

Sydney Airport Operational Statistics

May 2019

PREVIEW

Sydney Airport Operational Statistics Report Preview

May 2019

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

There were a total of **28,219** aircraft movements this month (daily average **910.29**). Last month there were a total of **27,946** movements (daily average **931.53**) and for the same month last year there were a total of **27,743** movements (daily average **894.94**).

Mode Utilisation (refer pages 12 & 14)

Individual mode use in excess of 9 hours occurred on **29** days this month, Mode 9 on 18 days, Mode 10 on 10 days and Mode 13 on 1 day. Crossing runway modes (including Sodprops) were used for **14.44%** 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 **28.44%** - This result is above the LTOP target and below the previous month (**37.41%**)

South **50.35%** - This result is below the LTOP target and below the previous month (**51.23%**)

East **18.99%** - This result is above the LTOP target and above the previous month (**11.18%**)

West **2.21%** - This result is below the LTOP target and above the previous month (**0.18%**)

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

This procedure was not used in May

If you have questions about this report please contact:

Noise Complaints and Information Service

Noise Complaint, Enquiry and Feedback Form: <https://complaints.bksv.com/asa>

Phone: 1800 802 584

Web: <http://www.airservicesaustralia.com/aircraftnoise/>

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 2019	12
Runway End Impact.....	13
Daily Mode Usage.....	14
PRM Statistics.....	15
Noise Enquiry Service.....	16
Jet Flight Path Movements * (1 - 31 May 2019).....	17
Jet Flight Path Movements * (1 June 2018 - 31 May 2019)	18
Jet Aircraft Respite (R60) * (1 - 31 May 2019).....	19
Jet Aircraft Respite (R60) * (1 June 2018 - 31 May 2019)	20
Jet Flight Path Movements (Explanation)	21
Jet Aircraft Respite (R60) (Explanation)	22
Measured Daily N70 Values.....	23

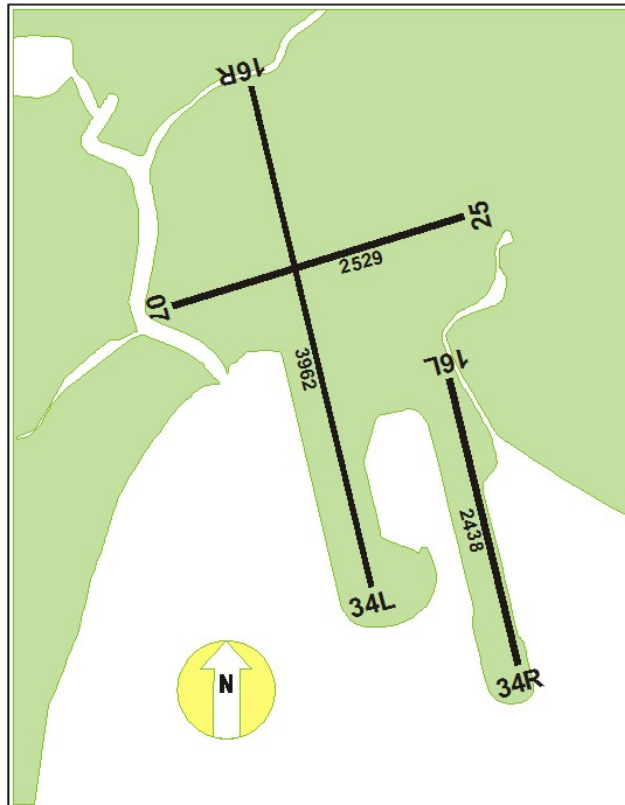
This report is available on the Internet at Airservices Australia website at

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* 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



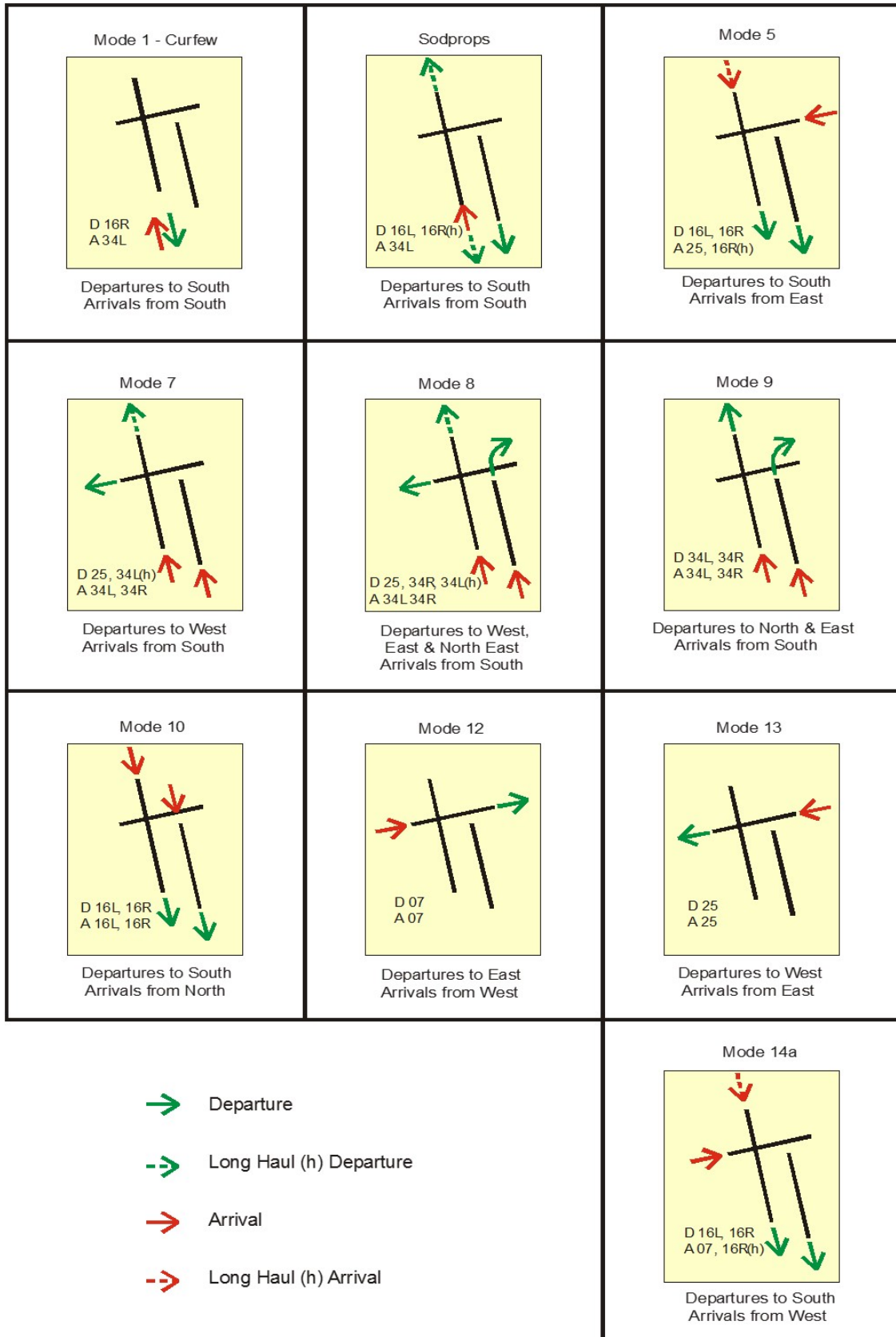
Runway numbers refer to the direction an aircraft is flying.

