

GPS - 36

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

Latitude:	35° 37 ft 25.02507 inches	TN Northing:	143850.763 m
Longitude:	84° 46 ft 28.67730 inches	TN Easting:	710998.362 m

Elevation: **229.139 m (751.77 ft)**

Convergence:	+0° 43 ft 2.6 inches	Scale Factor:	0.99995511
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Monument Set by:	NGS	Date:	1987
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County:	Meigs	Nearest Town:	Watts Bar
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Dam

USGS QUAD:	Decatur	TVA Designation:	118-SE
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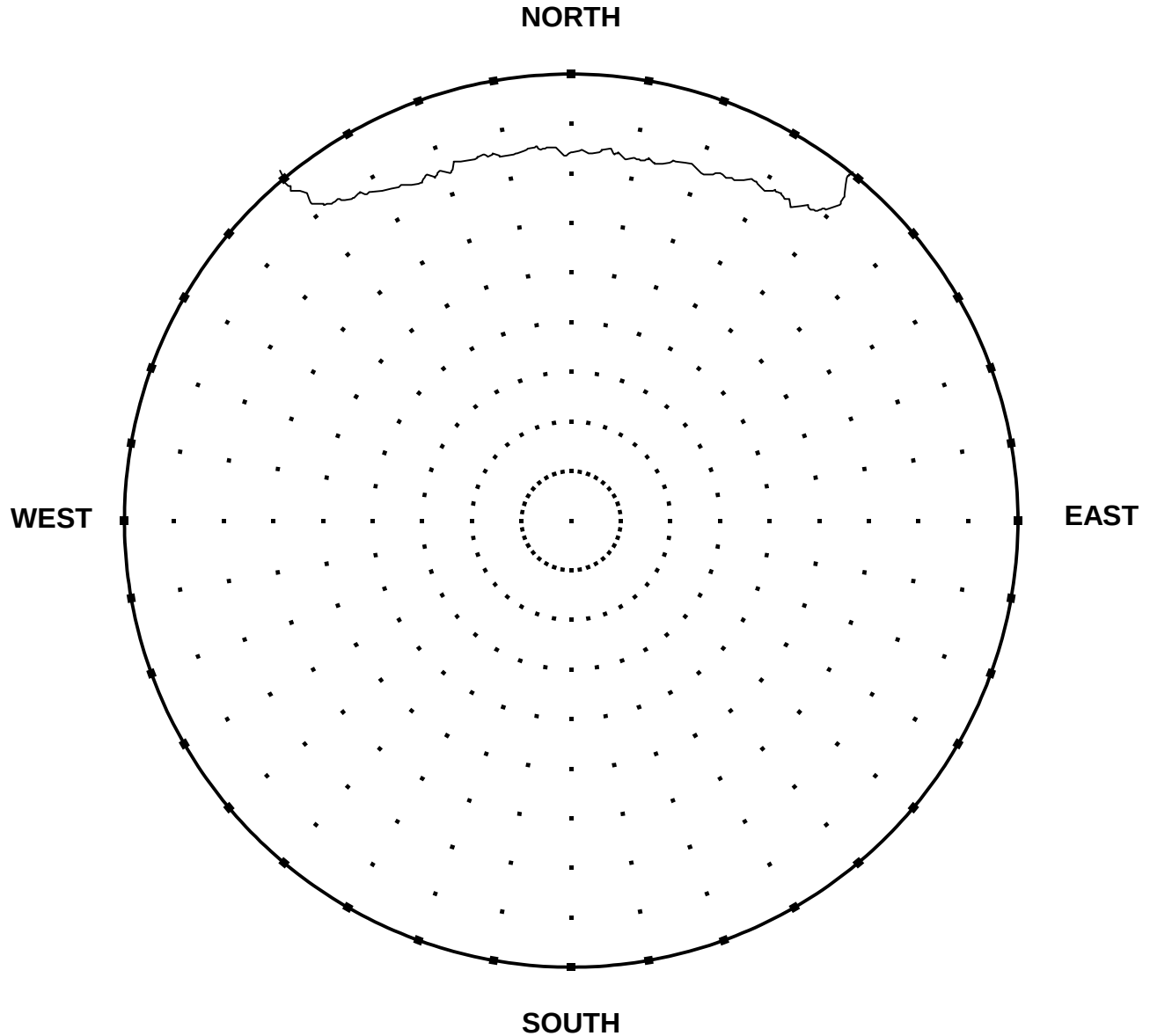
Description:

The station is located just east of Watts Bar Dam on the Tennessee River and near the south right-of-way fence of State Route 68. Ownership--State Right-of-Way.

To reach the station from the east end of the State Route 68 bridge over the dam go east for 0.24 km (0.15 mi.) on State Route 68 to the station on the right just east of an access road leading to the east bank of the river below the dam.

