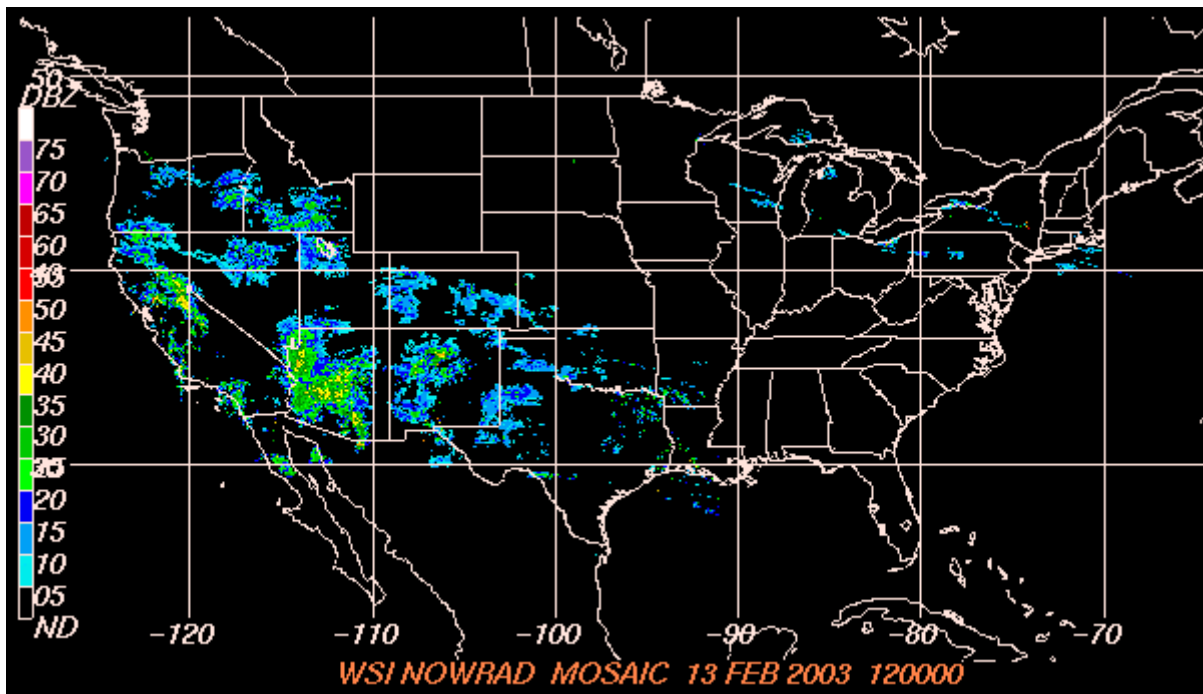
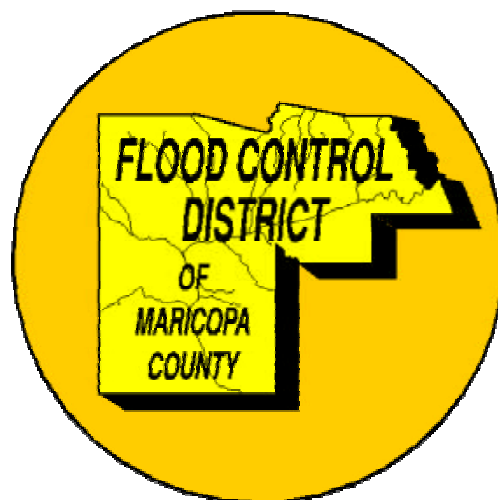




Flood Control District of Maricopa County Engineering Division – Flood Warning Branch

Storm Report : February 12-15, 2003



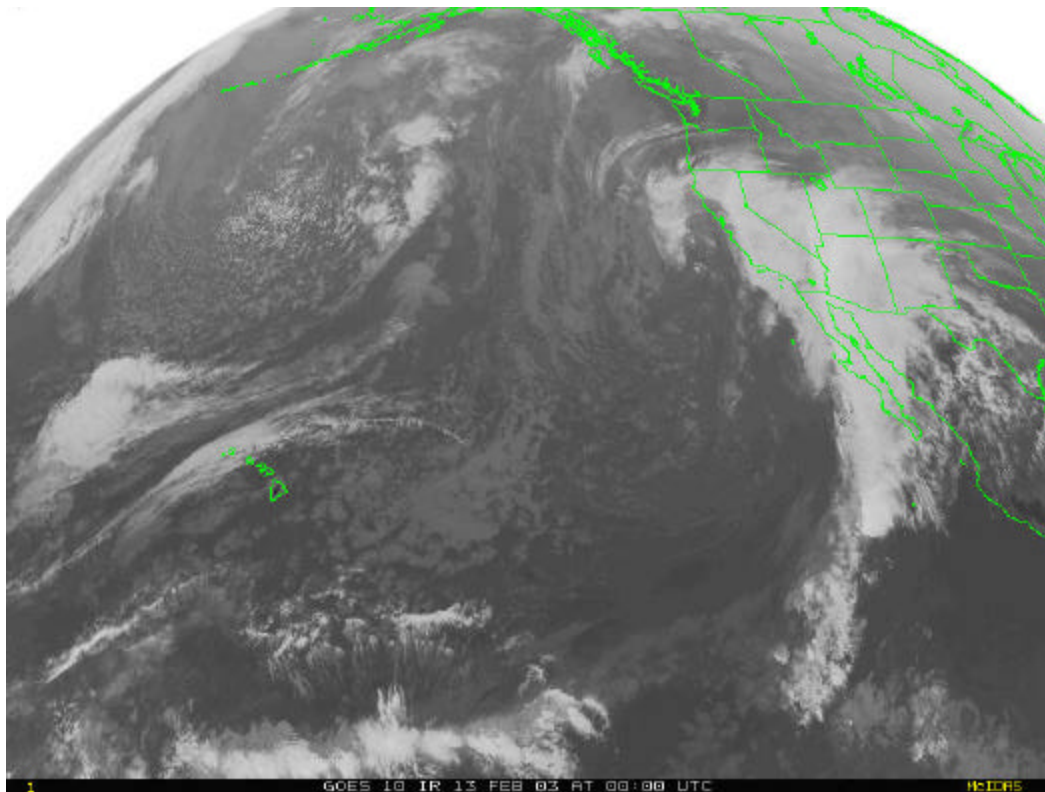
METEOROLOGY

A large warm-weather disturbance developed off the west coast of Mexico and slowly moved north and east from the sub-tropics during the period February 9 - 12. Southerly flow aloft ahead of the disturbance resulted in an import of clouds into Arizona - at first the higher variety, but with time came lower clouds containing considerable moisture. Precipitable water values increased to well over an inch, and dewpoints rose to the middle and upper 50s - both values expected mainly during the summer monsoon season.

Due to an embedded small disturbance in the southerly flow, rain of consequence developed in the County around 2:00 PM on the 12th, with light area-wide rain through 1:00 PM on the 13th. A round of heavy showers developed during the afternoon, as the center of the disturbance approached Arizona, continuing through 5:00 AM on the 14th. Light rain continued area-wide until 9:00 PM on the 14th, when the disturbance started to move east and away from Maricopa county. A nearly rainless period was observed through midnight, followed by some moderate showers through 6:00 AM on the 15th – mostly in southeastern Maricopa County.

This storm resulted in rain totals for many areas that were 20 to 40 percent of the statistical annual total. Some of the ALERT rain gages in metro-Phoenix recorded more than 2.5 inches of rain during the peak 24-hours of the storm, which equates to a return period of 15-20 years.

Meteorological Services Program products disseminated during the storm are included in this report as [Appendix A](#).



Goes-10 Satellite View of the Storm – Taken Feb. 12, 2003 at 5:00 PM MST

PRECIPITATION

Summary Statistics:

Total Automated Rain Gages Installed: 275

Total Operational Automated Rain Gages: 267

The following gages had either plugged funnels, stuck tipping buckets, or severe calibration errors: Tat Momolikot Dam, Waterman @ Rainbow Valley Rd., Vineyard FRS, IBW @ McKellips, Agua Fria @ Grand, IBW @ Shea, Butler Park, and IBW Interceptor. Estimates were made for each from nearby stations, except for Tat Momolikot. South Mtn. Park HQ rain gage had a programming error which caused it to count by 2 instead of 1 during parts of the event - this data was edited and considered correct for this report.

For the 64-hr. period 2/12/2003 14:00 through 12/15/2003 06:00 -

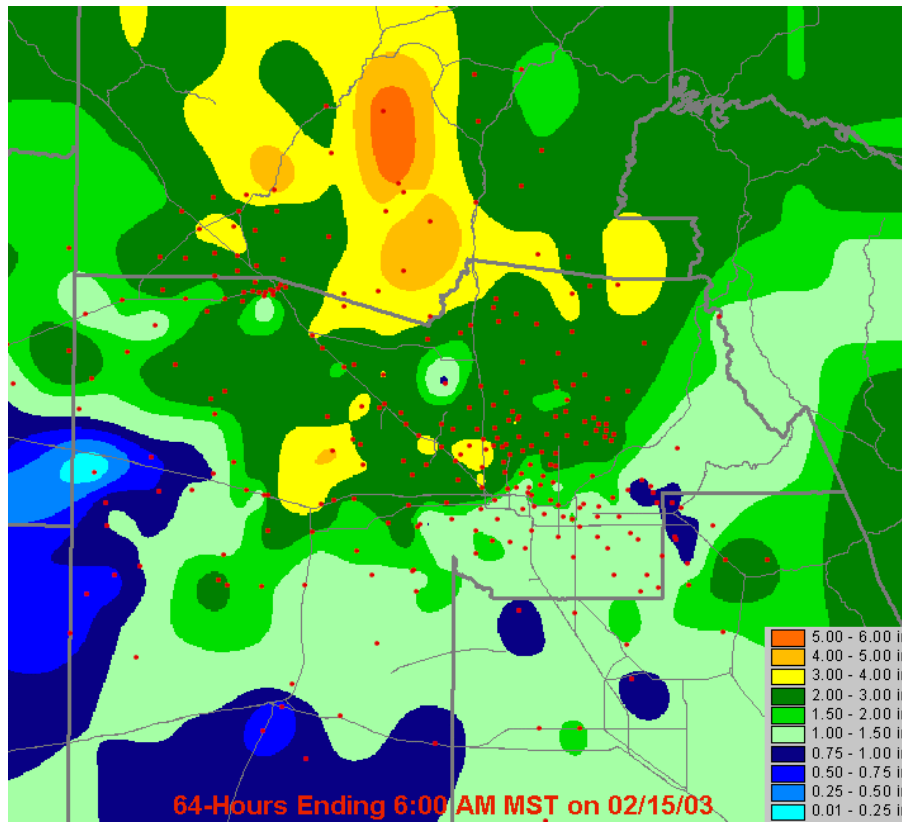
Number of gages reporting more than 4.00 inches:	6
Number of gages reporting more than 3.00 inches:	36
Number of gages reporting more than 2.50 inches:	88
Number of gages reporting more than 2.00 inches:	160
Number of gages reporting more than 1.50 inch:	205
Number of gages reporting more than 1.00 inch:	255
Number of gages reporting more than 0.50 inch:	273
Number of gages reporting no rainfall:	0

Depth-Duration Table For Selected Automated Rain Stations

Duration	10-Year Phoenix	10-Year Carefree	ACDC @ Cave Cr.	Buckeye FRS #2	Stage Coach Wash	Sols Wash @ SR 71	Durango Complex
5-min.	0.47	0.44	0.59	0.16	0.08	0.16	0.16
10-min.	0.72	0.68	0.98	0.24	0.16	0.28	0.16
15-min.	0.92	0.86	1.18	0.35	0.24	0.35	0.16
30-min.	1.27	1.19	1.42	0.55	0.31	0.63	0.20
1-hour	1.61	1.51	1.50	0.67	0.43	0.79	0.28
3-hour	1.82	1.87	1.54	0.98	0.91	0.94	0.39
6-hour	2.07	2.32	1.97	1.81	1.42	1.14	0.51
12-hour	2.30	2.72	3.03	2.17	1.93	1.89	0.98
24-hour	2.53	3.13	3.43	2.95	2.64	2.64	1.14
64-hour	--	--	3.66	3.27	2.99	3.19	1.34

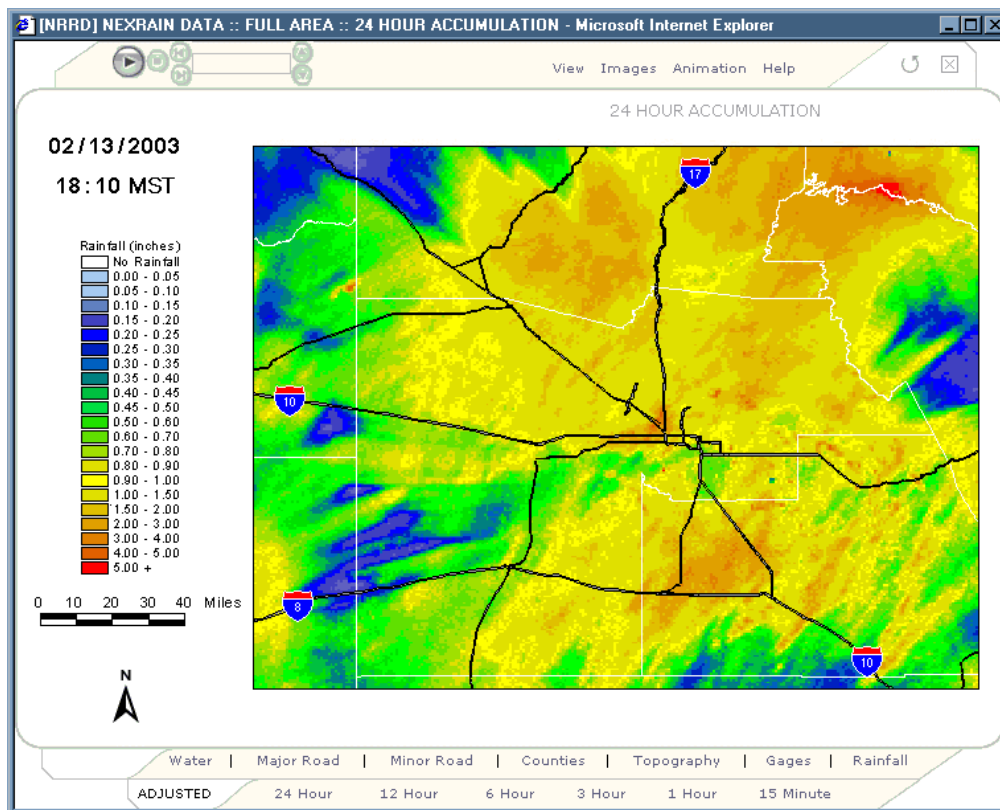
[Appendix B](#) contains a listing of measured rainfall depths for the 64-hour period ending on 02/15/03 at 06:00, in order of descending depth, with selected calculated return periods.

[Appendix C](#) contains hourly rainfall totals for all gages for the same period.



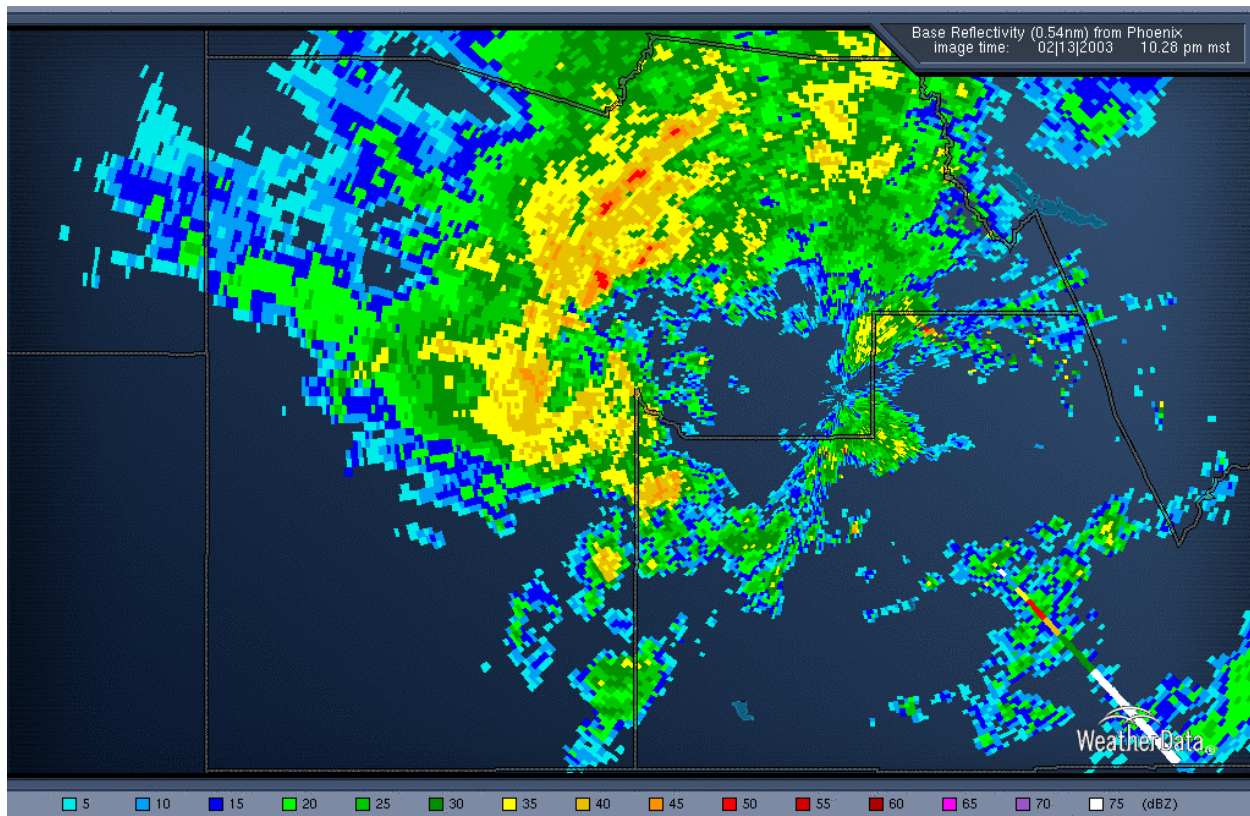
Storm Rainfall Depth Map

Created using Spatial Analyst within ARCView 3.2

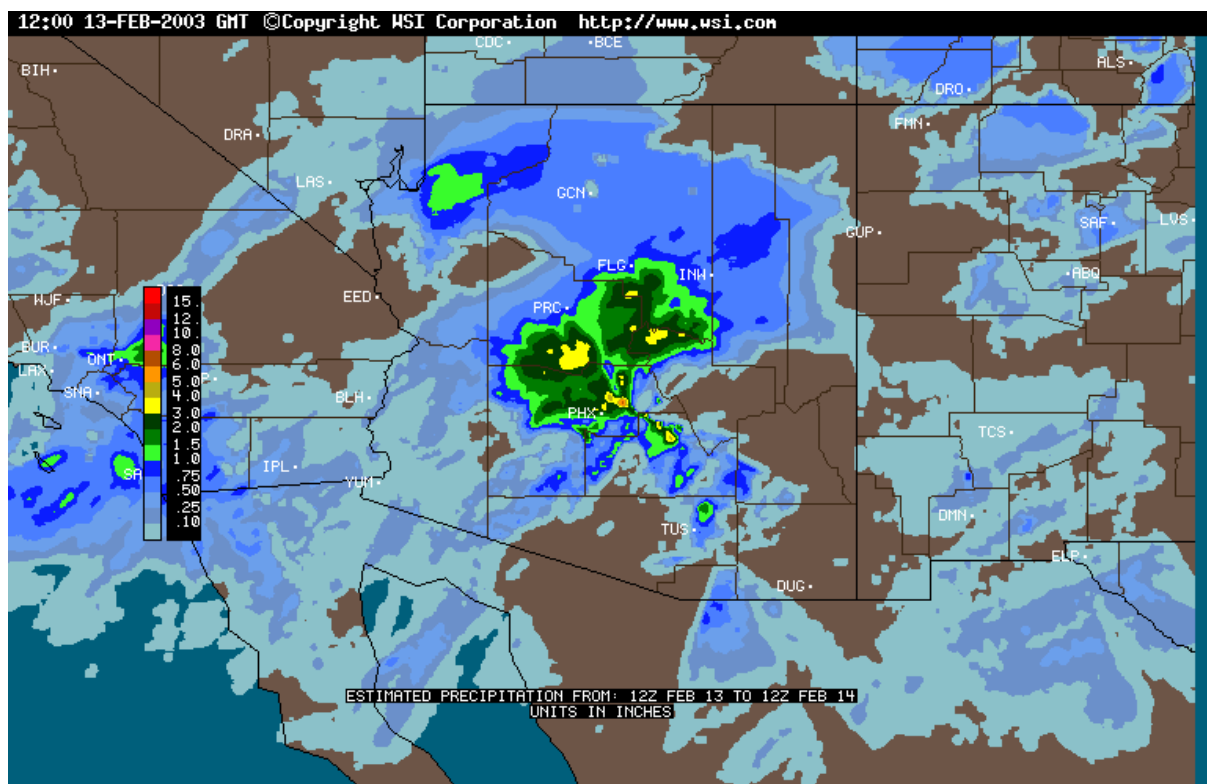


Radar-Estimated, Gage Adjusted Rainfall Depth Map, 24 hours prior to 02/13/03 at 6:10 PM

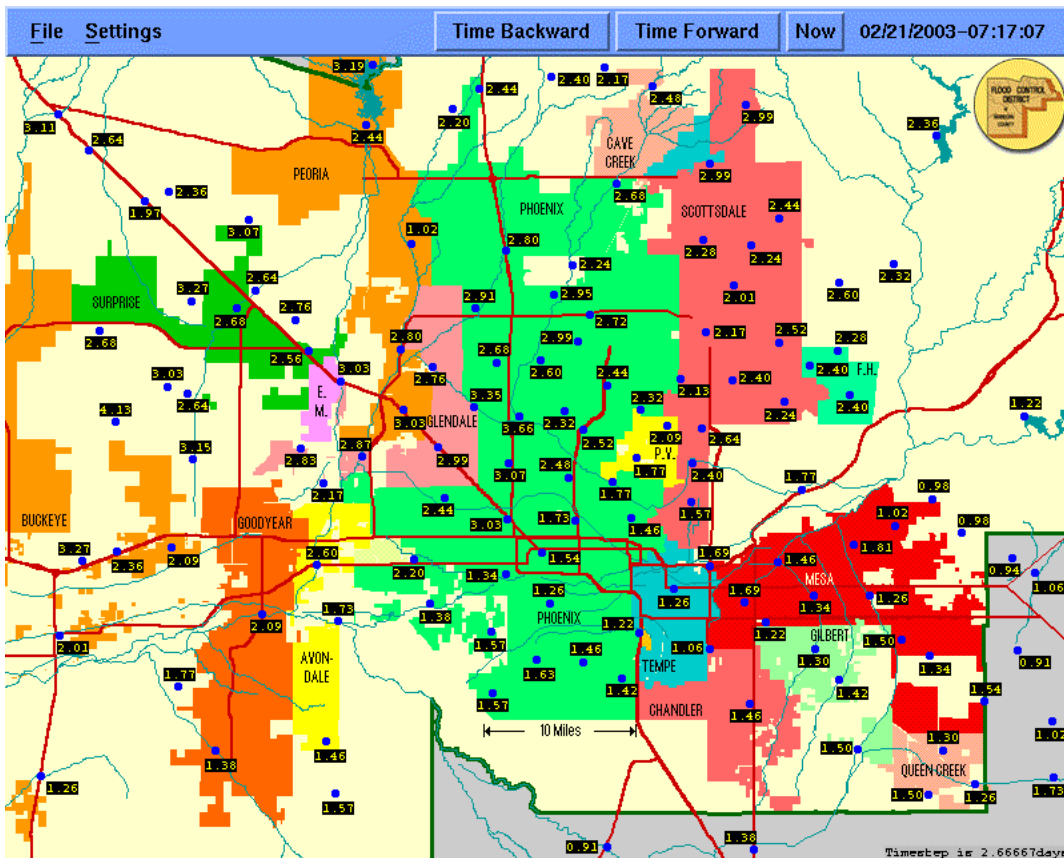
Created under contract with NEXRAIN, Inc.



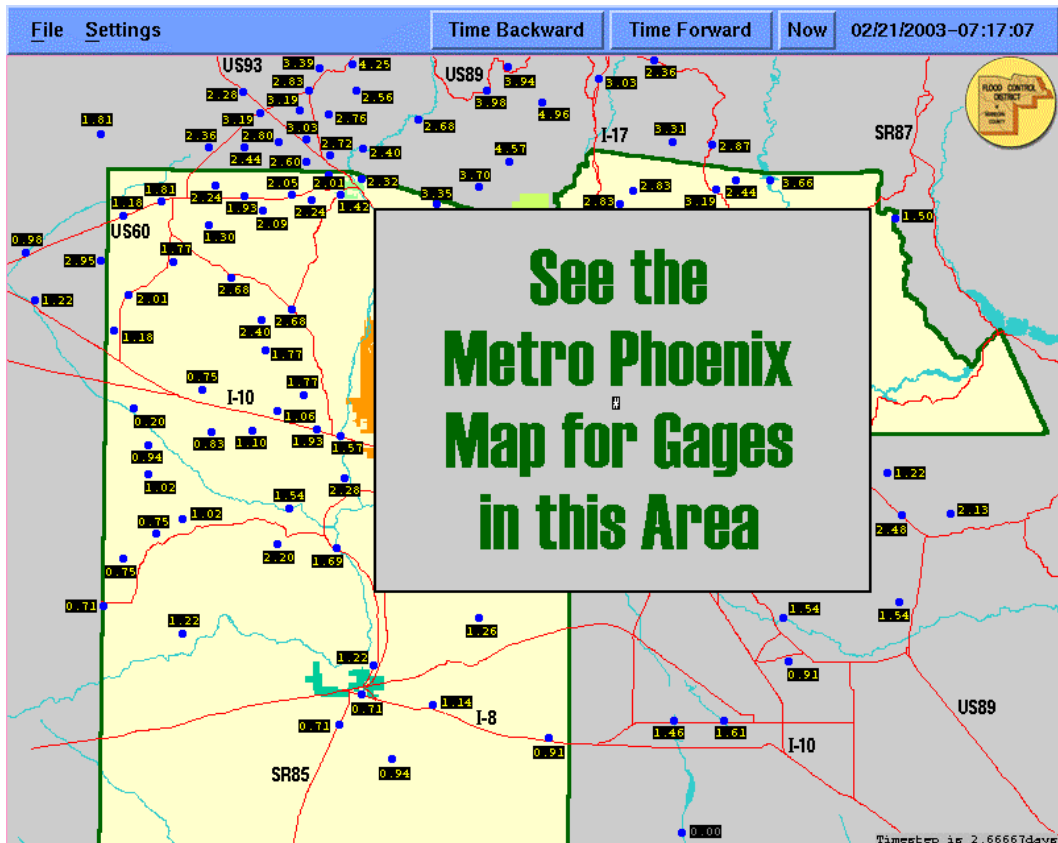
Phoenix NEXRAD RADAR Base Reflectivity Map
02/13/2003 at 10:28 PM
Note Embedded Thunderstorms in Red



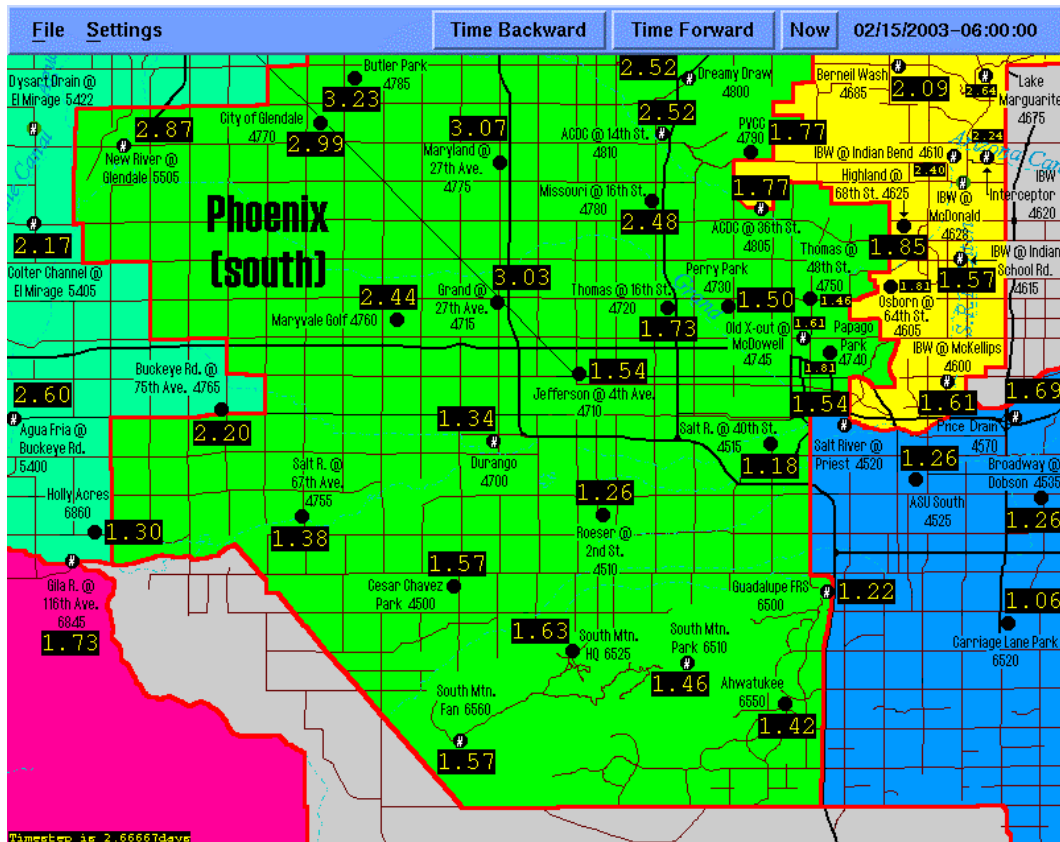
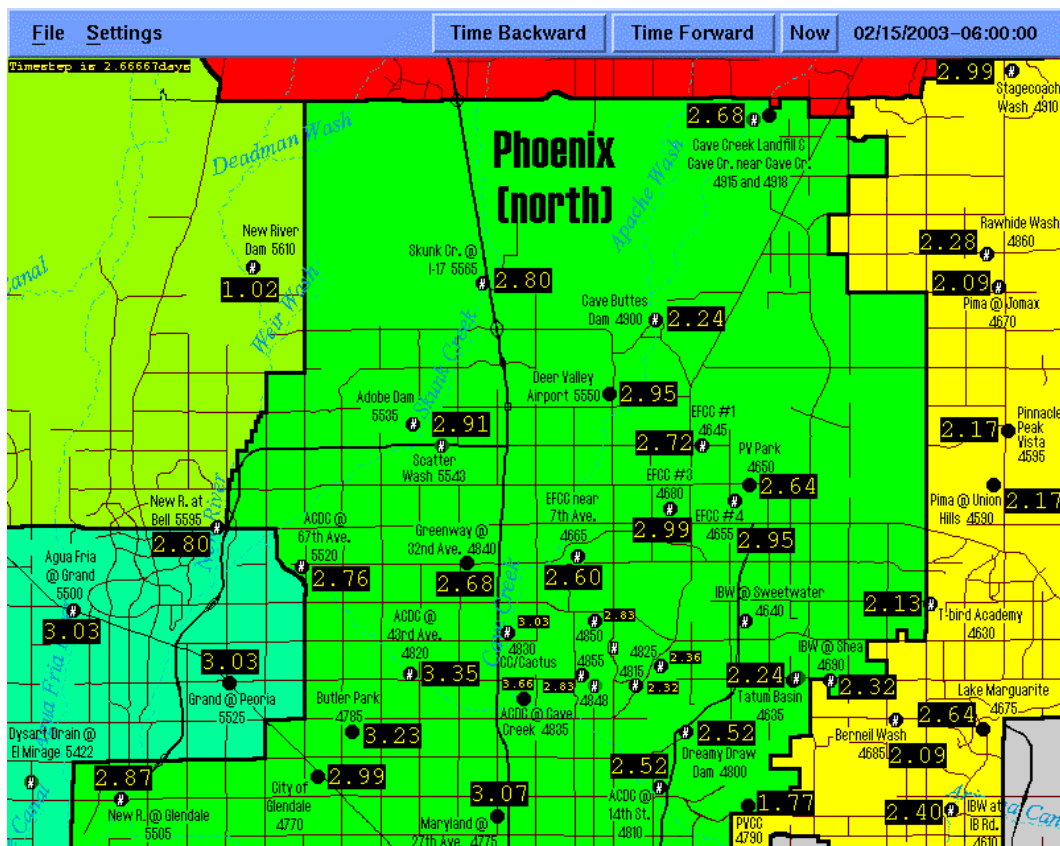
Radar-Estimated Rainfall Depth Map, 24 hours prior to 02/14/03 at 5:00 AM
 Courtesy WSI, Inc. from the "Intellicast" Web Site

