

Station Name: **Crossroads Park**

State: Arizona  
County: Maricopa  
Latitude: 33 19 40  
Longitude: 111 44 48  
Location: Metro Phoenix, ½ mile north of Ray Rd and Greenfield Rd  
Time zone: MST – all year  
Owner: Flood Control District Of Maricopa County  
Office telephone: 602-506-8701  
NWS CWA: Phoenix  
Zone #: 23  
Station Elevation: 1,270 feet MSL  
Date of Installation: All sensors installed on 12/18/1995  
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	11.0	6620	mm	Variable
Temperature	Transducer	2046T	10.7	6622	deg F/C	15 minutes
“	Radiation shield	4550	----	----	----	----
Relative Humidity	Polymer film	2046RH	10.7	6621	%	15 minutes
Dewpoint (calculated)	---	---	----	6616	deg F	15 minutes
Wind Speed	Three cup	5050WS	12.5	6617	mph	15 minutes
Wind Direction	Pointer	5050WD	12.6	6618	deg	15 minutes
Peak Wind	---	---	----	6614	mph	15 minutes
Solar Radiation	Silicon photovoltaic cell	4015	11.6	6626	watts/sqm	30 minutes
Barometric Pressure	Solid state	1522	8.7	6624	mb, inHg	30 minutes

Site Description: Flat but slopes down to catch basin east of station. Soil type - dirt/gravel.

Obstructions: None.

Photographs - attached page



North



East



South



West



Station