

Station Name: **Durango Complex**

State: Arizona
County: Maricopa
Latitude: 33 25 36
Longitude: 112 07 07
Location: Metro Phoenix, 27th Ave and Durango St
Time zone: MST – all year
Owner: Flood Control District Of Maricopa County
Office telephone: 602-506-8701
NWS CWA: Phoenix
Zone #: 23
Station Elevation: 1,050 feet MSL
Date of Installation: Rain station installed on 06/23/1980; weather sensors added on 10/02/1991 except for solar rad. on 11/29/1994
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	6.5	4700	mm	Variable
Temperature	Transducer	2046T	8.8	4702	deg F/C	15 minutes
“	Radiation shield	4550	----	----	----	----
Relative Humidity	Polymer film	2046RH	8.8	4701	%	15 minutes
Dewpoint (calculated)	---	---	----	4698	deg F	15 minutes
Wind Speed	Three cup	5050WS	11.5	4697	mph	15 minutes
Wind Direction	Pointer	5050WD	11.4	4707	deg	15 minutes
Peak Wind	---	---	----	4694	mph	15 minutes
Solar Radiation	Silicon photovoltaic cell	4015	10.3	4703	watts/sqm	30 minutes
Barometric Pressure	Solid state	1522	3.5	4704	mb, inHg	30 minutes

Site Description: Level ground. Soil type - Gravel

Obstructions: Telephone pole, 10 feet to the south.

Photographs - attached page



North



East



South



West



Station