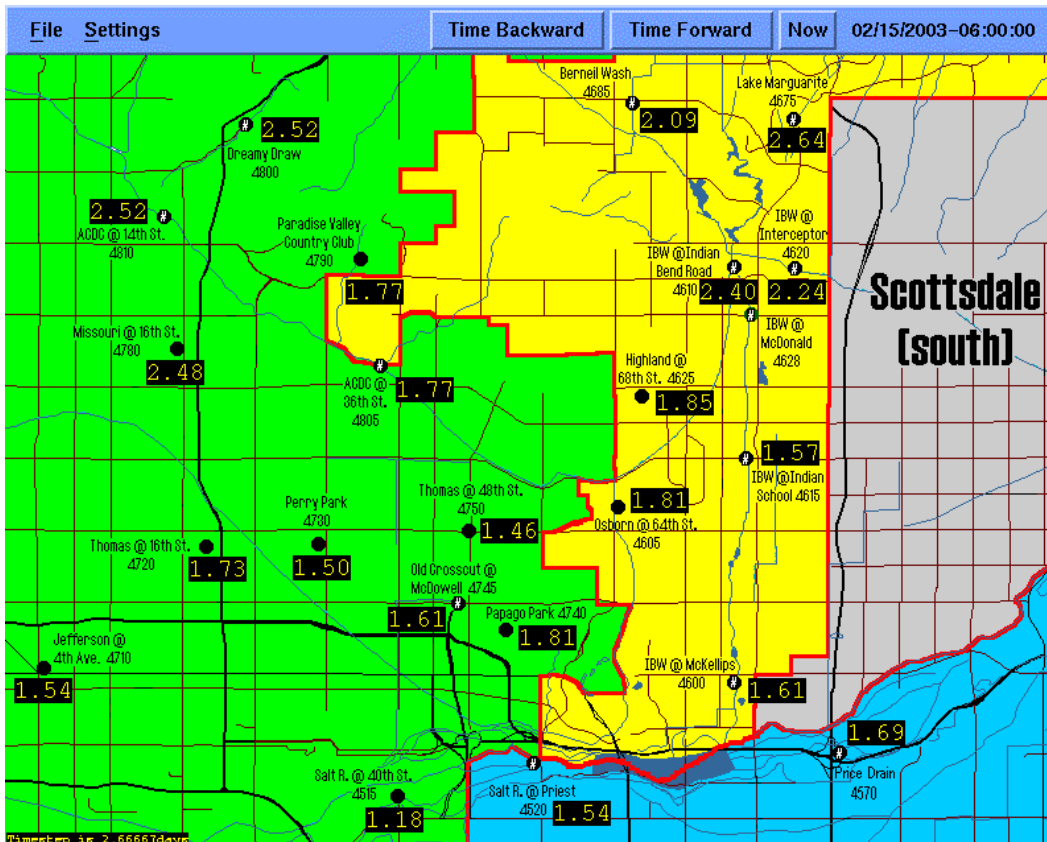
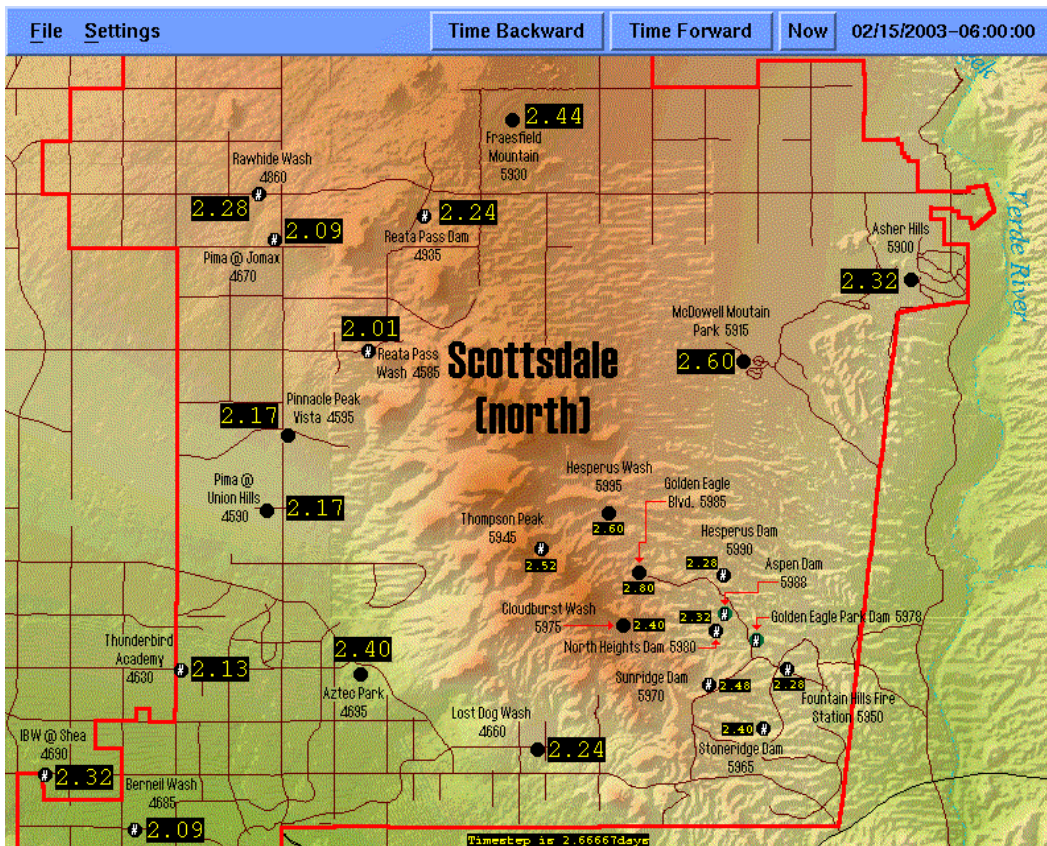


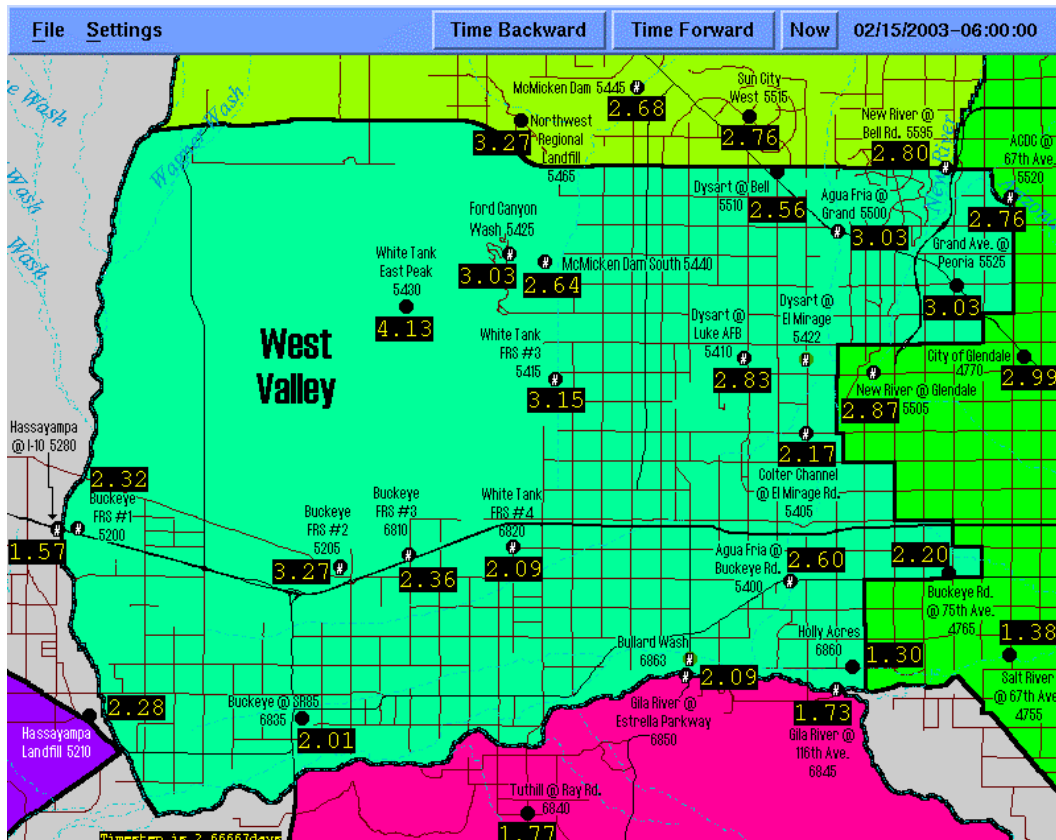
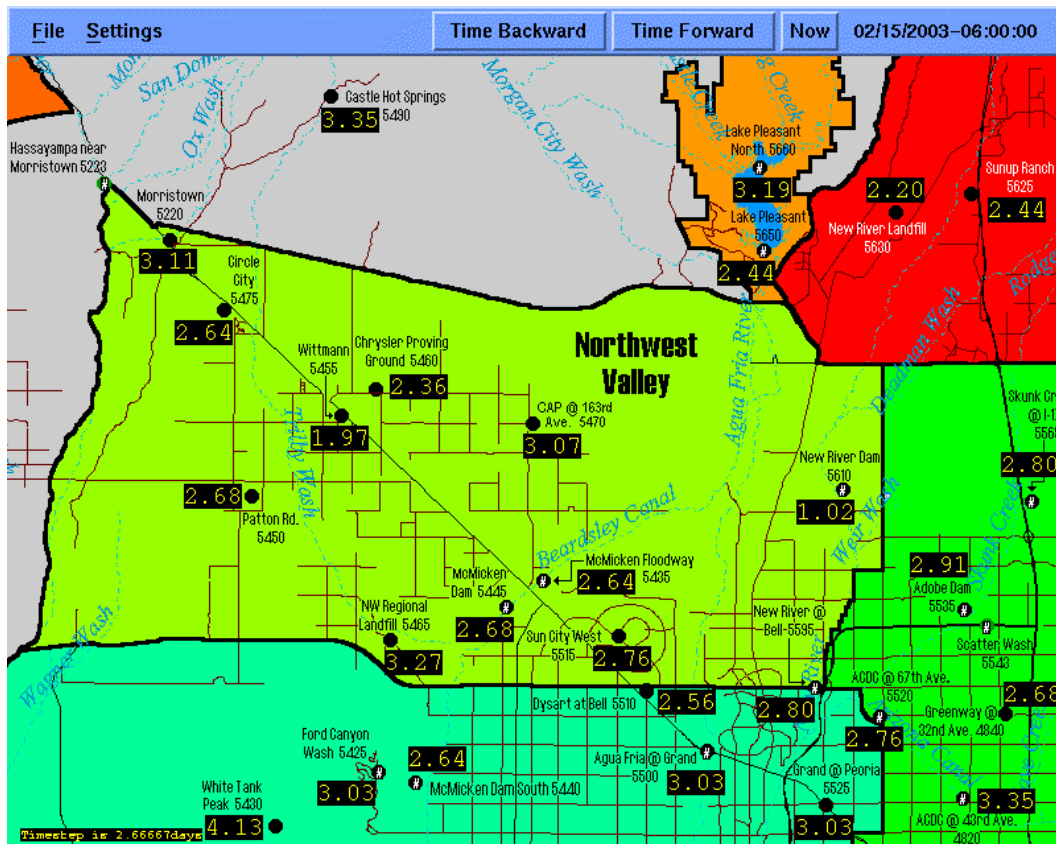
Metro Phoenix Storm-Total Rainfall Amounts in Inches at ALERT Stations
02/12/03 2:00 PM – 02/15/03 6:00 AM, 64 Hours

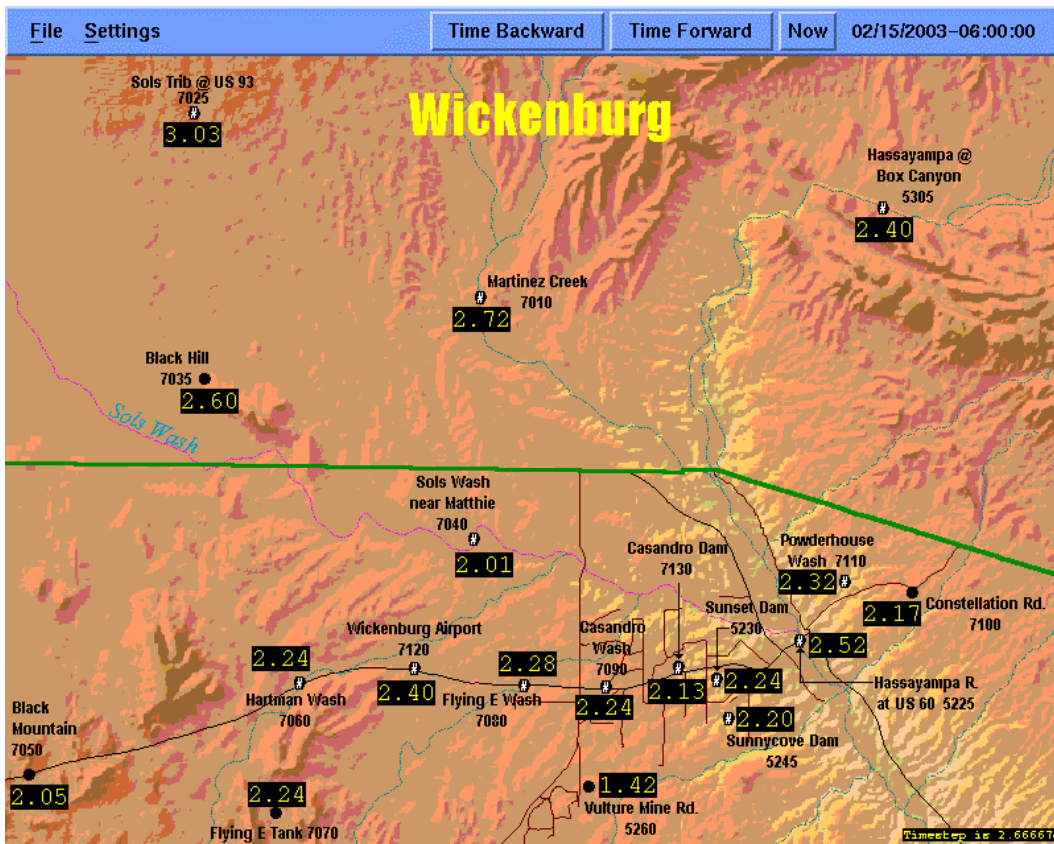


Maricopa County Storm-Total Rainfall Amounts in Inches at ALERT Stations
02/12/03 2:00 PM – 02/15/03 6:00 AM, 64 Hours

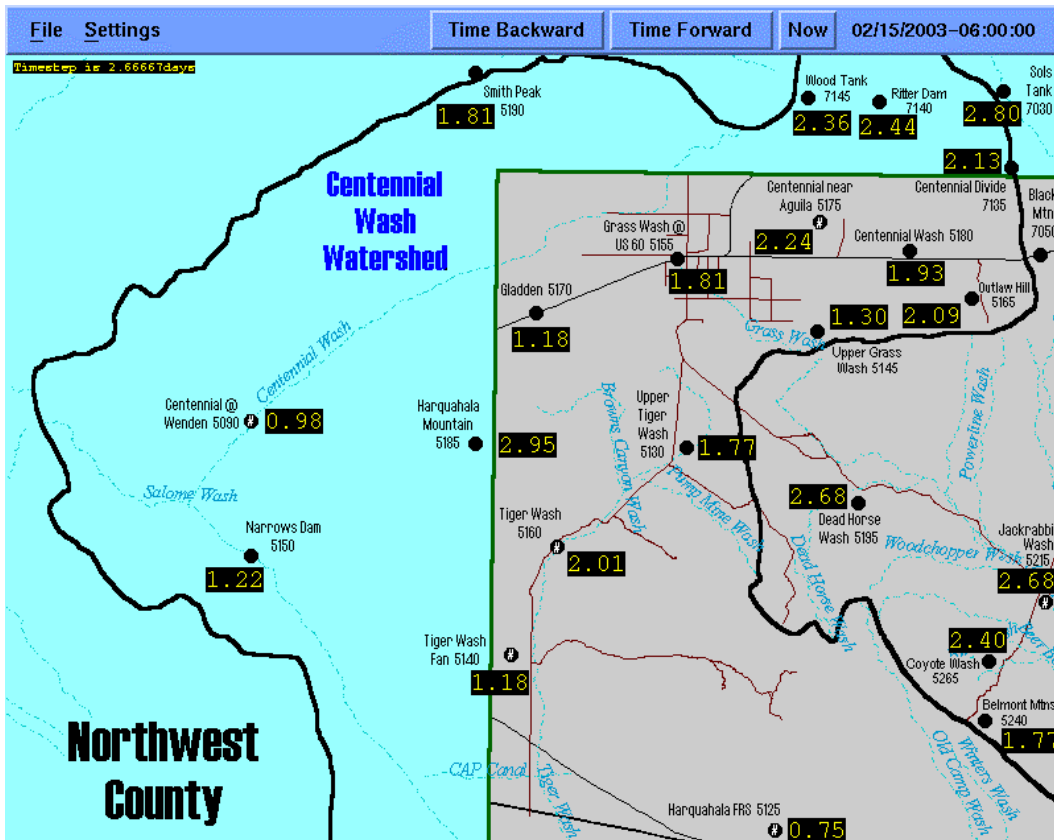




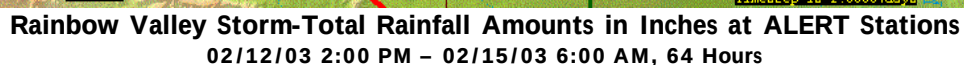
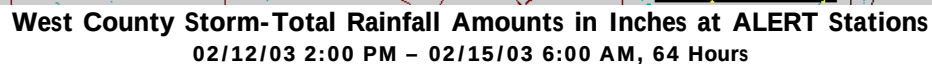


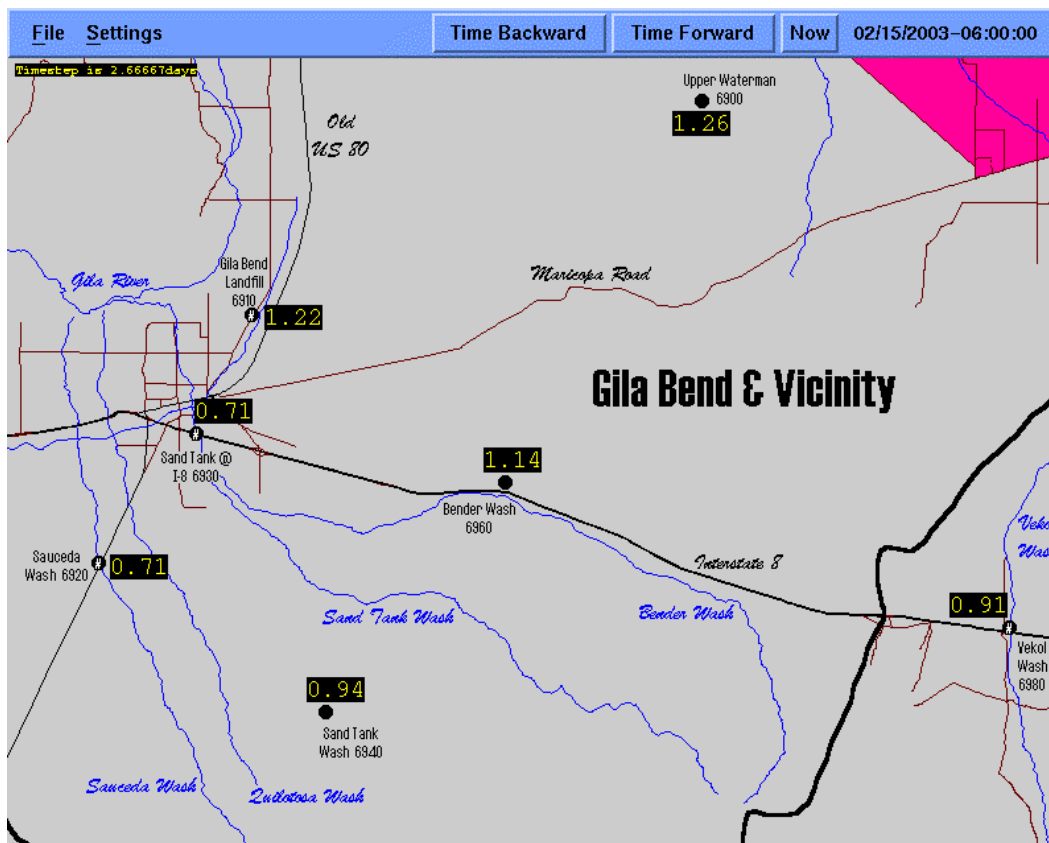


Wickenburg Storm-Total Rainfall Amounts in Inches at ALERT Stations
02/12/03 2:00 PM – 02/15/03 6:00 AM, 64 Hours



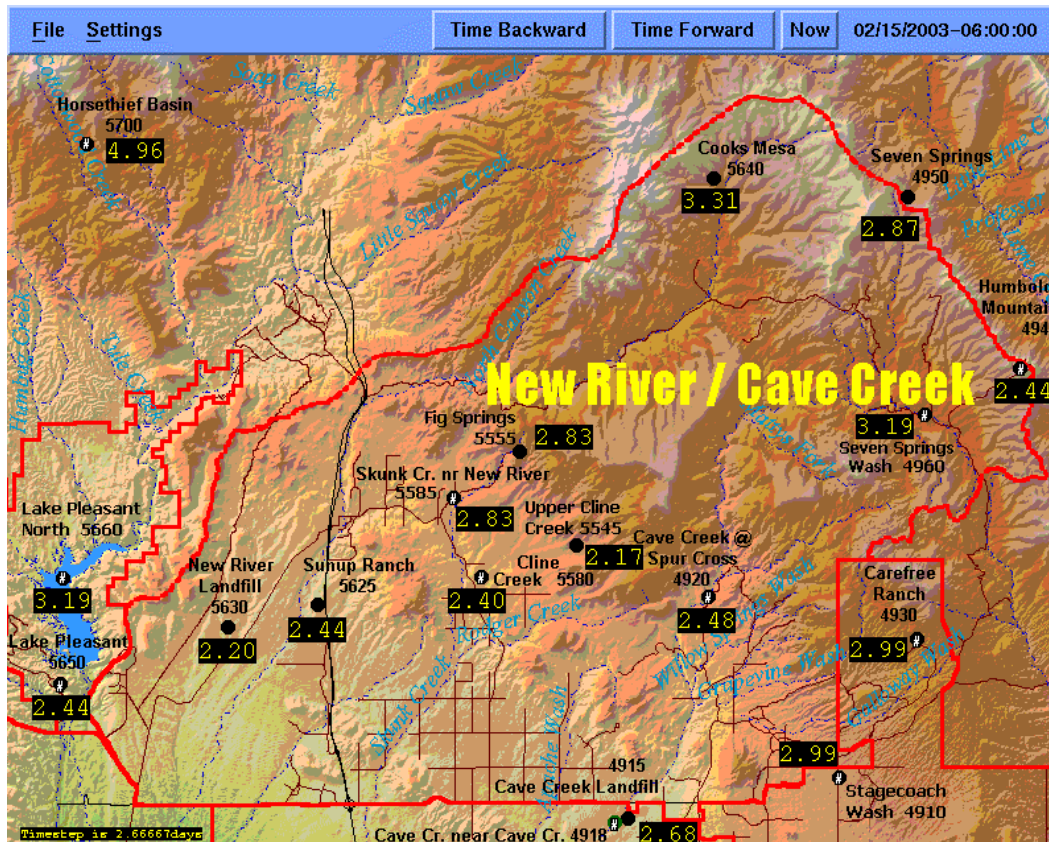
Northwest County Storm-Total Rainfall Amounts in Inches at ALERT Stations
02/12/03 2:00 PM – 02/15/03 6:00 AM, 64 Hours





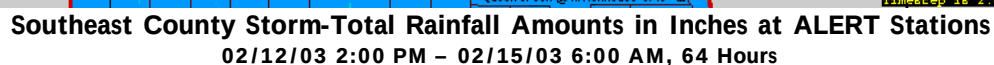
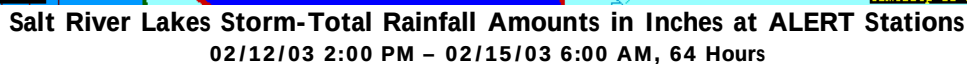
Gila Bend Storm-Total Rainfall Amounts in Inches at ALERT Stations

02/12/03 2:00 PM – 02/15/03 6:00 AM, 64 Hours



New River / Cave Creek Storm-Total Rainfall Amounts in Inches at ALERT Stations

02/12/03 2:00 PM – 02/15/03 6:00 AM, 64 Hours



RUNOFF EVENTS

Summary Statistics:

Number of Stream gage recording stations installed: 82

Number of Dam / Basin stage recording stations installed: 43

Number of Dams / Basins recording an impoundment: 33 (See Impoundment Summary Table)

Number of Stream Gages reporting flow: 62 (See Summary Streamflow table)

