

Sydney Airport Operational Statistics

February 2017

PREVIEW

Sydney Airport Operational Statistics Report Preview

February 2017

Total Runway Movements (excluding helicopter operations) (refer pages 6-11)

There were a total of **25,872** aircraft movements this month (daily average **924.00**). Last month there were a total of **27,118** movements (daily average **874.77**) and for the same month last year there were a total of **26,401** movements (daily average **910.38**).

Mode Utilisation (refer pages 12 & 14)

Individual mode use in excess of 9 hours occurred on **27** days this month, Mode 9 on 11 days and Mode 10 on 16 days and . Crossing runway modes (including Sodprops) were used for **5.89%** of non Curfew hours.

Mode 15 was introduced during RESA works (commenced October 2008) and ceased being used at the completion of RESA (April 2010).

Runway End Impact Long Term Operating Plan (LTOP) Targets (refer page 13)

LTOP targets - North 17% - South 55% - East 13% - West 15%

The two fundamental factors which influence the selection of a runway and therefore the LTOP targets are forecast or prevailing weather and traffic levels. This month's results are as follows:

North **37.94%** - This result is above the LTOP target and above the previous month (**34.27%**)

South **50.8%** - This result is below the LTOP target and below the previous month (**51.29%**)

East **10.54%** - This result is below the LTOP target and below the previous month (**13.28%**)

West **0.72%** - This result is below the LTOP target and below the previous month (**1.15%**)

16 Precision Runway Monitor (PRM) Operations (refer page 15)

This procedure was used on 1, 2, 7, 8, 14, 15, 24 and 27 of February for a total of 20 hours and 49 minutes (ATIS time).

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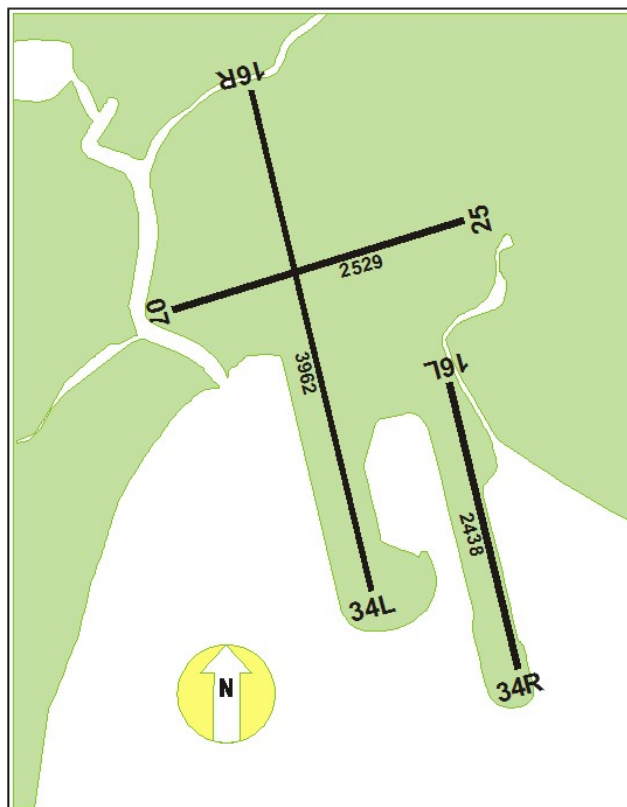
This report is available on the Internet at Airservices Australia website at

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click on “Publications”.

* This information is produced using Airservices Australia's Noise and Flight Path Monitoring System and the TNIP software package developed by the Department of Infrastructure and Transport.

Sydney Airport Runways



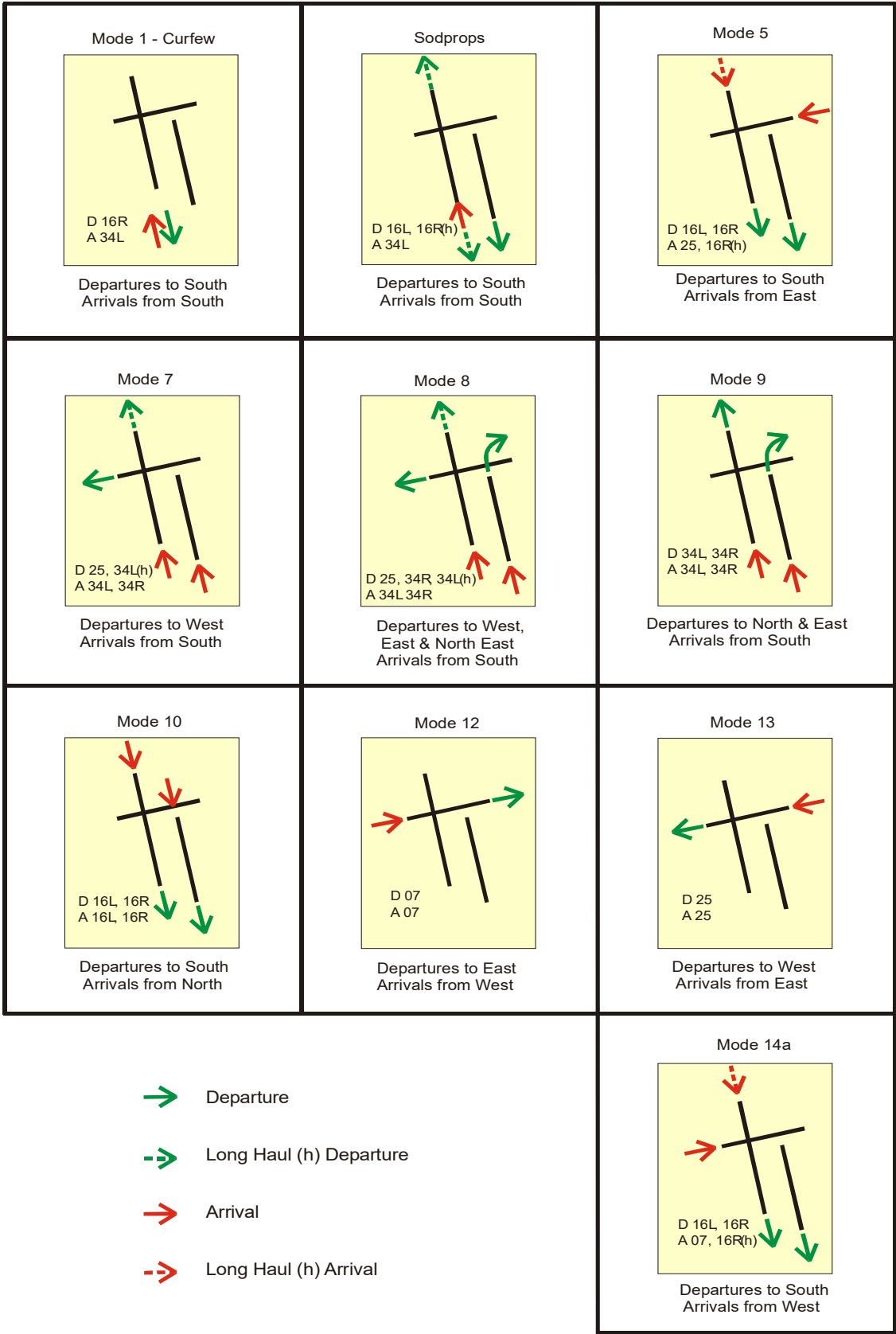
Runway numbers refer to the direction an aircraft is flying.

Runway 16R/34L	Main North-South runway
Runway 16L/34R	Parallel North-South runway.
Runway 07/25	East-West runway.

Runways 16L and 16R	Used by aircraft landing or taking off towards the South. (16=approx. 160 degrees magnetic bearing)
Runway 34L	Used by aircraft landing or taking off towards the North. (34=approx. 340 degrees magnetic bearing)
Runway 34R	Used by aircraft landing toward the north and taking off to the East.
Runway 07	Used by aircraft landing or taking off towards the East. (07=approx. 070 degrees magnetic bearing)
Runway 25	Used by aircraft landing or taking off towards the West. (25=approx. 250 degrees magnetic bearing)

Movements over the North	=16L(arr) + 16R(arr) + 34L(dep)
Movements over the South	=16L(dep) + 16R(dep) + 34L(arr) + 34R(arr)
Movements over the East	=07(dep) + 25(arr) + 34R(dep)
Movements over the West	=07(arr) + 25(dep)

Runway Modes of Operation



Sydney Airport Preferred Runway Selection

Effective from 1 July 2010 (LOA 3181 V1)

Monday to Friday		
2300 to 0600	1.	Curfew – Departures 16R / Arrivals 34L (Mode 1)
0600 to 0700	1.	SODPROPS - Departures 16L / Arrivals 34L
	2.	Departures 16L&R / Arrivals 34L (Shoulder Curfew). If traffic permits.
	3.	Departures 34R, 25 & 34L / Arrivals 34L&R (Mode 8), or Departures 25 / Arrivals 34L&R (Mode 7), or Departures 16L&R / Arrivals 25 (Mode 5), or Departures 16L&R / Arrivals 07 (Mode 14A)
	4.	34 (Mode 9) or 16 (Mode 10)
	5.	07 (Mode 12) or 25 (Mode 13)
0700 to 2245	1.	SODPROPS - Departures 16L / Arrivals 34L
	2.	Departures 16L&R / Arrivals 07 (Mode 14A), or Departures 34R, 25 & 34L / Arrivals 34L&R (Mode 8), or Departures 25 / Arrivals 34L&R (Mode 7), or Departures 16L&R / Arrivals 25 (Mode 5)
	3.	34 (Mode 9) or 16 (Mode 10)
	4.	07 (Mode 12) or 25 (Mode 13)
2245 to 2300	1.	SODPROPS - Departures 16L (Mandatory) / Arrivals 34L
	2.	Departures 16L&R (Mandatory) / Arrivals 34L (Shoulder Curfew) unless there would be significant delays to either departing or arriving aircraft or traffic complexity requires a variation or weather conditions preclude the use of 34L.
	3.	Departures 16L&R / Arrivals 25 (Mode 5), or Departures 16L&R / Arrivals 07 (Mode 14A)
	4.	16 (Mode 10)

Rwy 34 and Rwy 16 Parallel Runway operations should only be considered for use if required for traffic management purposes during the following hours:

0700 to 1100 Monday to Saturday

0800 to 1100 Sunday

1500 to 2000 Sunday to Friday

In order to take advantage of suitable traffic dispositions, variations to these times will occur.

