



AIRSERVICES AUSTRALIA

Sydney Airport Operational Statistics November 2011

Produced by Environmental Services

PREVIEW

Sydney Airport Operational Statistics Report Preview

November 2011

Total Runway Movements (excluding helicopter operations) (refer pages 5-10)

There were a total of 25,567 aircraft movements this month (daily average 852.23). Last month there were a total of 25,631 movements (daily average 826.81) and for the same month last year there were a total of 25,335 movements (daily average 844.50).

Mode Utilisation (refer pages 11 & 13)

Individual mode use in excess of 9 hours occurred on 23 days this month, Mode 9 on 15 days and Mode 10 on 8 days. Crossing runway modes (including Sodprops) were used for 16.97% 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 12)

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 30.54% - This result is above the LTOP target and above the previous month (29.37%)

South 50.58%- This result is below the LTOP target and below the previous month (51.82%)

East 14.78% - This result is above the LTOP target and above the previous month (12.74%)

West 4.08% - This result is below the LTOP target and below the previous month (6.05%)

16 Precision Runway Monitor (PRM) Operations (refer page 14)

This procedure was used on 17, 21, 23 and 25 November for a total of 8 hours and 51 minutes (ATIS time)

Noise Complaint & Information Service (refer pages 15-20)

A total of 3453 complaints, comments and enquiries were received as follows:

3341 Sydney suburbs complaints from 149 complainants

35 Sydney suburbs comments and enquiries

77 non Sydney Airport or Sydney suburbs (NSW only) complaints, comments and enquiries

Noise Enquiry Service Environmental Services Airservices Australia

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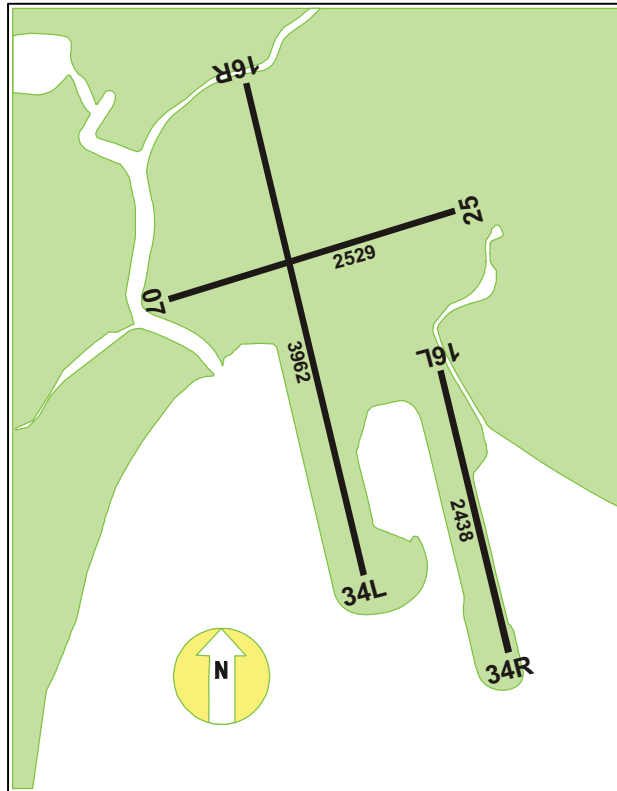
This report is available on the Internet at Airservices Australia website at

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)

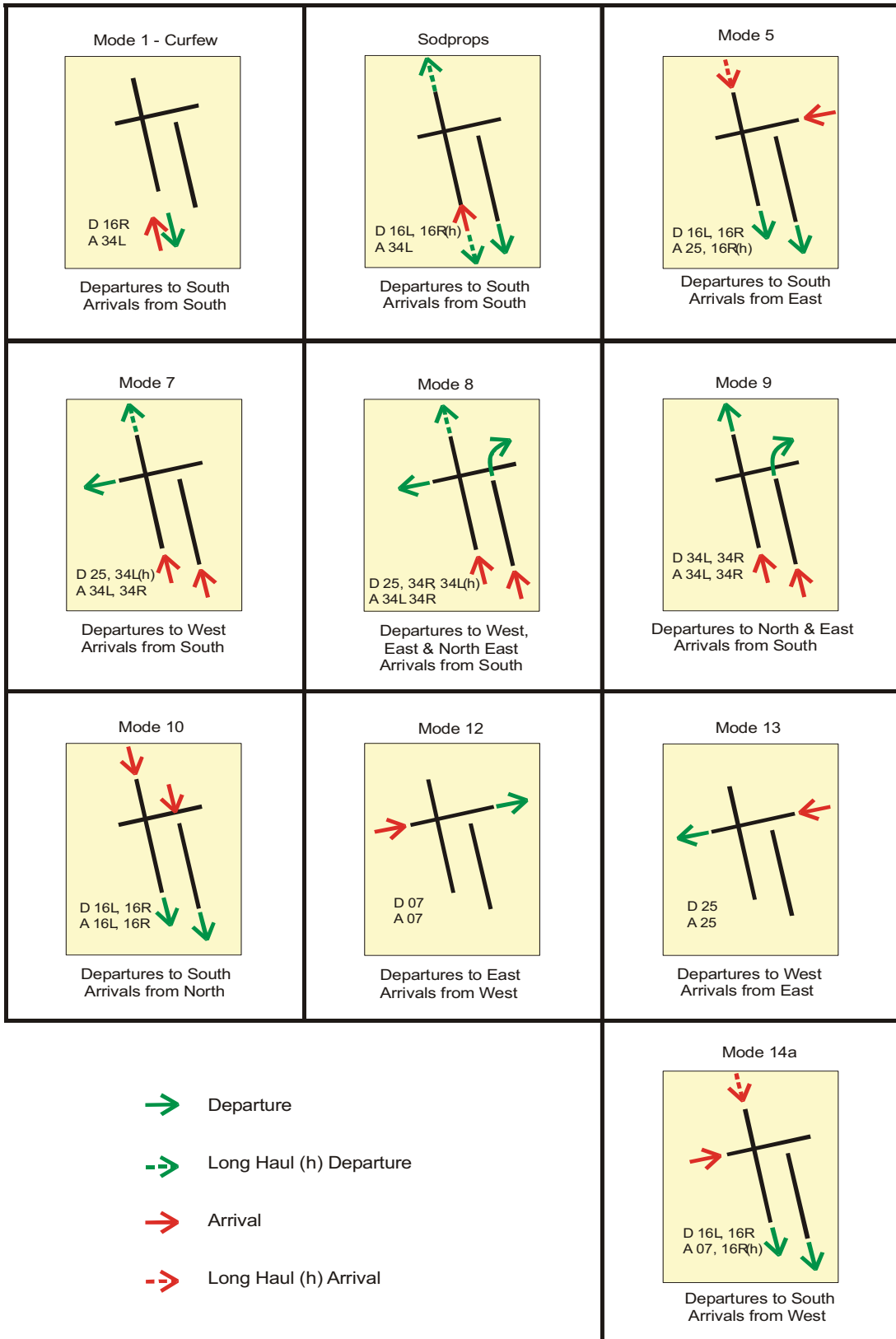
Movements over the North =16L(arr) + 16R(arr) + 34L(dep)

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-Nov-11	80	0	80	123	132	255	171	286	457	12	0	12	47	10	57	0	0	0	0	0	0	861
02-Nov-11	40	0	40	110	97	207	170	249	419	0	18	18	76	27	103	45	48	93	0	0	0	880
03-Nov-11	0	0	0	164	154	318	224	282	506	0	0	0	63	17	80	0	0	0	0	0	0	904
04-Nov-11	158	1	159	62	100	162	86	227	313	1	0	1	86	56	142	58	67	125	0	0	0	902
05-Nov-11	1	0	1	0	0	0	1	0	1	0	11	11	258	159	417	101	165	266	0	0	0	696
06-Nov-11	1	0	1	0	9	9	0	4	4	0	49	49	253	179	432	128	165	293	0	0	0	788
07-Nov-11	64	1	65	85	87	172	139	208	347	1	21	22	94	59	153	59	67	126	0	0	0	885
08-Nov-11	32	0	32	41	34	75	58	94	152	0	0	0	189	162	351	118	139	257	0	0	0	867
09-Nov-11	7	0	7	0	0	0	0	16	16	0	17	17	275	212	487	152	196	348	0	0	0	875
10-Nov-11	41	0	41	82	76	158	124	176	300	19	27	46	112	85	197	68	85	153	0	0	0	895
11-Nov-11	1	0	1	0	14	14	0	5	5	0	0	0	290	208	498	163	227	390	0	0	0	908
12-Nov-11	32	0	32	0	4	4	4	25	29	0	0	0	213	143	356	103	159	262	0	0	0	683
13-Nov-11	19	0	19	36	50	86	79	129	208	18	0	18	164	101	265	59	120	179	0	0	0	775
14-Nov-11	1	0	1	11	11	22	26	30	56	18	4	22	257	187	444	133	211	344	0	0	0	889
15-Nov-11	1	0	1	60	42	102	80	93	173	0	1	1	215	149	364	83	149	232	0	0	0	873
16-Nov-11	0	0	0	163	116	279	215	311	526	43	19	62	21	1	22	2	0	2	0	0	0	891
17-Nov-11	4	0	4	180	132	312	227	295	522	0	0	0	33	17	50	17	11	28	0	0	0	916
18-Nov-11	3	1	4	0	0	0	1	10	11	1	15	16	296	201	497	165	241	406	0	0	0	934
19-Nov-11	3	1	4	0	0	0	0	3	3	0	9	9	266	157	423	91	166	257	0	0	0	696
20-Nov-11	10	0	10	78	114	192	107	145	252	1	0	1	147	76	223	33	62	95	0	0	0	773
21-Nov-11	1	0	1	44	29	73	52	73	125	12	0	12	208	177	385	125	172	297	0	0	0	893
22-Nov-11	0	0	0	93	76	169	123	192	315	37	1	38	121	78	199	71	94	165	0	0	0	886
23-Nov-11	0	0	0	184	130	314	253	319	572	0	0	0	7	0	7	0	0	0	0	0	0	893
24-Nov-11	92	2	94	155	128	283	208	326	534	0	0	0	5	0	5	0	0	0	0	0	0	916
25-Nov-11	26	0	26	131	100	231	191	243	434	0	1	1	69	62	131	43	55	98	0	0	0	921
26-Nov-11	56	50	106	0	0	0	0	4	4	1	9	10	194	135	329	110	133	243	0	0	0	692
27-Nov-11	30	0	30	58	82	140	92	159	251	82	74	156	95	58	153	29	36	65	0	0	0	795
28-Nov-11	0	0	0	0	1	1	1	4	5	0	0	0	297	201	498	151	244	395	0	0	0	899
29-Nov-11	57	50	107	0	0	0	0	11	11	0	0	0	253	192	445	131	190	321	0	0	0	884
30-Nov-11	0	0	0	8	5	13	17	30	47	1	9	10	267	183	450	152	225	377	0	0	0	897
Total	760	106	866	1868	1723	3591	2649	3949	6598	247	285	532	4871	3292	8163	2390	3427	5817	0	0	0	25567

