



AIRSERVICES AUSTRALIA

Sydney Airport
Operational Statistics
May 2008

Produced by the Noise Enquiry Service

PREVIEW

Sydney Airport Operational Statistics Report Preview

May 2008

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

There was a total of 25,388 aircraft movements this month (daily average 818.97). Last month there were a total of 24,653 movements (daily average 821.77) and for the same month last year there were a total of 24,272 movements (daily average 782.97).

Mode Utilisation (refer pages 11 & 13)

Individual mode use in excess of 9 hours occurred on 21 days this month, Mode 9 on 12 days and Mode 10 on 9 days. Crossing runway modes (including Sodprops) were used for 30.96% of non Curfew hours.

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 28.19% - This result is above the LTOP target but below the previous month (34.31%).

South 52.51% - This result is below the LTOP target but above the previous month (50.31%).

East 16.70% - This result is above the LTOP target and also above the previous month (9.48%).

West 2.60% - This result is below the LTOP target and also below the previous month (5.90%).

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

This procedure was used on 29 May 2008 for a total of 1 hour 53 minutes (ATIS time).

Noise Enquiry Service (refer pages 15-20)

A total of 737 complaints, comments and enquiries were received as follows:

653 Sydney suburbs complaints from 155 complainants

40 Sydney suburbs comments and enquiries

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

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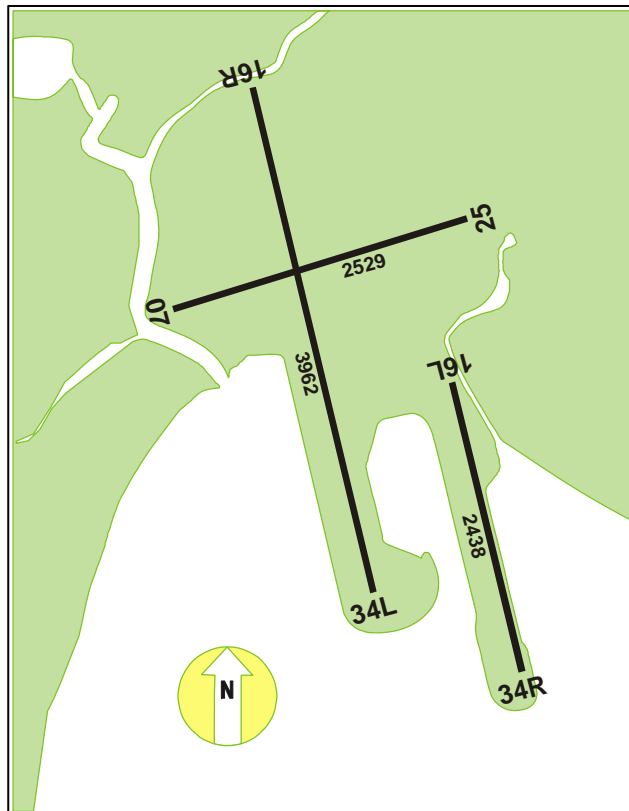
click on "Reports and Statistics" **then** "Sydney Airport Operational Statistics".

* This information is produced using the TNIP software package developed by DOTaRS

** This information is produced by Environment Services, Airservices Australia

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Sydney Airport Runways



Runway numbers refer to the direction an aircraft is flying.

Runway 16R/34L
Runway 16L/34R
Runway 07/25

Main North-South runway
Parallel North-South runway.
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)

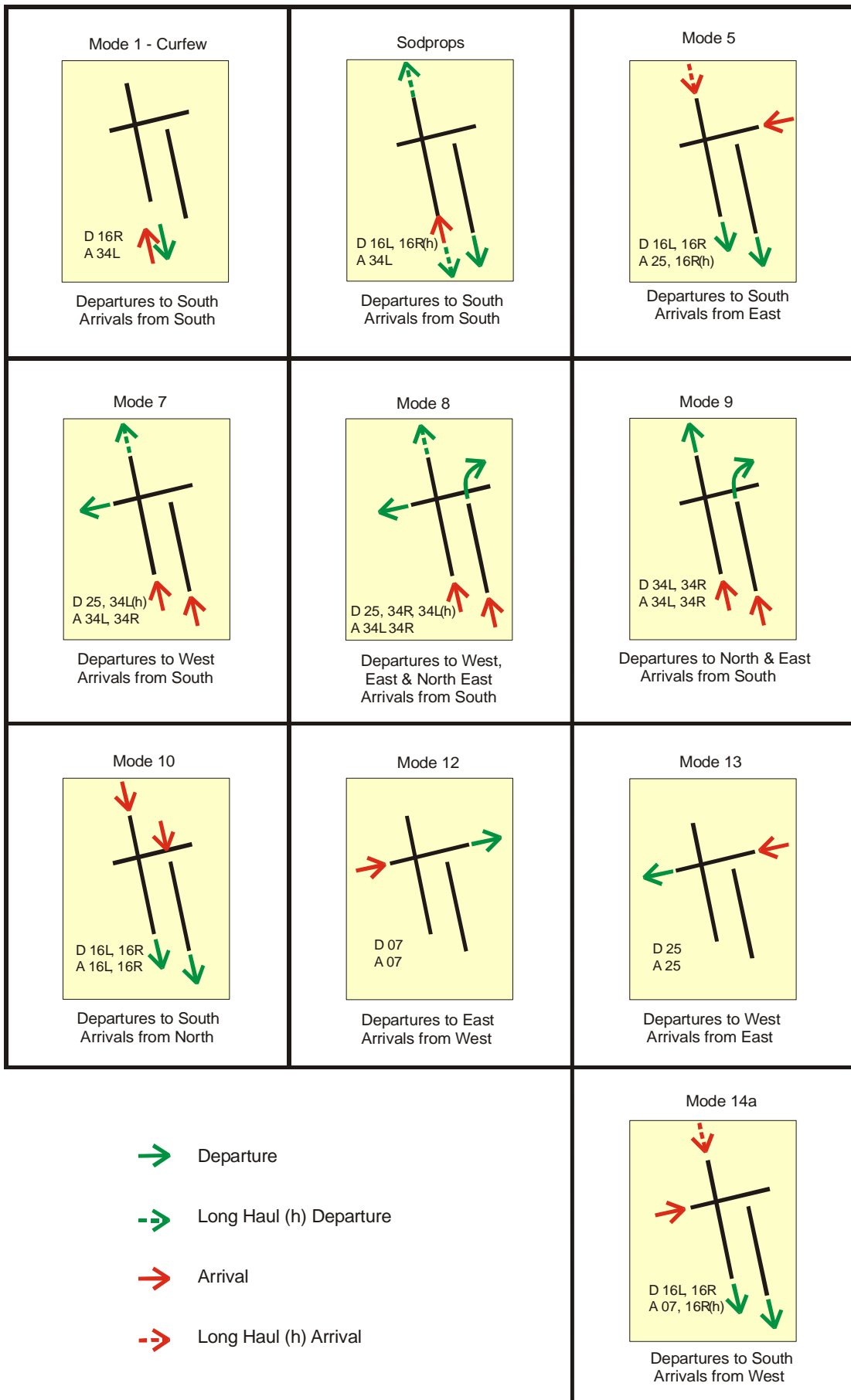
Movements over the East

=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 28 November 2000

Monday to Friday		
2300 to 0600	1.	Curfew – Departures 16R/Arrivals 34L (Mode 1)
0600 to 0700	1. 2. 3. 4.	SODPROPS - Departures 16L / Arrivals 34L 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) 34 (Mode 9) or 16 (Mode 10) 07 (Mode 12) or 25 (Mode 13)
0700 to 2245 / 2300	1. 2. 3. 4.	SODPROPS - Departures 16L / Arrivals 34L 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) 34 (Mode 9) or 16 (Mode 10) 07 (Mode 12) or 25 (Mode 13)
2245 to 2300	1. 2. 3. 4.	SODPROPS - Departures 16L&R (Mandatory) / Arrivals 34L Departures 16L&R (Mandatory) / Arrivals 34L (Mode 4) 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. Departures 16L&R / Arrivals 25 (Mode 5) , or Departures 16L&R / Arrivals 07 (Mode 14A) 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 0600 to 0800 Sunday	1. 2. 3. 4. 5.	SODPROPS - Departures 16L / Arrivals 34L Curfew Act - Departures 16L&R/Arrivals 34L (Mode 4) unless there would be significant delays to either departing or arriving aircraft or traffic complexity requires a variation or weather conditions are not suitable 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) 34 (Mode 9) or 16 (Mode 10) 07 (Mode 12) or 25 (Mode 13)
0700 to 2200 Saturday 0800 to 2200 Sunday	1. 2. 3. 4.	SODPROPS - Departures 16L / Arrivals 34L 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) 34 (Mode 9) or 16 (Mode 10) 07 (Mode 12) or 25 (Mode 13)
2200 to 2245	1. 2. 3. 4. 5. 6. 7. 8.	SODPROPS - Departures 16L / Arrivals 34L Departures 16L&R / Arrivals 34L (Mode 4) unless there would be significant delays to either departing or arriving aircraft or traffic complexity requires a variation or weather conditions are not suitable Departures 16L&R / Arrivals 25 (Mode 5) Departures 16L&R / Arrivals 07 (Mode 14A) Departures 34R, 25 & 34L / Arrivals 34L&R (Mode 8) Departures 25 / Arrivals 34L&R (Mode 7) 34 (Mode 9) or 16 (Mode 10) 07 (Mode 12) or 25 (Mode 13)
2245 to 2300	1. 2. 3. 4.	SODPROPS - Departures 16L&R (Mandatory) / Arrivals 34L Departures 16L&R (Mandatory) / Arrivals 34L (Mode 4) . The arrivals runway (34L) may be varied if 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. Departures 16L&R / Arrivals 25 (Mode 5) , or Departures 16L&R / Arrivals 07 (Mode 14A) 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			Day
	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	
01-May-08	0	0	0	0	18	18	0	17	17	0	52	52	275	178	453	174	180	354	894
02-May-08	0	0	0	137	125	262	211	305	516	61	14	75	27	0	27	4	0	4	884
03-May-08	0	0	0	82	103	185	135	227	362	112	10	122	25	0	25	0	0	0	694
04-May-08	1	0	1	74	114	188	128	220	348	68	16	84	79	23	102	16	8	24	747
05-May-08	0	0	0	0	54	54	1	5	6	0	16	16	306	162	468	118	180	298	842
06-May-08	0	0	0	0	27	27	0	15	15	1	44	45	293	167	460	131	173	304	851
07-May-08	1	0	1	62	79	141	104	211	315	156	73	229	80	40	120	38	44	82	888
08-May-08	0	0	0	138	122	260	227	321	548	71	1	72	7	0	7	0	0	0	887
09-May-08	1	0	1	109	101	210	155	230	385	44	16	60	84	37	121	45	54	99	876
10-May-08	0	0	0	35	41	76	98	106	204	23	31	54	130	79	209	68	87	155	698
11-May-08	1	0	1	90	111	201	172	242	414	64	23	87	28	0	28	12	0	12	743
12-May-08	2	0	2	0	4	4	1	7	8	0	14	14	288	180	468	135	219	354	850
13-May-08	0	1	1	0	0	0	0	16	16	7	16	23	300	210	510	111	170	281	831
14-May-08	0	0	0	0	32	32	0	17	17	4	9	13	302	180	482	125	199	324	868
15-May-08	1	0	1	5	9	14	11	27	38	0	3	3	248	180	428	160	205	365	849
16-May-08	0	0	0	0	0	0	0	9	9	1	46	47	270	172	442	162	207	369	867
17-May-08	0	0	0	0	0	0	1	1	2	48	88	136	211	128	339	81	121	202	679
18-May-08	0	0	0	81	92	173	131	214	345	74	27	101	62	16	78	22	26	48	745
19-May-08	0	0	0	117	124	241	189	294	483	111	3	114	8	0	8	0	0	0	846
20-May-08	1	0	1	56	76	132	91	151	242	49	18	67	164	91	255	57	86	143	840
21-May-08	1	0	1	122	101	223	197	258	455	1	18	19	70	21	91	40	32	72	861
22-May-08	0	0	0	158	128	286	235	320	555	50	0	50	9	0	9	0	0	0	900
23-May-08	1	0	1	150	130	280	217	322	539	68	2	70	6	0	6	0	0	0	896
24-May-08	0	0	0	55	113	168	105	191	296	128	1	129	53	20	73	0	0	0	666
25-May-08	2	0	2	0	35	35	0	0	0	0	9	9	262	173	435	106	171	277	758
26-May-08	1	0	1	0	59	59	0	12	12	1	14	15	298	178	476	121	161	282	845
27-May-08	2	0	2	16	68	84	20	80	100	49	17	66	239	130	369	99	131	230	851
28-May-08	0	0	0	81	79	160	106	204	310	74	20	94	100	55	155	55	59	114	833
29-May-08	4	0	4	143	123	266	197	293	490	55	12	67	25	1	26	4	0	4	857
30-May-08	3	0	3	0	31	31	3	37	40	31	15	46	262	167	429	138	191	329	878
31-May-08	1	0	1	16	63	79	44	130	174	123	10	133	119	62	181	36	60	96	664
Total	23	1	24	1727	2162	3889	2779	4482	7261	1474	638	2112	4630	2650	7280	2058	2764	4822	25388

