

Sydney Airport Operational Statistics

June 2016

PREVIEW

Sydney Airport Operational Statistics Report Preview

June 2016

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

There were a total of 26,336 aircraft movements this month (daily average 877.87). Last month there were a total of 27,197 movements (daily average 877.32) and for the same month last year there were a total of 26,258 movements (daily average 875.27).

Mode Utilisation (refer pages 12 & 14)

Individual mode use in excess of 9 hours occurred on 24 days this month, Mode 9 on 18 days, Mode 10 on 5 days and Mode 12 on 1 day. Crossing runway modes (including Sodprops) were used for 24.38% 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 25.71% - This result is above the LTOP target and above the previous month (24.66%)

South 50.23% - This result is below the LTOP target and below the previous month (51.69%)

East 20.53% - This result is above the LTOP target and below the previous month (20.81%)

West 3.53% - This result is below the LTOP target and above the previous month (2.83%)

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

This procedure was not used in June

Noise Complaints & Information Service Airservices Australia

telephone	1-800-802-584
facsimile	(02) 9556-6641
e-mail	ncis@airservicesaustralia.com
internet	www.airservicesaustralia.com

Table of Contents

Preview	1
Table of Contents.....	2
Sydney Airport Runways	3
Runway Modes of Operation.....	4
Preferred Runway Selection.....	5
Runway Movement Summary – All Aircraft	6
Runway Movement Summary – Jet Aircraft only	7
Runway Movement Summary – Non Jet Aircraft only.....	8
Hourly Runway Movement Summary– All Movements	9
Hourly Runway Movement Summary – Arrivals	10
Hourly Runway Movement Summary – Departures.....	11
Mode Utilisation Summary / Cumulative Mode Utilisation from 1 January 2016	12
Runway End Impact.....	13
Daily Mode Usage.....	14
PRM Statistics.....	15
Noise Enquiry Service.....	16
Jet Flight Path Movements * (1 - 30 June 2016).....	17
Jet Flight Path Movements * (1 July 2015 - 30 June 2016).....	18
Jet Aircraft Respite (R60) * (1 - 30 June 2016).....	19
Jet Aircraft Respite (R60) * (1 July 2015 - 30 June 2016).....	20
Jet Flight Path Movements (Explanation)	21
Jet Aircraft Respite (R60) (Explanation)	22
Measured Daily N70 Values	23

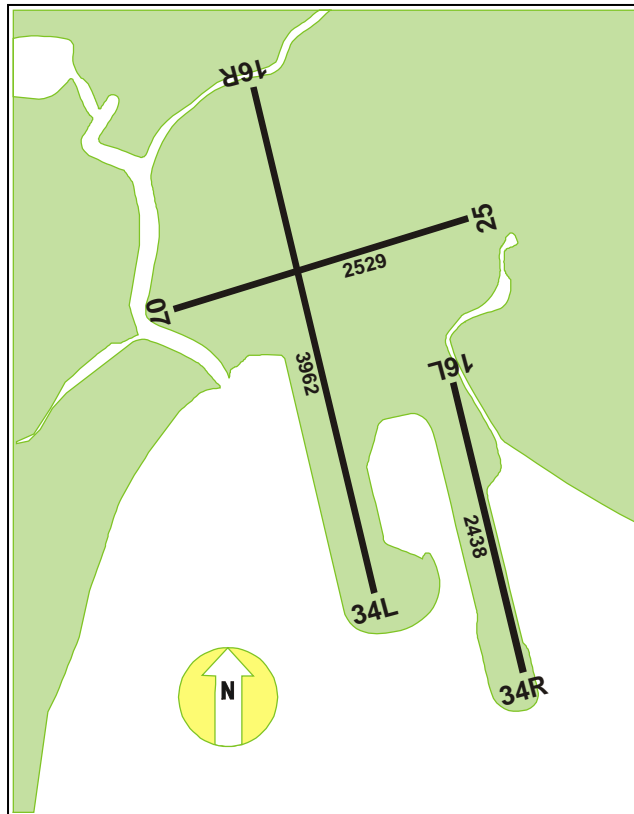
This report is available on the Internet at Airservices Australia website at

www.airservicesaustralia.com

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



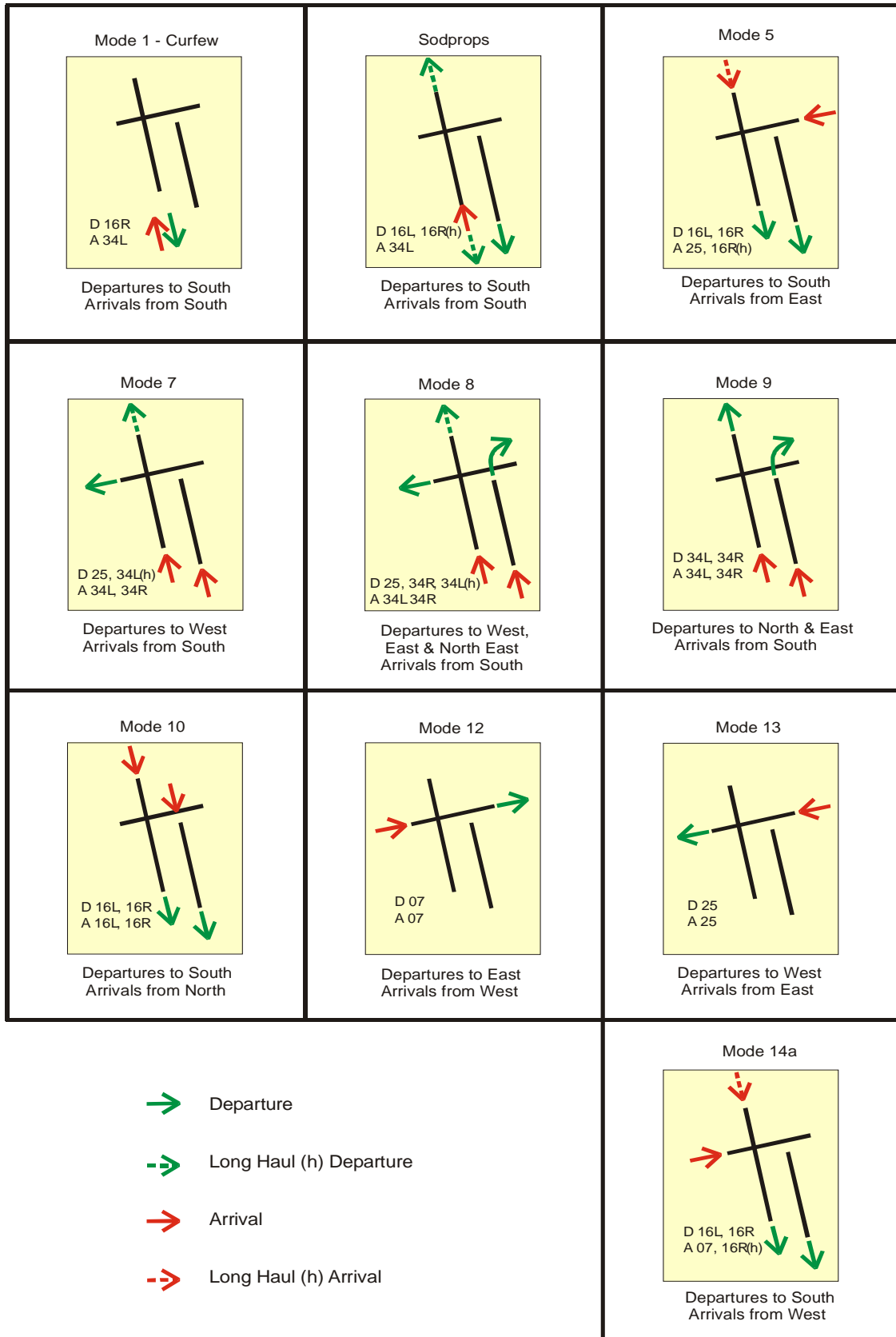
Runway numbers refer to the direction an aircraft is flying.

