
14:30	1000	1400	1600	1500	1100	1200	1200		
15:30	1200	1500	1600	1700	1400	1300	1400		
16:30	1000	1400	1500	1500	1300	1300	1300		
17:21	800	1500	1500	1600	1400	1300	1300		
18:30	500	1800	>2000	>2000	1100	800	1100		
19:30	150	900	800	1200	500	500	500		
20:30	250	900	1000	900	900	900	900		

DATE	VIS	RVR RWY 28/10			RVR RWY 29/11			R/W CONDITION	
		TDZ	MID	END	TDZ	MID	END	28	29
21:30	350	1400	1600	1500	1000	1000	1000		
22:30	350	1500	1700	1600	1200	1100	1100		
23:30	400	1800	1800	1800	1300	1300	1300		
18th Jan 10									
00:30	400	1700	1800	1900	1300	1200	1300		
01:30	450	2000	1900	2999	1500	1400	1400		
02:30	500	>2000	>2000	>2000	1600	1500	1500		
03:30	700	>2000	>2000	>2000	>2000	1900	1900		
04:30	700	>2000	>2000	>2000	1900	1800	1800		
07:30	600	1300	1600	1700	1300	1600	1800		
08:00	600	1400	1400	1400	1225	1175	1225		
08:30	600	1400	1400	1400	1200	1200	1200		
09:00	700	1500	1400	1300	1200	1100	1100		
09:30	800	1600	1400	1400	1100	1200	1200		
10:00	900	1600	1500	1400	1100	1100	1100		
10:30	900	1900	1400	1300	1200	1100	1100		
11:30	1100	1700	1700	1500	1500	1300	1400		
12:30	1300	>2000	1800	1700	1800	1800	1600		
13:30	1500	>2000	>2000	>2000	>2000	1900	>2000		
14:30	1500	>2000	>2000	>2000	>2000	>2000	>2000		
15:30	1700	>2000	>2000	>2000	>2000	>2000	>2000		
16:30	1800	1800	1700	1700	>2000	>2000	>2000		
17:30	1100	1800	1800	1800	1800	1700	1800		
18:30	900	>2000	>2000	>2000	>2000	>2000	1700		
19:21	800	>2000	>2000	>2000	>2000	>2000	1900		
20:30	700	>2000	>2000	>2000	>2000	1900	1800		
21:30	600	>2000	>2000	>2000	1800	1900	1900		
22:30	500	1800	2000	1800	1800	1700	1800		

DATE	VIS	RVR RWY 28/10			RVR RWY 29/11			R/W CONDITION	
		TDZ	MID	END	TDZ	MID	END	28	29
23:21	50	900	700	275	900	800	700		
19th Jan 10									
00:30	<50	250	200	150	225	175	150		
01:30	<50	150	150	150	150	150	150		
02:30	<50	175	150	150	125	150	150		One or more RVR=125m
03:30	<50	150	175	200	100	100	125		One or more RVR<125 m
04:30	<50	350	700	650	200	225	150		
05:00	100	1200	1100	1400	850	1150	1050		
05:30	200	1600	1600	1400	1050	1150	1150		
06:00	200	1400	1400	1200	1050	700	450		
06:30	200	1400	1500	1400	450	600	400		
07:00	200	1400	1500	1300	350	450	450		
07:30	200	950	700	800	350	350	450		
08:00	150	1000	800	800	325	275	400		
08:36	150	1000	1100	800	400	475	375		
09:03	200	1000	1100	1100	650	675	475		
09:33	400	1200	1300	1200	850	775	775		
10:10	600	1400	1300	1200	1000	1100	925		
10:21	800	1400	1500	1600	1300	1200	1200		
11:25	1500	1700	1600	1700	1500	1500	1500		
12:30	1700	>2000	>2000	>2000	1900	1800	1800		
13:30	1800	>2000	>2000	>2000	>2000	>2000	>2000		
14:30	2300	>2000	>2000	>2000	>2000	>2000	>2000		
15:30	1800	>2000	>2000	>2000	>2000	1800	>2000		
16:30	1800	>2000	>2000	>2000	>2000	1900	>2000		
17:30	2000	>2000	>2000	>2000	>2000	>2000	>2000		
18:21	1300	>2000	>2000	>2000	>2000	>2000	>2000		
19:30	900	>2000	>2000	>2000	>2000	>2000	1800		

