



Pass Mountain Diversion Channel, Sep. 23, 2019 8:30 AM MST, Courtesy FCDMC Kevin Clint

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

**Storm Report : Remnants of Hurricane Lorena
September 23-27, 2019**



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METEOROLOGY

A powerful late-season transition event aided by tropical moisture from the remnants of Hurricane Lorena led to widespread rainfall across south-central Arizona during a five day period beginning September 23rd and ending on September 27th 2019. Maricopa County rain gages measured event totals anywhere from 0.00"- 4.50". Residents in Mesa, Apache Junction, Fountain Hills, Buckeye, Tonopah and several other communities experienced significant flash flooding due to heavy rain from this event.

Synopsis:

Transition events are a hallmark of the yearly North American Monsoon and typically signal the demise of the seasonal wind/precipitation shift during the late August/September period. They are characterized by strong Pacific weather systems interacting with remnant monsoon moisture often causing severe weather outbreaks and/or widespread flash flooding across portions of the Desert Southwest. Please refer to the following [page](#) for more background information. District staff as well as many other State & Federal agencies began keeping close tabs on weather models in the week leading up to this event.

Guidance became very bullish on a strong Pacific disturbance becoming cutoff from the main upper-level flow and settling over the Lower Colorado River Valley for several days the following week. At the same time, the 12th named tropical system, Lorena, had developed in the eastern north Pacific on September 17th. Lorena hugged the Mexican coastline the next few days and became a Hurricane on September 19th just off the southern tip of Baja Mexico. The system then weakened as it tracked north up the Sea of Cortez before finally becoming post tropical as it moved inland into Sonora, Mexico on the 22nd. A loop of all forecast tracks produced by the National Hurricane Center (NHC) can be viewed [here](#). By Sunday (9/22) the pattern was set for a multi-day weather event across AZ with the aforementioned cutoff weather disturbance ready to interact with left-over moisture from Lorena.

The synoptic setup on the morning of September 23rd is shown in Figure 1 (p.4). The upper level images (C and D) depict a large-scale ridge draped from Texas east across most of the SE Gulf Coast and a robust Pacific disturbance digging south into the Great Basin/Lower Colorado River Valley. Meanwhile, a 100kt jet streak is draped across central AZ along with this region showing strong upper-level divergence (forcing/lift from above). Both the 700mb and 850mb maps (B and A) show strong south/southwesterly flow helping to draw mid and low-level moisture north into AZ. Furthermore, a deep tropical moisture surge north out of the Gulf of California into southern AZ is also occurring and is captured in this total precipitable water loop [here](#), courtesy of UW-CIMSS.

Mesoanalysis data across southcentral AZ in the near-storm environment on Tuesday morning revealed a favorable setup for widespread thunderstorms capable of producing severe weather and heavy rainfall. Evidence of this was shown by the 12Z, 5:00am MST, KPHX sounding in Figure 2 (p.6). Precipitable water was sampled at 1.89". Thermodynamic variables of note included: high CAPE/low CIN profile, negative lifted indices, 0-6km shear above 40kts, and even the supercell index at 1.9. The vertical wind profile was veering with height (considerable speed and directional shear). Strong southwesterly flow in mid-levels was also favorable for storm training and orographic enhancement due to the region's terrain. A full description of the setup for severe weather can be viewed on the Storm Prediction Center's weather event archive [here](#). A description of the heavy rain and flash flooding potential was conveyed by the Weather Prediction Center through its mesoscale precipitation discussions [here](#).

Storm Summary and Radar Imagery:

Three major waves of storms spanning five days brought widespread rain to most of Maricopa County. The first wave, which brought the bulk of the rain/flooding to the region, began Monday morning and continued until early Tuesday morning. A radar loop covering most of this first wave can be viewed [here](#). The colored polygons represent NWS issued warnings: green - flash flood, yellow - severe t-storm, red - tornado. The first round of rain arrived by way of a tropical surge of moisture north through southern AZ mainly across the eastern half of the County. Round after round of training t-storms brought anywhere from 1.50"-3.50" (localized greater totals) to east Mesa, Apache Junction, Gold Canyon, Gilbert, and the Superstition Mountains before shifting north and taking aim at Fountain Hills and North Scottsdale. Significant flooding was observed in Mesa and Apache Junction with multiple reports of swift water rescues. Notable flows were measured in Amigos wash, Weeks Wash and the East Maricopa Floodway. There were significant impoundments behind Spookhill FRS, Signal Butte FRS, Apache Junction FRS, and Golden Eagle Park Dam. As the day wore on, storm activity increased in coverage extending from the Cave Creek area west through Aguila. Multiple rounds of storms traversed the County bringing anywhere from 0.50"-2.50" to most of the northern communities. Noteworthy flows were measured in Skunk Creek, Cline Creek, Picacho Wash, Martinez Creek, and the Hassayampa River. For most of the evening and into the early morning hours Tuesday, storms were focused along the I-10 alignment from Centennial Wash east through the central Phoenix Valley. Multiple storms brought another 0.50"-1.25" to these areas along with damaging wind gusts, hail and urban street flooding. For additional information and satellite imagery from the severe t-storms on Monday, please see this blog entry courtesy of UW CIMSS [here](#).

