

Station Name: **Saguaro Lake**

State: Arizona  
County: Maricopa  
Latitude: 33 34 30  
Longitude: 111 32 15  
Location: MCSO yard, northwest corner of the lake  
Time zone: MST – all year  
Owner: Flood Control District Of Maricopa County  
Office telephone: 602-506-8701  
NWS CWA: Phoenix  
Zone #: 24  
Station Elevation: 1,550 feet MSL  
Date of Installation: All sensors installed on 01/24/2000  
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	9.8	6780	mm	Variable
Temperature	Transducer	2046T	9.2	6782	deg F/C	15 minutes
“	Radiation shield	4550	----	----	----	----
Relative Humidity	Polymer film	2046RH	9.2	6781	%	15 minutes
Dewpoint (calculated)	---	---	----	6778	deg F	15 minutes
Wind Speed	Three cup	5050WS	9.5	6777	mph	15 minutes
Wind Direction	Pointer	5050WD	10.3	6787	deg	15 minutes
Peak Wind	---	---	----	6774	mph	15 minutes
Solar Radiation	Silicon photovoltaic cell	4015	10.3	6783	watts/sqm	30 minutes
Barometric Pressure	Solid state	1522	4.0	6784	mb, inHg	30 minutes

Site Description: Slight slope. Soil type – dirt/grass

Obstructions: Bldg 20 ft to the southwest, extends 20 ft above station at a distance of 40 ft. Lake east 20 ft – 25 ft lower.

Photographs - attached page



North



East



South



West



Station