

RAAF Darwin NFPMS Report: October 2024

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 traffic by aircraft category.

| Aircraft Category | Movements | % of total |
|-----------------------|-----------|------------|
| Military Fast Jets | 2 | 0.11% |
| Military Other Jets | 24 | 1.27% |
| Military Turboprops | 30 | 1.59% |
| Military Helicopters* | 1 | 0.05% |
| Civil Jets | 495 | 26.26% |
| Civil Props | 1281 | 67.96% |
| Civil Helicopters | 52 | 2.76% |

*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 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 7 | 4 | 7 | 6 | 2 | 4 | 3 | 8 | 3 | 6 | 1 | 0 | 4 | 0 | 1 | 0 |
| Civilian | 46 | 36 | 11 | 5 | 7 | 14 | 55 | 128 | 175 | 100 | 102 | 155 | 131 | 110 | 145 | 148 | 160 | 126 | 59 | 25 | 27 | 24 | 9 | 30 |

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 | 6 | 3 | 4 | 8 | 7 | 6 | 9 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 2 | 3 |
| Civilian | 186 | 192 | 175 | 182 | 101 | 99 | 196 | 177 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 166 | 184 | 170 |

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 29 East | 4 | 9 | 6 | 2 | 1 | 10 | 28 | 35 | 62 | 16 | 27 | 36 | 17 | 7 | 10 | 8 | 13 | 10 | 7 | 13 | 2 | 2 | 1 | 2 |

| Operator Category | |
|-------------------|-------|
| Military | Civil |
| 12 | 316 |

Note: the NFPMS experienced a data outage between 8/10/24 and 29/10/24. The flight data that feeds the NFPMS was not available during this time