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-Nov-11	54	0	54	66	85	151	138	212	350	11	0	11	40	6	46	0	0	0	0	0	0	612
02-Nov-11	35	0	35	72	63	135	120	186	306	0	14	14	61	12	73	26	37	63	0	0	0	626
03-Nov-11	0	0	0	93	106	199	177	207	384	0	0	0	54	14	68	0	0	0	0	0	0	651
04-Nov-11	113	0	113	40	72	112	57	164	221	1	0	1	76	32	108	33	54	87	0	0	0	642
05-Nov-11	0	0	0	0	0	0	0	0	0	0	10	10	200	115	315	73	137	210	0	0	0	535
06-Nov-11	0	0	0	0	9	9	0	2	2	0	39	39	204	121	325	90	132	222	0	0	0	597
07-Nov-11	52	0	52	53	56	109	101	153	254	1	17	18	81	37	118	30	54	84	0	0	0	635
08-Nov-11	24	0	24	20	21	41	48	73	121	0	0	0	151	100	251	65	106	171	0	0	0	608
09-Nov-11	5	0	5	0	0	0	0	12	12	0	13	13	211	138	349	90	148	238	0	0	0	617
10-Nov-11	37	0	37	53	49	102	92	129	221	14	20	34	92	58	150	35	70	105	0	0	0	649
11-Nov-11	0	0	0	0	14	14	0	3	3	0	0	0	222	124	346	101	185	286	0	0	0	649
12-Nov-11	31	0	31	0	3	3	4	22	26	0	0	0	168	102	270	64	131	195	0	0	0	525
13-Nov-11	13	0	13	25	33	58	68	106	174	18	0	18	126	61	187	41	101	142	0	0	0	592
14-Nov-11	0	0	0	9	11	20	25	28	53	14	0	14	206	115	321	72	166	238	0	0	0	646
15-Nov-11	0	0	0	32	28	60	68	71	139	0	0	0	168	93	261	47	120	167	0	0	0	627
16-Nov-11	0	0	0	92	74	166	170	234	404	39	13	52	19	1	20	1	0	1	0	0	0	643
17-Nov-11	2	0	2	106	88	194	181	215	396	0	0	0	28	15	43	15	11	26	0	0	0	661
18-Nov-11	3	0	3	0	0	0	0	7	7	1	14	15	230	120	350	103	199	302	0	0	0	677
19-Nov-11	0	0	0	0	0	0	0	1	1	0	8	8	213	114	327	59	139	198	0	0	0	534
20-Nov-11	9	0	9	54	87	141	86	105	191	0	0	0	122	52	174	21	53	74	0	0	0	589
21-Nov-11	0	0	0	21	17	38	47	51	98	11	0	11	157	116	273	83	140	223	0	0	0	643
22-Nov-11	0	0	0	57	46	103	96	143	239	32	1	33	105	50	155	31	76	107	0	0	0	637
23-Nov-11	0	0	0	108	85	193	203	238	441	0	0	0	4	0	4	0	0	0	0	0	0	638
24-Nov-11	70	0	70	91	84	175	167	246	413	0	0	0	4	0	4	0	0	0	0	0	0	662
25-Nov-11	20	0	20	68	69	137	170	181	351	0	0	0	48	41	89	25	40	65	0	0	0	662
26-Nov-11	46	37	83	0	0	0	0	1	1	0	8	8	146	98	244	80	110	190	0	0	0	526
27-Nov-11	29	0	29	36	60	96	77	120	197	54	48	102	79	48	127	23	31	54	0	0	0	605
28-Nov-11	0	0	0	0	1	1	0	1	1	0	0	0	235	126	361	90	200	290	0	0	0	653
29-Nov-11	33	34	67	0	0	0	0	8	8	0	0	0	206	123	329	80	155	235	0	0	0	639
30-Nov-11	0	0	0	7	5	12	15	27	42	0	8	8	219	110	329	84	182	266	0	0	0	657
Total	576	71	647	1103	1166	2269	2110	2946	5056	196	213	409	3875	2142	6017	1462	2777	4239	0	0	0	18637

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-Nov-11	26	0	26	57	47	104	33	74	107	1	0	1	7	4	11	0	0	0	0	0	0	249
02-Nov-11	5	0	5	38	34	72	50	63	113	0	4	4	15	15	30	19	11	30	0	0	0	254
03-Nov-11	0	0	0	71	48	119	47	75	122	0	0	0	9	3	12	0	0	0	0	0	0	253
04-Nov-11	45	1	46	22	28	50	29	63	92	0	0	0	10	24	34	25	13	38	0	0	0	260
05-Nov-11	1	0	1	0	0	0	1	0	1	0	1	1	58	44	102	28	28	56	0	0	0	161
06-Nov-11	1	0	1	0	0	0	0	2	2	0	10	10	49	58	107	38	33	71	0	0	0	191
07-Nov-11	12	1	13	32	31	63	38	55	93	0	4	4	13	22	35	29	13	42	0	0	0	250
08-Nov-11	8	0	8	21	13	34	10	21	31	0	0	0	38	62	100	53	33	86	0	0	0	259
09-Nov-11	2	0	2	0	0	0	0	4	4	0	4	4	64	74	138	62	48	110	0	0	0	258
10-Nov-11	4	0	4	29	27	56	32	47	79	5	7	12	20	27	47	33	15	48	0	0	0	246
11-Nov-11	1	0	1	0	0	0	0	2	2	0	0	0	68	84	152	62	42	104	0	0	0	259
12-Nov-11	1	0	1	0	1	1	0	3	3	0	0	0	45	41	86	39	28	67	0	0	0	158
13-Nov-11	6	0	6	11	17	28	11	23	34	0	0	0	38	40	78	18	19	37	0	0	0	183
14-Nov-11	1	0	1	2	0	2	1	2	3	4	4	8	51	72	123	61	45	106	0	0	0	243
15-Nov-11	1	0	1	28	14	42	12	22	34	0	1	1	47	56	103	36	29	65	0	0	0	246
16-Nov-11	0	0	0	71	42	113	45	77	122	4	6	10	2	0	2	1	0	1	0	0	0	248
17-Nov-11	2	0	2	74	44	118	46	80	126	0	0	0	5	2	7	2	0	2	0	0	0	255
18-Nov-11	0	1	1	0	0	0	1	3	4	0	1	1	66	81	147	62	42	104	0	0	0	257
19-Nov-11	3	1	4	0	0	0	0	2	2	0	1	1	53	43	96	32	27	59	0	0	0	162
20-Nov-11	1	0	1	24	27	51	21	40	61	1	0	1	25	24	49	12	9	21	0	0	0	184
21-Nov-11	1	0	1	23	12	35	5	22	27	1	0	1	51	61	112	42	32	74	0	0	0	250
22-Nov-11	0	0	0	36	30	66	27	49	76	5	0	5	16	28	44	40	18	58	0	0	0	249
23-Nov-11	0	0	0	76	45	121	50	81	131	0	0	0	3	0	3	0	0	0	0	0	0	255
24-Nov-11	22	2	24	64	44	108	41	80	121	0	0	0	1	0	1	0	0	0	0	0	0	254
25-Nov-11	6	0	6	63	31	94	21	62	83	0	1	1	21	21	42	18	15	33	0	0	0	259
26-Nov-11	10	13	23	0	0	0	0	3	3	1	1	2	48	37	85	30	23	53	0	0	0	166
27-Nov-11	1	0	1	22	22	44	15	39	54	28	26	54	16	10	26	6	5	11	0	0	0	190
28-Nov-11	0	0	0	0	0	0	1	3	4	0	0	0	62	75	137	61	44	105	0	0	0	246
29-Nov-11	24	16	40	0	0	0	0	3	3	0	0	0	47	69	116	51	35	86	0	0	0	245
30-Nov-11	0	0	0	1	0	1	2	3	5	1	1	2	48	73	121	68	43	111	0	0	0	240
Total	184	35	219	765	557	1322	539	1003	1542	51	72	123	996	1150	2146	928	650	1578	0	0	0	6930

(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-Nov-11	5	1	2	2	3	1	35	60	67	62	67	57	43	41	52	43	48	59	71	49	36	26	26	5	861
02-Nov-11	3	0	0	4	3	1	34	62	71	72	52	55	45	43	49	45	49	59	68	60	37	35	27	6	880
03-Nov-11	4	0	1	2	2	3	35	62	58	68	60	57	55	39	52	55	51	65	72	58	35	39	27	4	904
04-Nov-11	3	0	2	2	1	1	33	61	70	70	53	58	46	38	52	58	54	62	70	64	45	35	23	1	902
05-Nov-11	0	0	0	1	0	1	22	55	56	59	52	56	44	38	42	44	38	41	46	35	29	22	14	1	696
06-Nov-11	2	0	2	1	0	1	22	38	46	52	42	47	44	44	47	49	60	62	67	59	47	36	19	1	788
07-Nov-11	0	0	1	0	0	1	37	68	80	63	52	57	47	38	49	57	46	54	72	66	35	36	24	2	885
08-Nov-11	5	1	0	0	3	4	39	62	65	62	66	55	54	41	47	54	45	11	53	57	52	39	42	10	867
09-Nov-11	5	2	0	2	2	2	30	61	64	69	62	50	46	43	48	55	52	49	69	59	27	30	42	6	875
10-Nov-11	3	1	0	1	4	1	28	62	61	58	59	60	51	39	52	56	56	59	64	69	37	39	32	3	895
11-Nov-11	2	2	0	3	2	1	29	67	68	71	57	51	52	43	53	60	55	58	69	58	49	39	19	0	908
12-Nov-11	0	0	1	1	0	0	21	48	54	63	45	56	46	40	41	40	39	46	41	36	32	19	13	1	683
13-Nov-11	0	0	1	0	0	0	21	33	47	52	46	42	47	38	42	53	56	62	68	58	50	35	23	1	775
14-Nov-11	1	2	1	0	1	0	33	58	59	59	76	60	52	33	48	57	53	56	67	59	42	36	34	2	889
15-Nov-11	2	1	0	2	2	1	35	62	67	66	60	58	46	38	50	53	46	59	69	59	40	25	28	4	873
16-Nov-11	3	2	0	3	1	1	32	62	64	69	61	55	49	38	53	47	53	59	70	54	45	37	28	5	891
17-Nov-11	2	0	1	4	1	0	33	63	68	67	61	58	49	38	53	51	54	61	70	69	32	48	31	2	916
18-Nov-11	3	2	2	1	2	0	32	68	69	72	57	53	57	40	54	60	62	62	68	58	45	40	25	2	934
19-Nov-11	1	1	2	0	0	0	22	53	58	62	50	49	53	39	38	39	39	45	44	37	29	20	15	0	696
20-Nov-11	2	0	0	2	0	0	22	33	42	50	44	44	50	37	43	56	51	64	60	61	50	37	25	0	773
21-Nov-11	1	0	0	0	0	0	34	73	71	63	62	53	49	39	48	46	55	65	62	64	42	32	32	2	893
22-Nov-11	5	1	1	1	1	2	32	64	77	61	58	56	52	41	48	52	48	59	68	62	39	30	25	3	886
23-Nov-11	3	4	0	3	2	0	34	61	65	71	56	54	48	43	47	47	56	58	65	69	45	31	28	3	893
24-Nov-11	3	0	1	2	3	0	35	62	64	71	62	53	48	41	47	57	57	59	66	67	48	33	35	2	916
25-Nov-11	3	1	1	1	4	2	35	64	64	60	60	55	55	43	45	57	64	59	65	62	58	37	24	2	921
26-Nov-11	1	3	0	0	0	1	24	34	38	57	50	62	60	38	36	47	48	46	49	35	24	23	15	1	692
27-Nov-11	0	1	1	0	0	0	24	35	44	51	47	43	42	42	49	54	60	59	75	61	44	36	26	1	795
28-Nov-11	1	2	1	2	0	1	31	73	68	61	57	57	55	41	44	54	54	61	71	57	45	32	28	3	899
29-Nov-11	4	1	1	5	1	2	33	58	66	72	61	51	55	40	47	50	50	57	44	48	52	50	30	6	884
30-Nov-11	2	0	1	2	1	1	26	58	59	75	60	57	55	39	44	56	53	65	66	57	50	36	31	3	897
Total	69	28	23	47	39	28	903	1720	1850	1908	1695	1619	1495	1195	1420	1552	1552	1681	1909	1707	1241	1013	791	82	25567
Avg.	2.30	0.93	0.77	1.57	1.30	0.93	30.10	57.33	61.67	63.60	56.50	53.97	49.83	39.83	47.33	51.73	51.73	56.03	63.63	56.90	41.37	33.77	26.37	2.73	852.23

