

Station Name: **Gila Bend Mountains**

State: Arizona
County: Maricopa
Latitude: 33 14 29
Longitude: 113 12 18
Location: 16 miles northwest of Painted Rock dam off Agua Caliente Rd
Time zone: MST – all year
Owner: Flood Control District Of Maricopa County
Office telephone: 602-506-8701
NWS CWA: Phoenix
Zone #: 27
Station Elevation: 1,560 feet MSL
Date of Installation: All sensors installed on 06/01/1988, except for solar rad. on 05/24/1994
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	10.0	5050	mm	Variable
Temperature	Transducer	2046T	10.6	5052	deg F/C	15 minutes
“	Radiation shield	4550	----	----	----	----
Relative Humidity	Polymer film	2046RH	10.6	5051	%	15 minutes
Dewpoint (calculated)	---	---	----	5048	deg F	15 minutes
Wind Speed	Three cup	5050WS	9.4	5047	mph	15 minutes
Wind Direction	Pointer	5050WD	9.8	5057	deg	15 minutes
Peak Wind	---	---	----	5044	mph	15 minutes
Solar Radiation	Silicon photovoltaic cell	4015	10.5	5053	watts/sqm	30 minutes
Barometric Pressure	Solid state	1522	7.8	5054	mb, inHg	30 minutes

Site Description: On a slope near the top of a little hill/ridge. Soil type - gravel.

Obstructions: None

Photographs - attached page



North



East



South



West



Station