SUMMARY OF SIGNIFICANT IMPOUNDMENTS

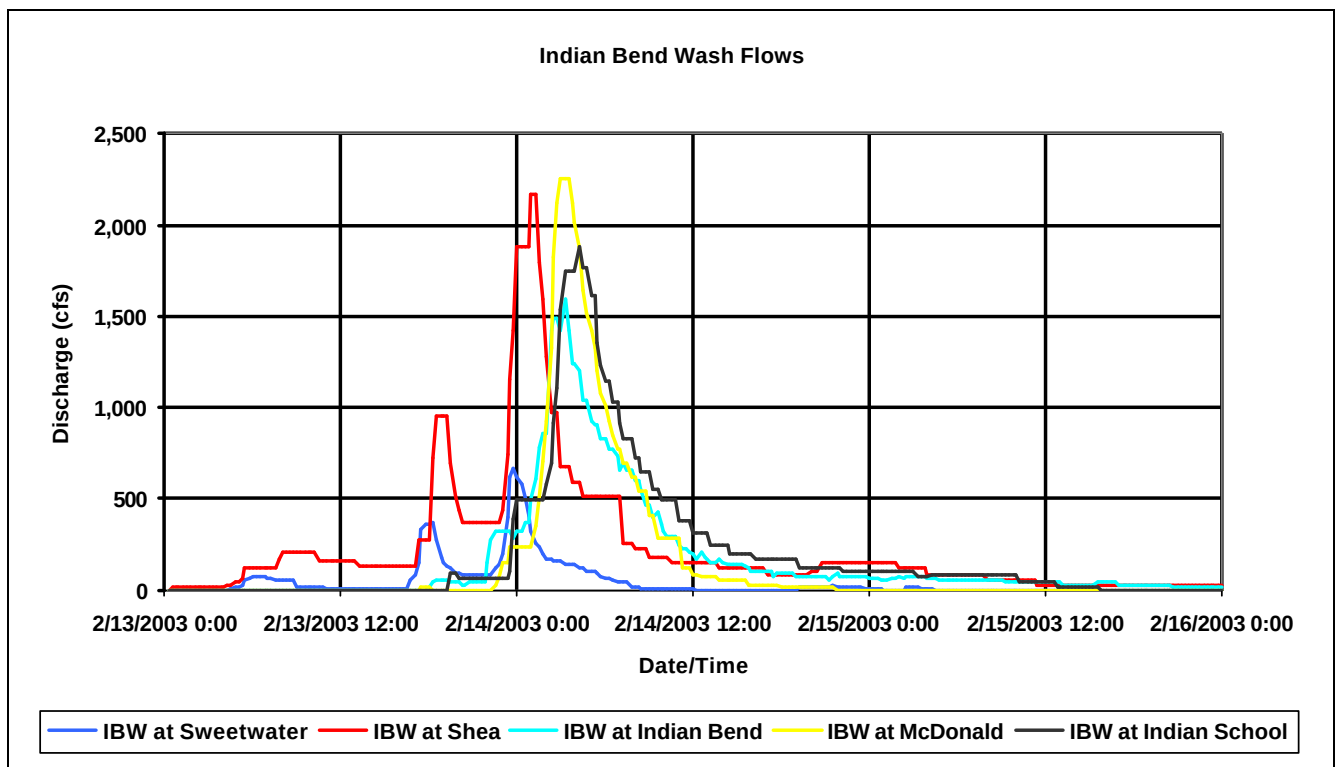
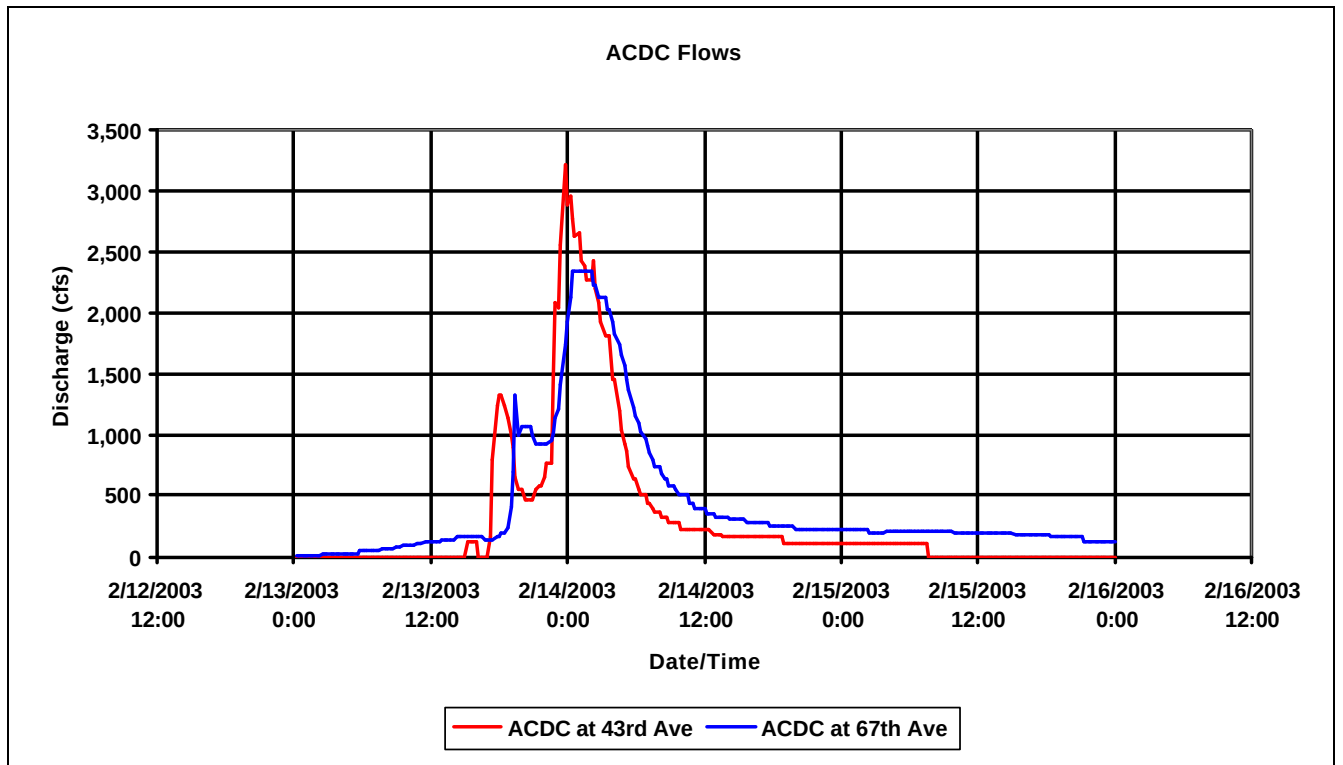
STATION NAME	ID	PEAK STAGE (feet)	PEAK OUTFLOW (cfs)	PEAK STORAGE (acre-feet)	PEAK CAPACITY (% full)	DATE - TIME
10th Street Wash Basin	4818	2.67	25	2.2	10	2/13 23:28
Adobe Dam	5534	6.92	330	143	<1	Unavailable
Aspen Dam	5988	2.12	33	0.6	<1	2/14 0:51
Buckeye #1 FRS	5203	4.96	243	570	7	2/14 6:36
Buckeye #2 FRS	5208	4.66	121	77	9	2/14 3:59
Cave Buttes Dam	4899	16.14	195	445	1	2/14 10:55
Dreamy Draw Dam	4803	11.74	134	5	2	2/13 23:27
EFCC Basin #1	4648	1.25	15	1	2	2/13 23:09
EFCC Basin #3	4683	1.08	43	0.4	<1	2/13 23:52
EFCC Basin #4	4658	3.30	60	6	8	2/13 23:28
Golden Eagle Park Dam	5978	6.36	490	3	3	2/14 0:54
Hesperus Dam	5993	2.33	32	<1	<1	2/14 0:33
McMicken Dam South	5443	1.30	0	NA	NA	2/13 23:27
McMicken Dam	5448	1.00	0	249	1	2/14 2:11
New River Dam	5609	3.34	210	126	<1	Unavailable
North Heights Dam	5983	6.09	115	0.5	<1	2/14 15:29
Phoenix Basin #3	4828	7.82	46	2.7	4	2/14 0:50
Phoenix Basin #7	4853	8.59	47	9.8	9	2/14 0:46
Phx West Park Dam	4858	9.40	50	14.1	12	2/13 17:13
Phx East Park Dam	4848	3.42	28	1.3	5	2/13 16:59
Reata Pass Dam	4938	2.80	53	NA	NA	2/13 23:38
Rittenhouse FRS	6703	8.58	97	239	7	2/14 9:30
Stoneridge Dam	5968	1.55	10	0.1	<1	2/14 0:12
Sunridge Canyon Dam	5973	3.06	49	<1	<1	2/13 15:25
Sunnycove FRS	5248	3.51	25	1	<1	2/14 3:02
Sunset FRS	5233	4.91	19	5	6	2/14 4:15
Tat Momolikot Dam	0773	3.06	0	570	<1	2/15 6:33
Tatum Basin	4653	5.53	32	12.9	42	2/14 0:24

NOTE: Data that are **Unavailable** are due to an equipment malfunction. Peak data were recovered by means of observed high water marks.

SUMMARY OF SIGNIFICANT STREAMFLOW READINGS

STATION	ID	PEAK STAGE (feet)	PEAK RUNOFF (cfs)	DATE - TIME
ACDC at 14th Street	4813	2.25	241	2/14 0:07
ACDC at 43rd Avenue	4823	4.65	3,208	2/13 23:39
ACDC at 67th Avenue	5523	6.22	2,339	2/14 1:41
Adobe Dam Outlet	5538	3.90	382	2/14 5:29
Agua Fria at Buckeye Rd	5403	0.60	2,677	2/14 6:15
Berneil Wash	4688	1.42	323	2/13 23:59
Bullard Wash	6863	0.79	154	2/14 5:44
Cave Buttes Dam Outlet	4903	4.71	292	2/14 12:22
Cave Creek at Cactus Rd	4833	11.43	1,309	2/14 1:28
Cave Creek nr Cave Creek	4918	1.77	443	2/14 1:11
Centennial Wash at SPRR	5103	5.01	1,102	2/14 2:09
Colter Channel at El Mirage	5408	1.30	95	2/13 22:36
Cruff Wash	5078	2.22	214	2/13 21:41
Dysart Drain at LAFB	5413	2.28	264	2/14 0:37
Dysart Drain at El Mirage	5422	4.32	545	2/14 0:52
EFCC near 7th Ave.	4668	3.95	533	2/13 23:58
Ford Canyon Wash	5428	3.22	727	2/13 23:07
Gila River at Estrella Pkwy	6853	5.90	767	2/14 5:46
Hassayampa at Wagoner	5352	107	4.62	2/14 0:19
Hassayampa at Box Canyon	5308	4.72	467	2/13 23:36
Hassayampa at US 60	5228	1.62	771	2/14 2:31
Hassayampa at Morristown	5223	9.57	1,990	2/13 20:00
Hassayampa River at I-10	5283	2.47	651	2/14 3:04
IBW at Sweetwater	4643	3.15	661	2/13 23:32
IBW at Shea Blvd.	4693	3.10	2,160	2/14 0:57
IBW nr Indian Bend Rd	4613	4.50	1,599	2/14 3:01
IBW at McDonald Dr	4628	2.85	2,250	2/14 2:54
IBW at Indian School Rd	4618	4.86	1,880	2/14 4:10
IBW at McKellips	4603	4.40	2,500	Unavailable
IBW Interceptor Channel	4623	2.25	223	2/14 2:41
Jackrabbit Wash	5218	3.58	1,275	2/14 3:42
Lake Marguarite	4678	1.70	228	2/14 0:13
New River at Glendale Ave	5508	1.90	1,783	2/13 23:13
Martinez Creek	7013	4.25	1,127	2/13 19:52
New River Dam Outlet	5613	4.70	215	Unavailable
Old Cross Cut	4748	1.86	339	2/14 1:48
Queen Creek at CAP	6723	3.30	238	2/14 6:29
Salt River at Priest Dr	4523	4.35	3,972	2/14 5:12
Scatter Wash	5543	1.73	783	2/14 1:30
Skunk Creek nr New River	5588	1.62	173	2/13 22:03
Skunk Creek at I-17	5568	2.52	893	2/14 2:02
Sols Wash at SR 71	5276	0.78	97	2/13 18:26
Sols Wash nr Matthie	7043	1.13	256	2/14 4:02
Tatum Wash	4638	1.55	452	2/13 23:37
Tiger Wash	5163	5.12	278	2/14 0:24
Upper Trilby Wash	5488	1.62	88	2/13 22:11
Vekol Wash	6983	5.52	409	2/13 17:14
Waterman Wash	6833	4.20	484	2/14 2:18

SELECTED STORM HYDROGRAPHS



ALERT SYSTEM PERFORMANCE

Overall, the performance of the ALERT System was exemplary. Throughout the duration of the storm, 97% of the rain gages functioned, 94% of the stream/impoundment gages that received flow functioned and all 129 weather sensors functioned.

The following rain gages had either plugged funnels, stuck tipping buckets, or severe calibration errors: Waterman @ Rainbow Valley Rd., Vineyard FRS, IBW @ McKellips, Agua Fria @ Grand, IBW @ Shea, Butler Park, and IBW Interceptor. Estimates were made for each from nearby stations. No rain gages failed due to electronic, battery, radio or signal path problems. South Mtn. Park HQ rain gage had a programming error which caused it to count by two instead of one during parts of the event - this data was edited and is considered correct for this report.

All of the stream/impoundment sensors that failed to transmit data were of the non-submersible pressure transducer type. As a result of these failures the branch will implement quarterly inspections of this gage type, rather than the previous bi-annual visits. The gage on Centennial Wash at Wenden was out of service due to bridge construction.

The ALERT section of the Flood Control District's web page recorded 39,103 text and graphic files requested during the storm period. No products were available from 02/15/03 18:04 through 20:27 (2-hrs 23-minutes). The down period was not the fault of the ALERT server, but was caused by a failure of one of the many machines in the County/ASU system.

Following is a table of all ALERT System alarms that sounded during the event:

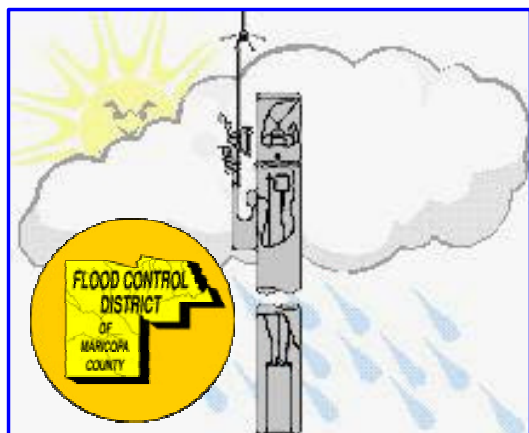
ID	Name	Type and Cause	Date-Time
4785	Butler Park	Sensor rainfall rate	02/12/2003-20:38:47
4555	Falcon Field	Sensor rainfall rate	02/12/2003-23:14:43
6545	Broadway @ Lindsay	Sensor rainfall rate	02/13/2003-03:18:28
4545	Brown Rd. @ Horne	Sensor rainfall rate	02/13/2003-03:36:59
4785	Butler Park	Sensor rainfall rate	02/13/2003-03:46:32
4535	Broadway @ Dobson	Sensor rainfall rate	02/13/2003-04:12:45
4515	Salt R. @ 40th St	Sensor rainfall rate	02/13/2003-04:26:32
4835	ACDC @ Cave Creek	Sensor rainfall rate	02/13/2003-16:35:51
4855	Phoenix West Park	Sensor rainfall rate	02/13/2003-16:38:59
4858	Phoenix West Park	Sensor upper limit	02/13/2003-16:58:22
4821	ACDC @ 43rd Ave	Sensor upper limit	02/13/2003-17:19:58
4823	ACDC @ 43rd Ave	Sensor upper limit	02/13/2003-17:19:58
4620	IBW Interceptor	Sensor rainfall rate	02/13/2003-17:45:13
7145	Wood Tank	Sensor rainfall rate	02/13/2003-17:54:49
4643	IBW @ Sweetwater	Sensor upper limit	02/13/2003-18:01:03
4693	IBW @ Shea Blvd	Sensor upper limit	02/13/2003-18:12:35
5543	Scatter Wash	Sensor upper limit	02/13/2003-18:56:15
5523	ACDC @ 67th Ave	Sensor upper limit	02/13/2003-19:14:01
5223	Hassy near Morristown	Sensor upper limit	02/13/2003-19:48:11
7013	Martinez Creek	Sensor upper limit	02/13/2003-19:48:27
5218	Jackrabbit Wash	Sensor upper limit	02/13/2003-20:38:13
5415	White Tank FRS #3	Sensor rainfall rate	02/13/2003-21:33:02
5585	Skunk Cr near New River	Sensor rainfall rate	02/13/2003-21:52:41
5422	Dysart Drain El Mirage	Sensor upper limit	02/13/2003-21:57:22

ID	Name	Type and Cause	Date-Time
5443	McMicken Dam South	Sensor upper limit	02/13/2003-22:07:58
4820	ACDC @ 43rd Ave	Sensor rainfall rate	02/13/2003-22:15:31
4833	Cave Creek @ Cactus	Sensor upper limit	02/13/2003-22:43:19
5428	Ford Canyon Wash	Sensor upper limit	02/13/2003-22:57:09
5508	New River @ Glendale	Sensor upper limit	02/13/2003-22:58:12
4858	Phoenix West Park	Sensor upper limit	02/13/2003-23:03:21
4800	Dreamy Draw Dam	Sensor rainfall rate	02/13/2003-23:05:37
4668	EFCC nr 7th Ave	Sensor upper limit	02/13/2003-23:15:07
4818	10th St. Wash Basin	Sensor upper limit	02/13/2003-23:28:24
5103	Centennial Railroad	Sensor upper limit	02/13/2003-23:29:07
4618	IBW @ Indian School	Sensor upper limit	02/13/2003-23:35:44
4638	Tatum Basin	Sensor upper limit	02/13/2003-23:37:14
6629	Crossroads Park	Sensor upper limit	02/13/2003-23:40:41
6833	Waterman @ Rainbow Val.	Sensor upper limit	02/13/2003-23:43:09
4653	Tatum Basin Outlet	Sensor upper limit	02/13/2003-23:49:29
5413	Dysart Drain @ LAFB	Sensor upper limit	02/13/2003-23:57:14
4613	IBW @ Indian Bend	Sensor upper limit	02/14/2003-01:11:29
5283	Hassayampa R @ I-10	Sensor upper limit	02/14/2003-01:19:25
5203	Buckeye FRS #1	Sensor upper limit	02/14/2003-01:38:03
5218	Jackrabbit Wash	Sensor upper limit	02/14/2003-01:42:13
4628	IBW @ McDonald	Sensor upper limit	02/14/2003-01:59:48
5613	New River Dam	Sensor upper limit	02/14/2003-02:29:30
5163	Tiger Wash	Sensor upper limit	02/14/2003-03:04:17
5538	Adobe Dam Outlet	Sensor upper limit	02/14/2003-04:24:01
6723	Queen Creek @ CAP	Sensor upper limit	02/14/2003-09:32:49
5422	Dysart Drain El Mirage	Sensor upper limit	02/14/2003-09:42:21
4903	Cave Buttes Dam	Sensor upper limit	02/14/2003-12:22:53
6573	EMF @ Broadway Rd	Sensor upper limit	02/14/2003-12:50:54
6848	Gila R. @ 116th Ave	Sensor report overdue	02/14/2003-16:05:01
6858	Gila @ Estrella Pkwy	Sensor report overdue	02/14/2003-19:05:55
5503	Agua Fria @ Grand Ave	Sensor report overdue	02/14/2003-22:48:07

The following MCDOT Flooded Roadway Response Program gages recorded flows that reached their intended road crossings:

- ?? Jackrabbit Wash – 1,275 cfs measured at the gage, flow reached Wickenburg Road
- ?? Cruft Wash – 214 cfs measured at the gage, flow reached Agua Caliente Road
- ?? Hassayampa R. at Morristown – 1,990 cfs measured at the gage, flow reached Patton Road
- ?? Tiger Wash – 278 cfs measured at the gage, flow reached Eagle Eye Road
- ?? Centennial Railroad – 1,102 cfs measured at the gage, flow reached Old US 80
- ?? Agua Fria at Buckeye – 2,677 cfs measured at the gage, flow reached Lower Buckeye Road
- ?? Sols Wash near Matthie – 256 cfs measured at the gage, flow reached Vulture Mine Road
- ?? Martinez Creek – 1,127cfs measured at the gage, flow reached Scenic Loop Road

APPENDIX A – MSP Products Disseminated During the Event



Flood Control District of Maricopa County
Meteorological Services Program (MSP)

WEATHER OUTLOOK

Web link to real-time radar information:

www.phx.noaa.gov/weather/radar.html

Web link to near real-time satellite pictures:

www.phx.noaa.gov/weather/sat.html

Web link to map of the MSP Zones:

<http://156.42.96.39/xrainmaps.html>

Date & Time: Monday, February 10, 2003 at 1:10 PM MST
Forecaster: Jim Perfrement

SYNOPSIS:

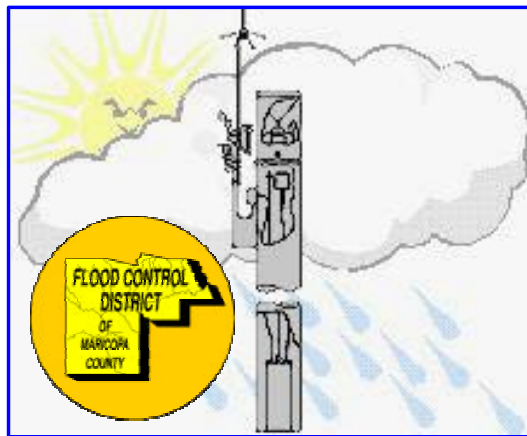
No real problems this afternoon through Tuesday, though thickening sub-tropical high clouds. Moisture from the tropics will continue to move into, and linger over, Arizona through Friday - possibly Saturday. As a result a threat of showers and thunderstorms will develop and be with us for some time.

So it really isn't a matter as to whether or not we will get some rain - we will. Now the forecast problem is when and how much. Right now I believe the bulk of the rain will fall in the Wednesday / Thursday period (perhaps even a few sprinkles as early as tomorrow). As to how much - during the Wednesday / Thursday period totals of over a half inch very possible, approaching an inch not out of the question. Stay tuned.

High temperatures this afternoon will be mostly in the middle and upper 60s, and about the same tomorrow. Low readings tonight, due to clouds, will be milder - well above freezing.

Winds were light this morning, and should remain mostly less than 10 mph this afternoon through Tuesday morning. There could be local gusts to over 15 mph tomorrow afternoon.

Forecast Zone	2 PM thru Tue Morning Chance of Measurable Rain (%)	Prime Time	Maximum Prime Time Amount (in.)
Gila Bend			
Palo Verde	C		
Rainbow Valley	L		
West Valley	O		
Northwest Valley	S		
Upper Centennial	E		
Wickenburg			
New River/Cave Creek	T		
Phoenix	O		
Scottsdale North			
Scottsdale Central	Z		
Scottsdale South	E		
Southeast Valley	R		
Lower Salt River Lakes	O		
Superstition			



Flood Control District of Maricopa County Meteorological Services Program (MSP)

WEATHER OUTLOOK

Web link to real-time radar information:
www.phx.noaa.gov/weather/radar.html

Web link to near real-time satellite pictures:
www.phx.noaa.gov/weather/sat.html

Web link to map of the MSP Zones:
<http://156.42.96.39/xrainmaps.html>

Date & Time: Tuesday, February 11, 2003 at 1:10 PM MST
Forecaster: Jim Perfrement

SYNOPSIS:

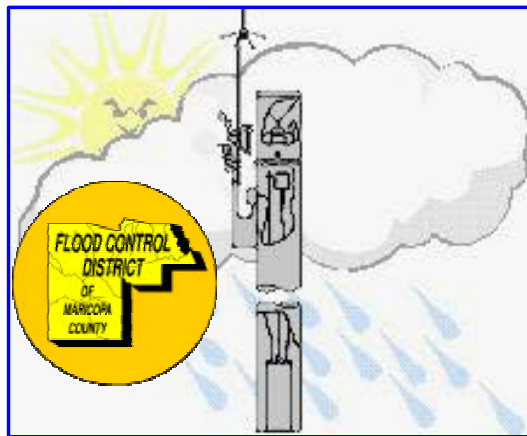
It's going to rain, and rain, and rain. Clouds now over the MSP area will continue to thicken this afternoon and tonight - possibly a few sprinkles. But the main event will be Wednesday and Thursday, with the heavier rains from tomorrow afternoon into Thursday. Rain totals for the two day period could very well average close to an inch, with spotty accumulations closer to an inch and a half (especially possible over the higher terrain). Rain will decrease Friday and the threat should come to an end sometime Friday night or Saturday - dry Sunday and Monday.

I have some doubts there will be significant flooding, though flooded roadway dips a given, and some of the washes, especially the smaller ones, will run. But much of the rain will be quickly absorbed by the very dry ground; and the above expected rain totals are for a two day period, not a few hours. However, we will watch events as they develop closely, and you should keep storm action / flood response plans nearby - just in case.

High temperatures this afternoon, and through the weekend, should be rather mild (thus a fairly high snow level). High readings today will range from the middle 60s to lower 70s, about the same tomorrow, only lowering a few degrees Thursday through Saturday (a little warmer Sunday).

Winds this afternoon will be in the 5 to 15 mph range, with little change tonight and Wednesday morning. But it could become breezy tomorrow afternoon, with a few gusts to around 20 mph (stronger if thunderstorms develop). And it could be breezy at times Thursday and Friday.

Forecast Zone	2 PM thru Wed Morning Chance of Measurable Rain (%)	Prime Time	Maximum Prime Time Amount (in.)
Gila Bend	50		
Palo Verde	50		
Rainbow Valley	50		
West Valley	50		.20
Northwest Valley	50	M	
Upper Centennial	50	O	
Wickenburg	50	R	T
New River/Cave Creek	40	N	O
Phoenix	40	I	
Scottsdale North	30	N	
Scottsdale Central	30	G	.40
Scottsdale South	30		
Southeast Valley	30		
Lower Salt River Lakes	30		
Superstition	30		



Flood Control District of Maricopa County
Meteorological Services Program (MSP)

--- MORNING ---

WEATHER OUTLOOK

Web link to real-time radar information:

www.phx.noaa.gov/weather/radar.html

Web link to near real-time satellite pictures:

www.phx.noaa.gov/weather/sat.html

Web link to map of the MSP Zones:

<http://156.42.96.39/xrainmaps.html>

Date & Time: Wednesday, February 12, 2003 at 8:00 AM MST
Forecaster: Jim Perfrement

SYNOPSIS:

I know - where's the rain? Keep the faith - it's coming. At 730 this morning the leading edge was over far western Arizona, slowly moving east. There may be a few light showers this morning but it will be afternoon before things really get going - heaviest rains late this afternoon through Thursday morning.

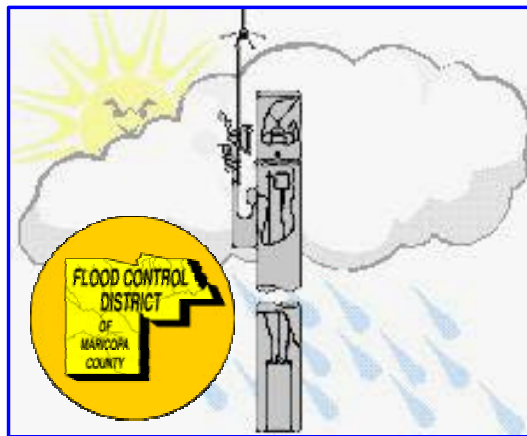
The next question - how much will we get ? Wednesday afternoon through Thursday we could get about an inch of rain, locally more if thunderstorms develop (especially over the higher terrain).

Next question - any threat of flooding? The answer is yes and no. I'm quite sure there will be flooded roads and low spots, and the smaller washes may fill. But I still feel no significant flooding, due to the fact much of the rain will be absorbed by our very dry ground; and the rain accumulation will be over a 24 to 36 hour period - not a few hours per monsoon storms. However, it would be a very good idea to get your storm action plans and/or flood response plans dusted off - just in case.

High temperatures today will be very mild (it was in the lower 60s some areas at 730 this morning). Highs this afternoon will be mostly in the upper 60s and 70s. Readings tomorrow afternoon will be mostly from the middle 50s to the lower or middle 60s.

Winds were light overnight but may gust to between 15 and 20 mph many areas this afternoon - stronger if thunderstorms in the area.

Forecast Zone	9 AM - 6 PM Chance of Rain (%)	Prime Time	Maximum Prime Time Amount (in.)
Gila Bend	60		
Palo Verde	60		
Rainbow Valley	60		
West Valley	60	2 PM	.30
Northwest Valley	60		
Upper Centennial	70		
Wickenburg	60	T	T
New River/Cave Creek	50	O	O
Phoenix	50		
Scottsdale North	50		
Scottsdale Central	50	6 PM	.50
Scottsdale South	50		
Southeast Valley	50		
Lower Salt River Lakes	50		
Superstition	50		



Flood Control District of Maricopa County Meteorological Services Program (MSP)

WEATHER OUTLOOK

Web link to real-time radar information:

www.phx.noaa.gov/weather/radar.html

Web link to near real-time satellite pictures:

www.phx.noaa.gov/weather/sat.html

Web link to map of the MSP Zones:

<http://156.42.96.39/xrainmaps.html>

Date & Time: Wednesday, February 12, 2003 at 1:10 PM MST
Forecaster: Jim Perfrement

SYNOPSIS:

Forecast remains about the same. Per radar considerable rain moving our way - main activity still to our southwest. And guidance insists the sub-tropical moisture will result in heavy rain at times over the next 48 to 60 hours. The heaviest rain is forecast to develop tonight, probably continuing into Thursday morning. And then perhaps locally heavy rain redeveloping Thursday night for a while. Rain should decrease Friday, and end Friday night - dry over the weekend and early next week.

Rain totals should be impressive - perhaps an inch plus in the next 24 hours followed by another half inch the following 24 hours (some of my guidance forecast even higher amounts) - see table below. Many street depressions and low areas will flood, and many of the smaller washes will probably fill, but overall I still believe the threat of significant flooding (of larger washes, streams and rivers) is rather low.

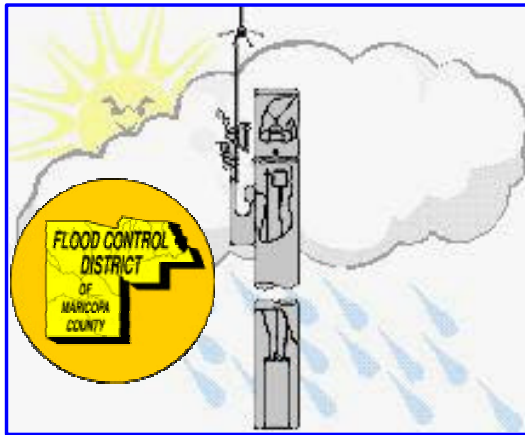
However, it would be best to break out storm action and/or flood response plans - better safe than sorry.

High temperatures this afternoon will range from the middle 60s to lower 70s - a few degrees cooler tomorrow due to rain. Readings will not change much Friday or Saturday, but warm some Sunday and Monday.

Wind gusts this afternoon through Thursday will be mostly in the 10 to 20 mph range, though stronger near thunderstorms if they develop. It will remain locally breezy Friday then back off to the usual 5 to 15 mph range.

Note: Steve and I plan on going home later this afternoon, but will return to work if/when heavier rain moves into the MSP area.

Forecast Zone	2 PM thru Thu Morning Chance of Measurable Rain (%)	Prime Time	Maximum Prime Time Amount (in.)
Gila Bend	80		1.00
Palo Verde	80		1.00
Rainbow Valley	80		1.00
West Valley	80	11 PM	1.25
Northwest Valley	90		1.35
Upper Centennial	90		1.50
Wickenburg	90	T	1.50
New River/Cave Creek	90	O	1.50
Phoenix	80		1.25
Scottsdale North	90		1.40
Scottsdale Central	80	11 AM	1.25
Scottsdale South	80		1.25
Southeast Valley	80		1.25
Lower Salt River Lakes	80		1.25
Superstition	80		1.25



Flood Control District of Maricopa County
Meteorological Services Program (MSP)

--- UPDATED ---

WEATHER OUTLOOK

Web link to real-time radar information:

www.phx.noaa.gov/weather/radar.html

Web link to near real-time satellite pictures:

www.phx.noaa.gov/weather/sat.html

Web link to map of the MSP Zones:

<http://156.42.96.39/xrainmaps.html>

Date & Time: Thursday, February 13, 2003 at 4:55 AM MST
Forecaster: Jim Perfrement

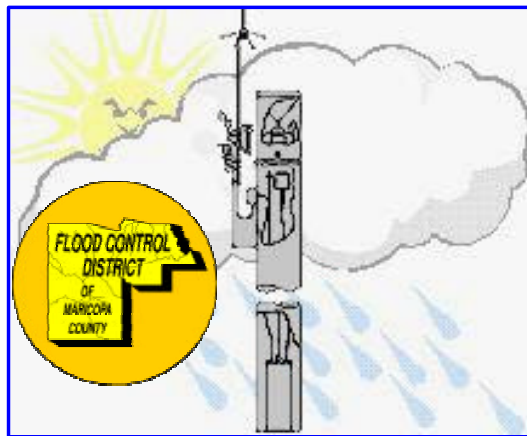
SYNOPSIS:

Ready to say "rain rain go away" yet? Hope not as much more to come. Rain totals so far have been in the .30 to .60 inch range in the Phoenix metro area - somewhat higher over northwest portion of the county, and over an inch southern Yavapai county. No thunderstorms so far.

No flows of consequence noted by our automated stream gauges; in fact no flow period most gauges. However, there are probably a few flooded roadway dips and low spots.

If guidance is correct we may not have even received half of the expected rain total. And it's quite possible a few thunderstorms will develop this afternoon. So continue to have your storm action plans and/or flood response plans at your finger tips.

The "Morning Weather Outlook" will be issued around 8 AM.



Flood Control District of Maricopa County
Meteorological Services Program (MSP)

--- MORNING ---

WEATHER OUTLOOK

Web link to real-time radar information:

www.phx.noaa.gov/weather/radar.html

Web link to near real-time satellite pictures:

www.phx.noaa.gov/weather/sat.html

Web link to map of the MSP Zones:

<http://156.42.96.39/xrainmaps.html>

Date & Time: Thursday, February 13, 2003 at 8:05 AM MST
Forecaster: Jim Perfrement

SYNOPSIS:

Events overnight were pretty much as expected, thanks to good guidance. Most of the Phoenix metro area received a third to half inch of rain - the far western and northern portions of the county locally to an inch - and southern Yavapai county 1 to 2 inches.

