

SITE INFORMATION

Revised: 1/8/98

Current Site Name: Effelsberg
Location: Bonn, Germany
Site Number: 143
Geographic Region: Europe
Tectonic Plate: Eurasian

General Site Description: The station is located 40 km from Bonn at the observatory site of the Max-Planck-Institute for radio astronomy in Effelsberg, Germany. One fixed 100-meter telescope was used for VLBA measurements.

Geological Province: Rheinisches Schiefergebirge
Local Geology: Rhenanian slate. Devonian, silurian, cambrian ages. Site is located on Valley Fill Sediiments.
Site Topo Map: Topographic Map 1:50,000 No. L5506 Landesvermessungsmamt

CONTACT INFORMATION

Site Ownership: GERMANY
Site Management: Max-Planck Institute for Radio Astronomy

Contact Person:
Address:

Telephone:
Fax:
E- mail:

MONUMENT INFORMATION

Revised: 1/8/98

Current Site Name: Effelsberg
Location: Bonn, Germany
Site Number: 143
Number of Observing Monuments: 1
Surveyed into National Network? Yes

Monument Number: 7203
Type of Monument: Measurement Point on the Radio Telescope
Monument Inscription: None
Systems using Monument: 100-Meter Radio Telescope

Latitude: N 50° 31' 29.39459"
Longitude: E 06° 53' 00.99425"
Elevation: 416.674 meters
Height above Ellipsoid: 369.082 meters
Geodetic Coordinate Source/Date: IERS / 1994
Geodetic Coordinate Datum/Ellipsoid: ITRF94 (1993)
Elevation Datum: Unknown
Source of Monument Geodetic Survey Ties:
Comments: The measurement point is the intersection of the elevation axes and the vertical axes.

Differential Coordinates

Monument Number	Monument Inscription	X	Y	Z
—	Besucher Pavillon (DOPPLER 1)	-147.93	179.62	100.93

SITE SKETCH

Revised: 1/8/98

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OCCUPATION HISTORY

Revised: 1/8/98

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SLR Occupations

Monument Number	Occupying System	Occupation Designator	Starting Date	Ending Date
No Previous Occupations				

VLBI Occupations

Monument Number	Occupying System	Occupation Designator	Starting Date	Ending Date
7203	100-Meter	72037901	25-Nov-79	06-May-83

GPS Occupations

Monument Name	Starting Date	Ending Date	Network
No Previous Occupations			

Footprint Surveys

Survey	Starting Date	Source
No footprint surveys were completed. See the station description notes for geodetic ties to other local geodetic stations.		