20 knot crosswind and 5 knot downwind criteria apply to all dry runway conditions

This is not an operational document. It has been prepared for information purposes only and is subject to change without notice.

Saturday and Sunday		
2300 to 0600	1.	Curfew – Departures 16R / Arrivals 34L (Mode 1)
0600 to 0700 Saturday	1.	SODPROPS - Departures 16L / Arrivals 34L
0600 To 0800 Sunday	2.	Departures 16L&R / Arrivals 34L (Shoulder Curfew). If traffic permits.
	3.	Departures 16L&R / Arrivals 25 (Mode 5), or Departures 16L&R / Arrivals 07 (Mode 14A), or Departures 34R, 25 & 34L / Arrivals 34L&R (Mode 8), or Departures 25 / Arrivals 34L&R (Mode 7)
	4.	34 (Mode 9) or 16 (Mode 10)
	5.	07 (Mode 12) or 25 (Mode 13)
0700 to 2200 Saturday	1.	SODPROPS - Departures 16L / Arrivals 34L
0800 To 2200 Sunday	2.	Departures 16L&R / Arrivals 07 (Mode 14A), or Departures 34R, 25 & 34L / Arrivals 34L&R (Mode 8), or Departures 25 / Arrivals 34L&R (Mode 7), or Departures 16L&R / Arrivals 25 (Mode 5)
	3.	34 (Mode 9) or 16 (Mode 10)
	4.	07 (Mode 12) or 25 (Mode 13)
2200 to 2245	1.	SODPROPS - Departures 16L (Mandatory) / Arrivals 34L
	2.	Departures 16L&R (Mandatory) / Arrivals 34L (Shoulder Curfew) unless there would be significant delays to either departing or arriving aircraft or traffic complexity requires a variation or weather conditions are not suitable.
	3.	Departures 16L&R / Arrivals 25 (Mode 5)
	4.	Departures 16L&R / Arrivals 07 (Mode 14A)
	5.	Departures 34R, 25 & 34L / Arrivals 34L&R (Mode 8)
	6.	Departures 25 / Arrivals 34L&R (Mode 7)
	7.	34 (Mode 9) or 16 (Mode 10)
	8.	07 (Mode 12) or 25 (Mode 13)
2245 to 2300	1.	SODPROPS - Departures 16L (Mandatory) / Arrivals 34L
	2.	Departures 16L&R (Mandatory) / Arrivals 34L (Shoulder Curfew) unless there would be significant delays to either departing or arriving aircraft or traffic complexity requires a variation or weather conditions preclude the use of 34L.
	3.	Departures 16L&R / Arrivals 25 (Mode 5), or Departures 16L&R / Arrivals 07 (Mode 14A)
	4.	16 (Mode 10)

Runway Movement Summary – All Aircraft

Date	Runway 07			Runway 16 Left			Runway 16 Right			Runway 25			Runway 34 Left			Runway 34 Right			Unknown Runway			Day
	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	
01-Feb-2017	0	0	0	209	207	416	266	270	536	0	0	0	5	0	5	0	0	0	0	0	0	957
02-Feb-2017	0	0	0	205	220	425	275	267	542	0	0	0	6	1	7	0	0	0	0	0	0	974
03-Feb-2017	0	0	0	0	0	0	1	9	10	0	0	0	308	214	522	196	288	484	0	0	0	1016
04-Feb-2017	0	0	0	0	32	32	4	7	11	18	0	18	250	168	418	102	145	247	0	0	0	726
05-Feb-2017	0	0	0	0	0	0	0	1	1	0	20	20	275	212	487	142	206	348	0	0	0	856
06-Feb-2017	0	0	0	208	201	409	262	271	533	11	0	11	1	0	1	0	0	0	0	0	0	954
07-Feb-2017	0	0	0	195	185	380	253	276	529	0	0	0	6	0	6	0	0	0	0	0	0	915
08-Feb-2017	5	1	6	153	116	269	195	262	457	0	0	0	71	47	118	49	48	97	0	0	0	947
09-Feb-2017	0	0	0	0	0	0	0	10	10	0	0	0	312	225	537	191	264	455	0	0	0	1002
10-Feb-2017	1	0	1	61	79	140	80	85	165	0	0	0	210	188	398	154	166	320	0	0	0	1024
11-Feb-2017	20	0	20	19	21	40	49	62	111	0	0	0	178	132	310	110	134	244	0	0	0	725
12-Feb-2017	1	0	1	168	178	346	219	242	461	0	16	16	28	3	31	5	2	7	0	0	0	862
13-Feb-2017	0	0	0	192	203	395	294	290	584	0	0	0	4	0	4	0	0	0	0	0	0	983
14-Feb-2017	0	0	0	189	144	333	270	324	594	0	0	0	12	0	12	0	1	1	0	0	0	940
15-Feb-2017	0	0	0	92	89	181	125	150	275	5	0	5	171	113	284	96	134	230	0	0	0	975
16-Feb-2017	0	0	0	0	11	11	0	9	9	0	0	0	312	220	532	193	261	454	0	0	0	1006
17-Feb-2017	0	0	0	0	0	0	0	18	18	1	0	1	282	214	496	194	259	453	0	0	0	968
18-Feb-2017	49	0	49	123	116	239	216	242	458	0	0	0	3	0	3	0	0	0	0	0	0	749
19-Feb-2017	10	0	10	157	189	346	241	243	484	0	0	0	1	0	1	0	0	0	0	0	0	841
20-Feb-2017	0	0	0	116	120	236	189	187	376	60	58	118	74	48	122	46	72	118	0	0	0	970
21-Feb-2017	0	0	0	87	87	174	125	163	288	0	0	0	170	115	285	90	111	201	0	0	0	948
22-Feb-2017	1	0	1	0	0	0	0	12	12	0	1	1	301	214	515	189	260	449	0	0	0	978
23-Feb-2017	2	0	2	0	0	0	0	12	12	0	0	0	322	213	535	181	281	462	0	0	0	1011
24-Feb-2017	0	0	0	231	167	398	276	356	632	0	0	0	7	1	8	0	0	0	0	0	0	1038
25-Feb-2017	0	0	0	163	107	270	221	248	469	0	0	0	0	0	0	0	0	0	0	0	0	739
26-Feb-2017	0	0	0	165	199	364	271	262	533	0	0	0	0	0	0	0	0	0	0	0	0	897
27-Feb-2017	0	0	0	190	185	375	285	295	580	0	0	0	3	0	3	0	0	0	0	0	0	958
28-Feb-2017	1	0	1	182	135	317	265	323	588	0	0	0	7	0	7	0	0	0	0	0	0	913
Total	90	1	91	3105	2991	6096	4382	4896	9278	95	95	190	3319	2328	5647	1938	2632	4570	0	0	0	25872

Runway Movement Summary – Jet Aircraft Only

Date	Runway 07			Runway 16 Left			Runway 16 Right			Runway 25			Runway 34 Left			Runway 34 Right			Unknown Runway			Day
	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	
01-Feb-2017	0	0	0	133	166	299	227	194	421	0	0	0	5	0	5	0	0	0	0	0	0	725
02-Feb-2017	0	0	0	124	174	298	239	195	434	0	0	0	4	0	4	0	0	0	0	0	0	736
03-Feb-2017	0	0	0	0	0	0	0	6	6	0	0	0	261	141	402	124	245	369	0	0	0	777
04-Feb-2017	0	0	0	0	30	30	4	6	10	15	0	15	210	124	334	70	127	197	0	0	0	586
05-Feb-2017	0	0	0	0	0	0	0	0	0	0	15	15	229	154	383	107	175	282	0	0	0	680
06-Feb-2017	0	0	0	134	159	293	215	193	408	9	0	9	0	0	0	0	0	0	0	0	0	710
07-Feb-2017	0	0	0	128	148	276	207	199	406	0	0	0	6	0	6	0	0	0	0	0	0	688
08-Feb-2017	4	0	4	93	83	176	162	195	357	0	0	0	60	36	96	33	39	72	0	0	0	705
09-Feb-2017	0	0	0	0	0	0	0	8	8	0	0	0	262	141	403	112	221	333	0	0	0	744
10-Feb-2017	0	0	0	42	66	108	70	65	135	0	0	0	169	127	296	101	136	237	0	0	0	776
11-Feb-2017	20	0	20	16	17	33	42	53	95	0	0	0	148	98	246	74	116	190	0	0	0	584
12-Feb-2017	0	0	0	121	148	269	190	180	370	0	14	14	25	3	28	3	2	5	0	0	0	686
13-Feb-2017	0	0	0	120	158	278	241	210	451	0	0	0	3	0	3	0	0	0	0	0	0	732
14-Feb-2017	0	0	0	113	103	216	221	240	461	0	0	0	12	0	12	0	1	1	0	0	0	690
15-Feb-2017	0	0	0	57	72	129	101	106	207	5	0	5	132	67	199	64	111	175	0	0	0	715
16-Feb-2017	0	0	0	0	11	11	0	8	8	0	0	0	255	138	393	124	220	344	0	0	0	756
17-Feb-2017	0	0	0	0	0	0	0	15	15	0	0	0	222	137	359	136	222	358	0	0	0	732
18-Feb-2017	37	0	37	93	95	188	179	191	370	0	0	0	0	0	0	0	0	0	0	0	0	595
19-Feb-2017	9	0	9	120	156	276	202	185	387	0	0	0	0	0	0	0	0	0	0	0	0	672
20-Feb-2017	0	0	0	72	94	166	154	137	291	44	44	88	63	25	88	30	61	91	0	0	0	724
21-Feb-2017	0	0	0	55	64	119	90	122	212	0	0	0	145	71	216	54	90	144	0	0	0	691
22-Feb-2017	0	0	0	0	0	0	0	10	10	0	0	0	244	134	378	122	220	342	0	0	0	730
23-Feb-2017	0	0	0	0	0	0	0	10	10	0	0	0	263	134	397	116	232	348	0	0	0	755
24-Feb-2017	0	0	0	157	122	279	224	274	498	0	0	0	5	0	5	0	0	0	0	0	0	782
25-Feb-2017	0	0	0	109	84	193	192	201	393	0	0	0	0	0	0	0	0	0	0	0	0	586
26-Feb-2017	0	0	0	119	163	282	230	199	429	0	0	0	0	0	0	0	0	0	0	0	0	711
27-Feb-2017	0	0	0	127	144	271	230	215	445	0	0	0	1	0	1	0	0	0	0	0	0	717
28-Feb-2017	0	0	0	115	94	209	215	245	460	0	0	0	6	0	6	0	0	0	0	0	0	675
Total	70	0	70	2048	2351	4399	3635	3662	7297	73	73	146	2730	1530	4260	1270	2218	3488	0	0	0	19660

