

STORM AND FLOOD OF 27-28 SEPTEMBER 1995

Meteorology -- A formal meteorological investigation for this event was not conducted. The storms were caused by a particularly strong surge of moisture from the Gulf of California delivered by a stationary upper-level low over southern California.

Rainfall -- Rain began at about 23:00 hrs on the 27th and ended about 23:00 hrs on the 28th. Up to 2 inches of rain fell over portions of north Phoenix and Scottsdale. The highest amount recorded by an ALERT gages was 2.05 inches at East Fork Cave Creek detention basin #1.

Runoff -- Measurable runoff occurred primarily on Cave Creek and the East Fork, Scatter Wash, Indian Bend Wash, ACDC and New River.

Flooded Area -- No areas of flooding were reported for this event. Flooded areas were limited to unbridged crossings of the streams mentioned above.

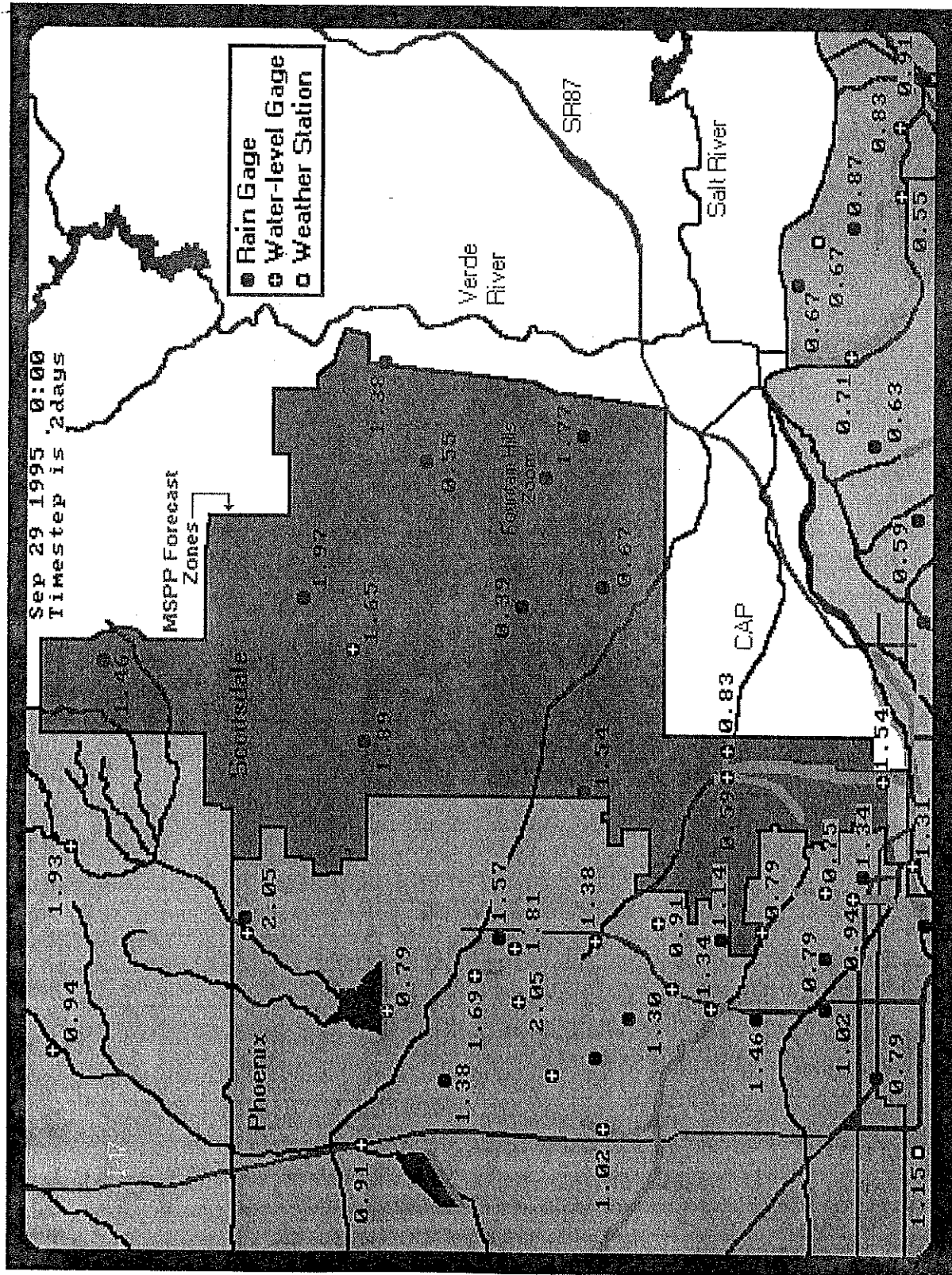
Summary of Damages -- A formal damage summary was not prepared for this event.