Runway Movement Summary – Jet Aircraft Only

Date	Runway 07			Runway 16 Left			Runway 16 Right			Runway 25			Runway 34 Left			Runway 34 Right			Day
	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	
01-May-08	0	0	0	0	17	17	0	3	3	0	41	41	213	107	320	105	142	247	628
02-May-08	0	0	0	83	89	172	158	221	379	47	7	54	22	0	22	3	0	3	630
03-May-08	0	0	0	54	79	133	106	179	285	87	7	94	22	0	22	0	0	0	534
04-May-08	0	0	0	46	84	130	101	163	264	47	14	61	77	17	94	14	8	22	571
05-May-08	0	0	0	0	48	48	0	1	1	0	12	12	223	90	313	71	142	213	587
06-May-08	0	0	0	0	25	25	0	3	3	1	34	35	222	99	321	78	135	213	597
07-May-08	0	0	0	41	54	95	80	151	231	109	56	165	67	22	89	20	37	57	637
08-May-08	0	0	0	86	83	169	169	235	404	57	0	57	5	0	5	0	0	0	635
09-May-08	1	0	1	67	68	135	114	170	284	35	13	48	69	22	91	30	43	73	632
10-May-08	0	0	0	24	34	58	77	89	166	22	25	47	100	52	152	47	69	116	539
11-May-08	0	0	0	60	75	135	137	188	325	54	21	75	27	0	27	11	0	11	573
12-May-08	0	0	0	0	4	4	0	1	1	0	10	10	215	107	322	83	177	260	597
13-May-08	0	0	0	0	0	0	0	10	10	4	12	16	231	136	367	66	136	202	595
14-May-08	0	0	0	0	29	29	0	7	7	2	8	10	221	105	326	81	161	242	614
15-May-08	0	0	0	5	6	11	11	18	29	0	1	1	193	110	303	95	168	263	607
16-May-08	0	0	0	0	0	0	0	2	2	0	33	33	202	106	308	109	169	278	621
17-May-08	0	0	0	0	0	0	0	1	1	39	78	117	164	94	258	55	95	150	526
18-May-08	0	0	0	54	63	117	88	162	250	66	20	86	59	12	71	19	22	41	565
19-May-08	0	0	0	71	82	153	140	215	355	85	0	85	5	0	5	0	0	0	598
20-May-08	0	0	0	36	57	93	65	107	172	40	14	54	126	56	182	34	69	103	604
21-May-08	0	0	0	77	68	145	149	190	339	0	14	14	58	11	69	22	26	48	615
22-May-08	0	0	0	102	86	188	176	234	410	40	0	40	5	0	5	0	0	0	643
23-May-08	0	0	0	87	85	172	172	235	407	51	0	51	4	0	4	0	0	0	634
24-May-08	0	0	0	35	88	123	91	158	249	101	0	101	36	15	51	0	0	0	524
25-May-08	0	0	0	0	29	29	0	0	0	0	9	9	209	110	319	76	139	215	572
26-May-08	0	0	0	0	51	51	0	5	5	0	11	11	226	104	330	75	131	206	603
27-May-08	0	0	0	10	53	63	10	55	65	38	14	52	189	76	265	58	104	162	607
28-May-08	0	0	0	51	55	106	82	148	230	54	15	69	83	37	120	30	48	78	603
29-May-08	0	0	0	94	83	177	142	209	351	43	9	52	24	1	25	3	0	3	608
30-May-08	0	0	0	0	22	22	3	23	26	22	9	31	205	104	309	84	158	242	630
31-May-08	0	0	0	14	51	65	29	107	136	98	9	107	92	40	132	22	48	70	510
Total	1	0	1	1097	1568	2665	2100	3290	5390	1142	496	1638	3594	1633	5227	1291	2227	3518	18439

Runway Movement Summary – Non Jet Aircraft Only

Date	Runway 07			Runway 16 Left			Runway 16 Right			Runway 25			Runway 34 Left			Runway 34 Right			Day
	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	
01-May-08	0	0	0	0	1	1	0	14	14	0	11	11	62	71	133	69	38	107	266
02-May-08	0	0	0	54	36	90	53	84	137	14	7	21	5	0	5	1	0	1	254
03-May-08	0	0	0	28	24	52	29	48	77	25	3	28	3	0	3	0	0	0	160
04-May-08	1	0	1	28	30	58	27	57	84	21	2	23	2	6	8	2	0	2	176
05-May-08	0	0	0	0	6	6	1	4	5	0	4	4	83	72	155	47	38	85	255
06-May-08	0	0	0	0	2	2	0	12	12	0	10	10	71	68	139	53	38	91	254
07-May-08	1	0	1	21	25	46	24	60	84	47	17	64	13	18	31	18	7	25	251
08-May-08	0	0	0	52	39	91	58	86	144	14	1	15	2	0	2	0	0	0	252
09-May-08	0	0	0	42	33	75	41	60	101	9	3	12	15	15	30	15	11	26	244
10-May-08	0	0	0	11	7	18	21	17	38	1	6	7	30	27	57	21	18	39	159
11-May-08	1	0	1	30	36	66	35	54	89	10	2	12	1	0	1	1	0	1	170
12-May-08	2	0	2	0	0	0	1	6	7	0	4	4	73	73	146	52	42	94	253
13-May-08	0	1	1	0	0	0	0	6	6	3	4	7	69	74	143	45	34	79	236
14-May-08	0	0	0	0	3	3	0	10	10	2	1	3	81	75	156	44	38	82	254
15-May-08	1	0	1	0	3	3	0	9	9	0	2	2	55	70	125	65	37	102	242
16-May-08	0	0	0	0	0	0	0	7	7	1	13	14	68	66	134	53	38	91	246
17-May-08	0	0	0	0	0	0	1	0	1	9	10	19	47	34	81	26	26	52	153
18-May-08	0	0	0	27	29	56	43	52	95	8	7	15	3	4	7	3	4	7	180
19-May-08	0	0	0	46	42	88	49	79	128	26	3	29	3	0	3	0	0	0	248
20-May-08	1	0	1	20	19	39	26	44	70	9	4	13	38	35	73	23	17	40	236
21-May-08	1	0	1	45	33	78	48	68	116	1	4	5	12	10	22	18	6	24	246
22-May-08	0	0	0	56	42	98	59	86	145	10	0	10	4	0	4	0	0	0	257
23-May-08	1	0	1	63	45	108	45	87	132	17	2	19	2	0	2	0	0	0	262
24-May-08	0	0	0	20	25	45	14	33	47	27	1	28	17	5	22	0	0	0	142
25-May-08	2	0	2	0	6	6	0	0	0	0	0	0	53	63	116	30	32	62	186
26-May-08	1	0	1	0	8	8	0	7	7	1	3	4	72	74	146	46	30	76	242
27-May-08	2	0	2	6	15	21	10	25	35	11	3	14	50	54	104	41	27	68	244
28-May-08	0	0	0	30	24	54	24	56	80	20	5	25	17	18	35	25	11	36	230
29-May-08	4	0	4	49	40	89	55	84	139	12	3	15	1	0	1	1	0	1	249
30-May-08	3	0	3	0	9	9	0	14	14	9	6	15	57	63	120	54	33	87	248
31-May-08	1	0	1	2	12	14	15	23	38	25	1	26	27	22	49	14	12	26	154
Total	22	1	23	630	594	1224	679	1192	1871	332	142	474	1036	1017	2053	767	537	1304	6949

