Station Name: **Desert Mountain School**

State: Arizona
County: Maricopa

Latitude: 33 48 34
Longitude: 112 04 38

Location: ¼ mile east of 7th Ave and Cloud 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: 1810 feet MSL

Date of Installation: 7/19/06

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.

Sensors:	Type	Model	Height AG (ft)	ID #	Units	Frequency of data
Rain	Tipping Bucket	5050P	12.0	5919	mm	Variable
Temperature	RTD	2048T	11.0	5912	deg F/C	15 minutes
"	Radiation shield	4550	----	-----	----	----
Relative Humidity	Polymer film	2048RH	11.0	5911	%	15 minutes
Dewpoint (calculated)	---	---	----	5908	deg F	15 minutes
Wind Speed	Three cup	5050WS	11.8	5907	mph	15 minutes
Wind Direction	Pointer	5050WD	12.0	5917	deg	15 minutes
Peak Wind	---	---	----	5904	mph	15 minutes
Solar Radiation	Silicon photovoltaic cell	4015	13.5	5913	watts/sqm	30 minutes
Barometric Pressure	Solid state	1522	10.8	5914	mb, inHg	30 minutes

Site Description: Level ground. Soil type - dirt

Obstructions: No obstructions.

Photographs - attached page

North

South

West

East

Station