(Information obtained from the ALERT database).

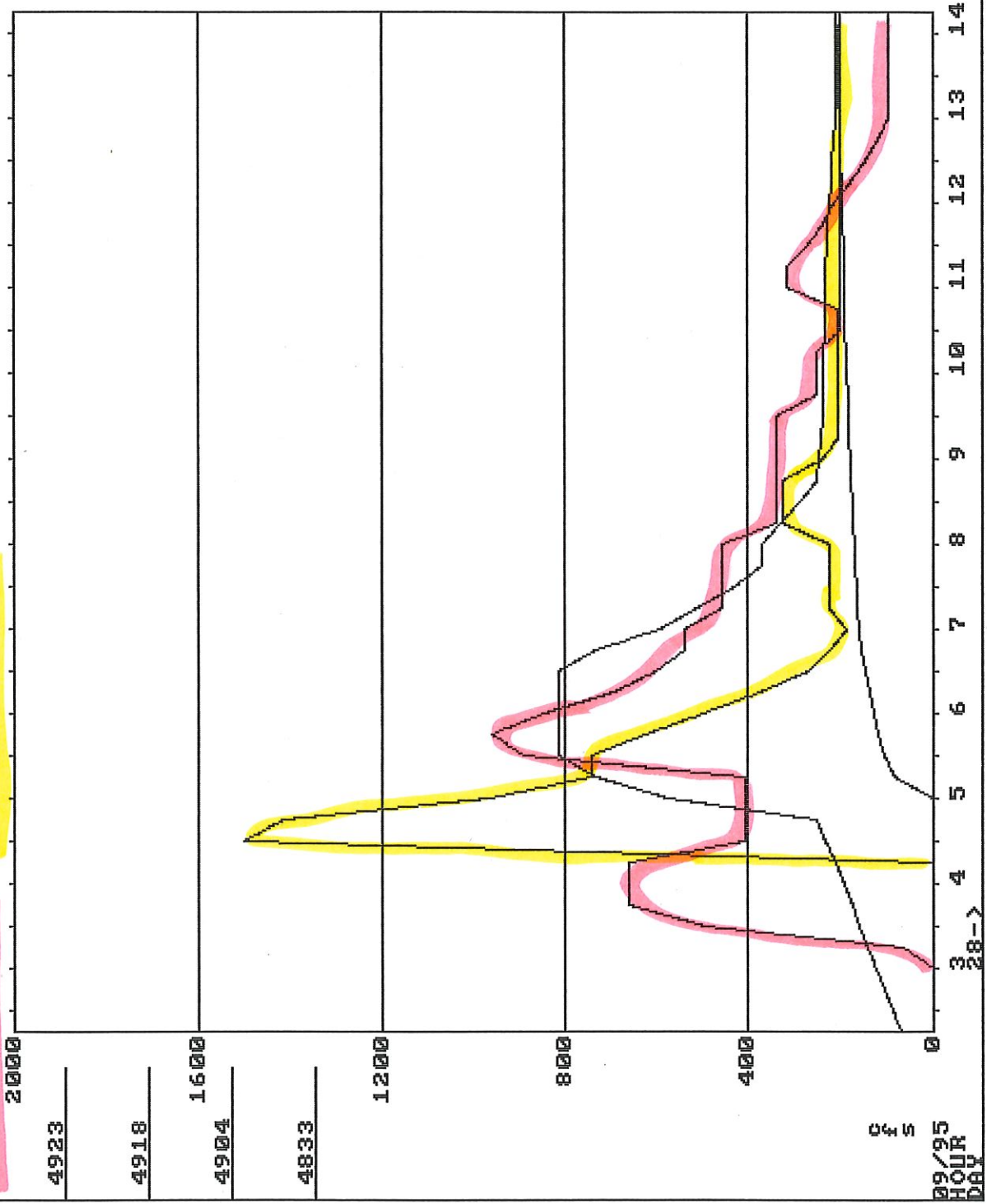
Sep 29 1995 0:00
Timestep is 2days

