

BNE Runway — About this website

BNE Runway is a public information site for Brisbane Airport (ICAO: YBBN). It summarises how the runways are being used and lists individual aircraft movements in each half-hour period.

Home and BNE pages

The site opens on a home page titled “Runway - Flight Movements”, with the same Menu control used throughout the site. Choose BNE from the menu to open the flight movements page.

The BNE page has two panels that work together:

- Periods (left) — each row is one 30-minute logging window. It shows the period end time, wind, ATIS runway mode, and how many arrivals and departures were counted on the west and east runways.
- Flights (right) — when you select a period, this panel lists the individual flights recorded in that same half-hour window.

How the periods and flights are linked

Every period has an end time (for example 15/10/2026 10:30:02). All flights shown for that period belong to the window that closed at that time — from the previous period end up to and including this one. Selecting a period is therefore a drill-down: one summary row opens many flight rows.

Runways at Brisbane

Brisbane has two parallel runways. On this site they are labelled:

- West (W) — physical runway 01L / 19R
- East (E) — physical runway 01R / 19L

Direction shorthand used in the period summary:

- LN / TN — landing / take-off northerly (using 01...)
- LS / TS — landing / take-off southerly (using 19...)

On each flight row, E dep / E arr / W dep / W arr show which runway and role (departure or arrival) was assigned for that movement.

Runway Modes

The Mode value on each period (and on the Visual page) is derived from the published YBBN ATIS runway statement. Common modes are:

- Northerly — both runways are used in the 01 direction (landing and taking off toward the north: west on 01L, east on 01R).
- Northerly (independent parallel) — same northerly (01) direction, with independent parallel approaches/departures in progress (both runways can be used at the same time).
- Southerly — both runways are used in the 19 direction (landing and taking off toward the south: west on 19R, east on 19L).
- Southerly (independent parallel) — same southerly (19) direction, with independent parallel operations.
- Northerly (single ...) / Southerly (single ...) — only one nominated runway is in use (for example a single 01L or 19R duty runway).
- Split — arrival and departure roles are assigned to different runways or ends (for example arrivals on one runway and departures on the other), rather than both runways sharing the same arrivals-and-departures direction.
- SODPROPS — Simultaneous Opposite Direction Parallel Runway Operations: traffic lands one way on one runway while departing the opposite way on the other (typically land 19R / depart 01R).
- Mixed — ATIS nominates a mix of 01 and 19 runway ends that does not fit a single clear northerly or southerly parallel pattern.
- Reciprocal — ATIS indicates reciprocal / opposite-direction runway operations (RRO).

Unknown — the ATIS runway text could not be classified into one of the modes above.

Where the data comes from

- Wind prefers Bureau of Meteorology observations for Brisbane Airport.
- Runway mode and ATIS runway text come from published YBBN ATIS (arrival/departure information).
- Arrival and departure counts, and the flight list, come from ADS-B samples taken near the airport about every two minutes, then rolled up every 30 minutes.
- Aircraft type and registered owner are looked up from free public aircraft registries using the aircraft's Mode S hex code when available.

Understanding a flight row

Time — when the movement was recorded in the sampling window.

Callsign — the flight identifier heard on ADS-B (for example QFA621 or VOZ314).

Carrier — airline name inferred from the callsign prefix (for example VOZ → Virgin Australia).

Type / owner — airframe manufacturer/model and registered operator when known.

Runway flags — which side (east/west) and whether arrival or departure.

Week selector

Use the Week control to view the current week or an earlier archived week. Data is published as static snapshots, so the page updates after each successful 30-minute logging run.

Visual menu

Open Menu › Visual to open runway diagrams. The Visual menu expands into four views:

- 30 minutes — diagram for the period selected on the BNE page.
- Daily — traffic summed for one calendar day.
- Weekly — traffic summed for one published week.
- Monthly — traffic summed for one calendar month.

Daily, Weekly, and Monthly are always available. The 30 minutes option appears only after you have selected a period on the BNE page.

Visual — 30 minutes

Shows a single half-hour window for the period you selected. The diagram includes:

- West and east runways with arrival (green) and departure (amber) arrows in the direction matching that period's runway configuration (01 / northerly or 19 / southerly).
- Count badges on each arrow — how many arrivals and departures were recorded on that runway in the half hour.
- Wind compass in the centre — wind from direction and speed (km/h), with an arrow pointing downwind.
- Temperature and weather conditions from the Bureau of Meteorology (shown under the compass when available).
- Chips at the top for ATIS mode, ATIS runway text, and a summary such as "30 minute · 1 period · N movements".

Visual — Daily, Weekly, and Monthly

These pages use the same runway layout but aggregate many 30-minute periods. Use the Range dropdown to choose which day, week, or month to view.

Because runway configuration can change during a longer range, movements are split by direction for each period's own ops:

- 01 / northerly — arrivals from the south, departures to the north (landing and taking off on 01...).
- 19 / southerly — arrivals from the north, departures to the south (landing and taking off on 19...).

Each runway shows both configurations: left-side arrows for 01 ops and right-side arrows for 19 ops, with separate counts. A centre summary gives airport-wide totals (Arr from N / S and Dep to N / S).

Chips explain how many half-hour periods ran northerly vs southerly, the direction totals, and a line such as “16/10/2026 (daily) · N periods · M movements”. Labels under each runway such as “East: 01 25p · 19 3p” mean that runway had 25 half-hour periods on 01 ops and 3 on 19 ops.

Wind, temperature, and weather are not shown on Daily, Weekly, or Monthly visuals — those belong to a single observation time and are only on the 30-minute view.

Important notes

This site is an operational overview built from public and community aviation data feeds. It is not an official Airservices Australia or Brisbane Airport product, and it must not be used for flight planning or navigation.

Counts and flight lists can be incomplete when ADS-B coverage is poor, when an aircraft does not broadcast a useful callsign, or when a registry lookup has no match for that airframe.

BNE Runway — YBBN half-hourly runway and traffic view, with daily / weekly / monthly visuals