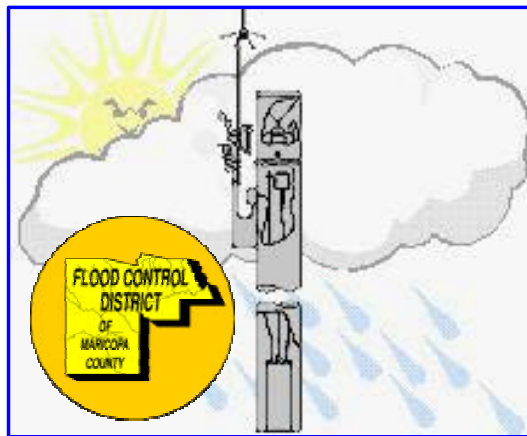
No flooding problems reported as most of the rain was absorbed by our dry ground. However, additional rains will tend to become runoff. So the question now is how much more rain will we get? At the present time radar and satellite pictures suggest a modest decrease in clouds / rain. But guidance from last night insists we are only about half way through the event/total rain. Right now I'm inclined to believe the guidance is over forecasting rain totals a bit for the next 24 hours, though activity should increase this afternoon with possibly a few thunderstorms. If any significant runoff develops it will probably be late today and into the night.

The associated weather disturbance will move east of our area Friday, with rain decreasing to mainly light showers (thunderstorms?). And showers should end Friday night - dry over the weekend and early next week.

High temperatures today will be mostly in the lower and middle 60s, about the same Friday. Readings should warm a 4 or 5 degrees over the weekend.

Winds overnight were mostly in the 5 to 15 mph range. By afternoon there could be local gusts to around 20 mph (stronger around any thunderstorms that may develop), decreasing tonight and mainly 5 to 15 mph tomorrow.

Forecast Zone	9 AM - 6 PM Chance of Rain (%)	Prime Time	Maximum Prime Time Amount (in.)
Gila Bend	80		
Palo Verde	90		
Rainbow Valley	80		
West Valley	90	1 PM	.50
Northwest Valley	90		
Upper Centennial	90		
Wickenburg	90	T	T
New River/Cave Creek	90	O	O
Phoenix	80		
Scottsdale North	80		
Scottsdale Central	80	6 PM	.80
Scottsdale South	80		
Southeast Valley	80		
Lower Salt River Lakes	70		
Superstition	80		



Flood Control District of Maricopa County Meteorological Services Program (MSP)

WEATHER OUTLOOK

Web link to real-time radar information:

www.phx.noaa.gov/weather/radar.html

Web link to near real-time satellite pictures:

www.phx.noaa.gov/weather/sat.html

Web link to map of the MSP Zones:

<http://156.42.96.39/xrainmaps.html>

Date & Time: Thursday, February 13, 2003 at 1:25 PM MST
Forecaster: Jim Perfrement

SYNOPSIS:

Rain decreased through the morning hours, but in the past couple hours it has shown signs of redeveloping upstream - to our south and southwest. Guidance insists we should receive quite a bit more rain this afternoon and tonight, and radar is starting to suggest the same (especially our eastern zones in 2 or 3 hours). We could get a little more rain Friday - ending Friday night. It should be dry Saturday through Monday.

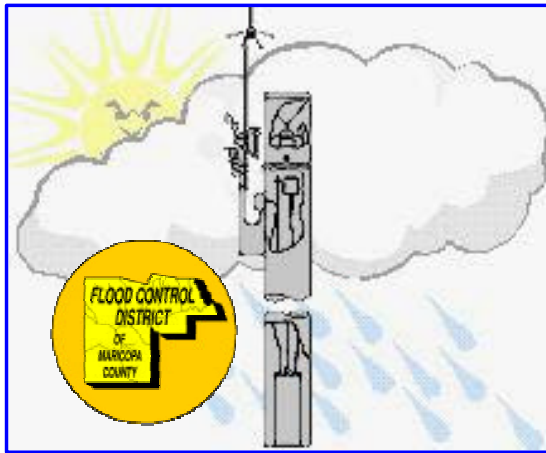
Rain totals will probably vary considerably through tonight, especially if thunderstorms get in the mix. See table below for estimates of max totals. Anyway, the bottom line is there will remain a threat of moderate to locally heavy rain from this afternoon through much of the night. So don't let your guard down yet. Rain Friday should be mostly light (though still a lingering threat of a thunderstorm).

Temperatures didn't change much through the morning hours, and probably will not warm much this afternoon - highs in the lower and middle 60s. Readings will not change much tomorrow but it should warm at least 5 degrees over the weekend.

Winds were mostly less in the 5 to 15 mph range this morning. This afternoon local gusts to around 20 mph will be possible (stronger around any thunderstorms that may develop). Winds tomorrow will be about the same - 5 to 15 mph over the weekend.

Note: I plan on going home around 2 PM, but will return to work if / when heavy rain moves into the MSP area.

Forecast Zone	2 PM thru Fri Morning Chance of Measurable Rain (%)	Prime Time	Maximum Prime Time Amount (in.)
Gila Bend	70		
Palo Verde	70		
Rainbow Valley	70		
West Valley	80	3 PM	.60
Northwest Valley	80		
Upper Centennial	80		
Wickenburg	80	T	T
New River/Cave Creek	80	O	O
Phoenix	80		
Scottsdale North	80		
Scottsdale Central	80	3 AM	1.20
Scottsdale South	80		
Southeast Valley	80		
Lower Salt River Lakes	80		
Superstition	80		



Flood Control District of Maricopa County
Meteorological Services Program (MSP)

Message 1 Alert

Date & Time: Thursday, February 13, 2003 at 2:10 PM MST
Forecaster: Jim Perfrement
Phone: 602-506-8701

Web link to real-time radar information: www.phx.noaa.gov/weather/radar.html
Web link to near real-time satellite pictures: www.phx.noaa.gov/weather/sat.html
Web link to map of the MSP Zones: <http://156.42.96.39/xrainmaps.html>

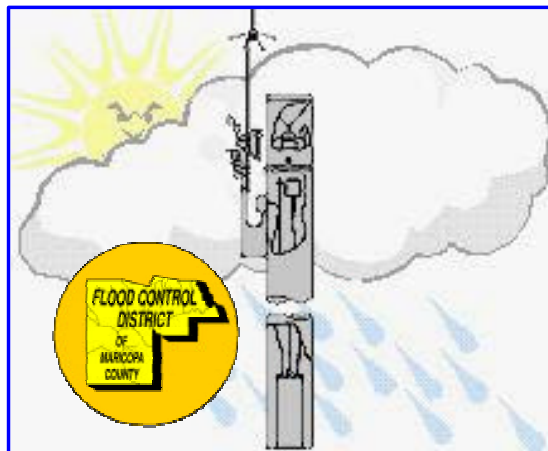
Forecast Zone	Valid Time	Affected Areas	
		Roads	Washes/ Streams
Gila Bend			
Palo Verde			
Rainbow Valley			
West Valley			
Northwest Valley			
Upper Centennial			
Wickenburg			
New River/Cave Creek			
Phoenix (south)			
Scottsdale North			
Scottsdale Central			
Scottsdale South			
Southeast Valley	Now - 330 pm	X	X
Lower Salt River Lakes	300 pm - 430 pm	X	X
Superstition	Now - 400 pm	X	X

Comments:

An area of showers and thunderstorms will move northeast through the above outlined zones the next couple of hours. Per radar rain rates to an inch an hour will exist - sufficient to cause flooding of roads and low spots, and fill some washes. In addition there could be associated wind gusts to over 30 mph.

Elsewhere there will be scattered light to moderate showers - possibly a thunderstorm. But probably no flooding problems of consequence.

This message is not intended for public dissemination. Please pass this information along to appropriate emergency response organizations (police, fire, transportation, etc.) you support. Also, please take appropriate actions to prepare for possible flooding.



Flood Control District of Maricopa County
Meteorological Services Program (MSP)

Message 1

Alert

Date & Time: Thursday, February 13, 2003 at 4:55 PM MST
Forecaster: Jim Perfrement
Phone: 602-506-8701

Web link to real-time radar information: www.phx.noaa.gov/weather/radar.html
Web link to near real-time satellite pictures: www.phx.noaa.gov/weather/sat.html
Web link to map of the MSP Zones: <http://156.42.96.39/xrainmaps.html>

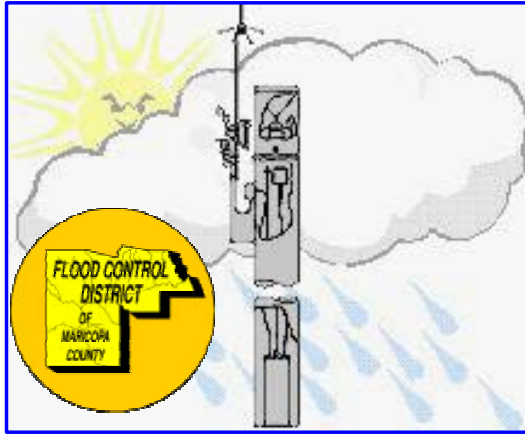
Forecast Zone	Valid Time	Affected Areas	
		Roads	Washes/ Streams
Gila Bend			
Palo Verde			
Rainbow Valley			
West Valley	S		
Northwest Valley	E		
Upper Centennial	E		
Wickenburg			
New River/Cave Creek			
Phoenix (south)	B		
Scottsdale North	E		
Scottsdale Central	L		
Scottsdale South	O		
Southeast Valley	W		
Lower Salt River Lakes			
Superstition			

Comments:

Scattered thunderstorms with heavy rain continued to be present over the MSP area at 4:45 PM. rain rates to .75 inches in 15 minutes have taken place with a storm moving north through central Phoenix. But so far flooding has remained limited to streets and low spots in the general metro area.

Scattered showers and thunderstorms, some with heavy rain, will remain over the MSP area for at least the next 2 or 3 hours. The main concern right now deals with possible runoff into washes within the north central zones from the thunderstorms mentioned above. Time will tell.

This message is not intended for public dissemination. Please pass this information along to appropriate emergency response organizations (police, fire, transportation, etc.) you support. Also, please take appropriate actions to prepare for possible flooding.



Web link to map of the MSP Zones:

Flood Control District of Maricopa County
Meteorological Services Program (MSP)

--- Updated --- WEATHER OUTLOOK

Web link to real-time radar information:

www.phx.noaa.gov/weather/radar.html

Web link to near real-time satellite pictures:

www.phx.noaa.gov/weather/sat.html

<http://156.42.96.39/xrainmaps.html>

Date & Time: Friday, February 14, 2003 at 5:15 AM MST
Forecaster: Jim Perfrement

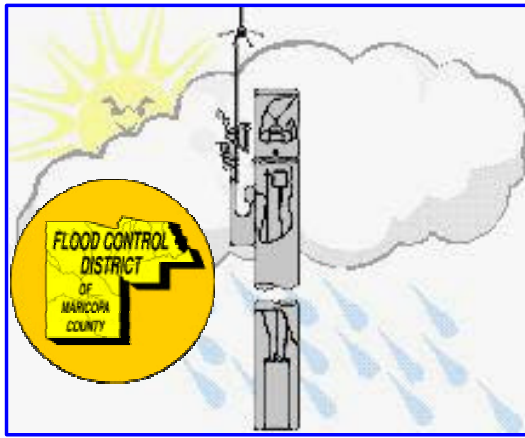
SYNOPSIS:

All of the problems the past couple days has been the result of rain totaling an inch plus over the far southern portion of the county to two to three inches central and northern areas, to over three inches of rain into southern Yavapai county. The initial rains did not result in flows, but set the stage for considerable runoff last night.

Quote from who-knows "rain rain go away, come again another day". At the present time showers are decreasing and moving off to the east, though a few will linger over the northern and eastern zones the next 2 or 3 hours. Additional runoff resulting from these showers should be minimal; and at the present time stream gauges show flows on the decrease.

Is it over - yes and no. The disturbance that caused all the fun and games will move off to the east today and tonight, but per radar there are still light to moderate showers (as of 5 AM) to our southwest - Yuma and Baja areas. And as the airmass is so moist it will not take much of a trigger to get things going again. So will go along with the guidance and continue a threat of rain today and into tonight - but a break in the action many areas this morning. Additional rain totals probably less than a half inch most areas.

Thu morning Weather Outlook will be issued around 8 AM.



Flood Control District of Maricopa County
Meteorological Services Program (MSP)

--- MORNING ---
WEATHER OUTLOOK

Web link to real-time radar information:
www.phx.noaa.gov/weather/radar.html

Web link to near real-time satellite pictures:
www.phx.noaa.gov/weather/sat.html

Web link to map of the MSP Zones:
<http://156.42.96.39/xrainmaps.html>

Date & Time: Friday, February 14, 2003 at 8:05 AM MST
Forecaster: Jim Perfrement

SYNOPSIS:

Most of the rain event has moved off to the east - most but not all. At 730 this morning partial clearing was taking place, but satellite pictures and numerical guidance suggest there could be a threat of additional rain later today - mainly afternoon and evening hours. New accumulations will average less than a third of an inch, but as there may be a few thunderstorms around local amounts could be higher.

The threat of rain should decrease this evening and end about midnight or shortly thereafter. There will likely be lingering clouds Saturday (and fog morning hours) but no rain.

High temperatures today should be in the lower and middle 60s - a little below normal (normal is 71 at Sky Harbor). Readings should warm 4 or 5 degrees tomorrow.

Winds were light overnight, and will be in the 5 to 15 mph range today and Saturday, though there could be gusts over 20 mph this afternoon if thunderstorms develop.

Forecast Zone	9 AM - 6 PM Chance of Rain (%)	Prime Time	Maximum Prime Time Amount (in.)
Gila Bend			
Palo Verde			
Rainbow Valley			
West Valley	50 %	1 PM	.40
Northwest Valley			
Upper Centennial			
Wickenburg	T	T	T
New River/Cave Creek	O	O	O
Phoenix			
Scottsdale North			
Scottsdale Central	70 %	6 PM	.70
Scottsdale South			
Southeast Valley			
Lower Salt River Lakes			
Superstition			

APPENDIX B – measured rainfall depths for the 64-hour period ending on 02/15/03 at 06:00, in order of descending depth,
with selected calculated return periods

Sensor Name	Sensor ID	Date Installed	Storm Total (in)	Peak 24-Hr / Return Period	Elevation (msl)	Jurisdiction	Location
Mt. Union	5380	8/16/1982	5.59		7495	Yavapai County	Top of Mt. Union, 10 mi. SSE of Prescott
Horsethief Basin	5700	11/24/1986	4.96		6700	Yavapai County	At HB Recreation Area, 6 mi. SE of Crown King
Towers Mtn.	5340	5/1/1992	4.88		7630	Yavapai County	3 mi. NW of Crown King, Yavapai County
Columbia Hill	5685	7/1/1981	4.57		2395	Yavapai County	5 mi. NNW of Castle Hot Springs
Yarnell Hill	5290	7/13/1981	4.25		5130	Yavapai County	1 mi. ENE of Yarnell, Yavapai County
White Tank Peak	5430	4/1/1981	4.13		4030	Maricopa County	Top of White Tank Mtns., 13 mi. N of Buckeye
Minnehaha	5335	6/16/1981	3.98		5605	Yavapai County	8 mi. E of Wagoner, Yavapai County
Crown King	5715	10/18/1982	3.94		6785	Yavapai County	Crown King, Bradshaw Mtns, 24 mi. SSE of Prescott
Garfias Mtn.	5670	4/14/1981	3.70		2645	Yavapai County	6 mi. WSW of Castle Hot Springs, off Castle Hot Springs Rd.
ACDC @ Cave Creek	4835	3/11/1997	3.66	3.43 / 40 yr.	1245	Phoenix	Mountain View Rd. near 23rd Ave.
Horseshoe Lake	5890	9/11/2000	3.66		2000	Maricopa County	Horseshoe Lake - SW corner near boat ramp
Upper Trilby Wash	5485	9/25/2001	3.46		3230	Yavapai County	On Trilby Wash, 2.2 miles N of Castle Hot Springs Road
Upper Martinez Cr.	7170	2/26/2002	3.39		3235	Yavapai County	4.5 miles WSW of Yarnell
ACDC @ 43rd Ave.	4820	11/14/1990	3.35	3.03 / 23 yr.	1225	Phoenix	1/4 mi. NW of Peoria Ave. and 43rd Ave.
Castle Hot Springs	5490	10/20/1981	3.35		2685	Maricopa County	6 mi. NE from US 60/93 on Castle Hot Springs Rd.
Cooks Mesa	5640	3/21/1984	3.31		4565	Yavapai County	10 mi. E of Black Canyon City in the New River Mtns.
Buckeye FRS #2	5205	11/11/1992	3.27	2.95 / 21 yr.	1150	Maricopa County	5 mi. N of Buckeye nr the alignments of Yuma and Miller Roads
NW Regional Landfill	5465	4/27/1993	3.27		1890	Maricopa County	Near 195th Ave. and Deer Valley Rd.
Butler Park	4785	9/9/1998	3.23	2.76 / 15 yr.	1200	Glendale	1/4 mile SE of 59th Ave. and Olive Ave.
Burton Tank	7155	3/19/2002	3.19		2860	Yavapai County	3 miles SSW of Congress in Yavapai County
Lake Pleasant North	5660	4/24/2001	3.19		1750	Yavapai County	On Deer Island, north end of Lake Pleasant
Seven Springs Wash	4960	3/12/2002	3.19		3530	Maricopa County	11 miles NE of Cave Creek
Sols Wash @ SR 71	5275	9/24/1981	3.19		2740	Yavapai County	1/2 mile SW of the SR 71 / US 93 intersection
White Tank FRS 3	5415	3/12/1986	3.15		1190	Maricopa County	4 mi. N of I-10 on Jackrabbit Trail alignment
Hassy R. @ Wagoner Rd.	5350	12/19/1983	3.11		3785	Yavapai County	6 mi. ESE of Kirkland Junction
Morristown	5220	5/13/1992	3.11		1980	Maricopa County	US 60/93 at Morristown, 10 mi. SE of Wickenburg
Signal Peak	6760	9/15/1993	3.11		7810	Gila County	8 mi. SSW of Globe
CAP @ 163rd Ave.	5470	12/10/2002	3.07	2.64 / 12 yr.	1540	Maricopa County	CAP Canal at 163rd Ave.

APPENDIX B

Sensor Name	Sensor ID	Date Installed	Storm Total (in)	Peak 24-Hr / Return Period	Elevation (msl)	Jurisdiction	Location
Maryland @ 27th Ave.	4775	12/22/1994	3.07	2.80 / 16 yr.	1200	Phoenix	Near I-17, 1/2 mi. North of Bethany Home Rd.
Agua Fria @ Grand Ave.	5500	4/27/1994	3.03		1125	El Mirage	Grand Ave. bridge at Agua Fria River
Cave Creek @ Cactus	4830	7/13/1991	3.03	2.76 / 15 yr.	1280	Phoenix	1/4 mi. ENE of I-17 and Cactus Rd.
Ford Canyon Wash	5425	2/5/2002	3.03	2.60 / 11 yr.	1470	Maricopa County	Alignments of Cactus Road and Tuthill Road
Grand @ 27th Ave.	4715	10/11/1996	3.03		1100	Phoenix	Near 28th Ave. and Grand Ave.
Grand @ Peoria Ave.	5525	7/11/1996	3.03		1115	Peoria	Intersection of Grand Ave. and Peoria Ave.
Sols Trib @ SR 93	7025	5/2/1995	3.03		2585	Yavapai County	3.3 miles NW of the US 93 / US 89 junction
Sunset Point	5730	7/1/1981	3.03		3380	Yavapai County	Sunset Point Rest Area on I-17, 10 mi. N of Black Canyon City
Carefree Ranch	4930	7/1/1985	2.99		3200	Scottsdale	3.5 mi. NE of Sky Ranch Airport
City of Glendale	4770	7/13/1989	2.99	2.72 / 14 yr.	1150	Glendale	Grand Avenue at 63rd Avenue
East Fork CC #3	4680	9/13/1994	2.99		1455	Phoenix	1/2 mi. SW of Union Hills Dr. and Cave Creek Rd.
Stagecoach Wash	4910	6/13/2001	2.99	2.64 / 12 yr.	2550	Scottsdale	On Pima Road about 1/2 mile south of Cave Creek Road
Deer Valley Airport	5550	1/23/1991	2.95	2.40 / 9 yr.	1480	Phoenix	1/2 mi. N of Deer Valley Rd. and 7th Ave.
East Fork CC #4	4655	1/18/1994	2.95		1455	Phoenix	1/4 mi. S of Union Hills Dr. and 32nd St.
Harquahala Mtn.	5185	2/10/1994	2.95		5680	La Paz County	Top of Harquahala Mtn., 36 mi. WSW of Wickenburg
Adobe Dam	5535	10/25/1982	2.91	2.44 / 10 yr.	1415	Phoenix	1/4 mi. South of Deer Valley Rd. & 43rd Ave.
Bucks Well	7160	12/11/2002	2.87		3290	Yavapai County	3.5 miles west of Congress
New River @ Glendale	5505	3/21/1990	2.87		1050	Glendale	1/2 mi. E of 99th Ave. on Glendale Ave. bridge
Seven Springs	4950	11/12/1981	2.87		4595	Yavapai County	15 mi. NNE of the Town of Cave Creek
Congress	7020	6/16/1994	2.83		3000	Yavapai County	Junction of US 89 and SR 71
Dysart Drain @ LAFB	5410	8/22/1996	2.83		1090	Maricopa County	1/4 mi. West of Northern Ave. & Litchfield Rd.
Fig Springs	5555	11/14/2001	2.83		2380	Maricopa County	3.5 miles east of New River
Phoenix Basin #7	4850	10/17/1996	2.83	2.64 / 12 yr.	1380	Phoenix	1/8 mile SW of Thunderbird and 7th Street
Phoenix West Park	4855	11/29/2001	2.83	2.68 / 13 yr.	1320	Phoenix	Peoria Ave. at 7th Ave.
Skunk Cr. nr New R.	5585	6/28/2001	2.83		2185	Maricopa County	Skunk Cr. At Fig Springs Rd., 3.5 mi. E of New River
Golden Eagle Blvd.	5985	2/12/1997	2.80		1905	Fountain Hills	NW1/4 of T3N-R6E-Section 5 at Chaparral Water Tank
New River @ Bell Rd.	5595	4/4/1990	2.80		1200	Peoria	Bell Rd. at 83rd Ave.
Skunk Creek @ I-17	5565	11/8/1989	2.80		1475	Phoenix	I-17 at Jomax Rd. alignment
Sols Tank	7030	7/25/1995	2.80		2690	Yavapai County	6.3 mi. WNW of the US 93 / US 89 junction

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Sensor Name	Sensor ID	Date Installed	Storm Total (in)	Peak 24-Hr / Return Period	Elevation (msl)	Jurisdiction	Location
ACDC @ 67th Ave.	5520	6/7/1990	2.76	2.48 / 10 yr.	1220	Glendale	67th Ave. Bridge at Arizona Canal, Glendale
Mid-Martinez Creek	7005	4/27/1995	2.76		2725	Yavapai County	4.4 mi SSE of the US 89 / SR 71 junction
Sun City West	5515	3/30/1995	2.76		1335	Sun City West	1/4 mi. SE of the Beardsley Rd. & Litchfield Rd. alignments
East Fork CC #1	4645	3/2/1994	2.72		1515	Phoenix	1/4 mi. E of Beardsley Rd. and Cave Creek Rd.
Martinez Creek	7010	11/23/1994	2.72		2300	Yavapai County	1 mi. East of the US 93 / US 89 junction
Wilhoit	5365	9/24/1981	2.72		5045	Yavapai County	At Wilhoit, 10 mi. SSW of Prescott, Yavapai County
Cave Creek Landfill	4915	4/22/1993	2.68		1625	Phoenix	1/2 mi. E of Carefree Hwy. and the 40th St. alignment
Dead Horse Wash	5195	11/1/2000	2.68		2350	Maricopa County	Near Aguila Rd., 14 miles SE of Aguila
Dewey	5805	11/1/1981	2.68		4775	Yavapai County	5 mi. E of Dewey off Orme Ranch Rd.
Greenway @ 32nd Ave.	4840	1/31/1991	2.68		1300	Phoenix	1/4 mi. East of Greenway Rd. and 32nd Ave.
Jackrabbit Wash	5215	9/14/1982	2.68		2130	Maricopa County	16 mi. NNE of Tonopah, 20 mi. SSW of Wickenburg
McMicken Dam	5445	3/20/1983	2.68		1360	Surprise	N end of the dam, 1/4 mi SE of Deer Valley Rd and Cotton Lane
O'Brien Gulch	5320	9/1/1981	2.68		2800	Yavapai County	11 mi. NE of Wickenburg, Yavapai County
Patton Rd.	5450	5/13/1992	2.68		2685	Maricopa County	7 mi. E of Grand Ave. on Patton Rd.
Circle City	5475	10/1/1982	2.64		1890	Maricopa County	Along US 60/93, 14 mi. SE of Wickenburg
Lake Marguarite	4675	11/25/1997	2.64		1325	Scottsdale	1/4 mi. West of Doubletree and Hayden
McMicken Dam South	5440	2/13/2002	2.64		1640	Maricopa County	1/2 mi. N of the alignments of Peoria and 195th Ave.
McMicken Floodway	5435	5/19/1992	2.64		1335	Maricopa County	1/2 mi. N of Grand Ave. and Deer Valley Rd.
Paradise Valley Park	4650	2/27/1989	2.64		1495	Phoenix	1/2 mi. E of Union Hills Dr. and 32nd St.
Agua Fria @ Buckeye	5400	10/11/1988	2.60		940	Maricopa County	Buckeye Rd. Bridge over Agua Fria River, nr Avondale
Black Hill	7035	6/15/1995	2.60		2560	Yavapai County	2.3 miles WSW of the US 93 / US 89 junction
EFCC nr 7th Ave.	4665	5/8/1997	2.60		1325	Phoenix	Near 7th Ave., 1/2 mile south of Greenway Rd.
Hesperus Wash	5995	3/10/1997	2.60		2280	Fountain Hills	NW1/4 of T4N-R6E-Section 31 near Dixie Mine
McDowell Mtn. Park	5915	8/6/1990	2.60		2040	Maricopa County	Off Palisades Dr. in McDowell Mtn. Park, 4 mi. WSW of Rio Verde
Dysart @ Bell Rd.	5510	10/25/1992	2.56		1190	Surprise	Dysart Rd. at Bell Rd., Surprise
Stanton	7000	6/16/1994	2.56		3250	Yavapai County	6.5 mi. East of Congress, Yavapai County
ACDC @ 14th St.	4810	2/9/1994	2.52		1230	Phoenix	1/2 mi. North of Glendale Ave. and 14th St.
Arizona Hunt Club	5775	4/1/1981	2.52		3805	Yavapai County	5 mi. NNW of Cordes Junction

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Dreamy Draw Dam	4800	1/24/1984	2.52		1405	Phoenix	1/4 mi. SSW of the 24th St. and Dunlap Ave. alignments
Hassy R. @ US 60	5225	3/14/1994	2.52		2035	Wickenburg	Hassayampa River at US 60/93 in Wickenburg
Thompson Peak	5945	7/27/1989	2.52		3995	Scottsdale	On Thompson Peak, 120th St. and Bell Rd. alignments
Cave Cr.@ Spur Cross	4920	6/16/1993	2.48		2280	Maricopa County	3.5 mi. North of the Town of Cave Creek
Florence Junction	6730	8/1/1982	2.48		1840	Pinal County	1.5 mi. NW of Florence Junction
Missouri @ 16th St.	4780	1/17/1991	2.48		1155	Phoenix	1/2 mi. North of Camelback Rd. and 16th St.
SunRidge Canyon Dam	5970	2/4/1997	2.48		1930	Fountain Hills	200 yards W of Lago Blvd. and Palisades Blvd.
Fraesfield Mtn.	5930	7/28/1989	2.44		2660	Scottsdale	Near the alignments of Dixaleta Dr. and 128th St.
Humboldt Mtn.	4940	7/14/1981	2.44		5200	Maricopa County	13 mi. NE of the Town of Cave Creek
IBW @ Sweetwater	4640	12/27/1990	2.44		1400	Phoenix	1/2 mi. E of 32nd St. and Sweetwater Ave.
Lake Pleasant	5650	12/10/1991	2.44		1820	Maricopa County	On New Waddell Dam at Lake Pleasant
Maryvale Muni Golf	4760	8/17/1989	2.44		1200	Phoenix	1/4 mi. N of Indian School Rd. and 59th Ave.
Ritter Dam	7140	11/21/2002	2.44		2345	Yavapai County	9 miles NE of Aguila
Sunup Ranch	5625	6/1/1981	2.44		2140	Maricopa County	1 mi. SSW of New River
Aztec Park	4695	2/3/1998	2.40		1530	Scottsdale	Near Thunderbird at Frank Lloyd Wright Blvd.
Cline Creek	5580	8/1/1981	2.40		2180	Maricopa County	4 miles SE of New River
Cloudburst Wash	5975	3/13/1997	2.40		2440	Fountain Hills	2 mi. NW of Sun Ridge Golf Course, Fountain Hills
Coyote Wash	5265	11/27/2002	2.40		1805	Maricopa County	3.5 miles SW of the intersection of Aguila and Wickenburg roads
Hassy R. @ Box Canyon	5305	11/17/1983	2.40		2245	Yavapai County	6 mi. N of Wickenburg on Hassayampa River, Yavapai County
IBW @ Indian Bend Rd.	4610	3/25/1992	2.40		1070	Scottsdale	On Indian Bend Wash just S. of Indian Bend Rd.
StoneRidge Dam	5965	12/11/1996	2.40		1710	Fountain Hills	1/4 mi. W of Cholla Dr. & Fountain Hills Blvd.
Wickenburg Airport	7120	8/3/1994	2.40		2385	Wickenburg	4.5 mi. West of the US 60 / US 93 junction
Bartlett Lake	5910	8/31/2000	2.36		1670	Maricopa County	Bartlett Lake Sheriff Sub-station
Buckeye FRS #3	6810	11/23/1992	2.36		1200	Maricopa County	1/4 mi. NE of I-10 and Watson Rd.
Chrysler P. Ground	5460	10/31/1990	2.36		1720	Maricopa County	3 mi. ESE of Circle City, 1.5 mi. N of Wittmann
Horseshoe Ranch	5745	5/1/1981	2.36		3805	Yavapai County	10 mi. SE of Cordes Junction
Phoenix Basin #3	4825	12/18/2001	2.36		1365	Phoenix	Cave Creek Road at 16th St.
Wood Tank	7145	11/20/2002	2.36		2480	Yavapai County	8 miles NNE of Aguila
10th St. Wash Basin	4815	10/23/1996	2.32		1150	Phoenix	1/4 mi. SW of Peoria Ave. and Cave Creek Rd.

