

Station Name: **Lake Pleasant North**

State: Arizona
County: Yavapai

Latitude: 33 54 17
Longitude: 112 16 15

Location: On island toward north end of lake

Time zone: MST – all year

Owner: Flood Control District Of Maricopa County

Office telephone: 602-506-8701

NWS CWA: Phoenix
Zone #: 22

Station Elevation: 1,750 feet MSL

Date of Installation: All sensors installed on 4/24/2001

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	9.9	5660	mm	Variable
Temperature	Transducer	2046T	8.6	5662	deg F/C	15 minutes
“	Radiation shield	4550	----	----	----	----
Relative Humidity	Polymer film	2046RH	8.6	5661	%	15 minutes
Dewpoint (calculated)	---	---	----	5658	deg F	15 minutes
Wind Speed	Three cup	5050WS	9.8	5657	mph	15 minutes
Wind Direction	Pointer	5050WD	10.0	5667	deg	15 minutes
Peak Wind	---	---	----	5654	mph	15 minutes
Solar Radiation	Silicon photovoltaic cell	4015	9.6	5663	watts/sqm	30 minutes
Barometric Pressure	Solid state	1522	2.5	5664	mb, inHg	30 minutes

Site Description: On a slope. Soil type – rocks.

Obstructions: None.

Photographs - attached page



North



East



South



West



Station