(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-Nov-11	4	0	1	1	2	0	19	23	31	31	33	33	25	18	24	26	21	30	42	28	13	9	12	2	428
02-Nov-11	3	0	0	1	1	1	20	25	31	38	26	33	21	23	24	27	27	23	30	37	18	13	15	2	439
03-Nov-11	4	0	0	1	0	2	21	29	25	32	32	31	34	20	19	36	25	28	38	30	17	14	14	1	453
04-Nov-11	3	0	1	1	0	1	20	26	29	39	27	32	26	16	27	33	31	26	34	36	19	10	13	1	451
05-Nov-11	0	0	0	0	0	0	11	17	30	36	25	31	22	22	15	27	15	16	25	18	10	5	10	0	335
06-Nov-11	2	0	0	1	0	0	10	13	28	27	20	30	32	20	23	28	33	26	31	32	22	16	12	0	406
07-Nov-11	0	0	1	0	0	0	20	29	38	39	22	32	27	19	22	32	25	22	35	37	14	15	14	0	443
08-Nov-11	4	1	0	0	0	2	21	31	29	32	32	21	36	20	23	30	25	3	29	27	25	15	15	8	429
09-Nov-11	3	2	0	0	2	1	20	25	33	32	31	32	24	18	22	33	24	20	37	33	16	9	20	4	441
10-Nov-11	1	1	0	0	2	1	18	27	27	24	35	31	32	19	23	33	29	24	32	40	17	12	19	2	449
11-Nov-11	1	2	0	0	2	0	19	27	27	40	28	30	26	22	23	37	29	27	31	36	19	16	12	0	454
12-Nov-11	0	0	0	1	0	0	10	18	24	39	22	28	26	20	15	24	18	19	21	18	12	6	10	0	331
13-Nov-11	0	0	0	0	0	0	10	13	28	27	22	26	31	21	23	31	27	27	32	31	22	17	12	0	400
14-Nov-11	1	1	1	0	0	0	20	25	28	26	37	30	35	16	18	33	29	27	31	35	17	12	19	2	443
15-Nov-11	1	1	0	0	2	0	23	25	29	31	32	29	28	17	24	31	24	31	32	36	13	7	15	3	434
16-Nov-11	2	2	0	1	1	0	19	29	30	32	31	26	32	17	20	31	30	26	34	31	20	13	18	2	447
17-Nov-11	2	0	0	1	1	0	22	28	32	33	30	28	30	19	21	29	33	26	35	40	10	18	16	1	455
18-Nov-11	3	0	2	0	1	0	19	33	30	37	26	27	35	19	27	31	37	30	32	33	22	13	11	0	468
19-Nov-11	1	0	1	0	0	0	10	16	32	39	22	26	29	20	14	21	20	16	22	18	14	6	9	0	336
20-Nov-11	2	0	0	0	0	0	8	14	24	26	23	30	30	21	21	30	28	28	31	29	21	16	15	0	397
21-Nov-11	0	0	0	0	0	0	19	34	33	35	29	30	27	17	24	24	33	27	36	32	20	11	19	1	451
22-Nov-11	3	1	0	0	1	0	18	29	35	29	33	25	31	21	22	29	26	31	33	33	17	9	14	1	441
23-Nov-11	2	2	0	0	2	0	20	27	25	38	30	26	27	21	26	22	36	26	33	35	22	9	18	2	449
24-Nov-11	2	0	0	0	2	0	21	31	27	36	27	29	31	17	25	26	34	28	33	35	21	13	17	1	456
25-Nov-11	3	0	0	1	2	1	18	33	26	29	33	28	31	24	20	27	39	30	29	28	30	16	12	1	461
26-Nov-11	0	2	0	0	0	0	11	15	18	33	21	29	33	23	14	22	24	20	22	18	9	7	9	1	331
27-Nov-11	0	1	0	0	0	0	11	15	24	27	22	27	29	24	24	27	32	27	38	32	18	18	13	0	409
28-Nov-11	0	2	0	1	0	0	17	31	31	38	24	28	34	19	22	27	29	33	34	31	21	9	18	1	450
29-Nov-11	4	1	0	2	1	1	20	27	28	33	31	24	36	17	20	31	27	31	18	23	25	23	18	2	443
30-Nov-11	2	0	0	1	0	1	16	22	26	45	27	27	35	18	21	37	25	30	32	33	21	14	16	3	452
Total	53	19	7	13	22	11	511	737	858	1003	833	859	895	588	646	875	835	758	942	925	545	371	435	41	12782
Avg.	1.77	0.63	0.23	0.43	0.73	0.37	17.03	24.57	28.60	33.43	27.77	28.63	29.83	19.60	21.53	29.17	27.83	25.27	31.40	30.83	18.17	12.37	14.50	1.37	426.07

(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-Nov-11	1	1	1	1	1	1	16	37	36	31	34	24	18	23	28	17	27	29	29	21	23	17	14	3	433
02-Nov-11	0	0	0	3	2	0	14	37	40	34	26	22	24	20	25	18	22	36	38	23	19	22	12	4	441
03-Nov-11	0	0	1	1	2	1	14	33	33	36	28	26	21	19	33	19	26	37	34	28	18	25	13	3	451
04-Nov-11	0	0	1	1	1	0	13	35	41	31	26	26	20	22	25	25	23	36	36	28	26	25	10	0	451
05-Nov-11	0	0	0	1	0	1	11	38	26	23	27	25	22	16	27	17	23	25	21	17	19	17	4	1	361
06-Nov-11	0	0	2	0	0	1	12	25	18	25	22	17	12	24	24	21	27	36	36	27	25	20	7	1	382
07-Nov-11	0	0	0	0	0	1	17	39	42	24	30	25	20	19	27	25	21	32	37	29	21	21	10	2	442
08-Nov-11	1	0	0	0	3	2	18	31	36	30	34	34	18	21	24	24	20	8	24	30	27	24	27	2	438
09-Nov-11	2	0	0	2	0	1	10	36	31	37	31	18	22	25	26	22	28	29	32	26	11	21	22	2	434
10-Nov-11	2	0	0	1	2	0	10	35	34	34	24	29	19	20	29	23	27	35	32	29	20	27	13	1	446
11-Nov-11	1	0	0	3	0	1	10	40	41	31	29	21	26	21	30	23	26	31	38	22	30	23	7	0	454
12-Nov-11	0	0	1	0	0	0	11	30	30	24	23	28	20	20	26	16	21	27	20	18	20	13	3	1	352
13-Nov-11	0	0	1	0	0	0	11	20	19	25	24	16	16	17	19	22	29	35	36	27	28	18	11	1	375
14-Nov-11	0	1	0	0	1	0	13	33	31	33	39	30	17	17	30	24	24	29	36	24	25	24	15	0	446
15-Nov-11	1	0	0	2	0	1	12	37	38	35	28	29	18	21	26	22	22	28	37	23	27	18	13	1	439
16-Nov-11	1	0	0	2	0	1	13	33	34	37	30	29	17	21	33	16	23	33	36	23	25	24	10	3	444
17-Nov-11	0	0	1	3	0	0	11	35	36	34	31	30	19	19	32	22	21	35	35	29	22	30	15	1	461
18-Nov-11	0	2	0	1	1	0	13	35	39	35	31	26	22	21	27	29	25	32	36	25	23	27	14	2	466
19-Nov-11	0	1	1	0	0	0	12	37	26	23	28	23	24	19	24	18	19	29	22	19	15	14	6	0	360
20-Nov-11	0	0	0	2	0	0	14	19	18	24	21	14	20	16	22	26	23	36	29	32	29	21	10	0	376
21-Nov-11	1	0	0	0	0	0	15	39	38	28	33	23	22	22	24	22	22	38	26	32	22	21	13	1	442
22-Nov-11	2	0	1	1	0	2	14	35	42	32	25	31	21	20	26	23	22	28	35	29	22	21	11	2	445
23-Nov-11	1	2	0	3	0	0	14	34	40	33	26	28	21	22	21	25	20	32	32	34	23	22	10	1	444
24-Nov-11	1	0	1	2	1	0	14	31	37	35	35	24	17	24	22	31	23	31	33	32	27	20	18	1	460
25-Nov-11	0	1	1	0	2	1	17	31	38	31	27	27	24	19	25	30	25	29	36	34	28	21	12	1	460
26-Nov-11	1	1	0	0	0	1	13	19	20	24	29	33	27	15	22	25	24	26	27	17	15	16	6	0	361
27-Nov-11	0	0	1	0	0	0	13	20	20	24	25	16	13	18	25	27	28	32	37	29	26	18	13	1	386
28-Nov-11	1	0	1	1	0	1	14	42	37	23	33	29	21	22	22	27	25	28	37	26	24	23	10	2	449
29-Nov-11	0	0	1	3	0	1	13	31	38	39	30	27	19	23	27	19	23	26	26	25	27	27	12	4	441
30-Nov-11	0	0	1	1	1	0	10	36	33	30	33	30	20	21	23	19	28	35	34	24	29	22	15	0	445
Total	16	9	16	34	17	17	392	983	992	905	862	760	600	607	774	677	717	923	967	782	696	642	356	41	12785
Avg.	0.53	0.30	0.53	1.13	0.57	0.57	13.07	32.77	33.07	30.17	28.73	25.33	20.00	20.23	25.80	22.57	23.90	30.77	32.23	26.07	23.20	21.40	11.87	1.37	426.17