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-Jun-2016	1	0	1	130	104	234	174	255	429	31	14	45	71	36	107	53	46	99	0	0	0	915
02-Jun-2016	48	1	49	106	115	221	131	230	361	34	0	34	87	54	141	59	71	130	0	0	0	936
03-Jun-2016	0	0	0	189	159	348	242	297	539	0	0	0	51	20	71	9	16	25	0	0	0	983
04-Jun-2016	148	121	269	0	0	0	0	1	1	0	0	0	121	122	243	69	75	144	0	0	0	657
05-Jun-2016	235	249	484	23	20	43	53	55	108	20	17	37	7	15	22	0	0	0	0	0	0	694
06-Jun-2016	0	0	0	0	0	0	0	4	4	0	74	74	272	191	463	182	184	366	0	0	0	907
07-Jun-2016	0	0	0	0	39	39	0	7	7	0	16	16	296	187	483	145	187	332	0	0	0	877
08-Jun-2016	0	0	0	0	0	0	0	8	8	0	25	25	278	195	473	172	224	396	0	0	0	902
09-Jun-2016	0	0	0	0	0	0	0	8	8	0	15	15	290	216	506	195	243	438	0	0	0	967
10-Jun-2016	0	0	0	0	14	14	0	6	6	0	0	0	312	228	540	186	250	436	0	0	0	996
11-Jun-2016	0	0	0	6	38	44	17	54	71	54	0	54	189	117	306	85	121	206	0	0	0	681
12-Jun-2016	1	0	1	110	128	238	164	201	365	0	1	1	74	29	103	0	0	0	0	0	0	708
13-Jun-2016	1	0	1	0	9	9	0	2	2	0	45	45	265	186	451	153	189	342	0	0	0	850
14-Jun-2016	1	0	1	0	45	45	0	2	2	0	0	0	294	193	487	148	205	353	0	0	0	888
15-Jun-2016	1	0	1	0	101	101	0	7	7	0	0	0	327	193	520	122	153	275	0	0	0	904
16-Jun-2016	0	0	0	0	0	0	0	7	7	0	20	20	284	205	489	196	241	437	0	0	0	953
17-Jun-2016	0	0	0	0	0	0	0	8	8	0	8	8	295	224	519	208	267	475	0	0	0	1010
18-Jun-2016	0	0	0	15	24	39	40	97	137	85	0	85	129	105	234	87	110	197	0	0	0	692
19-Jun-2016	1	0	1	108	96	204	162	211	373	1	0	1	77	53	130	45	48	93	0	0	0	802
20-Jun-2016	0	0	0	0	0	0	0	2	2	0	0	0	296	200	496	156	251	407	0	0	0	905
21-Jun-2016	0	0	0	0	0	0	0	8	8	0	48	48	271	179	450	175	207	382	0	0	0	888
22-Jun-2016	0	0	0	0	0	0	0	8	8	1	12	13	280	205	485	163	234	397	0	0	0	903
23-Jun-2016	1	0	1	0	0	0	0	8	8	1	18	19	285	199	484	193	247	440	0	0	0	952
24-Jun-2016	0	0	0	0	0	0	0	5	5	133	148	281	208	152	360	129	165	294	0	0	0	940
25-Jun-2016	0	0	0	72	117	189	123	140	263	26	0	26	120	58	178	40	49	89	0	0	0	745
26-Jun-2016	0	0	0	0	50	50	0	0	0	0	0	0	295	200	495	136	196	332	0	0	0	877
27-Jun-2016	0	0	0	91	61	152	136	155	291	0	9	9	146	119	265	99	124	223	0	0	0	940
28-Jun-2016	0	0	0	144	170	314	215	275	490	54	0	54	50	21	71	5	4	9	0	0	0	938
29-Jun-2016	1	0	1	0	23	23	0	9	9	1	0	1	311	211	522	158	236	394	0	0	0	950
30-Jun-2016	0	0	0	0	0	0	0	7	7	0	20	20	291	207	498	199	252	451	0	0	0	976
Total	439	371	810	994	1313	2307	1457	2077	3534	441	490	931	6272	4320	10592	3567	4595	8162	0	0	0	26336

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-Jun-2016	1	0	1	80	73	153	129	193	322	28	13	41	59	14	73	36	36	72	0	0	0	662
02-Jun-2016	33	0	33	63	83	146	100	173	273	32	0	32	67	31	98	42	56	98	0	0	0	680
03-Jun-2016	0	0	0	126	116	242	182	212	394	0	0	0	48	18	66	5	16	21	0	0	0	723
04-Jun-2016	122	97	219	0	0	0	0	0	0	0	0	0	102	99	201	42	61	103	0	0	0	523
05-Jun-2016	197	202	399	10	15	25	47	40	87	14	13	27	6	15	21	0	0	0	0	0	0	559
06-Jun-2016	0	0	0	0	0	0	0	3	3	0	55	55	218	123	341	118	150	268	0	0	0	667
07-Jun-2016	0	0	0	0	31	31	0	5	5	0	14	14	236	115	351	87	152	239	0	0	0	640
08-Jun-2016	0	0	0	0	0	0	0	6	6	0	22	22	217	114	331	105	184	289	0	0	0	648
09-Jun-2016	0	0	0	0	0	0	0	7	7	0	14	14	228	132	360	130	202	332	0	0	0	713
10-Jun-2016	0	0	0	0	14	14	0	4	4	0	0	0	251	143	394	117	207	324	0	0	0	736
11-Jun-2016	0	0	0	6	33	39	14	45	59	49	0	49	148	83	231	56	103	159	0	0	0	537
12-Jun-2016	0	0	0	78	100	178	139	161	300	0	0	0	63	24	87	0	0	0	0	0	0	565
13-Jun-2016	0	0	0	0	9	9	0	1	1	0	34	34	221	124	345	100	155	255	0	0	0	644
14-Jun-2016	0	0	0	0	39	39	0	2	2	0	0	0	235	112	347	86	172	258	0	0	0	646
15-Jun-2016	1	0	1	0	83	83	0	5	5	0	0	0	251	113	364	75	131	206	0	0	0	659
16-Jun-2016	0	0	0	0	0	0	0	5	5	0	19	19	222	125	347	131	196	327	0	0	0	698
17-Jun-2016	0	0	0	0	0	0	0	7	7	0	7	7	237	137	374	135	223	358	0	0	0	746
18-Jun-2016	0	0	0	12	20	32	33	77	110	71	0	71	104	75	179	52	90	142	0	0	0	534
19-Jun-2016	0	0	0	81	70	151	132	167	299	1	0	1	64	36	100	33	41	74	0	0	0	625
20-Jun-2016	0	0	0	0	0	0	0	2	2	0	0	0	229	121	350	102	209	311	0	0	0	663
21-Jun-2016	0	0	0	0	0	0	0	7	7	0	36	36	212	109	321	109	166	275	0	0	0	639
22-Jun-2016	0	0	0	0	0	0	0	5	5	0	12	12	217	125	342	102	192	294	0	0	0	653
23-Jun-2016	0	0	0	0	0	0	0	6	6	0	15	15	224	119	343	126	203	329	0	0	0	693
24-Jun-2016	0	0	0	0	0	0	0	3	3	110	105	215	161	101	262	80	142	222	0	0	0	702
25-Jun-2016	0	0	0	43	105	148	102	111	213	20	0	20	108	39	147	31	39	70	0	0	0	598
26-Jun-2016	0	0	0	0	44	44	0	0	0	0	0	0	239	134	373	102	167	269	0	0	0	686
27-Jun-2016	0	0	0	61	39	100	113	117	230	0	9	9	115	81	196	62	105	167	0	0	0	702
28-Jun-2016	0	0	0	87	130	217	175	192	367	33	0	33	46	19	65	4	3	7	0	0	0	689
29-Jun-2016	0	0	0	0	22	22	0	7	7	1	0	1	242	125	367	98	195	293	0	0	0	690
30-Jun-2016	0	0	0	0	0	0	0	6	6	0	19	19	226	130	356	143	208	351	0	0	0	732
Total	354	299	653	647	1026	1673	1166	1569	2735	359	387	746	4996	2736	7732	2309	3804	6113	0	0	0	19652