Tuesday September 24th ended up a mainly down day for Maricopa County as the upper-level disturbance dug further south into the northern Baja, Mexico region. Heading into Wednesday, the cutoff low drifted north over the Yuma region putting most of southwestern AZ back into a favorable region for storms. The second wave of storms began during the afternoon hours Wednesday as multiple waves of isolated severe storms drifted northwest from Pinal County into portions of the West Valley including Buckeye, the White Tank Mountains, Wittmann, and north into Wickenburg. These storms produced damaging wind gusts and small hail. Rain totals generally remained in the 0.25"-1.00" range, though wetted watersheds were quick to generate runoff. A radar loop covering most of the second wave can be viewed [here](#). Twelve hour rainfall totals from the ALERT network can be viewed [here](#).

After a brief reprieve during the early morning hours on Thursday, the third wave of storms began to affect the County. From 4am through 7am several large clusters of t-storms drifted north across the West Valley and into the previously soaked Wickenburg and Aguila watersheds causing washes to run. For the rest of the day isolated severe storms popped up across various portions of the County bringing short duration/high intensity rain which led to additional flooding problems. Of note, portions of the southeast Valley including Phoenix, Chandler, and Tempe picked up and additional 0.25"-0.50" during the evening rush hour causing major traffic delays. Storms then proceeded north along I-17 dropping 0.50"-1.50" near New River and Anthem. Skunk Creek, Cline Creek, and Desert Hills wash all recorded additional significant flows. A radar loop covering most of the third wave of storms can be viewed [here](#). One day rainfall totals around the County from the ALERT network can be viewed [here](#). The area of low pressure finally lifted northeast of the region on Friday bringing this transition event to a close.