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-May-2019	0	0	0	0	0	0	0	10	10	0	0	0	298	221	519	178	246	424	0	0	0	953
02-May-2019	0	0	0	0	0	0	0	10	10	0	0	0	316	214	530	193	292	485	0	0	0	1025
03-May-2019	0	0	0	0	0	0	0	4	4	0	0	0	303	229	532	211	281	492	0	0	0	1028
04-May-2019	0	0	0	137	121	258	231	232	463	1	1	2	3	0	3	0	0	0	0	0	0	726
-May-2019	0	0	0	159	151	310	221	282	503	0	0	0	46	4	50	0	0	0	0	0	0	863
06-May-2019	0	0	0	176	243	419	250	216	466	0	0	0	51	21	72	0	0	0	0	0	0	957
07-May-2019	0	0	0	0	0	0	0	11	11	0	0	0	294	198	492	166	253	419	0	0	0	922
08-May-2019	0	0	0	0	0	0	1	11	12	159	169	328	189	150	339	120	138	258	0	0	0	937
09-May-2019	0	0	0	0	0	0	0	11	11	0	0	0	308	215	523	177	262	439	0	0	0	973
10-May-2019	0	0	0	0	0	0	0	8	8	1	1	2	285	221	506	207	273	480	0	0	0	996
11-May-2019	0	0	0	9	32	41	60	129	189	199	125	324	60	19	79	28	25	53	0	0	0	686
12-May-2019	0	0	0	145	143	288	237	275	512	0	1	1	42	20	62	0	0	0	0	0	0	863
13-May-2019	0	0	0	0	14	14	0	5	5	0	0	0	307	209	516	174	252	426	0	0	0	961
14-May-2019	1	0	1	98	125	223	153	149	302	1	0	1	134	95	229	73	93	166	0	0	0	922
15-May-2019	0	0	0	47	54	101	77	99	176	0	0	0	218	156	374	136	167	303	0	0	0	954
16-May-2019	0	0	0	0	12	12	0	11	11	0	0	0	294	243	537	202	240	442	0	0	0	1002
17-May-2019	0	0	0	0	0	0	0	7	7	0	0	0	322	223	545	195	287	482	0	0	0	1034
18-May-2019	2	0	2	112	109	221	186	207	393	0	0	0	40	6	46	16	12	28	0	0	0	690
19-May-2019	0	0	0	54	64	118	79	121	200	0	0	0	189	105	294	83	133	216	0	0	0	828
20-May-2019	0	0	0	0	61	61	0	4	4	0	0	0	339	209	548	144	210	354	0	0	0	967
21-May-2019	0	0	0	0	0	0	0	11	11	0	1	1	293	195	488	161	246	407	0	0	0	907
22-May-2019	0	0	0	105	84	189	166	208	374	0	0	0	123	84	207	72	87	159	0	0	0	929
23-May-2019	0	0	0	170	181	351	255	283	538	0	0	0	61	22	83	0	0	0	0	0	0	972
24-May-2019	0	0	0	0	26	26	0	6	6	0	0	0	332	223	555	165	242	407	0	0	0	994
-May-2019	0	0	0	0	62	62	0	1	1	0	0	0	272	156	428	87	122	209	0	0	0	700
26-May-2019	0	0	0	0	0	0	0	3	3	0	0	0	280	192	472	124	229	353	0	0	0	828
27-May-2019	1	0	1	0	0	0	0	11	11	214	219	433	126	99	225	100	109	209	0	0	0	879
28-May-2019	0	0	0	0	0	0	0	10	10	0	1	1	279	196	475	168	242	410	0	0	0	896
29-May-2019	0	0	0	0	0	0	0	13	13	100	102	202	218	163	381	132	173	305	0	0	0	901
30-May-2019	0	0	0	147	211	358	236	219	455	0	1	1	72	27	99	7	7	14	0	0	0	927
31-May-2019	0	0	0	145	153	298	212	239	451	0	0	0	86	43	129	57	64	121	0	0	0	999
Total	4	0	4	1504	1846	3350	2364	2806	5170	675	621	1296	6180	4158	10338	3376	4685	8061	0	0	0	28219

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-May-2019	0	0	0	0	0	0	0	8	8	0	0	0	229	138	367	124	208	332	0	0	0	707
02-May-2019	0	0	0	0	0	0	0	8	8	0	0	0	256	136	392	130	247	377	0	0	0	777
03-May-2019	0	0	0	0	0	0	0	4	4	0	0	0	248	148	396	141	237	378	0	0	0	778
04-May-2019	0	0	0	97	101	198	190	186	376	1	0	1	2	0	2	0	0	0	0	0	0	577
-May-2019	0	0	0	119	115	234	181	221	402	0	0	0	44	2	46	0	0	0	0	0	0	682
06-May-2019	0	0	0	108	200	308	202	141	343	0	0	0	46	19	65	0	0	0	0	0	0	716
07-May-2019	0	0	0	0	0	0	0	10	10	0	0	0	238	124	362	105	212	317	0	0	0	689
08-May-2019	0	0	0	0	0	0	1	9	10	117	118	235	160	102	262	70	118	188	0	0	0	695
09-May-2019	0	0	0	0	0	0	0	11	11	0	0	0	244	135	379	116	219	335	0	0	0	725
10-May-2019	0	0	0	0	0	0	0	6	6	1	0	1	229	138	367	137	231	368	0	0	0	742
11-May-2019	0	0	0	7	27	34	54	111	165	148	93	241	48	13	61	20	25	45	0	0	0	546
12-May-2019	0	0	0	102	109	211	200	211	411	0	0	0	39	17	56	0	0	0	0	0	0	678
13-May-2019	0	0	0	0	13	13	0	4	4	0	0	0	242	131	373	112	209	321	0	0	0	711
14-May-2019	0	0	0	67	97	164	116	99	215	1	0	1	108	66	174	50	81	131	0	0	0	685
15-May-2019	0	0	0	31	37	68	57	72	129	0	0	0	180	102	282	86	142	228	0	0	0	707
16-May-2019	0	0	0	0	12	12	0	9	9	0	0	0	235	158	393	135	200	335	0	0	0	749
17-May-2019	0	0	0	0	0	0	0	5	5	0	0	0	251	138	389	136	243	379	0	0	0	773
18-May-2019	0	0	0	74	90	164	157	165	322	0	0	0	34	4	38	11	11	22	0	0	0	546
19-May-2019	0	0	0	40	50	90	61	95	156	0	0	0	168	74	242	62	114	176	0	0	0	664
20-May-2019	0	0	0	0	52	52	0	3	3	0	0	0	272	131	403	87	175	262	0	0	0	720
21-May-2019	0	0	0	0	0	0	0	9	9	0	0	0	231	121	352	103	203	306	0	0	0	667
22-May-2019	0	0	0	68	54	122	132	153	285	0	0	0	100	55	155	42	75	117	0	0	0	679
23-May-2019	0	0	0	100	139	239	206	204	410	0	0	0	55	20	75	0	0	0	0	0	0	724
24-May-2019	0	0	0	0	24	24	0	5	5	0	0	0	260	137	397	114	205	319	0	0	0	745
-May-2019	0	0	0	0	58	58	0	1	1	0	0	0	223	112	335	55	107	162	0	0	0	556
26-May-2019	0	0	0	0	0	0	0	2	2	0	0	0	235	133	368	97	198	295	0	0	0	665
27-May-2019	0	0	0	0	0	0	0	9	9	155	152	307	106	70	176	64	96	160	0	0	0	652
28-May-2019	0	0	0	0	0	0	0	8	8	0	0	0	221	125	346	110	199	309	0	0	0	663
29-May-2019	0	0	0	0	0	0	0	11	11	74	69	143	176	109	285	85	145	230	0	0	0	669
30-May-2019	0	0	0	93	171	264	179	146	325	0	0	0	67	25	92	7	7	14	0	0	0	695
31-May-2019	0	0	0	97	121	218	165	174	339	0	0	0	74	22	96	37	55	92	0	0	0	745
Total	0	0	0	1003	1470	2473	1901	2100	4001	497	432	929	5021	2705	7726	2236	3962	6198	0	0	0	21327

