

Base Station Fiji Meteorological Service Headquarters.

The Absolute Reference Point (ARP) is located on the Fiji Meteorological Services (FMS) Office rooftop in Nadi. It was also used as the first base station point (BSP). It was chosen as the location of the ARP because it was secured hence it wouldn't be disturbed during the 46 hours' observation time.

The position of the ARP the in AUSPOS Online GPS Processing Report is:

Lat: -17-45 -36.3367

Long: 177 26 39.4563

Height: 87.044 above Ellipsoid and 29.300 above Geoid.

The base station position is marked by an intersection of 2 lines running across each other on the FMS rooftop. The base station was used in fast static mode for post survey correction applied got RIPS survey. A 12V battery was used to power the Base Station during the 24hours observation time.