4-Panel 12Z (5am MST) Synoptic Setup 09/23/2019

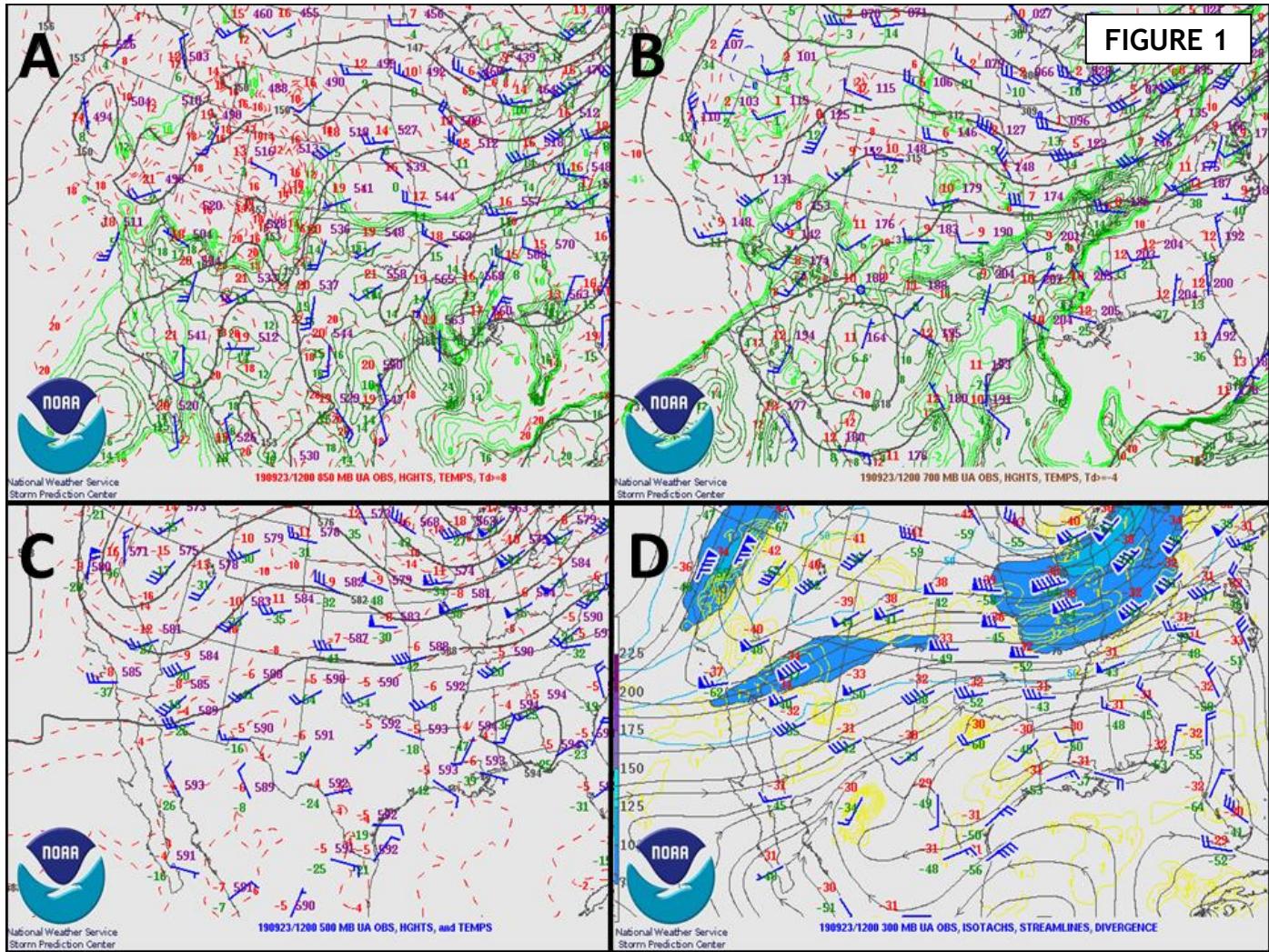


Figure 1: Depicts the synoptic setup at 12Z (5:00 AM MST) on September 23rd 2019. The images are from the Storm Prediction Center upper air maps archive. A) is the 850mb map: the black lines are heights, the red dashed lines are isotherms, the green lines are isodrosotherms, blue barbs are wind speed, and station observations are plotted at each available location. B) is the 700mb map: variables colored the same as A. C) is the 500mb map: variables colored the same as in A. D) is the 300mb map: the black lines are stream lines, the yellow lines are divergence, and station observations are plotted at each available location. The blue shaded regions are upper-level jet streaks (areas of enhanced winds). These plots are at standard layers of the atmosphere which are key in diagnosing critical features that aid in storm formation (ex. cyclones, fronts, moisture surges, forcing, etc).

From these Panels we can discern clues as to the direction and magnitude of storms that might form. From Panels A & B we can clearly see the location of the moisture that was Hurricane Lorena in the lower-left corners, as well as south-to-north winds that will transport that moisture into Arizona. On Panel C we can see the approaching trough over Reno, NV and get a sense that storms will be steered in a northeasterly direction from the wind barbs over AZ. Panel D shows a strong jet streak that will serve to lift storms from above and aid in their development.