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-Jun-2016	0	0	0	50	31	81	45	62	107	3	1	4	12	22	34	17	10	27	0	0	0	253
02-Jun-2016	15	1	16	43	32	75	31	57	88	2	0	2	20	23	43	17	15	32	0	0	0	256
03-Jun-2016	0	0	0	63	43	106	60	85	145	0	0	0	3	2	5	4	0	4	0	0	0	260
04-Jun-2016	26	24	50	0	0	0	0	1	1	0	0	0	19	23	42	27	14	41	0	0	0	134
05-Jun-2016	38	47	85	13	5	18	6	15	21	6	4	10	1	0	1	0	0	0	0	0	0	135
06-Jun-2016	0	0	0	0	0	0	0	1	1	0	19	19	54	68	122	64	34	98	0	0	0	240
07-Jun-2016	0	0	0	0	8	8	0	2	2	0	2	2	60	72	132	58	35	93	0	0	0	237
08-Jun-2016	0	0	0	0	0	0	0	2	2	0	3	3	61	81	142	67	40	107	0	0	0	254
09-Jun-2016	0	0	0	0	0	0	0	1	1	0	1	1	62	84	146	65	41	106	0	0	0	254
10-Jun-2016	0	0	0	0	0	0	0	2	2	0	0	0	61	85	146	69	43	112	0	0	0	260
11-Jun-2016	0	0	0	0	5	5	3	9	12	5	0	5	41	34	75	29	18	47	0	0	0	144
12-Jun-2016	1	0	1	32	28	60	25	40	65	0	1	1	11	5	16	0	0	0	0	0	0	143
13-Jun-2016	1	0	1	0	0	0	0	1	1	0	11	11	44	62	106	53	34	87	0	0	0	206
14-Jun-2016	1	0	1	0	6	6	0	0	0	0	0	0	59	81	140	62	33	95	0	0	0	242
15-Jun-2016	0	0	0	0	18	18	0	2	2	0	0	0	76	80	156	47	22	69	0	0	0	245
16-Jun-2016	0	0	0	0	0	0	0	2	2	0	1	1	62	80	142	65	45	110	0	0	0	255
17-Jun-2016	0	0	0	0	0	0	0	1	1	0	1	1	58	87	145	73	44	117	0	0	0	264
18-Jun-2016	0	0	0	3	4	7	7	20	27	14	0	14	25	30	55	35	20	55	0	0	0	158
19-Jun-2016	1	0	1	27	26	53	30	44	74	0	0	0	13	17	30	12	7	19	0	0	0	177
20-Jun-2016	0	0	0	0	0	0	0	0	0	0	0	0	67	79	146	54	42	96	0	0	0	242
21-Jun-2016	0	0	0	0	0	0	0	1	1	0	12	12	59	70	129	66	41	107	0	0	0	249
22-Jun-2016	0	0	0	0	0	0	0	3	3	1	0	1	63	80	143	61	42	103	0	0	0	250
23-Jun-2016	1	0	1	0	0	0	0	2	2	1	3	4	61	80	141	67	44	111	0	0	0	259
24-Jun-2016	0	0	0	0	0	0	0	2	2	23	43	66	47	51	98	49	23	72	0	0	0	238
25-Jun-2016	0	0	0	29	12	41	21	29	50	6	0	6	12	19	31	9	10	19	0	0	0	147
26-Jun-2016	0	0	0	0	6	6	0	0	0	0	0	0	56	66	122	34	29	63	0	0	0	191
27-Jun-2016	0	0	0	30	22	52	23	38	61	0	0	0	31	38	69	37	19	56	0	0	0	238
28-Jun-2016	0	0	0	57	40	97	40	83	123	21	0	21	4	2	6	1	1	2	0	0	0	249
29-Jun-2016	1	0	1	0	1	1	0	2	2	0	0	0	69	86	155	60	41	101	0	0	0	260
30-Jun-2016	0	0	0	0	0	0	0	1	1	0	1	1	65	77	142	56	44	100	0	0	0	244
Total	85	72	157	347	287	634	291	508	799	82	103	185	1276	1584	2860	1258	791	2049	0	0	0	6684

(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-Jun-2016	2	1	0	4	0	4	41	69	67	67	73	60	47	39	54	55	49	65	73	58	35	26	23	3	915
02-Jun-2016	1	1	1	5	0	3	42	67	78	64	70	69	52	39	54	56	51	60	60	68	34	30	27	4	936
03-Jun-2016	3	2	0	2	2	3	41	59	77	71	69	64	47	52	60	63	56	63	69	70	31	43	32	4	983
04-Jun-2016	0	1	1	0	1	3	30	39	56	64	61	58	42	33	38	36	41	34	35	36	17	21	10	0	657
05-Jun-2016	1	0	1	1	1	2	21	27	38	40	42	44	39	41	47	43	49	45	45	43	38	42	34	10	694
06-Jun-2016	0	0	0	1	0	2	42	61	67	63	61	59	48	52	50	54	55	61	76	60	35	28	28	4	907
07-Jun-2016	4	0	1	1	3	3	40	75	73	66	69	52	43	41	46	48	47	61	66	59	28	26	22	3	877
08-Jun-2016	5	0	1	5	0	3	41	75	77	57	65	55	46	36	56	52	47	68	67	57	33	27	26	3	902
09-Jun-2016	3	0	0	3	1	3	45	74	76	63	66	70	52	38	58	45	65	65	68	61	45	37	25	4	967
10-Jun-2016	3	2	0	3	1	3	47	73	72	69	65	74	49	39	60	64	64	66	72	71	41	36	22	0	996
11-Jun-2016	0	0	0	0	0	3	34	49	71	58	64	66	46	37	45	42	27	35	26	34	14	20	8	2	681
12-Jun-2016	0	1	0	1	0	3	29	34	47	53	53	51	44	38	51	47	50	55	42	41	27	26	12	3	708
13-Jun-2016	1	0	1	0	1	3	36	44	62	56	74	53	45	34	54	56	56	59	74	59	33	30	17	2	850
14-Jun-2016	1	1	2	0	1	3	46	73	75	70	67	58	45	37	49	46	47	64	66	62	31	25	17	2	888
15-Jun-2016	1	1	3	1	2	2	41	68	77	67	67	52	43	41	54	49	51	68	69	58	28	31	27	3	904
16-Jun-2016	4	0	0	3	1	3	40	66	75	63	64	72	57	36	58	50	59	63	70	63	38	35	27	6	953
17-Jun-2016	3	0	1	3	1	3	36	72	78	69	74	65	49	54	65	61	57	67	78	67	40	39	26	2	1010
18-Jun-2016	2	0	0	0	0	4	30	46	66	60	67	62	39	45	48	44	27	35	34	31	16	22	14	0	692
19-Jun-2016	0	0	0	0	1	4	32	34	52	48	48	60	47	41	56	51	48	55	58	56	43	36	32	0	802
20-Jun-2016	0	0	0	0	0	3	43	65	79	63	72	56	43	40	61	52	56	62	67	54	34	25	27	3	905
21-Jun-2016	2	2	0	1	2	4	41	76	75	62	67	59	46	37	48	51	51	64	66	55	28	27	20	4	888
22-Jun-2016	3	0	2	2	2	3	39	66	78	68	67	58	43	36	54	52	50	66	65	58	31	32	24	4	903
23-Jun-2016	1	0	1	3	1	4	42	72	80	61	70	62	58	41	50	56	50	63	71	60	36	36	27	7	952
24-Jun-2016	2	2	2	3	1	2	40	69	81	65	73	72	48	38	47	52	50	49	55	58	51	43	36	1	940
25-Jun-2016	1	0	0	1	0	2	30	42	70	71	68	65	46	40	56	45	39	41	35	38	14	25	15	1	745
26-Jun-2016	0	0	1	0	0	2	27	40	54	53	61	55	57	45	55	54	63	62	77	70	42	34	25	0	877
27-Jun-2016	1	1	0	1	1	3	48	78	64	74	73	63	47	44	51	57	53	57	69	61	33	28	28	5	940
28-Jun-2016	3	2	0	4	1	3	48	76	69	73	68	60	41	43	50	58	55	70	62	58	35	31	23	5	938
29-Jun-2016	3	0	1	2	2	3	44	69	79	70	66	67	45	41	59	58	50	68	69	60	31	35	24	4	950
30-Jun-2016	2	1	2	3	0	5	43	68	79	70	72	67	51	44	57	54	55	55	73	67	42	34	31	1	976
Total	52	18	21	53	26	91	1159	1826	2092	1898	1976	1828	1405	1222	1591	1551	1518	1746	1857	1693	984	930	709	90	26336
Avg.	1.73	0.60	0.70	1.77	0.87	3.03	38.63	60.87	69.73	63.27	65.87	60.93	46.83	40.73	53.03	51.70	50.60	58.20	61.90	56.43	32.80	31.00	23.63	3.00	877.87

