

AIRCRAFT IN YOUR NEIGHBOURHOOD – SYDNEY REGION

[HTTPS://AIRCRAFTNOISE.AIRSERVICESAUSTRALIA.COM/](https://aircraftnoise.airservicesaustralia.com/)

GUIDE TO NAVIGATING SYDNEY AIRPORT OPERATIONAL STATISTICS & NOISE INFORMATION

PURPOSE OF THIS GUIDE



The purpose of this guide is to provide an illustrated, step by step manual to assist community members to navigate Airservices on line content.

The structure of the guide follows the structure of information previously collated in historic *Sydney Airport Operational Statistics* PDF reports.

It also provides guidance on accessing quarterly and annual ANEI reporting, noise monitoring and noise complaint data through our broader online content available for Sydney residents.

SYDNEY AIRPORT RUNWAY INFORMATION

SYDNEY AIRPORT RUNWAYS

Runway numbers refer to the direction an aircraft is flying:

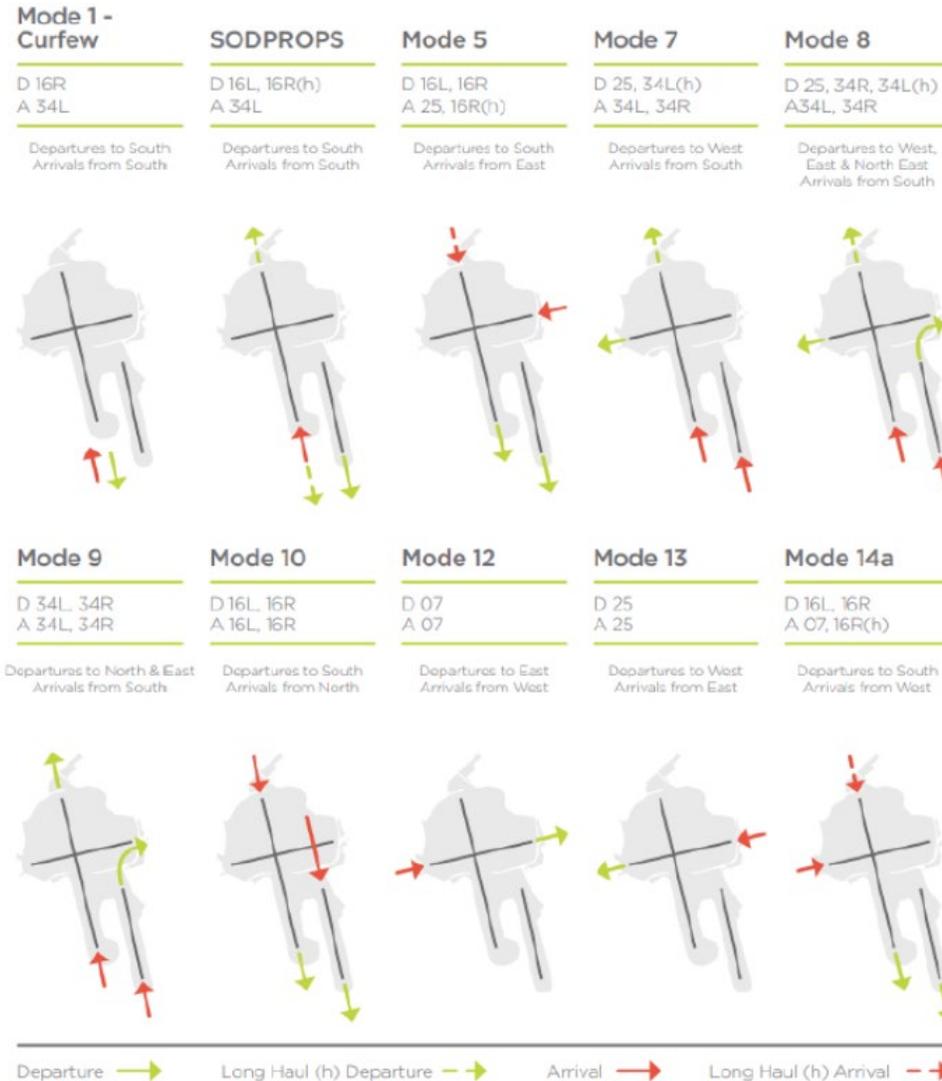
Runway 16R/34L	Main North-South runway
Runway 16L/34R	Parallel North-South runway
Runway 07/25	East-West runway

Operational information:

Runways 16L and 16R	Used by aircraft landing or taking off towards the South (16 = approximately 160 degrees magnetic bearing)
Runway 34L	Used by aircraft landing or taking off towards the North (34 = approximately 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 = approximately 070 degrees magnetic bearing)
Runway 25	Used by aircraft landing or taking off towards the West (25 = approximately 250 degrees magnetic bearing)
Movements over the North	16L(arrivals) + 16R(arrivals) + 34L(departures)
Movements over the South	16L(departures) + 16R(departures) + 34L(arrivals) + 34R(arrivals)
Movements over the East	07(departures) + 25(arrivals) + 34R(departures)
Movements over the West	07(arrivals) + 25(departures)



SYDNEY AIRPORT - 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)
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	3.	Departures 16L&R / Arrivals 25 (Mode 5), or Departures 16L&R / Arrivals 07 (Mode 14A)
	4.	16 (Mode 10)

SYDNEY AIRPORT OPERATIONAL STATISTICS REPORT ONLINE

ACCESSING SYDNEY AIRPORT OPERATIONAL REPORTING ONLINE

CLICK THE LINK OR COPY THE LINK BELOW INTO YOUR WEB BROWSER



Or paste the link below into your web browser



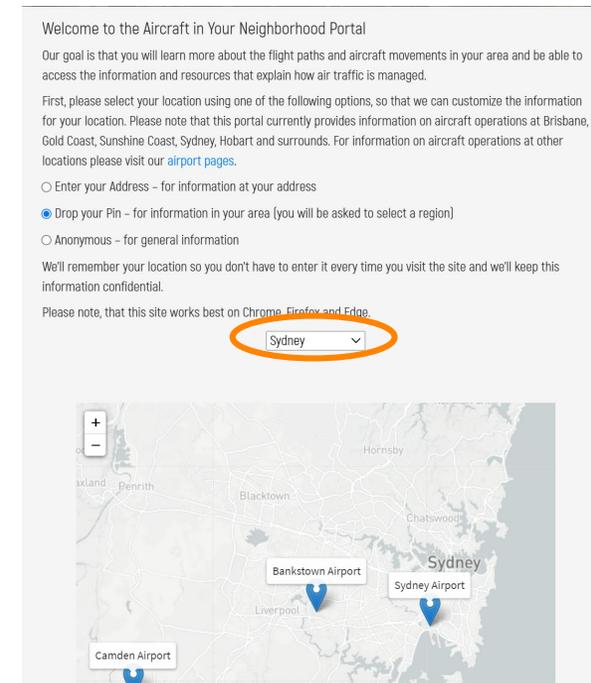
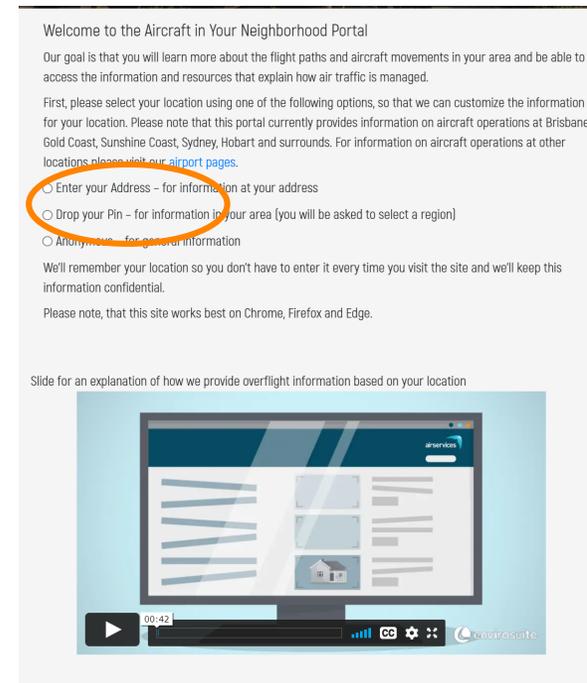
To access the Sydney specific pages

On the Aircraft in Your Neighbourhood home page, select:

- *Enter your address*; or
- *Drop a pin* and then (select **Sydney** in the Region drop down)

Enter your address or *drop your pin* on the map

Then select **continue** to enter the Sydney specific site.



HOW TO USE SYDNEY AIRPORT OPERATIONAL STATISTICS ONLINE REPORTING

Click desired **tab** and select desired **filters** to view the information of interest

Select a month : Sep-20

Select a type : Arrivals

Runway use summary

Operations by runway

- 34L 73.36%
- 16R 26.6%
- 16L 0.04%

Operations by day and runway

Runway	16L		16R		34L		Total
	Arr	Total	Arr	Total	Arr	Total	
01/09/2020	1	1	51	51	37	37	89
02/09/2020					98	98	98
03/09/2020					92	92	92
04/09/2020					106	106	106
05/09/2020			41	41	18	18	59
06/09/2020					68	68	68
07/09/2020					103	103	103
08/09/2020					85	85	85
09/09/2020			86	86	8	8	94
10/09/2020			89	89	7	7	96
11/09/2020			19	19	87	87	106
12/09/2020					61	61	61
13/09/2020			6	6	63	63	69
14/09/2020			93	93	13	13	106
15/09/2020			14	14	82	82	96
16/09/2020			3	3	103	103	106
17/09/2020			53	53	47	47	100
18/09/2020			99	99	4	4	103
19/09/2020					63	63	63
20/09/2020					78	78	78
21/09/2020					93	93	93
22/09/2020			14	14	83	83	97
23/09/2020			6	6	98	98	104
24/09/2020					105	105	105
25/09/2020					105	105	105
26/09/2020					70	70	70
27/09/2020			64	64	15	15	79
28/09/2020			35	35	62	62	97
29/09/2020			54	54	45	45	99
Total	1	1	727	727	2,005	2,005	2,733

Select a type : Arrivals

- All Aircraft
- Arrivals
- Departures
- Jet Aircraft Only
- Non Jet Aircraft ...