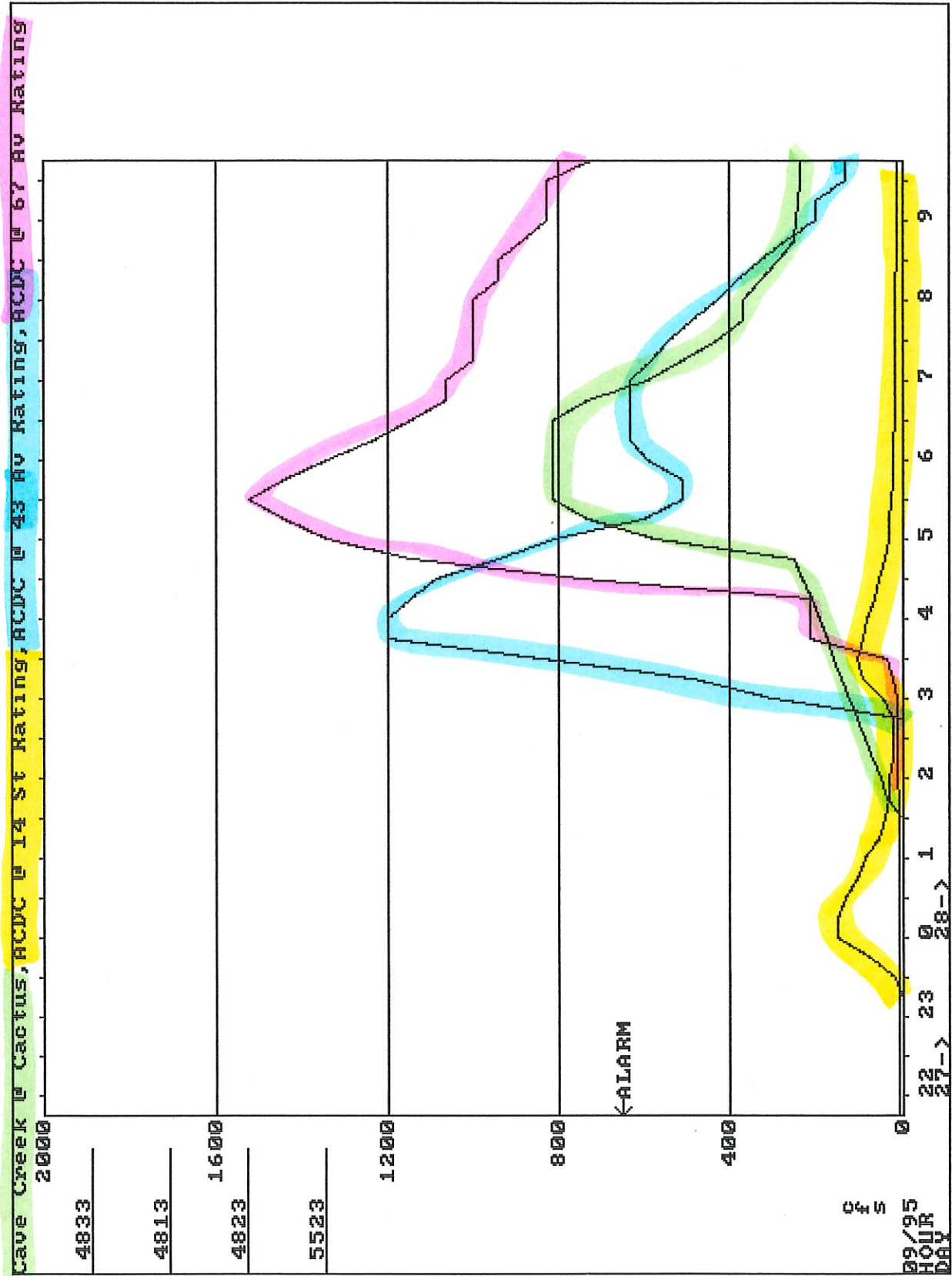
MSPP Forecast
Zones

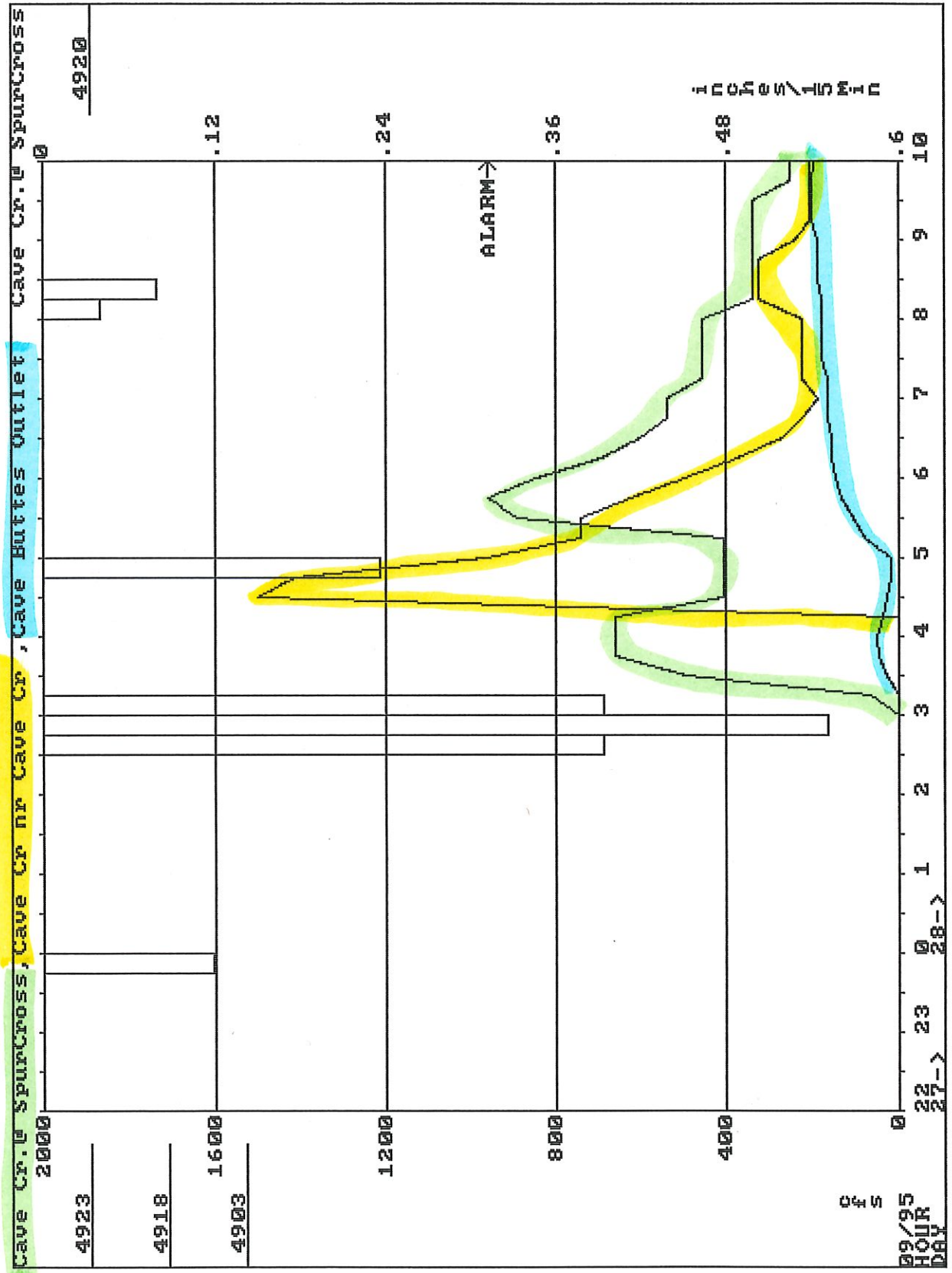
- Rain Gage
- Water-level Gage
- Weather Station



Cave Cr. W Spur Cross, Cave Cr nr Cave Cr, Cave Buttes Dam Rat, Cave Creek W Cactus