(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-Jun-2016	0	0	0	2	0	4	27	33	34	35	34	23	23	20	28	24	24	34	40	28	22	14	10	1	460
02-Jun-2016	0	0	1	2	0	3	27	37	38	31	31	31	20	20	23	24	26	33	35	32	19	17	13	2	465
03-Jun-2016	1	1	0	2	0	3	26	35	36	38	26	28	22	25	30	28	26	34	35	34	17	24	18	2	491
04-Jun-2016	0	0	1	0	1	3	22	25	28	33	25	26	20	13	18	22	21	18	19	19	12	10	2	0	338
05-Jun-2016	1	0	0	1	0	2	15	18	19	19	21	21	18	20	21	13	18	18	26	21	21	25	17	3	338
06-Jun-2016	0	0	0	1	0	2	26	26	43	29	21	29	21	27	24	24	29	34	41	27	21	16	12	1	454
07-Jun-2016	1	0	1	1	1	3	23	43	38	32	29	27	17	19	23	20	27	32	38	25	15	15	10	1	441
08-Jun-2016	2	0	1	3	0	3	25	39	38	28	24	28	22	19	27	21	24	40	36	24	18	17	10	1	450
09-Jun-2016	1	0	0	2	0	3	26	42	35	34	29	29	22	20	31	19	29	36	36	31	25	23	10	2	485
10-Jun-2016	0	2	0	2	0	3	28	43	33	37	24	33	25	18	31	28	31	36	40	28	20	23	13	0	498
11-Jun-2016	0	0	0	0	0	3	26	32	36	24	23	32	21	16	27	18	18	19	15	21	8	8	3	1	351
12-Jun-2016	0	1	0	1	0	3	23	19	23	25	20	19	18	15	26	19	24	33	20	23	16	14	5	2	349
13-Jun-2016	0	0	1	0	1	3	26	23	28	25	31	22	15	18	27	25	32	32	40	25	22	13	9	1	419
14-Jun-2016	1	0	2	0	1	3	27	41	37	34	27	28	17	19	25	18	26	33	34	32	19	10	8	1	443
15-Jun-2016	1	1	1	0	1	2	24	38	38	34	25	23	19	24	24	19	26	42	34	26	16	19	13	0	450
16-Jun-2016	2	0	0	2	0	3	24	40	35	29	30	28	27	17	30	24	31	36	35	30	20	21	13	3	480
17-Jun-2016	1	0	1	2	0	3	22	41	41	30	30	27	25	25	34	28	26	40	36	31	23	21	15	1	503
18-Jun-2016	2	0	0	0	0	4	22	31	32	25	27	26	21	21	27	20	12	24	18	19	8	12	5	0	356
19-Jun-2016	0	0	0	0	1	4	24	21	25	23	19	23	15	18	25	22	24	28	28	29	22	21	22	0	394
20-Jun-2016	0	0	0	0	0	3	25	41	36	26	30	25	20	20	32	24	26	35	33	31	16	15	12	2	452
21-Jun-2016	0	1	0	1	1	3	26	42	37	28	34	28	17	20	21	21	27	36	34	30	14	17	6	2	446
22-Jun-2016	1	0	1	1	1	3	20	39	39	30	29	24	21	19	26	19	27	38	30	31	15	19	10	1	444
23-Jun-2016	0	0	1	2	0	4	25	42	39	29	29	31	23	19	24	24	26	41	36	30	18	21	13	3	480
24-Jun-2016	0	1	1	1	1	2	20	40	46	32	26	35	19	23	23	24	23	20	31	28	27	23	23	1	470
25-Jun-2016	1	0	0	1	0	2	19	26	37	30	29	31	20	23	31	22	20	23	19	20	8	12	7	0	381
26-Jun-2016	0	0	1	0	0	2	18	26	29	25	22	23	22	18	23	28	28	35	41	35	21	18	16	0	431
27-Jun-2016	1	0	0	1	1	3	25	42	35	33	31	29	22	19	24	31	27	33	29	31	19	19	14	3	472
28-Jun-2016	0	1	0	2	0	3	24	41	39	33	30	28	18	23	24	24	29	38	33	29	20	17	11	1	468
29-Jun-2016	1	0	1	1	1	3	25	38	37	34	27	33	18	23	26	28	25	39	32	29	19	20	10	1	471
30-Jun-2016	0	1	2	1	0	4	25	40	36	36	31	32	18	24	30	23	29	33	34	29	28	20	14	0	490
Total	17	9	16	32	11	89	715	1044	1047	901	814	822	606	605	785	684	761	973	958	828	549	524	344	36	13170
Avg.	0.57	0.30	0.53	1.07	0.37	2.97	23.83	34.80	34.90	30.03	27.13	27.40	20.20	20.17	26.17	22.80	25.37	32.43	31.93	27.60	18.30	17.47	11.47	1.20	439.00

(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 – 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-Jun-2016	2	1	0	2	0	0	14	36	33	32	39	37	24	19	26	31	25	31	33	30	13	12	13	2	455
02-Jun-2016	1	1	0	3	0	0	15	30	40	33	39	38	32	19	31	32	25	27	25	36	15	13	14	2	471
03-Jun-2016	2	1	0	0	2	0	15	24	41	33	43	36	25	27	30	35	30	29	34	36	14	19	14	2	492
04-Jun-2016	0	1	0	0	0	0	8	14	28	31	36	32	22	20	20	14	20	16	16	17	5	11	8	0	319
05-Jun-2016	0	0	1	0	1	0	6	9	19	21	21	23	21	21	26	30	31	27	19	22	17	17	17	7	356
06-Jun-2016	0	0	0	0	0	0	16	35	24	34	40	30	27	25	26	30	26	27	35	33	14	12	16	3	453
07-Jun-2016	3	0	0	0	2	0	17	32	35	34	40	25	26	22	23	28	20	29	28	34	13	11	12	2	436
08-Jun-2016	3	0	0	2	0	0	16	36	39	29	41	27	24	17	29	31	23	28	31	33	15	10	16	2	452
09-Jun-2016	2	0	0	1	1	0	19	32	41	29	37	41	30	18	27	26	36	29	32	30	20	14	15	2	482
10-Jun-2016	3	0	0	1	1	0	19	30	39	32	41	41	24	21	29	36	33	30	32	43	21	13	9	0	498
11-Jun-2016	0	0	0	0	0	0	8	17	35	34	41	34	25	21	18	24	9	16	11	13	6	12	5	1	330
12-Jun-2016	0	0	0	0	0	0	6	15	24	28	33	32	26	23	25	28	26	22	22	18	11	12	7	1	359
13-Jun-2016	1	0	0	0	0	0	10	21	34	31	43	31	30	16	27	31	24	27	34	34	11	17	8	1	431
14-Jun-2016	0	1	0	0	0	0	19	32	38	36	40	30	28	18	24	28	21	31	32	30	12	15	9	1	445
15-Jun-2016	0	0	2	1	1	0	17	30	39	33	42	29	24	17	30	30	25	26	35	32	12	12	14	3	454
16-Jun-2016	2	0	0	1	1	0	16	26	40	34	34	44	30	19	28	26	28	27	35	33	18	14	14	3	473
17-Jun-2016	2	0	0	1	1	0	14	31	37	39	44	38	24	29	31	33	31	27	42	36	17	18	11	1	507
18-Jun-2016	0	0	0	0	0	0	8	15	34	35	40	36	18	24	21	24	15	11	16	12	8	10	9	0	336
19-Jun-2016	0	0	0	0	0	0	8	13	27	25	29	37	32	23	31	29	24	27	30	27	21	15	10	0	408
20-Jun-2016	0	0	0	0	0	0	18	24	43	37	42	31	23	20	29	28	30	27	34	23	18	10	15	1	453
21-Jun-2016	2	1	0	0	1	1	15	34	38	34	33	31	29	17	27	30	24	28	32	25	14	10	14	2	442
22-Jun-2016	2	0	1	1	1	0	19	27	39	38	38	34	22	17	28	33	23	28	35	27	16	13	14	3	459
23-Jun-2016	1	0	0	1	1	0	17	30	41	32	41	31	35	22	26	32	24	22	35	30	18	15	14	4	472
24-Jun-2016	2	1	1	2	0	0	20	29	35	33	47	37	29	15	24	28	27	29	24	30	24	20	13	0	470
25-Jun-2016	0	0	0	0	0	0	11	16	33	41	39	34	26	17	25	23	19	18	16	18	6	13	8	1	364
26-Jun-2016	0	0	0	0	0	0	9	14	25	28	39	32	35	27	32	26	35	27	36	35	21	16	9	0	446
27-Jun-2016	0	1	0	0	0	0	23	36	29	41	42	34	25	25	27	26	26	24	40	30	14	9	14	2	468
28-Jun-2016	3	1	0	2	1	0	24	35	30	40	38	32	23	20	26	34	26	32	29	29	15	14	12	4	470
29-Jun-2016	2	0	0	1	1	0	19	31	42	36	39	34	27	18	33	30	25	29	37	31	12	15	14	3	479
30-Jun-2016	2	0	0	2	0	1	18	28	43	34	41	35	33	20	27	31	26	22	39	38	14	14	17	1	486
Total	35	9	5	21	15	2	444	782	1045	997	1162	1006	799	617	806	867	757	773	899	865	435	406	365	54	13166
Avg.	1.17	0.30	0.17	0.70	0.50	0.07	14.80	26.07	34.83	33.23	38.73	33.53	26.63	20.57	26.87	28.90	25.23	25.77	29.97	28.83	14.50	13.53	12.17	1.80	438.87