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-May-2019	0	0	0	0	0	0	0	2	2	0	0	0	69	83	152	54	38	92	0	0	0	246
02-May-2019	0	0	0	0	0	0	0	2	2	0	0	0	60	78	138	63	45	108	0	0	0	248
03-May-2019	0	0	0	0	0	0	0	0	0	0	0	0	55	81	136	70	44	114	0	0	0	250
04-May-2019	0	0	0	40	20	60	41	46	87	0	1	1	1	0	1	0	0	0	0	0	0	149
-May-2019	0	0	0	40	36	76	40	61	101	0	0	0	2	2	4	0	0	0	0	0	0	181
06-May-2019	0	0	0	68	43	111	48	75	123	0	0	0	5	2	7	0	0	0	0	0	0	241
07-May-2019	0	0	0	0	0	0	0	1	1	0	0	0	56	74	130	61	41	102	0	0	0	233
08-May-2019	0	0	0	0	0	0	0	2	2	42	51	93	29	48	77	50	20	70	0	0	0	242
09-May-2019	0	0	0	0	0	0	0	0	0	0	0	0	64	80	144	61	43	104	0	0	0	248
10-May-2019	0	0	0	0	0	0	0	2	2	0	1	1	56	83	139	70	42	112	0	0	0	254
11-May-2019	0	0	0	2	5	7	6	18	24	51	32	83	12	6	18	8	0	8	0	0	0	140
12-May-2019	0	0	0	43	34	77	37	64	101	0	1	1	3	3	6	0	0	0	0	0	0	185
13-May-2019	0	0	0	0	1	1	0	1	1	0	0	0	65	78	143	62	43	105	0	0	0	250
14-May-2019	1	0	1	31	28	59	37	50	87	0	0	0	26	29	55	23	12	35	0	0	0	237
15-May-2019	0	0	0	16	17	33	20	27	47	0	0	0	38	54	92	50	25	75	0	0	0	247
16-May-2019	0	0	0	0	0	0	0	2	2	0	0	0	59	85	144	67	40	107	0	0	0	253
17-May-2019	0	0	0	0	0	0	0	2	2	0	0	0	71	85	156	59	44	103	0	0	0	261
18-May-2019	2	0	2	38	19	57	29	42	71	0	0	0	6	2	8	5	1	6	0	0	0	144
19-May-2019	0	0	0	14	14	28	18	26	44	0	0	0	21	31	52	21	19	40	0	0	0	164
20-May-2019	0	0	0	0	9	9	0	1	1	0	0	0	67	78	145	57	35	92	0	0	0	247
21-May-2019	0	0	0	0	0	0	0	2	2	0	1	1	62	74	136	58	43	101	0	0	0	240
22-May-2019	0	0	0	37	30	67	34	55	89	0	0	0	23	29	52	30	12	42	0	0	0	250
23-May-2019	0	0	0	70	42	112	49	79	128	0	0	0	6	2	8	0	0	0	0	0	0	248
24-May-2019	0	0	0	0	2	2	0	1	1	0	0	0	72	86	158	51	37	88	0	0	0	249
-May-2019	0	0	0	0	4	4	0	0	0	0	0	0	49	44	93	32	15	47	0	0	0	144
26-May-2019	0	0	0	0	0	0	0	1	1	0	0	0	45	59	104	27	31	58	0	0	0	163
27-May-2019	1	0	1	0	0	0	0	2	2	59	67	126	20	29	49	36	13	49	0	0	0	227
28-May-2019	0	0	0	0	0	0	0	2	2	0	1	1	58	71	129	58	43	101	0	0	0	233
29-May-2019	0	0	0	0	0	0	0	2	2	26	33	59	42	54	96	47	28	75	0	0	0	232
30-May-2019	0	0	0	54	40	94	57	73	130	0	1	1	5	2	7	0	0	0	0	0	0	232
31-May-2019	0	0	0	48	32	80	47	65	112	0	0	0	12	21	33	20	9	29	0	0	0	254
Total	4	0	4	501	376	877	463	706	1169	178	189	367	1159	1453	2612	1140	723	1863	0	0	0	6892

(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-May-2019	1	0	0	7	2	3	43	75	75	64	69	64	38	36	56	56	56	65	70	72	40	35	23	3	953
02-May-2019	1	2	3	3	0	4	51	79	77	73	70	66	45	43	53	53	65	64	73	71	51	43	30	5	1025
03-May-2019	2	0	3	4	0	3	43	77	73	69	76	70	47	41	57	61	65	67	72	78	60	38	21	1	1028
04-May-2019	0	1	0	0	0	2	38	54	72	58	69	56	44	36	50	38	39	35	32	44	22	23	12	1	726
05-May-2019	0	0	1	1	0	3	31	41	48	49	64	58	44	47	59	54	63	62	67	69	48	37	17	0	863
06-May-2019	1	0	0	0	0	3	46	72	79	71	77	69	44	42	54	56	52	62	74	62	33	33	24	3	957
07-May-2019	5	0	2	3	1	3	43	82	79	67	73	54	37	36	48	46	60	61	72	59	31	30	28	2	922
08-May-2019	4	0	1	3	2	3	42	69	82	65	68	51	49	41	50	48	49	48	59	80	57	37	25	4	937
09-May-2019	2	1	1	4	1	3	48	72	77	65	75	66	40	42	49	55	52	64	71	71	46	35	27	6	973
10-May-2019	3	0	3	4	4	3	45	76	69	64	74	60	50	46	49	48	60	57	72	77	50	46	35	1	996
11-May-2019	0	0	0	0	1	4	37	44	57	55	51	56	53	44	45	38	37	36	35	37	19	26	10	1	686
12-May-2019	0	0	1	0	0	4	34	38	48	51	64	55	45	43	57	62	61	61	76	69	42	36	16	0	863
13-May-2019	0	1	0	1	0	3	52	81	81	71	76	67	47	33	43	49	63	56	62	71	36	34	30	4	961
14-May-2019	3	1	1	5	1	3	49	75	77	65	71	57	39	43	47	47	57	59	75	51	36	34	23	3	922
15-May-2019	6	0	2	4	2	3	49	67	76	65	73	59	42	40	52	57	49	62	75	72	39	31	26	3	954
16-May-2019	3	0	4	3	0	3	48	73	75	73	67	66	48	41	51	58	62	65	73	72	46	41	24	6	1002
17-May-2019	3	1	4	3	1	3	52	74	78	72	75	65	48	48	61	47	73	64	68	78	56	40	17	3	1034
18-May-2019	0	0	0	1	0	3	37	49	70	66	59	57	42	36	45	38	36	32	36	31	18	25	9	0	690
19-May-2019	0	1	0	0	0	3	35	35	46	47	63	51	46	37	57	52	60	57	69	73	41	34	21	0	828
20-May-2019	0	0	0	0	0	3	45	74	77	76	77	72	42	38	47	55	55	65	72	70	36	36	23	4	967
21-May-2019	3	0	2	5	2	4	48	69	73	68	78	59	37	35	50	45	57	62	68	63	26	29	20	4	907
22-May-2019	2	2	2	5	0	4	48	72	78	59	70	57	38	37	51	55	50	65	70	66	35	32	28	3	929
23-May-2019	4	0	3	3	1	3	46	73	76	71	73	56	41	44	54	55	60	61	74	65	40	40	26	3	972
24-May-2019	3	0	3	2	1	3	42	75	80	65	71	65	51	43	55	50	60	70	72	78	46	40	19	0	994
25-May-2019	1	0	0	0	0	2	36	52	75	53	68	57	40	36	45	38	34	31	41	32	19	24	16	0	700
26-May-2019	0	0	0	0	0	3	35	38	41	48	60	50	40	43	59	55	63	62	72	66	42	35	15	1	828
27-May-2019	0	0	0	1	1	3	54	74	70	69	73	61	40	35	48	44	48	36	48	40	40	40	42	12	879
28-May-2019	3	2	1	5	2	3	44	64	75	60	80	48	38	41	50	50	52	59	73	55	33	31	23	4	896
29-May-2019	4	1	2	2	3	4	47	67	79	59	64	64	37	31	48	50	51	44	55	64	55	39	26	5	901
30-May-2019	3	1	1	4	2	3	42	51	52	63	69	70	45	41	48	54	60	57	74	69	45	35	33	5	927
31-May-2019	3	0	3	5	1	3	41	70	74	65	73	63	47	48	51	63	61	62	68	75	61	42	19	1	999
Total	60	14	43	78	28	97	1351	2012	2189	1966	2170	1869	1344	1247	1589	1577	1710	1751	2018	1980	1249	1081	708	88	28219
Avg.	1.94	0.45	1.39	2.52	0.90	3.13	43.58	64.90	70.61	63.42	70.00	60.29	43.35	40.23	51.26	50.87	55.16	56.48	65.10	63.87	40.29	34.87	22.84	2.84	910.29