Use this to select appropriate dates

Select from the different filters to produce report you wish to view

SYDNEY AIRPORT OPERATIONAL STATISTICS REPORT – ONLINE CONTENT GUIDE

Table of Contents (from previous hard copy reporting)

1. Sydney Airport Runways..... <https://aircraftnoise.airservicesaustralia.com/2020/04/30/runways-at-sydney-airport/>
2. Runway Modes of Operation..... <https://aircraftnoise.airservicesaustralia.com/2020/04/30/what-rules-apply-to-use-of-sydney-airport-flight-paths/>
3. Preferred Runway Selection..... <https://www.airservicesaustralia.com/about-us/about-our-operations/runway-selection/>

The next section can be found here using the various menu tabs..... <https://aircraftnoise.airservicesaustralia.com/2020/04/30/sydney-airport-operational-statistics/>

4. Runway Movement Summary – All Aircraft
 5. Runway Movement Summary – Jet Aircraft only
 6. Runway Movement Summary – Non Jet Aircraft only
- } **Runway usage**
7. Hourly Runway Movement Summary– All Movements
 8. Hourly Runway Movement Summary – Arrivals
 9. Hourly Runway Movement Summary – Departures
- } **Hourly summary**
10. Mode Utilisation Summary / Cumulative Mode Utilisation
- Mode usage**
11. Runway End Impact **LTOP targets**
 12. Daily Mode Usage **Mode usage**
 13. PRM Statistics **PRM operations**
14. Noise Enquiry Service..... <https://aircraftnoise.airservicesaustralia.com/2020/04/30/sydney-aircraft-noise-complaints-statistics/>
 15. Jet Flight Path Movements (monthly reporting)
 16. Jet Aircraft Respite (R60) (monthly reporting).....
 17. Jet Flight Path Movements (Explanation)
 18. Jet Aircraft Respite (R60) (Explanation)
 19. Measured Daily N70 Values
- } <http://myneighbourhood.emsbk.com/syd5/>

Other information

Australian Noise Exposure Index reporting.....
<https://aircraftnoise.airservicesaustralia.com/2020/04/30/sydney-airport-australian-noise-exposure-index-anei/>

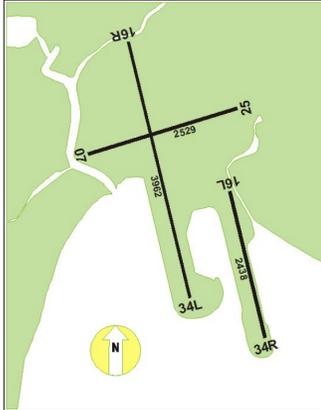
Noise monitoring.....
<https://webtrak.emsbk.com/syd3>

Sydney Airport Runways (section 1 of the report)

This information can be linked to here - <https://aircraftnoise.airservicesaustralia.com/2020/04/30/runways-at-sydney-airport/>

Or from the Aircraft in Your Neighbourhood Sydney home page under **What are the flight paths in my area** and clicking **Sydney Airport Runways**

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)

Historic report content



AIRCRAFT IN YOUR NEIGHBOURHOOD

LEARN ABOUT FLIGHT PATHS AND AIRCRAFT MOVEMENTS IN YOUR AREA

YOUR LOCATION: Earlwood NSW 2206

- What are the flight paths in my area
- What is normal in my area?
- How much variation should I expect in my area?
- What rules apply?
- What flight disturbed me?

Impact of COVID-19 on aircraft operations at Sydney Airport
Find out about temporary changes that may affect when aircraft fly
[Read More](#)

Investigate flight path usage in your area
Learn what information is available from WebTrak My Neighbourhood
[Read More](#)

Sydney Airport Runways
Learn about the runways and how they are used.
[Read More](#)

This is the online format of the report



Runway Modes of Operation (section 2 of the report)

This information can be linked to here - <https://aircraftnoise.airservicesaustralia.com/2020/04/30/what-rules-apply-to-use-of-sydney-airport-flight-paths/>

Or from the Aircraft in your neighbourhood Sydney home page under **What are the flight paths in my area**, clicking **Sydney Airport Runways** (previous section) and scrolling to **Learn about the Long Term Operating Plan and noise sharing**

Runway Modes of Operation

<p>Mode 1 - Curfew</p> <p>D 16R A 34L</p> <p>Departures to South Arrivals from South</p>	<p>Sodrops</p> <p>D 16L, 16R A 34L</p> <p>Departures to South Arrivals from South</p>	<p>Mode 5</p> <p>D 16L, 16R A 25, 16R(h)</p> <p>Departures to South Arrivals from East</p>
<p>Mode 7</p> <p>D 25, 34L(h) A 34L, 34R</p> <p>Departures to West Arrivals from South</p>	<p>Mode 8</p> <p>D 25, 34R, 34L(h) A 34L, 34R</p> <p>Departures to West, East & North East Arrivals from South</p>	<p>Mode 9</p> <p>D 34L, 34R A 34L, 34R</p> <p>Departures to North & East Arrivals from South</p>
<p>Mode 10</p> <p>D 16L, 16R A 16L, 16R</p> <p>Departures to South Arrivals from North</p>	<p>Mode 12</p> <p>D 07 A 07</p> <p>Departures to East Arrivals from West</p>	<p>Mode 13</p> <p>D 25 A 25</p> <p>Departures to West Arrivals from East</p>



The main runway 16R/34L (3.9km) is orientated north to south, as is a shorter parallel runway 16L/34R (2.4km long). The cross runway 07/25 (2.5km) is orientated east to west.

Heavy long-haul jets, such as Airbus 380s, and Boeing 747s, 777s and 787s will usually use Runway 34L/16R because it is the longest runway and they need the extra length.

Air traffic controllers select which runways to use based on wind direction, weather conditions, traffic volume and other factors. Because aircraft take-off and land into the wind for safety and performance reasons, the wind conditions at the airport are a key factor in these decisions. If the wind at the airport is calm or light, other factors are taken into account. These factors are discussed in more details in our [Runway Selection](#) page.

The Sydney Airport Long Term Operating Plan also informs runway selection decisions. [Learn more about the Long Term Operating Plan and noise sharing.](#)

Sydney Airport has a curfew that restricts both aircraft type and runway usage between the hours of 11.00 pm and 6.00 am. During this time departures use Runway 16R and emergency medical flights are exempted and can use any runway required to expedite their journey.

What rules apply to use of Sydney Airport flight paths?

[Back](#)

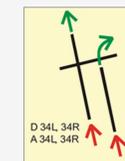
The [Sydney Airport Long Term Operating Plan \(LTOP\)](#) is a program which was introduced to manage the aircraft noise from Sydney Airport.

Does noise sharing mean flight paths are varied?

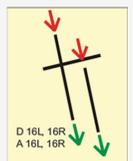
It is a common misconception that noise sharing means that flight paths are varied. This is not the case. Using the same standard flight paths is vital for safety, particularly at very busy airports like Sydney, because they reduce complexity for pilots and air traffic controllers. If a different flight path was used for every flight it would be very complex to ensure aircraft remained safely separated, and there would be a high possibility of confusion and error.

While flight paths themselves are not varied, there are [different flight paths](#) for each runway, each of which will affect a different part of the community. Because aircraft need to land and take off into the wind, the runway used generally will be the one that best suits the wind direction at the time. As the wind and other conditions change, the runway configuration or "mode" may also change, bringing a different set of standard flight paths into use. This has the effect of sharing the noise.

Peak period modes



Mode 9



Mode 10

This is the online format of the report



Preferred Runway Selection (section 3 of the report)

This information can be linked to here on Airservices Australia corporate website - <https://www.airservicesaustralia.com/about-us/about-our-operations/runway-selection/>

RUNWAY SELECTION

Sydney Airport Preferred Runway Selection

Effective from 1 July 2010 (LOA 3181 V1)

Monday to Friday		Saturday and Sunday	
2300 to 0600	1. Curfew – Departures 16R / Arrivals 34L (Mode 1)	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)	0600 to 0700 Saturday 0600 To 0600 Sunday	1. SODPROPS - Departures 16L / Arrivals 34L 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), or Departures 16L&R / Arrivals 25 (Mode 5) 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)	0700 to 2200 Saturday 0800 To 2200 Sunday	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)
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Ray 34 and Ray 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
0600 to 1100 Sunday
1400 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.

Weather, in particular wind speed and direction, is usually the main reason for selecting which runways are used at an airport, the direction aircraft take-off and land, and the flight paths that are used.
The decision to use a particular runway has an impact on the amount of aircraft noise experienced by residents around airports and under flight paths.
The video below explains how runways are used and named.