Hourly Runway Movement Summary – All Movements

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-May-08	7	3	1	3	1	3	35	73	72	55	53	55	49	39	48	52	60	52	66	59	39	31	30	8	894
02-May-08	7	1	1	2	4	7	36	64	68	64	57	52	54	38	46	56	51	52	65	59	47	32	17	4	884
03-May-08	1	0	0	2	2	4	28	65	60	55	55	50	43	36	44	52	34	32	42	32	27	17	12	1	694
04-May-08	1	0	2	0	1	3	22	41	52	45	52	50	45	36	42	58	49	54	57	63	33	26	15	0	747
05-May-08	0	0	1	0	0	3	38	69	64	60	54	53	48	32	49	58	47	45	57	58	38	28	31	9	842
06-May-08	9	0	2	3	1	4	39	73	64	59	55	57	44	36	50	46	50	49	56	59	35	24	30	6	851
07-May-08	5	0	1	3	3	6	35	71	70	52	48	55	55	36	49	57	56	50	69	58	39	37	24	9	888
08-May-08	2	0	1	3	1	3	39	73	69	58	52	57	51	30	54	58	54	57	64	59	40	31	25	6	887
09-May-08	4	2	1	3	1	3	40	66	69	56	55	62	44	35	52	55	47	55	69	60	42	33	20	2	876
10-May-08	3	1	2	1	0	3	31	58	64	53	52	50	43	37	52	53	31	33	38	34	27	20	12	0	698
11-May-08	1	0	1	1	1	4	28	41	52	40	50	51	42	40	45	55	40	51	60	59	38	27	16	0	743
12-May-08	2	2	0	1	0	3	38	64	74	57	51	58	51	32	51	58	43	45	63	59	35	29	28	6	850
13-May-08	5	1	1	3	1	4	40	59	68	62	51	58	39	38	40	53	53	44	44	48	40	44	28	7	831
14-May-08	6	0	1	4	3	2	32	63	64	67	56	53	47	38	45	56	55	44	62	59	41	34	25	11	868
15-May-08	4	1	2	3	0	0	9	40	41	76	63	57	51	43	53	61	56	57	67	52	42	37	26	8	849
16-May-08	6	0	2	2	1	5	35	67	65	52	58	56	49	41	53	52	48	49	63	57	43	40	22	1	867
17-May-08	0	1	1	0	1	3	31	57	53	58	55	45	45	39	40	48	36	32	35	36	31	19	13	0	679
18-May-08	1	1	0	0	0	3	26	42	47	46	50	43	44	34	53	51	45	46	69	57	36	31	20	0	745
19-May-08	1	1	1	0	0	3	38	65	69	56	55	53	45	39	53	58	46	40	70	60	36	25	22	10	846
20-May-08	7	0	2	3	1	2	42	66	65	53	54	53	44	39	43	52	56	47	64	56	28	31	25	7	840
21-May-08	5	3	2	3	3	4	46	66	66	67	54	51	45	34	47	54	45	44	63	57	42	28	26	6	861
22-May-08	8	1	2	5	0	1	40	69	72	55	61	51	51	39	53	57	52	49	64	61	36	33	29	11	900
23-May-08	5	1	1	2	0	3	39	67	70	67	64	51	46	34	54	58	54	53	70	64	39	28	23	3	896
24-May-08	1	2	1	0	1	4	29	57	57	53	53	41	41	36	43	44	41	37	36	36	22	19	12	0	666
25-May-08	1	0	0	0	1	5	28	41	49	44	56	50	39	37	46	58	50	54	64	59	30	28	17	1	758
26-May-08	3	1	0	0	1	4	39	67	66	57	56	48	50	38	46	48	48	44	68	59	32	34	28	8	845
27-May-08	4	1	3	2	1	2	37	68	75	62	53	41	51	34	49	48	48	49	58	67	32	27	28	11	851
28-May-08	5	2	2	3	0	3	36	66	70	52	54	50	36	37	47	55	49	31	52	62	52	31	30	8	833
29-May-08	7	2	1	3	3	2	35	56	64	60	56	40	52	40	50	58	55	46	64	57	39	29	31	7	857
30-May-08	3	0	2	3	2	3	37	65	71	55	61	51	55	33	52	52	52	43	64	65	47	33	28	1	878
31-May-08	0	1	2	1	0	3	27	49	56	53	55	45	46	35	42	45	34	35	39	39	21	22	13	1	664
Total	114	28	39	59	34	102	1055	1888	1966	1749	1699	1587	1445	1135	1491	1666	1485	1419	1822	1710	1129	908	706	152	25388
Avg.	3.68	0.90	1.26	1.90	1.10	3.29	34.03	60.90	63.42	56.42	54.81	51.19	46.61	36.61	48.10	53.74	47.90	45.77	58.77	55.16	36.42	29.29	22.77	4.90	818.97

Hourly Runway Movement Summary – Arrivals

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-May-08	1	1	1	2	1	3	21	45	33	23	28	29	21	12	29	23	30	32	33	24	19	16	21	1	449
02-May-08	1	0	1	1	3	5	20	42	37	25	24	25	22	14	30	23	22	31	34	27	22	18	13	0	440
03-May-08	0	0	0	2	1	4	18	38	32	20	25	28	21	14	24	24	19	20	20	14	14	7	9	0	354
04-May-08	1	0	1	0	0	3	15	24	22	22	27	22	18	14	23	26	23	29	32	24	18	11	11	0	366
05-May-08	0	0	1	0	0	3	25	41	32	23	26	25	20	13	32	23	20	26	31	27	15	15	23	4	425
06-May-08	0	0	2	1	1	4	26	42	31	27	29	27	15	17	29	17	23	27	28	28	17	14	18	2	425
07-May-08	0	0	1	3	2	5	23	40	36	23	23	22	20	16	28	27	26	27	36	24	19	22	16	2	441
08-May-08	0	0	0	3	0	3	24	42	33	23	26	29	18	10	37	24	26	33	34	24	16	19	18	1	443
09-May-08	0	2	0	2	1	3	23	40	35	23	23	30	18	13	35	21	24	31	37	24	22	17	13	1	438
10-May-08	2	0	1	1	0	3	22	33	30	21	24	24	22	17	29	25	16	18	20	15	13	9	9	0	354
11-May-08	1	0	1	0	1	3	21	20	22	20	24	26	15	15	28	20	19	30	32	24	20	12	13	0	367
12-May-08	1	0	0	1	0	3	25	35	37	25	23	29	21	12	35	20	22	26	33	22	19	16	20	1	426
13-May-08	1	0	0	2	1	4	25	33	37	25	26	29	16	17	22	23	24	26	24	24	22	16	18	3	418
14-May-08	0	0	1	2	2	2	23	34	35	27	21	29	25	13	27	23	27	22	34	24	21	18	17	4	431
15-May-08	1	0	2	1	0	0	0	16	31	40	30	28	22	19	30	30	26	32	31	25	22	20	17	2	425
16-May-08	0	0	2	1	1	4	21	39	33	23	21	29	19	17	33	19	27	25	38	21	23	20	16	1	433
17-May-08	0	0	1	0	1	3	20	35	26	23	24	20	21	19	22	20	20	17	20	16	16	8	9	0	341
18-May-08	0	0	0	0	0	3	19	24	21	25	22	18	18	10	33	21	22	22	40	23	18	17	14	0	370
19-May-08	0	0	1	0	0	3	24	39	35	20	28	23	17	22	33	20	22	22	38	24	19	15	15	5	425
20-May-08	0	0	2	1	1	2	26	40	32	21	27	25	18	15	28	21	24	27	34	22	14	19	17	2	418
21-May-08	2	0	2	2	1	3	29	41	33	27	21	26	18	12	30	21	23	24	38	25	19	17	15	2	431
22-May-08	2	0	2	3	0	0	25	42	37	20	30	26	18	20	31	22	25	28	37	25	18	18	19	4	452
23-May-08	0	1	1	1	0	3	23	42	35	28	27	20	23	11	35	26	26	26	39	25	20	14	16	0	442
24-May-08	1	1	1	0	1	4	21	34	28	18	27	20	19	17	22	24	20	20	20	15	10	9	9	0	341
25-May-08	0	0	0	0	1	4	19	22	19	27	25	22	16	13	24	23	26	29	35	23	16	13	12	1	370
26-May-08	0	0	0	0	1	3	26	42	31	21	26	21	26	13	29	12	28	27	35	25	14	19	19	3	421
27-May-08	0	0	2	1	1	2	21	41	41	24	26	23	21	14	31	17	21	31	29	25	16	16	18	4	425
28-May-08	2	0	1	2	0	3	23	39	36	17	31	20	15	17	27	23	24	24	30	31	14	14	21	2	416
29-May-08	1	0	1	2	2	2	23	31	40	23	24	19	26	14	29	26	24	29	30	26	19	15	21	1	428
30-May-08	0	0	2	1	1	2	24	36	41	23	24	24	22	15	36	21	21	26	34	28	23	15	18	0	437
31-May-08	0	1	1	1	0	3	18	27	30	20	28	21	23	16	23	23	16	21	16	19	13	9	9	1	339
Total	17	6	31	36	24	92	673	1099	1001	727	790	759	614	461	904	688	716	808	972	723	551	468	484	47	12691
Avg.	0.55	0.19	1.00	1.16	0.77	2.97	21.71	35.45	32.29	23.45	25.48	24.48	19.81	14.87	29.16	22.19	23.10	26.06	31.35	23.32	17.77	15.10	15.61	1.52	409.39

Hourly Runway Movement Summary – Departures

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-May-08	6	2	0	1	0	0	14	28	39	32	25	26	28	27	19	29	30	20	33	35	20	15	9	7	445
02-May-08	6	1	0	1	1	2	16	22	31	39	33	27	32	24	16	33	29	21	31	32	25	14	4	4	444
03-May-08	1	0	0	0	1	0	10	27	28	35	30	22	22	22	20	28	15	12	22	18	13	10	3	1	340
04-May-08	0	0	1	0	1	0	7	17	30	23	25	28	27	22	19	32	26	25	25	39	15	15	4	0	381
05-May-08	0	0	0	0	0	0	13	28	32	37	28	28	28	19	17	35	27	19	26	31	23	13	8	5	417
06-May-08	9	0	0	2	0	0	13	31	33	32	26	30	29	19	21	29	27	22	28	31	18	10	12	4	426
07-May-08	5	0	0	0	1	1	12	31	34	29	25	33	35	20	21	30	30	23	33	34	20	15	8	7	447
08-May-08	2	0	1	0	1	0	15	31	36	35	26	28	33	20	17	34	28	24	30	35	24	12	7	5	444
09-May-08	4	0	1	1	0	0	17	26	34	33	32	32	26	22	17	34	23	24	32	36	20	16	7	1	438
10-May-08	1	1	1	0	0	0	9	25	34	32	28	26	21	20	23	28	15	15	18	19	14	11	3	0	344
11-May-08	0	0	0	1	0	1	7	21	30	20	26	25	27	25	17	35	21	21	28	35	18	15	3	0	376
12-May-08	1	2	0	0	0	0	13	29	37	32	28	29	30	20	16	38	21	19	30	37	16	13	8	5	424
13-May-08	4	1	1	1	0	0	15	26	31	37	25	29	23	21	18	30	29	18	20	24	18	28	10	4	413
14-May-08	6	0	0	2	1	0	9	29	29	40	35	24	22	25	18	33	28	22	28	35	20	16	8	7	437
15-May-08	3	1	0	2	0	0	9	24	10	36	33	29	29	24	23	31	30	25	36	27	20	17	9	6	424
16-May-08	6	0	0	1	0	1	14	28	32	29	37	27	30	24	20	33	21	24	25	36	20	20	6	0	434
17-May-08	0	1	0	0	0	0	11	22	27	35	31	25	24	20	18	28	16	15	15	20	15	11	4	0	338
18-May-08	1	1	0	0	0	0	7	18	26	21	28	25	26	24	20	30	23	24	29	34	18	14	6	0	375
19-May-08	1	1	0	0	0	0	14	26	34	36	27	30	28	17	20	38	24	18	32	36	17	10	7	5	421
20-May-08	7	0	0	2	0	0	16	26	33	32	27	28	26	24	15	31	32	20	30	34	14	12	8	5	422
21-May-08	3	3	0	1	2	1	17	25	33	40	33	25	27	22	17	33	22	20	25	32	23	11	11	4	430
22-May-08	6	1	0	2	0	1	15	27	35	35	31	25	33	19	22	35	27	21	27	36	18	15	10	7	448
23-May-08	5	0	0	1	0	0	16	25	35	39	37	31	23	23	19	32	28	27	31	39	19	14	7	3	454
24-May-08	0	1	0	0	0	0	8	23	29	35	26	21	22	19	21	20	21	17	16	21	12	10	3	0	325
25-May-08	1	0	0	0	0	1	9	19	30	17	31	28	23	24	22	35	24	25	29	36	14	15	5	0	388
26-May-08	3	1	0	0	0	1	13	25	35	36	30	27	24	25	17	36	20	17	33	34	18	15	9	5	424
27-May-08	4	1	1	1	0	0	16	27	34	38	27	18	30	20	18	31	27	18	29	42	16	11	10	7	426
28-May-08	3	2	1	1	0	0	13	27	34	35	23	30	21	20	20	32	25	7	22	31	38	17	9	6	417
29-May-08	6	2	0	1	1	0	12	25	24	37	32	21	26	26	21	32	31	17	34	31	20	14	10	6	429
30-May-08	3	0	0	2	1	1	13	29	30	32	37	27	33	18	16	31	31	17	30	37	24	18	10	1	441
31-May-08	0	0	1	0	0	0	9	22	26	33	27	24	23	19	19	22	18	14	23	20	8	13	4	0	325
Total	97	22	8	23	10	10	382	789	965	1022	909	828	831	674	587	978	769	611	850	987	578	440	222	105	12697
Avg.	3.13	0.71	0.26	0.74	0.32	0.32	12.32	25.45	31.13	32.97	29.32	26.71	26.81	21.74	18.94	31.55	24.81	19.71	27.42	31.84	18.65	14.19	7.16	3.39	409.58