(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	Mode 14a 16/07	Mode 15 34R/34L	Other
01-Nov-11	07:00	00:36	01:52	00:43	-	-	-	10:06	-	-	03:41	-	-
02-Nov-11	07:00	00:10	-	-	00:58	-	02:32	10:55	-	-	02:23	-	-
03-Nov-11	07:00	00:16	02:44	-	-	-	-	13:58	-	-	-	-	-
04-Nov-11	07:00	00:27	00:53	-	-	-	03:59	04:44	-	-	06:53	-	-
05-Nov-11	07:00	00:33	-	-	01:01	-	15:24	-	-	-	-	-	-
06-Nov-11	07:00	00:24	01:03	-	03:48	-	11:42	-	-	-	-	-	-
07-Nov-11	07:00	00:20	-	-	01:04	-	03:53	08:07	-	-	03:33	-	-
08-Nov-11	07:00	00:05	-	-	-	-	12:35	03:24	-	-	00:53	-	-
09-Nov-11	07:00	00:14	-	-	00:52	-	15:52	-	-	-	-	-	-
10-Nov-11	07:00	00:09	-	-	00:49	-	06:19	06:57	-	00:43	01:59	-	-
11-Nov-11	07:00	00:21	00:43	-	-	-	15:54	-	-	-	-	-	-
12-Nov-11	07:00	00:38	-	-	-	-	14:01	-	-	-	02:19	-	-
13-Nov-11	07:00	00:09	-	01:28	-	-	08:45	05:39	-	-	00:56	-	-
14-Nov-11	07:00	-	-	00:39	-	-	14:25	01:56	-	-	-	-	-
15-Nov-11	07:00	00:24	-	-	-	-	12:01	04:33	-	-	-	-	-
16-Nov-11	07:00	00:13	-	02:21	00:37	-	00:29	13:17	-	-	-	-	-
17-Nov-11	07:00	-	-	-	-	-	01:45	14:52	-	-	00:21	-	-
18-Nov-11	07:00	00:22	-	-	00:48	-	15:48	-	-	-	-	-	-
19-Nov-11	07:00	00:18	-	-	00:46	-	15:54	-	-	-	-	-	-
20-Nov-11	07:00	00:21	04:10	-	-	-	04:33	07:16	-	-	00:37	-	-
21-Nov-11	07:00	00:18	-	00:58	-	-	13:18	02:24	-	-	-	-	-
22-Nov-11	07:00	00:17	-	01:58	-	-	06:16	08:26	-	-	-	-	-
23-Nov-11	07:00	00:10	-	-	-	-	-	16:48	-	-	-	-	-
24-Nov-11	07:00	-	-	-	-	-	-	12:09	-	-	04:50	-	-
25-Nov-11	07:00	-	-	-	-	-	04:25	10:53	-	-	01:40	-	-
26-Nov-11	07:00	00:19	-	-	02:15	-	11:11	-	03:13	-	-	-	-
27-Nov-11	07:00	00:19	01:01	01:56	01:47	-	03:20	04:57	-	02:02	01:33	-	-
28-Nov-11	07:00	-	-	-	-	-	16:59	-	-	-	-	-	-
29-Nov-11	07:00	00:13	-	-	-	-	14:20	-	02:25	-	-	-	-
30-Nov-11	07:00	-	-	-	00:54	-	14:32	01:33	-	-	-	-	-
Total	210:00	7:59	12:30	10:05	15:44	00:00	260:24	163:03	5:39	2:46	31:45	00:00	00:00
% Used		1.57%	2.45%	1.98%	3.09%	0.00%	51.06%	31.97%	1.11%	0.54%	6.23%	0.00%	0.00%

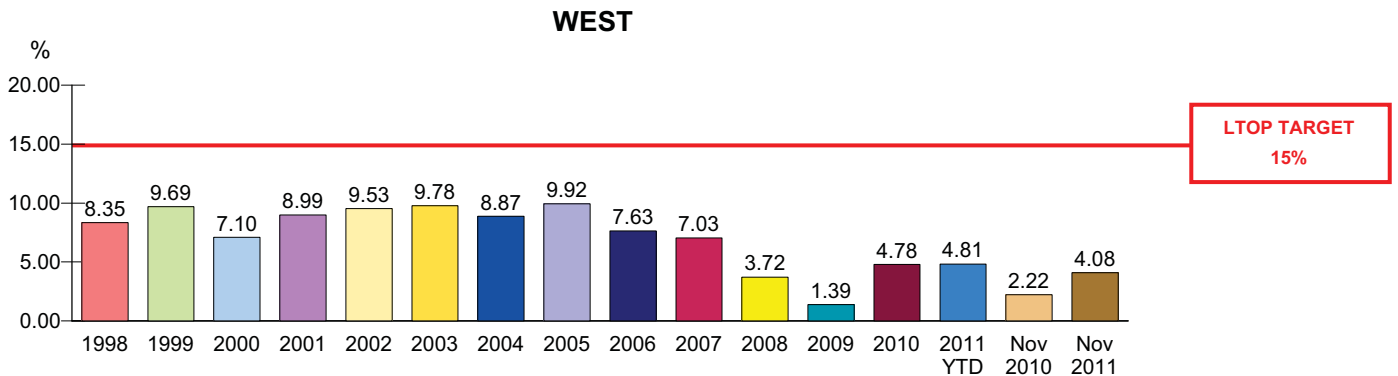
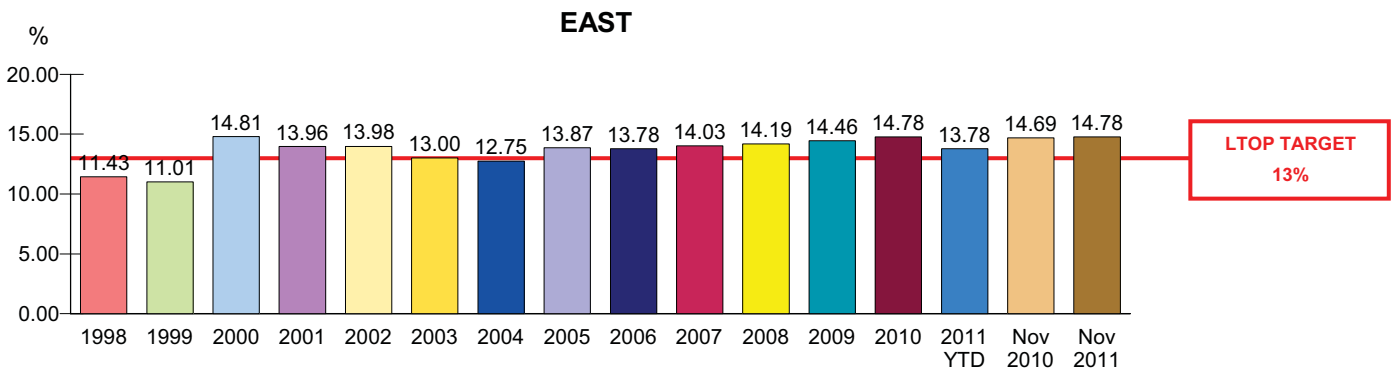
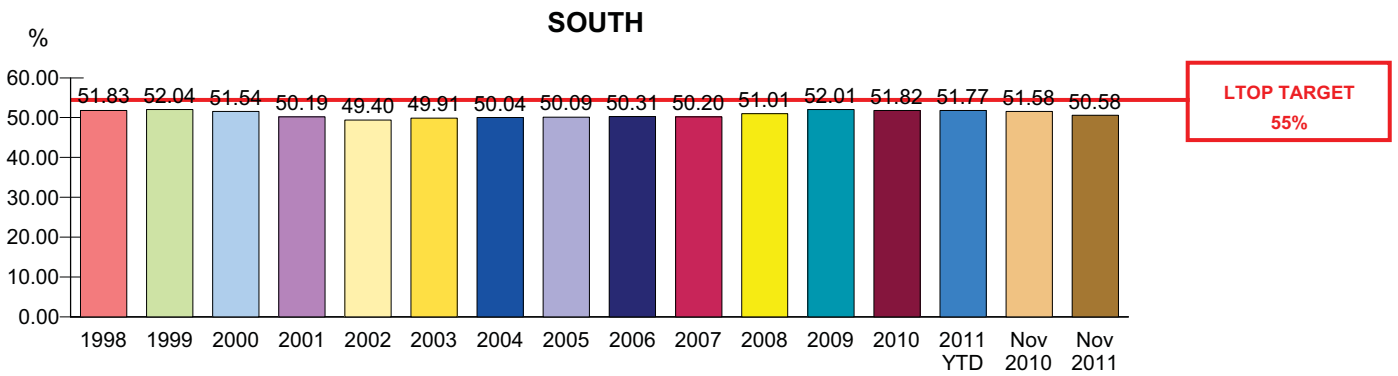
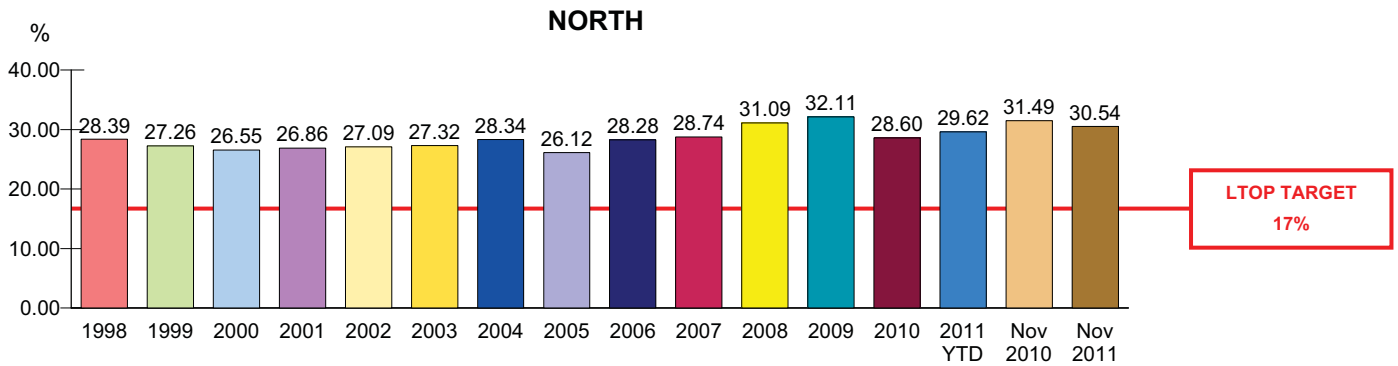
(1) Mode 15 was introduced during RESA works (commenced October 2008) and ceased being used at the completion of RESA (April 2010).