Historic report content

This is the online format of the report



- How are runways named? +
- How are runways selected? +
- How does weather affect runway use? +
- What are seasonal winds? +
- What happens when the wind changes? +

Runway Movement, Mode Utilisation, Runway End Impact, Preferred Runway Mode Statistics (sections 4 to 13 of the report)

This information can be linked to here - <https://aircraftnoise.airservicesaustralia.com/2020/04/30/sydney-airport-operational-statistics/>

Or from the Aircraft in Your Neighbourhood Sydney home page under **What are the flight paths in my area**, clicking **Sydney Airport operational statistics**

AIRCRAFT IN YOUR NEIGHBOURHOOD
LEARN ABOUT FLIGHT PATHS AND AIRCRAFT MOVEMENTS IN YOUR AREA

What are the flight paths in my area

What is normal in my area?

How much variation should I expect in my area?

What rules apply?

What flight disturbed me?

Resources

How many aircraft fly near me?
How many aircraft are flying over your area and how does this vary from month to month?
[Read More](#)

How frequent are flights in my area?
How often do aircraft fly near my area at different times of day?
[Read More](#)

How high are aircraft near me?
See how high aircraft are over your area and how this varies
[Read More](#)

Explore detailed data for your area
Compare monthly variations in your area
[Read More](#)

Sydney noise monitoring report
Explore monthly noise level data from the Noise and Flight Path Monitoring System
[Read More](#)

Sydney Airport operational statistics
An interactive tool to explore monthly Sydney Airport operational statistics
[Read More](#)

Runway Movement Summary (sections 4 to 6 of the report)

- click [Runway usage](#) tab

- select a type **All Aircraft; Jet Aircraft; Non Jet Aircraft; Arrivals; Departures**

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-Jan-2016	0	0	0	12	12	24	16	11	27	0	13	13	245	174	419	122	191	313	0	0	0	796
02-Jan-2016	20	0	20	128	131	259	189	231	420	0	0	0	51	12	63	12	28	40	0	0	0	802
03-Jan-2016	54	0	54	161	185	346	224	268	492	1	0	1	3	0	3	0	0	0	0	0	0	896
04-Jan-2016	11	0	11	172	158	330	250	286	536	0	0	0	4	0	4	0	0	0	0	0	0	881
05-Jan-2016	0	0	0	176	126	302	226	282	508	0	0	0	6	0	6	0	0	0	0	0	0	816
06-Jan-2016	0	0	0	175	144	319	238	273	511	0	0	0	2	0	2	0	0	0	0	0	0	832
07-Jan-2016	0	0	0	165	157	322	252	278	530	20	0	20	4	0	4	0	0	0	0	0	0	876
08-Jan-2016	18	0	18	159	177	336	261	274	535	0	0	0	12	2	14	0	0	0	0	0	0	903
09-Jan-2016	0	0	0	0	0	0	0	0	0	0	0	0	257	173	430	130	205	335	0	0	0	766
10-Jan-2016	1	0	1	17	17	34	13	4	17	0	0	0	284	189	473	136	229	365	0	0	0	870
11-Jan-2016	5	0	5	13	13	26	2	2	4	0	0	0	273	201	474	166	232	398	0	0	0	892
12-Jan-2016	1	0	1	127	100	227	187	237	424	0	0	0	81	36	117	38	61	99	0	0	0	868
13-Jan-2016	2	0	2	38	33	71	54	63	117	6	0	6	216	158	374	118	186	304	0	0	0	874
14-Jan-2016	0	0	0	83	66	149	107	124	231	0	0	0	159	126	285	95	121	216	0	0	0	881
15-Jan-2016	0	0	0	192	174	366	269	287	556	0	0	0	0	0	0	0	0	0	0	0	0	922
16-Jan-2016	122	0	122	97	119	216	160	255	415	5	0	5	0	0	0	0	0	0	0	0	0	758
17-Jan-2016	35	0	35	136	192	328	219	245	464	36	0	36	1	0	1	0	0	0	0	0	0	864
18-Jan-2016	0	0	0	0	49	49	1	8	9	0	0	0	313	202	515	143	199	342	0	0	0	915
19-Jan-2016	0	0	0	13	13	26	0	9	9	0	0	0	293	181	474	142	226	368	0	0	0	864
20-Jan-2016	5	0	5	28	28	54	41	52	93	0	0	0	231	168	399	135	191	326	0	0	0	877
21-Jan-2016	1	0	1	19	33	52	28	39	67	1	0	1	241	164	405	157	205	362	0	0	0	866
22-Jan-2016	0	0	0	110	108	218	144	167	311	0	0	0	133	87	220	98	132	230	0	0	0	979
23-Jan-2016	1	0	1	132	130	262	236	243	479	19	2	21	2	0	2	0	0	0	0	0	0	765
24-Jan-2016	1	0	1	145	153	298	227	265	492	43	0	43	2	0	2	0	0	0	0	0	0	836
25-Jan-2016	17	0	17	148	154	302	226	247	473	9	0	9	12	11	23	3	5	8	0	0	0	832
26-Jan-2016	51	0	51	0	8	8	4	39	43	0	11	11	219	163	382	152	206	358	0	0	0	853
27-Jan-2016	1	0	1	0	0	0	0	4	4	0	14	14	261	195	456	196	244	440	0	0	0	915
28-Jan-2016	0	0	0	0	0	0	0	12	12	0	0	0	290	192	482	188	271	459	0	0	0	953
29-Jan-2016	1	0	1	41	41	82	78	80	158	4	0	4	192	144	336	135	195	330	0	0	0	911
30-Jan-2016	9	0	9	136	122	258	205	227	432	13	0	13	2	0	2	0	0	0	0	0	0	714
31-Jan-2016	0	0	0	54	65	119	73	78	157	0	0	0	193	131	324	84	150	234	0	0	0	834
Total	356	0	356	2632	2708	5340	3922	4590	8512	157	40	197	3992	2709	6701	2250	3277	5527	0	0	0	26633

Historic Reporting - Runway movement summary

This is the online format of the report



Runway movement summary – All Aircraft – September 2020 (Interactive reporting)

Select a page :

LTOP targets

Ops by direction

Runway usage

Hourly summary

Mode usage

PRM operations

34L departures

Noise sharing

Seasonal mode

Select a month :

Report Month

Select a type :

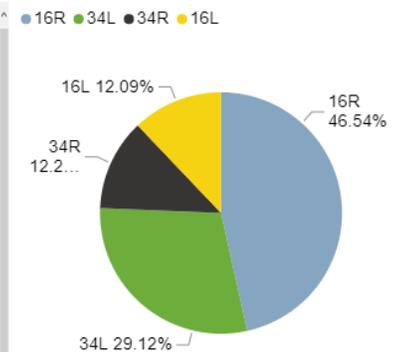
All Aircraft

Runway use summary

Operations by day and runway

Runway Date	16L			16R			34L			34R			Total	
	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total		
01/03/2021				17	22	39	167	132	299	54	82	136	474	
02/03/2021	29	28	57	187	193	380	2		2				439	
03/03/2021	52	48	100	179	191	370	10		10				480	
04/03/2021				5	20	25	209	168	377	47	76	123	525	
05/03/2021	50	38	88	211	226	437	6		6				531	
06/03/2021	23	14	37	173	173	346	1		1				384	
07/03/2021	1	2	3		1	1	176	167	343	33	55	88	435	
08/03/2021					8	8	216	147	363	61	115	176	547	
09/03/2021	50	37	87	150	158	308	33	26	59	8	16	24	478	
10/03/2021	50	44	94	152	182	334	56	31	87				515	
11/03/2021					15	15	209	168	377	53	83	136	528	
12/03/2021				7	12	19	199	138	337	66	117	183	539	
13/03/2021		7	7				155	106	261	38	79	117	385	
14/03/2021	56	41	97	172	184	356							453	
15/03/2021	59	41	100	207	230	437	4		4				541	
16/03/2021	26	26	52	172	182	354	40	25	65	10	24	34	505	
17/03/2021	70	58	128	184	206	390	11		11				529	
18/03/2021	38	48	86	168	181	349	48	17	65	20	29	49	549	
19/03/2021	65	53	118	214	228	442	7		7				567	
20/03/2021	33	33	66	163	163	326							392	
21/03/2021					2	2	196	147	343	35	87	122	467	
22/03/2021					6	6	206	147	353	61	108	169	528	
23/03/2021					12	12	188	107	295	52	120	172	479	
24/03/2021					11	25	36	207	154	361	51	92	143	540
25/03/2021	26	32	58	95	84	179	113	70	183	45	95	140	560	
26/03/2021	98	86	184	184	209	393	9		9				586	
27/03/2021		58	58		5	5	182	97	279	33	46	79	421	
28/03/2021	36	27	63	201	229	430	1		1				494	
29/03/2021	83	62	145	222	235	457	2		2				604	
30/03/2021	59	46	105	214	237	451	5		5				561	
Total	9...	898	1,8...	3,...	3,...	7,270	2,687	1,862	4,549	676	1,239	1,915	15,622	

Operations by runway



Hourly Runway Movement Summary (sections 7 to 9 of the report)

- click [Hourly summary](#) tab

- select a type **All Aircraft; Jet Aircraft; Non Jet Aircraft; Arrivals; Departures**

