

RAAF Townsville NFPMS Report: August 2025

This page displays aircraft noise and flying activity data collected from the Defence NFPMS for RAAF Base Townsville.

Air Traffic by Category: All Flights

This table shows the breakdown of traffic by aircraft category.

Aircraft Category	Movements	% of total
Military Fast Jets	6	0.13%
Military Other Jets	18	0.38%
Military Turboprops	42	0.89%
Military Helicopters*	160	3.39%
Civil Jets	1294	27.45%
Civil Props	2263	48.01%
Civil Helicopters	931	19.75%

*Military helicopter counts limited availability without military radar data

Runway Use

This table shows runway use by aircraft category.

Aircraft Category	Rwy 01	Rwy 07	Rwy 19	Rwy 25
Civilian	61%	8%	30%	1%
Military	77%	0%	23%	0%

Movements by Hour and Category: All Flights

This table shows the aircraft movements by hour of day and operator category.

Aircraft Category	Hour of Day																							
	12am	1am	2am	3am	4am	5am	6am	7am	8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm	6pm	7pm	8pm	9pm	10pm	11pm
Military	0	0	0	0	0	0	1	0	2	9	11	25	20	18	22	25	10	16	26	8	15	8	8	2
Civilian	30	20	13	8	2	7	140	289	454	401	329	361	318	292	333	385	302	188	129	122	128	110	81	46

Movements by Day and Category: All Flights

This table shows the aircraft movements by day and operator category.

Aircraft Category	Day of Month																														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Military	7	1	3	4	8	7	7	4	2	1	16	14	12	11	6	4	0	9	8	11	13	1	22	1	13	14	13	7	0	3	4
Civilian	154	77	81	161	189	179	191	176	71	83	182	162	181	169	169	109	95	179	163	201	167	160	74	97	164	176	191	165	155	79	88

Total Events by Day

This table shows the count of daily noise events at each Noise Monitoring Terminal.

Noise Monitor	Day of Month																														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Bushland Beach	3	0	0	1	5	0	2	2	0	0	3	4	3	4	0	0	2	2	1	4	3	0	0	1	3	3	3	1	4	0	0
Gulliver	8	19	18	5	13	18	33	11	13	13	16	28	23	18	21	12	5	14	16	25	20	15	9	3	13	13	6	6	27	11	8
Mt Louisa	10	14	11	9	14	23	24	19	8	9	35	36	31	29	29	9	3	18	24	28	24	13	7	0	16	14	22	5	31	12	5
North RWY 19	87	37	39	84	79	71	83	69	32	34	77	74	78	77	91	51	46	81	90	92	77	74	72	46	80	88	110	85	72	39	42
Pallarenda	18	2	3	28	20	21	17	15	9	1	16	9	12	10	22	10	7	23	17	10	21	18	12	11	16	22	21	20	15	6	2
South RWY 01	51	42	47	60	78	80	86	68	42	54	84	94	77	84	85	52	50	83	84	98	90	73	51	44	89	70	73	66	74	48	61
Thuringowa	34	7	14	38	48	46	45	42	16	32	44	34	45	43	35	28	26	39	45	54	44	42	19	29	43	48	47	41	33	13	26

Operator Category	
Military	Civil
5	49
20	440
73	459
57	2100
12	422
95	2043
15	1085

N70 Events by Day

This table shows the count of daily noise events exceeding 70 dB(A) at each Noise Monitoring Terminal.

Noise Monitor	Day of Month																														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Bushland Beach	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
Gulliver	3	1	7	1	0	1	7	0	0	0	2	3	2	2	3	2	0	0	1	1	1	1	4	1	1	2	0	1	4	0	0
Mt Louisa	9	12	10	4	11	17	16	17	7	7	26	31	19	25	20	6	3	13	20	21	18	7	6	0	15	11	13	4	19	9	5
North RWY 19	68	29	32	57	64	61	59	52	24	29	66	65	58	58	59	38	34	59	56	75	56	60	38	29	55	65	72	58	50	32	31
Pallarenda	1	0	1	2	2	1	0	0	2	0	2	0	0	0	3	1	0	0	2	0	3	2	1	0	1	2	1	2	0	0	1
South RWY 01	49	34	32	50	70	73	71	62	35	50	73	74	70	77	73	43	37	72	75	89	82	67	39	38	78	60	62	54	62	35	50
Thuringowa	23	6	11	25	28	26	32	27	13	26	32	19	28	32	26	19	19	26	28	37	26	25	12	18	27	27	28	25	19	9	22

Operator Category	
Military	Civil
3	2
7	44
50	351
39	1550
6	24
72	1764
10	711

N85 Events by Day

This table shows the count of daily noise events exceeding 85 dB(A) at each Noise Monitoring Terminal.

Noise Monitor	Day of Month																															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Bushland Beach	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gulliver	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
Mt Louisa	0	0	0	0	0	0	1	2	0	0	1	1	0	1	1	1	0	1	0	1	0	0	0	0	0	1	0	0	0	1	0	0
North RWY 19	10	0	1	11	8	7	11	5	2	5	7	4	4	8	7	7	6	8	5	14	10	10	6	7	7	10	11	15	8	2	8	
Pallarenda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
South RWY 01	32	5	11	36	39	49	44	37	18	28	45	30	43	42	37	25	25	33	40	47	46	39	27	28	43	46	47	43	33	8	27	
Thuringowa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Operator Category	
Military	Civil
0	0
2	2
0	13
14	210
1	0
44	1009
0	0