

RAAF Townsville NFPMS Report: August 2026

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	2	0.04%
Military Other Jets	8	0.17%
Military Turboprops	80	1.69%
Military Helicopters*	212	4.47%
Civil Jets	1204	25.38%
Civil Props	2322	48.96%
Civil Helicopters	915	19.29%

*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
Military	74%	7%	18%	1%
Civilian	60%	10%	28%	2%

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	0	1	8	13	8	29	24	27	27	23	18	24	32	18	27	11	9	3
Civilian	24	26	12	12	3	5	139	307	417	398	348	384	303	250	345	371	304	203	181	118	107	123	29	32

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	4	2	11	16	19	18	4	0	6	16	21	18	15	4	4	8	5	7	7	14	8	3	0	15	18	22	19	2	0	2	14
Civilian	68	86	186	182	181	188	164	87	70	169	171	163	174	172	75	90	152	162	177	200	183	68	75	164	176	162	198	158	86	88	166

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	1	0	1	3	4	4	3	1	1	2	1	2	1	0	1	0	1	2	2	2	1	2	0	5	4	2	3	1	0	0	0
Gulliver	10	15	27	28	26	18	16	7	7	9	10	12	33	46	23	27	54	44	53	61	47	27	24	43	45	42	53	36	26	15	48
Mt Louisa	6	8	20	29	36	29	19	9	6	12	13	16	42	35	33	27	33	41	50	33	37	16	18	29	48	55	64	37	25	23	64
North RWY 19	31	33	97	111	100	108	96	48	36	127	156	140	104	94	49	48	76	99	116	126	110	26	33	84	109	133	140	108	40	34	89
Pallarenda	2	2	9	14	23	18	13	6	7	22	29	29	17	11	8	4	8	14	12	10	16	4	5	15	17	18	7	0	0	0	0
South RWY 01	34	55	87	90	95	92	74	61	53	87	84	100	106	85	49	51	72	76	90	88	96	47	43	93	86	86	95	79	50	41	83
Thuringowa	19	26	46	37	31	42	37	18	27	37	38	47	61	79	32	66	91	79	92	80	88	38	47	97	81	68	83	81	39	56	92

Operator Category	
Military	Civil
14	36
74	858
209	704
100	2601
7	333
188	2140
52	1703

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	0	0	0	2	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
Gulliver	1	1	4	7	4	2	1	2	1	3	1	2	3	3	3	5	5	1	3	4	3	3	0	2	6	4	6	8	5	4	4
Mt Louisa	5	7	12	23	28	27	14	7	6	10	12	12	30	24	28	14	24	28	38	29	27	11	11	19	36	37	50	26	18	12	35
North RWY 19	25	27	72	66	57	72	64	22	29	63	99	89	75	70	32	34	58	82	75	99	76	21	29	59	80	92	105	81	33	30	65
Pallarenda	1	0	0	1	1	2	0	1	0	0	1	3	1	2	0	0	0	2	0	1	1	1	0	0	1	0	0	0	0	0	0
South RWY 01	30	47	68	76	84	81	64	49	42	61	56	75	83	67	41	45	65	63	76	76	83	32	38	71	69	65	77	54	32	39	68
Thuringowa	17	20	37	25	21	29	26	15	20	23	24	25	39	47	25	49	64	58	68	63	59	27	41	59	54	40	46	45	33	47	64

Operator Category	
Military	Civil
6	1
11	90
152	508
60	1821
3	16
134	1743
37	1173

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Mt Louisa	0	0	0	1	1	0	0	0	0	2	1	1	1	0	0	0	0	1	3	2	0	0	0	0	1	4	1	0	0	0	0	0
North RWY 19	1	1	1	1	0	3	2	0	1	8	4	5	4	3	3	4	6	2	3	4	4	3	2	4	2	4	2	3	2	5	2	
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	0	0	0	0	0	0	
South RWY 01	21	28	43	44	41	45	37	19	29	46	43	55	46	41	18	33	42	37	45	46	43	20	28	36	35	33	39	34	19	29	41	
Thuringowa	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	0	0	0	0	0	

Operator Category	
Military	Civil
0	0
0	0
14	5
11	78
0	0
74	1042
1	0