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-Sep-2019	0	2	0	0	0	3	32	38	38	45	64	49	53	39	55	54	66	55	72	67	48	34	21	0	836
02-Sep-2019	2	0	0	1	0	2	49	77	79	88	77	59	47	44	55	50	57	60	74	61	31	33	23	5	954
03-Sep-2019	3	1	4	2	3	3	52	76	79	83	77	51	37	41	48	44	59	63	69	52	32	28	19	2	908
04-Sep-2019	4	1	1	3	0	3	44	73	78	72	67	63	40	36	51	55	57	64	62	59	44	29	23	5	934
05-Sep-2019	3	1	1	3	2	2	47	70	76	64	70	56	46	41	51	53	55	76	67	56	43	45	30	7	975
06-Sep-2019	2	0	3	3	0	3	47	63	71	74	70	70	48	40	57	58	61	50	43	50	48	54	48	2	963
07-Sep-2019	0	0	0	0	0	3	31	35	43	40	40	48	52	49	39	44	42	34	40	43	33	21	19	0	665
08-Sep-2019	0	0	0	0	0	3	32	35	44	41	56	50	59	41	51	53	65	47	60	54	51	54	26	0	822
09-Sep-2019	0	0	0	0	0	3	49	46	45	40	46	73	74	52	48	49	54	55	63	68	50	40	27	5	887
10-Sep-2019	3	0	2	4	0	1	53	68	71	75	71	64	36	41	47	54	56	63	74	62	33	30	22	7	937
11-Sep-2019	1	0	3	2	1	1	48	66	76	69	73	59	46	42	51	49	60	58	70	65	38	36	26	6	936
12-Sep-2019	3	1	4	2	0	1	47	73	77	69	76	57	43	42	46	67	66	72	75	65	40	44	32	5	987
13-Sep-2019	3	0	3	7	2	2	46	70	70	71	79	76	51	47	61	55	68	66	70	75	53	43	21	2	1039
14-Sep-2019	1	0	0	0	0	2	39	49	67	56	60	63	48	39	52	43	43	36	30	24	25	16	0	2	732
15-Sep-2019	0	2	0	0	3	3	36	37	44	50	61	50	45	45	67	53	62	60	80	64	40	38	17	2	853
16-Sep-2019	1	0	0	0	0	4	56	73	79	66	75	76	46	38	54	57	49	58	61	69	49	47	28	3	989
17-Sep-2019	3	1	1	1	1	2	52	68	58	62	77	75	47	45	51	45	58	53	67	64	50	46	32	5	944
18-Sep-2019	2	1	0	0	0	0	46	62	58	61	64	63	60	50	49	56	56	55	56	61	56	52	17	5	930
19-Sep-2019	3	0	2	4	0	2	44	72	76	68	70	58	38	58	52	58	61	75	71	48	43	32	8	1001	
20-Sep-2019	2	3	2	4	0	2	50	70	75	64	66	75	55	47	61	67	63	60	70	70	58	45	32	1	1031
21-Sep-2019	1	0	0	0	0	2	36	50	73	57	67	67	47	49	47	46	48	42	37	41	28	25	16	1	778
22-Sep-2019	0	1	0	0	1	3	40	38	50	47	68	62	49	46	56	56	69	58	78	72	42	43	18	0	897
23-Sep-2019	0	0	1	0	0	3	60	73	77	64	80	72	46	53	60	60	50	46	58	55	58	45	32	4	995
24-Sep-2019	1	1	2	3	2	3	53	78	76	83	72	70	42	43	50	52	56	65	64	71	36	32	29	7	971
25-Sep-2019	4	0	2	4	2	3	50	74	76	67	77	63	46	38	59	59	57	61	73	71	44	39	27	1	997
26-Sep-2019	5	0	3	3	0	3	50	76	80	65	74	74	43	51	47	61	67	68	74	66	50	51	33	10	1054
27-Sep-2019	2	0	2	4	1	2	53	70	80	68	80	71	45	50	62	63	67	61	67	76	52	46	27	3	1052
28-Sep-2019	2	0	1	0	0	0	44	56	73	63	75	64	52	36	55	43	47	43	47	41	26	28	17	0	812
29-Sep-2019	0	0	0	0	0	3	42	42	48	52	64	59	47	43	57	62	68	62	75	66	50	40	22	1	904
30-Sep-2019	1	0	0	0	0	3	67	73	74	76	71	74	51	35	62	62	55	55	75	65	44	33	30	6	991
Total	82	15	37	50	17	71	1385	1963	2012	1821	2085	1911	1464	1292	1577	1589	1747	1712	1922	1928	1295	1167	736	105	2773
Avg.	1.73	0.50	1.23	1.67	0.57	2.37	46.17	62.10	67.07	60.70	69.50	63.70	48.80	43.07	52.57	52.97	58.23	57.87	64.07	60.93	43.17	38.90	25.20	3.50	926.77

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.

Historic Reporting – Hourly Runway movement summary

This is the online format of the report



Hourly movement summary – arrivals – September 2020 (Interactive reporting)

Select a page :

LTOP targets

Ops by direction

Runway usage

Hourly summary

Mode usage

PRM operations

34L departures

Noise sharing

Seasonal mode

Select a month : Sep-20

Select a type : Arrivals

Hourly movement summary

Operations by hour of day

Date	12 am	1 am	2 am	3 am	4 am	5 am	6 am	7 am	8 am	9 am	10 am	11 am	12 pm	1 pm	2 pm	3 pm	4 pm	5 pm	6 pm	7 pm	8 pm	9 pm	10 pm	11 pm	Total	
01/09/2020	1	1	2	2			8	2	4	5	5	5	3	2	4	7	3	6	7	4	6	5	6	1	89	
02/09/2020	2	2	3	1			1	7	3	5	5	4	3	5	4	8	4	11	7	5	5	7	5	1	98	
03/09/2020	2	2	2	1			4	6	3	3	3	4	2	4	5	4	4	10	7	7	6	5	5	3	92	
04/09/2020	2	1	3	1			5	4	2	3	6	8	6	8	5	6	11	10	10	3	7	4	1		106	
05/09/2020		1	1				2	1	6	1	5	3	4	3	3	4	9	2	3	3	3	3	3	2	59	
06/09/2020							4	1	5	2	3	5	2	3	6	4	5	4	9	8	5			1	68	
07/09/2020							2	4	5	6	10	8	2	3	6	5	9	9	9	9	4	7	8	5	103	
08/09/2020	2				1		9	3	3	3	4	5	2	3	3	3	6	5	8	4	7	4	5	1	85	
09/09/2020	2			2	1		2	6	5	3	7	5	3	4	2	8	5	8	5	8	5	6	5	4	3	94
10/09/2020	1	1	2	1			4	8	5	2	4	5	3	3	4	4	4	8	10	7	8	6	4	2	96	
11/09/2020	1	1	4				6	5	3	3	6	5	9	3	9	5	10	9	9	7	7	2	1		106	
12/09/2020		2				1	3	1	2	2	3	5	8	2	1	8	6	4	4	3	3	1	2		61	
13/09/2020	1						1	7	4	2	4	6	4	3	4	2	6	6	6	9	1	2	1		69	
14/09/2020	1						1	5	4	7	7	12	5	3	3	4	7	9	8	8	8	7	6	1	106	
15/09/2020	1	2		3	1		9	5	4	4	5	5	2	4	1	5	5	8	7	6	6	6	4	3	96	
16/09/2020	1	1	2	2			2	5	2	5	6	5	4	5	5	6	7	10	11	8	6	6	5	2	106	
17/09/2020	2	1	2	1	1	1	5	9	1	3	4	3	3	2	5	7	6	9	9	5	7	8	5	1	100	
18/09/2020		1	2	1			7	3	3	4	6	8	3	4	8	8	7	10	8	8	5	5	2		103	
19/09/2020		1	1				2	2	4	1	4	5	6	3	3	5	6	4	5	3	3	3	2		63	
20/09/2020						1	6	3	4	1																

Mode Utilisation Summary and Daily Mode Usage (Section 10 and 12 of the report)

– click [Mode usage](#) tab

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-Sep-19	07:00	00:31	-	-	-	-	16:27	-	-	-	-	-	-
02-Sep-19	07:00	00:32	-	-	-	-	02:19	14:07	-	-	-	-	-
03-Sep-19	07:00	00:33	00:51	-	-	-	06:31	09:02	-	-	-	-	-
04-Sep-19	07:00	00:15	02:44	-	-	-	06:56	07:02	-	-	-	-	-
05-Sep-19	07:00	00:14	-	-	-	-	06:39	10:05	-	-	-	-	-
06-Sep-19	07:00	00:14	-	-	-	-	13:58	-	02:46	-	-	-	-
07-Sep-19	07:00	00:13	-	-	-	-	05:19	-	11:26	-	-	-	-
08-Sep-19	07:00	00:30	01:59	-	-	-	10:40	03:49	-	-	-	-	-
09-Sep-19	07:00	00:17	-	-	-	-	13:38	-	03:03	-	-	-	-
10-Sep-19	07:00	00:31	-	-	-	-	16:27	-	-	-	-	-	-
11-Sep-19	07:00	00:24	-	-	-	-	16:34	-	-	-	-	-	-
12-Sep-19	07:00	00:24	-	-	-	-	14:59	01:35	-	-	-	-	-
13-Sep-19	07:00	00:24	-	-	-	-	07:00	09:34	-	-	-	-	-
14-Sep-19	07:00	00:45	01:25	-	-	-	14:48	-	-	-	-	-	-
15-Sep-19	07:00	00:33	01:22	-	-	-	15:03	-	-	-	-	-	-
16-Sep-19	07:00	00:17	-	-	-	-	07:40	09:01	-	-	-	-	-
17-Sep-19	07:00	00:12	-	-	-	-	16:46	-	-	-	-	-	-
18-Sep-19	07:00	00:09	-	-	-	-	16:49	-	-	-	-	-	-
19-Sep-19	07:00	00:21	-	-	-	-	16:37	-	-	-	-	-	-
20-Sep-19	07:00	00:14	-	-	-	-	16:44	-	-	-	-	-	-
21-Sep-19	07:00	00:28	-	-	-	-	16:30	-	-	-	-	-	-
22-Sep-19	07:00	00:30	-	-	-	-	01:02	15:26	-	-	-	-	-
23-Sep-19	07:00	00:19	-	-	-	-	05:35	09:32	01:31	-	-	-	-
24-Sep-19	07:00	00:33	03:03	-	-	-	13:22	-	-	-	-	-	-
25-Sep-19	07:00	00:26	-	-	-	-	00:44	15:48	-	-	-	-	-
26-Sep-19	07:00	00:10	-	-	-	-	16:48	-	-	-	-	-	-
27-Sep-19	07:00	00:12	-	-	-	-	16:46	-	-	-	-	-	-
28-Sep-19	07:00	00:37	-	-	-	-	16:21	-	-	-	-	-	-
29-Sep-19	07:00	00:21	-	-	-	-	11:56	04:41	-	-	-	-	-
30-Sep-19	07:00	-	-	-	-	-	16:59	-	-	-	-	-	-
Total	210:00	11:37	11:27	00:00	00:00	00:00	235:41	228:33	00:00	22:38	00:00	00:00	00:00
% Used	2.28%	2.25%	0.00%	0.00%	0.00%	0.00%	46.22%	44.82%	0.00%	4.44%	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	2.09%	3.16%	0.17%	0.01%	0.00%	47.67%	43.66%	0.01%	2.87%	0.04%	0.00%	0.32%
Movements	0.47%	2.19%	0.13%	0.01%	0.00%	49.73%	44.78%	0.00%	2.38%	0.04%	0.00%	0.28%