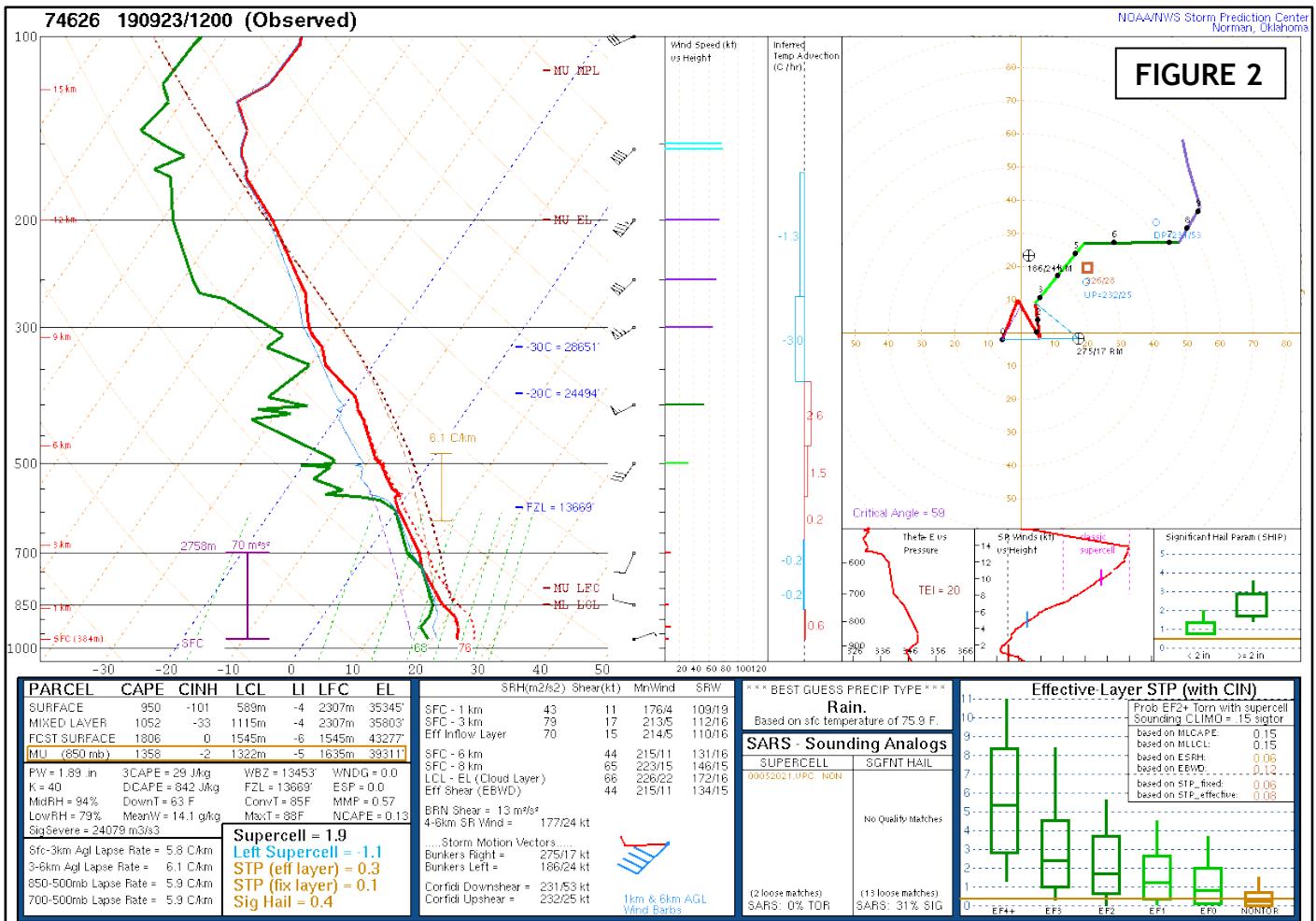


Figure 2: Observed Skew-T/log P (vertical profile of the atmosphere above Phoenix) diagram at 5:00am MST on September, 23rd, 2019. This sounding was provided by NOAA/SPC. The vertical axis is pressure in (hPa) and the horizontal axis is temperature in (°C). The thick solid red line is the temperature profile. The thick solid green line is the moisture profile. The dashed grey and orange lines are the atmospheric parcel profiles. The vertical axis on the right displays the wind speed and direction at each level in knots. Gray solid lines sloping from upper left to lower right are constant potential temperature (°K). Thin dashed blue and gray lines sloping from right to left are isotherms (°C). Thin dashed green lines sloping from right to left are mixing ratio (g/kg). The table in the bottom left displays various parcel attributes and thermodynamic indices. The image in the top right is a hodograph showing the change in speed and direction of the atmospheric winds with height. This plot allows us perform quantitative analysis of key thermodynamic variables. These variables have values which can be used to diagnose whether storm formation is possible and if so, key storm characteristics (ex. storm motion, updraft/downdraft strength, severe weather potential, precipitation potential/amount, etc).

The near storm environment depicted by this sounding clearly showed the atmosphere was ripe for widespread storm development. We can discern storm motion was to the northeast at 15-20kts. There were multiple severe storm indicators including a large amount of CAPE (instability), shear (changing wind direction and speed with height), and thermo. indices (supercell index, bulk shear,etc). The threat for heavy rainfall was also apparent with a large precipitable water value, deep warm layer, and mean mixing ratio well above the 10g/kg threshold. These values all indicated that rain rates in the 1.00"-2.00"/hr range were possible.

PRECIPITATION

Summary Statistics:

Total FCDMC Automated Rain Gages Installed: 354

Number of Rain Gages which failed to operate during the storm: 0

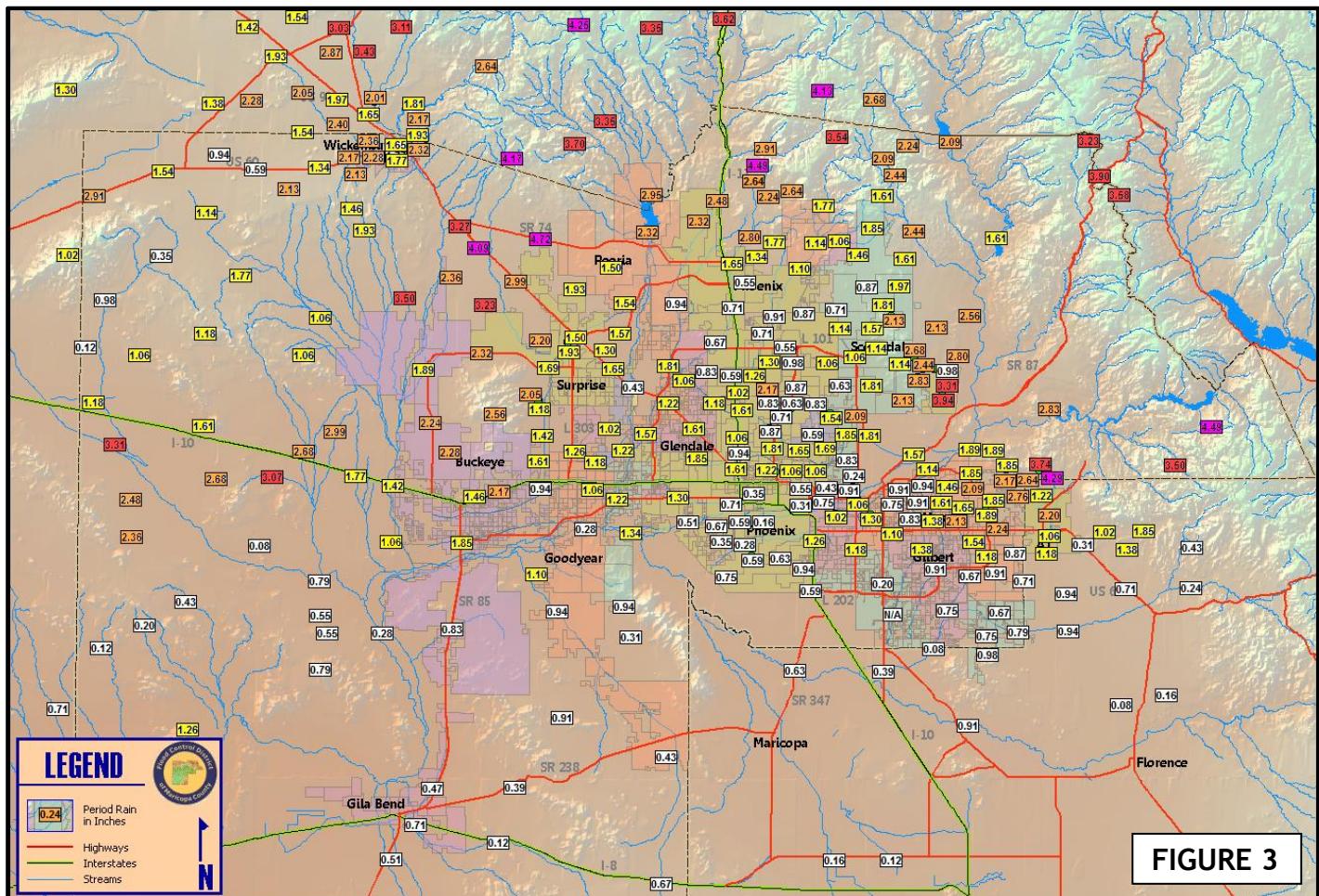
Number of Rain Gages found to have plugged tipping-buckets: 0

