

**GPS – 48 - RESET**

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

Latitude:	<b>35° 14 ft 46.82218 inches</b>	TN Northing:	<b>102252.571 m</b>
Longitude:	<b>84° 34 ft 03.03065 inches</b>	TN Easting:	<b>730371.836 m</b>
Elevation:	<b>225.081 m* (738.45 ft)</b>		
Convergence:	<b>+0° 50 ft 19.1 inches</b>	Scale Factor:	<b>1.00000065</b>
Monument Set by:	<b>TDOT</b>	Date:	<b>1999</b>
County:	<b>Bradley</b>	Nearest Town:	<b>Benton</b>
USGS QUAD:	<b>Oswald Dome</b>	TVA Designation:	<b>126-NE</b>

Description:

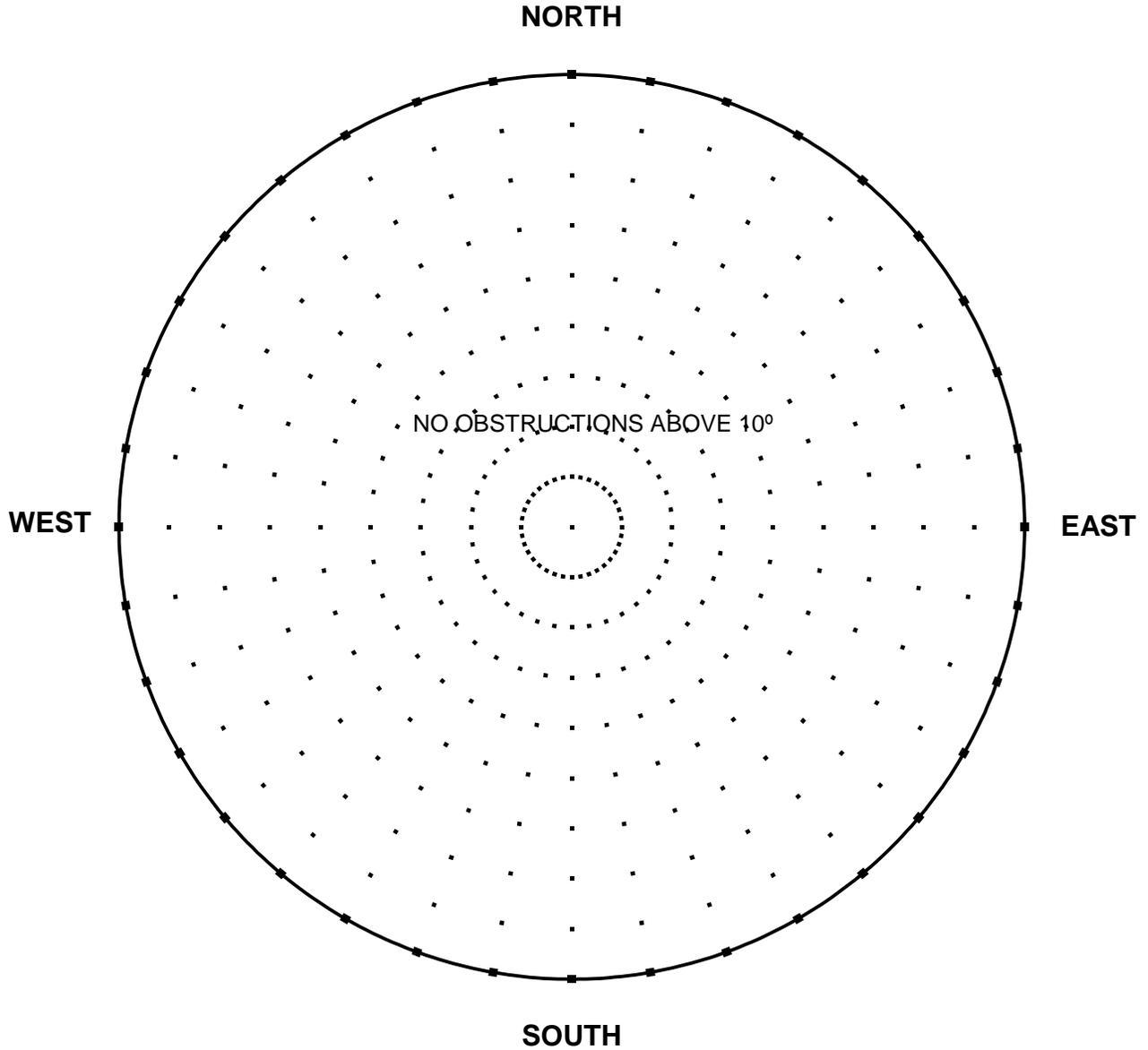
The station is located about 29.0 km (18 mi.) east-northeast of Cleveland, 8.1 km (5 mi.) northeast of Benton.

To reach the station from the courthouse in Benton, go north on US 411 for 10.46 km (6.50 mi.) to the entrance of East Tennessee Nursery. Turn left and go 0.80 km (0.50 mi.) to station on the left.