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Sensor Name	Sensor ID	Date Installed	Storm Total (in)	Peak 24-Hr / Return Period	Elevation (msl)	Jurisdiction	Location
Asher Hills	5900	8/2/1990	2.32		1680	Maricopa County	Off Asher Dr. in McDowell Mtn. Park, 1 mi. W of Rio Verde
Buckeye FRS #1	5200	7/26/1983	2.32		1095	Maricopa County	West end of Buckeye FRS #1, I-10 @ Hassayampa River
IBW @ Shea Blvd.	4690	6/9/1998	2.32		1350	Phoenix	Shea Blvd. At 52nd Street
North Heights Dam	5980	10/11/1996	2.32		1820	Fountain Hills	400 yds. SW of Sierra Madre Dr. and Golden Eagle Blvd.
Powder House Wash	7110	5/18/1995	2.32		2120	Wickenburg	1/2 mi. NE of US 60 and Constellation Rd., Wickenburg
Flying E Wash	7080	7/12/1994	2.28		2300	Wickenburg	On US 60 bridge, 3 mi. West of US 60 / US 93
Fountain Hills Fire	5950	12/9/1993	2.28		2285	Fountain Hills	At Palisades Blvd. Fire Station, nr xsecl with Fntr. Hills Blvd.
Hassayampa Landfill	5210	4/15/1993	2.28		900	Maricopa County	2 mi. NW of Hassayampa
Hesperus Dam	5990	12/18/1996	2.28		1895	Fountain Hills	1/4 mi. N of Richwood Ave. & Golden Eagle Blvd.
Joshua Tree	7150	3/5/2002	2.28		2840	Yavapai County	4.5 miles NW of the SR71 / US93 junction
Rawhide Wash	4860	7/22/1999	2.28		2205	Scottsdale	1/3 mile west of Pima Rd. on Dynamite Blvd.
Casandro Wash	7090	7/12/1994	2.24		2240	Wickenburg	On US 60 bridge, 2 mi. West of US 60 / US 93
Cave Buttes Dam	4900	1/25/1984	2.24		1650	Maricopa County	1/4 mi. North of the Happy Valley Rd. & 16th St. alignments
Centennial near Aguila	5175	6/5/2001	2.24		2340	Maricopa County	5 mi. NNE of the US 60 / SR 71 junction
Flying E Tank	7070	5/9/1995	2.24		2480	Maricopa County	6.3 mi. WSW of the US 93 / US 89 junction at Wickenburg
Hartman Wash	7060	7/6/1994	2.24		2490	Maricopa County	On US 60 bridge, 6.3 mi. West of US 60 / US 93
IBW @ Interceptor	4620	9/28/1983	2.24		1070	Scottsdale	1/4 mi. SW of Pima Rd. & Indian Bend Rd.
Lost Dog Wash	4660	7/13/1990	2.24		1700	Scottsdale	1/2 mi. NNW of Shea Blvd. and 128th St.
Reata Pass Dam	4935	8/26/1993	2.24		2600	Scottsdale	1/2 mi. South of Dynamite Blvd. and 112th St.
Sunset FRS	5230	5/11/1989	2.24		2100	Wickenburg	3/4 mi. WSW of the US 60 / US 93 intersection in Wickenburg
Tatum Basin	4635	6/3/1994	2.24		1300	Phoenix	Near Shea Blvd and 40th St.
Buckeye @ 75th Ave.	4765	8/1/1996	2.20		1005	Tolleson	1/4 mi. N. of Buckeye Rd. and 75th Ave.
Cruff Wash	5075	5/14/2002	2.20		990	Maricopa County	6 mi. west of Agua Caliente Road and Old US 80
New River Landfill	5630	4/29/1993	2.20		1510	Maricopa County	4 mi. ENE of New Waddell Dam
Sunnycove FRS	5245	7/1/1986	2.20		2200	Wickenburg	1 mi. SW of the US 60 / US 93 intersection in Wickenburg
Colter @ El Mirage	5405	6/29/1994	2.17		1025	Phoenix	1/4 mi. N of Camelback and El Mirage Rd.

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Constellation Road	7100	8/3/1994	2.17		2220	Wickenburg	1.4 mi. NE of the US 60 / US 93 junction
Pima @ Union Hills	4590	10/22/1997	2.17		1640	Scottsdale	1/4 mile West of Pima Rd. & Union Hills
Pinnacle Peak Vista	4595	4/21/1998	2.17		1950	Scottsdale	1/2 mile SSE of Deer Valley Rd. and Pima Rd.
Upper Cline Creek	5545	11/21/2001	2.17		2520	Maricopa County	8 miles east of New River
Casandro Dam	7130	8/15/1996	2.13		2180	Wickenburg	1.1 miles W of the US60 / US93 intersection
Centennial Divide	7135	8/21/2001	2.13		2465	Yavapai County	7 miles west of the US89/US93 Junction
Thunderbird Academy	4630	1/1/1982	2.13		1450	Scottsdale	1/4 mi. ESE of Thunderbird Rd. and Scottsdale Rd.
Whitlow Ranch Dam	6740	1/8/1998	2.13		2200	Pinal County	5 miles NE of Florence Junction
Berneil Wash	4685	7/30/1998	2.09		1340	Paradise Valley	Just east of Doubletree and Invergordon
Gila @ Estrella Pkwy.	6850	4/1/1989	2.09		900	Goodyear	Gila River at Estrella Parkway
Horner Mtn. Ranch	5760	4/1/1981	2.09		4405	Yavapai County	11 mi. ENE of Cordes Junction
Outlaw Hill	5165	5/13/2002	2.09		2670	Maricopa County	South of US 60, 14 miles east of Aguila
Pima @ Jomax	4670	5/6/1993	2.09		2180	Scottsdale	1/8 mi. NW of Pima Rd. and Jomax Rd.
White Tank FRS 4	6820	1/9/1986	2.09		1045	Maricopa County	1/4 mi. NE of Tuthill Rd. and Van Buren St.
Black Mountain	7050	7/6/1994	2.05		2615	Maricopa County	Along US 60, 9 mi. West of US 60 / US 93
Webb Mountain	5095	5/22/2002	2.05		1030	Maricopa County	4 mi. west of Agua Caliente Road and Old US 80
Buckeye Rd. @ SR 85	6835	9/20/2000	2.01		990	Maricopa County	Buckeye Rd. at State Route 85
Reata Pass Wash	4585	5/15/2001	2.01		2170	Scottsdale	1.6 miles east of Pima Rd. on Pinnacle Peak Road
Sols Wash nr Matthie	7040	8/4/1995	2.01		2220	Maricopa County	Sols Wash at SPRR bridge, 2 mi. N. of Wickenburg Airport
Tiger Wash	5160	9/15/1999	2.01		1960	Maricopa County	10 mi. N of the Eagle Eye Rd / Salome Hwy intersection
I-17 @ 169	5790	11/11/1987	1.97		4750	Yavapai County	I-17 at SR 169 (Cherry Rd.)
Wittmann	5455	5/13/1992	1.97		1655	Maricopa County	US 60/93 at Wittmann, 4 mi. SE of Circle City
Centennial Wash	5180	11/19/1981	1.93		2415	Maricopa County	On US 60, 19 mi. W of Wickenburg
I-10 @ 355th Ave.	5070	9/7/2001	1.93		1090	Maricopa County	3 miles NW of the Hassayampa River crossing at I-10
Highland @ 68th St.	4625	11/13/1997	1.85		1290	Scottsdale	1/4 mile N. of Highland and 68th Street
Falcon Field	4555	10/1/1995	1.81		1380	Mesa	1/4 mi. NE of McKellips Rd. & Greenfield Rd.
Grass Wash @ US 60	5155	9/19/2001	1.81		2155	Maricopa County	1 mile West of Aguila on US 60
Osborn @ 64th St.	4605	10/22/1997	1.81		1290	Scottsdale	200 yards East of Osborn Rd. @ 64th St.
Papago Park	4740	8/15/1990	1.81		1200	Phoenix	1/4 mi. N of McDowell Rd. and 52nd St.
Prescott Valley	5820	12/7/1982	1.81		5230	Yavapai County	5 mi. N of the intersection of SR 69 and Roberts Rd.

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Smith Peak	5190	4/1/1981	1.81		5130	La Paz County	Harcuvar Mtns., 13 mi. NW of Aguila
ACDC @ 36th St.	4805	2/24/1994	1.77		1260	Paradise Valley	1/2 mi. North of 36th St. and Camelback Rd.
Belmont Mountains	5240	12/16/2002	1.77		1860	Maricopa County	4.8 miles SW of the Wickenburg / Aguila Roads intersection
Four Mile Wash	5135	7/5/2001	1.77		1210	Maricopa County	Near the alignments of 371st Ave. and Glendale Ave.
Paradise Valley CC	4790	7/13/1989	1.77		1495	Paradise Valley	1/2 mi. North of Lincoln Dr. and Tatum Blvd.
Salt River Landfill	4580	1/30/1998	1.77		1200	Salt R. Community	1/4 mi. N of Gilbert Road at Beeline Highway
Tuthill @ Ray Rd.	6840	12/22/1994	1.77		1000	Maricopa County	1/2 mi. East of Tuthill Rd. and Ray Rd.
Upper Tiger Wash	5130	11/1/1981	1.77		2200	Maricopa County	11 mi. S. of Aguila off Eagle Eye Road
Gila R. @ 116th Ave.	6845	12/16/1998	1.73		940	Maricopa County	1/4 mile NNW of 115th Ave. and Baseline Rd.
Queen Cr. @ CAP	6720	1/14/1999	1.73		1565	Pinal County	Queen Creek at Central Arizona Project
Thomas @ 16th St.	4720	1/17/1991	1.73		1120	Phoenix	16 th St. at Thomas Rd.
Gillespie Dam	6905	4/12/1994	1.69		760	Maricopa County	Gila River at Old US 80
Kleinman Park	4530	3/26/1991	1.69		1220	Mesa	1/2 mi. SE of Broadway Rd. and Alma School Rd.
Price Drain @ 202	4570	2/13/2001	1.69		1215	Mesa	Loop 202 at Loop 101
South Mtn.Park HQ	6525	5/1/1997	1.63		1250	Phoenix	In S. Mtn. Park, alignments of Elliot Rd. and 7th Ave.
IBW @ McKellips Rd.	4600	5/21/1985	1.61		1190	Scottsdale	On Indian Bend Wash 1/4 mi. South of McKellips
Old X-cut @ McDowell	4745	7/27/1994	1.61		1250	Phoenix	McDowell Rd. at Hohokam Expressway
Santa Cruz @ SR 84	785	3/16/1994	1.61		1310	Pinal County	3 mi. West of SR 93 (Casa Grande) on SR 84
Upper Estrella Fan	6870	7/2/1993	1.61		1550	Maricopa County	1/2 mi. N. of the El Mirage and Germann Rd. alignments
Cesar Chavez Park	4500	8/15/1990	1.57		1070	Phoenix	South end of park, 35th Ave. and Baseline Rd.
Hassy R. @ I-10	5280	11/9/1994	1.57		1035	Maricopa County	I-10 bridge over Hassayampa River, 12 mi WNW of Buckeye
IBW @ Indian School	4615	11/26/1997	1.57		1235	Scottsdale	Indian School Rd. at Hayden Road
South Mountain Fan	6560	6/9/1993	1.57		1420	Phoenix	Alignments of Ray Rd. and 35th Ave. in S. Mtn. Park
Waterman Wash	6880	5/10/1983	1.57		1265	Maricopa County	El Mirage Rd. and Riggs Rd. alignments
Centennial Railroad	5100	2/9/1990	1.54		850	Maricopa County	8 mi. NW of Old US 80 at the Gila River
Gila @ Olberg	780	4/12/1995	1.54		1290	Gila R. Community	Gila River at Olberg Bridge, 3 mi. ENE of Sacaton
Jefferson @ 4th Ave.	4710	1/29/1991	1.54		1080	Phoenix	County Building, 4th Ave. and Jefferson St.
Magma FRS	6715	10/27/1988	1.54		1610	Pinal County	7 mi. NNW of Florence
Salt R. @ Priest Dr.	4520	9/21/1995	1.54		1135	Tempe	West side of Salt River bridge at Priest Drive
Williams Field Road	6575	7/3/2001	1.54		1460	Maricopa County	1/4 mi. N of Williams Field Rd. and Meridian

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EMF @ Queencreek Rd.	6580	1/18/1989	1.50		1315	Maricopa County	1/3 mi. West of Queen Creek Rd. and Higley Rd.
Guadalupe Channel	6600	8/7/1998	1.50		1360	Mesa	1/4 mi. E of Power Rd. and Guadalupe Rd.
Mt. Ord	5960	10/28/1982	1.50		7140	Gila County	Top of Mt. Ord, 4 mi. E of Sunflower in the Mazatzal Mountains
Perry Park	4730	8/22/1990	1.50		1160	Phoenix	1/8 mi. S of Thomas Rd. and 32nd St.
Queen Creek Landfill	6615	4/23/1993	1.50		1410	Queen Creek	1/2 mi. SW of Ocotillo Rd. and Ellsworth Rd.
Brown Rd. @ Horne	4545	1/1/1995	1.46		1265	Mesa	100 yards N. of Brown Rd. @ Horne, Mesa
Chandler @ Alma School	6530	7/25/1996	1.46		1525	Chandler	1/4 mi. SE of Chandler Blvd. and Alma School Rd.
Estrella Fan	6890	11/15/1992	1.46		1455	Maricopa County	Alignments of El Mirage Rd. and Germann Rd.
Santa Rosa @ SR 84	795	3/16/1994	1.46		1305	Pinal County	11 mi. West of SR 93 (Casa Grande) on SR 84
South Mountain Park	6510	9/28/1982	1.46		2135	Phoenix	Alignments of Elliot Rd. and 24th St.
Thomas @ 48th St.	4750	1/30/1991	1.46		1200	Phoenix	Thomas Rd. and 48th St.
Ahwatukee	6550	3/4/1996	1.42		1280	Phoenix	1/2 mi. South of the 43rd Ave. and Warner Rd. alignments
Crossroads Park	6620	12/18/1995	1.42		1270	Gilbert	1/2 mi. NW of Ray Rd. and Greenfield Rd.
Vulture Mine Road	5260	10/14/1981	1.42		2310	Maricopa County	3 mi. SW of Wickenburg
EMF @ Arizona Ave.	6595	5/10/1989	1.38		1215	Pinal County	On the SR 587 bridge 3 mi. South of Riggs Rd.
Salt River @ 67th Ave.	4755	4/23/1998	1.38		1000	Phoenix	67th Avenue and Roeser St. N of Salt River
Waterman @ Rainbow	6830	3/18/1999	1.38		1085	Goodyear	Rainbow Valley Rd. at Queen Creek Rd.
Broadway @ Lindsay	6545	1/1/1995	1.34		1250	Mesa	1/4 mi. E of Broadway Rd. & Lindsay Rd.
Durango Complex	4700	4/28/1988	1.34		1050	Phoenix	27th Ave. and Durango St.
Elliot @ Hawes Rd.	6590	6/26/2001	1.34		1380	Mesa	NE corner of Elliot Rd. and Hawes Rd.
Fitch Park	4540	3/27/1991	1.34		1245	Mesa	1/2 mi. N of University Dr. and Center St.
Freestone Basin	6605	12/19/1995	1.30		1450	Gilbert	1/2 mi. SSE of Guadalupe Rd. and Lindsay Rd.
Holly Acres	6860	1/26/1989	1.30		945	Maricopa County	1/2 mi. SW of Southern Ave. and 107th Ave.
Queen Creek Rd.	6610	5/1/1982	1.30		1410	Maricopa County	1/4 mi. NE of Queen Creek Rd. and Ellsworth Rd.
Upper Grass Wash	5145	11/1/2002	1.30		2290	Maricopa County	7 miles SE of Aguila
ASU South	4525	7/14/1995	1.26		1160	Tempe	1/4 mi. NNE of Broadway Rd. and Mill Ave.
Broadway @ Dobson	4535	10/1/1995	1.26		1210	Mesa	1/8 mi. SW of Broadway Rd. & Dobson Rd.
EMF @ Broadway	6570	8/10/1989	1.26		1350	Maricopa County	1/2 mi. SSE of Broadway Rd. and Higley Rd.
Queen Cr @ Rittenhouse	6710	9/14/1993	1.26		1400	Maricopa County	1/3 mi. SE of the Signal Butte Rd. & Chandler Hgts Rd. alignments

APPENDIX B

Sensor Name	Sensor ID	Date Installed	Storm Total (in)	Peak 24-Hr / Return Period	Elevation (msl)	Jurisdiction	Location
Rainbow Wash	6950	11/6/2000	1.26		900	Maricopa County	9 miles south of Buckeye on SR 85
Roeser @ 2nd St.	4510	2/12/1991	1.26		1080	Phoenix	1/2 mi. SSE of Broadway Rd. and Central Ave.
Upper Waterman Wash	6900	6/23/1988	1.26		1600	Maricopa County	10 mi. WNW of Mobile
Gila Bend Landfill	6910	4/7/1993	1.22		750	Maricopa County	3 mi. North of the intersection of US 80 and I-8
Guadalupe FRS	6500	6/29/1989	1.22		1250	Phoenix	1/4 mi. SSW of Baseline Rd. and I-10
Kings Ranch	6745	9/13/1981	1.22		2145	Pinal County	7 mi. ESE of Apache Junction
Mesa Tower	6540	7/19/1989	1.22		1215	Mesa	1/4 mi. NW of McQueen Rd. and Baseline Rd.
Mt. Oatman	5000	4/1/1981	1.22		1720	Maricopa County	8 mi. WSW of Painted Rock Dam
Narrows Damsite	5150	9/1/1994	1.22		1960	La Paz County	5 mi. SE of Salome off Salome Highway
Saguaro Lake	6780	1/24/2000	1.22		1550	Maricopa County	MCSO yard, NW corner of the lake.
Gladden	5170	8/27/1982	1.18		2200	Maricopa County	US 60 at Gladden, 34 miles W of Wickenburg
Salt R. @ 40th St.	4515	3/22/1996	1.18		1100	Phoenix	South side of Salt River near 40th St.
Tiger Wash Fan	5140	9/21/1994	1.18		1605	Maricopa County	1 mi. W of Eagle Eye Rd. and 4 mi. N of Salome Highway
Bender Wash	6960	1/12/1982	1.14		1245	Maricopa County	1/4 mile N of I-8, 10 mi. East of Gila Bend
Mountain View Park	4550	3/21/1991	1.14		1280	Mesa	1/2 mi. N of University Dr. and Lindsay Rd.
Delaney Wash	5105	12/20/1999	1.10		1130	Maricopa County	3 miles SSW of Tonopah
Apache Trail	6675	4/14/1993	1.06		1820	Apache Junction	1/3 mi. NE of Broadway Rd. and Idaho Rd.
Carriage Lane Park	6520	3/26/1991	1.06		1200	Mesa	1/2 mi. South of Price Rd. and Guadalupe Rd.
Usery Park WS	6650	2/24/1994	1.06		2115	Maricopa County	1/4 mi. WNW of the Crismon Rd. and Thomas Rd. alignments
Winters Wash	5115	7/11/2000	1.06		1120	Maricopa County	1 mi. N of Indian School Rd. and 403rd Ave.
4th of July Wash	5040	3/14/2002	1.02		1110	Maricopa County	21 mi. W of Old US80 on Agua Caliente Road
Baseline @ 547th Ave.	5085	5/24/2000	1.02		1225	Maricopa County	SW corner of Baseline and 547th Ave.
New River Dam	5610	5/1/1986	1.02		1500	Peoria	1/2 mi. NE of Jomax Rd. and 83rd Ave.
Rittenhouse FRS	6700	9/27/1988	1.02		1580	Pinal County	Alignments of Goldfield Rd. and Germann Rd.
Signal Butte FRS	6625	11/10/1987	1.02		1650	Maricopa County	1/4 mi. NE of Signal Butte Rd. and Brown Rd.
Spookhill FRS	4560	3/13/1984	1.02		1595	Mesa	1/2 mi. N. of McDowell Rd. and Bush Highway
Centennial @ Wenden	5090	9/2/1998	0.98		1850	La Paz County	5.5 mi. NE of Salome on US 60 Bridge
Thunder Mountain	6655	4/1/1982	0.98		2550	Maricopa County	1/2 mi. W. of the Ellsworth Rd. and Indian School Rd. alignments
Usery Mtn. Park	6640	6/20/1985	0.98		1800	Maricopa County	1/3 mi. East of the McDowell Rd. and Crismon Rd. alignments

APPENDIX B

Sensor Name	Sensor ID	Date Installed	Storm Total (in)	Peak 24-Hr / Return Period	Elevation (msl)	Jurisdiction	Location
Apache Junction FRS	6670	12/16/1981	0.94	Plugged funnel found	1990	Apache Junction	1/3 mi. NW of Lost Dutchman Blvd. and Idaho Rd.
Buckeye @ 547th Ave.	5080	6/13/2000	0.94		1205	Maricopa County	Buckeye Road at 547th Avenue
Sand Tank Wash	6940	7/21/1983	0.94		1160	Maricopa County	9 mi. SSE of Gila Bend
Gila @ Maricopa Rd	775	4/6/1995	0.91		1120	Gila R. Community	Gila River at Maricopa Road bridge
Powerline FRS	6680	12/3/1992	0.91		1580	Pinal County	Alignments of Idaho Rd. and Warner Rd.
Sacaton Peak	750	6/11/1996	0.91		2680	Gila R. Community	4.5 miles E. of the SR387 / I-10 junction
Vekol Wash	6980	3/7/1990	0.91		1720	Maricopa County	On I-8 bridge, halfway between Gila Bend and Casa Grande
Vineyard FRS	6685	11/2/1983	0.91		1580	Pinal County	Alignments of Tomahawk Rd. and Williams Field Rd.
Saddleback FRS	5110	12/16/1988	0.83		1175	Maricopa County	7 mi. WSW of Tonopah in Harquahala Valley
Copper Wash	5030	2/20/2001	0.75		1070	Maricopa County	15 miles north of Agua Caliente
Gila Bend Mountains	5050	6/1/1988	0.75		1620	Maricopa County	16 mi NW of Painted Rock Dam off Agua Caliente Rd.
Harquahala FRS	5125	9/15/1993	0.75		1420	Maricopa County	10 mi. WNW of Tonopah in Harquahala Valley
Columbus Wash	5010	9/21/1999	0.71		690	Maricopa County	8 mi. N of Agua Caliente
Sand Tank @ I-8	6930	6/28/2001	0.71		775	Gila Bend	On I-8 bridge south of Gila Bend
Sauceda Wash	6920	2/28/1990	0.71		725	Maricopa County	6 mi. SSW of Gila Bend
Centennial Levee	5120	3/7/1984	0.20*		1300	Maricopa County	2 mi S. of I-10 and 4 mi. E. of W. County border, Harquahala Valley
Tat Momolikot Dam	770	1/29/1998	0.00		1560	Pinal County	19 miles SW of Casa Grande

APPENDIX C

FCD of Maricopa County ALERT System

P1: Gages 0750-4510 Storm Period Feb. 12th 14:00 - Feb. 15th 06:00

DeviceID	750	770	775	780	785	795	4500	4510
StatType	dif	dif	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in	in	in
02/15/03								
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	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	0.00	0.00
0300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0200	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02/14/03								
2400	0.00	0.00	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	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.04	0.00	0.04	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.20	0.04	0.00	0.00	0.04
0400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0300	0.08	0.00	0.00	0.24	0.00	0.04	0.08	0.00
0200	0.00	0.00	0.24	0.00	0.00	0.00	0.08	0.12
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.12
02/13/03								
2400	0.04	0.00	0.00	0.04	0.00	0.00	0.04	0.04
2300	0.08	0.00	0.12	0.00	0.08	0.00	0.08	0.16
2200	0.00	0.00	0.00	0.08	0.00	0.04	0.00	0.00
2100	0.00	0.00	0.04	0.08	0.00	0.00	0.08	0.12
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.04
1900	0.16	0.00	0.00	0.04	0.04	0.00	0.08	0.00
1800	0.04	0.00	0.04	0.12	0.16	0.12	0.12	0.20
1700	0.12	0.00	0.12	0.20	0.08	0.12	0.00	0.12
1600	0.00	0.00	0.00	0.04	0.67	0.16	0.28	0.00
1500	0.16	0.00	0.04	0.08	0.16	0.00	0.00	0.00
1400	0.00	0.00	0.08	0.24	0.12	0.51	0.00	0.00
1300	0.08	0.00	0.00	0.00	0.00	0.16	0.04	0.04
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.08	0.00	0.04	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.04
0500	0.04	0.00	0.08	0.04	0.04	0.00	0.08	0.08
0400	0.04	0.00	0.04	0.00	0.08	0.04	0.04	0.04
0300	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00
0200	0.00	0.00	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	0.00	0.04
02/12/03								
2400	0.04	0.00	0.00	0.00	0.04	0.00	0.04	0.00
2300	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04
2200	0.00	0.00	0.04	0.00	0.00	0.00	0.04	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.04	0.04	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00
1600	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	0.91	0.00	0.91	1.54	1.61	1.46	1.57	1.26

APPENDIX C

FCD of Maricopa County ALERT System

P2: Gages 4515-4550 Storm Period Feb. 12th 14:00 - Feb. 15th 06:00

DeviceID	4515	4520	4525	4530	4535	4540	4545	4550
StatType	dif	dif	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in	in	in
02/15/03								
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	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	0.00	0.00
0300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0200	0.00	0.00	0.00	0.16	0.00	0.00	0.04	0.08
0100	0.00	0.00	0.00	0.43	0.04	0.00	0.00	0.00
02/14/03								
2400	0.00	0.00	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	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.04
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00
0500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.08	0.04	0.00	0.00	0.00
0300	0.04	0.08	0.04	0.04	0.08	0.12	0.12	0.12
0200	0.12	0.12	0.16	0.16	0.16	0.16	0.20	0.20
0100	0.12	0.08	0.08	0.08	0.12	0.04	0.04	0.04
02/13/03								
2400	0.16	0.24	0.28	0.04	0.04	0.16	0.16	0.00
2300	0.12	0.08	0.00	0.00	0.00	0.00	0.04	0.00
2200	0.00	0.00	0.08	0.08	0.04	0.08	0.04	0.08
2100	0.08	0.24	0.04	0.04	0.08	0.00	0.04	0.00
2000	0.08	0.00	0.04	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.04	0.04	0.00	0.04
1800	0.20	0.28	0.16	0.04	0.04	0.04	0.08	0.04
1700	0.08	0.00	0.00	0.04	0.04	0.00	0.04	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
1500	0.00	0.08	0.04	0.12	0.16	0.28	0.16	0.20
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00
0900	0.00	0.00	0.04	0.00	0.00	0.00	0.04	0.00
0800	0.00	0.00	0.00	0.08	0.04	0.00	0.00	0.00
0700	0.00	0.04	0.12	0.00	0.04	0.00	0.00	0.00
0600	0.04	0.04	0.00	0.04	0.04	0.00	0.12	0.04
0500	0.08	0.16	0.08	0.16	0.16	0.16	0.16	0.16
0400	0.04	0.04	0.04	0.00	0.04	0.00	0.08	0.00
0300	0.00	0.00	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	0.00	0.00
0100	0.00	0.04	0.04	0.00	0.00	0.00	0.00	0.00
02/12/03								
2400	0.04	0.00	0.00	0.04	0.04	0.04	0.00	0.00
2300	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.04
2200	0.00	0.04	0.04	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.04	0.00	0.04	0.00
1600	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	1.18	1.54	1.26	1.69	1.26	1.34	1.46	1.14

APPENDIX C

FCD of Maricopa County ALERT System

P3: Gages 4555-4600 Storm Period Feb. 12th 14:00 - Feb. 15th 06:00

DeviceID	4555	4560	4570	4580	4585	4590	4595	4600
StatType	dif	dif	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in	in	in
02/15/03								
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	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	0.00	0.00
0300	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
0200	0.55	0.00	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	0.00	0.00
02/14/03								
2400	0.00	0.00	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	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
0500	0.00	0.04	0.00	0.00	0.04	0.00	0.04	0.00
0400	0.04	0.00	0.08	0.00	0.04	0.12	0.08	0.08
0300	0.16	0.20	0.00	0.16	0.04	0.04	0.04	0.12
0200	0.20	0.16	0.20	0.20	0.12	0.08	0.08	0.20
0100	0.04	0.00	0.12	0.04	0.04	0.12	0.12	0.12
02/13/03								
2400	0.04	0.04	0.24	0.24	0.59	0.63	0.67	0.24
2300	0.00	0.00	0.08	0.00	0.16	0.28	0.28	0.08
2200	0.08	0.08	0.04	0.08	0.08	0.12	0.12	0.04
2100	0.00	0.00	0.08	0.04	0.12	0.00	0.00	0.00
2000	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.04	0.08	0.04	0.08	0.12
1800	0.08	0.04	0.08	0.04	0.16	0.20	0.20	0.28
1700	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.08
1600	0.00	0.04	0.00	0.04	0.00	0.00	0.00	0.00
1500	0.24	0.16	0.24	0.35	0.00	0.00	0.04	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.04	0.04	0.04	0.04	0.04	0.16
0800	0.04	0.00	0.04	0.04	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.04	0.04	0.04	0.00
0600	0.12	0.08	0.08	0.20	0.12	0.08	0.08	0.00
0500	0.12	0.08	0.16	0.08	0.16	0.12	0.12	0.08
0400	0.00	0.00	0.00	0.00	0.00	0.08	0.04	0.00
0300	0.00	0.00	0.04	0.00	0.08	0.00	0.04	0.00
0200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.04	0.04	0.04	0.04
02/12/03								
2400	0.08	0.04	0.04	0.04	0.00	0.04	0.00	0.00
2300	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
2200	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.04	0.04	0.00
2000	0.00	0.00	0.00	0.04	0.04	0.00	0.00	0.00
1900	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	1.81	1.02	1.69	1.77	2.01	2.17	2.17	1.61

APPENDIX C

FCD of Maricopa County ALERT System

P4: Gages 4605-4640 Storm Period Feb. 12th 14:00 - Feb. 15th 06:00

DeviceID	4605	4610	4615	4620	4625	4630	4635	4640
StatType	dif	dif	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in	in	in
02/15/03								
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	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	0.00	0.00
0300	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
0200	0.00	0.04	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	0.00	0.00
02/14/03								
2400	0.00	0.00	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	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
2100	0.00	0.08	0.00	0.00	0.00	0.04	0.04	0.00
2000	0.04	0.04	0.00	0.00	0.00	0.04	0.08	0.08
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.20
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.04
0500	0.00	0.00	0.00	0.00	0.00	0.04	0.04	0.00
0400	0.00	0.00	0.00	0.00	0.00	0.08	0.04	0.08
0300	0.04	0.08	0.12	0.00	0.08	0.08	0.08	0.08
0200	0.20	0.20	0.16	0.04	0.20	0.12	0.20	0.12
0100	0.08	0.12	0.04	0.08	0.08	0.16	0.12	0.12
02/13/03								
2400	0.24	0.28	0.28	0.28	0.31	0.51	0.28	0.20
2300	0.16	0.12	0.08	0.12	0.12	0.20	0.35	0.43
2200	0.04	0.04	0.08	0.04	0.00	0.04	0.16	0.16
2100	0.12	0.08	0.08	0.08	0.04	0.08	0.00	0.16
2000	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
1900	0.08	0.16	0.04	0.16	0.04	0.00	0.04	0.00
1800	0.28	0.55	0.20	0.94	0.31	0.28	0.16	0.00
1700	0.08	0.00	0.04	0.04	0.04	0.00	0.20	0.39
1600	0.00	0.08	0.00	0.00	0.04	0.00	0.00	0.00
1500	0.04	0.08	0.04	0.00	0.04	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.04	0.04	0.00	0.04	0.00
1300	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.04	0.08	0.04	0.04	0.04	0.04	0.00	0.08
0800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.04	0.04	0.04	0.04	0.04	0.04	0.00	0.00
0600	0.04	0.04	0.04	0.08	0.08	0.08	0.08	0.04
0500	0.16	0.16	0.16	0.16	0.08	0.08	0.12	0.08
0400	0.04	0.04	0.04	0.00	0.08	0.08	0.04	0.08
0300	0.00	0.00	0.00	0.00	0.00	0.04	0.04	0.08
0200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0100	0.00	0.04	0.00	0.04	0.08	0.00	0.04	0.00
02/12/03								
2400	0.04	0.04	0.04	0.04	0.00	0.04	0.04	0.00
2300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2200	0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.04	0.00	0.00	0.00	0.04	0.00	0.04
2000	0.00	0.00	0.00	0.04	0.04	0.00	0.04	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	1.81	2.40	1.57	2.24	1.85	2.13	2.24	2.44