Overall Percent Operational Automated Rain Gages during the Storm: 100%

For 12:00 am on September 23rd through 12:00 pm on September 27th, 2018 (120 hours):

Number of FCDMC ALERT gages recording more than:

4.00 inches (magenta below).....	10
3.00 inches (red)	33
2.00 inches (orange).....	102
1.00 inch (yellow)	241
0.00 inch (white)	353



Rainfall amounts measured by FCDMC ALERT gages, 09/23/19 12am - 09/27/19 at 12pm MST (120 hours). There are a few gages beyond the northern & southern boundaries of this map that were included in the counts.

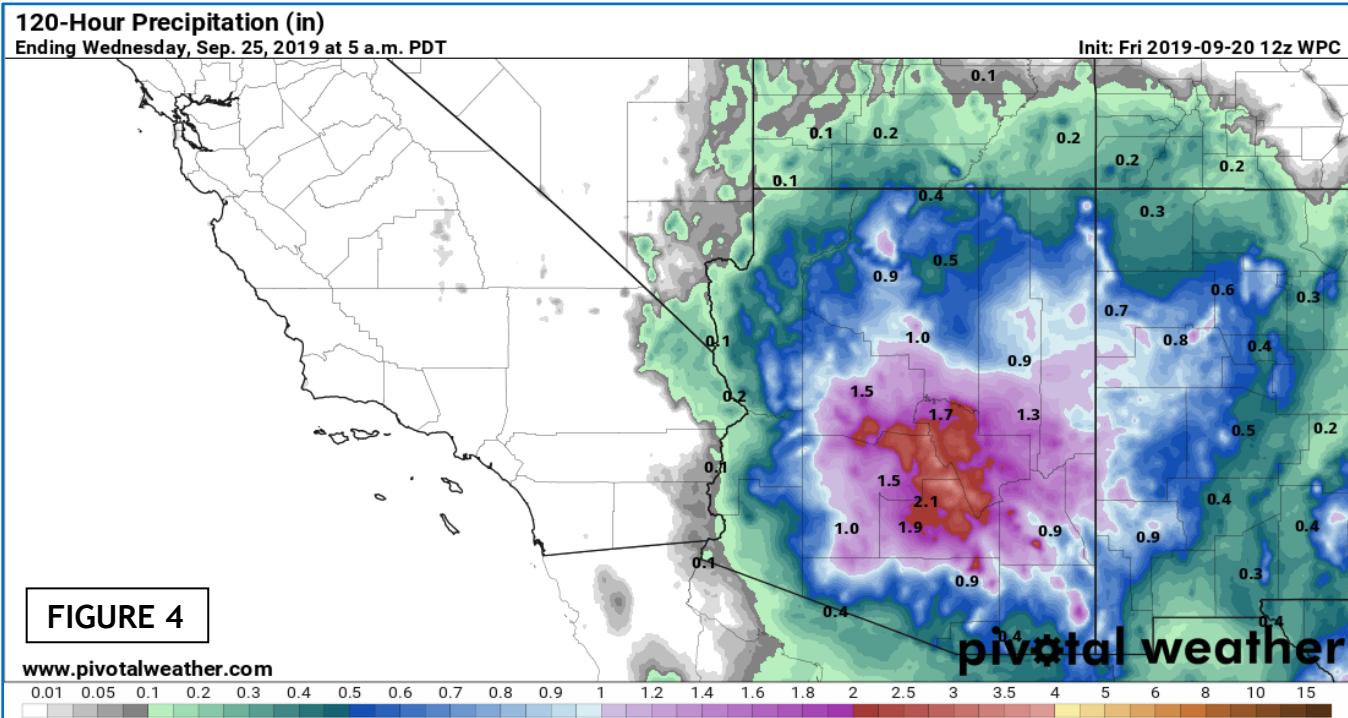


Figure 4 above was issued by the NWS Weather Prediction Center on Friday, Sep. 20 at 5am MST. It is a Quantitative Precipitation Forecast for the 5-day period predeeding 9/25 at 5am MST. Although not covering the entire time period of the storm it captures the first 2 ¼ days – the majority of the rainfall.