Cumulative Mode Utilisation from 1 January 2011

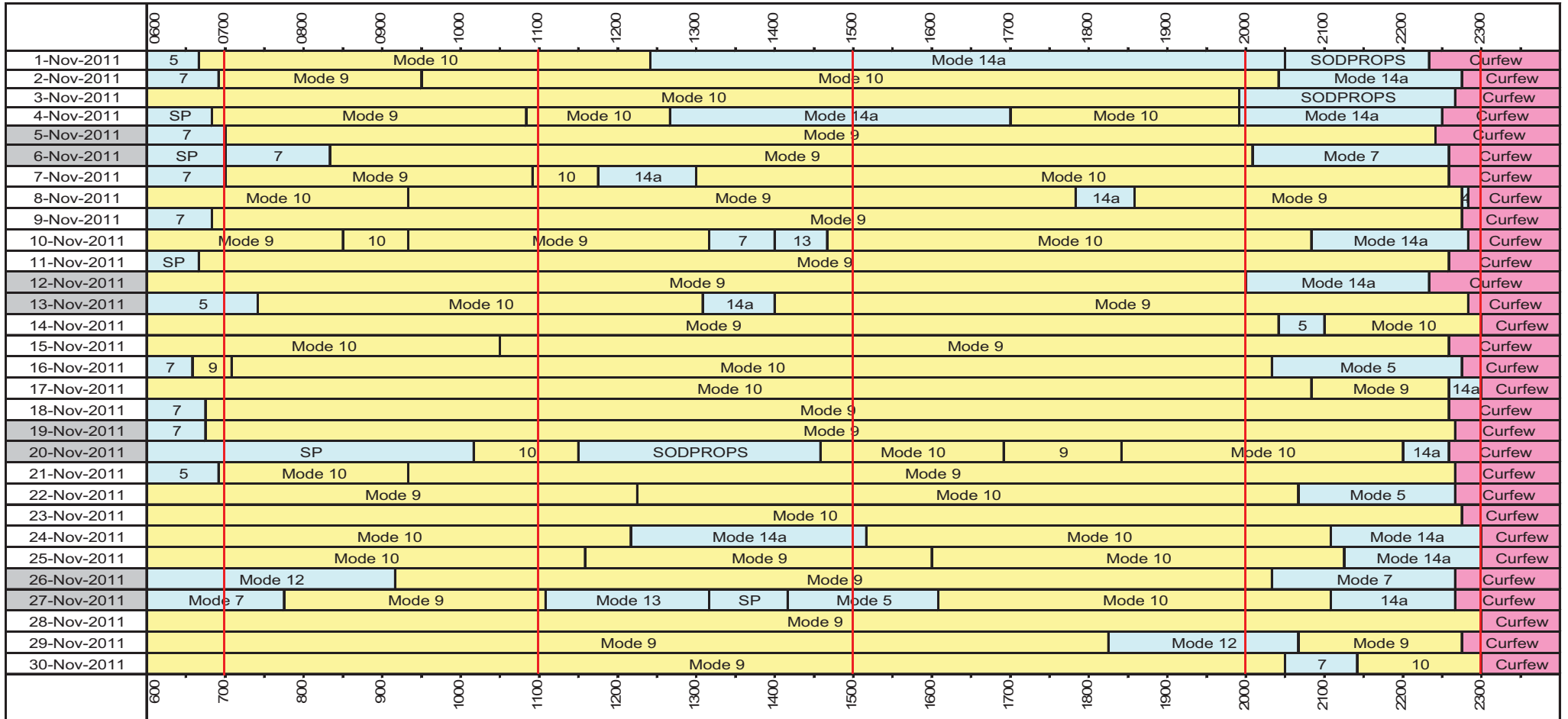
Time	2.23%	6.26%	5.53%	4.67%	0.00%	38.58%	34.60%	0.11%	1.26%	6.75%	0.00%	0.00%
Movements	0.40%	4.74%	3.90%	3.35%	0.00%	43.13%	37.66%	0.10%	1.28%	5.46%	0.00%	0.00%

Runway End Impact to 30 November 2011

Includes comparisons with annual figures for 1998 to 2010, 2011 Year to Date, current month this year and corresponding month last year.



Sydney Airport - Daily Mode Usage



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 **November 2011**.

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

Date	PRM		Hours of PRM operation
	Start Time	End Time	
17 Nov 2011	7:05	8:24	1:19
21 Nov 2011	7:04	9:13	2:09
23 Nov 2011	6:55	9:44	2:49
25 Nov 2011	6:54	9:28	2:34

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
17 Nov 2011	49	21	28
21 Nov 2011	85	41	44
23 Nov 2011	99	46	53
25 Nov 2011	87	39	48

Complaints and complainants by suburb, specifically mentioning PRM operations

Suburb	Number of complaints	Number of complainants
Pymble	1	1

Noise Complaints & Information Service

The Noise Complaints & Information Service is a function of Airservices Australia located at Sydney Airport. For more information visit the website at:

www.airservicesaustralia.com

The practices of the Service comply with the requirements of:

The Privacy Act 1988 (Commonwealth)

www.privacy.gov.au

The Telecommunications Act 1997 (Commonwealth)

www.acma.gov.au

The responsibilities of the Service include the recording of complaints, comments and enquiries regarding aircraft operations and noise for flights within Australia.

The Service is available **from 9 am to 5 pm, Monday to Friday** Australian Eastern Standard Time / Eastern Daylight Saving Time. Outside of these hours Voice Mail is used to record these calls. The Service can be contacted by:

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

In addition complaints can be lodged via the internet at:

<https://www.airservicesaustralia.com/aircraftnoise/about-making-a-complaint/how-to-make-a-complaint/>

Complaints received are entered directly into a computer database. Any personal information collected is protected and will not be passed onto any unrelated parties. Statistical information generated from the computer database is produced for this Report, and is also made available to the Sydney Airport Community Forum (SACF). For more information visit the website at:

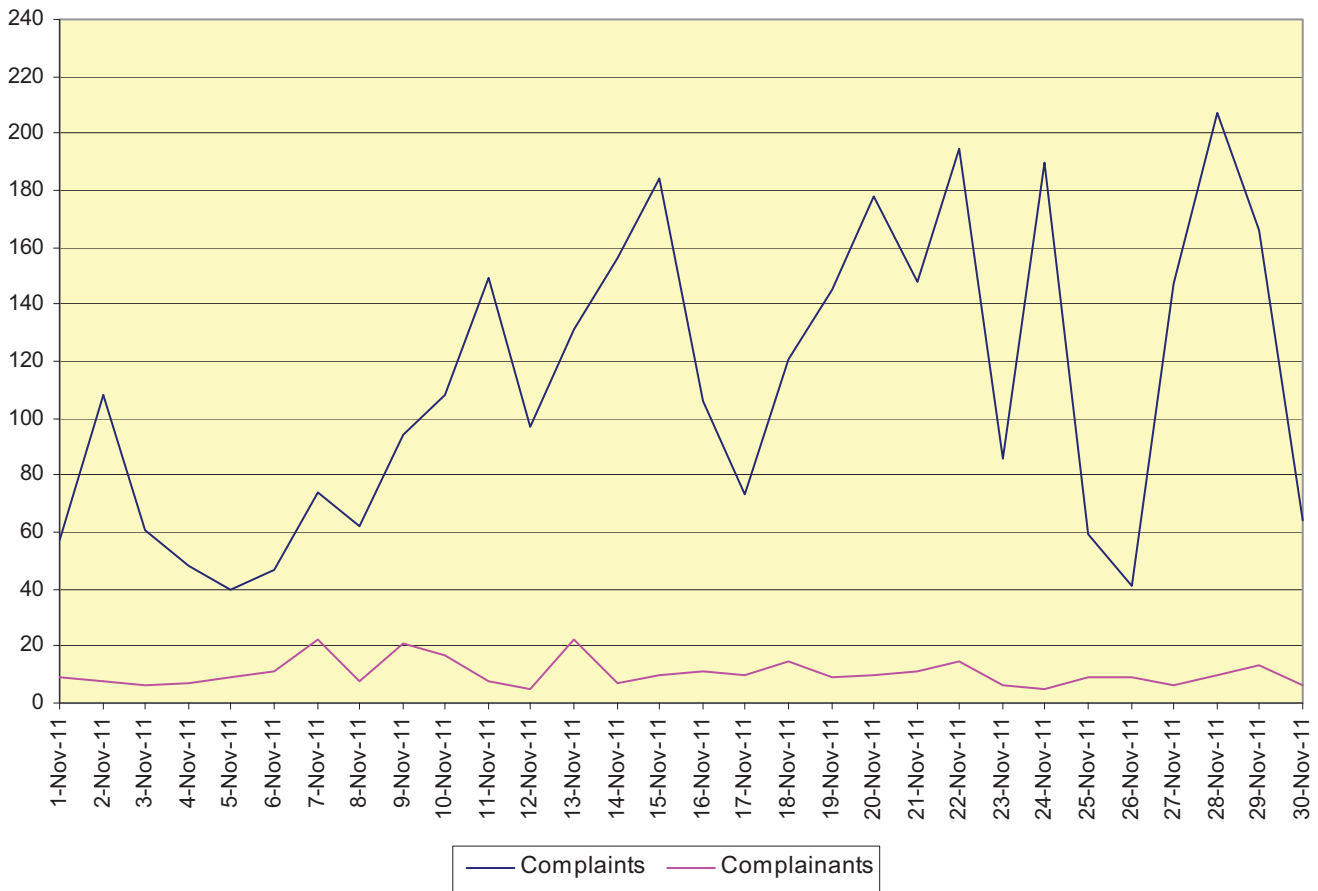
www.sacf.infrastructure.gov.au

Summary of Section Activity – November 2011

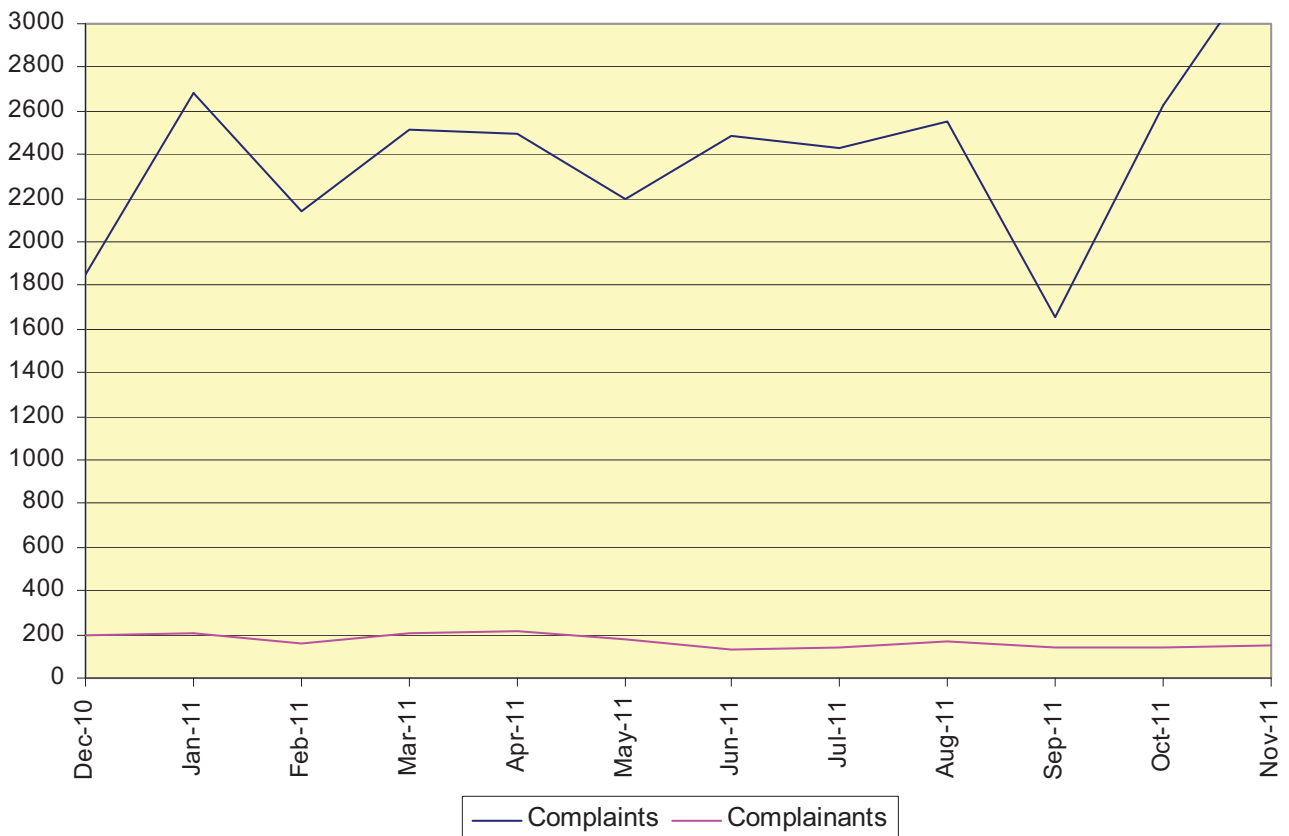
➤ Sydney Suburbs Complaints	
• By phone.....	210
• By correspondence.....	17
• By internet.....	1357
• By e-mail.....	66
• By WebTrak.....	1691
➤ Sydney Suburbs Complaints – suburb not specified	5
➤ Sydney Suburbs Comments and Enquiries	35
➤ Other than Sydney Suburbs or Sydney Airport (NSW Only) Complaints	76
➤ Other than Sydney Suburbs or Sydney Airport (NSW Only) Comments and Enquiries	1
➤ Callback / Information Requests (NSW Only).....	260