Runway Movement Summary – Non Jet Aircraft Only ¹

Date	Runway 07			Runway 16 Left			Runway 16 Right			Runway 25			Runway 34 Left			Runway 34 Right			Unknown Runway			Day
	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	
01-Feb-2017	0	0	0	76	41	117	39	76	115	0	0	0	0	0	0	0	0	0	0	0	0	232
02-Feb-2017	0	0	0	81	46	127	36	72	108	0	0	0	2	1	3	0	0	0	0	0	0	238
03-Feb-2017	0	0	0	0	0	0	1	3	4	0	0	0	47	73	120	72	43	115	0	0	0	239
04-Feb-2017	0	0	0	0	2	2	0	1	1	3	0	3	40	44	84	32	18	50	0	0	0	140
05-Feb-2017	0	0	0	0	0	0	0	1	1	0	5	5	46	58	104	35	31	66	0	0	0	176
06-Feb-2017	0	0	0	74	42	116	47	78	125	2	0	2	1	0	1	0	0	0	0	0	0	244
07-Feb-2017	0	0	0	67	37	104	46	77	123	0	0	0	0	0	0	0	0	0	0	0	0	227
08-Feb-2017	1	1	2	60	33	93	33	67	100	0	0	0	11	11	22	16	9	25	0	0	0	242
09-Feb-2017	0	0	0	0	0	0	0	2	2	0	0	0	50	84	134	79	43	122	0	0	0	258
10-Feb-2017	1	0	1	19	13	32	10	20	30	0	0	0	41	61	102	53	30	83	0	0	0	248
11-Feb-2017	0	0	0	3	4	7	7	9	16	0	0	0	30	34	64	36	18	54	0	0	0	141
12-Feb-2017	1	0	1	47	30	77	29	62	91	0	2	2	3	0	3	2	0	2	0	0	0	176
13-Feb-2017	0	0	0	72	45	117	53	80	133	0	0	0	1	0	1	0	0	0	0	0	0	251
14-Feb-2017	0	0	0	76	41	117	49	84	133	0	0	0	0	0	0	0	0	0	0	0	0	250
15-Feb-2017	0	0	0	35	17	52	24	44	68	0	0	0	39	46	85	32	23	55	0	0	0	260
16-Feb-2017	0	0	0	0	0	0	0	1	1	0	0	0	57	82	139	69	41	110	0	0	0	250
17-Feb-2017	0	0	0	0	0	0	0	3	3	1	0	1	60	77	137	58	37	95	0	0	0	236
18-Feb-2017	12	0	12	30	21	51	37	51	88	0	0	0	3	0	3	0	0	0	0	0	0	154
19-Feb-2017	1	0	1	37	33	70	39	58	97	0	0	0	1	0	1	0	0	0	0	0	0	169
20-Feb-2017	0	0	0	44	26	70	35	50	85	16	14	30	11	23	34	16	11	27	0	0	0	246
21-Feb-2017	0	0	0	32	23	55	35	41	76	0	0	0	25	44	69	36	21	57	0	0	0	257
22-Feb-2017	1	0	1	0	0	0	0	2	2	0	1	1	57	80	137	67	40	107	0	0	0	248
23-Feb-2017	2	0	2	0	0	0	0	2	2	0	0	0	59	79	138	65	49	114	0	0	0	256
24-Feb-2017	0	0	0	74	45	119	52	82	134	0	0	0	2	1	3	0	0	0	0	0	0	256
25-Feb-2017	0	0	0	54	23	77	29	47	76	0	0	0	0	0	0	0	0	0	0	0	0	153
26-Feb-2017	0	0	0	46	36	82	41	63	104	0	0	0	0	0	0	0	0	0	0	0	0	186
27-Feb-2017	0	0	0	63	41	104	55	80	135	0	0	0	2	0	2	0	0	0	0	0	0	241
28-Feb-2017	1	0	1	67	41	108	50	78	128	0	0	0	1	0	1	0	0	0	0	0	0	238
Total	20	1	21	1057	640	1697	747	1234	1981	22	22	44	589	798	1387	668	414	1082	0	0	0	6212

(1) Includes miscellaneous General Aviation aircraft - refer Noise And Flight Path Monitoring System Sydney Quarterly Report for more detail.

Hourly Runway Movement Summary – All Movements ¹

Date	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Total
01-Feb-2017	3	0	1	2	3	0	33	67	74	77	65	58	60	42	61	52	53	62	57	61	46	44	32	4	957
02-Feb-2017	4	1	2	2	3	0	37	67	72	76	65	55	55	42	65	55	50	62	67	70	47	39	34	4	974
03-Feb-2017	4	2	2	3	3	0	33	72	67	75	72	67	59	53	67	52	57	68	68	72	54	37	29	0	1016
04-Feb-2017	0	0	0	1	0	0	25	52	64	66	59	56	53	44	51	48	31	40	33	33	24	27	19	0	726
05-Feb-2017	2	1	0	0	0	0	23	37	45	60	53	56	54	45	62	58	50	59	76	60	51	32	32	0	856
06-Feb-2017	0	0	1	0	0	0	36	68	79	68	67	61	57	48	54	54	61	59	58	63	53	29	38	0	954
07-Feb-2017	3	3	1	2	3	1	34	71	72	69	32	35	52	55	66	61	55	56	59	64	53	33	31	4	915
08-Feb-2017	4	1	1	2	4	0	27	62	75	71	57	64	55	47	64	49	54	63	55	69	54	31	33	5	947
09-Feb-2017	4	0	1	2	3	0	36	71	78	78	66	52	67	47	52	56	50	63	72	70	51	44	36	3	1002
10-Feb-2017	4	1	0	2	5	0	30	69	78	69	67	63	57	52	56	64	56	70	65	66	68	50	31	1	1024
11-Feb-2017	1	0	0	0	0	0	22	49	67	67	64	56	61	45	44	42	34	42	32	27	30	21	21	0	725
12-Feb-2017	0	0	0	1	0	0	20	38	46	51	60	56	57	50	60	50	54	48	58	64	61	52	33	3	862
13-Feb-2017	1	0	2	2	0	1	35	75	74	70	71	62	63	47	64	54	56	59	69	62	46	37	30	3	983
14-Feb-2017	6	1	1	3	1	2	36	70	75	66	57	62	55	54	56	47	53	65	60	67	39	28	33	3	940
15-Feb-2017	6	0	1	3	3	1	30	67	76	70	64	64	61	45	59	63	50	70	71	61	43	33	30	4	975
16-Feb-2017	5	2	1	2	2	1	39	77	72	70	62	64	58	41	56	58	53	65	70	67	57	41	37	6	1006
17-Feb-2017	2	3	1	2	5	0	33	76	74	74	68	64	59	52	56	9	33	51	58	60	65	55	58	10	968
18-Feb-2017	0	0	0	0	1	0	26	45	60	63	65	62	59	43	51	45	31	34	38	43	33	22	25	3	749
19-Feb-2017	1	0	1	0	0	0	22	29	49	62	57	58	49	49	63	51	51	63	61	46	45	45	38	1	841
20-Feb-2017	0	0	0	0	1	1	38	67	66	60	44	65	72	60	50	61	58	61	69	76	53	33	32	3	970
21-Feb-2017	4	2	1	2	2	2	35	79	79	65	62	66	55	48	58	48	52	68	58	63	39	26	33	1	948
22-Feb-2017	6	1	1	3	4	0	26	76	71	74	58	62	64	45	58	53	57	72	67	68	46	31	32	3	978
23-Feb-2017	4	0	0	3	3	1	42	76	70	72	64	62	57	47	57	56	55	65	68	77	55	41	30	6	1011
24-Feb-2017	5	0	1	4	3	0	38	69	75	71	70	64	59	58	65	57	57	63	71	73	57	46	32	0	1038
25-Feb-2017	0	1	0	0	0	0	26	51	62	45	62	55	58	58	56	46	32	46	35	35	30	24	15	2	739
26-Feb-2017	0	1	0	1	0	0	17	42	44	63	59	56	35	72	67	53	56	70	72	69	47	37	34	2	897
27-Feb-2017	0	1	1	0	0	0	44	63	76	73	72	60	55	41	56	56	55	58	65	67	45	33	33	4	958
28-Feb-2017	5	0	0	3	2	3	38	65	63	66	60	59	66	42	57	42	50	61	66	56	45	27	31	6	913
Total	74	21	20	45	51	13	881	1750	1903	1891	1722	1664	1612	1372	1631	1440	1404	1663	1698	1709	1337	998	892	81	25872
Avg.	2.64	0.75	0.71	1.61	1.82	0.46	31.46	62.50	67.96	67.54	61.50	59.43	57.57	49.00	58.25	51.43	50.14	59.39	60.64	61.04	47.75	35.64	31.86	2.89	924.00

(1) The data in the table above includes all movements at Sydney Airport (excluding helicopters) which may include operations that are exempt for other reports provided by Airservices under specific legislation.