Mode Utilisation Summary (Total Hours by Day)

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	Other
01-May-08	7:00	0:10	2:01	-	3:02	-	11:47	-	-	-	-	-
02-May-08	7:00	0:21	-	3:03	0:50	-	-	12:46	-	-	-	-
03-May-08	7:00	0:34	-	6:56	0:57	-	-	8:33	-	-	-	-
04-May-08	7:00	0:25	2:44	3:33	1:15	-	1:00	8:03	-	-	-	-
05-May-08	7:00	0:12	4:26	-	1:08	-	11:14	-	-	-	-	-
06-May-08	7:00	0:13	2:38	-	2:44	-	11:25	-	-	-	-	-
07-May-08	7:00	0:09	0:04	5:04	0:55	-	2:20	5:54	-	2:34	-	-
08-May-08	7:00	0:09	-	4:19	-	-	-	12:32	-	-	-	-
09-May-08	7:00	0:12	-	2:50	1:02	-	2:52	10:04	-	-	-	-
10-May-08	7:00	0:07	-	2:28	1:55	-	6:00	6:30	-	-	-	-
11-May-08	7:00	0:26	-	4:13	1:41	-	-	10:40	-	-	-	-
12-May-08	7:00	0:16	0:33	-	1:03	-	15:08	-	-	-	-	-
13-May-08	7:00	0:03	-	0:31	0:57	-	15:29	-	-	-	-	-
14-May-08	7:00	0:04	2:54	0:18	0:59	-	12:45	-	-	-	-	-
15-May-08	7:00	0:06	-	-	0:23	-	15:29	1:02	-	-	-	-
16-May-08	7:00	0:06	-	-	2:37	-	14:17	-	-	-	-	-
17-May-08	7:00	0:23	-	-	4:02	-	9:41	-	-	2:53	-	-
18-May-08	7:00	0:24	-	4:08	2:07	-	1:39	8:41	-	-	-	-
19-May-08	7:00	0:19	-	5:24	-	-	-	11:17	-	-	-	-
20-May-08	7:00	0:23	1:54	2:36	1:05	-	5:34	5:28	-	-	-	-
21-May-08	7:00	0:18	-	-	0:54	-	1:59	13:49	-	-	-	-
22-May-08	7:00	0:08	-	2:49	-	-	-	14:03	-	-	-	-
23-May-08	7:00	0:15	-	4:03	-	-	-	12:42	-	-	-	-
24-May-08	7:00	0:32	2:55	7:26	-	-	-	6:07	-	-	-	-
25-May-08	7:00	0:34	3:27	-	1:04	-	11:55	-	-	-	-	-
26-May-08	7:00	0:07	4:11	-	0:58	-	11:44	-	-	-	-	-
27-May-08	7:00	0:20	2:59	2:32	0:58	-	8:41	1:30	-	-	-	-
28-May-08	7:00	0:08	-	4:05	1:11	-	3:48	7:47	-	-	-	-
29-May-08	7:00	0:13	-	2:49	1:02	-	-	12:56	-	-	-	-
30-May-08	7:00	0:06	1:37	1:52	1:00	-	12:25	-	-	-	-	-
31-May-08	7:00	0:42	0:55	8:10	0:59	-	4:09	2:05	-	-	-	-
Total	217:00	8:25	33:17	79:10	36:47	-	191:22	172:30	-	5:26	-	-
% Used		1.60%	6.32%	15.02%	6.98%	0.00%	36.31%	32.73%	0.00%	1.03%	0.00%	0.00%

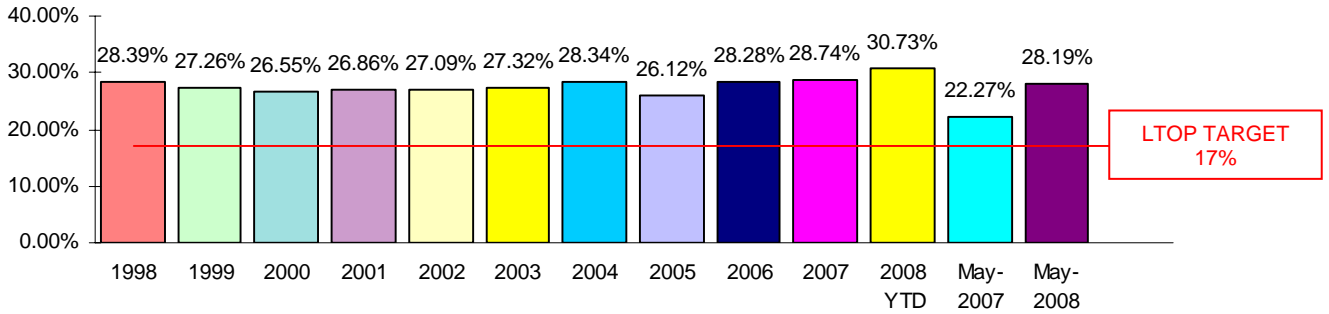
Cumulative Mode Utilisation from 1 January 2008

Time	1.46%	2.80%	6.81%	3.62%	0.00%	34.83%	39.99%	0.23%	0.99%	9.19%	0.08%
Movements	0.36%	1.85%	5.14%	2.44%	0.00%	37.82%	43.91%	0.20%	0.93%	7.27%	0.07%

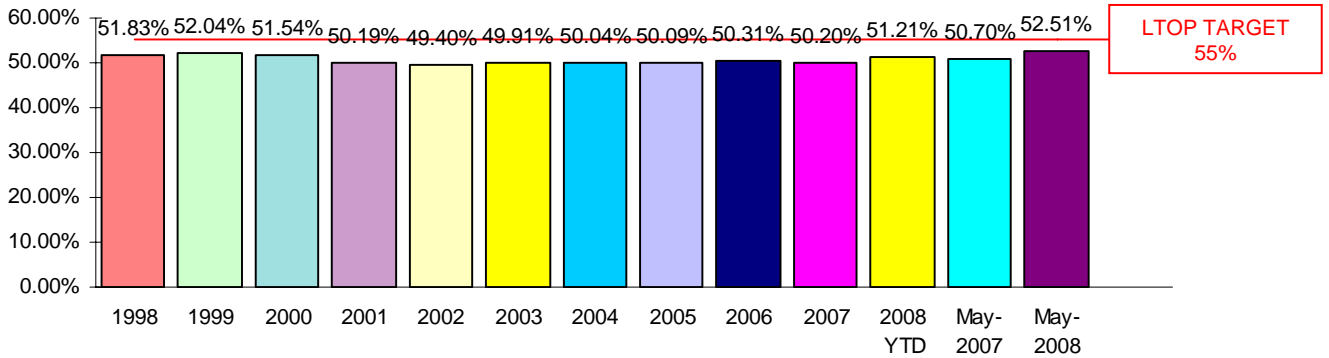
Runway End Impact to 31 May 2008

Includes comparisons with annual figures for 1998 to 2007, 2008 Year to Date, current month this year and corresponding month last year.

