

Station Name: **Wickenburg Airport**

State: Arizona
County: Maricopa
Latitude: 33 57 53
Longitude: 112 48 14
Location: 4.5 miles west of the US 60 and US 93 junction
Time zone: MST – all year
Owner: Flood Control District Of Maricopa County
Office telephone: 602-506-8701
NWS CWA: Phoenix
Zone #: 22
Station Elevation: 2,385 feet MSL
Date of Installation: All sensors installed on 08/03/1994
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	11.8	7120	mm	Variable
Temperature	Transducer	2046T	12.1	7122	deg F/C	15 minutes
“	Radiation shield	4550	----	-----	----	----
Relative Humidity	Polymer film	2046RH	12.1	7121	%	15 minutes
Dewpoint (calculated)	---	---	----	7116	deg F	15 minutes
Wind Speed	Three cup	5050WS	11.6	7117	mph	15 minutes
Wind Direction	Pointer	5050WD	11.7	7127	deg	15 minutes
Peak Wind	---	---	----	7114	mph	15 minutes
Solar Radiation	Silicon photovoltaic cell	4015	11.6	7123	watts/sqm	30 minutes
Barometric Pressure	Solid state	1522	10.5	7124	mb, inHg	30 minutes

Site Description: Level ground. Soil type - rocky.

Obstructions: Trailer (top) at height of sensors – 30 ft NW. Fuel tank, below height of sensors, 80 ft ENE, power pole 90 ft NE; 110 ft WSW.

Photographs - attached page



North



East



South



West



Station