(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-May-2019	0	0	0	5	0	3	25	44	39	26	28	31	17	19	26	28	25	36	39	34	24	17	9	1	476
02-May-2019	0	1	3	0	0	4	29	40	41	32	28	34	21	20	28	26	31	36	38	30	28	24	13	2	509
03-May-2019	1	0	3	1	0	3	25	44	42	29	31	31	20	22	29	31	30	37	40	34	30	18	12	1	514
04-May-2019	0	1	0	0	0	2	28	35	33	23	25	23	25	21	27	20	20	23	16	22	13	12	3	0	372
05-May-2019	0	0	1	1	0	3	21	21	25	24	24	23	16	21	31	24	32	33	39	32	24	23	8	0	426
06-May-2019	1	0	0	0	0	3	28	41	42	31	32	32	15	25	29	21	29	36	40	25	18	18	9	2	477
07-May-2019	2	0	2	1	0	3	21	48	46	26	31	28	17	21	20	19	32	37	35	28	18	11	14	0	460
08-May-2019	2	0	1	2	0	3	25	46	41	26	28	24	23	19	23	25	24	22	35	45	22	20	12	1	469
09-May-2019	1	0	1	2	0	3	28	40	40	28	31	32	20	22	24	23	26	36	40	30	27	18	12	1	485
10-May-2019	1	0	1	3	2	3	27	43	39	27	26	29	20	24	23	22	28	39	41	36	18	24	17	0	493
11-May-2019	0	0	0	0	1	4	28	29	29	24	23	25	21	22	22	19	22	23	19	18	9	14	3	1	356
12-May-2019	0	0	1	0	0	3	24	24	22	21	23	23	17	22	29	26	33	36	41	28	21	20	10	0	424
13-May-2019	0	1	0	0	0	2	32	46	40	34	31	31	18	18	24	21	29	33	34	33	18	20	16	0	481
14-May-2019	1	0	1	2	0	3	28	42	44	28	27	26	20	23	22	20	28	35	37	24	24	14	9	2	460
15-May-2019	1	0	2	2	1	3	27	37	42	27	31	28	20	20	26	25	27	35	41	33	22	16	11	1	478
16-May-2019	1	0	4	0	0	3	29	39	41	32	29	29	19	23	24	25	28	41	40	32	27	16	12	2	496
17-May-2019	1	1	3	1	1	3	34	43	44	31	28	32	18	24	31	21	36	39	35	31	31	20	8	1	517
18-May-2019	0	0	0	1	0	3	29	31	34	26	20	30	18	24	23	19	22	21	15	14	11	12	3	0	356
19-May-2019	0	1	0	0	0	3	28	21	21	20	21	17	20	19	29	21	29	33	41	29	21	20	11	0	405
20-May-2019	0	0	0	0	0	3	27	39	39	40	31	34	15	21	23	25	29	39	36	31	21	19	9	2	483
21-May-2019	1	0	2	3	0	3	27	35	43	39	31	23	17	20	26	16	30	37	35	28	16	12	8	2	454
22-May-2019	0	1	2	2	0	3	27	41	44	23	30	30	17	17	25	19	28	37	39	30	23	15	12	1	466
23-May-2019	1	0	3	1	0	3	27	39	43	35	28	27	16	23	26	20	31	38	37	29	22	23	12	2	486
24-May-2019	0	0	2	1	0	3	25	42	41	32	29	31	21	25	27	20	29	40	42	33	23	22	9	0	497
25-May-2019	1	0	0	0	0	2	28	31	40	19	26	26	18	23	24	17	19	20	17	16	11	13	8	0	359
26-May-2019	0	0	0	0	0	3	27	21	19	23	19	18	17	20	30	25	28	41	33	29	23	19	9	0	404
27-May-2019	0	0	0	1	0	3	33	41	39	33	25	31	18	17	21	20	21	21	22	19	22	22	27	5	441
28-May-2019	2	0	0	3	0	3	23	39	41	27	34	25	13	26	24	16	29	34	39	23	18	16	10	2	447
29-May-2019	1	0	1	1	1	4	30	40	45	22	29	30	13	16	24	23	22	25	23	37	30	21	10	2	450
30-May-2019	2	0	1	2	0	3	26	24	25	35	31	29	22	21	23	25	29	35	38	34	22	18	16	1	462
31-May-2019	2	0	3	2	0	3	26	42	39	29	30	28	23	24	22	32	26	37	37	36	28	22	9	0	500
Total	22	6	37	37	6	93	842	1148	1163	872	860	860	575	662	785	694	852	1035	1064	903	665	559	331	32	14103
Avg.	0.71	0.19	1.19	1.19	0.19	3.00	27.16	37.03	37.52	28.13	27.74	27.74	18.55	21.35	25.32	22.39	27.48	33.39	34.32	29.13	21.45	18.03	10.68	1.03	454.94

(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-May-2019	1	0	0	2	2	0	18	31	36	38	41	33	21	17	30	28	31	29	31	38	16	18	14	2	477
02-May-2019	1	1	0	3	0	0	22	39	36	41	42	32	24	23	25	27	34	28	35	41	23	19	17	3	516
03-May-2019	1	0	0	3	0	0	18	33	31	40	45	39	27	19	28	30	35	30	32	44	30	20	9	0	514
04-May-2019	0	0	0	0	0	0	10	19	39	35	44	33	19	15	23	18	19	12	16	22	9	11	9	1	354
05-May-2019	0	0	0	0	0	0	10	20	23	25	40	35	28	26	28	30	31	29	28	37	24	14	9	0	437
06-May-2019	0	0	0	0	0	0	18	31	37	40	45	37	29	17	25	35	23	26	34	37	15	15	15	1	480
07-May-2019	3	0	0	2	1	0	22	34	33	41	42	26	20	15	28	27	28	24	37	31	13	19	14	2	462
08-May-2019	2	0	0	1	2	0	17	23	41	39	40	27	26	22	27	23	25	26	24	35	35	17	13	3	468
09-May-2019	1	1	0	2	1	0	20	32	37	37	44	34	20	20	25	32	26	28	31	41	19	17	15	5	488
10-May-2019	2	0	2	1	2	0	18	33	30	37	48	31	30	22	26	26	32	18	31	41	32	22	18	1	503
11-May-2019	0	0	0	0	0	0	9	15	28	31	28	31	32	22	23	19	15	13	16	19	10	12	7	0	330
12-May-2019	0	0	0	0	0	1	10	14	26	30	41	32	28	21	28	36	28	25	35	41	21	16	6	0	439
13-May-2019	0	0	0	1	0	1	20	35	41	37	45	36	29	15	19	28	34	23	28	38	18	14	14	4	480
14-May-2019	2	1	0	3	1	0	21	33	33	37	44	31	19	20	25	27	29	24	38	27	12	20	14	1	462
15-May-2019	5	0	0	2	1	0	22	30	34	38	42	31	22	20	26	32	22	27	34	39	17	15	15	2	476
16-May-2019	2	0	0	3	0	0	19	34	34	41	38	37	29	18	27	33	34	24	33	40	19	25	12	4	506
17-May-2019	2	0	1	2	0	0	18	31	34	41	47	33	30	24	30	26	37	25	33	47	25	20	9	2	517
18-May-2019	0	0	0	0	0	0	8	18	36	40	39	27	24	12	22	19	14	11	21	17	7	13	6	0	334
19-May-2019	0	0	0	0	0	0	7	14	25	27	42	34	26	18	28	31	31	24	28	44	20	14	10	0	423
20-May-2019	0	0	0	0	0	0	18	35	38	36	46	38	27	17	24	30	26	26	36	39	15	17	14	2	484
21-May-2019	2	0	0	2	2	1	21	34	30	29	47	36	20	15	24	29	27	25	33	35	10	17	12	2	453
22-May-2019	2	1	0	3	0	1	21	31	34	36	40	27	21	20	26	36	22	28	31	36	12	17	16	2	463
23-May-2019	3	0	0	2	1	0	19	34	33	36	45	29	25	21	28	35	29	23	37	36	18	17	14	1	486
24-May-2019	3	0	1	1	1	0	17	33	39	33	42	34	30	18	28	30	31	30	30	45	23	18	10	0	497
25-May-2019	0	0	0	0	0	0	8	21	35	34	42	31	22	13	21	21	15	11	24	16	8	11	8	0	341
26-May-2019	0	0	0	0	0	0	8	17	22	25	41	32	23	23	29	30	35	21	39	37	19	16	6	1	424
27-May-2019	0	0	0	0	1	0	21	33	31	36	48	30	22	18	27	24	27	15	26	21	18	18	15	7	438
28-May-2019	1	2	1	2	2	0	21	25	34	33	46	23	25	15	26	34	23	25	34	32	15	15	13	2	449
29-May-2019	3	1	1	1	2	0	17	27	34	37	35	34	24	15	24	27	29	19	32	27	25	18	16	3	451
30-May-2019	1	1	0	2	2	0	16	27	27	28	38	41	23	20	25	29	31	22	36	35	23	17	17	4	465
31-May-2019	1	0	0	3	1	0	15	28	35	36	43	35	24	24	29	31	35	25	31	39	33	20	10	1	499
Total	38	8	6	41	22	4	509	864	1026	1094	1310	1009	769	585	804	883	858	716	954	1077	584	522	377	56	14116
Avg.	1.23	0.26	0.19	1.32	0.71	0.13	16.42	27.87	33.10	35.29	42.26	32.55	24.81	18.87	25.94	28.48	27.68	23.10	30.77	34.74	18.84	16.84	12.16	1.81	455.35