Complaints Graphs

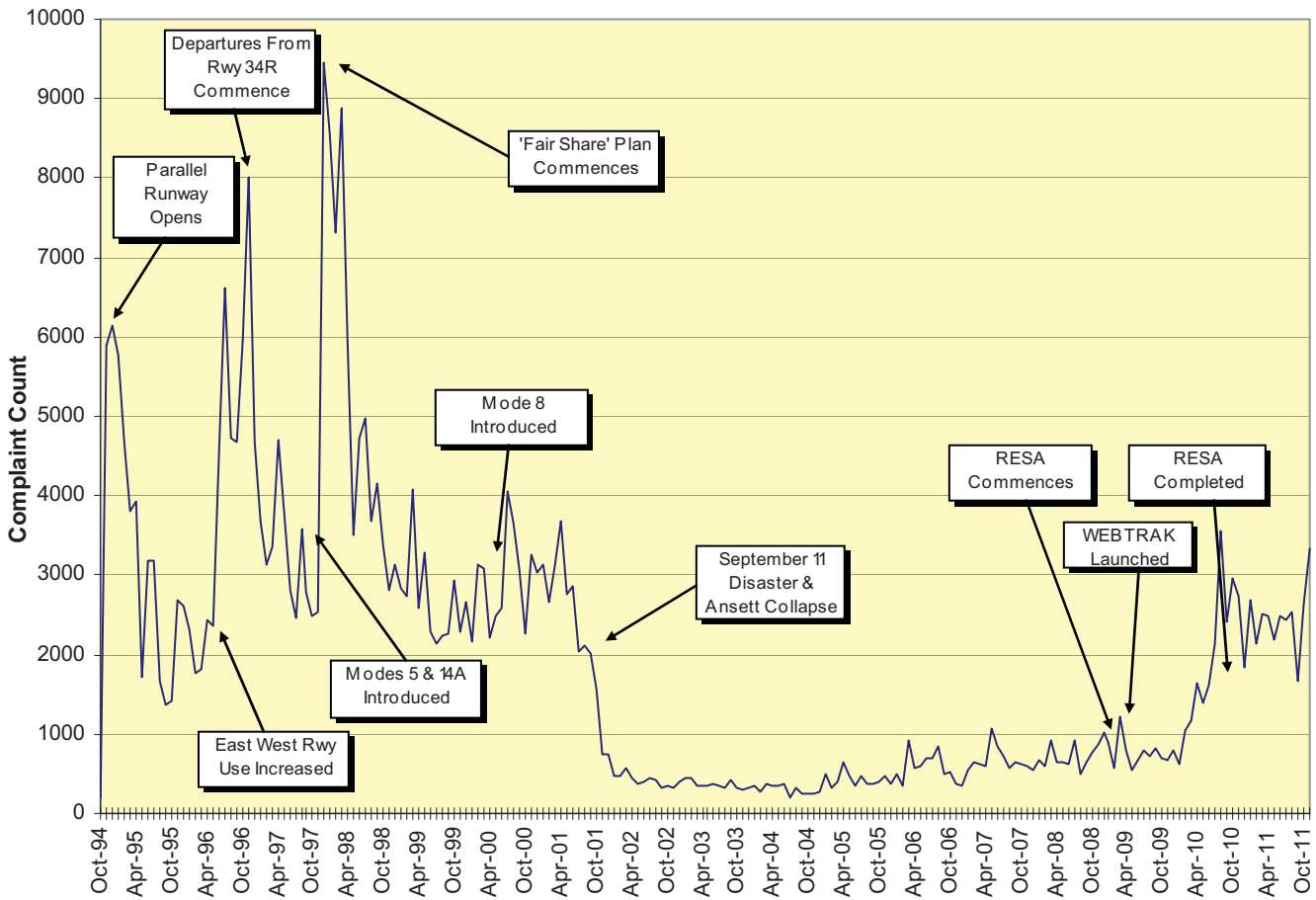
Complaints vs Complainants – 1 November to 30 November 2011