(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-Jun-16	07:00	00:27	-	02:07	00:59	-	02:37	10:47	-	-	-	-	-
02-Jun-16	07:00	00:24	-	02:03	-	-	04:15	08:17	-	-	01:57	-	-
03-Jun-16	07:00	00:08	-	-	-	-	02:30	14:20	-	-	-	-	-
04-Jun-16	07:00	00:24	-	-	-	-	08:09	-	08:25	-	-	-	-
05-Jun-16	07:00	-	-	00:06	-	-	-	03:15	12:35	01:02	-	-	-
06-Jun-16	07:00	00:18	-	-	04:24	-	12:16	-	-	-	-	-	-
07-Jun-16	07:00	00:20	02:18	-	02:15	-	12:05	-	-	-	-	-	-
08-Jun-16	07:00	00:20	-	-	02:42	-	13:56	-	-	-	-	-	-
09-Jun-16	07:00	00:24	-	-	01:42	-	14:52	-	-	-	-	-	-
10-Jun-16	07:00	00:25	01:56	-	-	-	14:37	-	-	-	-	-	-
11-Jun-16	07:00	00:32	02:12	04:34	-	-	08:41	00:58	-	-	-	-	-
12-Jun-16	07:00	00:37	04:21	-	-	-	-	12:00	-	-	-	-	-
13-Jun-16	07:00	00:27	01:19	-	02:40	-	12:31	-	-	-	-	-	-
14-Jun-16	07:00	00:22	04:07	-	-	-	12:29	-	-	-	-	-	-
15-Jun-16	07:00	00:20	07:33	-	-	-	09:05	-	-	-	-	-	-
16-Jun-16	07:00	00:16	-	-	02:08	-	14:34	-	-	-	-	-	-
17-Jun-16	07:00	00:22	-	-	00:44	-	15:52	-	-	-	-	-	-
18-Jun-16	07:00	00:37	-	06:35	-	-	08:13	01:32	-	-	-	-	-
19-Jun-16	07:00	00:21	-	-	-	-	04:28	12:09	-	-	-	-	-
20-Jun-16	07:00	00:13	-	-	-	-	16:45	-	-	-	-	-	-
21-Jun-16	07:00	00:25	-	-	03:31	-	13:02	-	-	-	-	-	-
22-Jun-16	07:00	00:16	-	-	01:42	-	15:00	-	-	-	-	-	-
23-Jun-16	07:00	00:21	-	-	02:07	-	14:30	-	-	-	-	-	-
24-Jun-16	07:00	00:11	-	-	00:33	-	10:25	-	-	05:48	-	-	-
25-Jun-16	07:00	00:26	04:03	01:15	-	-	03:32	07:41	-	-	-	-	-
26-Jun-16	07:00	00:19	03:40	-	-	-	12:59	-	-	-	-	-	-
27-Jun-16	07:00	00:23	-	-	00:18	-	07:39	08:37	-	-	-	-	-
28-Jun-16	07:00	00:21	01:56	02:30	-	-	00:40	11:30	-	-	-	-	-
29-Jun-16	07:00	00:21	02:39	-	-	-	13:58	-	-	-	-	-	-
30-Jun-16	07:00	00:25	-	-	02:01	-	14:32	-	-	-	-	-	-
Total	210:00	11:13	36:10	19:13	27:53	00:00	294:24	91:13	21:00	06:51	01:57	00:00	00:00
% Used		2.20%	7.09%	3.77%	5.47%	0.00%	57.73%	17.89%	4.12%	1.34%	0.39%	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).

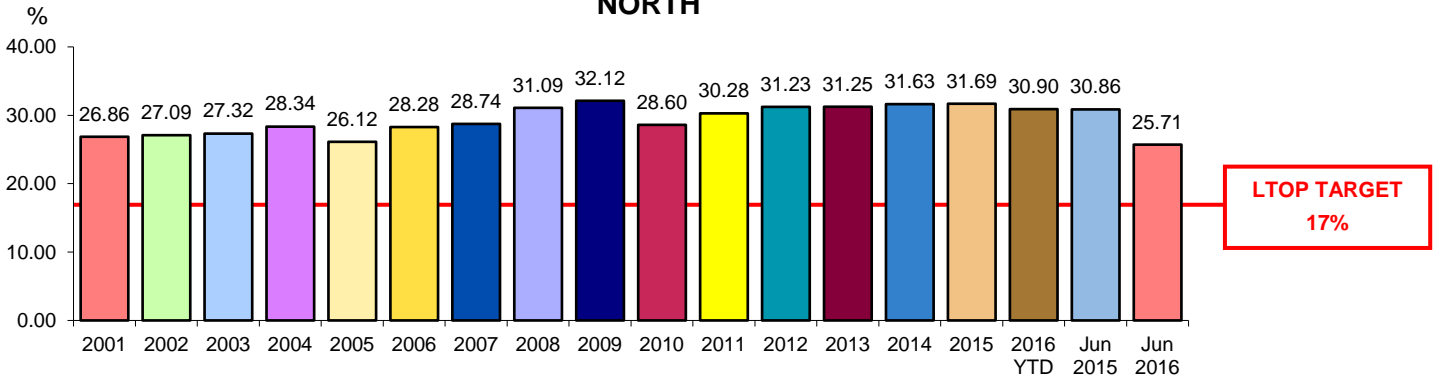
Cumulative Mode Utilisation from 1 January 2016

Time	2.07%	5.99%	1.92%	1.90%	0.00%	49.14%	34.08%	0.74%	0.92%	3.24%	0.00%	0.00%
Movements	0.39%	3.97%	1.23%	1.29%	0.00%	53.48%	36.05%	0.53%	0.84%	2.21%	0.00%	0.00%

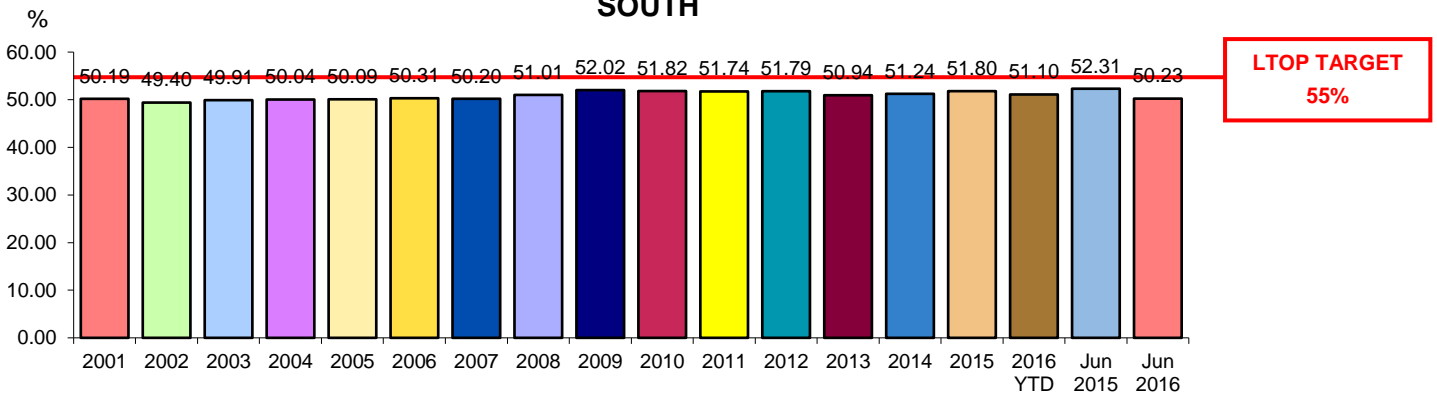
Runway End Impact to 30 June 2016

Includes comparisons with annual figures for 1998 to 2015, 2016 Year to Date, current month this year and corresponding month last year.