Hourly Runway Movement Summary – Arrivals ¹

Date	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Total
01-Feb-2017	0	0	1	1	1	0	16	36	41	38	34	30	19	24	27	21	25	31	30	33	30	28	12	2	480
02-Feb-2017	0	1	2	1	1	0	18	34	41	42	27	28	24	22	31	24	20	31	35	33	28	26	15	2	486
03-Feb-2017	1	1	1	2	1	0	16	38	37	39	34	37	19	31	30	22	28	35	37	32	30	20	14	0	505
04-Feb-2017	0	0	0	0	0	0	17	31	35	28	26	32	21	25	25	25	17	20	18	20	13	14	7	0	374
05-Feb-2017	1	1	0	0	0	0	14	23	24	25	23	26	19	23	26	29	23	32	39	26	26	19	18	0	417
06-Feb-2017	0	0	1	0	0	0	17	40	41	35	26	32	26	23	25	29	30	28	33	25	34	18	19	0	482
07-Feb-2017	0	2	0	2	1	1	16	39	41	29	15	28	24	28	29	18	25	26	34	34	31	19	11	1	454
08-Feb-2017	2	0	1	1	2	0	10	34	40	35	27	34	20	23	32	19	26	32	32	36	33	17	15	2	473
09-Feb-2017	1	0	1	2	1	0	17	37	45	39	27	31	28	24	30	19	24	33	39	30	30	31	14	0	503
10-Feb-2017	2	0	0	2	2	0	10	41	40	34	30	32	23	27	28	30	29	35	33	35	31	25	16	1	506
11-Feb-2017	1	0	0	0	0	0	14	28	38	31	28	31	26	25	22	22	18	26	18	15	15	13	5	0	376
12-Feb-2017	0	0	0	0	0	0	11	25	23	22	26	26	19	22	27	23	24	24	32	33	33	31	19	1	421
13-Feb-2017	0	0	2	1	0	1	16	41	37	35	35	29	29	23	32	23	27	28	41	26	26	24	12	2	490
14-Feb-2017	1	1	1	2	0	1	19	39	39	37	28	32	24	23	28	18	24	31	36	34	21	19	12	1	471
15-Feb-2017	1	0	1	2	2	0	12	37	41	38	31	30	21	25	28	29	24	39	37	29	27	20	13	2	489
16-Feb-2017	2	1	1	1	1	0	19	43	38	33	25	35	24	21	25	28	25	36	38	29	31	29	16	4	505
17-Feb-2017	0	1	1	1	2	0	16	42	38	35	34	34	22	24	26	6	13	23	30	35	34	29	31	0	477
18-Feb-2017	0	0	0	0	1	0	19	24	30	31	33	32	23	25	25	25	14	20	24	24	17	13	9	2	391
19-Feb-2017	1	0	1	0	0	0	15	18	23	27	26	26	15	24	31	21	21	37	30	21	22	27	22	1	409
20-Feb-2017	0	0	0	0	0	0	18	35	36	24	23	33	36	33	21	25	30	29	37	38	31	21	15	0	485
21-Feb-2017	2	1	1	1	1	1	19	44	40	31	34	31	21	27	27	16	28	33	34	28	22	17	13	0	472
22-Feb-2017	2	0	1	1	2	0	16	40	37	38	28	32	26	21	25	25	29	38	38	30	29	18	14	1	491
23-Feb-2017	1	0	0	2	1	1	20	41	37	37	29	31	21	27	28	22	25	37	38	35	33	24	14	1	505
24-Feb-2017	2	0	1	3	1	0	19	39	38	34	30	35	26	28	29	26	26	35	35	34	34	25	14	0	514
25-Feb-2017	0	1	0	0	0	0	19	31	31	19	25	29	31	32	27	23	15	28	20	18	18	13	4	0	384
26-Feb-2017	0	0	0	1	0	0	10	26	23	28	27	27	12	30	28	25	23	40	38	29	26	26	16	1	436
27-Feb-2017	0	1	1	0	0	0	19	34	41	39	33	28	21	21	28	28	25	29	37	31	25	22	14	1	478
28-Feb-2017	1	0	0	2	2	1	20	31	32	33	30	29	34	21	29	16	22	30	37	28	25	18	12	2	455
Total	21	11	18	28	22	6	452	971	1007	916	794	860	654	702	769	637	660	866	930	821	755	606	396	27	12929
Avg.	0.75	0.39	0.64	1.00	0.79	0.21	16.14	34.68	35.96	32.71	28.36	30.71	23.36	25.07	27.46	22.75	23.57	30.93	33.21	29.32	26.96	21.64	14.14	0.96	461.75

(1) The data in the table above includes all movements at Sydney Airport (excluding helicopters) which may include operations that are exempt for other reports provided by Airservices under specific legislation.

Hourly Runway Movement Summary – Departures ¹

Date	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Total
01-Feb-2017	3	0	0	1	2	0	17	31	33	39	31	28	41	18	34	31	28	31	27	28	16	16	20	2	477
02-Feb-2017	4	0	0	1	2	0	19	33	31	34	38	27	31	20	34	31	30	31	32	37	19	13	19	2	488
03-Feb-2017	3	1	1	1	2	0	17	34	30	36	38	30	40	22	37	30	29	33	31	40	24	17	15	0	511
04-Feb-2017	0	0	0	1	0	0	8	21	29	38	33	24	32	19	26	23	14	20	15	13	11	13	12	0	352
05-Feb-2017	1	0	0	0	0	0	9	14	21	35	30	30	35	22	36	29	27	27	37	34	25	13	14	0	439
06-Feb-2017	0	0	0	0	0	0	19	28	38	33	41	29	31	25	29	25	31	31	25	38	19	11	19	0	472
07-Feb-2017	3	1	1	0	2	0	18	32	31	40	17	7	28	27	37	43	30	30	25	30	22	14	20	3	461
08-Feb-2017	2	1	0	1	2	0	17	28	35	36	30	30	35	24	32	30	28	31	23	33	21	14	18	3	474
09-Feb-2017	3	0	0	0	2	0	19	34	33	39	39	21	39	23	22	37	26	30	33	40	21	13	22	3	499
10-Feb-2017	2	1	0	0	3	0	20	28	38	35	37	31	34	25	28	34	27	35	32	31	37	25	15	0	518
11-Feb-2017	0	0	0	0	0	0	8	21	29	36	36	25	35	20	22	20	16	16	14	12	15	8	16	0	349
12-Feb-2017	0	0	0	1	0	0	9	13	23	29	34	30	38	28	33	27	30	24	26	31	28	21	14	2	441
13-Feb-2017	1	0	0	1	0	0	19	34	37	35	36	33	34	24	32	31	29	31	28	36	20	13	18	1	493
14-Feb-2017	5	0	0	1	1	1	17	31	36	29	29	30	31	31	28	29	29	34	24	33	18	9	21	2	469
15-Feb-2017	5	0	0	1	1	1	18	30	35	32	33	34	40	20	31	34	26	31	34	32	16	13	17	2	486
16-Feb-2017	3	1	0	1	1	1	20	34	34	37	37	29	34	20	31	30	28	29	32	38	26	12	21	2	501
17-Feb-2017	2	2	0	1	3	0	17	34	36	39	34	30	37	28	30	3	20	28	28	25	31	26	27	10	491
18-Feb-2017	0	0	0	0	0	0	7	21	30	32	32	30	36	18	26	20	17	14	14	19	16	9	16	1	358
19-Feb-2017	0	0	0	0	0	0	7	11	26	35	31	32	34	25	32	30	30	26	31	25	23	18	16	0	432
20-Feb-2017	0	0	0	0	1	1	20	32	30	36	21	32	36	27	29	36	28	32	32	38	22	12	17	3	485
21-Feb-2017	2	1	0	1	1	1	16	35	39	34	28	35	34	21	31	32	24	35	24	35	17	9	20	1	476
22-Feb-2017	4	1	0	2	2	0	10	36	34	36	30	30	38	24	33	28	28	34	29	38	17	13	18	2	487
23-Feb-2017	3	0	0	1	2	0	22	35	33	35	35	31	36	20	29	34	30	28	30	42	22	17	16	5	506
24-Feb-2017	3	0	0	1	2	0	19	30	37	37	40	29	33	30	36	31	31	28	36	39	23	21	18	0	524
25-Feb-2017	0	0	0	0	0	0	7	20	31	26	37	26	27	26	29	23	17	18	15	17	12	11	11	2	355
26-Feb-2017	0	1	0	0	0	0	7	16	21	35	32	29	23	42	39	28	33	30	34	40	21	11	18	1	461
27-Feb-2017	0	0	0	0	0	0	25	29	35	34	39	32	34	20	28	28	30	29	28	36	20	11	19	3	480
28-Feb-2017	4	0	0	1	0	2	18	34	31	33	30	30	32	21	28	26	28	31	29	28	20	9	19	4	458
Total	53	10	2	17	29	7	429	779	896	975	928	804	958	670	862	803	744	797	768	888	582	392	496	54	12943
Avg.	1.89	0.36	0.07	0.61	1.04	0.25	15.32	27.82	32.00	34.82	33.14	28.71	34.21	23.93	30.79	28.68	26.57	28.46	27.43	31.71	20.79	14.00	17.71	1.93	462.25

(1) The data in the table above includes all movements at Sydney Airport (excluding helicopters) which may include operations that are exempt for other reports provided by Airservices under specific legislation.

