

RAAF Darwin NFPMS Report: May 2025

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

Air Traffic by Category: All Flights

This table shows the breakdown of trafficc by aircraft category.

| Aircraft Category | Movements | % of total |
|-----------------------|-----------|------------|
| Military Fast Jets | 14 | 0.21% |
| Military Other Jets | 125 | 1.90% |
| Military Turboprops | 84 | 1.28% |
| Military Helicopters* | 4 | 0.06% |
| Civil Jets | 1743 | 26.52% |
| Civil Props | 4448 | 67.67% |
| Civil Helicopters | 155 | 2.36% |

*Military helicopter counts limited availability without military radar data

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 | 4 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 8 | 9 | 16 | 22 | 9 | 14 | 31 | 15 | 16 | 16 | 26 | 10 | 16 | 2 | 6 | 4 |
| Civilian | 148 | 180 | 94 | 25 | 17 | 44 | 183 | 395 | 517 | 367 | 430 | 498 | 426 | 433 | 483 | 536 | 469 | 500 | 217 | 142 | 108 | 54 | 32 | 48 |

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 | 13 | 1 | 5 | 2 | 10 | 16 | 10 | 2 | 3 | 10 | 5 | 14 | 8 | 7 | 9 | 3 | 4 | 3 | 9 | 12 | 12 | 7 | 11 | 8 | 10 | 9 | 8 | 4 | 4 | 4 | 4 |
| Civilian | 241 | 252 | 121 | 116 | 167 | 240 | 260 | 272 | 242 | 141 | 109 | 252 | 234 | 220 | 229 | 239 | 121 | 114 | 244 | 229 | 217 | 238 | 245 | 134 | 123 | 243 | 225 | 221 | 264 | 249 | 144 |

Total Events by Hour of Day (all Noise Monitoring Terminals): All Flights

This table shows the count of aircraft noise events distributed by hour of day at each noise terminal.

| Noise Monitor | 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 |
| RWY 11 West | 131 | 122 | 38 | 11 | 13 | 12 | 61 | 72 | 99 | 207 | 315 | 344 | 269 | 295 | 301 | 337 | 356 | 384 | 188 | 111 | 91 | 42 | 19 | 32 |
| RWY 29 East | 56 | 101 | 77 | 14 | 7 | 34 | 162 | 308 | 357 | 173 | 173 | 244 | 213 | 204 | 268 | 230 | 138 | 120 | 58 | 99 | 75 | 19 | 22 | 23 |

| Operator Category | |
|-------------------|-------|
| Military | Civil |
| 161 | 3689 |
| 117 | 3058 |