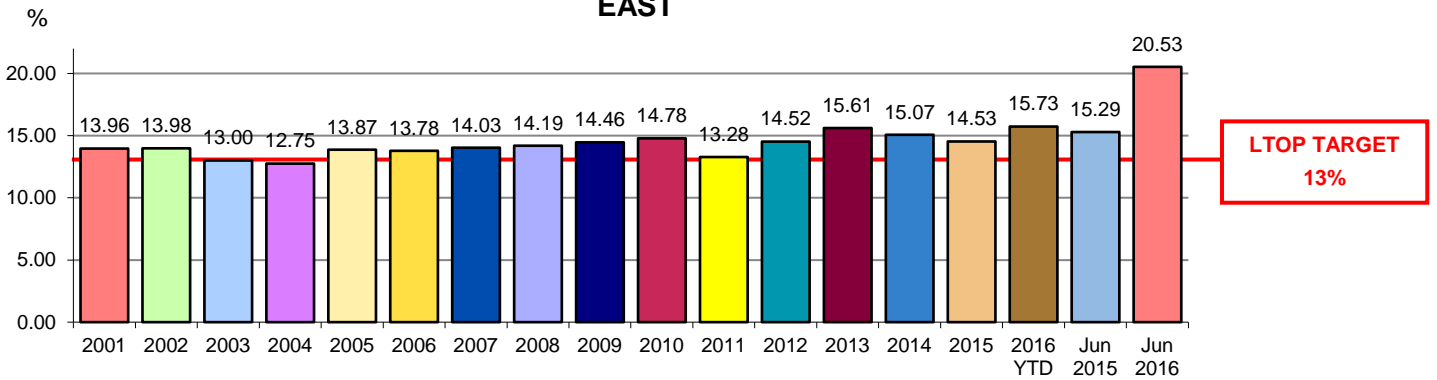
NORTH



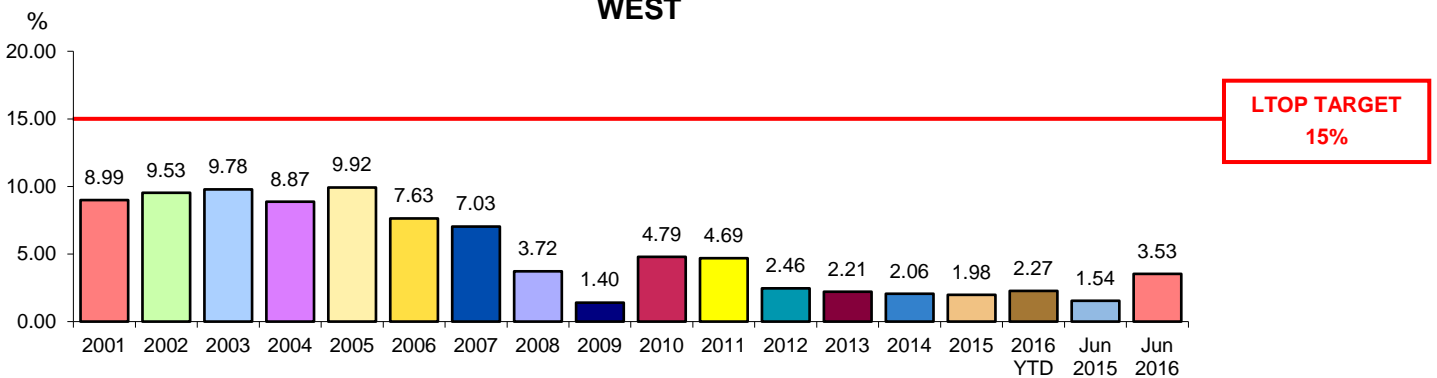
SOUTH



EAST



WEST



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 **June 2016**.

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

Date	PRM		Hours of PRM operation
	Start Time	End Time	

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

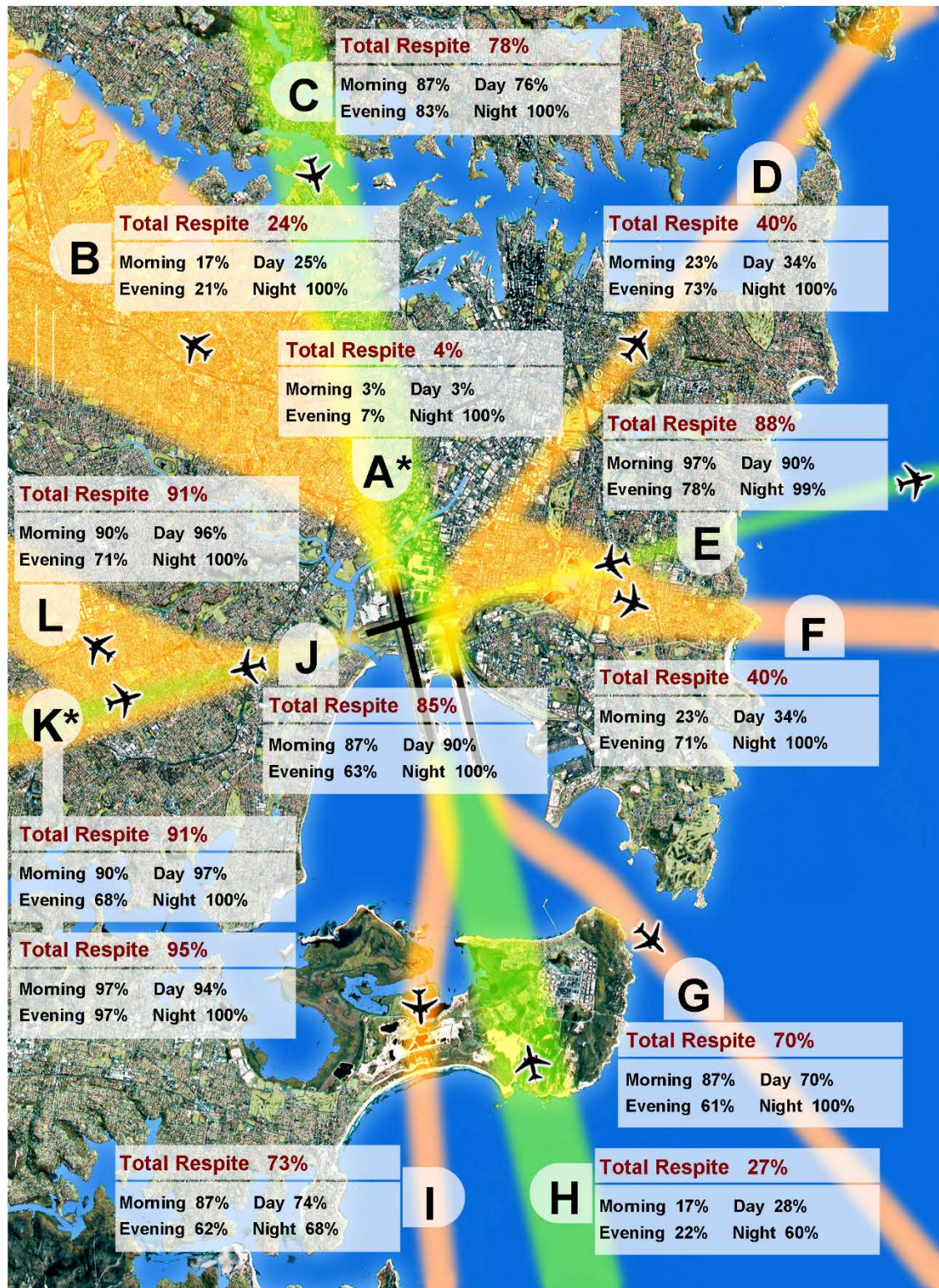
Date	Number of arrivals on Runway 16 during PRM	Runway assignment	
		16L	16R
-	-	-	-