(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-May-19	07:00	00:17	-	-	-	-	16:41	-	-	-	-	-	-
02-May-19	07:00	00:26	-	-	-	-	16:32	-	-	-	-	-	-
03-May-19	07:00	00:31	-	-	-	-	16:27	-	-	-	-	-	-
04-May-19	07:00	00:41	-	-	-	-	-	16:17	-	-	-	-	-
05-May-19	07:00	00:36	01:56	-	-	-	-	14:26	-	-	-	-	-
06-May-19	07:00	00:33	02:22	-	-	-	-	14:03	-	-	-	-	-
07-May-19	07:00	00:17	-	-	-	-	16:41	-	-	-	-	-	-
08-May-19	07:00	00:17	-	-	-	-	09:37	-	-	07:04	-	-	-
09-May-19	07:00	00:19	-	-	-	-	16:39	-	-	-	-	-	-
10-May-19	07:00	00:19	-	-	-	-	16:39	-	-	-	-	-	-
11-May-19	07:00	00:50	-	04:37	-	-	02:46	04:23	-	04:21	-	-	-
12-May-19	07:00	00:32	01:53	-	-	-	-	14:33	-	-	-	-	-
13-May-19	07:00	00:19	01:30	-	-	-	15:09	-	-	-	-	-	-
14-May-19	07:00	00:28	01:40	-	-	-	05:03	09:47	-	-	-	-	-
15-May-19	07:00	00:27	00:49	-	-	-	10:22	05:19	-	-	-	-	-
16-May-19	07:00	00:18	01:34	-	-	-	15:06	-	-	-	-	-	-
17-May-19	07:00	00:23	-	-	-	-	16:35	-	-	-	-	-	-
18-May-19	07:00	00:38	-	-	-	-	01:41	14:39	-	-	-	-	-
19-May-19	07:00	00:25	-	-	-	-	10:24	06:09	-	-	-	-	-
20-May-19	07:00	00:31	05:04	-	-	-	11:22	-	-	-	-	-	-
21-May-19	07:00	00:27	-	-	-	-	16:31	-	-	-	-	-	-
22-May-19	07:00	00:20	-	-	-	-	05:32	11:06	-	-	-	-	-
23-May-19	07:00	00:24	02:22	-	-	-	-	14:12	-	-	-	-	-
24-May-19	07:00	00:20	02:39	-	-	-	13:59	-	-	-	-	-	-
25-May-19	07:00	00:29	07:34	-	-	-	08:55	-	-	-	-	-	-
26-May-19	07:00	00:19	-	-	-	-	16:39	-	-	-	-	-	-
27-May-19	07:00	00:12	-	-	00:17	-	06:02	-	-	10:27	-	-	-
28-May-19	07:00	-	-	-	-	-	16:59	-	-	-	-	-	-
29-May-19	07:00	00:24	-	-	-	-	12:21	-	-	04:13	-	-	-
30-May-19	07:00	00:12	02:29	-	-	-	00:42	13:34	-	-	-	-	-
31-May-19	07:00	00:23	-	-	-	-	03:50	12:45	-	-	-	-	-
Total	217:00	13:06	31:57	04:37	00:17	00:00	299:31	151:21	00:00	26:07	00:00	00:00	00:00
% Used	2.49%	6.07%	0.88%	0.05%	0.00%	0.00%	56.84%	28.72%	0.00%	4.96%	0.00%	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).

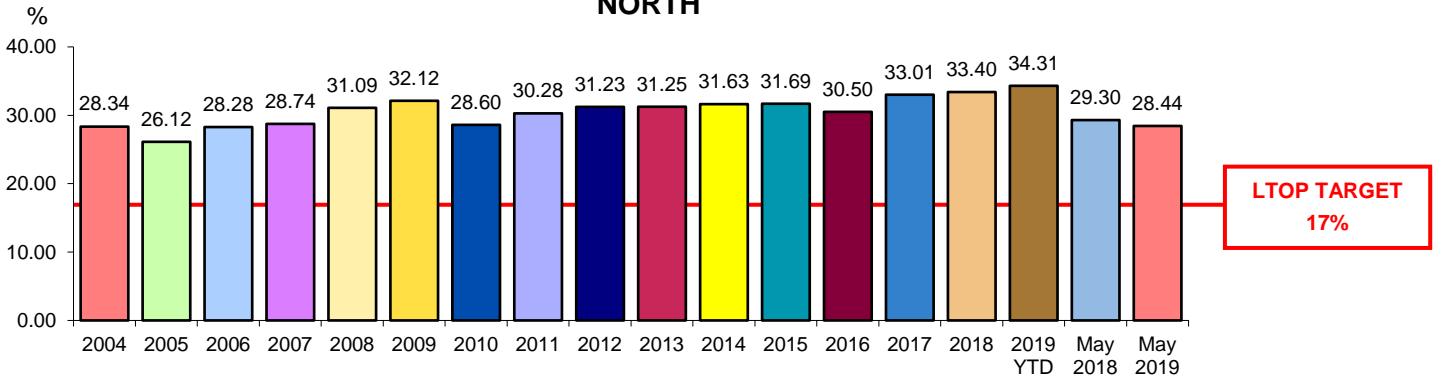
Cumulative Mode Utilisation from 1 January 2019

Time	1.96%	3.05%	0.31%	0.01%	0.00%	48.99%	44.05%	0.02%	1.54%	0.08%	0.00%	0.00%
Movements	0.44%	2.11%	0.23%	0.01%	0.00%	50.83%	45.09%	0.01%	1.22%	0.07%	0.00%	0.00%

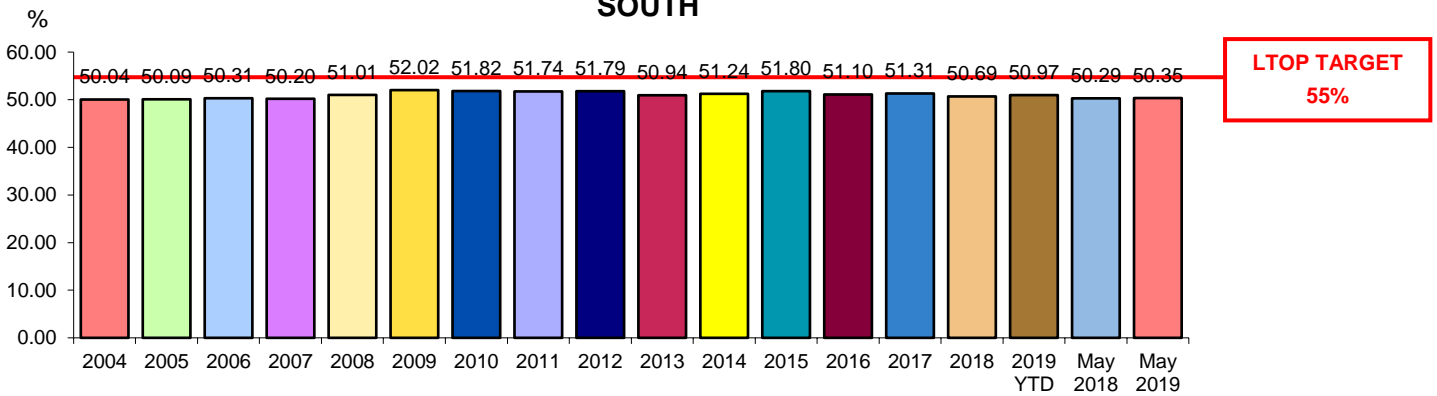
Runway End Impact to 31 May 2019

Includes comparisons with annual figures for 1998 to 2018, 2019 Year to Date, current month this year and corresponding month last year.

