BSRN STATION DESCRIPTION

STATION MANAGER

Atmospheric Environment Division, Japan Meteorological Agency (JMA)

Address: 1-3-4 Otemachi, Chiyoda-ku, Tokyo 100-8122, Japan

Tel : +81-3-3212-8341 (ext. 4136) FAX : +81-3-3211-4640 E-mail : <u>rrc-jma@met.kishou.go.jp</u>

STATION LOCATION

Latitude : 24° 17.3' (24.2883 deg.) N Longitude: 153° 59.0' (153.9833 deg.) E Elevation : 7.1 m (MSL) Local Time: GMT + 09 Topography Type: 1 (flat, urban) Surface Type : 7 (water (ocean)) Address : Minamitorishima, Ogasawara-mura, Tokyo, Japan



BSRN SITE DESCRIPTION

SITE DESCRIPTION



Instrument s are installed at the rooftop of Minamitorishima meteorological observatory.

CLIMATE

Köppen climate classification Aw. (Tropical wet and dry (savanna) climate)



DESCRIPTIVE MAP OF SURROUNDING 1 KM RADIUS







BSRN STATION VIEWS



BSRN STATION VIEWS

VIEW5



DESCRIPTION

Propeller Vane and Trestle View

Azimuth 300 degrees Inclination 18 degrees

The propeller vane and its trestle do not obstruct direct beam through the year.

VIEW6



DESCRIPTION

Northern View

Azimuth 360 degrees Inclination ~5 degrees

The antenna in NNW direction does not obstruct direct beam through the year.

COMMENT ON THE SITE

Additional observation programs:

- (a) GCOS Upper Air Network (GUAN): upper-air observation
- (b) GCOS Surface Network (GSN): surface observation
- (c) WMO-GAW programme: ozone observation by the Brewer spectrophotometer

AOD observation by PFR sunphotometer

atmospheric background pollution observation

(i.e. CO_2 , CH_4 , CO and surface O_3 density observation,

chemical component observation of precipitation and settled dust)

Calibration:

All radiometers are calibrated every 5 years. A pyrheliometers and pyranometers are traceable to the WRR, and a pyrgeometer is traceable to the World Infrared Standard Group (WISG). The tracker will be overhauled every 5 years by its manufacturer.