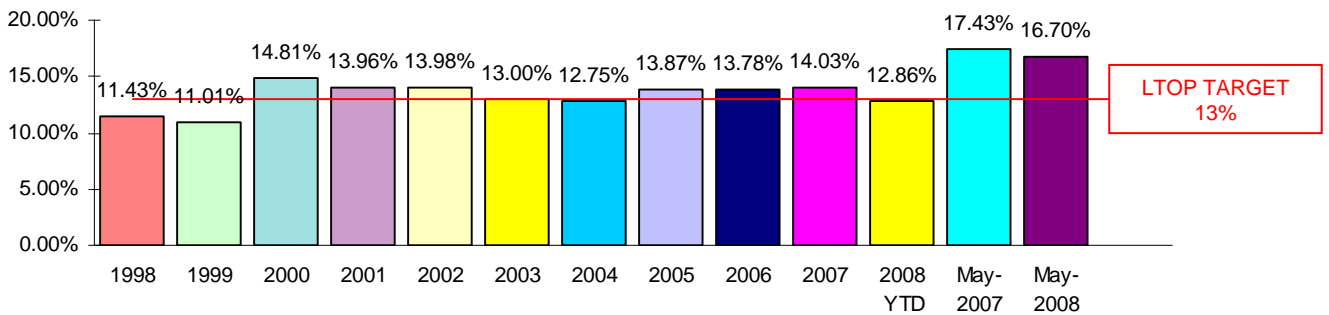
NORTH



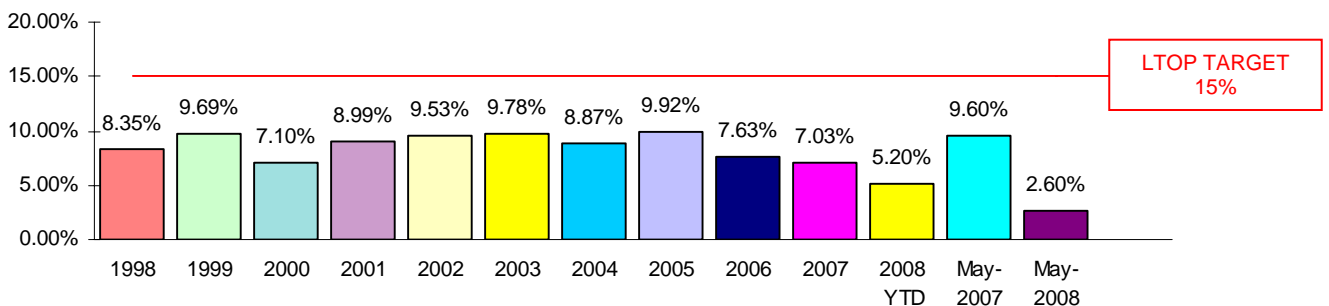
SOUTH



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-May-2008	SP				9				7				9			7	SODPROPS	Curfew	
2-May-2008	7				10			5				10					5	Curfew	
3-May-2008	7				10				5		10	5				5		Curfew	
4-May-2008	SP	7		9		10			5				10				SODPROPS	Curfew	
5-May-2008	7				9				SODPROPS				9				SODPROPS	Curfew	
6-May-2008	7				9				7				9				SODPROPS	Curfew	
7-May-2008	7			9		13			5					10				Curfew	
8-May-2008					10				5				10				5	Curfew	
9-May-2008	7			9			10		5				10				5	Curfew	
10-May-2008	7				9				7				10		5	10	5	Curfew	
11-May-2008		7				10			5				10				5	Curfew	
12-May-2008	7								9								SP	Curfew	
13-May-2008	7								9									5	Curfew
14-May-2008	7								9								SODPROPS	5	Curfew
15-May-2008		9	10							9								7	Curfew
16-May-2008	7				9				7					9					Curfew
17-May-2008	7						9					7	13				7		Curfew
18-May-2008		7		9		10			5				10				5		Curfew
19-May-2008				10					5				10				5		Curfew
20-May-2008	7				9				SODPROPS				10				5		Curfew
21-May-2008	7		9								10								Curfew
22-May-2008									10								5		Curfew
23-May-2008					10				5				10				5		Curfew
24-May-2008				10			5	10	SODPROPS				5				SODPROPS		Curfew
25-May-2008	7				9				SODPROPS				9				SODPROPS		Curfew
26-May-2008	7					9				SODPROPS			9				SODPROPS		Curfew
27-May-2008	7				9				5		10	SP		9			SODPROPS	5	Curfew
28-May-2008	7				9		10		5		10		5		10			5	Curfew
29-May-2008	7								10								5		Curfew
30-May-2008	7				9				5				9				SODPROPS		Curfew
31-May-2008	7				9		SP	10	5	10				5					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:** 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 and the community, to meet the requirements of the 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 **May 2008**:

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

Date	PRM		Hours of PRM operation
	Start Time	End Time	
29-May-08	6:57	8:50	1:53

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
29-May-08	70	35	35

Complaints and complainants by suburb, specifically mentioning PRM operations

Suburb	Number of complaints	Number of complainants
-	-	-

Noise Enquiry Service

The Noise Enquiry 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	community.relations@airservicesaustralia.com

In addition complaints can be lodged via the internet at:

www.airservicesaustralia.com/ncm

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:

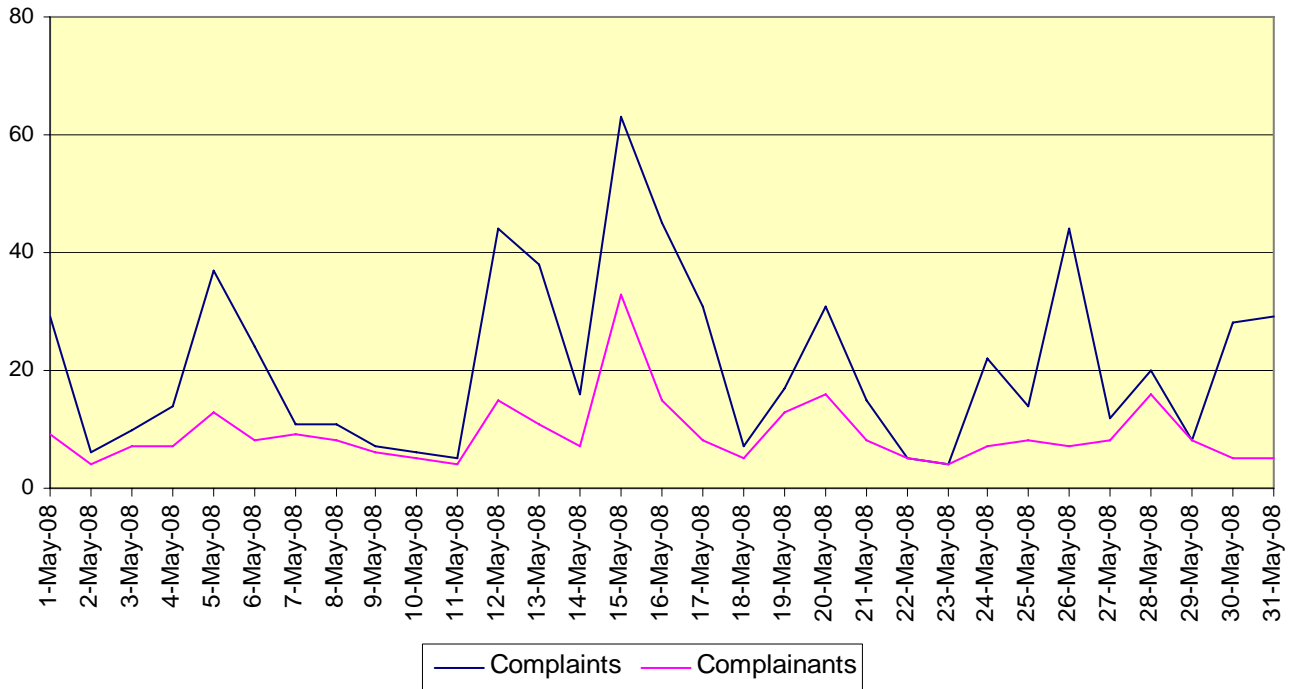
www.sacf.dotars.gov.au

Summary of Section Activity – May 2008

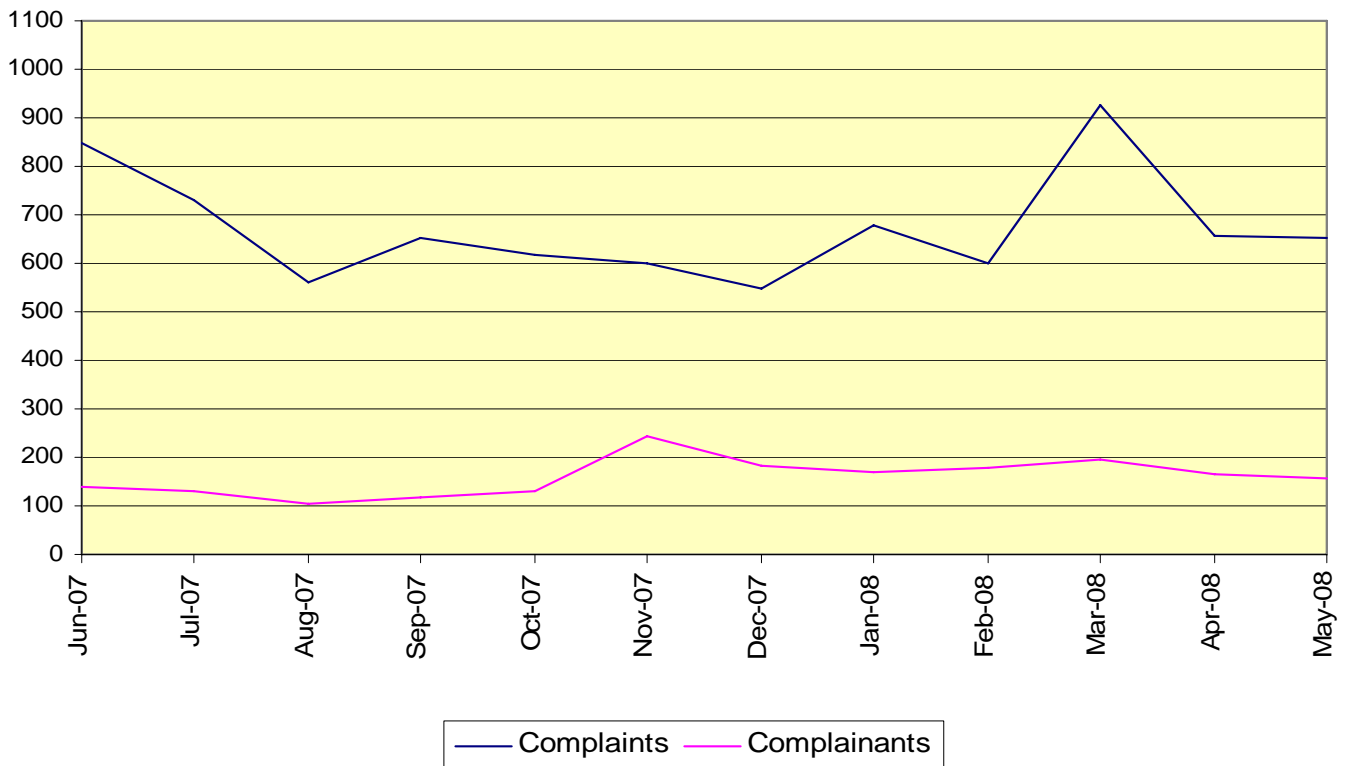
➤ Sydney Suburbs Complaints	
• By phone.....	224
• By correspondence	22
• By internet.....	110
• By e-mail.....	297
➤ Sydney Suburbs Complaints – suburb not specified	8
➤ Sydney Suburbs Comments and Enquiries	40
➤ Other than Sydney Suburbs or Sydney Airport (NSW Only) Complaints.....	40
➤ Other than Sydney Suburbs or Sydney Airport (NSW Only) Comments and Enquiries	4
➤ Callback / Information Requests (NSW Only).....	210