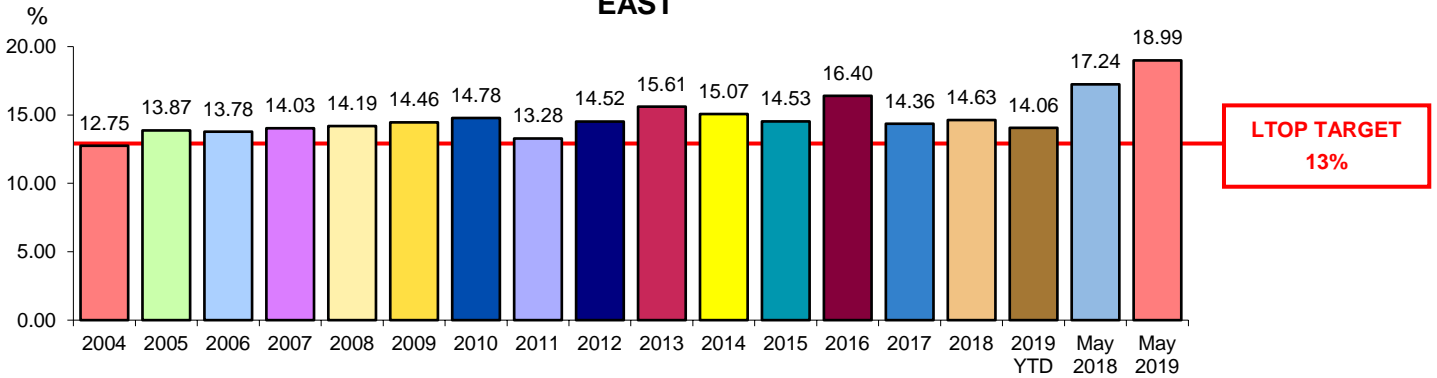
NORTH



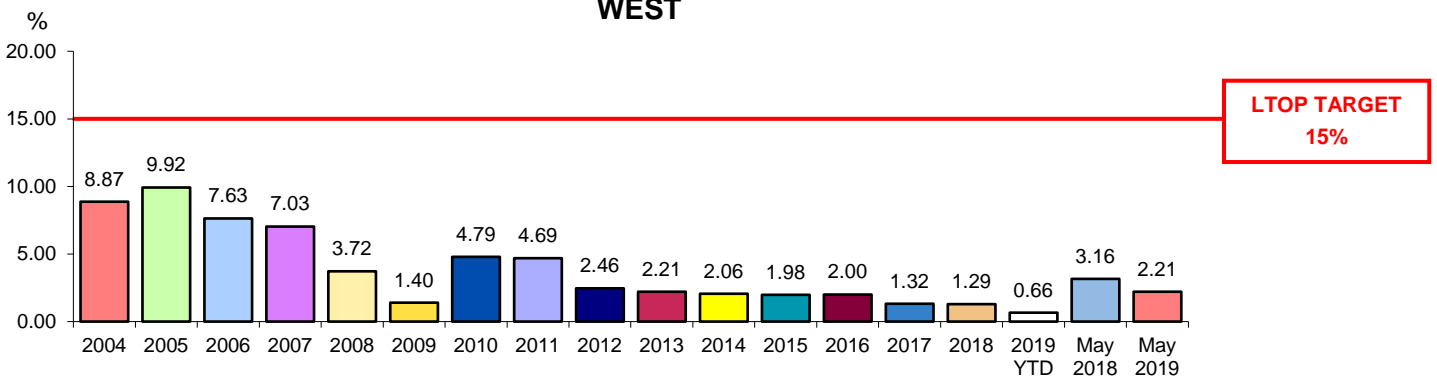
SOUTH



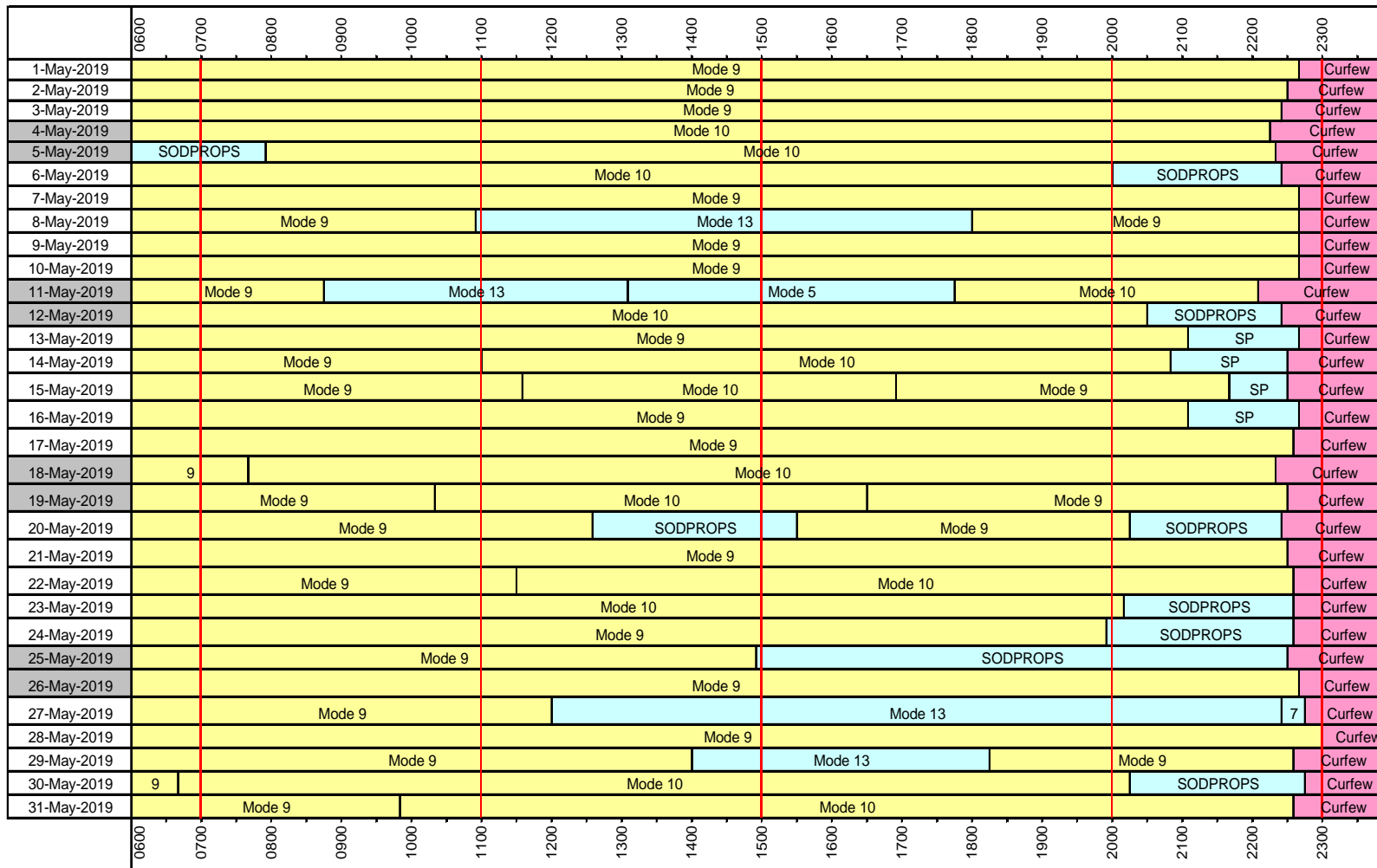
EAST



WEST



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 **May 2019**.

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

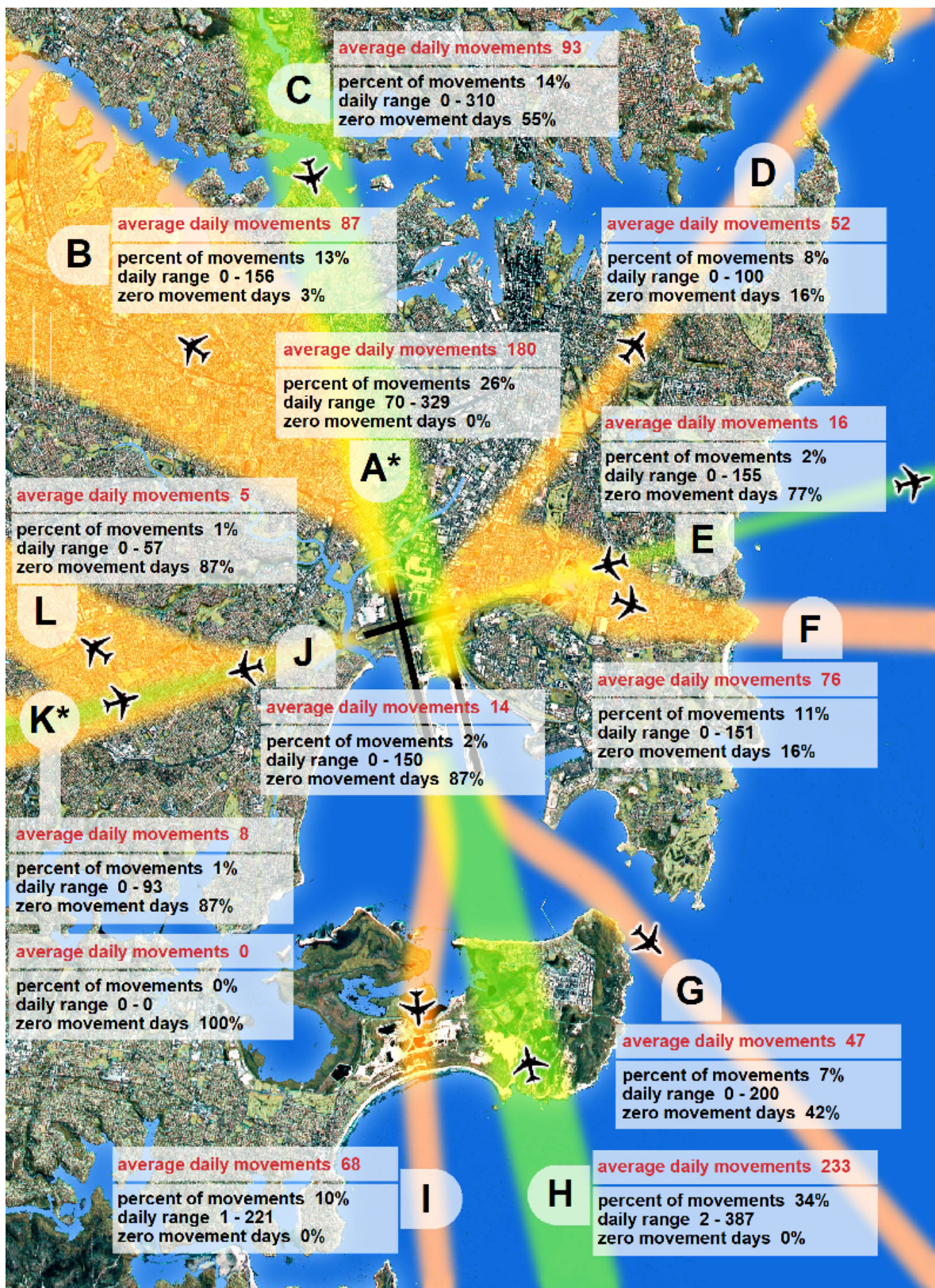
Date	Number of arrivals on Runway 16 during PRM	Runway assignment	
		16L	16R