Maricopa County ALERT System

Date Time
10/31/95 11:01:21

DeviceID	4600	4745	4740	4730	4750	4520
StatType	diff	last	last	last	last	last
DataType	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in
09/28/95						
0500	0.00	0.00	0.00	0.00	0.00	0.00
0455	0.00	0.00	0.00	0.00	0.00	0.00
0450	0.00	0.00	0.00	0.00	0.00	0.00
0445	0.00	0.00	0.00	0.00	0.00	0.00
0440	0.00	0.00	0.00	0.00	0.00	0.00
0435	0.00	0.00	0.00	0.00	0.00	0.00
0430	0.00	0.00	0.00	0.00	0.00	0.00
0425	0.00	0.00	0.00	0.00	0.00	0.00
0420	0.00	0.00	0.00	0.00	0.00	0.00
0415	0.00	0.00	0.00	0.00	0.00	0.00
0410	0.00	0.00	0.00	0.00	0.00	0.00
0405	0.00	0.00	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.00	0.00	0.00
0355	0.04	0.00	0.00	0.00	0.00	0.00
0350	0.04	0.04	0.08	0.00	0.04	0.00
0345	0.04	0.04	0.08	0.00	0.00	0.00
0340	0.04	0.00	0.04	0.00	0.04	0.00
0335	0.00	0.04	0.12	0.04	0.04	0.00
0330	0.00	0.04	0.04	0.00	0.00	0.00
0325	0.00	0.04	0.12	0.00	0.04	0.00
0320	0.00	0.04	0.16	0.00	0.04	0.00
0315	0.00	0.04	0.04	0.00	0.04	0.00
0310	0.00	0.00	0.04	0.00	0.00	0.00
0305	0.04	0.00	0.00	0.00	0.00	0.00
0300	0.00	0.00	0.00	0.00	0.00	0.00
0255	0.00	0.00	0.00	0.00	0.00	0.00
0250	0.00	0.00	0.00	0.00	0.00	0.00
0245	0.00	0.00	0.00	0.08	0.00	0.00
0240	0.00	0.00	0.00	0.04	0.00	0.00
0235	0.00	0.08	0.04	0.08	0.04	0.00
0230	0.20	0.08	0.08	0.12	0.16	0.07
0225	0.39	0.08	0.24	0.04	0.00	0.23
0220	0.51	0.04	0.08	0.00	0.00	0.70
0215	0.00	0.00	0.00	0.00	0.00	0.00
0210	0.00	0.00	0.00	0.00	0.04	0.00
0205	0.00	0.00	0.00	0.00	0.00	0.00
0200	0.00	0.00	0.00	0.00	0.00	0.00
0155	0.00	0.00	0.00	0.00	0.00	0.00
0150	0.00	0.00	0.00	0.00	0.00	0.00
0145	0.00	0.00	0.00	0.00	0.00	0.00
0140	0.00	0.00	0.00	0.00	0.00	0.00
0135	0.00	0.00	0.00	0.00	0.00	0.00
0130	0.00	0.00	0.00	0.00	0.00	0.00
0125	0.00	0.00	0.00	0.00	0.00	0.00
0120	0.00	0.00	0.00	0.00	0.00	0.00
0115	0.00	0.00	0.00	0.00	0.00	0.00
0110	0.00	0.00	0.00	0.00	0.00	0.00
0105	0.00	0.00	0.00	0.00	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00
0055	0.00	0.00	0.00	0.00	0.00	0.00
0050	0.00	0.00	0.00	0.00	0.00	0.00
0045	0.00	0.00	0.00	0.00	0.00	0.00
0040	0.00	0.00	0.00	0.00	0.00	0.00
0035	0.00	0.00	0.04	0.00	0.00	0.00
0030	0.00	0.00	0.00	0.00	0.00	0.00
0025	0.00	0.00	0.00	0.00	0.00	0.00
0020	0.00	0.00	0.00	0.00	0.00	0.00
0015	0.00	0.00	0.00	0.00	0.00	0.00
0010	0.00	0.00	0.00	0.00	0.00	0.00
0005	0.00	0.00	0.00	0.00	0.00	0.00
09/27/95						
2400	0.00	0.00	0.00	0.00	0.00	0.00
2355	0.00	0.00	0.00	0.00	0.00	0.00
2350	0.00	0.00	0.00	0.00	0.00	0.00
2345	0.00	0.00	0.00	0.00	0.00	0.00
2340	0.00	0.00	0.00	0.00	0.00	0.00
2335	0.00	0.00	0.00	0.00	0.00	0.00
2330	0.00	0.00	0.00	0.00	0.00	0.00
2325	0.00	0.00	0.00	0.00	0.00	0.00
2320	0.00	0.00	0.00	0.00	0.00	0.00
2315	0.00	0.00	0.00	0.00	0.00	0.00
2310	0.00	0.00	0.00	0.00	0.00	0.00
2305	0.00	0.00	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.00	0.00	0.00
2255	0.00	0.00	0.00	0.00	0.00	0.00
2250	0.00	0.00	0.00	0.00	0.00	0.00
2245	0.00	0.00	0.00	0.00	0.00	0.00
2240	0.00	0.00	0.00	0.00	0.00	0.00
2235	0.00	0.00	0.00	0.00	0.00	0.00
2230	0.00	0.00	0.00	0.00	0.00	0.00
2225	0.00	0.00	0.00	0.00	0.00	0.00
2220	0.00	0.00	0.00	0.00	0.00	0.00
2215	0.00	0.00	0.00	0.00	0.00	0.00
2210	0.00	0.00	0.00	0.00	0.00	0.00
2205	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	1.54	0.94	1.34	0.79	0.75	1.28