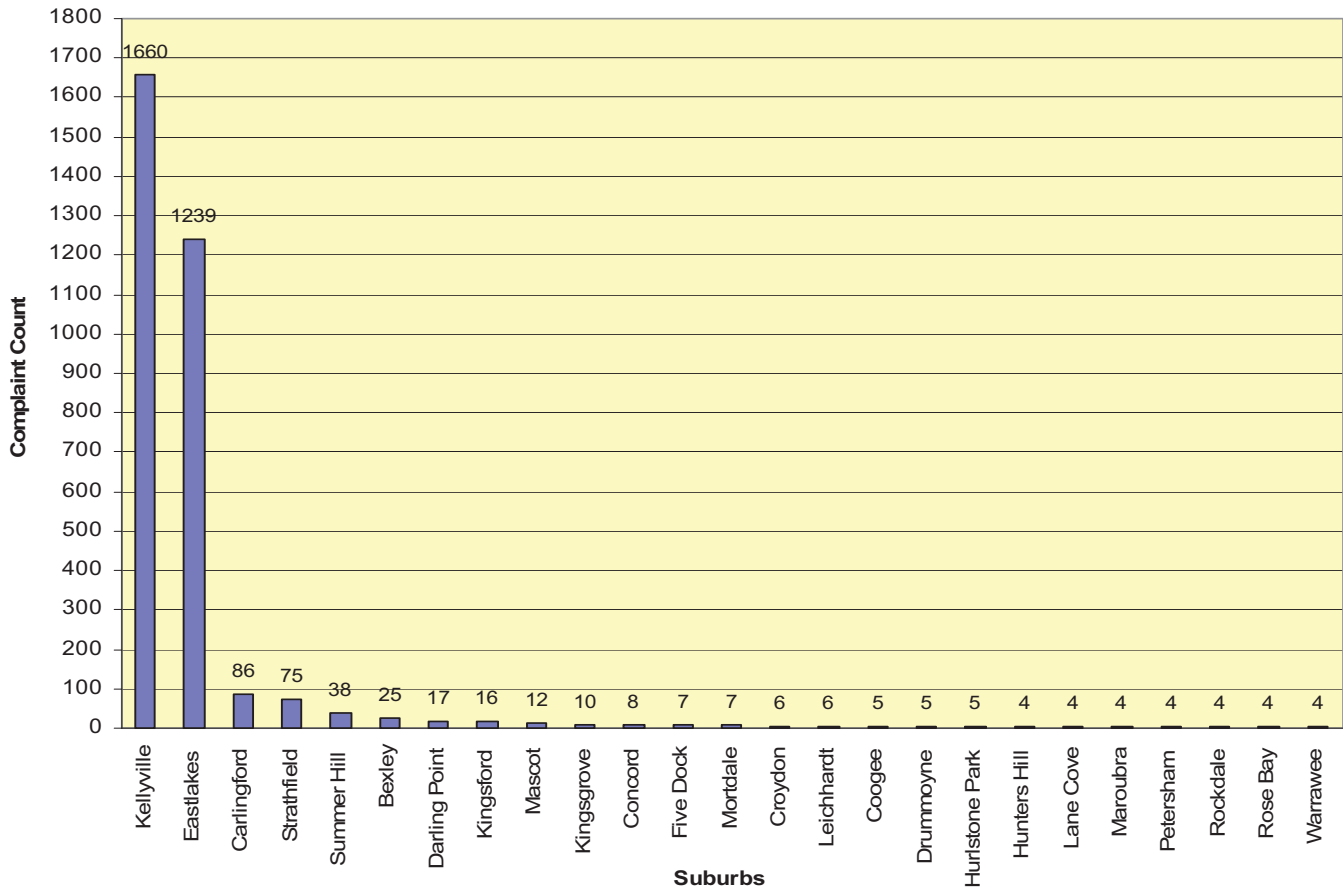
Complaints vs Complainants – Monthly



Complaints History

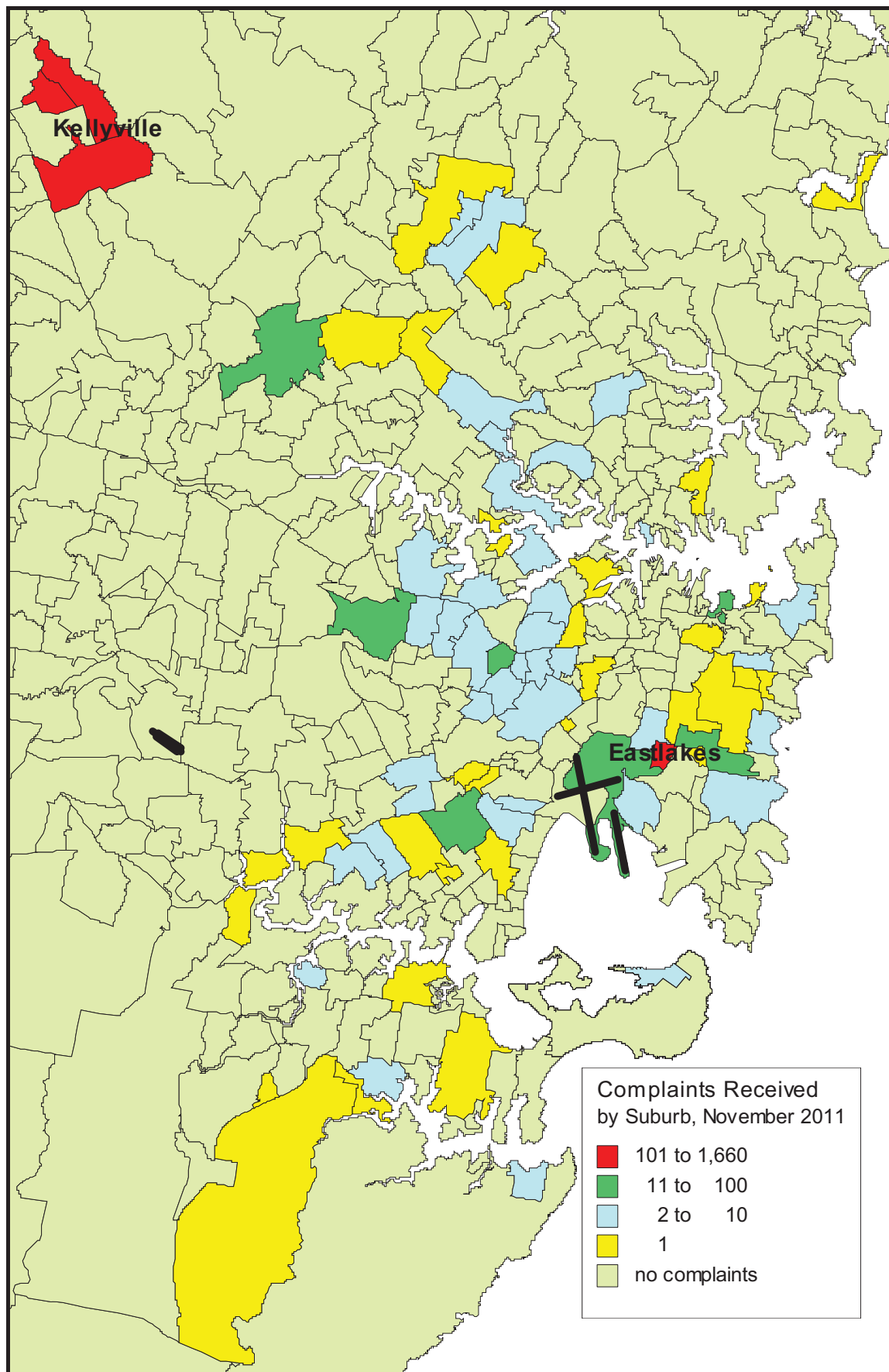


Top 20 Complaint Suburbs – 1 November to 30 November 2011



Complaint Density by Suburb

1 November to 30 November 2011



Recorded Complaints vs Complainants, by Suburb

1 November to 30 November 2011

<i>SUBURB</i>	<i>COMPLAINTS</i>	<i>COMPLAINANTS</i>	<i>SUBURB</i>	<i>COMPLAINTS</i>	<i>COMPLAINANTS</i>
Not Specified	5	1	Kingsford	16	6
Alfords Point	1	1	Kingsgrove	10	1
Allawah	1	1	Kogarah	1	1
Annandale	1	1	Kurnell	3	3
Ashfield	2	2	Lane Cove	4	1
Balmain	1	1	Leichhardt	6	4
Banksia	2	1	Lewisham	2	2
Bardwell Park	1	1	Lilyfield	2	1
Bardwell Valley	1	1	Maroubra	4	3
Bexley	25	7	Marrickville	3	3
Bondi Junction	2	2	Marsfield	1	1
Bonnet Bay	3	1	Mascot	12	11
Botany	2	1	Mcmahons Point	2	1
Bundeena	2	2	Mortdale	7	1
Burwood	2	2	Narrabeen	1	1
Caringbah	1	1	Newtown	1	1
Carlingford	86	4	North Ryde	3	3
Chatswood	3	1	Paddington	1	1
Chiswick	1	1	Padstow Heights	1	1
Concord	8	2	Peakhurst	1	1
Coogee	5	3	Penshurst	2	2
Cremorne	1	1	Petersham	4	3
Croydon	6	3	Point Piper	1	1
Daceyville	1	1	Pymble	1	1
Darling Point	17	4	Queens Park	1	1
Drummoyne	5	3	Randwick	1	1
Dulwich Hill	2	1	Rockdale	4	3
East Ryde	3	3	Rose Bay	4	1
Eastlakes	1239	2	Rosebery	2	1
Epping	1	1	Stanmore	3	3
Five Dock	7	4	Strathfield	75	1
Grays Point	1	1	Summer Hill	38	5
Gymea Bay	3	3	Sydenham	1	1
Henley	1	1	Sylvania	1	1
Hunters Hill	4	2	Turramurra	2	1
Hurlstone Park	5	1	Wahroonga	1	1
Hurstville	1	1	Warrawee	4	2
Kellyville	1660	1	Waverley	1	1
Kensington	1	1	Yarrowarra	1	1
Total Complaints	3341		Total Complainants	149	

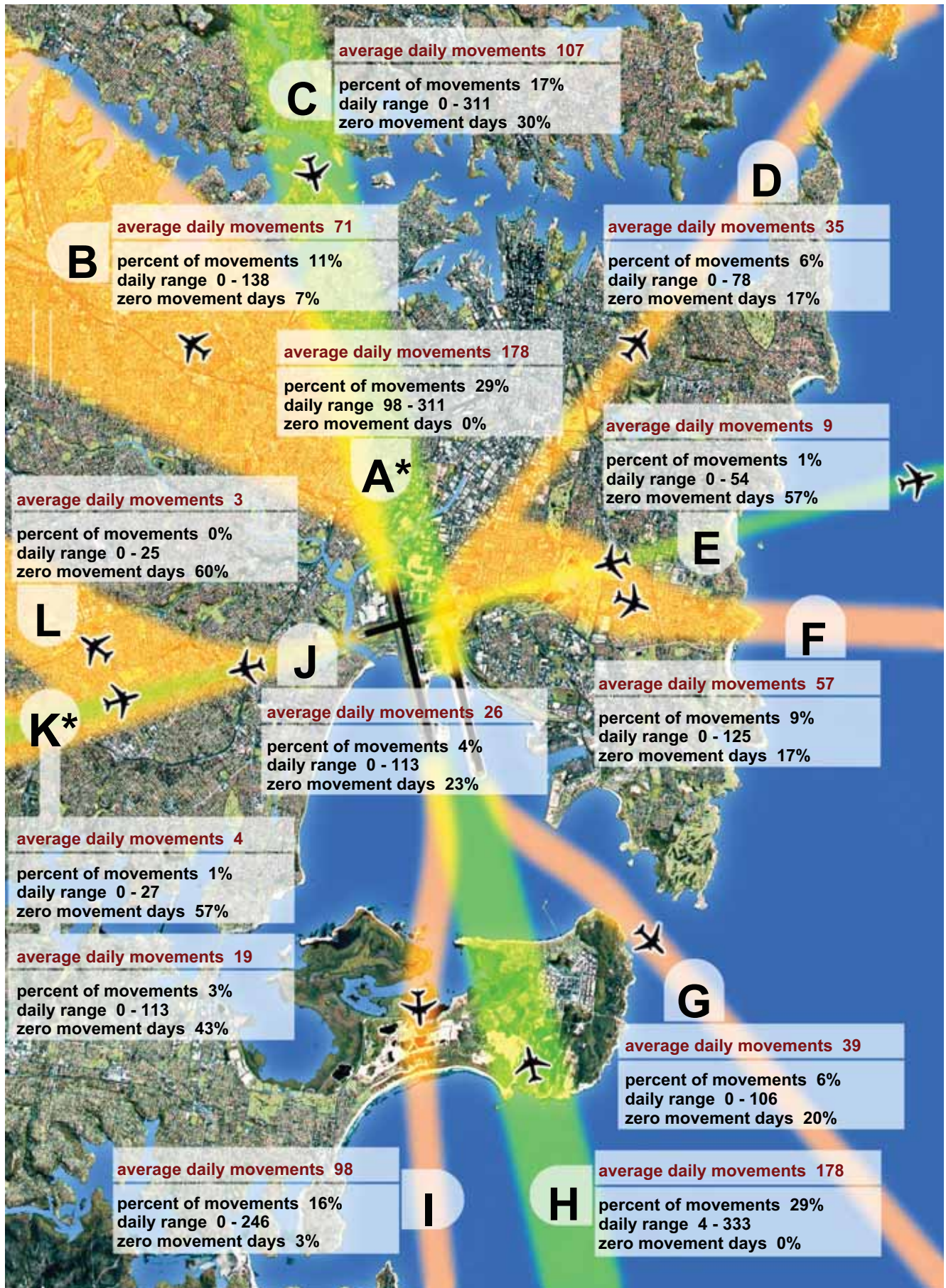
Recorded Complaints vs Complainants, by Locations/Airports Other than Sydney (NSW Only)

1 November to 30 November 2011

<i>SUBURB</i>	<i>COMPLAINTS</i>	<i>COMPLAINANTS</i>	<i>SUBURB</i>	<i>COMPLAINTS</i>	<i>COMPLAINANTS</i>
Bankstown	45	12	Coffs Harbour	1	1
Camden	4	3	Holdsworthy	1	1
Williamtown	4	3	Holsworthy	1	1
Amberley	2	1	Lismore	2	2
Archerfield	2	1	Not Specified	2	1
Berkeley Vale	1	1	Parramatta	2	1
Byron Bay	2	2	Richmond	2	2
Carwoola	1	1	Tyagarah	1	1
Cessnock	1	1	Wollongong	1	1
Channel 9 Willoughby	1	1			
Total Complaints		76	Total Complainants		37

