

Station Name: **Usery Park WS**

State: Arizona  
County: Maricopa

Latitude: 33 27 54  
Longitude: 111 36 57

Location: Metro Phoenix, 1/4 mile west/northwest of the Crismon Rd and Thomas Rd alignments, in park

Time zone: MST – all year

Owner: Flood Control District Of Maricopa County

Office telephone: 602-506-8701

NWS CWA: Phoenix  
Zone #: 23

Station Elevation: 2,115 feet MSL

Date of Installation: All sensors installed on 02/24/1994

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	11.2	6650	mm	Variable
Temperature	Transducer	2046T	11.2	6652	deg F/C	15 minutes
“	Radiation shield	4550	----	----	----	----
Relative Humidity	Polymer film	2046RH	11.2	6651	%	15 minutes
Dewpoint (calculated)	---	---	----	6646	deg F	15 minutes
Wind Speed	Three cup	5050WS	11.0	6647	mph	15 minutes
Wind Direction	Pointer	5050WD	10.9	6657	deg	15 minutes
Peak Wind	---	---	----	6644	mph	15 minutes
Solar Radiation	Silicon photovoltaic cell	4015	10.1	6653	watts/sqm	30 minutes
Barometric Pressure	Solid state	1522	9.9	6654	mb, inHg	30 minutes

Site Description: Flat ground. Soil type – dirt.

Obstructions: None.

Photographs - attached page



North



East



South



West



Station