Historic Reporting – Mode Utilisation Summary

Mode usage – September 2020 (Interactive reporting)

Select a page :

LTOP targets

Ops by direction

Runway usage

Hourly summary

Mode usage

PRM operations

34L departures

Noise sharing

Seasonal mode

Select a month :

Sep-20

Duration of mode use

Date	Curfew	16/34	SODPROPS	Mode 5: 16/25	Mode 7: 25/34	Mode 9: 34	Mode 10: 16	Mode 12: 07	Mode 13: 25	Mode 14a	Mode 15	Other
01/09/2020	07:00	00:05				05:55	10:59					
02/09/2020	07:00	00:15				16:29	00:16					
03/09/2020	07:00	00:17				16:43						
04/09/2020	07:00	00:28				16:32						
05/09/2020	07:00	00:21				05:21	11:17					
06/09/2020	07:00	01:43				15:17						
07/09/2020	07:00	00:10				16:50						
08/09/2020	07:00	00:19	02:28			14:12						
09/09/2020	07:00	00:13					16:47					
10/09/2020	07:00						17:00					
11/09/2020	07:00					19:38	04:26					
12/09/2020	07:00	00:34				16:21						
13/09/2020	07:00	00:09				15:03	01:47					
14/09/2020	07:00	00:28	03:01				13:30					
15/09/2020	07:00	00:29				14:02	02:28					
16/09/2020	07:00					16:27	00:32					
17/09/2020	07:00	00:06	02:07			07:27	07:19					
18/09/2020	07:00	00:04					16:56					
19/09/2020	07:00	00:03				16:57						
20/09/2020	07:00	00:03				16:57						
21/09/2020	07:00	00:21				16:39						
22/09/2020	07:00	00:07	02:37			12:07	02:08					
23/09/2020	07:00	00:13	04:41			11:13	00:52					
24/09/2020	07:00	00:19				16:41						
25/09/2020	07:00	00:17				16:43						
26/09/2020	07:00	00:19				16:41						
27/09/2020	07:00	00:16				04:18	12:25					
28/09/2020	07:00	00:09				10:15	06:35					
29/09/2020	07:00	00:27				05:24	11:08					
30/09/2020	07:00	00:07				16:53						
Total	210:00	08:22	14:56			357:11	136:30					

Mode utilisation summary

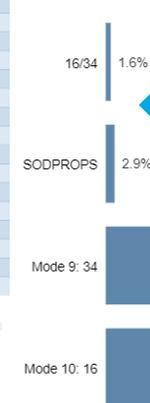
Days with a mode used in excess of 9 hours

29	21	8
Any mode	Mode 9	Mode 10

Days with SODPROPS used

5	5
At any time	6am &/or 10pm

Summary



This is the online format of the report

Cumulative mode utilisation for year to date

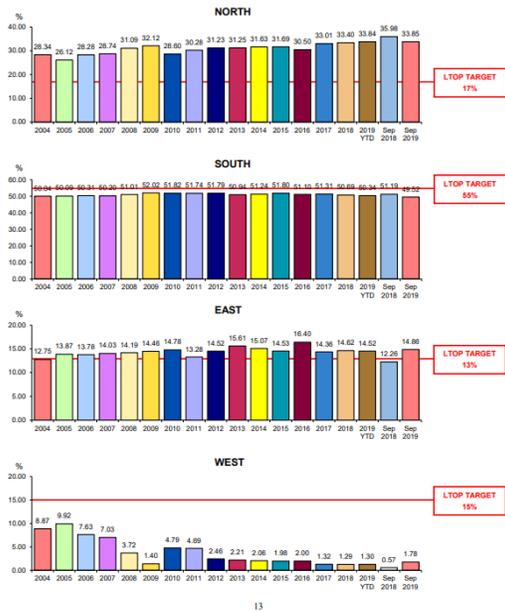
Cumulative Mode Usage Label	16/34	SODPROPS	Mode 5	Mode 7	Mode 9	Mode 10	Mode 12	Mode 13	Mode 14a
Movements	0.6%	3.4%	0.2%	0.0%	43.1%	52.2%	0.3%	0.1%	0.2%
Time	1.7%	11.5%	0.2%	0.0%	43.3%	42.5%	0.2%	0.3%	0.2%

Runway End Impact (section 11 of the report)

– click **LTOP targets** tab

Runway End Impact to 30 September 2019

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



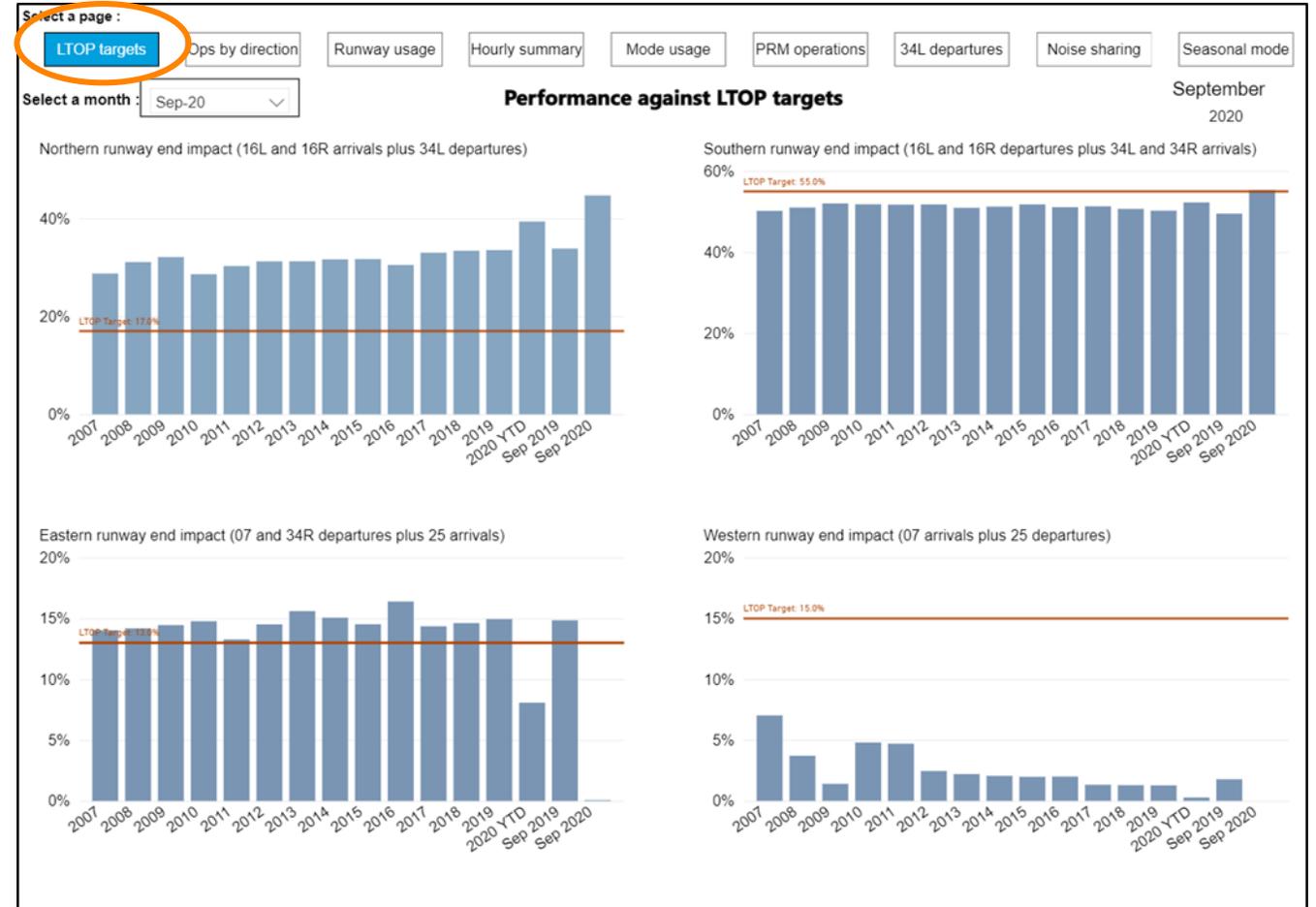
13

Historic Reporting – LTOP target reporting

This is the online format of the report



LTOP target reporting - 2020 (Interactive reporting)