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 Aircraft Respite (R60)

1 June 2016 to 30 June 2016, All Jets



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

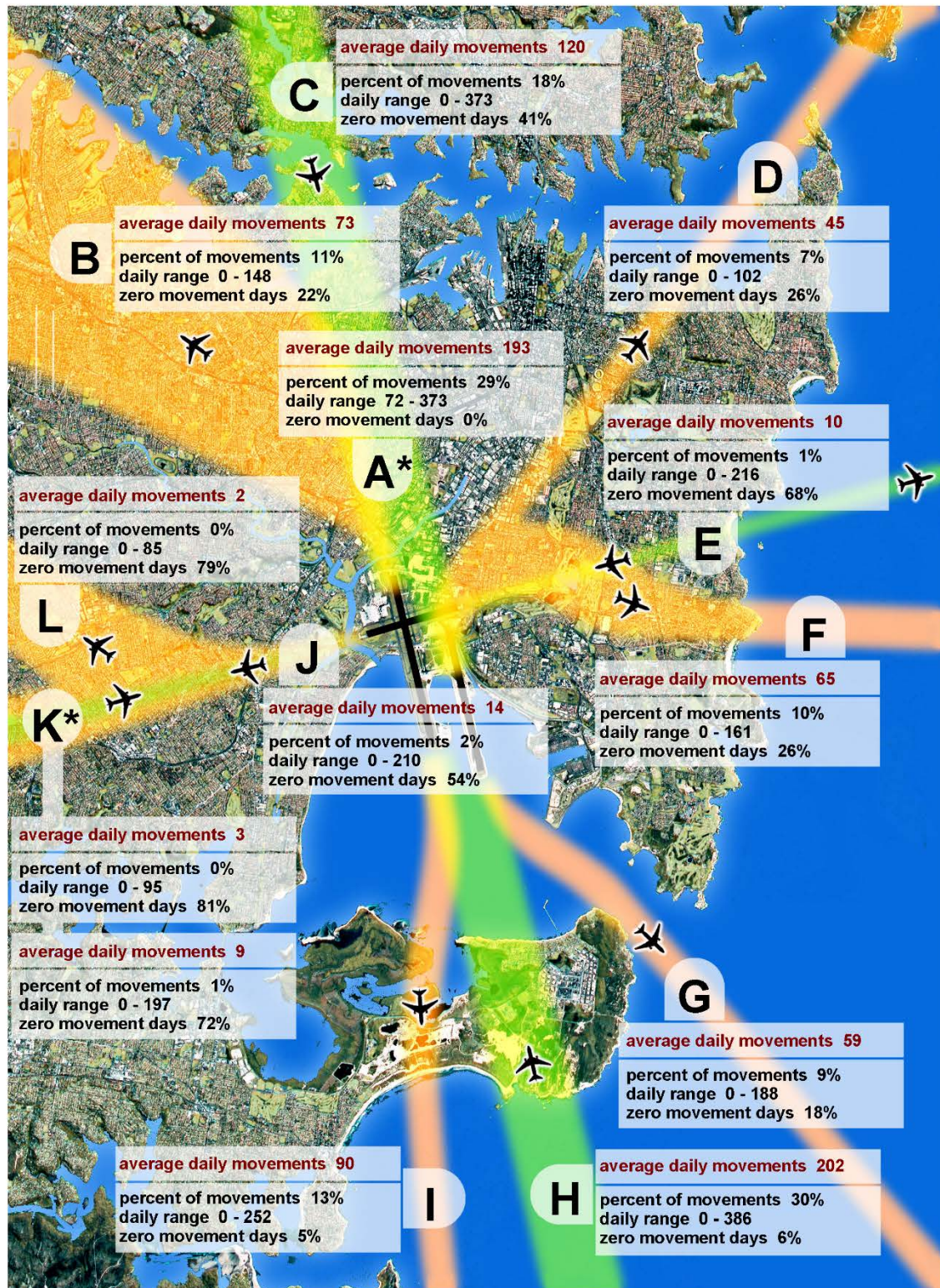
A respite interval is a 60 minute period when there are no jet movements (R60).

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

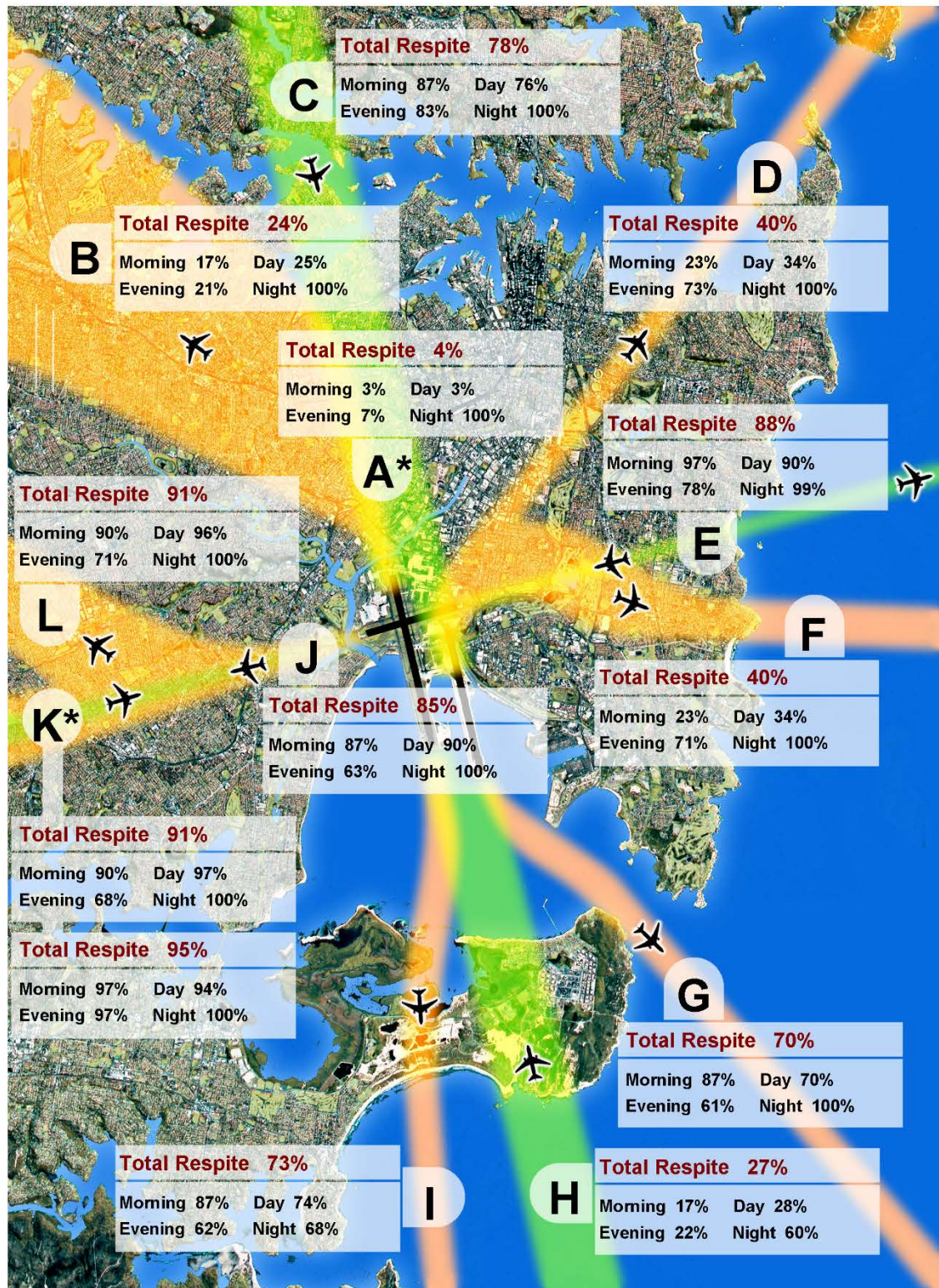
1 July 2015 to 30 June 2016, All Jets



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 June 2016 to 30 June 2016, All Jets