DATE	VIS	RVR RWY 28/10			RVR RWY 29/11			R/W CONDITION	
		TDZ	MID	END	TDZ	MID	END	28	29
20:30	700	>2000	>2000	>2000	>2000	1600	1900		
21:30	600	>2000	>2000	2000	1700	1400	1500		
22:30	300	>2000	>2000	1900	900	900	1300		
23:30	200	1500	1700	1600	450	550	1100		
20th Jan 10									
00:30	100	1100	1400	1500	175	400	750		
01:30	<50	1000	1300	1000	75	100	100		One or more RVR<125 m
02:30	<50	50	75	1500	100	100	100	One or more RVR<125 m	One or more RVR<125 m
03:30	<50	100	125	150	100	75	75	One or more RVR<125 m	One or more RVR<125 m
04:30	<50	75	100	100	100	75	100	One or more RVR<125 m	One or more RVR<125 m
05:00	50	100	125	125	75	75	100	One or more RVR<125 m	One or more RVR<125 m
05:30	25	75	125	125	75	100	75	One or more RVR<125 m	One or more RVR<125 m
06:00	25	125	200	200	75	75	75	One or more RVR=125m	One or more RVR<125 m
06:30	25	200	125	150	100	100	125	One or more RVR=125m	One or more RVR<125 m
07:00	25	100	100	100	100	125	125	One or more RVR<125 m	One or more RVR<125 m
07:30	25	100	100	100	75	75	125	One or more RVR<125 m	One or more RVR<125 m
08:00	25	100	75	100	75	75	75	One or more RVR<125 m	One or more RVR<125 m
08:35	<50	175	175	125	100	100	100	One or more RVR=125m	One or more RVR<125 m
09:10	<50	200	175	175	100	100	100		One or more RVR<125 m
09:35	<50	200	200	175	250	150	175		
10:05	100	525	525	575	450	625	575		
10:30	300	700	800	800	600	600	600		
11:30	700	1200	1200	1200	1000	1000	900		
12:30	1000	1400	1500	1000	1200	1100	1100		
13:30	1200	1600	1600	1700	1500	1400	1200		
14:30	1500	1700	1700	1900	1700	1600	1500		
15:30	1600	1800	>2000	>2000	>2000	1900	1600		
16:30	1300	1600	1600	1600	1400	1200	>2000		

DATE	VIS	RVR RWY 28/10			RVR RWY 29/11			R/W CONDITION	
		TDZ	MID	END	TDZ	MID	END	28	29
17:30	1200	>2000	>2000	>2000	1800	1700	1600		
18:30	800	>2000	>2000	>2000	1800	1700	1400		
19:30	400	1400	1700	1600	1200	1200	1200		
20:30	300	1500	1400	1700	1000	900	1100		
21:30	<50	125	300	350	100	175	150	One or more RVR=125m	One or more RVR<125 m
22:30	<50	125	225	125	125	200	150	One or more RVR=125m	One or more RVR=125m
23:30	<50	125	150	150	100	150	100	One or more RVR=125m	One or more RVR<125 m
21st Jan 10									
00:30	<50	125	150	125	125	100	125		One or more RVR<125 m
01:30	<50	175	275	200	125	125	125	One or more RVR=125m	
02:30	<50	150	200	175	125	125	125	One or more RVR=125m	
03:30	<50	25	45	175	125	125	100	One or more RVR<125 m	One or more RVR<125 m
04:30	<50	175	175	175	100	No Value	125		
05:00	25	175	175	175	150	No Value	150		
05:30	25	150	150	200	150	No Value	125		
06:00	25	150	150	200	125	125	125		One or more RVR=125m
06:30	25	125	150	150	125	125	125	One or more RVR=125m	One or more RVR=125m
07:00	25	150	150	175	100	125	150	One or more RVR<125 m	One or more RVR<125 m
07:30	25	175	125	150	100	100	100	One or more RVR<125 m	One or more RVR<125 m
08:00	25	150	150	125	125	150	150	One or more RVR=125m	One or more RVR=125m
08:30	<50	125	125	100	100	100	100	One or more RVR<125 m	One or more RVR<125 m
09:00	<50	125	125	100	100	100	125	One or more RVR<125 m	One or more RVR<125 m
09:30	<50	125	125	125	125	118	118	One or more RVR=125m	One or more RVR<125 m
10:15	50	175	225	170	150	135	125		One or more RVR=125m
10:30	<50	200	1750	175	125	150	100		
11:30	200	600	1000	600	500	400	500		
12:21	800	1600	1600	1400	1100	900	900		
13:21	1500	>2000	>2000	>2000	>2000	1600	1600		