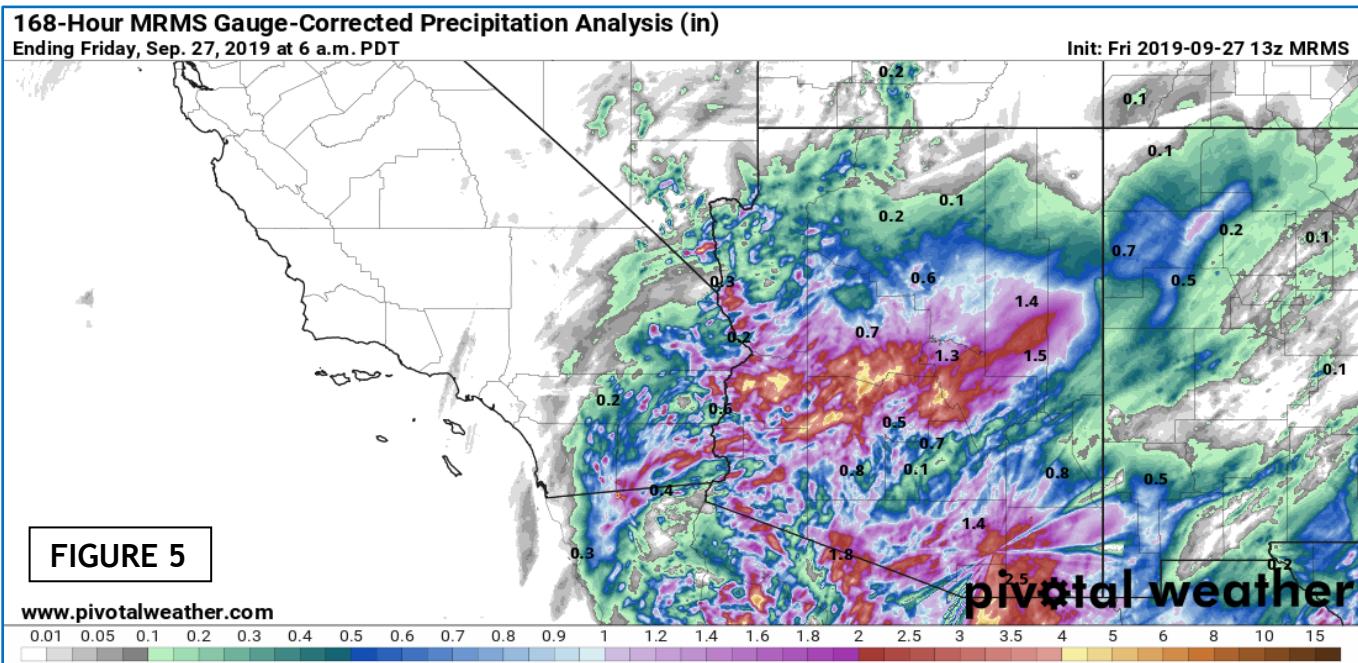


Figure 5 above was issued by the NWS National Severe Storms Laboratory on Friday, Sep. 27 at 5am MST. The product combines rainfall estimates from satellite, RADAR and rain gages (including FCDMC ALERT gages) to produce estimates of precipitation on the ground for the 7-day period ending on 9/27 at 6am MST. When compared to Figure 4 above we can see that the QPF did a reasonable job of predicting rain across northern and western Maricopa County, but not so good for Pinal and Pima Counties. It is possible that some of the areas in yellow were contaminated by hail. Hail reflects much more of the RADAR signal than liquid water, causing rainfall over-estimates.



Maricopa County
September 23, 2019 Total Rainfall
(9/23/2019 00:00 - 9/24/2019 00:00:00)

