

GPS - 21

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

Latitude:	35° 58 ft 32.57520 inches	TN Northing:	183749.668 m
Longitude:	84° 10 ft 42.59261 inches	TN Easting:	764266.219 m
Elevation:	302.843 m (993.58 ft)		
Convergence:	+1° 3 ft 59.0 inches	Scale Factor:	0.99995145
Monument Set by:	NGS	Date:	1987
County:	Knox	Nearest Town:	Oak Ridge
USGS QUAD:	Lovell	TVA Designation:	138-NW

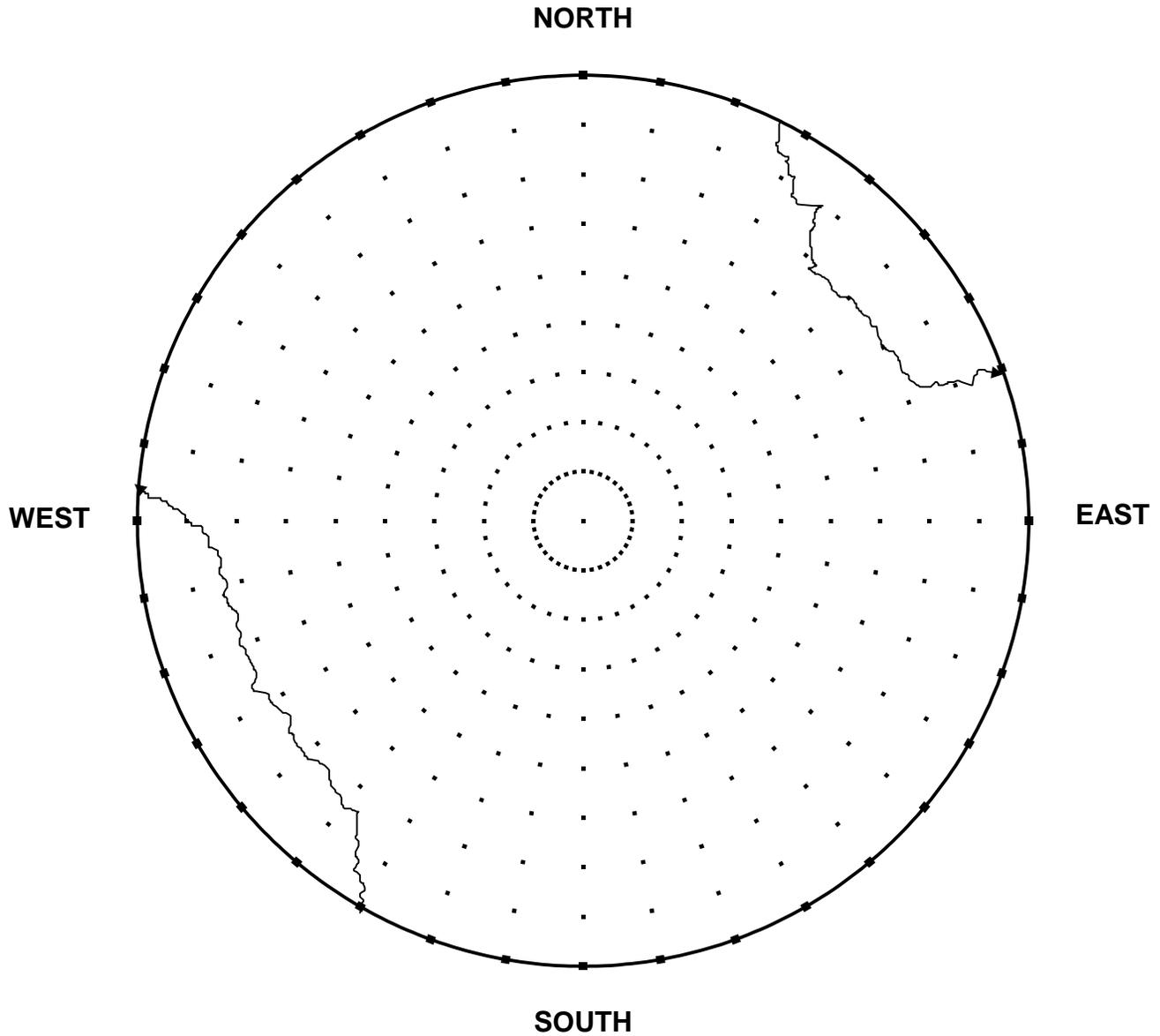
Description:

The station is located about 22.5 km (14 mi.) west of Knoxville, 10.4 km (6.5 mi.) southeast of Oak Ridge, 9.2 km (5.7 mi.) northwest of the junction of Interstates 40, 75 and State Route 162 (The Pellissippi Parkway) along State Route 162, and just south of the junction of State Routes 162 and 62. Ownership--Road Right-of-Way.

The station is located just south of the junction of State Routes 162 and 62 in the grass median strip of State Route 162 about 0.40 km (0.25 mi.) north of a summit.