APPENDIX C

FCD of Maricopa County ALERT System

P5: Gages 4645-4680 Storm Period Feb. 12th 14:00 - Feb. 15th 06:00

DeviceID	4645	4650	4655	4660	4665	4670	4675	4680
StatType	dif	dif	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in	in	in
02/15/03								
0600	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
0400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0300	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00
0200	0.00	0.00	0.00	0.12	0.00	0.00	0.20	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00
02/14/03								
2400	0.00	0.00	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	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.04	0.00	0.00	0.04	0.04	0.00	0.04	0.00
2000	0.16	0.16	0.16	0.00	0.00	0.04	0.00	0.28
1900	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.08
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.04	0.08	0.08	0.04	0.00	0.00	0.04	0.04
0400	0.04	0.16	0.08	0.08	0.04	0.04	0.00	0.04
0300	0.12	0.00	0.12	0.12	0.12	0.04	0.08	0.12
0200	0.00	0.04	0.00	0.08	0.04	0.00	0.16	0.04
0100	0.08	0.12	0.16	0.24	0.08	0.12	0.12	0.08
02/13/03								
2400	0.35	0.28	0.28	0.28	0.28	0.31	0.28	0.20
2300	0.47	0.51	0.55	0.08	0.55	0.24	0.20	0.59
2200	0.16	0.16	0.16	0.08	0.20	0.08	0.04	0.16
2100	0.12	0.00	0.08	0.00	0.16	0.12	0.04	0.12
2000	0.00	0.08	0.00	0.08	0.00	0.00	0.04	0.00
1900	0.08	0.00	0.04	0.08	0.12	0.08	0.39	0.04
1800	0.20	0.16	0.24	0.04	0.12	0.20	0.39	0.12
1700	0.24	0.35	0.47	0.08	0.12	0.08	0.04	0.47
1600	0.00	0.08	0.04	0.00	0.08	0.08	0.00	0.04
1500	0.00	0.00	0.04	0.08	0.00	0.04	0.04	0.00
1400	0.08	0.04	0.04	0.04	0.08	0.00	0.04	0.04
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.04	0.04	0.00	0.00	0.00	0.00	0.00
1000	0.04	0.00	0.00	0.00	0.04	0.04	0.00	0.00
0900	0.12	0.04	0.04	0.12	0.04	0.04	0.04	0.12
0800	0.00	0.00	0.00	0.04	0.08	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.04	0.00	0.08	0.04	0.00
0600	0.08	0.08	0.12	0.16	0.08	0.12	0.08	0.08
0500	0.16	0.08	0.08	0.08	0.08	0.12	0.12	0.16
0400	0.04	0.12	0.08	0.04	0.08	0.04	0.04	0.04
0300	0.00	0.00	0.00	0.00	0.00	0.04	0.04	0.00
0200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0100	0.04	0.00	0.04	0.00	0.04	0.04	0.04	0.04
02/12/03								
2400	0.00	0.04	0.00	0.04	0.04	0.04	0.00	0.04
2300	0.04	0.00	0.00	0.00	0.00	0.00	0.04	0.00
2200	0.00	0.00	0.04	0.00	0.04	0.00	0.00	0.00
2100	0.00	0.04	0.00	0.00	0.00	0.04	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
1800	0.04	0.00	0.00	0.04	0.00	0.00	0.00	0.04
1700	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	2.72	2.64	2.95	2.24	2.60	2.09	2.64	2.99

APPENDIX C

FCD of Maricopa County ALERT System

P6: Gages 4685-4730 Storm Period Feb. 12th 14:00 - Feb. 15th 06:00

DeviceID	4685	4690	4695	4700	4710	4715	4720	4730
StatType	dif	dif	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in	in	in
02/15/03								
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	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	0.00	0.00
0300	0.00	0.04	0.04	0.00	0.00	0.00	0.00	0.00
0200	0.00	0.20	0.12	0.00	0.00	0.00	0.00	0.00
0100	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
02/14/03								
2400	0.00	0.00	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	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.04	0.08	0.04	0.00	0.00	0.00	0.00	0.00
2000	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.04
0800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.04	0.04	0.00	0.00	0.04	0.00	0.00
0400	0.04	0.04	0.12	0.04	0.00	0.08	0.00	0.00
0300	0.12	0.08	0.08	0.04	0.04	0.00	0.04	0.00
0200	0.20	0.20	0.16	0.08	0.12	0.12	0.16	0.20
0100	0.12	0.12	0.16	0.08	0.08	0.08	0.12	0.04
02/13/03								
2400	0.28	0.00	0.35	0.08	0.35	0.12	0.28	0.28
2300	0.12	0.24	0.16	0.24	0.12	0.71	0.16	0.08
2200	0.08	0.08	0.12	0.00	0.00	0.00	0.04	0.04
2100	0.12	0.04	0.00	0.04	0.08	0.08	0.12	0.12
2000	0.00	0.04	0.00	0.04	0.04	0.08	0.00	0.00
1900	0.00	0.20	0.08	0.00	0.00	0.00	0.04	0.04
1800	0.28	0.16	0.35	0.04	0.04	0.12	0.08	0.12
1700	0.08	0.08	0.00	0.20	0.20	1.22	0.35	0.24
1600	0.00	0.00	0.08	0.16	0.08	0.04	0.04	0.00
1500	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.04	0.00	0.00	0.04	0.04	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.04	0.08	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00
0600	0.04	0.08	0.08	0.04	0.04	0.04	0.04	0.04
0500	0.12	0.12	0.12	0.08	0.08	0.08	0.08	0.08
0400	0.08	0.04	0.00	0.04	0.04	0.08	0.04	0.04
0300	0.00	0.04	0.04	0.00	0.04	0.00	0.00	0.04
0200	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0100	0.04	0.00	0.00	0.04	0.00	0.00	0.04	0.00
02/12/03								
2400	0.00	0.04	0.04	0.04	0.04	0.04	0.00	0.04
2300	0.04	0.00	0.00	0.00	0.00	0.00	0.04	0.00
2200	0.00	0.00	0.04	0.04	0.04	0.04	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04
2000	0.04	0.00	0.00	0.04	0.04	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	2.09	2.32	2.40	1.34	1.54	3.03	1.73	1.50

APPENDIX C

FCD of Maricopa County ALERT System

P7: Gages 4740-4775 Storm Period Feb. 12th 14:00 - Feb. 15th 06:00

DeviceID	4740	4745	4750	4755	4760	4765	4770	4775
StatType	dif	dif	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in	in	in
02/15/03								
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	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	0.00	0.00
0300	0.00	0.00	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	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02/14/03								
2400	0.00	0.00	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	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.04
0400	0.00	0.00	0.00	0.00	0.04	0.04	0.08	0.08
0300	0.08	0.08	0.00	0.08	0.04	0.00	0.12	0.00
0200	0.16	0.16	0.08	0.08	0.12	0.08	0.12	0.16
0100	0.04	0.08	0.08	0.16	0.12	0.16	0.12	0.16
02/13/03								
2400	0.24	0.20	0.28	0.16	0.20	0.04	0.24	0.24
2300	0.12	0.12	0.04	0.08	0.39	0.31	0.59	0.31
2200	0.00	0.08	0.04	0.04	0.04	0.00	0.20	0.08
2100	0.16	0.08	0.12	0.08	0.20	0.08	0.24	0.08
2000	0.00	0.00	0.00	0.04	0.08	0.08	0.12	0.04
1900	0.04	0.04	0.00	0.00	0.04	0.00	0.08	0.04
1800	0.47	0.39	0.24	0.12	0.00	0.04	0.16	0.08
1700	0.08	0.04	0.08	0.16	0.51	0.79	0.16	1.18
1600	0.04	0.00	0.00	0.00	0.00	0.00	0.04	0.08
1500	0.00	0.04	0.04	0.00	0.00	0.04	0.00	0.00
1400	0.04	0.00	0.00	0.04	0.08	0.00	0.16	0.04
1300	0.00	0.00	0.04	0.00	0.08	0.16	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.04
0900	0.00	0.04	0.00	0.00	0.04	0.00	0.08	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.04	0.04	0.08	0.04	0.08	0.04	0.04	0.04
0500	0.12	0.12	0.08	0.04	0.08	0.08	0.08	0.08
0400	0.08	0.04	0.04	0.04	0.04	0.04	0.04	0.08
0300	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
0200	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
0100	0.00	0.04	0.00	0.00	0.04	0.00	0.04	0.04
02/12/03								
2400	0.04	0.00	0.08	0.04	0.04	0.04	0.00	0.04
2300	0.00	0.04	0.00	0.00	0.00	0.04	0.04	0.00
2200	0.04	0.00	0.00	0.04	0.04	0.08	0.04	0.04
2100	0.00	0.00	0.00	0.04	0.08	0.00	0.08	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.04	0.00	0.00	0.04	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.04
1500	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
TOTALS:	1.81	1.61	1.46	1.38	2.44	2.20	2.99	3.07

APPENDIX C

FCD of Maricopa County ALERT System

P8: Gages 4780-4820 Storm Period Feb. 12th 14:00 - Feb. 15th 06:00

DeviceID	4780	4785	4790	4800	4805	4810	4815	4820
StatType	dif	dif	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in	in	in
02/15/03								
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	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	0.00	0.00
0300	0.00	0.00	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	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02/14/03								
2400	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.12	0.00	0.00	0.00	0.04	0.04	0.04
0400	0.00	0.12	0.04	0.04	0.08	0.00	0.08	0.04
0300	0.08	0.12	0.08	0.08	0.00	0.28	0.08	0.12
0200	0.20	0.16	0.16	0.24	0.20	0.04	0.12	0.16
0100	0.08	0.00	0.12	0.16	0.12	0.12	0.08	0.12
02/13/03								
2400	0.35	0.24	0.31	0.31	0.31	0.47	0.31	0.24
2300	0.43	0.79	0.20	0.43	0.20	0.35	0.39	0.87
2200	0.04	0.16	0.00	0.12	0.08	0.00	0.04	0.12
2100	0.16	0.12	0.12	0.08	0.12	0.12	0.08	0.20
2000	0.00	0.12	0.04	0.00	0.04	0.00	0.04	0.12
1900	0.04	0.08	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.12	0.24	0.16	0.16	0.16	0.12	0.28	0.24
1700	0.51	0.08	0.12	0.47	0.16	0.63	0.35	0.20
1600	0.08	0.00	0.00	0.00	0.00	0.00	0.12	0.04
1500	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.08	0.00	0.04	0.00	0.04	0.00	0.12
1300	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
1000	0.04	0.00	0.04	0.00	0.00	0.00	0.08	0.08
0900	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.12
0800	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.04
0700	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.12	0.08	0.08	0.08	0.20	0.00	0.08
0500	0.08	0.00	0.12	0.12	0.08	0.00	0.08	0.08
0400	0.08	0.04	0.04	0.04	0.08	0.04	0.08	0.08
0300	0.04	0.04	0.04	0.04	0.00	0.04	0.00	0.00
0200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
0100	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
02/12/03								
2400	0.04	0.08	0.04	0.04	0.00	0.00	0.04	0.00
2300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2200	0.04	0.00	0.00	0.00	0.04	0.00	0.00	0.04
2100	0.00	0.04	0.04	0.04	0.00	0.04	0.04	0.04
2000	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.04
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.04
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	2.48	3.23	1.77	2.52	1.77	2.52	2.32	3.35

APPENDIX C

FCD of Maricopa County ALERT System
P9: Gages 4825-4900 Storm Period Feb. 12th 14:00 - Feb. 15th 06:00

DeviceID	4825	4830	4835	4840	4850	4855	4860	4900
StatType	dif	dif	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in	in	in
02/15/03								
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	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	0.00	0.00
0300	0.00	0.00	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	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02/14/03								
2400	0.00	0.00	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	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.04	0.00	0.00	0.04	0.04
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
0600	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00
0400	0.08	0.12	0.08	0.04	0.08	0.08	0.04	0.08
0300	0.08	0.20	0.12	0.12	0.12	0.08	0.04	0.04
0200	0.16	0.28	0.20	0.12	0.08	0.16	0.00	0.04
0100	0.08	0.31	0.00	0.04	0.24	0.04	0.08	0.04
02/13/03								
2400	0.24	0.35	0.28	0.20	0.12	0.24	0.35	0.20
2300	0.47	0.24	0.43	0.43	0.67	0.39	0.24	0.24
2200	0.16	0.08	0.20	0.31	0.12	0.16	0.08	0.04
2100	0.08	0.16	0.12	0.16	0.16	0.12	0.16	0.12
2000	0.00	0.00	0.08	0.04	0.04	0.04	0.00	0.20
1900	0.04	0.16	0.00	0.16	0.04	0.04	0.12	0.04
1800	0.16	0.24	0.12	0.12	0.20	0.08	0.24	0.20
1700	0.31	0.12	1.46	0.08	0.47	0.98	0.08	0.00
1600	0.08	0.08	0.00	0.08	0.04	0.08	0.16	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20
1400	0.00	0.16	0.08	0.12	0.00	0.00	0.04	0.04
1300	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.08	0.04	0.00	0.04	0.00	0.00	0.04	0.08
1000	0.00	0.00	0.04	0.08	0.00	0.00	0.00	0.04
0900	0.00	0.04	0.04	0.04	0.04	0.08	0.04	0.08
0800	0.00	0.12	0.00	0.08	0.00	0.00	0.00	0.12
0700	0.00	0.00	0.00	0.00	0.04	0.00	0.04	0.00
0600	0.08	0.00	0.16	0.08	0.08	0.04	0.12	0.12
0500	0.08	0.08	0.00	0.04	0.04	0.04	0.12	0.08
0400	0.08	0.00	0.08	0.08	0.12	0.08	0.08	0.04
0300	0.00	0.04	0.04	0.00	0.00	0.00	0.00	0.00
0200	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00
0100	0.04	0.04	0.00	0.08	0.04	0.04	0.04	0.04
02/12/03								
2400	0.00	0.00	0.04	0.00	0.00	0.00	0.04	0.04
2300	0.04	0.00	0.00	0.00	0.00	0.04	0.00	0.00
2200	0.00	0.04	0.00	0.04	0.04	0.00	0.00	0.00
2100	0.00	0.00	0.04	0.04	0.00	0.00	0.04	0.04
2000	0.00	0.04	0.00	0.00	0.04	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00
1800	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.04	0.00	0.04	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	2.36	3.03	3.66	2.68	2.83	2.83	2.28	2.24

APPENDIX C

FCD of Maricopa County ALERT System
P10: Gages 4910-4960 Storm Period Feb. 12th 14:00 - Feb. 15th 06:00

DeviceID	4910	4915	4920	4930	4935	4940	4950	4960
StatType	dif	dif	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in	in	in
02/15/03								
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	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	0.00	0.00
0300	0.00	0.00	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	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02/14/03								
2400	0.00	0.00	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	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
2000	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.04	0.00	0.00	0.00	0.04	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
0600	0.00	0.00	0.04	0.00	0.08	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0400	0.04	0.04	0.00	0.04	0.00	0.00	0.12	0.00
0300	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.04
0200	0.08	0.00	0.04	0.08	0.00	0.08	0.00	0.16
0100	0.08	0.08	0.04	0.12	0.12	0.20	0.16	0.04
02/13/03								
2400	0.39	0.35	0.24	0.31	0.31	0.20	0.20	0.28
2300	0.31	0.39	0.31	0.16	0.31	0.08	0.00	0.04
2200	0.12	0.12	0.16	0.20	0.00	0.16	0.20	0.08
2100	0.43	0.24	0.16	0.28	0.04	0.04	0.00	0.12
2000	0.04	0.04	0.12	0.00	0.00	0.04	0.04	0.12
1900	0.12	0.08	0.04	0.16	0.16	0.12	0.08	0.04
1800	0.24	0.24	0.08	0.24	0.16	0.04	0.24	0.00
1700	0.04	0.00	0.04	0.12	0.20	0.12	0.00	0.20
1600	0.08	0.00	0.04	0.24	0.00	0.12	0.00	0.08
1500	0.08	0.31	0.08	0.04	0.16	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.04
1200	0.00	0.00	0.08	0.00	0.00	0.04	0.08	0.16
1100	0.08	0.08	0.04	0.04	0.00	0.08	0.16	0.08
1000	0.00	0.04	0.16	0.04	0.00	0.12	0.12	0.20
0900	0.12	0.08	0.12	0.16	0.00	0.04	0.47	0.35
0800	0.00	0.00	0.04	0.04	0.00	0.04	0.00	0.04
0700	0.12	0.04	0.08	0.16	0.04	0.04	0.00	0.20
0600	0.16	0.12	0.16	0.16	0.16	0.12	0.00	0.16
0500	0.08	0.12	0.08	0.08	0.20	0.08	0.16	0.24
0400	0.08	0.04	0.04	0.12	0.00	0.08	0.04	0.00
0300	0.04	0.00	0.00	0.00	0.04	0.04	0.16	0.00
0200	0.04	0.04	0.08	0.04	0.00	0.12	0.16	0.12
0100	0.04	0.08	0.04	0.08	0.08	0.08	0.00	0.08
02/12/03								
2400	0.04	0.00	0.04	0.00	0.04	0.04	0.12	0.04
2300	0.00	0.00	0.00	0.04	0.04	0.04	0.00	0.04
2200	0.08	0.00	0.00	0.00	0.00	0.00	0.04	0.04
2100	0.00	0.00	0.04	0.08	0.00	0.08	0.12	0.08
2000	0.00	0.04	0.04	0.00	0.04	0.08	0.12	0.04
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
1800	0.04	0.00	0.00	0.00	0.04	0.04	0.00	0.04
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.04
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	2.99	2.68	2.48	2.99	2.24	2.44	2.87	3.19

APPENDIX C

FCD of Maricopa County ALERT System
P11: Gages 5000-5080 Storm Period Feb. 12th 14:00 - Feb. 15th 06:00

DeviceID	5000	5010	5030	5040	5050	5070	5075	5080
StatType	dif	dif	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in	in	in
02/15/03								
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	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	0.00	0.00
0300	0.00	0.00	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	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02/14/03								
2400	0.00	0.00	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	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	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	0.00	0.00
0300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0200	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02/13/03								
2400	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00
2300	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.04	0.39	0.08
2100	0.00	0.00	0.00	0.00	0.00	0.47	0.35	0.04
2000	0.04	0.00	0.00	0.00	0.00	0.00	0.12	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.08	0.04	0.00
1800	0.00	0.00	0.04	0.04	0.00	0.04	0.04	0.00
1700	0.51	0.00	0.00	0.00	0.00	0.00	0.04	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.04	0.00	0.04	0.00	0.00
1300	0.00	0.00	0.00	0.04	0.00	0.04	0.12	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
0800	0.04	0.00	0.00	0.00	0.00	0.08	0.08	0.08
0700	0.12	0.00	0.08	0.08	0.04	0.12	0.24	0.00
0600	0.04	0.08	0.04	0.08	0.16	0.20	0.12	0.08
0500	0.12	0.04	0.12	0.08	0.16	0.16	0.35	0.08
0400	0.00	0.08	0.08	0.08	0.08	0.04	0.04	0.12
0300	0.04	0.04	0.08	0.08	0.04	0.08	0.04	0.04
0200	0.12	0.24	0.08	0.12	0.12	0.04	0.08	0.04
0100	0.00	0.00	0.12	0.04	0.00	0.00	0.00	0.08
02/12/03								
2400	0.00	0.00	0.00	0.04	0.00	0.04	0.04	0.00
2300	0.04	0.00	0.00	0.08	0.04	0.04	0.08	0.08
2200	0.04	0.08	0.00	0.04	0.08	0.04	0.00	0.08
2100	0.08	0.00	0.08	0.16	0.04	0.04	0.00	0.04
2000	0.04	0.04	0.00	0.00	0.00	0.04	0.00	0.04
1900	0.00	0.00	0.04	0.04	0.00	0.00	0.00	0.08
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.04	0.04	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	1.22	0.71	0.75	1.02	0.75	1.93	2.20	0.94

APPENDIX C

FCD of Maricopa County ALERT System
P12: Gages 5085-5120 Storm Period Feb. 12th 14:00 - Feb. 15th 06:00

DeviceID	5085	5090	5095	5100	5105	5110	5115	5120
StatType	dif	dif	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in	in	in
02/15/03								
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	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	0.00	0.00
0300	0.00	0.00	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	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02/14/03								
2400	0.00	0.00	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	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	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	0.00	0.00
0300	0.00	0.00	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	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02/13/03								
2400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2300	0.00	0.12	0.00	0.00	0.04	0.00	0.08	0.00
2200	0.04	0.00	0.12	0.04	0.04	0.08	0.00	0.00
2100	0.00	0.00	0.24	0.20	0.00	0.00	0.04	0.00
2000	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.08	0.04	0.04	0.00	0.00	0.08	0.00
1800	0.00	0.00	0.20	0.28	0.00	0.00	0.00	0.00
1700	0.00	0.04	0.00	0.00	0.08	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.08	0.00	0.04	0.08	0.04	0.16	0.04	0.04
1300	0.00	0.00	0.12	0.08	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.12	0.00	0.00	0.04	0.04	0.00
0800	0.08	0.00	0.00	0.04	0.04	0.04	0.16	0.00
0700	0.00	0.08	0.20	0.12	0.12	0.08	0.00	0.04
0600	0.08	0.08	0.35	0.08	0.04	0.00	0.04	0.00
0500	0.12	0.12	0.20	0.35	0.16	0.08	0.12	0.00
0400	0.04	0.12	0.04	0.00	0.04	0.04	0.04	0.00
0300	0.12	0.12	0.08	0.08	0.04	0.04	0.08	0.04
0200	0.04	0.00	0.08	0.04	0.04	0.04	0.04	0.00
0100	0.08	0.00	0.00	0.00	0.04	0.00	0.08	0.00
02/12/03								
2400	0.00	0.00	0.04	0.04	0.04	0.04	0.00	0.00
2300	0.08	0.04	0.04	0.04	0.08	0.04	0.04	0.00
2200	0.08	0.04	0.04	0.04	0.04	0.08	0.08	0.00
2100	0.08	0.04	0.00	0.00	0.20	0.04	0.08	0.04
2000	0.12	0.04	0.00	0.00	0.00	0.04	0.00	0.00
1900	0.00	0.08	0.00	0.00	0.00	0.00	0.04	0.04
1800	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
1700	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	1.02	0.98	2.05	1.54	1.10	0.83	1.06	0.20

Plugged funnel found at Gage 5120

APPENDIX C

FCD of Maricopa County ALERT System
P13: Gages 5125-5160 Storm Period Feb. 12th 14:00 - Feb. 15th 06:00

DeviceID	5125	5130	5135	5140	5145	5150	5155	5160
StatType	dif	dif	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in	in	in
02/15/03								
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	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	0.00	0.00
0300	0.00	0.00	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	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02/14/03								
2400	0.00	0.00	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	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0400	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
0300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0200	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
0100	0.00	0.12	0.35	0.00	0.12	0.00	0.20	0.00
02/13/03								
2400	0.00	0.28	0.08	0.04	0.20	0.00	0.51	0.20
2300	0.04	0.00	0.00	0.12	0.00	0.08	0.00	0.16
2200	0.12	0.00	0.04	0.04	0.04	0.00	0.00	0.16
2100	0.00	0.08	0.04	0.08	0.00	0.00	0.00	0.12
2000	0.00	0.00	0.08	0.12	0.20	0.00	0.12	0.08
1900	0.00	0.04	0.00	0.08	0.08	0.12	0.00	0.04
1800	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.08
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.04	0.00	0.04	0.04	0.00	0.12	0.00
1500	0.00	0.04	0.04	0.00	0.00	0.00	0.00	0.31
1400	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.04
0900	0.00	0.00	0.04	0.00	0.00	0.00	0.08	0.04
0800	0.04	0.08	0.08	0.04	0.04	0.00	0.04	0.04
0700	0.04	0.04	0.16	0.04	0.04	0.12	0.04	0.04
0600	0.08	0.04	0.12	0.08	0.04	0.12	0.08	0.12
0500	0.08	0.12	0.24	0.08	0.08	0.16	0.12	0.08
0400	0.00	0.04	0.04	0.12	0.04	0.16	0.04	0.12
0300	0.00	0.08	0.08	0.00	0.04	0.20	0.08	0.04
0200	0.08	0.04	0.04	0.08	0.08	0.00	0.04	0.00
0100	0.00	0.08	0.04	0.00	0.00	0.00	0.04	0.04
02/12/03								
2400	0.00	0.04	0.04	0.00	0.08	0.04	0.08	0.04
2300	0.04	0.08	0.04	0.12	0.00	0.04	0.04	0.04
2200	0.12	0.08	0.04	0.00	0.08	0.04	0.04	0.04
2100	0.00	0.00	0.04	0.00	0.00	0.04	0.04	0.08
2000	0.00	0.04	0.04	0.08	0.04	0.04	0.04	0.04
1900	0.00	0.00	0.00	0.00	0.00	0.04	0.04	0.04
1800	0.00	0.04	0.04	0.04	0.04	0.00	0.00	0.04
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	0.71	1.77	1.77	1.18	1.30	1.22	1.81	2.01

APPENDIX C

FCD of Maricopa County ALERT System
P14: Gages 5165-5200 Storm Period Feb. 12th 14:00 - Feb. 15th 06:00

DeviceID	5165	5170	5175	5180	5185	5190	5195	5200
StatType	dif	dif	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in	in	in
02/15/03								
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	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	0.00	0.00
0300	0.00	0.00	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	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02/14/03								
2400	0.00	0.00	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	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00
1300	0.00	0.00	0.00	0.00	0.04	0.04	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
0500	0.12	0.00	0.00	0.00	0.00	0.04	0.00	0.00
0400	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
0300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0200	0.08	0.00	0.08	0.12	0.00	0.04	0.08	0.04
0100	0.20	0.04	0.16	0.20	0.35	0.08	0.04	0.35
02/13/03								
2400	0.00	0.08	0.08	0.00	0.00	0.12	0.20	0.08
2300	0.04	0.04	0.04	0.04	0.00	0.04	0.04	0.04
2200	0.00	0.00	0.08	0.00	0.00	0.00	0.04	0.04
2100	0.20	0.00	0.08	0.20	0.08	0.04	0.00	0.20
2000	0.16	0.08	0.28	0.20	0.08	0.08	0.47	0.04
1900	0.08	0.04	0.24	0.20	0.24	0.00	0.08	0.24
1800	0.04	0.00	0.24	0.08	0.24	0.00	0.47	0.20
1700	0.12	0.00	0.00	0.00	0.00	0.04	0.12	0.08
1600	0.00	0.00	0.16	0.00	0.08	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.04	0.04	0.00	0.00	0.08
1300	0.04	0.00	0.04	0.00	0.00	0.04	0.00	0.04
1200	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
1000	0.04	0.08	0.00	0.00	0.12	0.04	0.00	0.00
0900	0.00	0.00	0.00	0.04	0.08	0.04	0.04	0.00
0800	0.12	0.00	0.12	0.08	0.24	0.08	0.08	0.20
0700	0.04	0.04	0.00	0.04	0.00	0.12	0.00	0.20
0600	0.20	0.08	0.04	0.16	0.28	0.08	0.12	0.16
0500	0.12	0.12	0.12	0.08	0.16	0.16	0.16	0.08
0400	0.00	0.12	0.00	0.16	0.24	0.08	0.08	0.04
0300	0.12	0.08	0.12	0.00	0.04	0.12	0.08	0.08
0200	0.00	0.04	0.08	0.00	0.08	0.12	0.08	0.04
0100	0.04	0.08	0.00	0.00	0.00	0.04	0.08	0.00
02/12/03								
2400	0.04	0.04	0.08	0.04	0.28	0.04	0.00	0.00
2300	0.12	0.08	0.08	0.08	0.00	0.04	0.08	0.04
2200	0.04	0.04	0.00	0.04	0.00	0.08	0.12	0.04
2100	0.12	0.12	0.04	0.04	0.00	0.04	0.04	0.00
2000	0.00	0.00	0.04	0.04	0.04	0.04	0.08	0.04
1900	0.00	0.00	0.04	0.00	0.16	0.04	0.00	0.00
1800	0.04	0.00	0.00	0.04	0.00	0.04	0.04	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	2.09	1.18	2.24	1.93	2.95	1.81	2.68	2.32

APPENDIX C

FCD of Maricopa County ALERT System
P15: Gages 5205-5245 Storm Period Feb. 12th 14:00 - Feb. 15th 06:00