Complaints Graphs

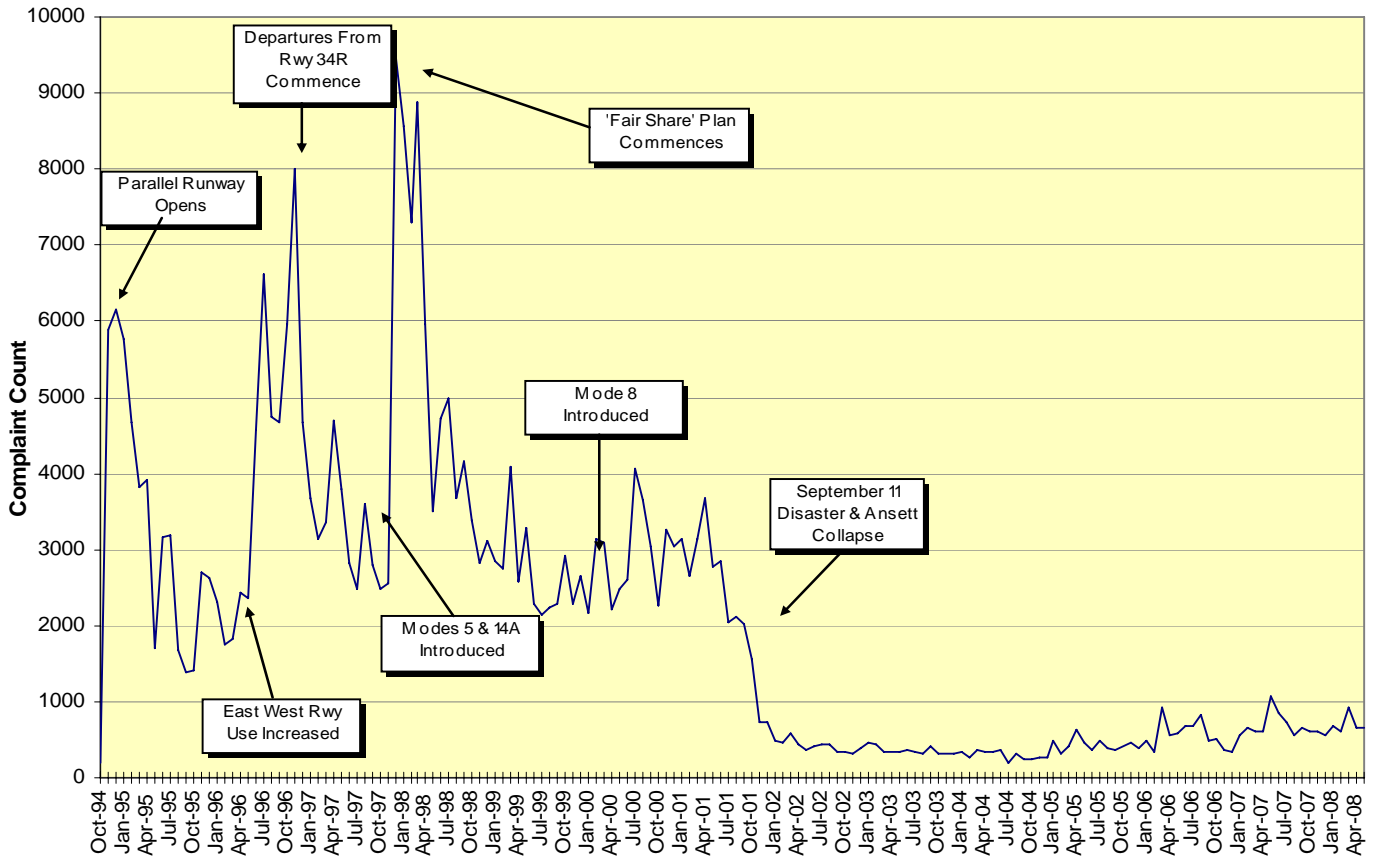
Complaints vs Complainants – 1 May to 31 May 2008