Precision Runway Monitor (PRM) Statistics (section 13 of the report)

– click [PRM operations](#) tab

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

Date	PRM		Hours of PRM operation
	Start Time	End Time	
6/01/2016	06:57	09:40	2:43
7/01/2016	06:56	10:48	3:52
15/01/2016	06:52	10:20	3:28
22/01/2016	08:29	10:21	1:52
25/01/2016	06:52	08:00	1:08

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
6/01/2016	83	37	46
7/01/2016	124	55	69
15/01/2016	109	46	63
22/01/2016	66	30	36
25/01/2016	37	16	21

Historic Reporting – PRM operations usage

This is the online format of the report 

PRM operations usage – Feb 2020 (Interactive reporting)

Select a page :

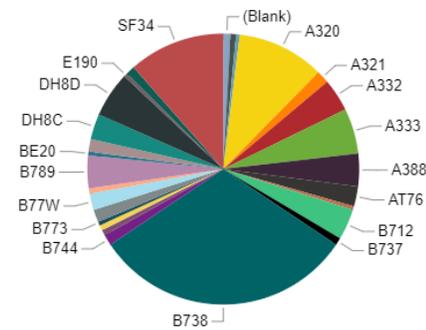
Select a month :

Runway 16 Precision Runway Monitor (PRM) operations

Date	Start Time	End Time	Duration
13/02/2020	07:02	09:17	02:15
04/02/2020	07:00	10:12	03:12
03/02/2020	07:00	10:50	03:50
17/02/2020	07:00	10:52	03:52

PRM arrivals by Aircraft type

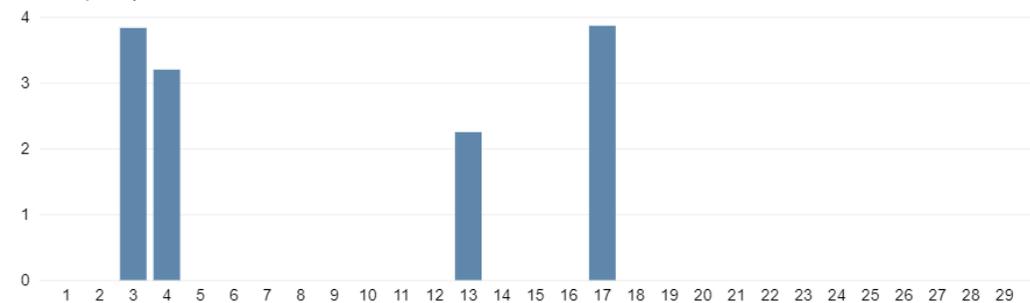
● (Blank) ● A20N ● A21N ● A320 ● A321 ● A332 ● A333 ● A388 ● AT76 ● B350 ▶



Number of flights

Date	16L	16R	Total
03/02/2020	63	71	134
04/02/2020	54	61	115
13/02/2020	34	39	73
17/02/2020	64	76	140
Total	215	247	462

Hours used per day



Noise Enquiry Service (section 14 of the report)

This information can be linked to here - <https://aircraftnoise.airservicesaustralia.com/2020/04/30/sydney-aircraft-noise-complaints-statistics/>

Or from the Aircraft in Your Neighbourhood Sydney home page under **What flight disturbed me**, clicking **Sydney complaints report**

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.

Historic report content

AIRCRAFT IN YOUR NEIGHBOURHOOD
LEARN ABOUT FLIGHT PATHS AND AIRCRAFT MOVEMENTS IN YOUR AREA
YOUR LOCATION Alexandria NSW 2015

What are the flight paths in my area

What is normal in my area?

How much variation should I expect in my area?

What rules apply?

What flight disturbed me?

Resources

What was that flight?
Use the WebTrak online tool to investigate specific flights of interest
[Read More](#)

Making an aircraft noise complaint
Find out how you can get in contact
[Read More](#)

Sydney complaints report
Aircraft noise complaints statistics. Access monthly complaint information
[Read More](#)

Sydney complaints report

Click on complaints to get more detail

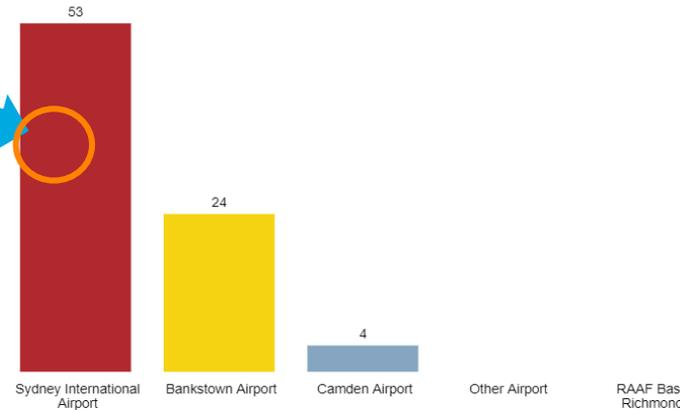
Select a page: **Complainants** Issues and Classifications

Select a month: Report Month

February 2021

Click on the airport bar and information in the table (far right) and pie chart (below) is updated accordingly

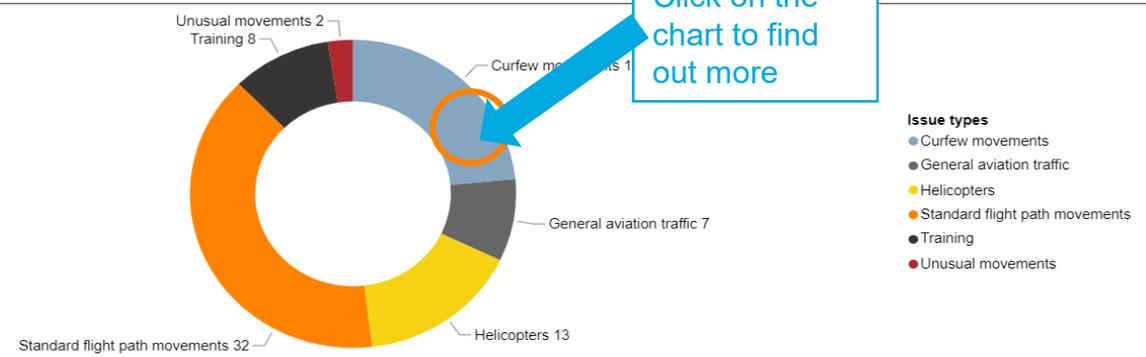
Number of complainants by airport



Suburb	Total Complainants	Last 12 months Avg. Complainants	Issues
Abbotsford	1	0	1
Balmain	1	0	1
Bankstown	1	0	1
Beacon Hill	1	0	1
Belmore	1	0	1
Blaxland	1	0	1
Botany	1	0	1
Camperdown	1	0	1
Centennial Park	1	0	1
Cromer	1	0	1
Cronulla	1	0	1
Double Bay	2	1	1
Drummoyne	1	1	1
Earlwood	1	0	1
Elanora Heights	1	0	1
Ellis Lane	2	0	2
Emu Plains	5	5	1

Click on the suburb to find out more

Click on the chart to find out more



Sydney complaints report

Select a page : [Complainants](#) [Issues and Classifications](#)

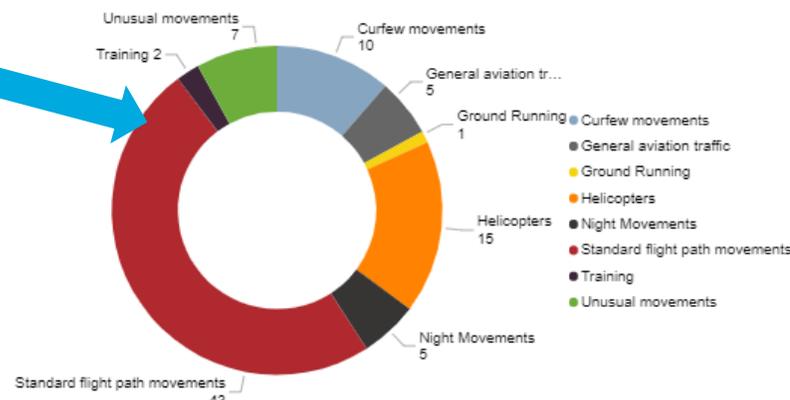
Select a month :

March 2021

Click on Issues and Classifications to get more detail

Issues

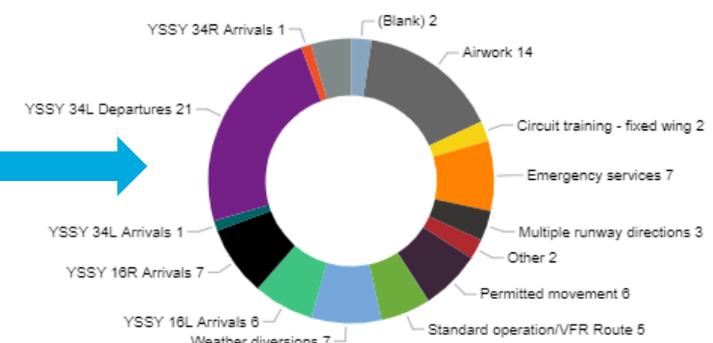
Click on the pie chart and information in the table and chart below is updated accordingly