Mode Utilisation Summary (Total Hours by Day) ¹

Date	Curfew	16/34	Sod props	Mode 5 16/25	Mode 7 25/34	Mode 8 25/34	Mode 9 34	Mode 10 16	Mode 12 07	Mode 13 25	Mode14a 16/07	Mode 15 34R/34L	Other
01-Feb-17	07:00	00:12	-	-	-	-	-	16:46	-	-	-	-	-
02-Feb-17	07:00	00:16	-	-	-	-	-	16:42	-	-	-	-	-
03-Feb-17	07:00	00:22	-	-	-	-	16:36	-	-	-	-	-	-
04-Feb-17	07:00	00:20	03:31	01:11	-	-	11:55	-	-	-	-	-	-
05-Feb-17	07:00	00:16	-	-	01:36	-	15:06	-	-	-	-	-	-
06-Feb-17	07:00	00:12	-	00:47	-	-	-	15:59	-	-	-	-	-
07-Feb-17	07:00	00:13	-	-	-	-	-	16:45	-	-	-	-	-
08-Feb-17	07:00	00:22	-	-	-	-	03:57	11:45	-	-	00:53	-	-
09-Feb-17	07:00	00:16	-	-	-	-	16:42	-	-	-	-	-	-
10-Feb-17	07:00	00:14	00:49	-	-	-	11:08	04:46	-	-	-	-	-
11-Feb-17	07:00	00:16	-	-	-	-	11:00	04:08	-	-	01:34	-	-
12-Feb-17	07:00	00:07	-	-	01:29	-	00:22	14:59	-	-	-	-	-
13-Feb-17	07:00	00:09	-	-	-	-	-	16:49	-	-	-	-	-
14-Feb-17	07:00	00:10	-	-	-	-	-	16:48	-	-	-	-	-
15-Feb-17	07:00	00:07	-	00:40	-	-	09:23	06:47	-	-	-	-	-
16-Feb-17	07:00	00:16	00:49	-	-	-	15:53	-	-	-	-	-	-
17-Feb-17	07:00	00:17	-	-	-	-	16:41	-	-	-	-	-	-
18-Feb-17	07:00	00:19	-	-	-	-	-	14:45	-	-	01:54	-	-
19-Feb-17	07:00	00:19	-	-	-	-	-	15:53	-	-	00:46	-	-
20-Feb-17	07:00	00:14	-	00:07	-	-	04:14	09:58	-	02:23	-	-	-
21-Feb-17	07:00	-	02:14	-	-	-	07:57	07:48	-	-	-	-	-
22-Feb-17	07:00	00:06	-	-	-	-	16:52	-	-	-	-	-	-
23-Feb-17	07:00	00:22	-	-	-	-	16:36	-	-	-	-	-	-
24-Feb-17	07:00	00:15	-	-	-	-	-	16:43	-	-	-	-	-
25-Feb-17	07:00	00:23	-	-	-	-	-	16:35	-	-	-	-	-
26-Feb-17	07:00	00:14	-	-	-	-	-	16:44	-	-	-	-	-
27-Feb-17	07:00	00:14	-	-	-	-	-	16:44	-	-	-	-	-
28-Feb-17	07:00	00:16	-	-	-	-	-	16:42	-	-	-	-	-
Total	196:00	07:13	07:24	02:48	03:06	00:00	174:32	274:20	00:00	02:23	05:09	00:00	00:00
% Used		1.51%	1.55%	0.59%	0.65%	0.00%	36.59%	57.52%	0.00%	0.50%	1.08%	0.00%	0.00%

(1) Mode 15 was introduced during RESA works (commenced October 2008) and ceased being used at the completion of RESA (April 2010).

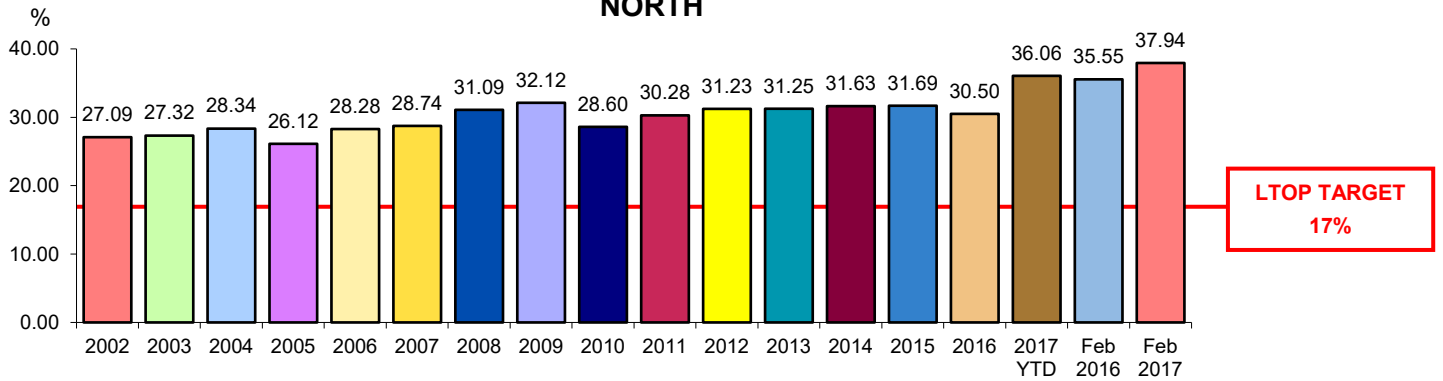
Cumulative Mode Utilisation from 1 January 2017

Time	1.56%	1.52%	0.91%	0.31%	0.00%	41.68%	51.58%	0.00%	0.24%	2.19%	0.00%	0.00%
Movements	0.38%	0.86%	0.53%	0.16%	0.00%	43.48%	52.89%	0.00%	0.23%	1.47%	0.00%	0.00%

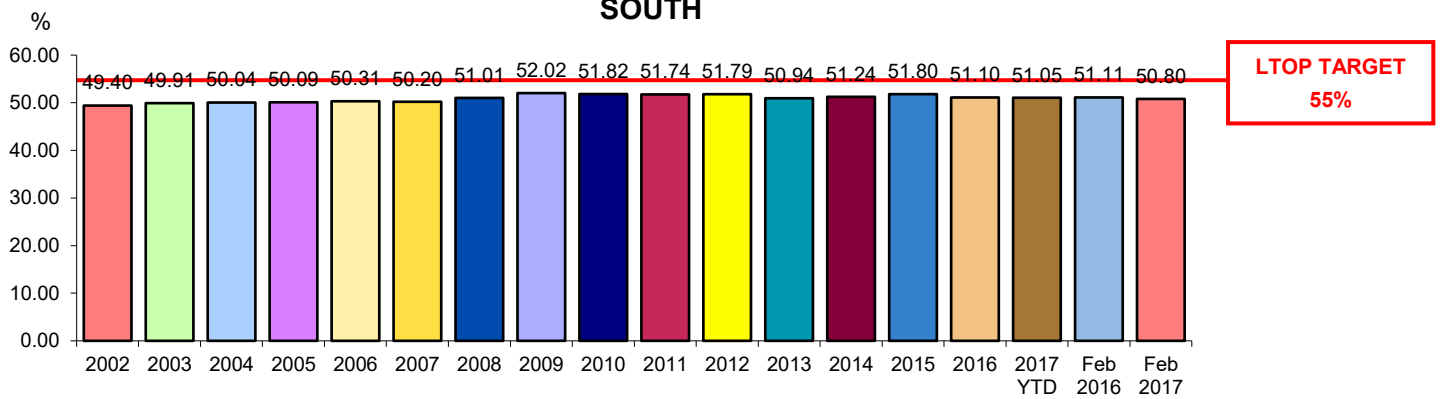
Runway End Impact to 28 February 2017

Includes comparisons with annual figures for 1998 to 2016, 2017 Year to Date, current month this year and corresponding month last year.