DATE	VIS	RVR RWY 28/10			RVR RWY 29/11			R/W CONDITION	
		TDZ	MID	END	TDZ	MID	END	28	29
14:30	1300	1900	1900	1600	1500	1300	1500		
15:30	1300	1900	2000	2000	>2000	1500	1600		
16:30	1500	2000	>2000	2000	>2000	1800	>2000		
17:30	1500	>2000	>2000	>2000	>2000	>2000	>2000		
18:30	1100	>2000	>2000	>2000	>2000	>2000	>2000		
19:30	800	>2000	>2000	>2000	>2000	>2000	>2000		
20:30	600	>2000	>2000	>2000	>2000	1700	1700		
21:30	500	1800	1800	1800	>2000	1800	1800		
22:30	400	1600	1500	1200	1400	1200	1200		
23:30	200	1400	1300	1200	800	700	800		
22nd Jan 10									
00:30	150	1100	1100	1100	800	600	700		
01:30	100	800	1100	1100	600	400	500		
02:30	<50	900	1000	1000	500	400	100		
03:30	<50	300	1000	75	50	200	125	One or more RVR<125 m	One or more RVR<125 m
04:30	<50	100	100	100	50	50	50	One or more RVR<125 m	One or more RVR<125 m
05:00	<50	100	100	100	50	50	50	One or more RVR<125 m	One or more RVR<125 m
05:30	<50	175	250	175	100	100	50	One or more RVR=125m	One or more RVR<125 m
06:05	<50	125	125	100	75	75	75	One or more RVR<125 m	One or more RVR<125 m
06:30	<50	100	100	100	50	50	50	One or more RVR<125 m	One or more RVR<125 m
07:00	<50	100	100	100	50	50	50	One or more RVR<125 m	One or more RVR<125 m
07:30	<50	75	100	100	75	75	100	One or more RVR<125 m	One or more RVR<125 m
08:00	<50	100	100	75	100	50	50	One or more RVR<125 m	One or more RVR<125 m
08:37	<50	150	200	250	150	125	125		One or more RVR=125m
09:09	50	175	400	575	200	225	275		
09:36	100	300	550	650	300	275	400		
10:06	250	675	775	700	550	550	500		
10:30	350	800	800	800	550	600	650		

DATE	VIS	RVR RWY 28/10			RVR RWY 29/11			R/W CONDITION	
		TDZ	MID	END	TDZ	MID	END	28	29
11:30	500	1000	1000	900	750	800	700		
12:21	800	1000	1100	1000	1000	1000	900		
13:30	1000	1200	1200	1200	1100	1100	1000		
14:30	1000	1200	1200	1200	1300	1200	1200		
15:30	900	1200	1200	1200	1200	1000	1100		
16:30	900	1400	1400	1300	1200	1100	1100		
17:30	900	1600	1600	1500	1800	1500	1500		
18:21	800	>2000	>2000	>2000	>2000	>2000	1800		
19:30	700	>2000	>2000	>2000	1800	1800	1800		
20:30	600	>2000	>2000	>2000	1800	1700	1700		
21:30	400	2000	>2000	>2000	1300	900	1100		
22:21	200	1900	>2000	>2000	600	500	700		
23:30	50	>2000	>2000	1300	100	100	900		One or more RVR<125 m
23rd Jan 10									
00:21	<50	125	150	100	No Value	100	100	One or more RVR<125 m	
01:30	<50	150	175	175	No Value	150	150		
02:30	<50	200	175	175	No Value	175	175		
03:30	<50	200	225	200	No Value	175	175		
04:30	<50	175	175	200	No Value	150	150		
05:00	<50	150	150	150	No data	200	160		
05:30	<50	150	150	150	No data	155	165		
06:00	<50	150	175	150	No data	165	155		
06:30	<50	175	175	150	No data	150	150		
06:48	<50	225	175	150	No data	140	150		
07:30	<50	100	150	100	No data	118	115	One or more RVR<125 m	
08:00	<50	100	150	100	No data	100	100	One or more RVR<125 m	
08:30	<50	125	125	100	No data	100	100	One or more RVR<125 m	
09:00	50	125	150	150	No data	150	145	One or more RVR=125m	