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

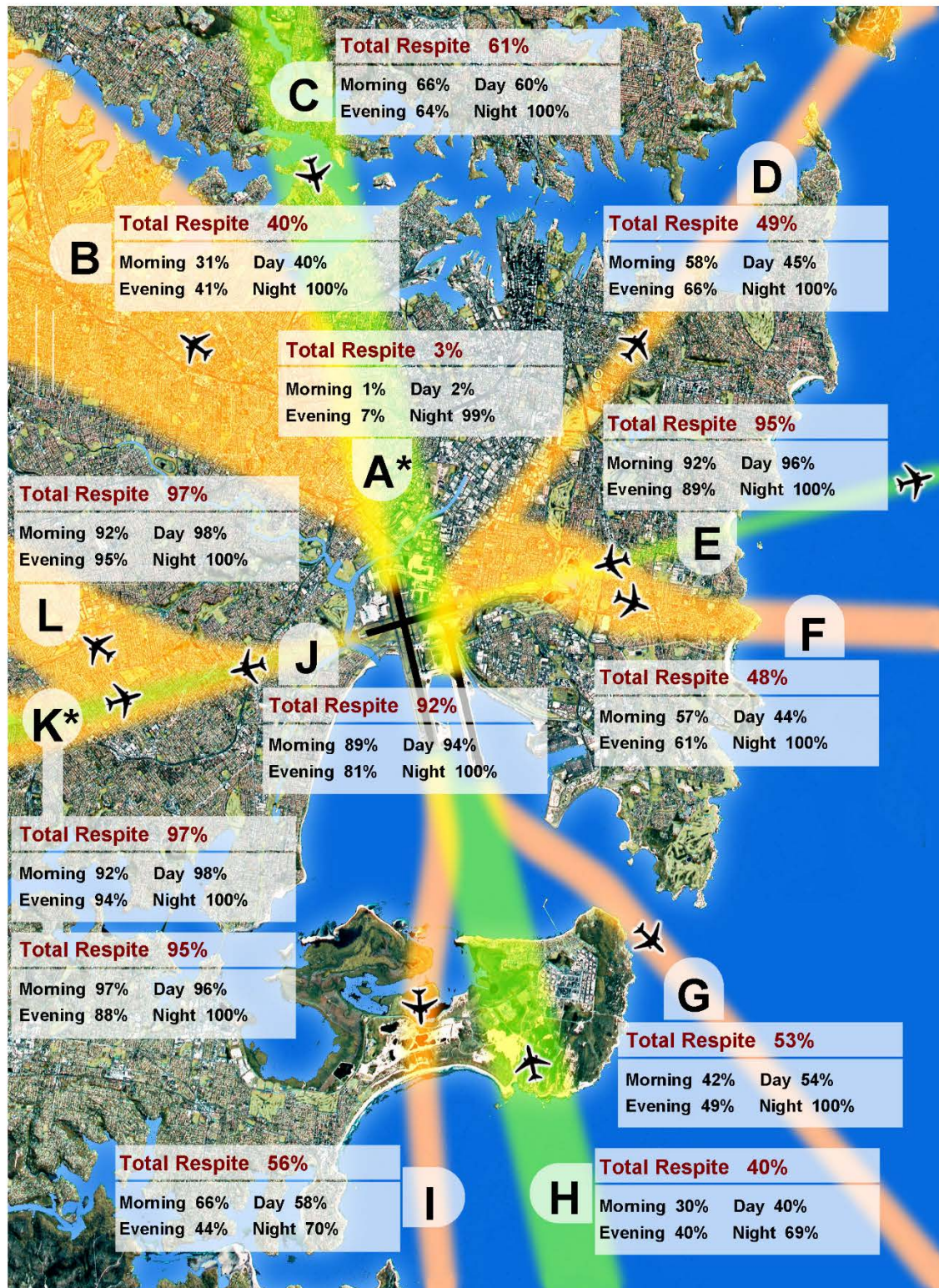
A respite interval is a 60 minute period when there are no jet movements (R60).

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 July 2015 to 30 June 2016, 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 minute 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) July 2015 to June 2016

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 October 2015 .
	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 January 2016 .
	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 October 2015 .
	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 July 2015 .
	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 October 2015 .
	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 October 2015 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 February 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 July 2015 to June 2016, 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. For example, the Jet Aircraft Respite Hours map (for the last rolling year) shows that **flight path D has Total Respite hours of 49%**. This means that over the period **July 2015 to June 2016 for 49%** of the total clock hours between 6am and 11pm there were no movements on that flight path.

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 June 2016.



Figure 1. NMT sites about Sydney Airport and the daily N70 values for the month of June 2016

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 June 2016 along with the Daily N70 values for the three months up to and including June are given in Table 1.

<i>Location</i>	<i>CNE Jun</i>	<i>Operational Days Jun</i>	<i>N70 Jun</i>	<i>N70 May</i>	<i>N70 Apr</i>
<i>Threshold rwy 34</i>	<i>10,720</i>	<i>29.9</i>	<i>351</i>	<i>361</i>	<i>343</i>
<i>Penshurst</i>	<i>878</i>	<i>29.9</i>	<i>21</i>	<i>9</i>	<i>13</i>
<i>Bexley</i>	<i>984</i>	<i>29.9</i>	<i>28</i>	<i>20</i>	<i>14</i>
<i>Sydenham</i>	<i>4,368</i>	<i>29.9</i>	<i>145</i>	<i>145</i>	<i>185</i>
<i>Johnston St Annandale</i>	<i>1,416</i>	<i>29.9</i>	<i>37</i>	<i>26</i>	<i>77</i>
<i>Church St. St Peters</i>	<i>2,844</i>	<i>29.9</i>	<i>76</i>	<i>69</i>	<i>92</i>
<i>Leichhardt PEMU 36</i>	<i>1,679</i>	<i>29.9</i>	<i>53</i>	<i>39</i>	<i>107</i>
<i>Eastlakes</i>	<i>3,267</i>	<i>29.9</i>	<i>97</i>	<i>88</i>	<i>66</i>
<i>Coogee</i>	<i>812</i>	<i>29.9</i>	<i>23</i>	<i>26</i>	<i>9</i>
<i>Kurnell</i>	<i>4,140</i>	<i>29.9</i>	<i>121</i>	<i>121</i>	<i>92</i>
<i>Croydon</i>	<i>919</i>	<i>29.9</i>	<i>24</i>	<i>24</i>	<i>18</i>
<i>Hunters Hill</i>	<i>2,428</i>	<i>29.9</i>	<i>32</i>	<i>23</i>	<i>68</i>

Table 1 Results for each Noise Monitoring Terminal for the three months up to and including June 2016.

The N70 values for June 2016 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 18 PM 46 Day 259 Night 12 WE_D 288 WE_N 9	Penshurst AM 1 PM 4 Day 14 Night 0 WE_D 25 WE_N 0	Bexley AM 2 PM 7 Day 17 Night 0 WE_D 31 WE_N 0	Eastlakes AM 4 PM 7 Day 78 Night 0 WE_D 113 WE_N 0
Coogee AM 0 PM 4 Day 9 Night 0 WE_D 49 WE_N 0	Sydenham AM 6 PM 18 Day 122 Night 0 WE_D 140 WE_N 0	Leichhardt PEMU36 AM 3 PM 4 Day 45 Night 0 WE_D 57 WE_N 0	Kurnell AM 5 PM 9 Day 112 Night 0 WE_D 105 WE_N 0
Annandale AM 1 PM 3 Day 33 Night 0 WE_D 37 WE_N 0	St Peters AM 3 PM 10 Day 64 Night 0 WE_D 73 WE_N 0	Croydon AM 1 PM 4 Day 18 Night 0 WE_D 28 WE_N 0	Hunters Hull AM 2 PM 3 Day 26 Night 0 WE_D 33 WE_N 0

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.