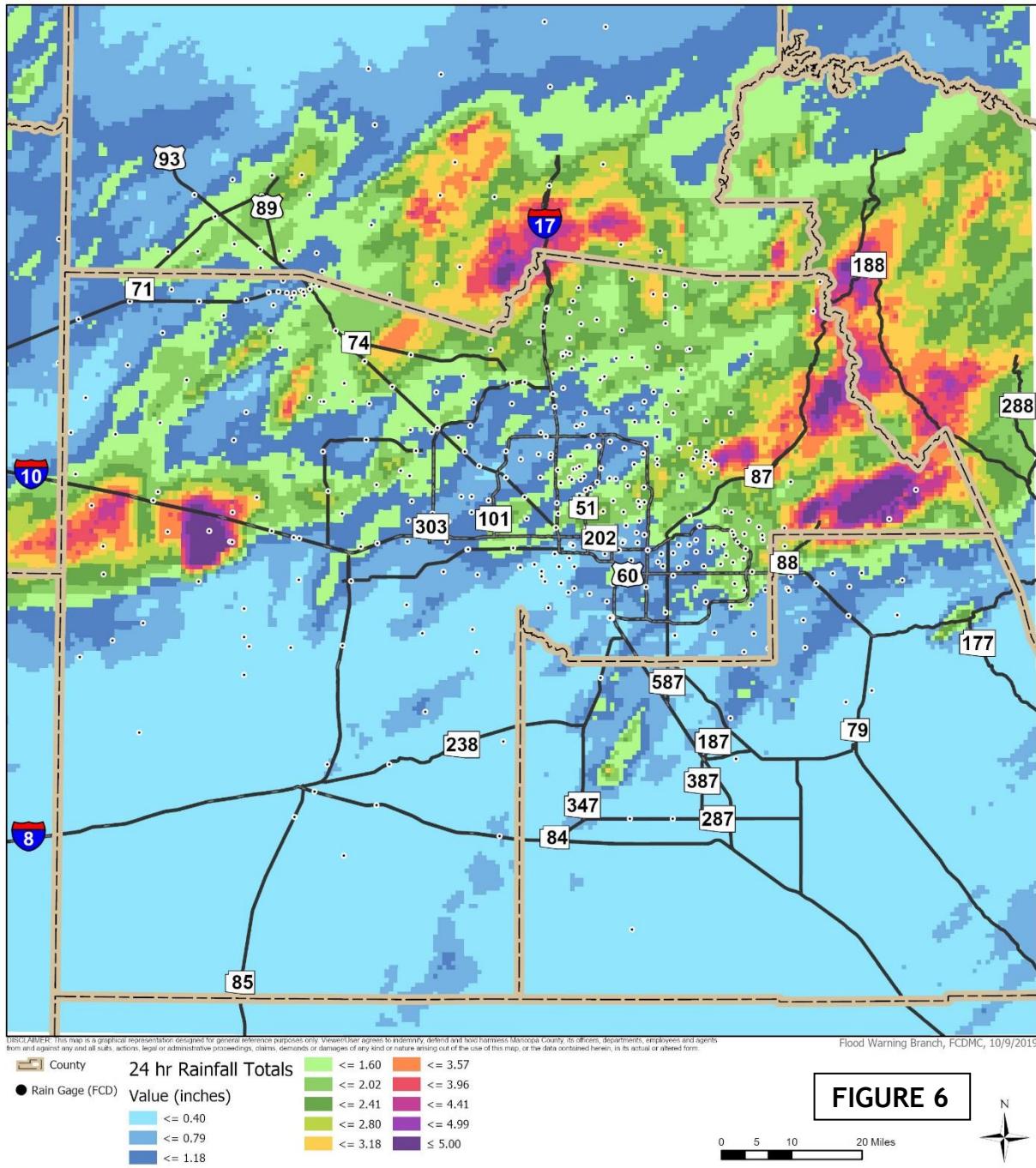


FIGURE 6

Figure 6 above was created with ESRI ARCPRO® using 24-hour rainfall totals from a gage-corrected radar rainfall estimate product provided by Vieux & Associates® Inc. Areas in dark purple are likely hail contamination. Hail reflects much more of the RADAR signal than liquid water, causing rainfall over-estimates.



Maricopa County
Lorena Total Rainfall
(9/23/2019 00:00 - 9/28/2019 00:00:00)