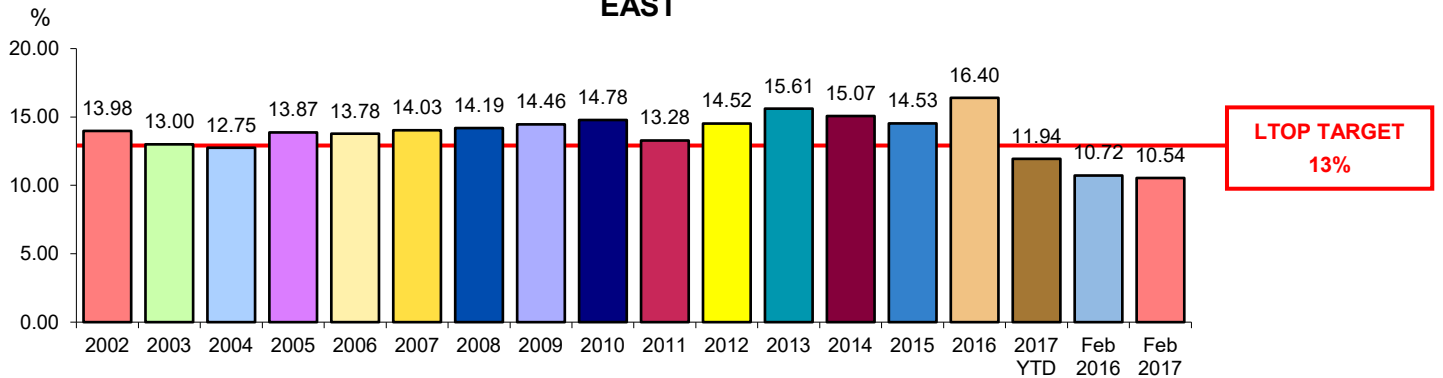
NORTH



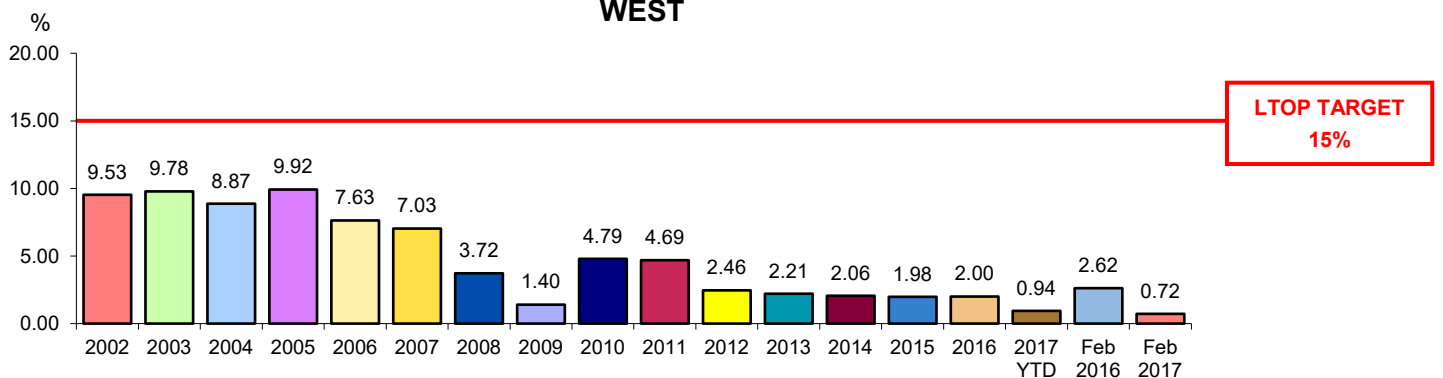
SOUTH



EAST



WEST



Sydney Airport - Daily Mode Usage

	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	
1-Feb-2017									Mode 10										Curfew
2-Feb-2017									Mode 10										Curfew
3-Feb-2017									Mode 9										Curfew
4-Feb-2017		5							Mode 9			SODPROPS			Mode 9			SODPROPS	Curfew
5-Feb-2017		7							Mode 9										Curfew
6-Feb-2017		5							Mode 10										Curfew
7-Feb-2017									Mode 10										Curfew
8-Feb-2017		14a							Mode 10							Mode 9			Curfew
9-Feb-2017									Mode 9										Curfew
10-Feb-2017		SP							Mode 9						Mode 10				Curfew
11-Feb-2017		Mode 10							Mode 9						Mode 10		14a	10	Curfew
12-Feb-2017		7		9						Mode 10									Curfew
13-Feb-2017									Mode 10										Curfew
14-Feb-2017									Mode 10										Curfew
15-Feb-2017		5							Mode 10						Mode 9				Curfew
16-Feb-2017		SP								Mode 9									Curfew
17-Feb-2017									Mode 9										Curfew
18-Feb-2017									Mode 10				Mode 14a			Mode 10			Curfew
19-Feb-2017									Mode 10						14a		Mode 10		Curfew
20-Feb-2017									Mode 9		13			Mode 10					Curfew
21-Feb-2017		SP							Mode 9					Mode 10			Mode 9		SP
22-Feb-2017									Mode 9										Curfew
23-Feb-2017									Mode 9										Curfew
24-Feb-2017									Mode 10										Curfew
25-Feb-2017									Mode 10										Curfew
26-Feb-2017									Mode 10										Curfew
27-Feb-2017									Mode 10										Curfew
28-Feb-2017									Mode 10										Curfew

Weekend

Curfew Mode CURFEW: Dep 16R Arr 34L

Parallel Modes M9: Dep 34L+R Arr 34L+R M10: Dep 16L+R Arr 16L+R

Crossing Modes SODPROPS (or SP): Dep 16L Arr 34L M5: Dep 16L+R Arr 25 M7: Dep 25 Arr 34L+R M8: Dep 25 34R Arr 34L+R M12: Dep 07 Arr 07 M13: Dep 25 Arr 25

M14A: Dep 16L+R Arr 07

Precision Runway Monitor (PRM) Operations

In June 2002 at Sydney Airport, Airservices Australia commenced operation of the Precision Runway Monitor (PRM), a highly accurate radar system, to monitor landing operations arriving from the North. PRM landings from the South have been operating since 1999. The PRM supplements the existing Instrument Landing System (ILS), and is only used by Air Traffic Control during poor weather conditions thereby reducing air traffic delays due to weather.

The PRM operation involves two changes in procedure for arrivals from the North (Runway 16)

- Aircraft make their final turn to line up with the runways about 5-10km further north of the airport than during ILS operation.
- Within this extended area aircraft may fly at a fixed altitude of 3000ft (under ILS operation 3000-4000ft).

Airservices Australia conducted a 6 month Noise Monitoring Program from June 2002 until December 2002, which included regular reporting to Environment Australia (the Commonwealth Environmental Department at that time) and the community, to meet the requirements of the then Minister for the Environment and Heritage.

Portable Noise Monitors, which were installed in suburbs affected by PRM changes, have since been removed with the cessation of the Noise Monitoring Program.

Nevertheless Airservices Australia Noise Enquiry Service continues to collect daily statistical data relating to PRM operations on Runway 16 and associated issues. Below is a summary of data collected for **February 2017**.

Days on which Runway 16 PRM was used and hours of usage (ATIS time)

Date	PRM		Hours of PRM operation
	Start Time	End Time	
1/02/2017	10:11	3:29	06:42
2/02/2017	08:35	1:44	06:51
7/02/2017	09:14	2:29	06:45
8/02/2017	10:37	0:33	10:04
14/02/2017	09:27	2:46	06:41
15/02/2017	09:45	2:17	07:28
24/02/2017	08:23	1:22	07:01
27/02/2017	09:46	2:48	06:58

Number of Runway 16 arrivals during PRM operations and their runway assignment

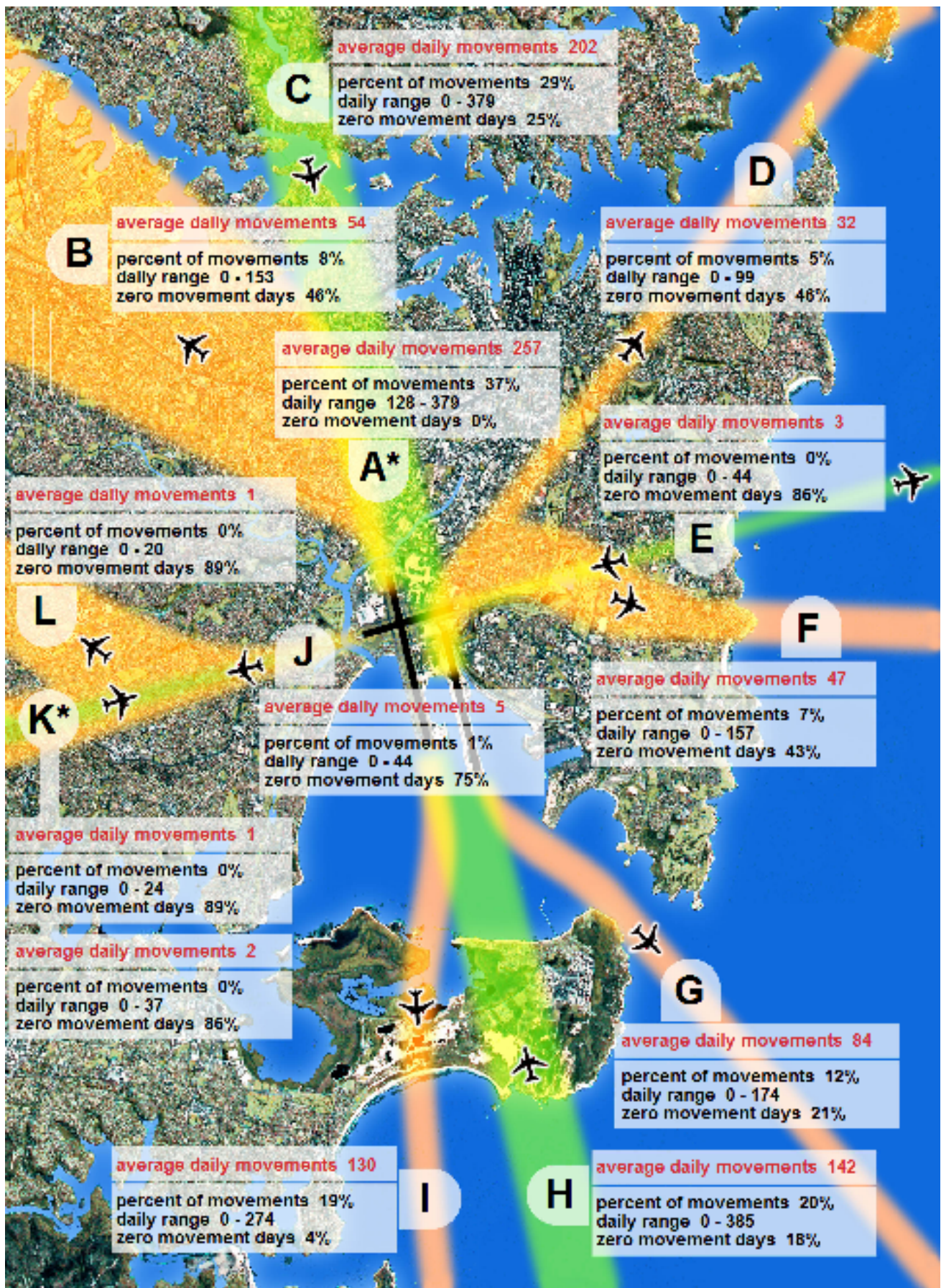
Date	Number of arrivals on Runway 16 during PRM	Runway assignment	
		16L	16R
1/02/2017	129	59	70
2/02/2017	60	28	32
7/02/2017	105	48	57
8/02/2017	93	43	50
14/02/2017	93	45	48
15/02/2017	52	22	30
24/02/2017	105	48	57
27/02/2017	125	58	67

Noise Complaints & Information Service

The Noise Complaints & Information Service is a function of Airservices Australia located at Sydney Airport. Information on noise complaints will be published as a separate report on Airservices Australia website.

