Dongara West Satellite Station

29º 03' South, 114,9º East

Location & Capabilities
The Dongara West Satellite Station is located in Western Australia—29.2º south of the equator, 250 meters above sea level and approximately 400 kilometers northwest of Perth. From this advantageous position, Dongara West provides orbit raising and daily pass support to both polar and low-earth orbiter (LEO) missions. The site’s support capabilities also include: geostationary (GEO) orbit raising operations, first acquisition of the launch vehicle and spacecraft telemetry at orbit insertion/deployment. Dongara West is part of PriorNet’s GEO orbit raising network which also includes the Santiago Satellite Station and the South Point Hawaii Satellite Station.

Antennas & Basebands
The Dongara West Satellite Station is owned, operated and maintained by SSC’s US-based subsidiary, Universal Space Network (“USN”). USN functions under a US Government Special Security Agreement (SSA) and primarily serves US-Government and commercial customers.

Dongara West offers three independent antennas with capabilities for Telemetry Tracking & Command (TT&C) and Data Downlink services that support multiple frequency bands including, S-Band (up and down), X-Band (up and down), Ka-Band (up and down) and Ku-Band (up and down). The ground station includes an operational building which houses system electronics and data processing equipment. Space is also available on site to host customer-owned antenna equipment.

Climate
Dongara West is situated in the Yatharraga district of Western Australia. The temperature is
generally warm averaging 27–29°C with a variation of +/-3°C year-round. Summers are warm, but not hot. Rainfall ranges from 6 or 7 mm per month from Nov through Feb to 70 or 80 mm per month from May through August.

**Contact**

For additional information or inquiries about the Dongara West Satellite Station please contact Universal Space Network:

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