

GPS - 2

All values are referenced to the North American Datum NAD 83 (1995)

Latitude:	36° 24 ft 5.68835 inches	TN Northing:	234732.431 m
Longitude:	82° 36 ft 45.67357 inches	TN Easting:	903795.239 m

Elevation: **532.898 m (1,748.35 ft)**

Convergence:	+1° 58 ft 59.0 inches	Scale Factor:	0.99999736
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Monument Set by:	NGS	Date:	1987
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County:	Washington	Nearest Town:	Johnson City
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USGS QUAD:	Sullivan Gardens	TVA Designation:	189-NE
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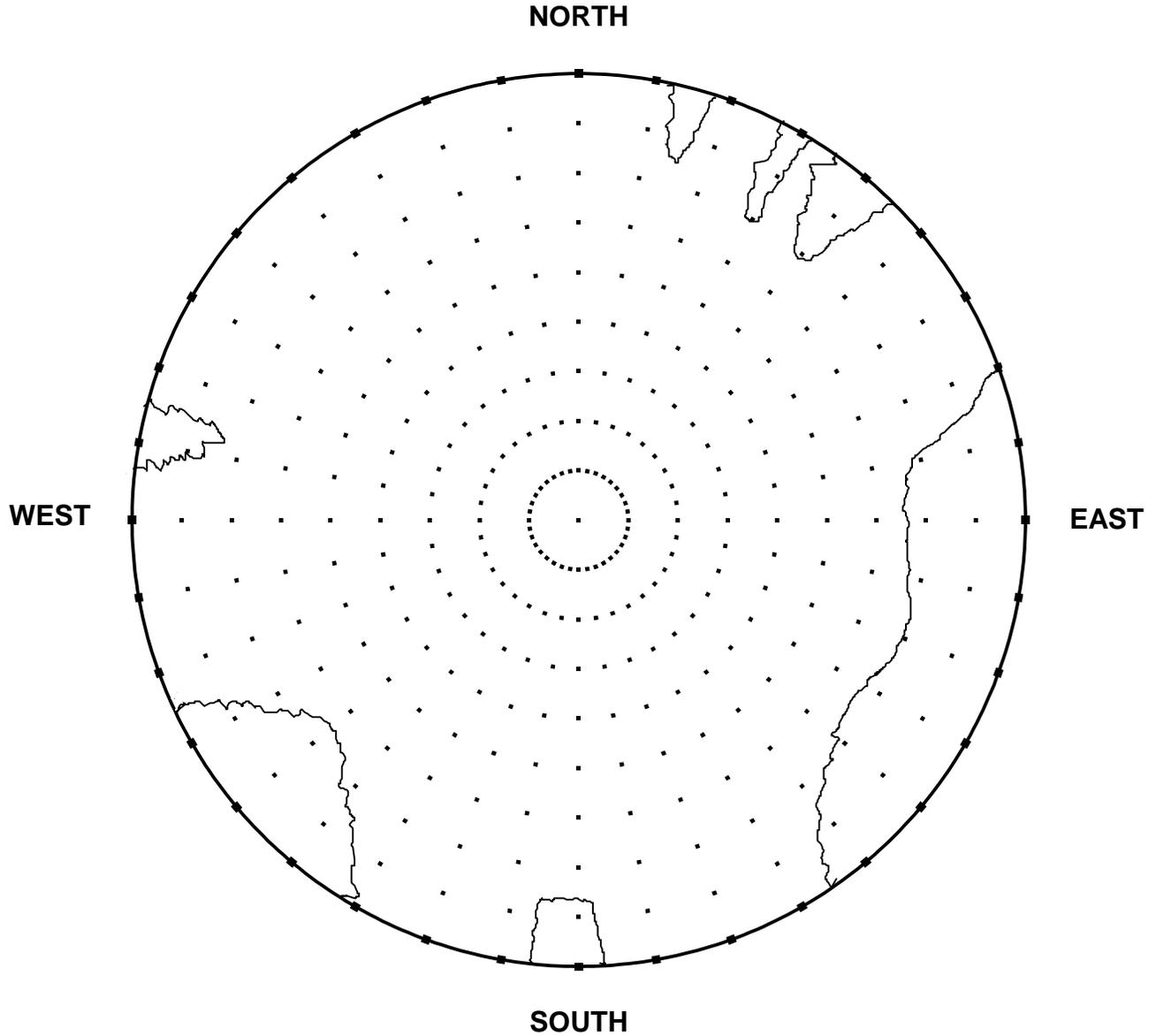
Description:

The station is located about 24.1 km (11.5 mi.) northwest of Johnson City at the junction of Interstate 81 and State Route 93 at exit number 50. Ownership---Roadway Right-of-Way.

The station is located at the junction of Interstate 81 and State Route 93 at exit number 50 atop a 12.2 m (40 ft.) hill in the triangle plot of ground formed by the exit and entrance ramps of northbound Interstate 81.