Sydney Airport : Jet Flight Path Movements

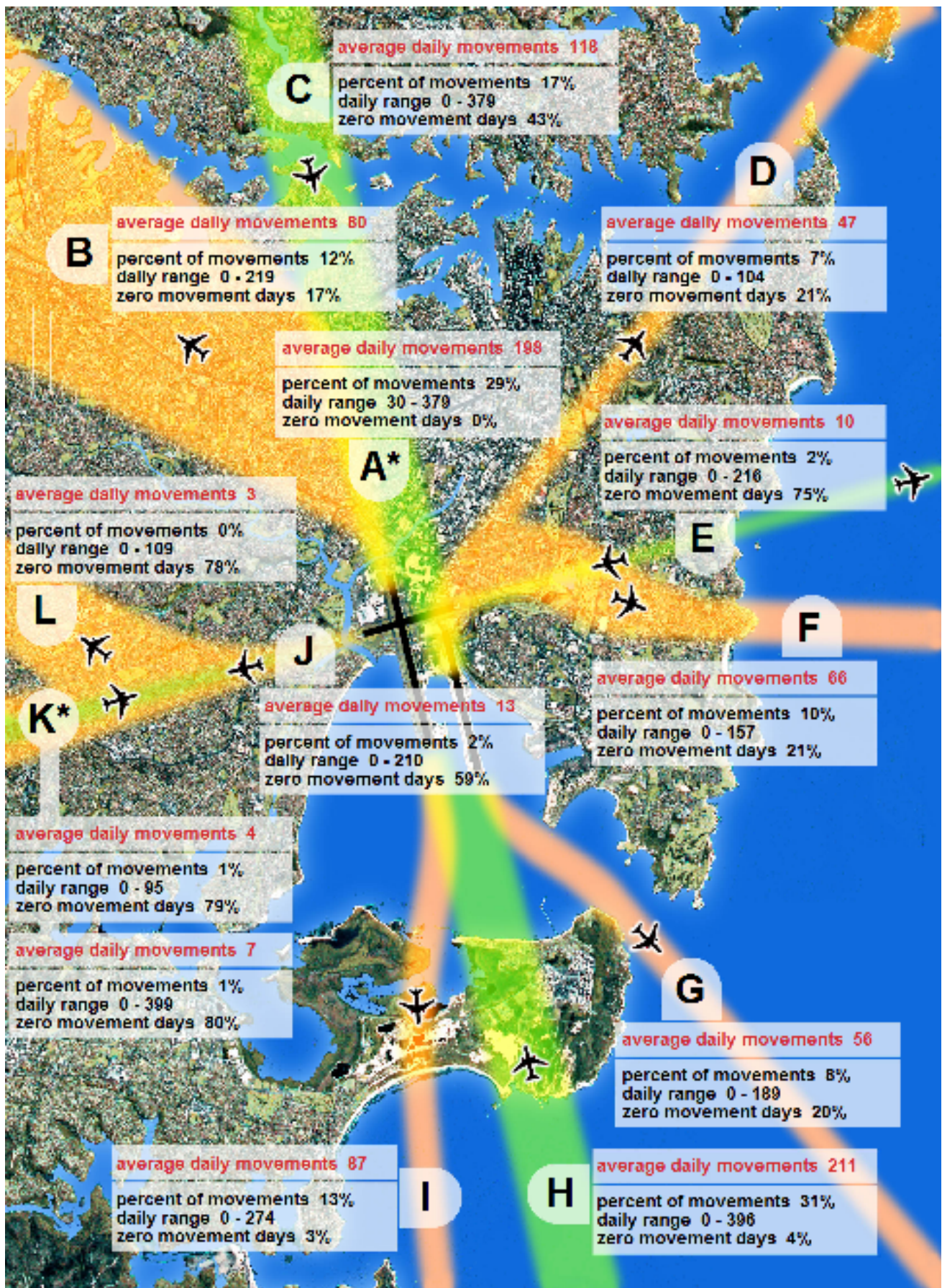
1 Feb 2017 to 28 Feb 2017, All Jets



Note : Track A* is Tracks B and C combined. Track K* shows departures (top box) and arrivals (bottom box).

Sydney Airport : Jet Flight Path Movements

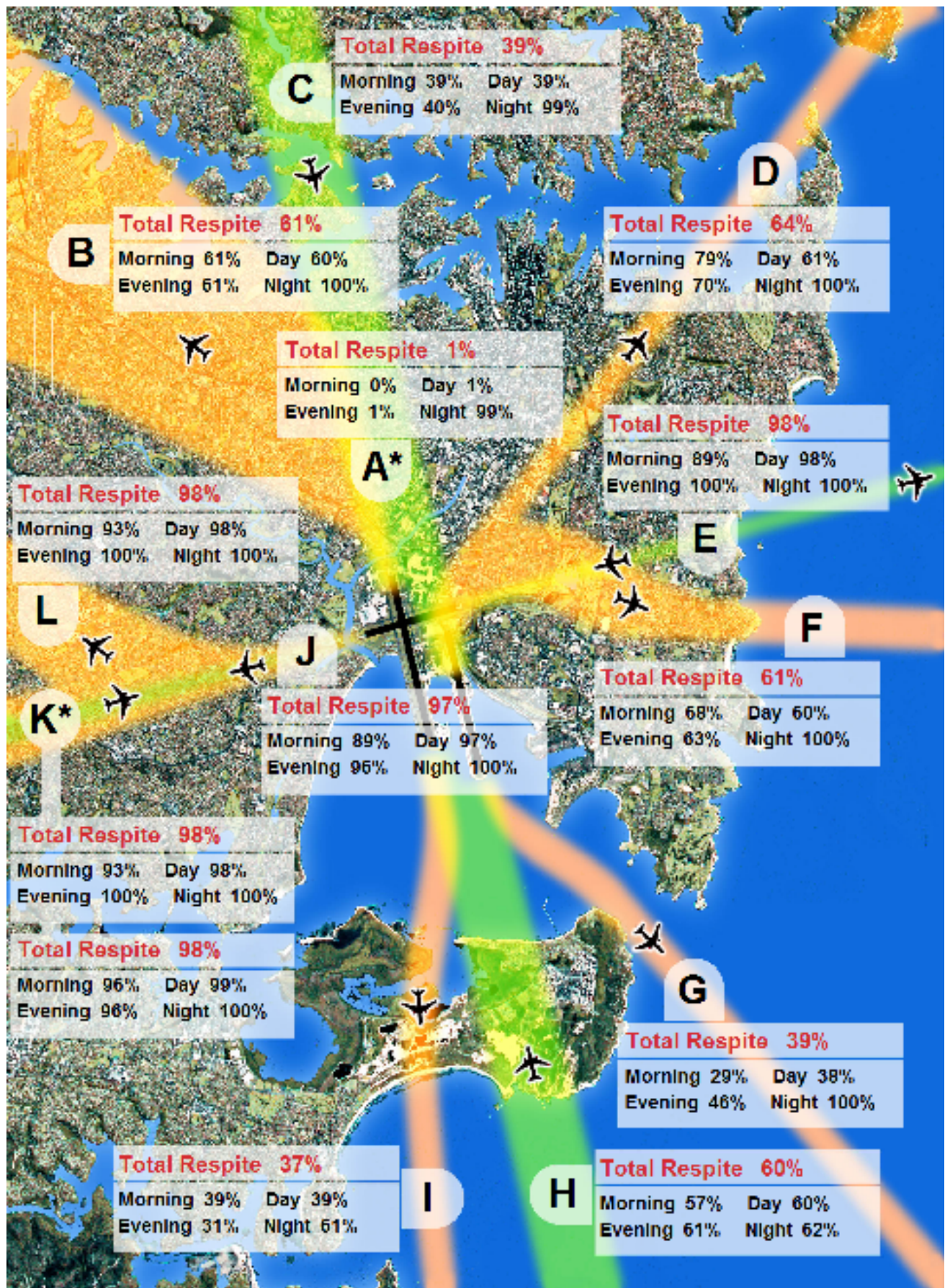
1 Mar 2016 to 28 Feb 2017, All Jets



Note : Track A* is Tracks B and C combined. Track K* shows departures (top box) and arrivals (bottom box).

Sydney Airport : Jet Aircraft Respite (R60)

1 Feb 2017 to 28 Feb 2017, All Jets



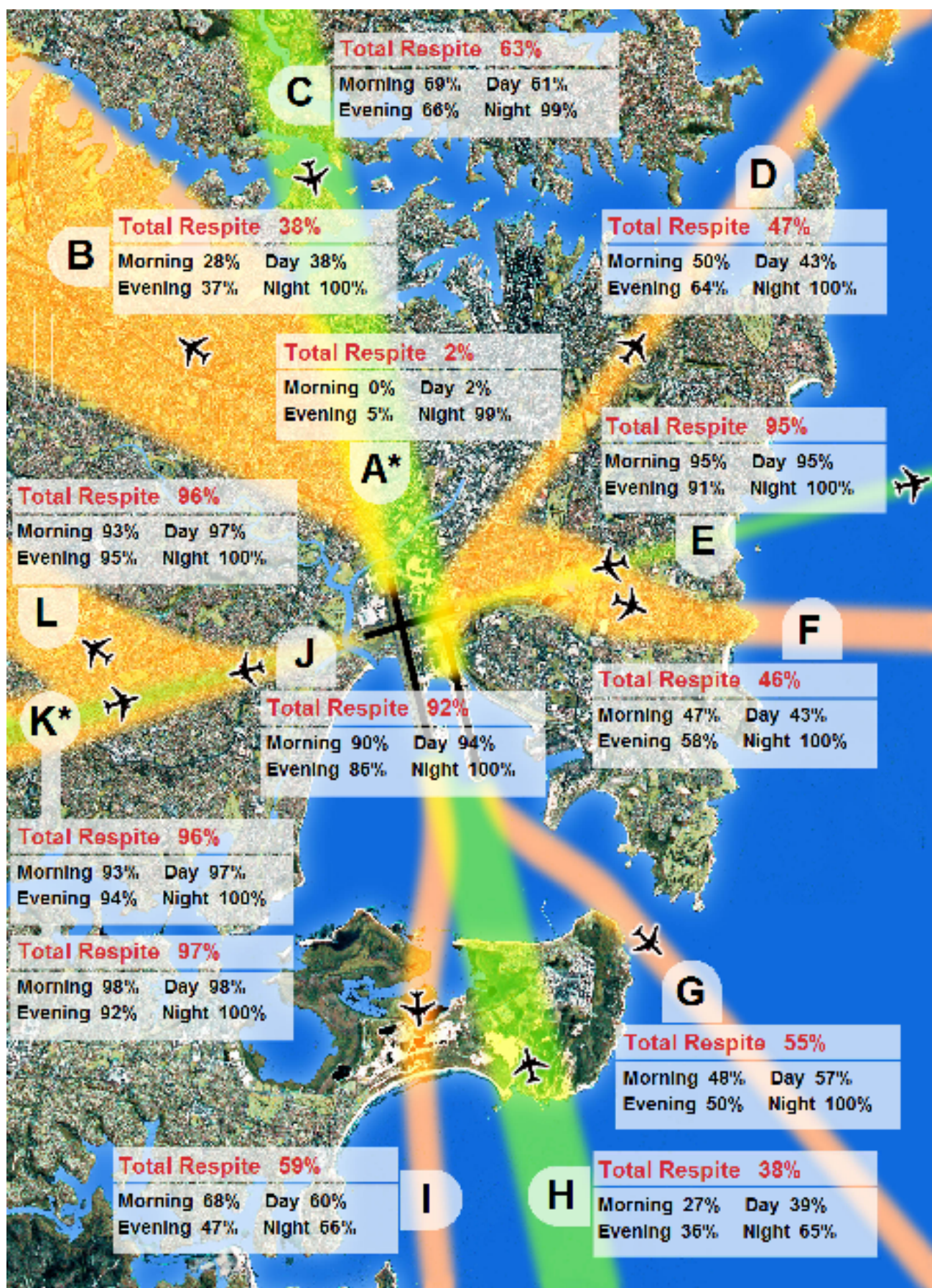
Note : Track A* is Tracks B and C combined. Track K* shows departures (top box) and arrivals (bottom box).