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 Flight Path Movements

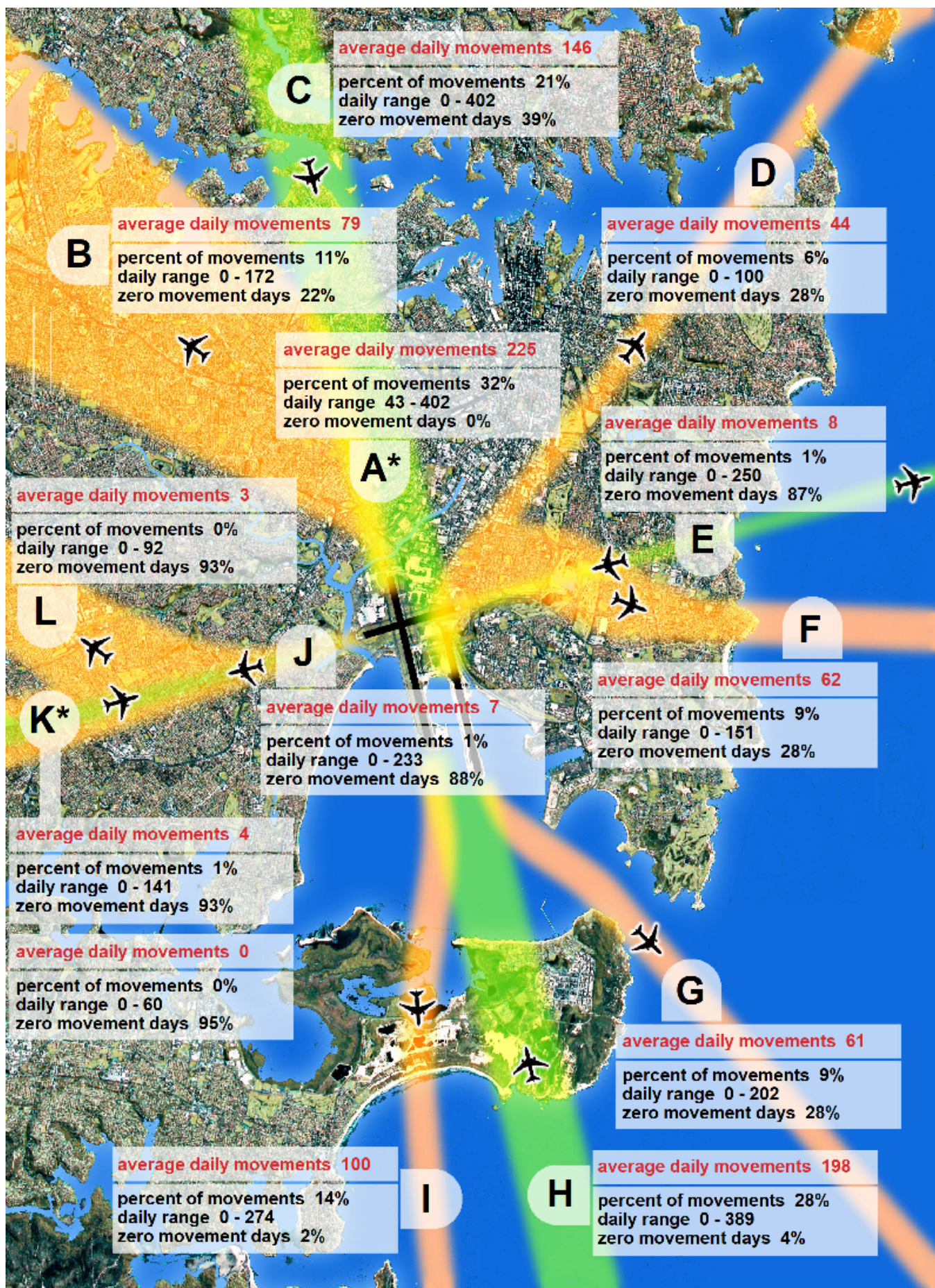
1 May 2019 to 31 May 2019, All Jets



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

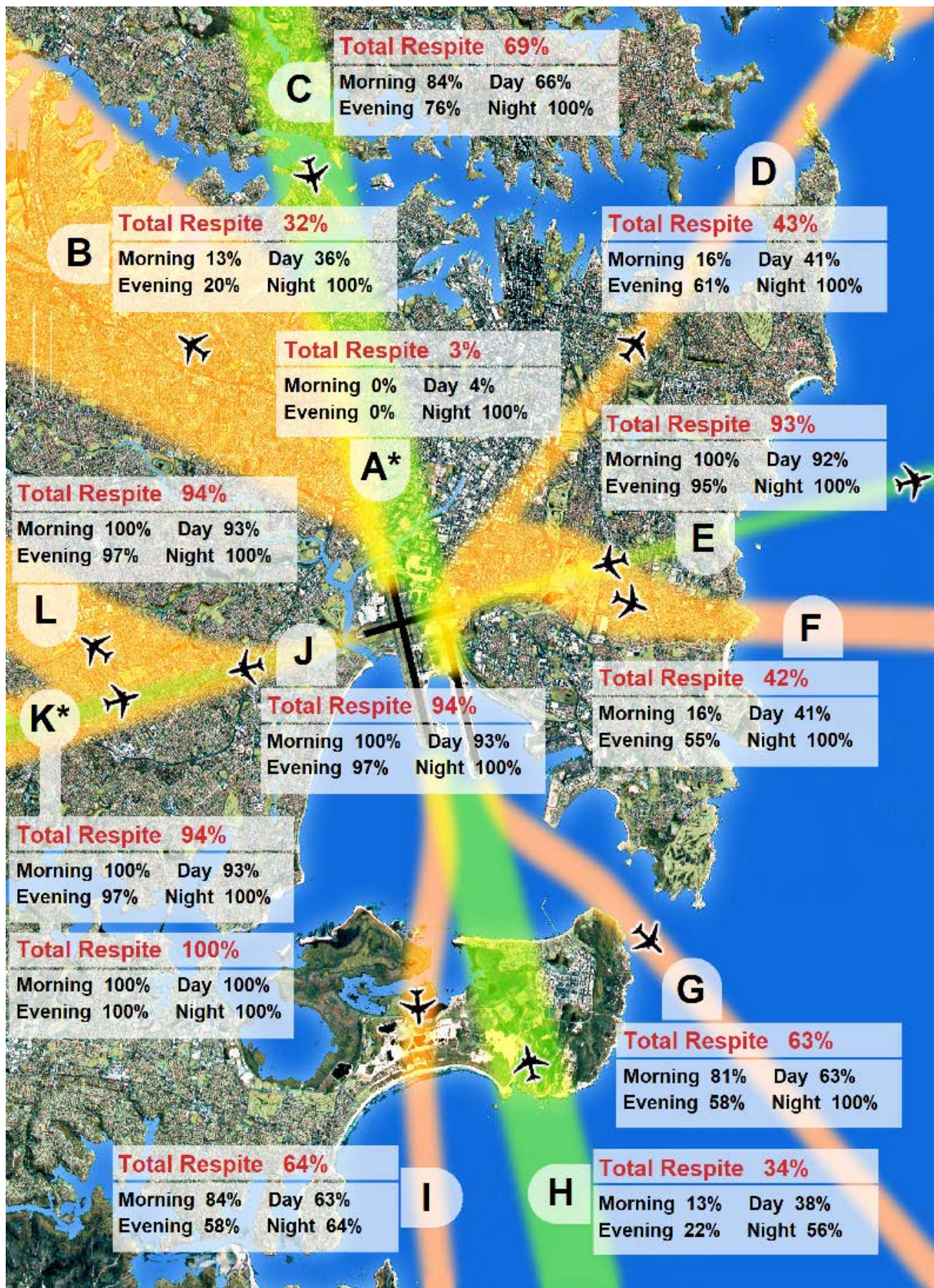
1 Jun 2018 to 31 May 2019, All Jets



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 2019 to 31 May 2019, All Jets