Suburb	Total Complainants	Last 12 months Avg. Complainants	Issues
Allambie Heights	1	0	1
Annandale	2	0	1
Ashfield	1	1	1
Balmain	1	0	1
Baulkham Hills	1	0	1
Blaxland	2	2	1
Botany	1	1	1
Brighton-Le-Sands	1	0	1
Bundeena	1	1	1
Burwood Heights	1	0	1
Campsie	1	0	1
Canterbury	1	0	1
Caringbah South	1	0	1
Castlecrag	1	0	1
Cecil Hills	1	0	1
Cherrybrook	1	0	1
Concord West	1	0	1
Condell Park	2	1	1
Constitution Hill	1	0	1
Cronulla	1	0	1
Crowdon	1	0	1

Classifications

Click on the pie chart and information is updated accordingly



Flight Path Movements, Respite and N70 Values (sections 15 to 19 of the report)

This information can be linked to here - <http://myneighbourhood.emsbk.com/syd5/>

Or from the Aircraft in Your Neighbourhood Sydney home page under **What are the flight paths in my area**, clicking **Investigate flight path usage in your area**

AIRCRAFT IN YOUR NEIGHBOURHOOD
LEARN ABOUT FLIGHT PATHS AND AIRCRAFT MOVEMENTS IN YOUR AREA

airservices YOUR LOCATION

- What are the flight paths in my area
- What is normal in my area?
- How much variation should I expect in my area?
- What rules apply?
- What flight disturbed me?
- Resources

Impact of COVID-19 on aircraft operations at Sydney Airport
Find out about temporary changes that may affect when aircraft fly.
[Read More](#)

Investigate flight path usage in your area
Learn what information is available from WebTrak My Neighbourhood.
[Read More](#)

Sydney Airport Runways
Learn about the runways and how they are used.
[Read More](#)

Sydney Airport flight paths
How do flight paths at Sydney Airport work?
[Read More](#)

When is each flight path used?
The relationship between the wind, the runway, and flight paths.
[Read More](#)

Sydney Airport flight paths over the inner suburbs
Understand flight paths over the inner suburbs of Sydney.
[Read More](#)

Jet Aircraft Movement and Respite Explanation and further information (section 17 and 18 of the report)

The image shows a screenshot of a web-based interface for tracking jet aircraft movements and respite. The main map displays Sydney, Australia, with various flight paths and data points. Several callouts provide detailed information for specific flight paths and times.

Callouts and Annotations:

- Hover your mouse over the bar graph to see movements and respite information:** Points to a bar graph for flight path NW-D-J (753).
- Click for detailed information:** Points to a callout for flight path NW-D-J (753) showing 26% respite.
- Click on swathe to turn flight path off/on again:** Points to a swathe on the map.
- Click on arrival or departure swathe and total arrivals/departures are shown:** Points to a swathe for flight path S-A (749).
- Select Arrivals or Departures:** Points to a dropdown menu at the bottom left.
- Select Weekday/weekend:** Points to a dropdown menu at the bottom left.
- Select time of day:** Points to a dropdown menu at the bottom right.
- Change time period between months, quarters or years:** Points to a dropdown menu at the bottom right.

Data Callouts:

- NW-D-J (753):** Departures: 1440, Hours with no movements: 357 (49.6%), 26% respite.
- NE-D:** Departures: 690, Hours with no movements: 8525 (97.3%), 1% respite.
- SE-D-NJ:** Departures: 529, Hours with no movements: 8453 (96.5%), 1% respite.
- N-A (748):** Arrivals: 293, Hours with no movements: 586 (81.4%), 5% respite.
- N-A-R (746):** Arrivals: 320, Hours with no movements: 600 (83.3%), 5% respite.
- S-A (749):** Arrivals: 38, Hours with no movements: 686 (95.3%), 5% respite.
- SE-D-NJ (761):** Departures: 10, Hours with no movements: 712 (98.9%), 0% respite.
- NW-D-NJ (756):** Departures: 257, Hours with no movements: 560 (77.8%), 2% respite.
- SW-D-NJ (757):** Departures: 104, Hours with no movements: 655 (91%), 2% respite.
- S-D-J (759):** Departures: 104, Hours with no movements: 655 (91%), 2% respite.
- S-A-R (745):** Arrivals: 531, Hours with no movements: 408 (56.7%), 29% respite.
- SE-D (760):** Departures: 19, Hours with no movements: 709 (98.5%), 0% respite.

Details for 12PM: Movements for busiest hour: 2, Average hourly movements (for used hours): 1.4, Hours with no movements: 351 of 365 (96%).

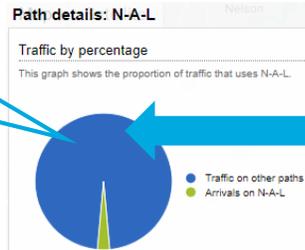
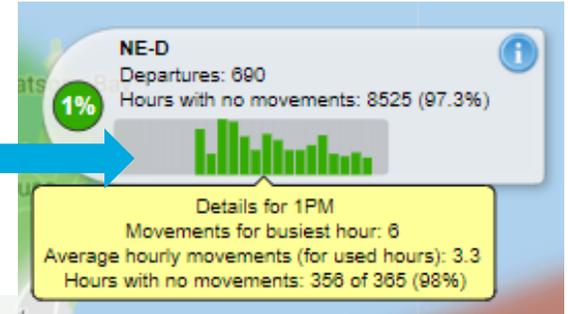
Map Controls: Map/Satellite, Display Data For (Months, Quarters, Years), Operations (checkboxes), Day Type (checkboxes), Time (checkboxes).

Jet Aircraft Movement and Respite Explanation - further information (section 17 and 18 of the report)

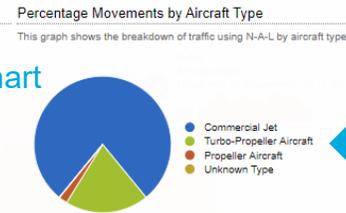


By clicking the 'i' additional information is made available including content which was previously not available, i.e. jet, non jet and other aircraft types

Clicking bars reveals movements in the hour as well as further respite information

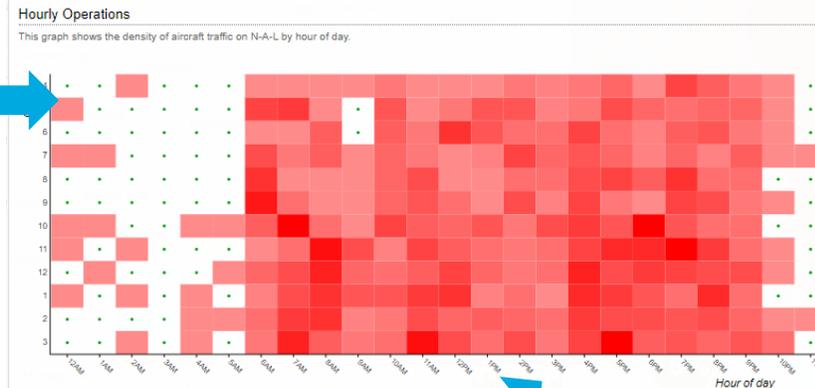


Hover your mouse over the pie chart to see % using the flight path

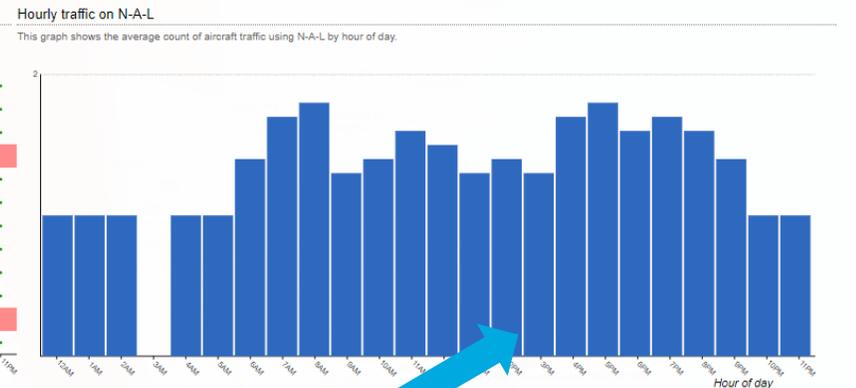


Hover your mouse over the pie chart to see % and type of movements

Hover your mouse over the plot to see density of movements per hour, blank spaces show respite. Clicking a block provides detailed information for that hour, i.e. average movements for that hour

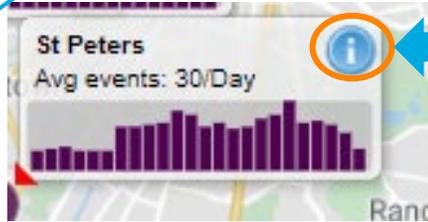


Time of day



Hover your mouse over the plot to see number of movements per hour

Noise monitor additional information



By clicking the 'i' additional information on the noise monitor tabs provides additional content which was previously not available in PDF reporting

Each graph has a description of the content

NMT Details: St Peters Merrylands Silverwater 1:34

Noise monitoring terminals (NMTs) are positioned around the airport and the airport community to collect information about the noise levels at those locations. The information below relates to your chosen NMT.

Hourly distribution by event level

This graph shows how events are distributed by dB level.

Hourly Events

This graph shows average distribution of events by hour of day.

Aircraft Event Levels

This table shows the top 15 aircraft types by event count and level.

Aircraft Type	Average Event Level	Event Counts			
		Total	Max/day	Min/day	Avg/day
A333	75.2	221	14	3	7.4
A332	74.5	220	16	3	7.3
B738	74.3	1135	90	1	37.8
A321	74.3	55	5	1	1.8
DH8B	74	72	8	1	2.4
A320	73.6	564	43	1	18.8
B744	73.4	122	7	1	4.1
DH8C	73.4	119	11	1	4
B789	72.8	124	9	1	4.1
A388	71.5	170	10	2	5.7
B712	71.3	74	7	1	2.5
AT76	71.2	102	11	2	3.4
B77W	70.9	122	9	1	4.1
SF34	70.7	267	27	1	8.9
DH8D	70.6	205	17	1	6.8

Hourly events

This graph shows event count by hour of day.