SENSOR NAME	SENSOR ID #	T R S	LATITUDE	LONGITUDE	ELEVATION	LOCATION
IBW @ McKellips Rd.	46001N-4E-11		33 26 58	111 54 58		1187 On Indian Bend Wash 1/4 mi. South of McKellips
Old X-out @ McDowell	47451N-4E-06		33 27 55	111 58 49		1250 McDowell Rd. at Hohokam Expressway
Papago Park	47401N-4E-5		33 27 37	111 58 07		1200 1/4 mi. N of McDowell Rd. and 52nd St.
Perry Park	47302N-3E-35		33 28 39	112 00 50		1160 1/8 mi. S of Thomas Rd. and 32nd St.
Thomas @ 48th St.	47501N-4E-31		33 28 49	111 58 46		1200 Thomas Rd. and 48th St.
Salt R. @ Priest Dr.	45201N-4E-17		33 26 00	111 57 43		1133 West side of Salt River bridge at Priest Drive

Maricopa County ALERT System

Date Time

10/16/95 10:17:38

DeviceID	4520	4600	4730	4740	4745	4750
StatType	dif	last	last	last	last	last
DataType	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in
09/28/95						
0500	0.00	0.00	0.00	0.00	0.00	0.00
0445	0.00	0.00	0.00	0.00	0.00	0.00
0430	0.00	0.00	0.00	0.00	0.00	0.00
0415	0.00	0.00	0.00	0.00	0.00	0.00
0400	0.00	0.08	0.00	0.08	0.04	0.04
0345	0.00	0.08	0.04	0.24	0.08	0.08
0330	0.00	0.00	0.00	0.31	0.12	0.08
0315	0.00	0.04	0.00	0.08	0.04	0.04
0300	0.00	0.00	0.00	0.00	0.00	0.00
0245	0.00	0.00	0.20	0.04	0.08	0.04
0230	1.00	1.10	0.16	0.39	0.20	0.16
0215	0.00	0.00	0.00	0.00	0.00	0.04
0200	0.00	0.00	0.00	0.00	0.00	0.00
0145	0.00	0.00	0.00	0.00	0.00	0.00
0130	0.00	0.00	0.00	0.00	0.00	0.00
0115	0.00	0.00	0.00	0.00	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00
0045	0.00	0.00	0.00	0.04	0.00	0.00
0030	0.00	0.00	0.00	0.00	0.00	0.00
0015	0.00	0.00	0.00	0.00	0.00	0.00
09/27/95						
2400	0.00	0.00	0.00	0.00	0.00	0.00
2345	0.00	0.00	0.00	0.00	0.00	0.00
2330	0.00	0.12	0.04	0.00	0.00	0.04
2315	0.28	0.12	0.35	0.16	0.39	0.24
2300	0.00	0.00	0.00	0.00	0.00	0.00
2245	0.00	0.00	0.00	0.00	0.00	0.00
2230	0.00	0.00	0.00	0.00	0.00	0.00
2215	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	1.28	1.54	0.79	1.34	0.94	0.75