DeviceID	5205	5210	5215	5220	5225	5230	5240	5245
StatType	dif	dif	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in	in	in
02/15/03								
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	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	0.00	0.00
0300	0.00	0.00	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	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02/14/03								
2400	0.00	0.00	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	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
0500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0400	0.04	0.00	0.00	0.00	0.00	0.04	0.00	0.00
0300	0.20	0.04	0.00	0.16	0.20	0.20	0.00	0.12
0200	0.47	0.00	0.04	0.04	0.20	0.16	0.04	0.20
0100	0.12	0.12	0.08	0.04	0.00	0.00	0.04	0.00
02/13/03								
2400	0.16	0.00	0.39	0.00	0.04	0.00	0.39	0.04
2300	0.24	0.31	0.00	0.00	0.00	0.00	0.00	0.00
2200	0.63	0.28	0.00	0.12	0.24	0.16	0.04	0.12
2100	0.12	0.00	0.00	0.63	0.16	0.20	0.04	0.16
2000	0.00	0.00	0.43	0.12	0.04	0.12	0.00	0.08
1900	0.12	0.08	0.43	0.08	0.08	0.04	0.12	0.04
1800	0.00	0.12	0.08	0.04	0.24	0.20	0.08	0.28
1700	0.00	0.00	0.08	0.08	0.12	0.12	0.00	0.08
1600	0.00	0.00	0.04	0.31	0.00	0.00	0.00	0.00
1500	0.24	0.04	0.00	0.04	0.00	0.00	0.00	0.00
1400	0.16	0.08	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.08	0.00	0.00	0.04	0.00	0.00	0.00
0900	0.00	0.00	0.04	0.12	0.08	0.08	0.04	0.04
0800	0.20	0.04	0.12	0.39	0.12	0.16	0.08	0.12
0700	0.16	0.47	0.04	0.04	0.08	0.08	0.08	0.12
0600	0.04	0.20	0.35	0.24	0.28	0.12	0.12	0.20
0500	0.08	0.12	0.00	0.08	0.04	0.12	0.20	0.08
0400	0.04	0.04	0.16	0.12	0.12	0.08	0.04	0.08
0300	0.04	0.04	0.00	0.04	0.04	0.08	0.08	0.08
0200	0.00	0.04	0.00	0.00	0.04	0.00	0.00	0.00
0100	0.00	0.00	0.04	0.04	0.04	0.00	0.04	0.04
02/12/03								
2400	0.04	0.00	0.16	0.04	0.16	0.08	0.04	0.12
2300	0.00	0.04	0.00	0.16	0.00	0.04	0.12	0.00
2200	0.12	0.04	0.12	0.04	0.00	0.04	0.00	0.04
2100	0.04	0.00	0.00	0.04	0.08	0.08	0.04	0.04
2000	0.04	0.00	0.00	0.04	0.04	0.04	0.00	0.04
1900	0.00	0.00	0.08	0.08	0.04	0.04	0.04	0.04
1800	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.04
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	3.27	2.28	2.68	3.11	2.52	2.24	1.77	2.20

APPENDIX C

FCD of Maricopa County ALERT System
P16: Gages 5260-5335 Storm Period Feb. 12th 14:00 - Feb. 15th 06:00

DeviceID	5260	5265	5275	5280	5290	5305	5320	5335
StatType	dif	dif	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in	in	in
02/15/03								
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	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	0.00	0.00
0300	0.00	0.00	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	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02/14/03								
2400	0.00	0.00	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	0.04	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12
1600	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04
1400	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
1000	0.00	0.00	0.04	0.04	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.16	0.00	0.04	0.00
0400	0.00	0.00	0.04	0.00	0.08	0.16	0.04	0.00
0300	0.00	0.00	0.16	0.00	0.04	0.20	0.00	0.00
0200	0.08	0.12	0.35	0.08	0.04	0.04	0.04	0.04
0100	0.00	0.04	0.12	0.20	0.00	0.00	0.00	0.08
02/13/03								
2400	0.00	0.63	0.00	0.04	0.04	0.04	0.12	0.00
2300	0.00	0.04	0.08	0.12	0.04	0.04	0.00	0.20
2200	0.12	0.04	0.08	0.00	0.20	0.24	0.08	0.20
2100	0.08	0.00	0.00	0.20	0.12	0.08	0.12	0.28
2000	0.08	0.16	0.16	0.00	0.20	0.12	0.43	0.20
1900	0.04	0.16	0.24	0.08	0.12	0.04	0.39	0.28
1800	0.20	0.00	0.59	0.04	0.20	0.16	0.08	0.08
1700	0.08	0.00	0.04	0.04	0.20	0.08	0.04	0.08
1600	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.04
1500	0.00	0.00	0.00	0.04	0.08	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.04
1300	0.00	0.00	0.00	0.04	0.20	0.04	0.00	0.08
1200	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.08	0.08	0.04	0.00
1000	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.04
0900	0.04	0.04	0.08	0.04	0.24	0.04	0.16	0.28
0800	0.08	0.08	0.08	0.08	0.08	0.16	0.16	0.24
0700	0.08	0.12	0.12	0.08	0.28	0.12	0.04	0.16
0600	0.12	0.04	0.24	0.08	0.12	0.16	0.12	0.28
0500	0.08	0.28	0.08	0.08	0.16	0.08	0.12	0.16
0400	0.08	0.04	0.08	0.04	0.12	0.08	0.04	0.20
0300	0.08	0.12	0.12	0.08	0.04	0.04	0.00	0.08
0200	0.00	0.04	0.00	0.00	0.04	0.04	0.00	0.00
0100	0.04	0.04	0.00	0.00	0.04	0.04	0.04	0.08
02/12/03								
2400	0.08	0.04	0.08	0.04	0.24	0.08	0.12	0.12
2300	0.00	0.08	0.04	0.00	0.20	0.04	0.16	0.16
2200	0.00	0.16	0.08	0.04	0.12	0.08	0.08	0.16
2100	0.00	0.04	0.08	0.00	0.08	0.08	0.04	0.04
2000	0.00	0.00	0.00	0.04	0.08	0.00	0.08	0.08
1900	0.04	0.04	0.04	0.00	0.08	0.04	0.04	0.12
1800	0.00	0.04	0.04	0.00	0.08	0.00	0.00	0.08
1700	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	1.42	2.40	3.19	1.57	4.25	2.40	2.68	3.98

APPENDIX C

FCD of Maricopa County ALERT System
P17: Gages 5340-5415 Storm Period Feb. 12th 14:00 - Feb. 15th 06:00

DeviceID	5340	5350	5365	5380	5400	5405	5410	5415
StatType	dif	dif	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in	in	in
02/15/03								
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	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	0.00	0.00
0300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0200	0.00	0.04	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	0.00	0.00
02/14/03								
2400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00
1500	0.04	0.00	0.00	0.04	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.04	0.00	0.00	0.00	0.00	0.04	0.00	0.00
1000	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.08	0.00	0.00	0.04	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.04	0.00	0.00	0.00	0.04	0.00	0.04	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
0400	0.08	0.00	0.08	0.00	0.08	0.04	0.00	0.00
0300	0.04	0.00	0.00	0.04	0.04	0.08	0.04	0.04
0200	0.08	0.00	0.00	0.00	0.08	0.08	0.12	0.12
0100	0.08	0.04	0.00	0.04	0.12	0.08	0.08	0.08
02/13/03								
2400	0.12	0.20	0.08	0.08	0.12	0.12	0.20	0.24
2300	0.08	0.12	0.12	0.04	0.59	0.43	0.20	0.20
2200	0.00	0.04	0.00	0.08	0.00	0.20	0.98	0.59
2100	0.00	0.24	0.20	0.12	0.20	0.08	0.08	0.39
2000	0.12	0.08	0.04	0.08	0.24	0.16	0.04	0.24
1900	0.12	0.12	0.08	0.20	0.00	0.00	0.04	0.20
1800	0.12	0.12	0.20	0.12	0.00	0.00	0.00	0.08
1700	0.12	0.16	0.08	0.08	0.00	0.04	0.04	0.00
1600	0.00	0.00	0.00	0.20	0.47	0.12	0.24	0.08
1500	0.00	0.04	0.00	0.08	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.20	0.04	0.04	0.16	0.04	0.00
1300	0.08	0.00	0.04	0.16	0.08	0.00	0.04	0.04
1200	0.00	0.04	0.04	0.16	0.00	0.04	0.00	0.00
1100	0.16	0.00	0.04	0.43	0.00	0.00	0.00	0.00
1000	0.08	0.12	0.16	0.24	0.04	0.00	0.00	0.00
0900	0.20	0.16	0.12	0.31	0.04	0.12	0.12	0.00
0800	0.24	0.16	0.12	0.28	0.00	0.00	0.08	0.24
0700	0.31	0.24	0.12	0.28	0.00	0.00	0.00	0.04
0600	0.31	0.12	0.12	0.20	0.04	0.00	0.04	0.08
0500	0.28	0.08	0.04	0.24	0.08	0.08	0.08	0.12
0400	0.24	0.12	0.08	0.20	0.00	0.00	0.04	0.04
0300	0.20	0.00	0.00	0.12	0.00	0.04	0.08	0.04
0200	0.16	0.04	0.04	0.12	0.04	0.04	0.00	0.00
0100	0.12	0.12	0.08	0.12	0.04	0.00	0.00	0.00
02/12/03								
2400	0.39	0.16	0.08	0.28	0.04	0.04	0.04	0.04
2300	0.12	0.12	0.12	0.31	0.00	0.04	0.04	0.08
2200	0.24	0.08	0.08	0.20	0.04	0.08	0.04	0.08
2100	0.08	0.12	0.12	0.20	0.04	0.00	0.04	0.00
2000	0.12	0.12	0.04	0.24	0.04	0.04	0.04	0.00
1900	0.04	0.08	0.08	0.16	0.00	0.00	0.00	0.04
1800	0.12	0.04	0.00	0.04	0.00	0.04	0.04	0.00
1700	0.08	0.00	0.00	0.00	0.04	0.00	0.00	0.04
1600	0.04	0.00	0.00	0.00	0.04	0.00	0.00	0.04
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	4.88	3.11	2.72	5.59	2.60	2.17	2.83	3.15

APPENDIX C

FCD of Maricopa County ALERT System

P18: Gages 5425-5460 Storm Period Feb. 12th 14:00 - Feb. 15th 06:00

DeviceID	5425	5430	5435	5440	5445	5450	5455	5460
StatType	dif	dif	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in	in	in
02/15/03								
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	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	0.00	0.00
0300	0.00	0.00	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	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02/14/03								
2400	0.00	0.00	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	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0400	0.00	0.08	0.04	0.04	0.04	0.04	0.00	0.08
0300	0.04	0.08	0.08	0.08	0.08	0.12	0.04	0.04
0200	0.12	0.12	0.08	0.12	0.08	0.04	0.12	0.12
0100	0.08	0.20	0.00	0.08	0.08	0.12	0.00	0.04
02/13/03								
2400	0.12	0.31	0.12	0.16	0.12	0.00	0.00	0.04
2300	0.20	0.55	0.16	0.20	0.16	0.04	0.04	0.00
2200	0.28	0.47	0.43	0.31	0.47	0.04	0.08	0.16
2100	0.31	0.28	0.16	0.39	0.16	0.51	0.24	0.24
2000	0.12	0.20	0.04	0.08	0.04	0.12	0.04	0.00
1900	0.12	0.16	0.47	0.08	0.43	0.08	0.04	0.04
1800	0.00	0.04	0.00	0.00	0.04	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.20	0.08	0.12	0.12	0.08	0.08	0.08	0.08
1500	0.04	0.12	0.00	0.04	0.04	0.00	0.00	0.04
1400	0.16	0.12	0.00	0.00	0.00	0.04	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
1200	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.04	0.00	0.08	0.00	0.00	0.00	0.00
1000	0.00	0.04	0.00	0.00	0.00	0.00	0.04	0.00
0900	0.08	0.08	0.12	0.00	0.08	0.04	0.08	0.08
0800	0.28	0.20	0.12	0.16	0.12	0.24	0.28	0.39
0700	0.16	0.12	0.04	0.08	0.08	0.16	0.31	0.39
0600	0.16	0.08	0.12	0.04	0.16	0.12	0.08	0.12
0500	0.08	0.08	0.12	0.12	0.08	0.08	0.08	0.12
0400	0.08	0.04	0.04	0.04	0.04	0.12	0.04	0.04
0300	0.04	0.08	0.00	0.08	0.00	0.04	0.00	0.00
0200	0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00
0100	0.00	0.04	0.00	0.00	0.04	0.04	0.04	0.04
02/12/03								
2400	0.04	0.04	0.04	0.08	0.04	0.04	0.04	0.04
2300	0.08	0.20	0.12	0.08	0.12	0.16	0.04	0.08
2200	0.04	0.16	0.04	0.04	0.04	0.24	0.08	0.04
2100	0.04	0.04	0.04	0.00	0.00	0.04	0.04	0.00
2000	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
1900	0.00	0.04	0.04	0.04	0.00	0.04	0.04	0.04
1800	0.04	0.00	0.00	0.00	0.00	0.04	0.04	0.04
1700	0.04	0.04	0.00	0.08	0.00	0.04	0.00	0.04
1600	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	3.03	4.13	2.64	2.64	2.68	2.68	1.97	2.36

APPENDIX C

FCD of Maricopa County ALERT System
P19: Gages 5465-5510 Storm Period Feb. 12th 14:00 - Feb. 15th 06:00

DeviceID	5465	5470	5475	5485	5490	5500	5505	5510
StatType	dif	dif	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in	in	in
02/15/03								
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	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	0.00	0.00
0300	0.00	0.00	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	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02/14/03								
2400	0.00	0.00	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	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.12	0.12	0.08
2000	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.12
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
0400	0.00	0.04	0.00	0.12	0.04	0.08	0.12	0.04
0300	0.04	0.04	0.04	0.08	0.16	0.16	0.08	0.16
0200	0.08	0.12	0.08	0.00	0.04	0.16	0.08	0.16
0100	0.04	0.00	0.12	0.00	0.00	0.04	0.08	0.04
02/13/03								
2400	0.04	0.04	0.00	0.04	0.04	0.00	0.16	0.16
2300	0.12	0.12	0.04	0.04	0.00	0.39	0.59	0.35
2200	0.31	0.43	0.04	0.28	0.28	0.63	0.28	0.35
2100	0.16	0.16	0.20	0.24	0.35	0.20	0.24	0.08
2000	0.04	0.08	0.20	0.59	0.31	0.16	0.20	0.12
1900	0.28	0.51	0.24	0.12	0.12	0.04	0.00	0.12
1800	0.04	0.04	0.00	0.04	0.08	0.00	0.00	0.00
1700	0.04	0.00	0.00	0.12	0.08	0.04	0.08	0.00
1600	0.20	0.08	0.08	0.20	0.31	0.04	0.20	0.12
1500	0.20	0.24	0.00	0.00	0.00	0.04	0.00	0.00
1400	0.28	0.00	0.04	0.00	0.00	0.04	0.12	0.00
1300	0.28	0.28	0.00	0.04	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00
1000	0.00	0.04	0.00	0.00	0.00	0.00	0.04	0.00
0900	0.08	0.00	0.12	0.20	0.16	0.12	0.08	0.12
0800	0.31	0.20	0.24	0.12	0.16	0.08	0.00	0.04
0700	0.08	0.04	0.08	0.00	0.00	0.00	0.00	0.00
0600	0.16	0.12	0.16	0.20	0.20	0.08	0.08	0.08
0500	0.08	0.08	0.12	0.16	0.12	0.04	0.04	0.08
0400	0.04	0.04	0.12	0.04	0.08	0.04	0.04	0.04
0300	0.04	0.00	0.08	0.00	0.00	0.00	0.00	0.00
0200	0.04	0.04	0.00	0.00	0.04	0.04	0.04	0.04
0100	0.00	0.00	0.04	0.08	0.00	0.04	0.00	0.00
02/12/03								
2400	0.08	0.04	0.04	0.00	0.08	0.04	0.04	0.04
2300	0.04	0.12	0.24	0.31	0.31	0.04	0.04	0.04
2200	0.04	0.04	0.12	0.12	0.16	0.04	0.04	0.08
2100	0.04	0.04	0.00	0.04	0.00	0.08	0.04	0.04
2000	0.04	0.04	0.08	0.04	0.04	0.00	0.04	0.04
1900	0.04	0.00	0.04	0.04	0.08	0.04	0.00	0.04
1800	0.00	0.04	0.04	0.08	0.04	0.00	0.04	0.00
1700	0.04	0.00	0.08	0.08	0.08	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	3.27	3.07	2.64	3.46	3.35	3.03	2.87	2.56

APPENDIX C

FCD of Maricopa County ALERT System
P20: Gages 5515-5565 Storm Period Feb. 12th 14:00 - Feb. 15th 06:00

DeviceID	5515	5520	5525	5535	5545	5550	5555	5565
StatType	dif	dif	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in	in	in
02/15/03								
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	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	0.00	0.00
0300	0.00	0.00	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	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02/14/03								
2400	0.00	0.00	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	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
2000	0.31	0.00	0.00	0.20	0.00	0.04	0.00	0.04
1900	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.08
1800	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.35
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
0500	0.00	0.00	0.08	0.04	0.00	0.04	0.00	0.08
0400	0.04	0.08	0.00	0.08	0.00	0.08	0.00	0.00
0300	0.12	0.04	0.08	0.08	0.04	0.12	0.04	0.08
0200	0.12	0.08	0.12	0.04	0.08	0.00	0.12	0.00
0100	0.04	0.08	0.04	0.00	0.08	0.08	0.00	0.04
02/13/03								
2400	0.12	0.28	0.24	0.20	0.16	0.20	0.31	0.20
2300	0.24	0.31	0.43	0.24	0.24	0.47	0.24	0.43
2200	0.55	0.47	0.59	0.20	0.16	0.12	0.47	0.12
2100	0.08	0.20	0.28	0.20	0.12	0.16	0.16	0.16
2000	0.08	0.20	0.20	0.39	0.08	0.08	0.12	0.35
1900	0.04	0.00	0.00	0.28	0.04	0.08	0.00	0.08
1800	0.08	0.16	0.08	0.08	0.04	0.12	0.00	0.08
1700	0.00	0.04	0.12	0.12	0.04	0.08	0.08	0.04
1600	0.00	0.00	0.04	0.00	0.04	0.00	0.04	0.00
1500	0.00	0.00	0.04	0.00	0.08	0.35	0.00	0.04
1400	0.00	0.16	0.12	0.12	0.00	0.08	0.00	0.04
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.04	0.00	0.00	0.04	0.00
1100	0.00	0.04	0.04	0.08	0.04	0.00	0.04	0.08
1000	0.00	0.08	0.04	0.12	0.00	0.04	0.08	0.00
0900	0.16	0.08	0.04	0.00	0.12	0.08	0.12	0.04
0800	0.20	0.00	0.04	0.08	0.12	0.08	0.24	0.04
0700	0.00	0.04	0.00	0.00	0.12	0.00	0.04	0.04
0600	0.12	0.04	0.08	0.04	0.12	0.12	0.12	0.08
0500	0.04	0.08	0.08	0.08	0.12	0.08	0.12	0.08
0400	0.04	0.08	0.04	0.04	0.04	0.04	0.04	0.04
0300	0.04	0.00	0.00	0.00	0.04	0.04	0.00	0.00
0200	0.00	0.04	0.04	0.00	0.04	0.00	0.08	0.00
0100	0.04	0.00	0.00	0.04	0.04	0.04	0.08	0.04
02/12/03								
2400	0.04	0.04	0.04	0.04	0.04	0.00	0.04	0.00
2300	0.08	0.04	0.04	0.04	0.00	0.00	0.00	0.04
2200	0.08	0.00	0.04	0.00	0.04	0.04	0.04	0.04
2100	0.04	0.04	0.04	0.08	0.04	0.00	0.08	0.04
2000	0.04	0.00	0.00	0.00	0.00	0.00	0.04	0.00
1900	0.04	0.04	0.04	0.00	0.04	0.00	0.00	0.04
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	2.76	2.76	3.03	2.91	2.17	2.95	2.83	2.80

APPENDIX C

FCD of Maricopa County ALERT System
P21: Gages 5580-5650 Storm Period Feb. 12th 14:00 - Feb. 15th 06:00

DeviceID	5580	5585	5595	5610	5625	5630	5640	5650
StatType	dif	dif	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in	in	in
02/15/03								
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	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	0.00	0.00
0300	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
0200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
02/14/03								
2400	0.00	0.00	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	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.04	0.00	0.04	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.04	0.00	0.00	0.04	0.08	0.00	0.00
1800	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00
1700	0.04	0.00	0.00	0.00	0.00	0.08	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00
0500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
0400	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
0300	0.04	0.08	0.08	0.00	0.04	0.00	0.00	0.04
0200	0.04	0.00	0.08	0.00	0.00	0.00	0.00	0.00
0100	0.08	0.04	0.04	0.00	0.04	0.04	0.16	0.00
02/13/03								
2400	0.20	0.24	0.24	0.00	0.12	0.12	0.24	0.08
2300	0.24	0.12	0.39	0.31	0.16	0.16	0.16	0.16
2200	0.24	0.79	0.35	0.08	0.51	0.31	0.12	0.35
2100	0.12	0.12	0.16	0.00	0.16	0.08	0.12	0.16
2000	0.16	0.12	0.39	0.00	0.04	0.08	0.16	0.08
1900	0.00	0.00	0.12	0.00	0.12	0.00	0.00	0.00
1800	0.08	0.04	0.00	0.00	0.00	0.08	0.04	0.00
1700	0.04	0.12	0.04	0.04	0.04	0.08	0.04	0.08
1600	0.04	0.00	0.04	0.00	0.04	0.04	0.12	0.08
1500	0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.35
1400	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.04
1300	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.08	0.00	0.00	0.04	0.00	0.12	0.00
1100	0.08	0.00	0.00	0.00	0.04	0.00	0.24	0.04
1000	0.00	0.04	0.04	0.00	0.16	0.12	0.00	0.04
0900	0.08	0.16	0.08	0.04	0.12	0.16	0.28	0.20
0800	0.08	0.12	0.04	0.00	0.08	0.00	0.20	0.04
0700	0.16	0.08	0.00	0.00	0.04	0.08	0.20	0.08
0600	0.16	0.16	0.20	0.04	0.12	0.08	0.20	0.12
0500	0.08	0.08	0.00	0.12	0.04	0.08	0.43	0.12
0400	0.04	0.04	0.00	0.04	0.04	0.04	0.00	0.00
0300	0.04	0.04	0.00	0.00	0.04	0.00	0.00	0.00
0200	0.04	0.04	0.04	0.04	0.08	0.08	0.00	0.04
0100	0.04	0.12	0.00	0.04	0.04	0.04	0.00	0.04
02/12/03								
2400	0.08	0.00	0.04	0.00	0.04	0.04	0.12	0.12
2300	0.00	0.04	0.08	0.08	0.12	0.08	0.00	0.00
2200	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.04
2100	0.08	0.04	0.04	0.04	0.12	0.08	0.16	0.04
2000	0.04	0.04	0.04	0.04	0.00	0.00	0.00	0.04
1900	0.00	0.04	0.00	0.00	0.00	0.04	0.16	0.00
1800	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.04
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	2.40	2.83	2.80	1.02	2.44	2.20	3.31	2.44

APPENDIX C

FCD of Maricopa County ALERT System

P22: Gages 5660-5760 Storm Period Feb. 12th 14:00 - Feb. 15th 06:00

DeviceID	5660	5670	5685	5700	5715	5730	5745	5760
StatType	dif	dif	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in	in	in
02/15/03								
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	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	0.00	0.00
0300	0.00	0.00	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	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02/14/03								
2400	0.00	0.00	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	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.12	0.00	0.04	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.04	0.04	0.00	0.00	0.00
1600	0.47	0.00	0.04	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0300	0.08	0.00	0.00	0.04	0.00	0.00	0.00	0.00
0200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0100	0.00	0.04	0.08	0.04	0.12	0.04	0.08	0.04
02/13/03								
2400	0.20	0.04	0.04	0.08	0.08	0.20	0.12	0.04
2300	0.04	0.20	0.20	0.12	0.12	0.08	0.16	0.12
2200	0.35	0.16	0.31	0.28	0.24	0.28	0.16	0.28
2100	0.24	0.24	0.16	0.24	0.35	0.28	0.16	0.08
2000	0.08	0.12	0.59	0.20	0.16	0.20	0.00	0.00
1900	0.04	0.20	0.43	0.08	0.16	0.00	0.00	0.00
1800	0.00	0.04	0.00	0.04	0.08	0.08	0.04	0.00
1700	0.04	0.39	0.24	0.08	0.04	0.00	0.04	0.00
1600	0.08	0.35	0.04	0.31	0.04	0.08	0.04	0.00
1500	0.24	0.16	0.12	0.04	0.00	0.00	0.00	0.00
1400	0.08	0.00	0.00	0.04	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.04	0.04	0.08	0.04	0.00	0.00
1200	0.04	0.00	0.00	0.08	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.04	0.04	0.00	0.04	0.00
1000	0.08	0.04	0.04	0.28	0.08	0.12	0.04	0.12
0900	0.04	0.20	0.51	0.51	0.39	0.28	0.20	0.16
0800	0.12	0.35	0.47	0.35	0.24	0.08	0.20	0.16
0700	0.00	0.12	0.00	0.24	0.20	0.08	0.12	0.16
0600	0.16	0.24	0.28	0.28	0.16	0.20	0.16	0.12
0500	0.00	0.12	0.08	0.28	0.12	0.08	0.20	0.08
0400	0.04	0.08	0.12	0.12	0.12	0.04	0.00	0.04
0300	0.00	0.04	0.00	0.08	0.04	0.08	0.04	0.08
0200	0.04	0.00	0.04	0.12	0.08	0.12	0.08	0.12
0100	0.12	0.12	0.04	0.08	0.04	0.08	0.16	0.08
02/12/03								
2400	0.00	0.00	0.08	0.12	0.16	0.12	0.00	0.04
2300	0.08	0.08	0.20	0.24	0.20	0.08	0.08	0.08
2200	0.04	0.08	0.12	0.12	0.12	0.12	0.04	0.08
2100	0.04	0.04	0.08	0.08	0.08	0.12	0.12	0.12
2000	0.04	0.04	0.00	0.08	0.12	0.16	0.08	0.08
1900	0.04	0.08	0.08	0.08	0.12	0.00	0.04	0.00
1800	0.04	0.08	0.08	0.08	0.12	0.00	0.00	0.00
1700	0.00	0.04	0.04	0.04	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	3.19	3.70	4.57	4.96	3.94	3.03	2.36	2.09

APPENDIX C

FCD of Maricopa County ALERT System
P23: Gages 5775-5915 Storm Period Feb. 12th 14:00 - Feb. 15th 06:00

DeviceID	5775	5790	5805	5820	5890	5900	5910	5915
StatType	dif	dif	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in	in	in
02/15/03								
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	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	0.00	0.00
0300	0.00	0.00	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	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02/14/03								
2400	0.00	0.00	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	0.04	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.08	0.04	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.04	0.00	0.08	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
0400	0.00	0.00	0.00	0.00	0.04	0.04	0.00	0.04
0300	0.00	0.00	0.00	0.00	0.04	0.00	0.04	0.00
0200	0.00	0.00	0.00	0.00	0.08	0.12	0.08	0.08
0100	0.00	0.04	0.00	0.04	0.24	0.08	0.16	0.16
02/13/03								
2400	0.04	0.04	0.00	0.00	0.35	0.31	0.24	0.39
2300	0.08	0.00	0.04	0.00	0.00	0.12	0.12	0.12
2200	0.20	0.08	0.00	0.00	0.20	0.04	0.08	0.04
2100	0.04	0.08	0.08	0.00	0.16	0.00	0.00	0.00
2000	0.04	0.04	0.12	0.04	0.00	0.04	0.08	0.04
1900	0.04	0.00	0.16	0.20	0.08	0.24	0.20	0.31
1800	0.00	0.04	0.04	0.16	0.16	0.12	0.12	0.08
1700	0.00	0.00	0.04	0.00	0.04	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.12	0.39	0.28	0.12
1500	0.00	0.00	0.00	0.04	0.08	0.00	0.00	0.04
1400	0.00	0.00	0.04	0.08	0.20	0.04	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00
1100	0.04	0.08	0.04	0.00	0.08	0.00	0.08	0.00
1000	0.43	0.28	0.20	0.12	0.16	0.04	0.00	0.08
0900	0.20	0.20	0.28	0.04	0.12	0.04	0.04	0.16
0800	0.04	0.08	0.04	0.04	0.24	0.08	0.12	0.12
0700	0.20	0.08	0.12	0.12	0.04	0.08	0.08	0.12
0600	0.16	0.12	0.12	0.16	0.24	0.12	0.16	0.16
0500	0.00	0.12	0.04	0.00	0.08	0.16	0.08	0.12
0400	0.08	0.00	0.20	0.00	0.08	0.04	0.08	0.04
0300	0.12	0.04	0.04	0.08	0.08	0.04	0.04	0.08
0200	0.08	0.08	0.12	0.04	0.12	0.00	0.04	0.00
0100	0.08	0.08	0.12	0.12	0.16	0.00	0.04	0.04
02/12/03								
2400	0.20	0.12	0.20	0.20	0.08	0.12	0.08	0.08
2300	0.08	0.04	0.12	0.12	0.00	0.00	0.04	0.04
2200	0.12	0.12	0.16	0.04	0.08	0.00	0.00	0.00
2100	0.12	0.08	0.12	0.12	0.00	0.00	0.04	0.00
2000	0.12	0.04	0.12	0.00	0.08	0.04	0.00	0.04
1900	0.00	0.00	0.04	0.00	0.08	0.00	0.04	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
1600	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.04
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	2.52	1.97	2.68	1.81	3.66	2.32	2.36	2.60

APPENDIX C

FCD of Maricopa County ALERT System
P24: Gages 5930-5980 Storm Period Feb. 12th 14:00 - Feb. 15th 06:00

DeviceID	5930	5945	5950	5960	5965	5970	5975	5980
StatType	dif	dif	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in	in	in
02/15/03								
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	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	0.00	0.00
0300	0.00	0.00	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	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02/14/03								
2400	0.04	0.00	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	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
0600	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.04
0500	0.00	0.04	0.04	0.04	0.08	0.00	0.04	0.04
0400	0.04	0.08	0.12	0.00	0.00	0.08	0.12	0.08
0300	0.04	0.04	0.16	0.04	0.28	0.20	0.08	0.12
0200	0.00	0.08	0.12	0.04	0.08	0.12	0.12	0.12
0100	0.20	0.16	0.16	0.04	0.20	0.20	0.20	0.20
02/13/03								
2400	0.24	0.31	0.24	0.04	0.35	0.24	0.20	0.24
2300	0.20	0.28	0.12	0.04	0.04	0.16	0.12	0.16
2200	0.08	0.20	0.08	0.04	0.12	0.12	0.08	0.04
2100	0.04	0.00	0.00	0.04	0.00	0.00	0.04	0.00
2000	0.00	0.00	0.04	0.16	0.04	0.00	0.00	0.08
1900	0.20	0.08	0.12	0.20	0.12	0.08	0.12	0.08
1800	0.20	0.31	0.04	0.00	0.04	0.08	0.04	0.00
1700	0.12	0.08	0.00	0.00	0.00	0.00	0.00	0.08
1600	0.00	0.00	0.04	0.04	0.12	0.04	0.16	0.00
1500	0.04	0.04	0.24	0.00	0.28	0.31	0.12	0.24
1400	0.00	0.00	0.08	0.04	0.00	0.04	0.04	0.04
1300	0.00	0.00	0.00	0.04	0.00	0.04	0.00	0.00
1200	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
1000	0.04	0.00	0.04	0.00	0.00	0.04	0.04	0.12
0900	0.12	0.20	0.04	0.04	0.04	0.08	0.12	0.00
0800	0.08	0.04	0.08	0.00	0.12	0.08	0.12	0.08
0700	0.12	0.24	0.04	0.08	0.00	0.04	0.12	0.08
0600	0.12	0.00	0.20	0.12	0.12	0.16	0.16	0.12
0500	0.12	0.04	0.08	0.00	0.16	0.12	0.12	0.12
0400	0.08	0.04	0.00	0.04	0.00	0.04	0.04	0.04
0300	0.08	0.08	0.04	0.08	0.04	0.00	0.04	0.08
0200	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
0100	0.08	0.00	0.00	0.00	0.00	0.04	0.04	0.00
02/12/03								
2400	0.04	0.04	0.08	0.12	0.08	0.04	0.08	0.00
2300	0.04	0.00	0.04	0.04	0.00	0.04	0.00	0.04
2200	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
2100	0.00	0.04	0.04	0.00	0.00	0.00	0.04	0.00
2000	0.04	0.00	0.00	0.00	0.00	0.04	0.00	0.04
1900	0.04	0.04	0.00	0.04	0.04	0.04	0.00	0.00
1800	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04
1600	0.04	0.04	0.04	0.04	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	2.44	2.52	2.28	1.50	2.40	2.48	2.40	2.32