DATE	VIS	RVR RWY 28/10			RVR RWY 29/11			R/W CONDITION	
		TDZ	MID	END	TDZ	MID	END	28	29
09:30	100	200	275	225	No data	400	No data		
10:00	300	850	1050	900	No data	750	No data		
10:21	800	1200	1200	1300	1000	1000	1000		
11:21	1500	>2000	>2000	>2000	>2000	1500	1500		
12:30	1800	>2000	>2000	>2000	>2000	>2000	1800		
13:30	2300	>2000	>2000	>2000	>2000	>2000	>2000		
14:30	2500	>2000	>2000	>2000	>2000	>2000	>2000		
15:30	1300	1700	1700	1500	1400	1300	1400		
16:30	1300	1800	1700	1800	1600	1400	1400		
17:30	1300	>2000	>2000	>2000	>2000	>2000	>2000		
18:30	1200	>2000	>2000	>2000	>2000	>2000	>2000		
19:30	1000	>2000	>2000	>2000	>2000	>2000	>2000		
20:21	800	>2000	>2000	>2000	>2000	>2000	>2000		
21:30	500	>2000	>2000	>2000	1600	1500	1400		
22:30	400	>2000	>2000	>2000	1400	1000	1100		
23:30	400	>2000	>2000	>2000	1100	1000	1100		
24th Jan 10									
00:30	300	1500	>2000	>2000	1000	1500	1100		
01:30	300	1400	>2000	1800	1300	1100	1100		
02:30	350	>2000	>2000	>2000	1100	1100	1100		
03:30	250	1100	1800	>2000	600	600	1000		
05:06	<50	100	125	100	100	100	100	One or more RVR<125 m	One or more RVR<125 m
05:35	<50	100	125	100	100	100	100	One or more RVR<125 m	One or more RVR<125 m
06:12	<50	125	125	100	150	150	150	One or more RVR<125 m	
06:35	<50	100	100	125	150	150	150	One or more RVR<125 m	
07:12	<50	125	175	125	150	150	150	One or more RVR=125m	
07:38	<50	175	175	125	100	100	125	One or more RVR=125m	One or more RVR<125 m
08:00	<50	150	150	150	300	150	150		

DATE	VIS	RVR RWY 28/10			RVR RWY 29/11			R/W CONDITION	
		TDZ	MID	END	TDZ	MID	END	28	29
08:30	100	350	400	250	450	250	250		
09:00	300	900	1100	700	950	950	900		
09:25	300	900	1800	1900	>2000	1600	1900		
10:00	700	No data	>2000	>2000	>2000	>2000	>2000		
10:30	2100	No Value	No Value	No Value	No Value	No Value	No Value		
11:21	3500	No Value	No Value	No Value	No Value	No Value	No Value		
12:21	5000	No Value	No Value	No Value	No Value	No Value	No Value		
13:30	6000	No Value	No Value	No Value	No Value	No Value	No Value		
14:30	3000	No Value	No Value	No Value	No Value	No Value	No Value		
15:30	3000	No Value	No Value	No Value	No Value	No Value	No Value		
16:30	3000	No Value	No Value	No Value	No Value	No Value	No Value		
17:30	3000	No Value	No Value	No Value	No Value	No Value	No Value		
18:30	3000	No Value	No Value	No Value	No Value	No Value	No Value		
19:30	2000	>2000	>2000	>2000	>2000	>2000	>2000		
20:30	1500	>2000	>2000	>2000	>2000	>2000	>2000		
21:30	1200	>2000	>2000	>2000	>2000	>2000	>2000		
22:30	1200	>2000	>2000	>2000	>2000	>2000	>2000		
23:30	1300	>2000	>2000	>2000	>2000	>2000	>2000		
25th Jan 10									
00:30	1200	>2000	>2000	>2000	>2000	>2000	>2000		
01:30	900	>2000	>2000	>2000	>2000	>2000	>2000		
02:30	900	>2000	>2000	>2000	>2000	>2000	>2000		
03:30	900	>2000	>2000	>2000	>2000	>2000	>2000		
04:30	900	>2000	>2000	>2000	>2000	>2000	>2000		
05:30	900	>2000	>2000	>2000	>2000	>2000	>2000		
06:30	900	>2000	>2000	>2000	>2000	>2000	>2000		
07:30	800	>2000	>2000	>2000	1200	1200	1100		
08:30	600	1500	1400	1200	900	900	900		

