

Station Name: **Horseshoe Lake**

State: Arizona
County: Maricopa

Latitude: 33 59 84
Longitude: 111 43 15

Location: At lake, southwest corner near boat ramp

Time zone: MST – all year

Owner: Flood Control District Of Maricopa County

Office telephone: 602-506-8701

NWS CWA: Phoenix
Zone #: 24

Station Elevation: 2,070 feet MSL

Date of Installation: All sensors installed on 9/11/2000

Archived: Yes, from date of installation

Equipment operates in the NWS ALERT format. Transmission to the Flood Control District of Maricopa County via VHF radio. All the below equipment distributed by HydroLynx Systems Inc. (temperature and RH sensors via Vaisala). The barometer is located in the stand pipe.

<u>Sensors:</u>	<u>Type</u>	<u>Model</u>	<u>Height AG (ft)</u>	<u>ID #</u>	<u>Units</u>	<u>Frequency of data</u>
Rain	Tipping Bucket	5050P	12.0	5890	mm	Variable
Temperature	Transducer	2046T	10.8	5892	deg F/C	15 minutes
“	Radiation shield	4550	----	----	----	----
Relative Humidity	Polymer film	2046RH	10.8	5891	%	15 minutes
Dewpoint (calculated)	---	---	----	5888	deg F	15 minutes
Wind Speed	Three cup	5050WS	12.0	5887	mph	15 minutes
Wind Direction	Pointer	5050WD	----	5897	deg	15 minutes
Peak Wind	---	---	----	5884	mph	15 minutes
Solar Radiation	Silicon photovoltaic cell	4015	11.8	5893	watts/sqm	30 minutes
Barometric Pressure	Solid state	1522	4.0	5894	mb, inHg	30 minutes

Site Description: Flat ground. Soil type – gravel.

Obstructions: None

Photographs - attached page



North



East



South



West



Station