The station is a standard NGS disk stamped---GPS 2 1987---, set into a drill hole in bedrock outcrop measuring 0.3 m (1.0 ft.) by 0.5 m (1.5 ft.) and projecting 0.06 m (0.2 ft.). Located 10.13 m (33.24 ft.) south from Station Mac 2, a plain brass disk stamped---Mac-2 T-DOT 1984---, and set into the top of a 300 mm concrete monument flush with ground, 6.7 m (22 ft.) northeast from the top of a 12.2 m (40 ft.) cut, 0.5 m (1.5 ft.) northeast from a fiberglass witness post.

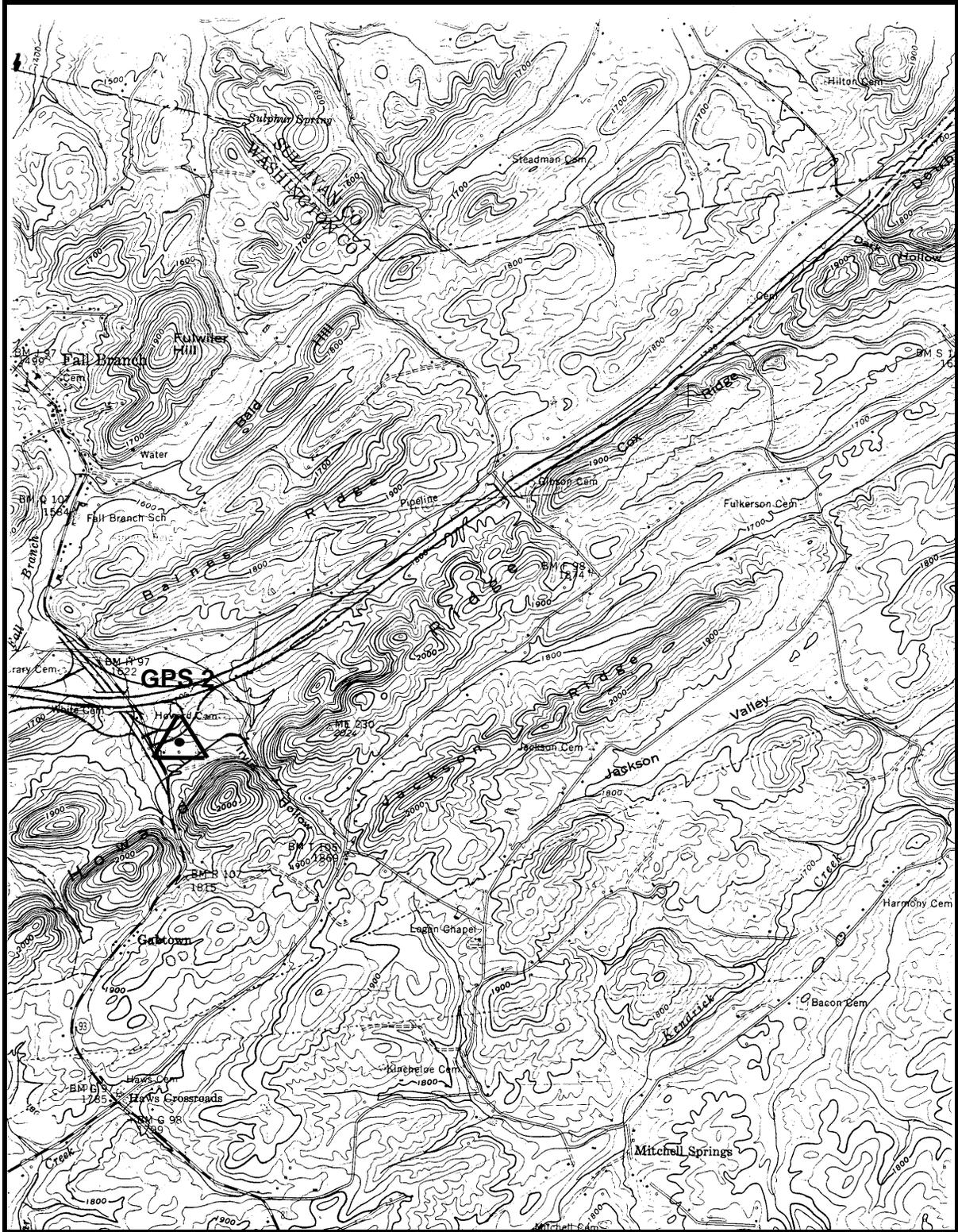
STATION VISIBILITY DIAGRAM



ELEVATION	<u>532.898 m (1,748.35 ft)</u>	DATE	<u>July 1997</u>
LATITUDE	<u>36° 24 ft 6 inches</u>	ORGANIZATION	<u>TDOT</u>
LONGITUDE	<u>82° 36 ft 46 inches</u>	MAP SCALE	<u>7 1/2 ft USGS</u>
STATION NAME	<u>GPS 2</u>	MAP SHEET	<u>189-NE, Sullivan Gardens</u>
		OBSERVER	<u>CLJ</u>
		Observer's height	<u>6 ft</u>

NOTES:

TENNESSEE GEODETIC REFERENCE NETWORK



GPS 2

189-NE, SULLIVAN GARDENS