APPENDIX C

FCD of Maricopa County ALERT System
P25: Gages 5985-6530 Storm Period Feb. 12th 14:00 - Feb. 15th 06:00

DeviceID	5985	5990	5995	6500	6510	6520	6525	6530
StatType	dif	dif	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in	in	in
02/15/03								
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	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	0.00	0.00
0300	0.00	0.00	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	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02/14/03								
2400	0.00	0.00	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	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.04	0.04	0.04	0.00	0.00	0.04	0.01	0.00
0400	0.12	0.08	0.08	0.04	0.08	0.04	0.05	0.04
0300	0.00	0.04	0.04	0.04	0.08	0.04	0.17	0.12
0200	0.12	0.12	0.12	0.12	0.08	0.12	0.09	0.20
0100	0.24	0.20	0.16	0.16	0.28	0.16	0.25	0.16
02/13/03								
2400	0.43	0.24	0.39	0.08	0.08	0.04	0.11	0.08
2300	0.04	0.12	0.24	0.08	0.12	0.00	0.19	0.00
2200	0.08	0.08	0.12	0.00	0.00	0.00	0.02	0.00
2100	0.04	0.00	0.00	0.08	0.16	0.08	0.10	0.04
2000	0.00	0.04	0.00	0.00	0.00	0.00	0.07	0.00
1900	0.12	0.12	0.08	0.04	0.00	0.00	0.01	0.00
1800	0.12	0.08	0.24	0.08	0.08	0.04	0.05	0.12
1700	0.00	0.04	0.00	0.12	0.08	0.08	0.05	0.04
1600	0.35	0.04	0.04	0.00	0.08	0.00	0.09	0.04
1500	0.12	0.28	0.04	0.04	0.00	0.04	0.00	0.28
1400	0.00	0.04	0.00	0.00	0.00	0.00	0.01	0.00
1300	0.00	0.00	0.00	0.00	0.04	0.00	0.01	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.08	0.04	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.12	0.08	0.24	0.00	0.00	0.04	0.00	0.00
0800	0.12	0.08	0.08	0.04	0.00	0.00	0.01	0.00
0700	0.08	0.08	0.12	0.00	0.00	0.00	0.00	0.00
0600	0.20	0.16	0.16	0.08	0.04	0.12	0.03	0.04
0500	0.12	0.08	0.12	0.12	0.08	0.08	0.08	0.16
0400	0.04	0.04	0.04	0.04	0.08	0.04	0.03	0.04
0300	0.04	0.04	0.08	0.04	0.00	0.00	0.01	0.00
0200	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.04
0100	0.04	0.00	0.00	0.00	0.00	0.00	0.01	0.00
02/12/03								
2400	0.08	0.08	0.08	0.00	0.00	0.04	0.02	0.00
2300	0.00	0.00	0.08	0.00	0.04	0.00	0.02	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.04	0.02	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
2000	0.04	0.04	0.00	0.04	0.04	0.00	0.03	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.04	0.00	0.00	0.00	0.00	0.01	0.00
1600	0.04	0.00	0.04	0.00	0.00	0.00	0.02	0.00
1500	0.00	0.00	0.00	0.00	0.04	0.04	0.02	0.04
TOTALS:	2.80	2.28	2.60	1.22	1.46	1.06	1.63	1.46

APPENDIX C

FCD of Maricopa County ALERT System
P26: Gages 6540-6590 Storm Period Feb. 12th 14:00 - Feb. 15th 06:00

DeviceID	6540	6545	6550	6560	6570	6575	6580	6590
StatType	dif	dif	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in	in	in
02/15/03								
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	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	0.00	0.00
0300	0.00	0.00	0.00	0.00	0.04	0.20	0.04	0.04
0200	0.24	0.24	0.00	0.00	0.12	0.00	0.16	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02/14/03								
2400	0.00	0.00	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	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
0500	0.00	0.04	0.00	0.00	0.00	0.00	0.04	0.00
0400	0.04	0.00	0.00	0.16	0.04	0.04	0.04	0.04
0300	0.04	0.12	0.12	0.00	0.08	0.08	0.08	0.04
0200	0.24	0.20	0.12	0.16	0.08	0.24	0.20	0.08
0100	0.04	0.00	0.28	0.43	0.04	0.04	0.12	0.08
02/13/03								
2400	0.00	0.04	0.08	0.04	0.04	0.04	0.04	0.00
2300	0.00	0.00	0.08	0.12	0.00	0.08	0.00	0.08
2200	0.00	0.04	0.00	0.04	0.04	0.00	0.00	0.12
2100	0.04	0.08	0.04	0.08	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.08	0.04	0.04	0.08	0.08	0.08
1800	0.12	0.00	0.04	0.04	0.08	0.16	0.04	0.08
1700	0.00	0.08	0.12	0.08	0.04	0.04	0.04	0.04
1600	0.00	0.00	0.00	0.00	0.04	0.08	0.08	0.04
1500	0.08	0.20	0.04	0.00	0.24	0.20	0.08	0.31
1400	0.00	0.00	0.00	0.00	0.04	0.00	0.28	0.04
1300	0.08	0.00	0.04	0.04	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.04
0600	0.04	0.04	0.04	0.00	0.04	0.12	0.04	0.04
0500	0.16	0.16	0.12	0.08	0.12	0.04	0.08	0.08
0400	0.04	0.04	0.04	0.04	0.00	0.00	0.00	0.00
0300	0.00	0.04	0.00	0.04	0.04	0.00	0.00	0.00
0200	0.00	0.00	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	0.00	0.00
02/12/03								
2400	0.00	0.00	0.00	0.00	0.04	0.04	0.00	0.04
2300	0.04	0.00	0.04	0.04	0.00	0.00	0.08	0.04
2200	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.04	0.08	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	1.22	1.34	1.42	1.57	1.26	1.54	1.50	1.34

APPENDIX C

FCD of Maricopa County ALERT System
P27: Gages 6595-6640 Storm Period Feb. 12th 14:00 - Feb. 15th 06:00

DeviceID	6595	6600	6605	6610	6615	6620	6625	6640
StatType	dif	dif	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in	in	in
02/15/03								
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0300	0.00	0.04	0.00	0.04	0.12	0.04	0.00	0.00
0200	0.00	0.00	0.08	0.00	0.04	0.08	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02/14/03								
2400	0.00	0.00	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	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.08	0.04	0.00	0.00	0.00	0.04	0.00	0.04
0400	0.00	0.04	0.04	0.04	0.04	0.04	0.04	0.00
0300	0.00	0.12	0.08	0.08	0.04	0.04	0.16	0.20
0200	0.12	0.08	0.20	0.12	0.20	0.16	0.00	0.00
0100	0.00	0.00	0.00	0.08	0.08	0.08	0.16	0.04
02/13/03								
2400	0.00	0.00	0.04	0.08	0.04	0.00	0.00	0.04
2300	0.04	0.00	0.00	0.04	0.00	0.00	0.00	0.04
2200	0.00	0.08	0.04	0.00	0.04	0.04	0.00	0.00
2100	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.04	0.00	0.00	0.04	0.00	0.00	0.00
1900	0.00	0.04	0.00	0.12	0.08	0.08	0.04	0.04
1800	0.08	0.08	0.00	0.12	0.08	0.08	0.08	0.12
1700	0.08	0.04	0.00	0.04	0.12	0.00	0.00	0.00
1600	0.04	0.08	0.00	0.04	0.08	0.04	0.08	0.08
1500	0.08	0.43	0.31	0.28	0.16	0.20	0.24	0.12
1400	0.63	0.08	0.00	0.04	0.12	0.20	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.04	0.00	0.00	0.00	0.00	0.04	0.00	0.00
1100	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
0800	0.00	0.00	0.04	0.00	0.04	0.00	0.00	0.04
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.04
0600	0.00	0.08	0.04	0.08	0.04	0.04	0.00	0.04
0500	0.12	0.12	0.16	0.04	0.04	0.12	0.08	0.08
0400	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0300	0.00	0.00	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	0.04	0.00
0100	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
02/12/03								
2400	0.00	0.00	0.00	0.04	0.00	0.04	0.00	0.00
2300	0.04	0.04	0.04	0.00	0.04	0.04	0.00	0.04
2200	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
1600	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	1.38	1.50	1.30	1.30	1.50	1.42	1.02	0.98

APPENDIX C

FCD of Maricopa County ALERT System
P28: Gages 6650-6710 Storm Period Feb. 12th 14:00 - Feb. 15th 06:00

DeviceID	6650	6655	6670	6675	6680	6685	6700	6710
StatType	dif	dif	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in	in	in
02/15/03								
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.00	0.04	0.08	0.00	0.00
0300	0.00	0.00	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	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02/14/03								
2400	0.00	0.00	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	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
0400	0.08	0.04	0.00	0.00	0.00	0.00	0.04	0.00
0300	0.12	0.20	0.16	0.12	0.08	0.08	0.08	0.08
0200	0.20	0.12	0.04	0.04	0.08	0.08	0.35	0.20
0100	0.00	0.04	0.00	0.00	0.04	0.00	0.00	0.04
02/13/03								
2400	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.04
2300	0.00	0.00	0.08	0.12	0.08	0.08	0.04	0.08
2200	0.00	0.04	0.00	0.08	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00
2000	0.00	0.00	0.04	0.00	0.04	0.04	0.00	0.08
1900	0.04	0.04	0.08	0.08	0.12	0.12	0.04	0.12
1800	0.08	0.08	0.08	0.12	0.12	0.12	0.20	0.16
1700	0.00	0.00	0.04	0.04	0.04	0.04	0.00	0.04
1600	0.08	0.00	0.08	0.16	0.04	0.04	0.00	0.04
1500	0.12	0.12	0.12	0.00	0.04	0.04	0.04	0.08
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.04	0.08	0.00	0.00	0.00	0.00	0.00
0800	0.08	0.00	0.00	0.04	0.04	0.04	0.04	0.00
0700	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.16	0.04	0.00	0.08	0.04	0.04	0.04	0.08
0500	0.04	0.08	0.08	0.08	0.08	0.08	0.04	0.08
0400	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0300	0.00	0.00	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	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02/12/03								
2400	0.00	0.00	0.04	0.04	0.04	0.00	0.04	0.04
2300	0.00	0.04	0.00	0.00	0.00	0.04	0.00	0.00
2200	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.04
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	1.06	0.98	0.94	1.06	0.91	0.91	1.02	1.26

APPENDIX C

FCD of Maricopa County ALERT System
P29: Gages 6715-6810 Storm Period Feb. 12th 14:00 - Feb. 15th 06:00

DeviceID	6715	6720	6730	6740	6745	6760	6780	6810
StatType	dif	dif	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in	in	in
02/15/03								
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
0400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0300	0.04	0.04	0.08	0.08	0.00	0.00	0.00	0.00
0200	0.00	0.00	0.08	0.31	0.04	0.04	0.00	0.00
0100	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00
02/14/03								
2400	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00
1200	0.04	0.00	0.12	0.08	0.00	0.00	0.00	0.00
1100	0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.08	0.00	0.00	0.00	0.00	0.00	0.04	0.00
0400	0.04	0.08	0.00	0.04	0.00	0.16	0.16	0.00
0300	0.16	0.24	0.31	0.24	0.12	0.12	0.16	0.16
0200	0.00	0.28	0.55	0.35	0.08	0.04	0.08	0.35
0100	0.16	0.04	0.08	0.04	0.00	0.20	0.08	0.04
02/13/03								
2400	0.39	0.04	0.00	0.12	0.04	0.20	0.00	0.12
2300	0.00	0.08	0.08	0.00	0.12	0.08	0.00	0.20
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.47
2100	0.00	0.00	0.00	0.04	0.00	0.08	0.00	0.16
2000	0.00	0.04	0.16	0.08	0.16	0.24	0.00	0.04
1900	0.16	0.20	0.20	0.12	0.16	0.35	0.08	0.08
1800	0.08	0.12	0.12	0.12	0.12	1.18*	0.00	0.00
1700	0.12	0.16	0.00	0.00	0.08	0.00^	0.00	0.00
1600	0.08	0.04	0.16	0.00	0.00	0.00l	0.08	0.00
1500	0.00	0.16	0.20	0.20	0.08	0.00l	0.00	0.16
1400	0.04	0.04	0.00	0.00	0.00	0.00l	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00l	0.00	0.04
1200	0.00	0.00	0.00	0.00	0.00	0.00l	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00l	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00l	0.00	0.00
0900	0.00	0.08	0.00	0.00	0.00	0.00l	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00l	0.08	0.20
0700	0.00	0.00	0.04	0.00	0.00	0.00l	0.16	0.04
0600	0.00	0.00	0.08	0.04	0.08	0.00l	0.00	0.04
0500	0.04	0.04	0.00	0.00	0.04	0.00l	0.04	0.08
0400	0.00	0.00	0.00	0.00	0.00	0.00l	0.04	0.04
0300	0.00	0.00	0.00	0.00	0.00	0.00l	0.04	0.04
0200	0.00	0.00	0.00	0.00	0.00	0.00l	0.00	0.00
0100	0.00	0.04	0.00	0.00	0.00	0.00l	0.04	0.00
02/12/03								
2400	0.00	0.00	0.00	0.04	0.04	0.00l	0.00	0.00
2300	0.04	0.04	0.08	0.04	0.00	0.00l	0.04	0.08
2200	0.00	0.00	0.00	0.00	0.04	0.00l	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00l	0.00	0.00
2000	0.04	0.00	0.00	0.00	0.00	0.00l	0.00	0.04
1900	0.00	0.00	0.00	0.00	0.00	0.00l	0.00	0.00
1800	0.00	0.00	0.04	0.00	0.00	0.00V	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	1.54	1.73	2.48	2.13	1.22	3.11	1.22	2.36

APPENDIX C

FCD of Maricopa County ALERT System
P30: Gages 6820-6870 Storm Period Feb. 12th 14:00 - Feb. 15th 06:00

DeviceID	6820	6830	6835	6840	6845	6850	6860	6870
StatType	dif	dif	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in	in	in
02/15/03								
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	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	0.00	0.00
0300	0.00	0.00	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	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02/14/03								
2400	0.00	0.00	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	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00
0400	0.00	0.00	0.00	0.00	0.12	0.04	0.04	0.00
0300	0.24	0.04	0.00	0.00	0.00	0.04	0.04	0.04
0200	0.16	0.08	0.04	0.00	0.16	0.08	0.08	0.08
0100	0.08	0.00	0.04	0.20	0.24	0.28	0.12	0.35
02/13/03								
2400	0.12	0.08	0.20	0.63	0.28	0.59	0.12	0.20
2300	0.28	0.04	0.24	0.20	0.08	0.12	0.04	0.16
2200	0.31	0.08	0.12	0.00	0.00	0.00	0.00	0.08
2100	0.12	0.08	0.12	0.00	0.04	0.00	0.08	0.00
2000	0.00	0.08	0.00	0.08	0.20	0.16	0.12	0.24
1900	0.12	0.08	0.20	0.20	0.00	0.00	0.00	0.00
1800	0.00	0.04	0.00	0.00	0.12	0.00	0.12	0.08
1700	0.00	0.08	0.00	0.00	0.04	0.00	0.04	0.12
1600	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00
1500	0.08	0.04	0.20	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
1300	0.04	0.00	0.04	0.00	0.04	0.12	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.04	0.00	0.00	0.00	0.00	0.00	0.04	0.00
0800	0.12	0.12	0.16	0.08	0.04	0.08	0.00	0.00
0700	0.04	0.04	0.20	0.00	0.00	0.00	0.00	0.00
0600	0.04	0.00	0.04	0.08	0.04	0.00	0.04	0.04
0500	0.08	0.12	0.08	0.04	0.04	0.08	0.08	0.04
0400	0.00	0.04	0.08	0.00	0.04	0.04	0.00	0.08
0300	0.04	0.04	0.04	0.04	0.00	0.00	0.04	0.00
0200	0.00	0.04	0.00	0.00	0.00	0.04	0.00	0.00
0100	0.00	0.00	0.04	0.00	0.04	0.00	0.04	0.00
02/12/03								
2400	0.04	0.00	0.00	0.00	0.04	0.04	0.04	0.00
2300	0.04	0.04	0.00	0.04	0.04	0.04	0.00	0.00
2200	0.04	0.08	0.12	0.12	0.04	0.08	0.08	0.04
2100	0.04	0.08	0.04	0.00	0.04	0.04	0.04	0.04
2000	0.00	0.00	0.04	0.00	0.04	0.04	0.04	0.00
1900	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.04	0.00	0.04	0.04
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	2.09	1.38	2.01	1.77	1.73	2.09	1.30	1.61

APPENDIX C

FCD of Maricopa County ALERT System
P31: Gages 6880-6940 Storm Period Feb. 12th 14:00 - Feb. 15th 06:00

DeviceID	6880	6890	6900	6905	6910	6920	6930	6940
StatType	dif	dif	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in	in	in
02/15/03								
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	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	0.00	0.00
0300	0.00	0.00	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	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02/14/03								
2400	0.00	0.00	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	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.04	0.04	0.00	0.16
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	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	0.00	0.00
0300	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
0200	0.16	0.08	0.00	0.00	0.00	0.00	0.00	0.00
0100	0.20	0.31	0.00	0.00	0.00	0.00	0.00	0.00
02/13/03								
2400	0.12	0.12	0.00	0.00	0.00	0.00	0.00	0.00
2300	0.04	0.08	0.04	0.16	0.00	0.00	0.00	0.04
2200	0.08	0.12	0.35	0.00	0.08	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.08
2000	0.31	0.16	0.00	0.08	0.08	0.00	0.00	0.00
1900	0.00	0.00	0.16	0.04	0.00	0.00	0.00	0.00
1800	0.04	0.08	0.04	0.12	0.12	0.00	0.04	0.00
1700	0.20	0.16	0.04	0.00	0.08	0.08	0.00	0.12
1600	0.08	0.00	0.16	0.00	0.12	0.08	0.12	0.00
1500	0.00	0.00	0.00	0.00	0.20	0.12	0.04	0.20
1400	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
1300	0.04	0.04	0.04	0.04	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.12	0.00	0.00	0.04	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.04	0.00	0.08	0.04	0.04	0.00
0700	0.00	0.00	0.08	0.39	0.00	0.00	0.04	0.00
0600	0.00	0.00	0.00	0.24	0.00	0.00	0.00	0.00
0500	0.04	0.04	0.00	0.16	0.08	0.08	0.04	0.04
0400	0.04	0.04	0.00	0.00	0.04	0.00	0.04	0.04
0300	0.00	0.00	0.00	0.00	0.00	0.04	0.04	0.04
0200	0.04	0.04	0.00	0.00	0.08	0.12	0.04	0.08
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02/12/03								
2400	0.00	0.04	0.04	0.04	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.04	0.04	0.00	0.04	0.00
2200	0.08	0.04	0.12	0.12	0.08	0.04	0.08	0.04
2100	0.00	0.00	0.00	0.00	0.08	0.04	0.04	0.00
2000	0.04	0.04	0.04	0.00	0.00	0.04	0.04	0.00
1900	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
1600	0.04	0.04	0.04	0.00	0.00	0.00	0.00	0.00
1500	0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00
TOTALS:	1.57	1.46	1.26	1.69	1.22	0.71	0.71	0.94

APPENDIX C

FCD of Maricopa County ALERT System
P32: Gages 6950-7025 Storm Period Feb. 12th 14:00 - Feb. 15th 06:00

DeviceID	6950	6960	6980	7000	7005	7010	7020	7025
StatType	dif	dif	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in	in	in
02/15/03								
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	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	0.00	0.00
0300	0.00	0.00	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	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02/14/03								
2400	0.00	0.00	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	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.04	0.00	0.04	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.08	0.00	0.00	0.04	0.00	0.00
1400	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.04	0.00	0.00	0.04	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.04	0.00	0.00	0.04	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.20	0.00	0.00	0.04	0.04
0300	0.00	0.00	0.00	0.08	0.24	0.28	0.16	0.24
0200	0.00	0.00	0.00	0.00	0.12	0.28	0.12	0.31
0100	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.08
02/13/03								
2400	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00
2300	0.04	0.00	0.00	0.04	0.00	0.00	0.16	0.08
2200	0.24	0.00	0.00	0.08	0.08	0.08	0.04	0.08
2100	0.04	0.00	0.08	0.12	0.16	0.16	0.08	0.31
2000	0.00	0.00	0.00	0.16	0.12	0.16	0.24	0.16
1900	0.08	0.00	0.00	0.04	0.43	0.20	0.20	0.55
1800	0.00	0.08	0.04	0.00	0.00	0.04	0.24	0.04
1700	0.00	0.08	0.00	0.28	0.20	0.04	0.08	0.00
1600	0.00	0.47	0.20	0.04	0.00	0.00	0.12	0.00
1500	0.00	0.04	0.00	0.00	0.04	0.00	0.04	0.00
1400	0.00	0.00	0.16	0.04	0.08	0.00	0.04	0.00
1300	0.04	0.12	0.00	0.04	0.04	0.04	0.00	0.00
1200	0.00	0.00	0.00	0.04	0.04	0.04	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04
1000	0.00	0.04	0.00	0.12	0.00	0.00	0.04	0.00
0900	0.00	0.00	0.00	0.16	0.12	0.12	0.12	0.04
0800	0.16	0.00	0.00	0.08	0.08	0.04	0.08	0.08
0700	0.12	0.00	0.00	0.16	0.08	0.16	0.08	0.12
0600	0.00	0.00	0.20	0.16	0.20	0.16	0.20	0.20
0500	0.16	0.00	0.00	0.08	0.04	0.08	0.04	0.08
0400	0.04	0.04	0.00	0.08	0.12	0.08	0.08	0.08
0300	0.04	0.00	0.00	0.04	0.04	0.12	0.04	0.08
0200	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
0100	0.00	0.00	0.00	0.04	0.04	0.00	0.04	0.00
02/12/03								
2400	0.04	0.00	0.00	0.08	0.08	0.12	0.08	0.04
2300	0.04	0.04	0.00	0.12	0.16	0.16	0.16	0.12
2200	0.08	0.08	0.00	0.08	0.08	0.08	0.12	0.16
2100	0.08	0.00	0.00	0.04	0.04	0.04	0.04	0.04
2000	0.00	0.00	0.00	0.04	0.04	0.08	0.08	0.04
1900	0.00	0.00	0.00	0.04	0.08	0.00	0.00	0.04
1800	0.00	0.00	0.00	0.04	0.00	0.00	0.04	0.00
1700	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	1.26	1.14	0.91	2.56	2.76	2.72	2.83	3.03

APPENDIX C

FCD of Maricopa County ALERT System
P33: Gages 7030-7090 Storm Period Feb. 12th 14:00 - Feb. 15th 06:00

DeviceID	7030	7035	7040	7050	7060	7070	7080	7090
StatType	dif	dif	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in	in	in
02/15/03								
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	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	0.00	0.00
0300	0.00	0.00	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	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02/14/03								
2400	0.00	0.00	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	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0400	0.00	0.04	0.04	0.00	0.00	0.04	0.00	0.00
0300	0.20	0.28	0.12	0.00	0.08	0.00	0.12	0.16
0200	0.31	0.20	0.28	0.24	0.24	0.24	0.24	0.24
0100	0.08	0.08	0.00	0.12	0.08	0.04	0.04	0.04
02/13/03								
2400	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
2300	0.08	0.04	0.08	0.04	0.04	0.00	0.04	0.04
2200	0.04	0.12	0.12	0.00	0.08	0.08	0.08	0.16
2100	0.31	0.20	0.12	0.24	0.28	0.28	0.24	0.20
2000	0.20	0.20	0.16	0.12	0.16	0.16	0.20	0.12
1900	0.16	0.12	0.08	0.24	0.12	0.04	0.08	0.04
1800	0.00	0.04	0.08	0.00	0.00	0.04	0.08	0.16
1700	0.04	0.16	0.00	0.04	0.04	0.00	0.04	0.04
1600	0.12	0.00	0.00	0.00	0.04	0.00	0.00	0.00
1500	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.04	0.00	0.12	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.04	0.00	0.00	0.04	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.16	0.12	0.08	0.00	0.04	0.04	0.08	0.08
0800	0.08	0.00	0.00	0.00	0.12	0.12	0.12	0.12
0700	0.08	0.04	0.04	0.08	0.08	0.08	0.12	0.12
0600	0.16	0.28	0.28	0.12	0.24	0.35	0.20	0.16
0500	0.08	0.12	0.00	0.12	0.08	0.08	0.04	0.08
0400	0.04	0.04	0.04	0.04	0.08	0.04	0.08	0.08
0300	0.12	0.08	0.08	0.08	0.08	0.08	0.12	0.08
0200	0.00	0.00	0.00	0.04	0.00	0.04	0.00	0.00
0100	0.04	0.04	0.04	0.00	0.04	0.08	0.04	0.04
02/12/03								
2400	0.00	0.04	0.04	0.12	0.04	0.00	0.04	0.08
2300	0.12	0.08	0.12	0.00	0.16	0.12	0.16	0.04
2200	0.08	0.12	0.08	0.20	0.04	0.08	0.04	0.04
2100	0.08	0.04	0.04	0.04	0.04	0.04	0.04	0.04
2000	0.04	0.04	0.04	0.04	0.04	0.08	0.04	0.04
1900	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	2.80	2.60	2.01	2.05	2.24	2.24	2.28	2.24

APPENDIX C

FCD of Maricopa County ALERT System
P34: Gages 7100-7140 Storm Period Feb. 12th 14:00 - Feb. 15th 06:00

DeviceID	7100	7110	7120	7130	7135	7140
StatType	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in
02/15/03						
0600	0.00	0.00	0.00	0.00	0.00	0.00
0500	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
0300	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
0100	0.00	0.00	0.00	0.00	0.00	0.00
02/14/03						
2400	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
2200	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.08	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.04	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.08	0.00	0.00	0.00	0.00
0900	0.00	0.12	0.00	0.00	0.00	0.00
0800	0.00	0.08	0.00	0.00	0.00	0.00
0700	0.00	0.24	0.04	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.08	0.00	0.00	0.00	0.00
0400	0.04	0.12	0.00	0.00	0.00	0.00
0300	0.28	0.08	0.08	0.16	0.12	0.08
0200	0.16	0.08	0.24	0.20	0.28	0.28
0100	0.00	0.08	0.08	0.04	0.16	0.16
02/13/03						
2400	0.00	0.04	0.00	0.00	0.00	0.00
2300	0.00	0.04	0.00	0.00	0.12	0.12
2200	0.20	0.04	0.12	0.16	0.00	0.00
2100	0.16	0.04	0.31	0.20	0.28	0.12
2000	0.12	0.04	0.16	0.12	0.12	0.16
1900	0.04	0.00	0.12	0.04	0.28	0.31
1800	0.16	0.04	0.04	0.12	0.00	0.20
1700	0.00	0.00	0.04	0.04	0.00	0.16
1600	0.00	0.00	0.00	0.00	0.00	0.20
1500	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.04	0.04	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.04	0.28	0.08	0.04	0.00	0.04
0800	0.12	0.24	0.08	0.16	0.08	0.08
0700	0.12	0.12	0.08	0.08	0.04	0.00
0600	0.20	0.00	0.24	0.16	0.16	0.16
0500	0.08	0.04	0.12	0.08	0.04	0.00
0400	0.08	0.04	0.04	0.08	0.04	0.04
0300	0.04	0.00	0.08	0.08	0.04	0.08
0200	0.00	0.04	0.04	0.00	0.00	0.04
0100	0.08	0.08	0.04	0.08	0.04	0.00
02/12/03						
2400	0.08	0.04	0.08	0.04	0.04	0.04
2300	0.04	0.04	0.12	0.04	0.08	0.12
2200	0.04	0.08	0.04	0.04	0.12	0.00
2100	0.04	0.04	0.08	0.04	0.00	0.04
2000	0.04	0.00	0.04	0.12	0.04	0.04
1900	0.04	0.04	0.04	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	2.17	2.32	2.40	2.13	2.13	2.44

APPENDIX C

FCD of Maricopa County ALERT System
P35: Gages 7145-7170 Storm Period Feb. 12th 14:00 - Feb. 15th 06:00

DeviceID	7145	7150	7155	7160	7170
StatType	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip
Units	in	in	in	in	in
02/15/03					
0600	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.00	0.00
0300	0.00	0.00	0.00	0.00	0.00
0200	0.00	0.00	0.00	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00
02/14/03					
2400	0.00	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.12	0.00
1300	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.04	0.00	0.00	0.08
0900	0.00	0.00	0.00	0.04	0.00
0800	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.04	0.00
0600	0.00	0.04	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.04	0.00	0.12
0300	0.04	0.16	0.28	0.24	0.08
0200	0.16	0.20	0.20	0.12	0.04
0100	0.12	0.20	0.04	0.00	0.00
02/13/03					
2400	0.04	0.00	0.00	0.00	0.00
2300	0.00	0.08	0.08	0.16	0.12
2200	0.12	0.12	0.04	0.08	0.16
2100	0.04	0.00	0.20	0.04	0.16
2000	0.16	0.12	0.28	0.24	0.31
1900	0.12	0.08	0.08	0.12	0.20
1800	0.91	0.16	0.04	0.20	0.24
1700	0.04	0.08	0.12	0.08	0.20
1600	0.00	0.04	0.08	0.08	0.00
1500	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.08	0.20	0.00	0.00
1300	0.00	0.00	0.12	0.00	0.04
1200	0.00	0.00	0.00	0.04	0.00
1100	0.00	0.00	0.00	0.00	0.04
1000	0.04	0.08	0.08	0.08	0.08
0900	0.04	0.12	0.16	0.08	0.16
0800	0.04	0.04	0.12	0.12	0.16
0700	0.04	0.04	0.08	0.08	0.12
0600	0.08	0.12	0.28	0.16	0.16
0500	0.04	0.04	0.00	0.08	0.12
0400	0.00	0.12	0.12	0.12	0.12
0300	0.12	0.04	0.04	0.08	0.04
0200	0.00	0.00	0.00	0.04	0.00
0100	0.04	0.04	0.04	0.08	0.04
02/12/03					
2400	0.12	0.04	0.12	0.04	0.12
2300	0.00	0.08	0.08	0.08	0.20
2200	0.04	0.04	0.12	0.08	0.12
2100	0.00	0.04	0.08	0.08	0.04
2000	0.04	0.04	0.04	0.04	0.08
1900	0.00	0.04	0.04	0.04	0.04
1800	0.00	0.00	0.04	0.04	0.04
1700	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00
TOTALS:	2.36	2.28	3.19	2.87	3.39