DATE	VIS	RVR RWY 28/10			RVR RWY 29/11			R/W CONDITION	
		TDZ	MID	END	TDZ	MID	END	28	29
09:21	400	1500	1500	1400	1100	1100	1300		
10:21	2000	2000	>2000	2000	>2000	>2000	>2000		
11:30	2800	>2000	>2000	>2000	>2000	>2000	>2000		
12:30	3500	>2000	>2000	>2000	>2000	>2000	>2000		
13:30	3500	>2000	>2000	>2000	>2000	>2000	>2000		
14:30	3500	>2000	>2000	>2000	>2000	>2000	>2000		
15:30	4000	>2000	>2000	>2000	>2000	>2000	>2000		
16:30	3500	>2000	>2000	>2000	>2000	>2000	>2000		
17:30	2300	>2000	>2000	>2000	>2000	>2000	>2000		
18:30	1800	>2000	>2000	>2000	>2000	>2000	>2000		
19:30	1800	>2000	>2000	>2000	>2000	>2000	>2000		
20:30	1100	>2000	>2000	>2000	>2000	>2000	2000		
21:30	700	>2000	>2000	>2000	1800	1800	>2000		
22:30	500	>2000	>2000	>2000	1400	1600	1800		
23:30	500	>2000	>2000	>2000	1800	1500	1800		
26th Jan 10									
00:30	500	>2000	>2000	>2000	1500	1400	1400		
01:30	400	2000	2000	1700	1100	1400	1100		
02:30	400	1700	1700	1700	1000	800	1100		
03:30	150	1000	1500	1500	500	800	500		
04:30	<50	1000	1200	1000	125	200	150		One or more RVR=125m
05:30	<50	100	125	75	75	75	75	One or more RVR<125 m	One or more RVR<125 m
06:30	<50	50	75	50	50	75	75	One or more RVR<125 m	One or more RVR<125 m
07:30	<50	50	75	50	50	75	50	One or more RVR<125 m	One or more RVR<125 m
08:30	<50	50	75	50	50	50	50	One or more RVR<125 m	One or more RVR<125 m
09:30	<50	50	50	50	50	50	50	One or more RVR<125 m	One or more RVR<125 m
10:30	<50	75	75	75	75	100	75	One or more RVR<125 m	One or more RVR<125 m
11:30	150	600	600	275	350	350	300		

DATE	VIS	RVR RWY 28/10			RVR RWY 29/11			R/W CONDITION	
		TDZ	MID	END	TDZ	MID	END	28	29
23:30	3000	>2000	>2000	>2000	>2000	>2000	>2000		
31st Jan 10									
00:30	4000	>2000	>2000	>2000	>2000	>2000	>2000		
01:30	4000	>2000	>2000	>2000	>2000	>2000	>2000		
02:30	3500	>2000	>2000	>2000	>2000	>2000	>2000		
03:30	3200	>2000	>2000	>2000	>2000	>2000	>2000		
04:30	3500	>2000	>2000	>2000	>2000	>2000	>2000		
05:30	3200	>2000	>2000	>2000	>2000	>2000	>2000		
06:30	2600	>2000	>2000	>2000	>2000	>2000	>2000		
07:21	1500	>2000	>2000	>2000	1500	1500	1500		
08:30	900	1800	1400	1200	900	900	900		