Sydney Airport : Jet Flight Path Movements

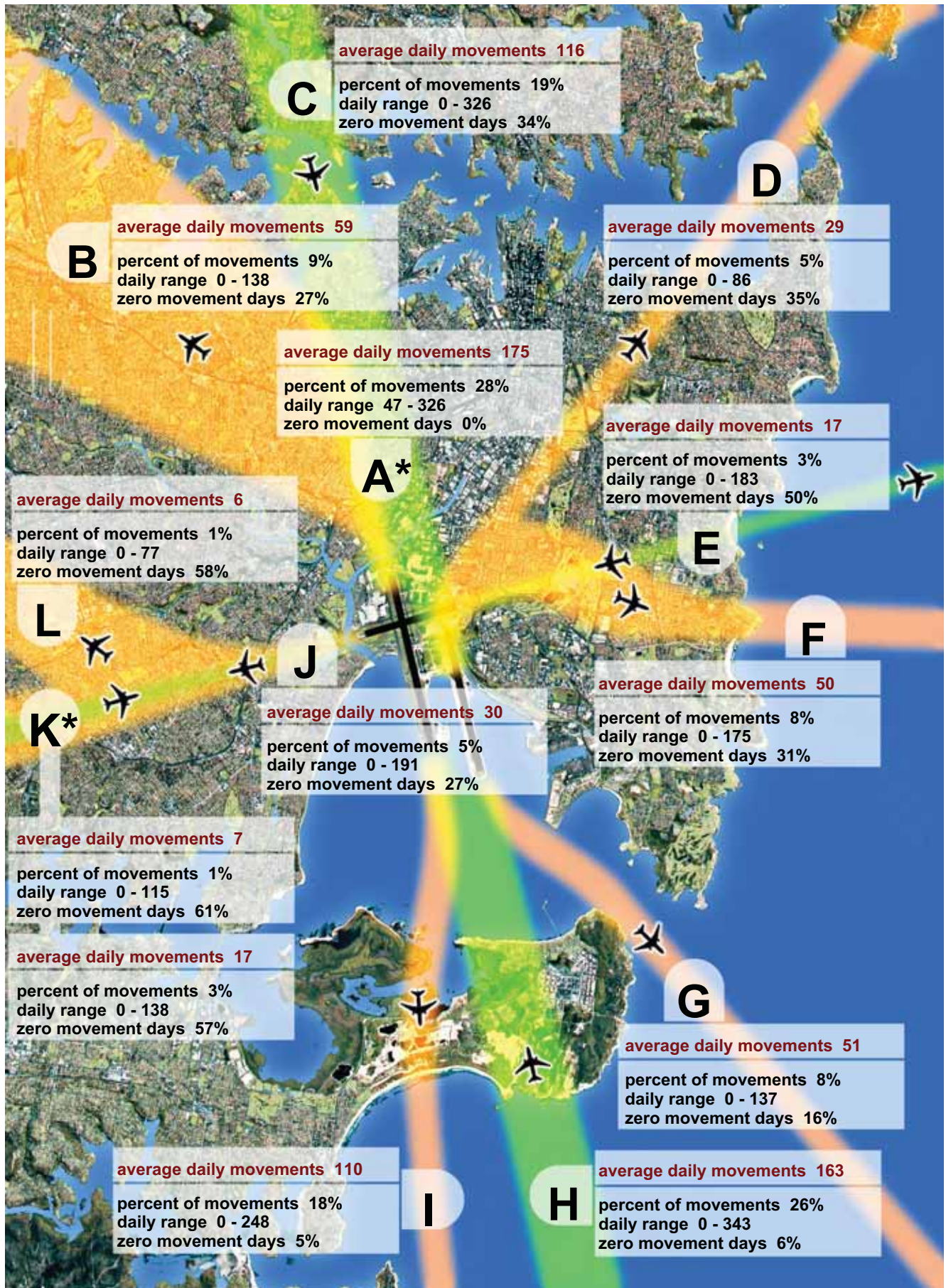
1 Nov 2011 to 30 Nov 2011, All Jets



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

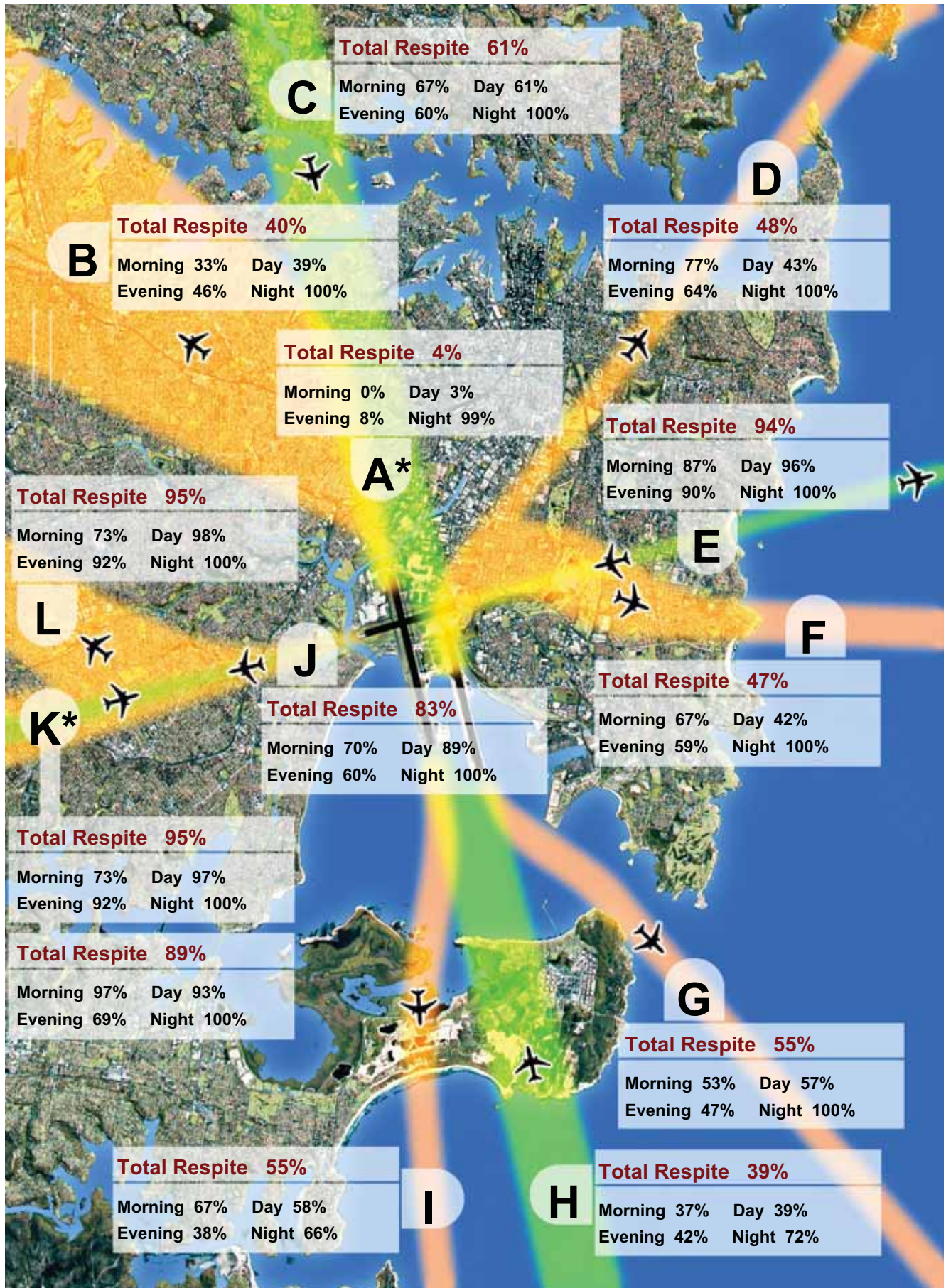
1 Dec 2010 to 30 Nov 2011, All Jets



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 Nov 2011 to 30 Nov 2011, All Jets



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

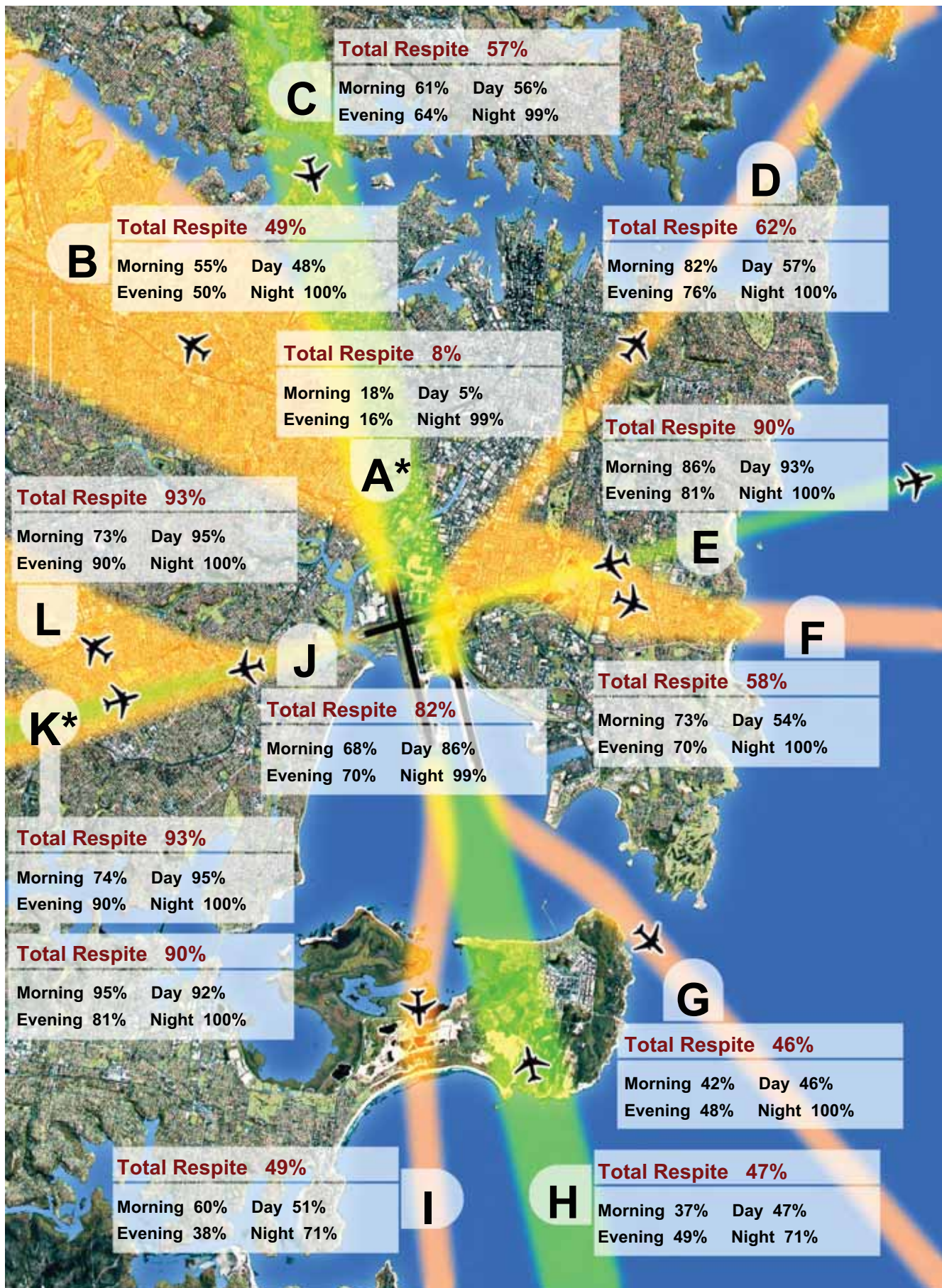
A respite interval is a 60 minute period when there are no jet movements (R60).

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 Dec 2010 to 30 Nov 2011, 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)

December 2010 to November 2011

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 December 2010 .
	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 April 2011 .
	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 December 2010 .
	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 May 2011 .
	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 December 2010 .
	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 December 2010 and Mode 7 was in July 2011 .
	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 July 2011 , Mode 14A in October 2011 & 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 **respite 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 December 2010 to November 2011, 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 62%**. This means that over the period **December 2010 to November 2011 for 62%** 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 November 2011.



Figure 1. NMT sites about Sydney Airport and the daily N70 values for the month of November 2011

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 November 2011 along with the Daily N70 values for the three months up to and including November are given in Table 1.

Location	CNE Nov	Operational Days Nov	N70 Nov	N70 Oct	N70 Sep
<i>Threshold rwy 34</i>	10,906	29.9	355	327	340
<i>Penshurst</i>	1,083	29.9	28	46	33
<i>Bexley</i>	1,128	29.9	33	49	41
<i>Sydenham</i>	5,060	29.9	168	157	147
<i>Johnston St. Annandale</i>	2,580	29.9	64	68	56
<i>Church St. St Peters</i>	3,970	29.9	97	93	84
<i>Leichhardt PEMU 36</i>	2,816	29.9	89	96	78
<i>Eastlakes</i>	2,222	29.9	64	61	79
<i>Coogee</i>	641	29.9	15	19	31
<i>Kurnell</i>	3,232	29.9	82	62	77
<i>Croydon</i>	667	29.9	16	13	14
<i>Hunters Hill</i>	4,173	29.9	57	58	49

Table 1 Results for each Noise Monitoring Terminal for the three months up to and including November 2011.

The N70 values for November 2011 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 47 Day 273 Night 12 WE_D 304 WE_N 3	Penshurst AM 2 PM 12 Day 15 Night 0 WE_D 26 WE_N 1	Bexley AM 3 PM 13 Day 17 Night 0 WE_D 34 WE_N 0	Eastlakes AM 2 PM 9 Day 47 Night 0 WE_D 78 WE_N 0
Coogee AM 1 PM 5 Day 7 Night 0 WE_D 21 WE_N 0	Sydenham AM 6 PM 18 Day 156 Night 1 WE_D 135 WE_N 0	Leichhardt PEMU36 AM 4 PM 9 Day 92 Night 1 WE_D 41 WE_N 0	Kurnell AM 1 PM 8 Day 72 Night 0 WE_D 84 WE_N 0
Annandale AM 1 PM 4 Day 73 Night 0 WE_D 25 WE_N 0	St Peters AM 1 PM 8 Day 100 Night 0 WE_D 64 WE_N 0	Croydon AM 1 PM 2 Day 11 Night 0 WE_D 22 WE_N 0	Hunters Hill AM 4 PM 6 Day 57 Night 0 WE_D 26 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.