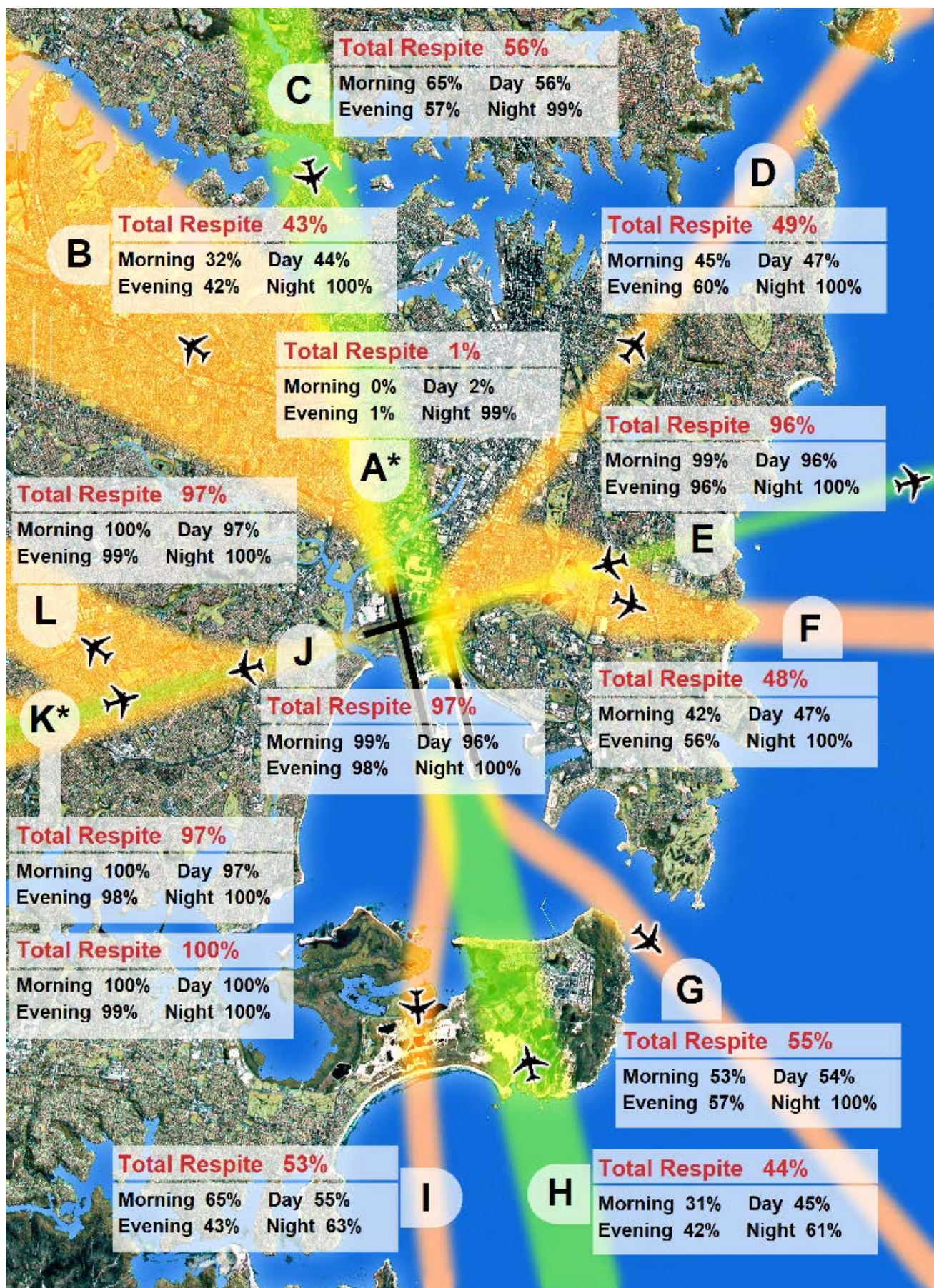
Note : Track A* is Tracks B and C combined. Track K* shows departures (top box) and arrivals (bottom box).

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

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

Sydney Airport : Jet Aircraft Respite (R60)

1 Jun 2018 to 31 May 2019, All Jets



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

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

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

Sydney Airport - Jet Flight Path Movements (Explanation) June 2018 to May 2019

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 July 2018 .
	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 2019 .
	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 July 2018 .
	Departures off runway 34R to the north-east	
E	East – Coogee	Area mainly gets overflights (arrivals) from Mode 5 . Due to seasonal changes in wind patterns the highest use of this Mode was in June 2018 .
	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 July 2018 .
	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 July 2018 and Mode 7 was in July 2018 .
	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 2018 , Mode 14A in July 2018 & 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 June 2018 to May 2019, during which there were no movements.
Morning Respite	is based on the above criteria for the period 6am to 7am for all 7 days of the week.
Day Respite	is based on the above criteria for the period 7am to 8pm for all 7 days of the week.
Evening Respite	is based on the above criteria for the period 8pm to 11pm for all 7 days of the week.
Curfew (Night)	is based on the above criteria for the period 11pm to 6am for all 7 days of the week.

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

Notes

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

Measured Daily N70 Values

Description

Airservices Australia maintains and operates a Noise and Flight path Monitoring System (NFPMS) at all the major Australian airports. Environmental Services at Airservices Australia's head office located in Canberra regularly reports on aircraft flight paths and noise for each major Airport. The data appearing here is a summary of the N70 noise data for Sydney Airport for May 2019.



Figure 1. NMT sites about Sydney Airport and the daily N70 values for the month of May 2019

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 2019 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>Threshold rwy 34</i>	<i>11,486</i>	<i>30.9</i>	<i>364</i>	<i>337</i>	<i>344</i>
<i>Penshurst</i>	<i>406</i>	<i>30.9</i>	<i>7</i>	<i>2</i>	<i>3</i>
<i>Bexley</i>	<i>505</i>	<i>30.9</i>	<i>13</i>	<i>2</i>	<i>4</i>
<i>Sydenham</i>	<i>5,344</i>	<i>30.9</i>	<i>172</i>	<i>218</i>	<i>202</i>
<i>Johnston St Annandale</i>	<i>1,878</i>	<i>30.9</i>	<i>50</i>	<i>107</i>	<i>92</i>
<i>Church St. St Peters</i>	<i>3,798</i>	<i>30.9</i>	<i>87</i>	<i>138</i>	<i>119</i>
<i>Leichhardt PEMU 36</i>	<i>2,547</i>	<i>30.9</i>	<i>77</i>	<i>141</i>	<i>124</i>
<i>Eastlakes</i>	<i>3,188</i>	<i>30.9</i>	<i>92</i>	<i>49</i>	<i>65</i>
<i>Coogee</i>	<i>873</i>	<i>30.9</i>	<i>24</i>	<i>2</i>	<i>8</i>
<i>Kurnell</i>	<i>3,671</i>	<i>30.9</i>	<i>110</i>	<i>75</i>	<i>85</i>
<i>Croydon</i>	<i>800</i>	<i>30.9</i>	<i>19</i>	<i>16</i>	<i>18</i>
<i>Hunters Hill</i>	<i>2,158</i>	<i>20.8</i>	<i>49</i>	<i>106</i>	<i>86</i>

Table 1 Results for each Noise Monitoring Terminal for the three months up to and including May 2019.

The N70 values for May 2019 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 21 PM 55 Day 258 Night 14 WE_D 323 WE_N 10	Penshurst AM 0 PM 1 Day 7 Night 0 WE_D 6 WE_N 0	Bexley AM 0 PM 1 Day 13 Night 0 WE_D 10 WE_N 0	Eastlakes AM 4 PM 8 Day 79 Night 0 WE_D 93 WE_N 0
Coogee AM 0 PM 3 Day 21 Night 0 WE_D 24 WE_N 0	Sydenham AM 7 PM 24 Day 145 Night 0 WE_D 162 WE_N 0	Leichhardt PEMU36 AM 3 PM 5 Day 68 Night 0 WE_D 78 WE_N 0	Kurnell AM 7 PM 7 Day 97 Night 0 WE_D 108 WE_N 0
Annandale AM 1 PM 3 Day 48 Night 0 WE_D 45 WE_N 0	St Peters AM 3 PM 11 Day 76 Night 0 WE_D 78 WE_N 0	Croydon AM 1 PM 5 Day 14 Night 0 WE_D 18 WE_N 0	Hunters Hull AM 3 PM 3 Day 49 Night 0 WE_D 36 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.