The station is a 3-D mark with an iron rod with aluminum cap set in concrete. The logo cap is stamped ---GPS 48-RESET 1999---. The station is located 1.48 m (4.85 ft) northwest of the witness post, 1.66 m (5.45 ft) northwest of rail fence, 4.94 m (16.20 ft) southeast of edge of asphalt and 48.01 m (157.50 ft) northeast of flagpole.

\* GPS derived elevation using the Geoid 96 Model and the WGS 1984 Reference Ellipsoid.

# STATION VISIBILITY DIAGRAM



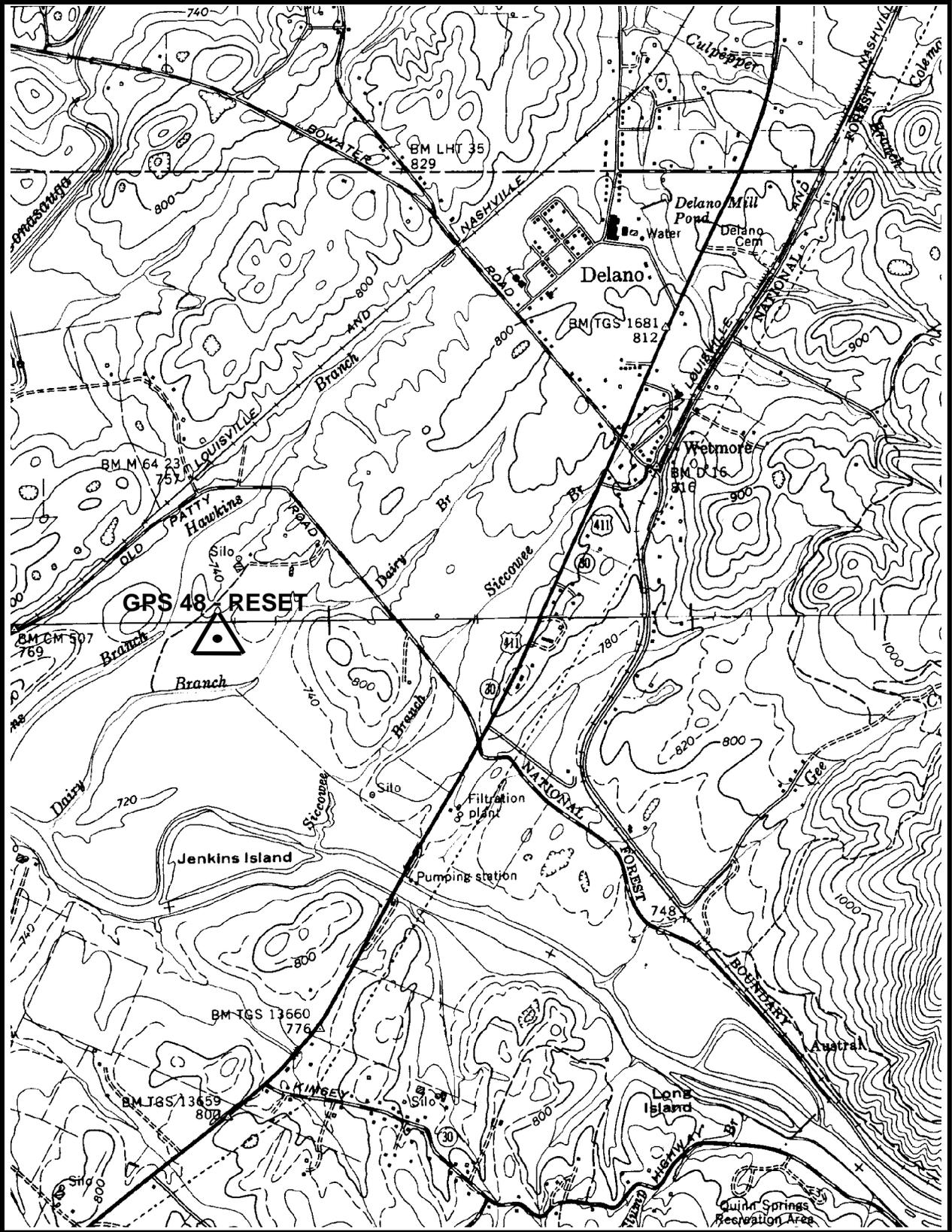
ELEVATION 225.081 m (738.45 ft)  
LATITUDE 35° 14 ft 47 inches  
LONGITUDE 84° 34 ft 03 inches  
STATION NAME GPS 48 - RESET

DATE 3-17-99  
ORGANIZATION TDOT  
MAP SCALE 7 1/2 ft USGS  
MAP SHEET 126-NE, Oswald Dome

OBSERVER SHG  
Observer's height 5 ft 6 inches

NOTES:

TENNESSEE GEODETIC REFERENCE NETWORK



GPS 48 - RESET

126-NE, Oswald Dome