Shows aircraft type and noise levels recorded at the monitor

Hover your mouse over the plot to see noise events per hour

Historic Reporting (previous hard copy reports)

- On any of [Sydney Airport operational statistics](#) pages select **Archived Sydney Airport Operational Statistics Reports**

Sydney Airport operational statistics

Use our interactive tool, below, to explore monthly statistics about Sydney Airport.

We recommend you view this tool in full screen mode.

Select a page: **LTOP targets** | Ops by direction | Runway usage | Hourly summary | Mode usage | PFM operations | 34L departures | Noise sharing | Seasonal mode

Select a month: Report Month

Performance against LTOP targets

March 2021

Northern runway end impact (16L and 16R arrivals plus 34L departures)

Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)

Eastern runway end impact (07 and 34R departures plus 25 arrivals)

Western runway end impact (07 arrivals plus 25 departures)

To access older reports visit our [Archived Sydney Airport Operational Statistics Reports](#) page.

← Previous

← Back

Select View full screen

View full screen

Click to see historical PDF reports available (2008-2019)

AUSTRALIAN NOISE EXPOSURE INDEX REPORTING

SYDNEY AIRPORT AUSTRALIAN NOISE EXPOSURE INDEX (ANEI) REPORTING

CLICK THE LINK OR COPY THE LINK BELOW INTO YOUR WEB BROWSER



— [Syd ANEI Contours](#)

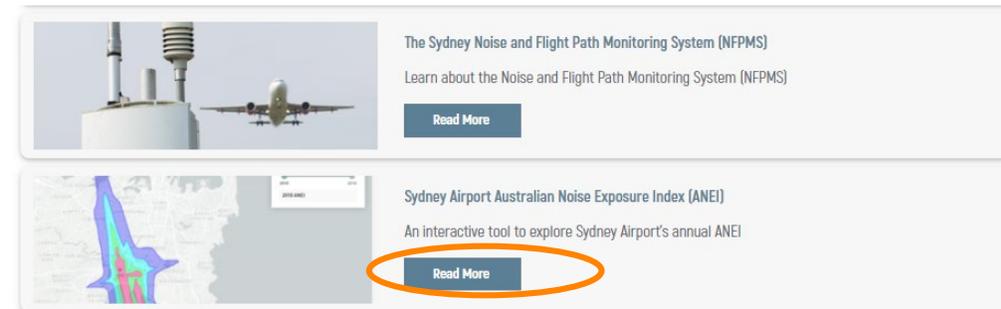
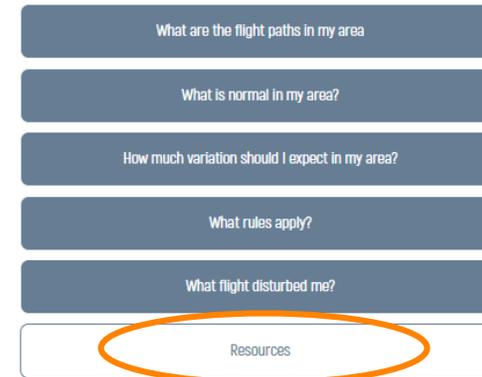
Or paste the link below into your web browser



— <https://aircraftnoise.airservicesaustralia.com/2020/04/30/sydney-airport-australian-noise-exposure-index-anei/>

To find ANEIs from the Aircraft in Your Neighbourhood home page

From the Aircraft in Your Neighbourhood Sydney home page click **Resources** and then select **Sydney Airport Australian Noise Exposure Index**



Sydney Airport ANEI Reporting

From the Aircraft in Your Neighbourhood Sydney home page click **Resources** and then select **Sydney Airport Australian Noise Exposure Index**

What are the flight paths in my area

What is normal in my area?

How much variation should I expect in my area?

What rules apply?

What flight disturbed me?

Resources

The Resources tab includes information about SACF, noise improvement investigations, our Noise and Flight Path Monitoring System (NFPMS) and the ANEI for Sydney Airport



The Sydney Noise and Flight Path Monitoring System (NFPMS)

Learn about the Noise and Flight Path Monitoring System (NFPMS)

Read More



Sydney Airport Australian Noise Exposure Index (ANEI)

An interactive tool to explore Sydney Airport's annual ANEI

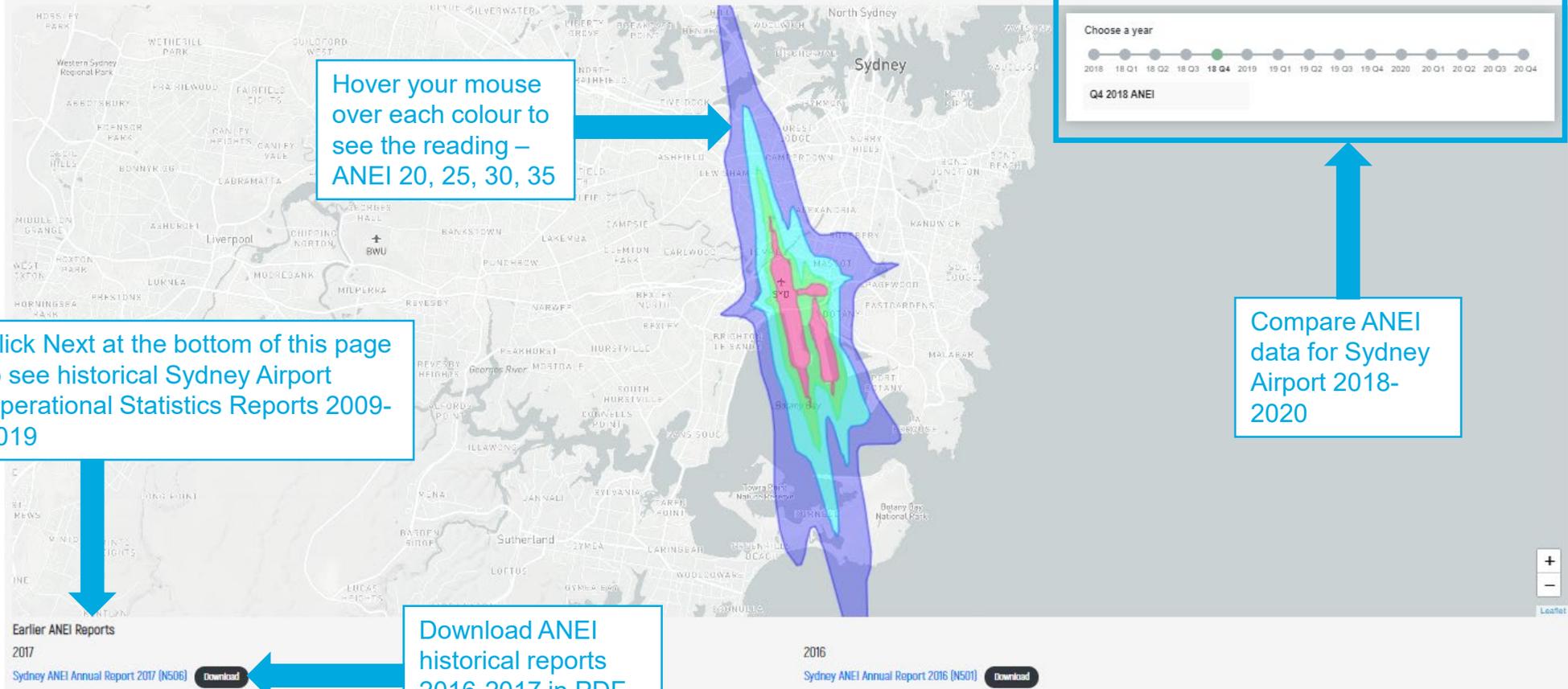
Read More

Sydney Airport ANEI Reporting

Sydney Airport Australian Noise Exposure Index (ANEI)

We are responsible for developing Australian Noise Exposure Index (ANEI) contours for Sydney Airport. ANEI contours are based on historical data and show the average daily aircraft noise exposure over the specified period.

The ANEIs for 1 January 2018 to 31 December 2020 are shown below.



NOISE MONITORING

SYDNEY AIRPORT NOISE MONITORING (WEBTRAK) REPORTING

CLICK THE LINK OR COPY THE LINK BELOW INTO YOUR WEB BROWSER

 — [Syd WebTrak](#)

— Or paste the link below into your web browser

 — <https://webtrak.emsbk.com/syd3>

Noise monitor and flight tracking - accessed through <https://webtrak.emsbk.com/syd3>

The screenshot displays the Sydney Airport WebTrak interface. The main map shows flight paths and aircraft positions around Sydney. A sidebar on the left contains navigation and control panels. A weather panel is visible in the bottom right corner.

Callout 1: This section provides explanations on how to use the tool (pointing to the Quick Start Guide).

Callout 2: Click on aircraft to get more detail (pointing to an aircraft icon on the map).

Callout 3: Click on Noise Monitor Terminals (NMTs) for more information (pointing to a red star icon on the map).

Callout 4: Select from the options below: Historical or Current Flights (pointing to the 'Historical' mode button).

Callout 5: Select date and time for flights (pointing to the date and time selection fields).

Callout 6: Weather information for chosen time period (pointing to the weather panel).

Weather Panel Data:

Observation Time	9:30 AM
Temperature	19 °C
Pressure	1027 hPa
Relative Humidity	68%
Dew Point	13 °C
Visibility	7 km