The station is a 3-D mark with stainless steel rod driven 8.8 m (29 ft.). The logo cap is stamped---GPS 21 1987---, and an iron rod is set in the concrete. Located 72.76 m (238.7 ft.) north from the centerline of a paved crossover, 25.60 m (84.0 ft.) east from the centerline of the southbound lanes, 13.4 m (44.0 ft.) west from the centerline of the northbound lanes and 1.2 m (4 ft.) below same, 4.57 m (15.0 ft.) east from the center of a concrete ditch, 0.3 m (1.0 ft.) southwest from a fiberglass witness post.

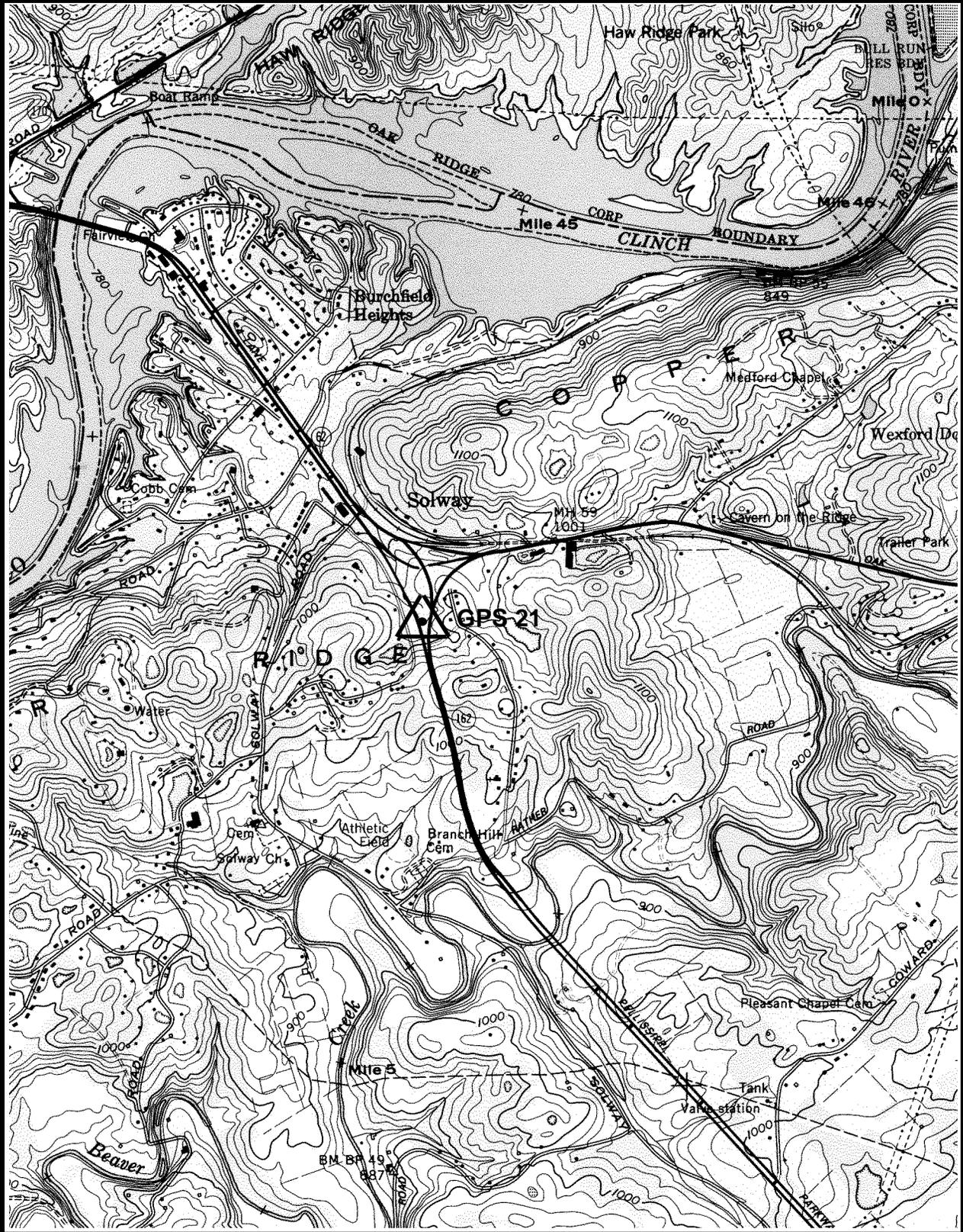
STATION VISIBILITY DIAGRAM



ELEVATION	<u>302.843 m (993.58 ft)</u>	DATE	<u>July 1997</u>
LATITUDE	<u>35° 58 ft 33 inches</u>	ORGANIZATION	<u>TDOT</u>
LONGITUDE	<u>84° 10 ft 43 inches</u>	MAP SCALE	<u>7 1/2 ft USGS</u>
STATION NAME	<u>GPS 21</u>	MAP SHEET	<u>138-NW, Lovell</u>
		OBSERVER	<u>CLJ</u>
		Observer's height	<u>6 ft</u>

NOTES:

TENNESSEE GEODETIC REFERENCE NETWORK



GPS 21

138-NW, LOVELL