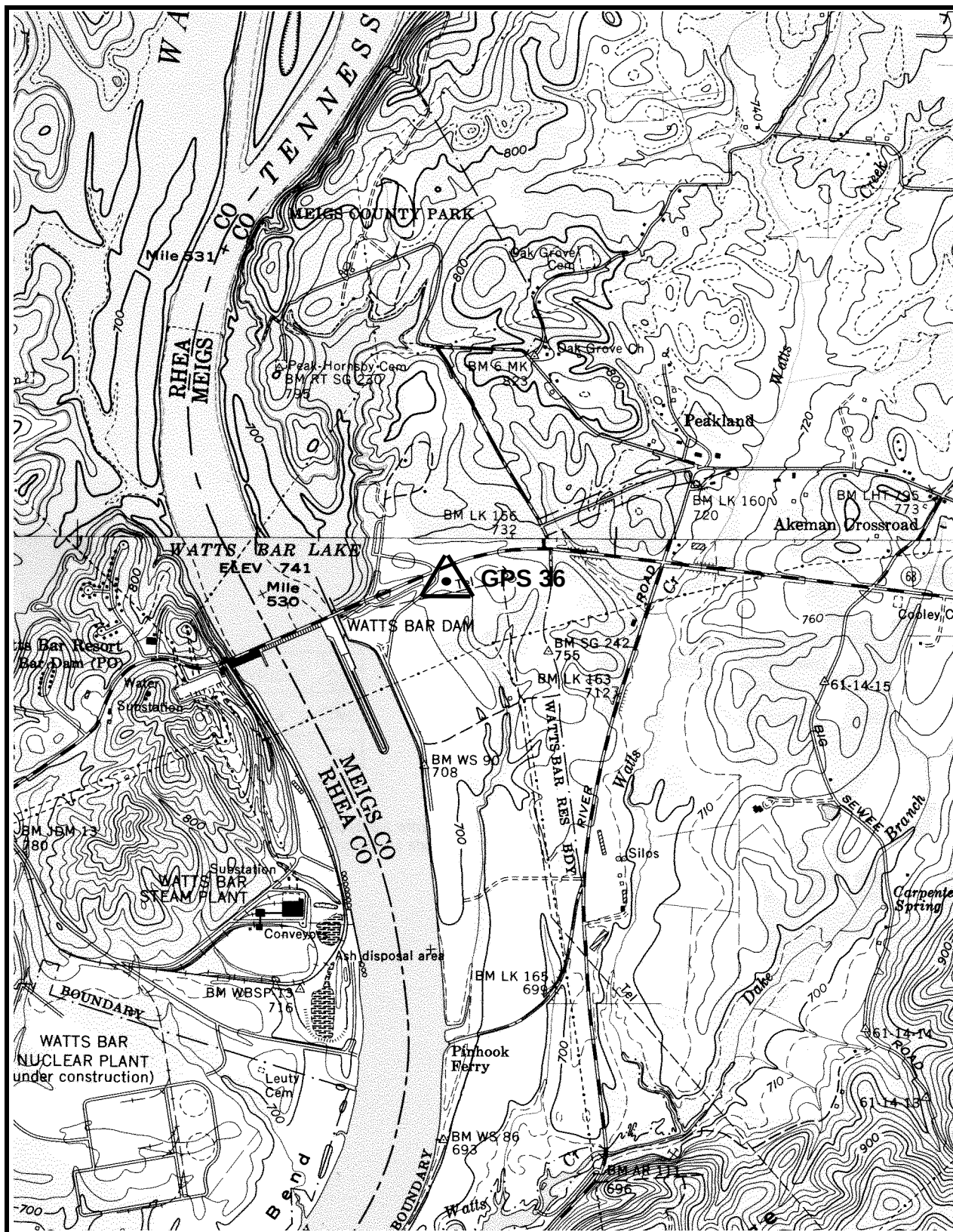
The station is a 3-D mark with stainless steel rod driven 8.5 m (28 ft.). The logo cap is stamped---GPS 36 1987---, and a railroad spike is embedded in the concrete. Located 34.7 m (114 ft.) southeast from the junction of state Route 68 and the access road, 25.76 m (84.5 ft.) south from the center of State Route 68, 25.3 m (83 ft.) east from the center of the access road, 16.7 m (54.8 ft.) east from South Central Bell utility box numbered no. 6, 1.0 m (3.3 ft.) north from a fiberglass witness post.

STATION VISIBILITY DIAGRAM



ELEVATION	<u>229.139 m (751.77 ft)</u>	DATE	<u>July 1997</u>
LATITUDE	<u>35° 37 ft 25 inches</u>	ORGANIZATION	<u>TDOT</u>
LONGITUDE	<u>84° 46 ft 29 inches</u>	MAP SCALE	<u>7 ½ ft USGS</u>
STATION NAME	<u>GPS 36</u>	MAP SHEET	<u>118-SE, Decatur</u>
		OBSERVER	<u>CLJ</u>
		Observer's height	<u>6 ft</u>

NOTES:



GPS 36

118-SE, DECATUR