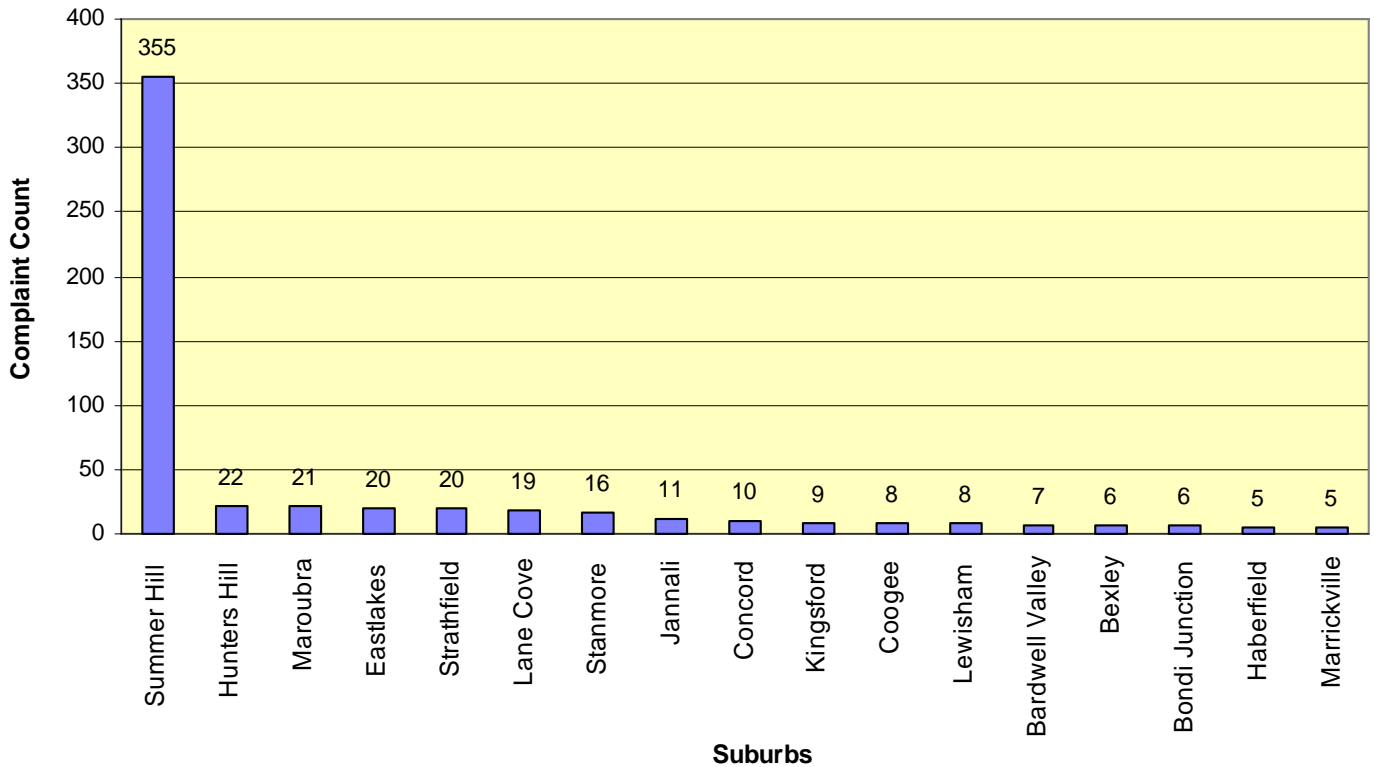
Complaints vs Complainants – Monthly



Complaints History

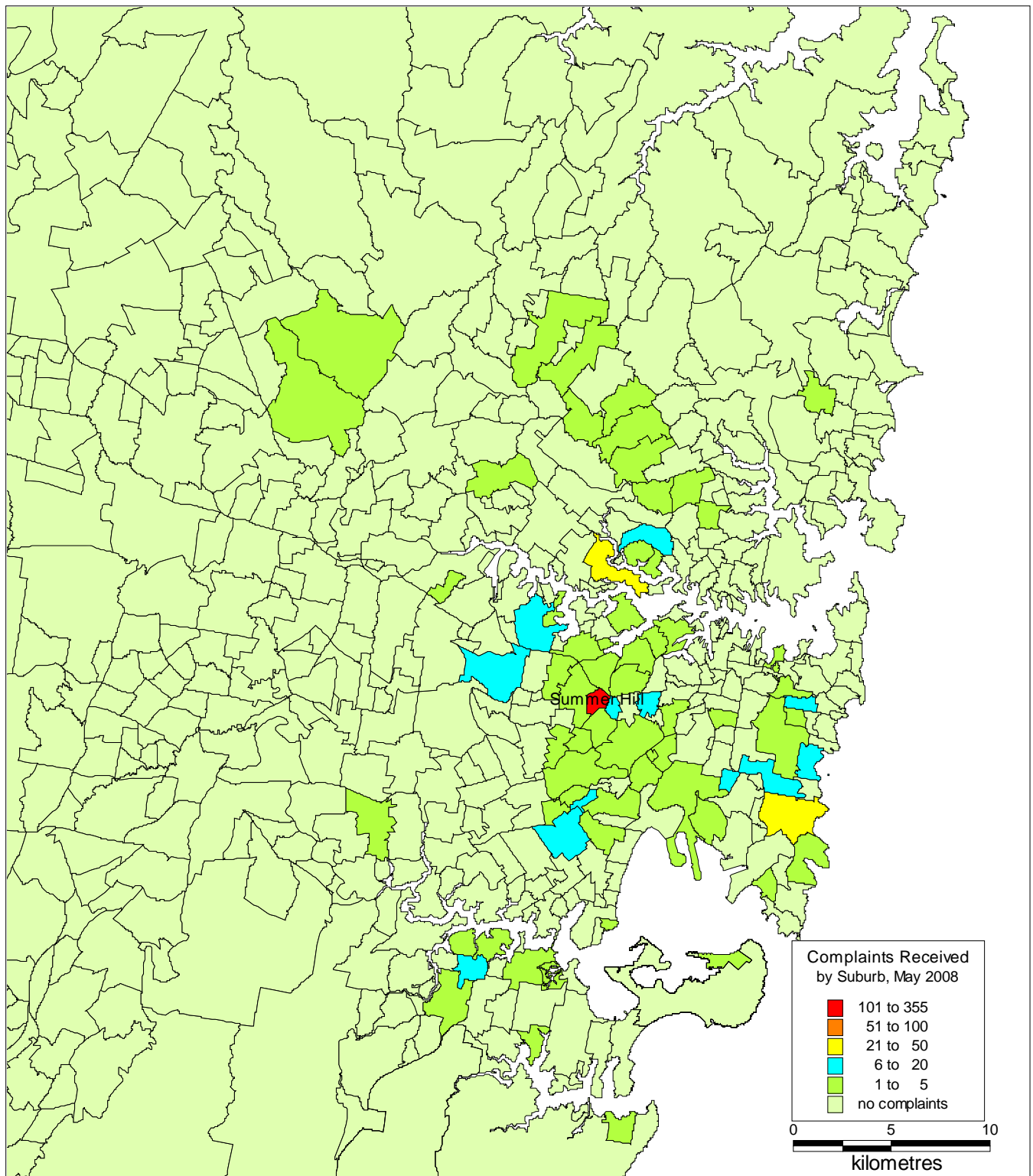


Top Complaint Suburbs – 1 May to 31 May 2008



Complaint Density by Suburb

1 May to 31 May 2008



Recorded Complaints vs Complainants, by Suburb

1 May to 31 May 2008

<i>SUBURB</i>	<i>COMPLAINTS</i>	<i>COMPLAINANTS</i>	<i>SUBURB</i>	<i>COMPLAINTS</i>	<i>COMPLAINANTS</i>
Not Specified	8	4	Kurnell	3	2
Arncliffe	2	2	Lane Cove	19	4
Ashfield	3	3	Leichhardt	3	2
Balmain	1	1	Lewisham	8	3
Bardwell Park	3	2	Lilyfield	1	1
Bardwell Valley	7	1	Lindfield	1	1
Baulkham Hills	1	1	Longueville	1	1
Beacon Hill	1	1	Malabar	1	1
Bexley	6	1	Maroubra	21	6
Bexley North	1	1	Marrickville	5	5
Bondi Junction	6	4	Mascot	3	2
Botany	1	1	Newington	1	1
Bringelly	1	1	Newtown	3	3
Bundeena	3	1	Oyster Bay	1	1
Cabarita	1	1	Phillip Bay	1	1
Canterbury	1	1	Queens Park	1	1
Castle Hill	1	1	Randwick	2	2
Chatswood	1	1	Revesby	1	1
Chatswood West	3	1	Riverview	2	1
Como	1	1	Rockdale	3	1
Concord	10	4	Rodd Point	1	1
Coogee	8	5	Rozelle	2	2
Croydon	2	2	St Peters	3	3
Darling Point	4	1	Stanmore	16	3
Dolls Point	1	1	Strathfield	20	1
Drummoyne	2	2	Summer Hill	355	12
Dulwich Hill	2	2	Sutherland	1	1
Earlwood	1	1	Sydenham	1	1
Eastlakes	20	4	Sylvania	1	1
Eastwood	1	1	Sylvania Waters	2	2
Five Dock	1	1	Tabulam	1	1
Gordon	1	1	Tempe	3	2
Grays Point	1	1	Turrumurra	1	1
Haberfield	5	4	Wahroonga	2	1
Hunters Hill	22	7	Waterloo	1	1
Hurlstone Park	3	2	West Pymble	1	1
Jannali	11	1	Willoughby	1	1
Killara	1	1	Woollahra	1	1
Kingsford	9	6	Yowie Bay	2	2
Total Complaints	653		Total Complainants	155	

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

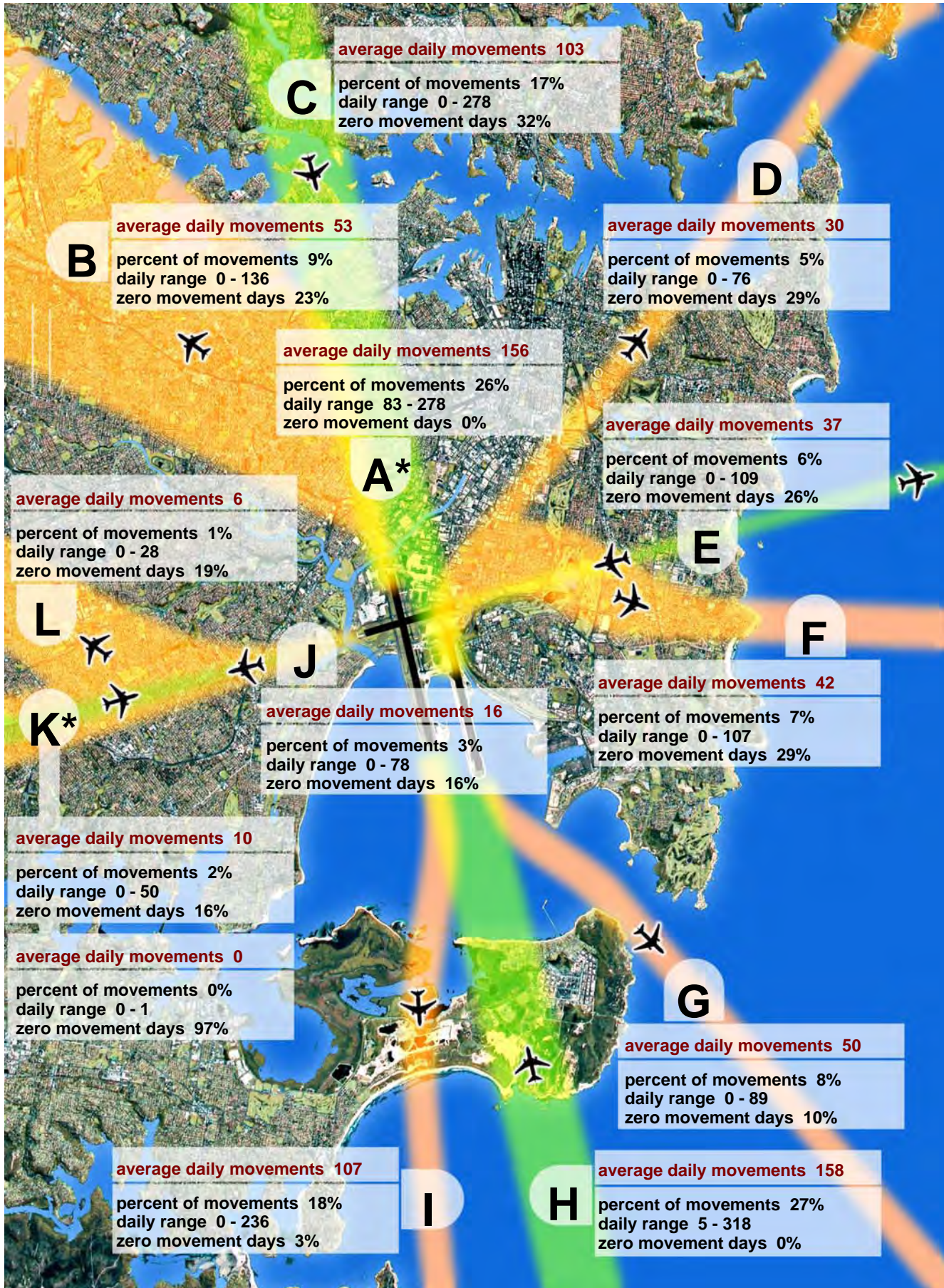
1 May to 31 May 2008

<i>SUBURB</i>	<i>COMPLAINTS</i>	<i>COMPLAINANTS</i>	<i>SUBURB</i>	<i>COMPLAINTS</i>	<i>COMPLAINANTS</i>
Albion Park	1	1	Mount Kembla	1	1
Albury	4	4	Myrtle Creek	1	1
Bankstown	16	11	Newcastle	1	1
Burwood	1	1	Not Applicable	1	1
Cabarita Beach	1	1	Rappville	1	1
Coffs Harbour	2	2	Richmond	1	1
Cooranbong	1	1	Rockley	1	1
Denham Court	1	1	St George Hospital	1	1
Greendale	1	1	Stanwell Tops	1	1
Hoxton Park	1	1	Williamstown	1	1
Leichhardt	1	1			

Total Complaints	40	Total Complainants	35
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Sydney Airport : Jet Flight Path Movements