A respite interval is a 60 minutes period when there are no jet movements (R60).

Morning: 06:00 to 07:00 Day: 07:00 to 20:00 Evening: 20:00 to 23:00 Night: 23:00 to 06:00
Total Respite: 06:00 to 23:00

Sydney Airport : Jet Aircraft Respite (R60)

1 Mar 2016 to 28 Feb 2017, All Jets



Note : Track A* is Tracks B and C combined. Track K* shows departures (top box) and arrivals (bottom box).

A respite interval is a 60 minutes period when there are no jet movements (R60).

Morning: 06:00 to 07:00 Day: 07:00 to 20:00 Evening: 20:00 to 23:00 Night: 23:00 to 06:00
Total Respite: 06:00 to 23:00

Sydney Airport - Jet Flight Path Movements (Explanation) March 2016 to February 2017

The flight path bands depicted in the diagram are indicative only and are used to illustrate how the noise is being shared. Some flight tracks will be outside the bands indicated.

- The diagram shows only jet flight tracks and movements. Propeller flight tracks and movements are not shown.
- Percentages and average daily movement numbers have been rounded.
- The information presented in the movements and respite summary statistics sheets is derived from Airservices Australia's NFPMS.

	Description	Notes
A	Inner north	
	Arrivals from and departures to the north (L16L, L16R, D34L)	
B	North-west	Area mainly gets overflights (departures) from Mode 9 . Due to seasonal changes in wind patterns the highest use of this Mode was in May 2016 .
	Departures off runway 34L	
C	North shore	Area mainly gets overflights (arrivals) from Mode 10 . Due to seasonal changes in wind patterns the highest use of this Mode was in February 2017 .
	Arrivals from the north on runways 16L and 16R	
D	North-east	Area gets overflights (departures) from Mode 9 . Due to seasonal changes in wind patterns the highest use of Mode 9 was in May 2016 .
	Departures off runway 34R to the north-east	
E	East – Coogee	Area mainly gets overflights (arrivals) from Mode 5 . Due to seasonal changes in wind patterns the highest use of this Mode was in June 2016 .
	Arrivals on runway 25 and departures from runway 07	
F	East – Maroubra	Area gets overflights (departures) from Mode 9 . Due to seasonal changes in wind patterns the highest use of Mode 9 was in May 2016 .
	Departures from runway 34R that turn hard east	
G	South – Botany Bay Heads	
	Departures from runway 16L	
H	South – Kurnell Peninsula	Area gets overflights (arrivals) from Modes 9 & 7 . Due to seasonal changes in wind patterns the highest use of Mode 9 was in May 2016 and Mode 7 was in June 2016 .
	Arrivals on runways 34L and 34R	
I	South – Kurnell Sand Hills	
	Departures from runway 16R	
J,K & L	West	Area mainly gets overflights from Modes 7 & 8 (departures) and Mode 14A (arrivals). Due to seasonal changes in wind patterns the highest use of Mode 7 was in June 2016 , Mode 14A in April 2016 & Mode 8 has not been used during the past 12 months.
	Arrivals on runway 07 and departures from runway 25	

Sydney Airport - Jet Aircraft Respite (R60) (Explanation)

Respite

The respite figures in the map are based on the concept of a **respice hour** being a **whole clock hour** where there are **no aircraft movements**.

Total Respite	takes into account all 7 days of the week and is based on the total number of clock hours during the period 6am to 11pm, for the period March 2016 to February 2017, during which there were no movements.
Morning Respite	is based on the above criteria for the period 6am to 7am for all 7 days of the week.
Day Respite	is based on the above criteria for the period 7am to 8pm for all 7 days of the week.
Evening Respite	is based on the above criteria for the period 8pm to 11pm for all 7 days of the week.
Curfew (Night)	is based on the above criteria for the period 11pm to 6am for all 7 days of the week.

The percentage figure for a category of respite refers to the proportion of the total possible number of respite hours for that category for the date period.

Notes

- Propeller movements have not been taken into account.
- The information presented in the map is derived from the Airport Noise and Operations Management System (ANOMS) data and is subject to change.
- The flight path bands depicted in the map are indicative only and are used to illustrate the extent of respite in different areas. Some jet movements will be outside the bands indicated.

Measured Daily N70 Values

Description

Airservices Australia maintains and operates a Noise and Flight path Monitoring System (NFPMS) at all the major Australian airports. Environmental Services at Airservices Australia's head office located in Canberra regularly reports on aircraft flight paths and noise for each major Airport. The data appearing here is a summary of the N70 noise data for Sydney Airport for February 2017.



Figure 1. NMT sites about Sydney Airport and the daily N70 values for the month of February 2017

The measured daily N70 value is the average daily number of aircraft noise events whose maximum noise level (LAmax) equals or exceeds 70dBA.

The daily N70 values for the various NMTs and their positions in Sydney are displayed in Figure 1. The total number of Correlated Noise Events (CNE) and the number of days each NMT was operational during February 2017 along with the Daily N70 values for the three months up to and including February are given in Table 1.

Location	CNE Feb	Operational Days Feb	N70 Feb	N70 Jan	N70 Dec
<i>Threshold rwy 34</i>	9,209	27.9	322	336	360
<i>Penshurst</i>	190	27.9	5	10	3
<i>Bexley</i>	198	27.9	6	11	5
<i>Sydenham</i>	5,982	27.9	214	190	188
<i>Johnston St Annandale</i>	3,385	26.1	106	83	63
<i>Church St. St Peters</i>	5,174	27.9	135	113	95
<i>Leichhardt PEMU 36</i>	4,523	27.9	154	124	96
<i>Eastlakes</i>	1,877	27.9	50	59	68
<i>Coogee</i>	417	27.9	7	6	15
<i>Kurnell</i>	2,090	27.9	70	79	108
<i>Croydon</i>	494	27.9	12	13	18
<i>Hunters Hill</i>	6,422	27.9	105	88	61

Table 1 Results for each Noise Monitoring Terminal for the three months up to and including February 2017.

The N70 values for February 2017 have also been calculated for six different periods:

- Morning N70 value (AM), correlated noise events between 6:00am and 7:00am.
- Evening N70 value (PM), between 8:00pm and 11:00pm.
- Daytime N70 value (Day), between 7:00am and 8:00pm
- Night N70 value (Night), between 11:00pm and 6:00am
- Weekend Day N70 value (WE_D), between 6:00am and 11:00pm Saturday and Sunday.
- Weekend Night N70 value (WE_N), between midnight Friday to 6:00am
- Saturday, 11:00pm Saturday to 6:00am Sunday and 11:00pm to midnight on Sunday

These results are contained in Table 2.

Runway 34L AM 14 PM 48 Day 235 Night 11 WE_D 310 WE_N 8	Penshurst AM 0 PM 0 Day 2 Night 0 WE_D 9 WE_N 0	Bexley AM 1 PM 0 Day 4 Night 0 WE_D 9 WE_N 0	Eastlakes AM 2 PM 5 Day 40 Night 0 WE_D 56 WE_N 0
Coogee AM 1 PM 0 Day 4 Night 0 WE_D 9 WE_N 0	Sydenham AM 9 PM 34 Day 179 Night 0 WE_D 188 WE_N 1	Leichhardt PEMU36 AM 7 PM 25 Day 138 Night 1 WE_D 109 WE_N 1	Kurnell AM 1 PM 8 Day 50 Night 0 WE_D 95 WE_N 0
Annandale AM 1 PM 12 Day 107 Night 0 WE_D 74 WE_N 0	St Peters AM 2 PM 18 Day 125 Night 0 WE_D 108 WE_N 0	Croydon AM 1 PM 2 Day 7 Night 0 WE_D 17 WE_N 0	Hunters Hull AM 6 PM 17 Day 91 Night 0 WE_D 74 WE_N 1

Table 2. N70 values for the different periods of the day.

Due to normal maintenance activities and occasional upgrading of the system any one NMT may not have been operational for the entire sample period. As a result the average at each NMT is performed only for the period in which the NMT was operating; this ensures the daily N70 figure is not influenced by NMT downtime.

DISCLAIMER

The Sydney Airport Operational Statistics report contains a summary of data collected over the specified period and is intended to convey the best information available at the time from the Noise and Flight Path Monitoring System (NFPMS), Noise Complaint Monitoring System (NCMS) and Transparent Noise Information Package (TNIP). These system databases and programs are to some extent dependent upon external sources and errors may occur. All care is taken in preparation of the report but its complete accuracy cannot be guaranteed. Airservices Australia does not accept any legal liability for any losses arising from reliance upon data in this report which may be found to be inaccurate.