

Station Name: **Buckeye FRS #1**

State: Arizona
County: Maricopa

Latitude: 33 27 27
Longitude: 112 45 01

Location: 1/4 mile N of I-10 near Hassayampa River

Time zone: MST – all year

Owner: Flood Control District Of Maricopa County

Office telephone: 602-506-8701

NWS CWA: Phoenix
Zone #: 22

Station Elevation: 1065 feet MSL

Date of Installation: Rain gage 7/26/1983. Weather sensors added 7/26/2006

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	10.0	5280	mm	Variable
Temperature	RTD	2048T	9.8	5282	deg F/C	15 minutes
"	Radiation shield	4550	----	-----	----	----
Relative Humidity	Polymer film	2048RH	9.8	5281	%	15 minutes
Dewpoint (calculated)	---	---	----	5278	deg F	15 minutes
Wind Speed	Three cup	5050WS	13.2	5277	mph	15 minutes
Wind Direction	Pointer	5050WD	13.0	5287	deg	15 minutes
Peak Wind	---	---	----	5274	mph	15 minutes
Barometric Pressure	Solid state	1522	7.0	5284	mb, inHg	30 minutes

Site Description: Level ground on top of FRS. Soil type - gravel .

Obstructions: None.

Photographs - attached page



North



South



East



West

Station