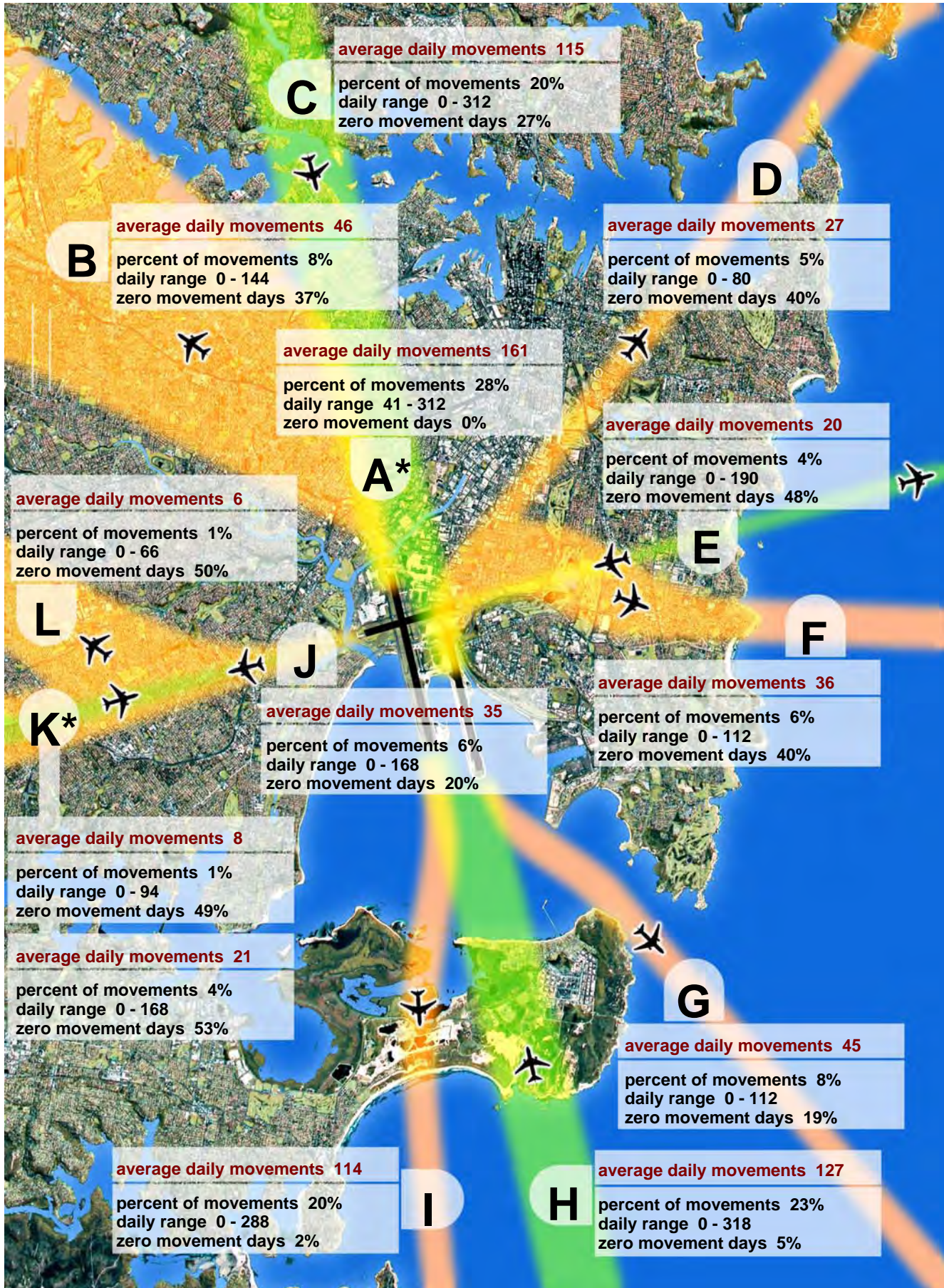
1 May 2008 to 31 May 2008, All Jets



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

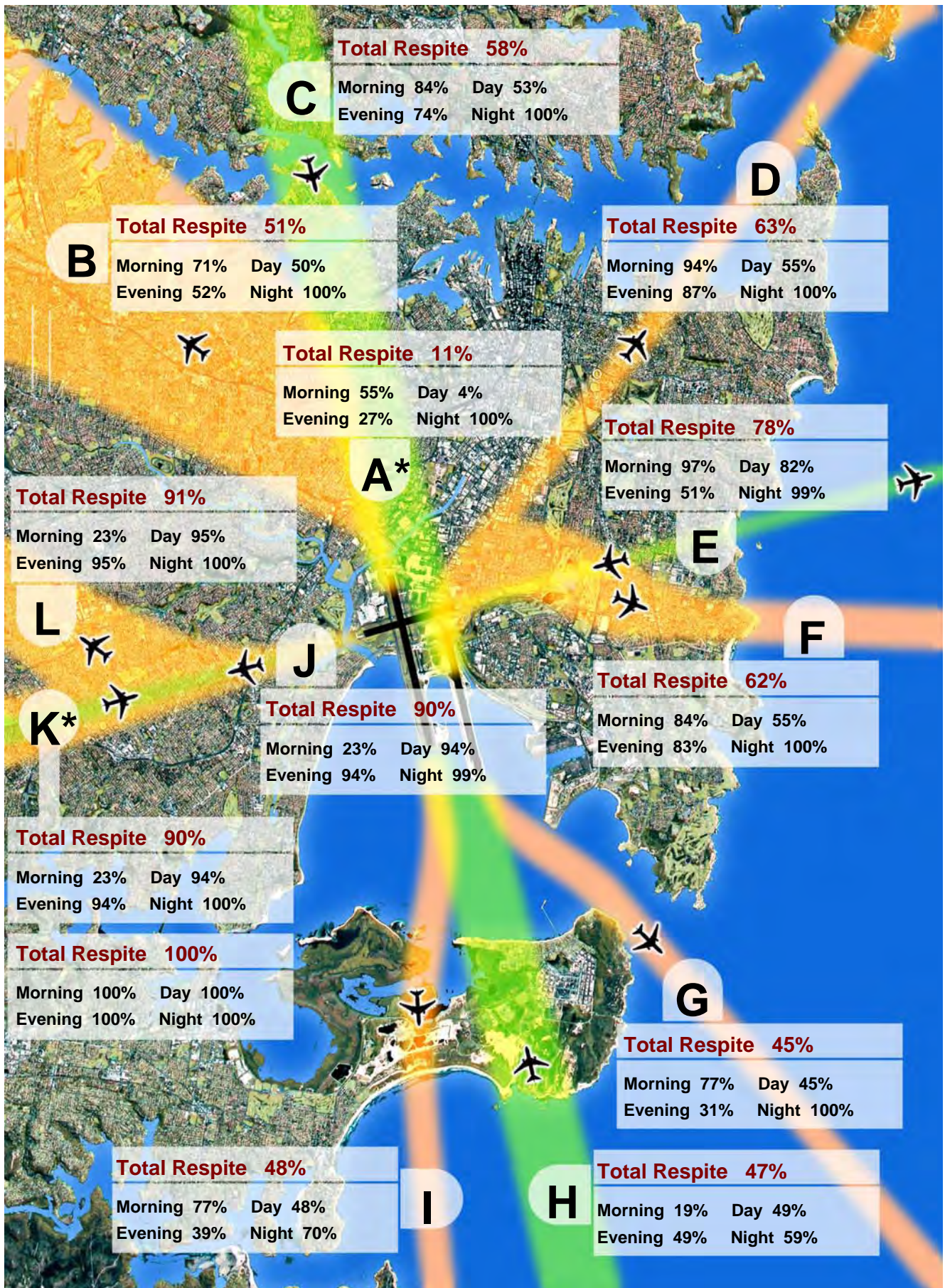
1 June 2007 to 31 May 2008, All Jets



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 May 2008 to 31 May 2008, All Jets



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

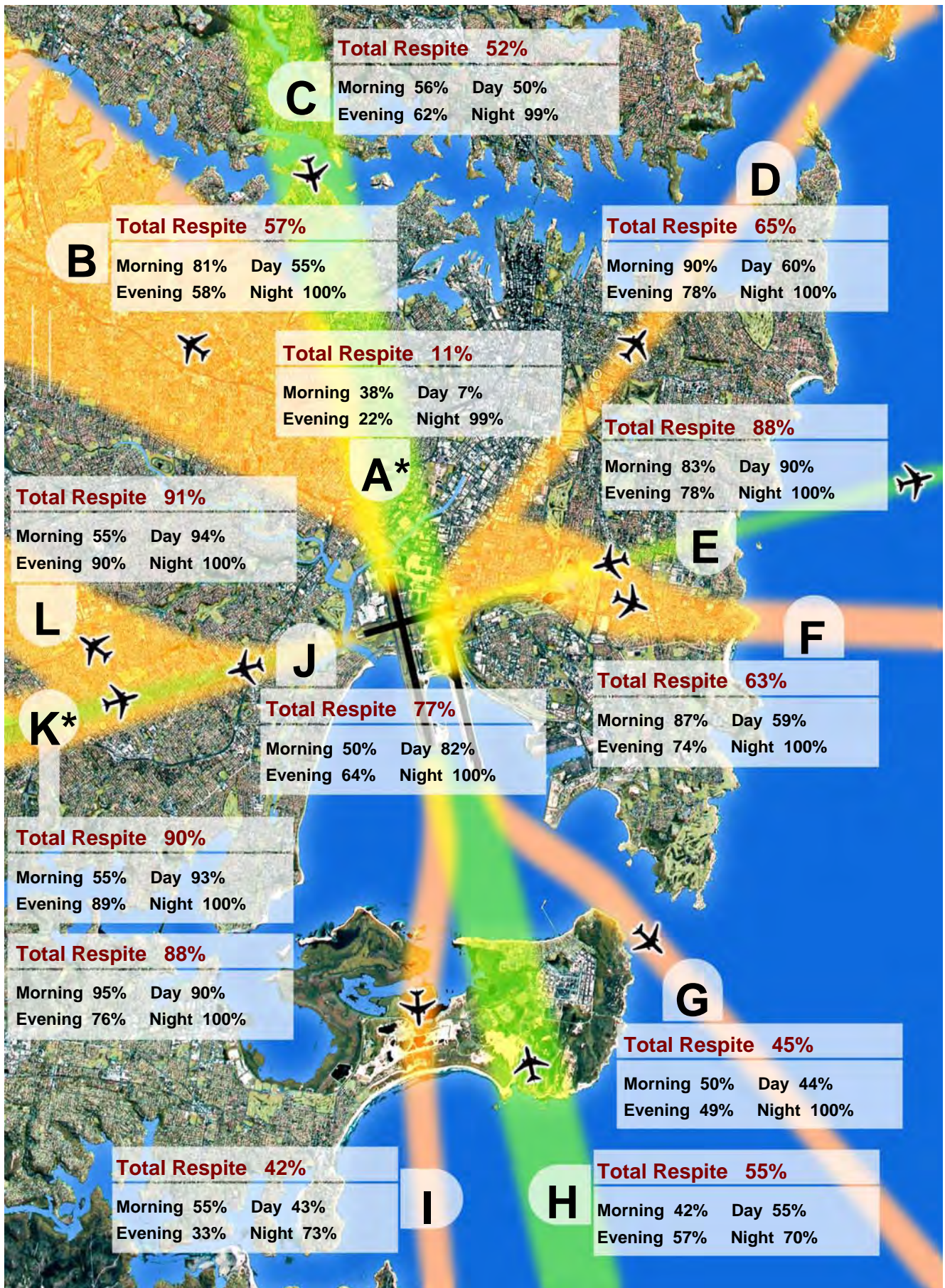
A respite interval is a 60 minute period when there are no jet movements (R60).

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 June 2007 to 31 May 2008, 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)

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 preliminary Aviation Data Processor data and is subject to change.

	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 March 2008 .
	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 2008 .
	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 this Mode was in March 2008 .
	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 2007 .
	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 this Mode was in March 2008 .
	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 March 2008 and Mode 7 was in August 2007 .
	Arrivals on runways 34L and 34R	
I	South - Kurnell sand hills	
	Departures from runway 16R	
J	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 August 2007 , Mode 14A in September 2007 and Mode 8 was not 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 **May 2008**, 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) Respite 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 65%**. This means that over the period **June 2007 to May 2008 for 65%** 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 preliminary Aviation Data Processor 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. The Environment Services Branch 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 May 2008.



Figure 1. NMT sites about Sydney Airport and the daily N70 values for the month of May 2008

The measured daily N70 value is the average daily number of aircraft noise events whose maximum noise level (L_{Amax}) 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 May 2008 along with the Daily N70 values for the three months up to and including May are given in Table 1.

<i>Location</i>	<i>CNE May</i>	<i>Operational days May</i>	<i>N70 May</i>	<i>N70 Apr</i>	<i>N70 Mar</i>
<i>Runway 34L</i>	7,295	31.0	223	237	203
<i>Penshurst</i>	379	31.0	8	31	37
<i>Bexley</i>	594	31.0	17	41	44
<i>Eastlakes</i>	2,422	31.0	77	52	53
<i>Coogee</i>	1,502	31.0	47	35	12
<i>Sydenham</i>	4,340	31.0	140	170	140
<i>Leichhardt</i>	3,115	31.0	100	149	87
<i>Kurnell</i>	2,048	31.0	65	34	77
<i>Annandale</i>	1,829	31.0	54	87	43
<i>St Peters</i>	2,613	31.0	82	106	79
<i>Croydon</i>	355	30.5	10	5	16
<i>Hunters Hill</i>	2,443	31.0	40	69	39

Table 1 Results for each Noise Monitoring Terminal for the three months up to and including May 2008

The N70 values for May 2008 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 12 PM 30 Day 176 Night 15 WE_D 197 WE_N 3	Penshurst AM 5 PM 1 Day 3 Night 0 WE_D 7 WE_N 0	Bexley AM 7 PM 1 Day 7 Night 0 WE_D 19 WE_N 1	Eastlakes AM 0 PM 22 Day 51 Night 0 WE_D 87 WE_N 0
Coogee AM 0 PM 20 Day 18 Night 0 WE_D 69 WE_N 1	Sydenham AM 4 PM 9 Day 132 Night 1 WE_D 127 WE_N 0	Leichhardt AM 3 PM 5 Day 91 Night 1 WE_D 98 WE_N 0	Kurnell AM 3 PM 3 Day 71 Night 0 WE_D 37 WE_N 0
Annandale AM 1 PM 2 Day 54 Night 0 WE_D 46 WE_N 0	St Peters AM 1 PM 5 Day 82 Night 0 WE_D 68 WE_N 0	Croydon AM 0 PM 1 Day 9 Night 0 WE_D 7 WE_N 0	Hunters Hill AM 2 PM 2 Day 34 Night 0 WE_D 43 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), Aviation Data Processor (ADP), 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.