

Station Name: **Thompson Peak**

State: Arizona
County: Maricopa
Latitude: 33 38 40
Longitude: 111 49 11
Location: On peak, alignments of 120th St and Bell 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: 3,995 feet MSL
Date of Installation: Rain station installed on 7/27/1989, weather sensors added on 12/19/1995
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).

<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	15.2	5945	mm	Variable
Temperature	Transducer	2046T	14.2	5947	deg F/C	15 minutes
“	Radiation shield	4550	----	----	----	----
Relative Humidity	Polymer film	2046RH	14.2	5946	%	15 minutes
Dewpoint (calculated)	---	---	----	----	deg F	15 minutes

Site Description: On top of a mountain. Level ground. Soil type -dirt/rocks

Obstructions: Lots of equipment at location – some tall radio structures.



North



East



South



West