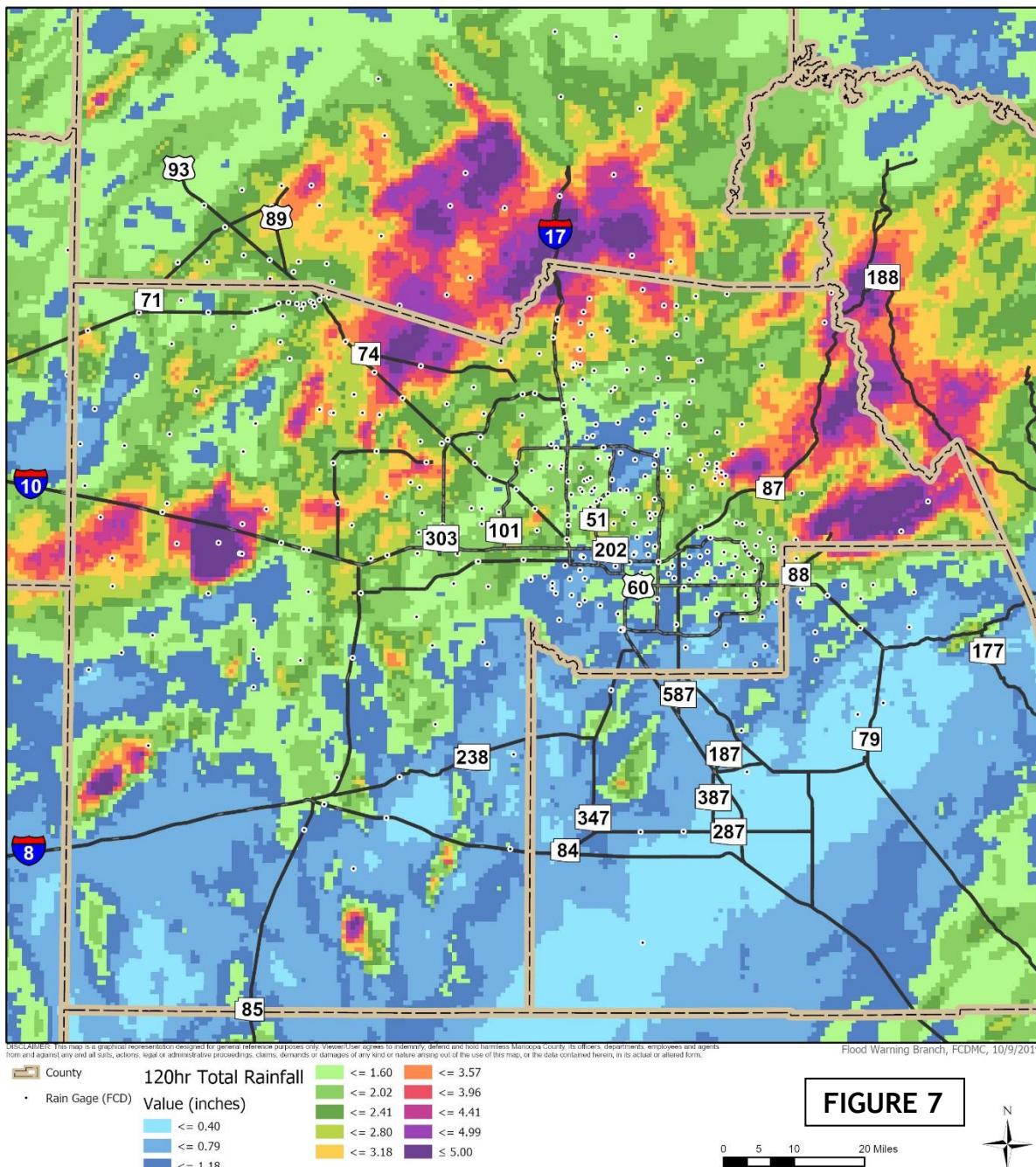


Figure 7 above was created with ESRI ARCPRO® using 120-hour rainfall totals from a gage-corrected radar rainfall estimate product provided by Vieux & Associates® Inc. Areas in dark purple are likely hail contamination. Hail reflects much more of the RADAR signal than liquid water, causing rainfall over-estimates.



Apache Junction September 23, 2019 Total Rainfall (9/23/2019 00:00 - 9/24/2019 00:00:00)

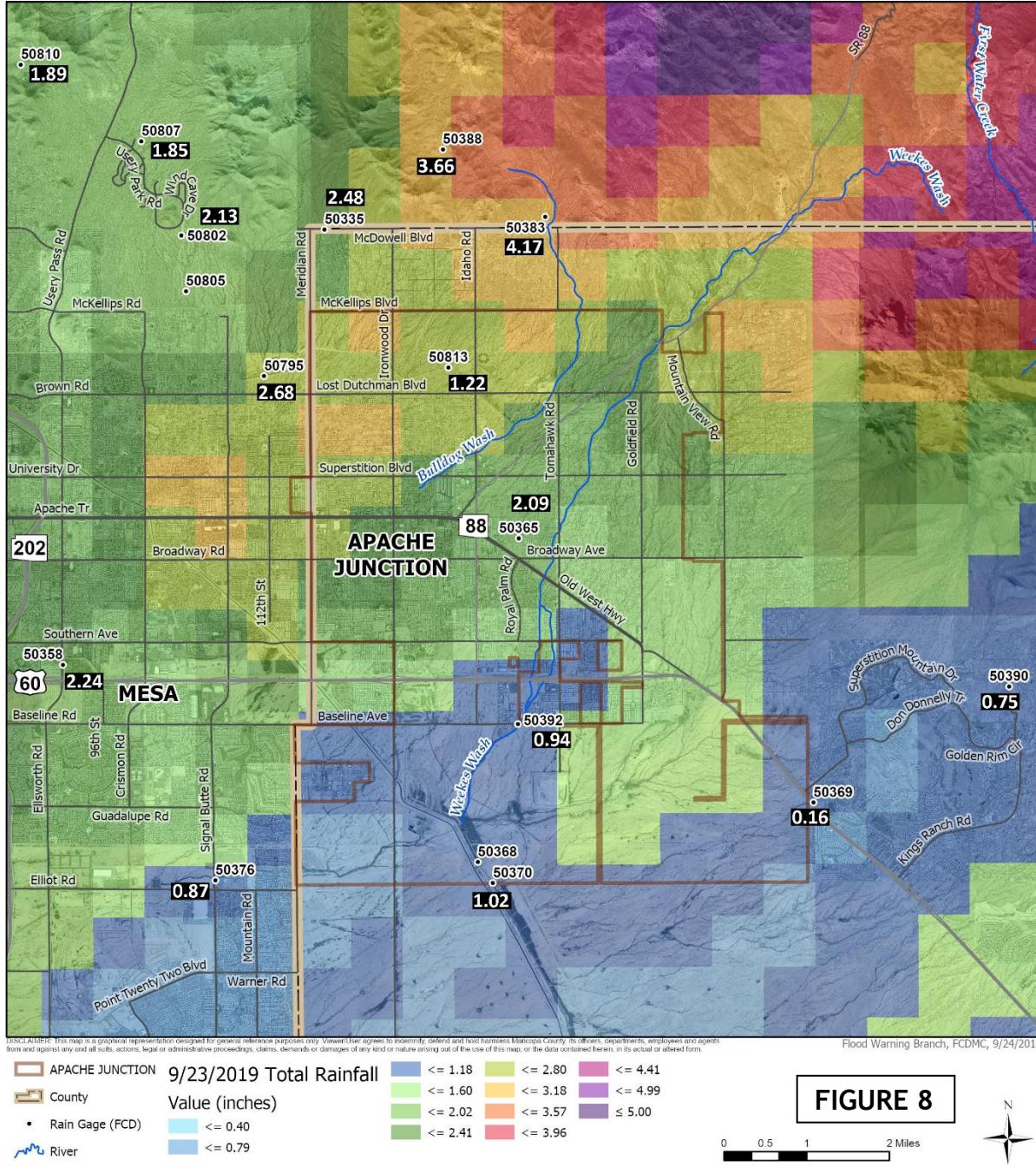


Figure 8 above was created with ESRI ARCPRO® using 24-hour rainfall totals from a gage-corrected radar rainfall estimate product provided by Vieux & Associates® Inc., centered on Apache Junction. The white-on-black numerals are FCDMC rain gage totals for the same time period. Areas in dark purple are likely hail contamination. Hail reflects much more of the RADAR signal than liquid water, causing rainfall over-estimates.



Tonopah September 23, 2019 Total Rainfall (9/23/2019 - 9/24/2019)

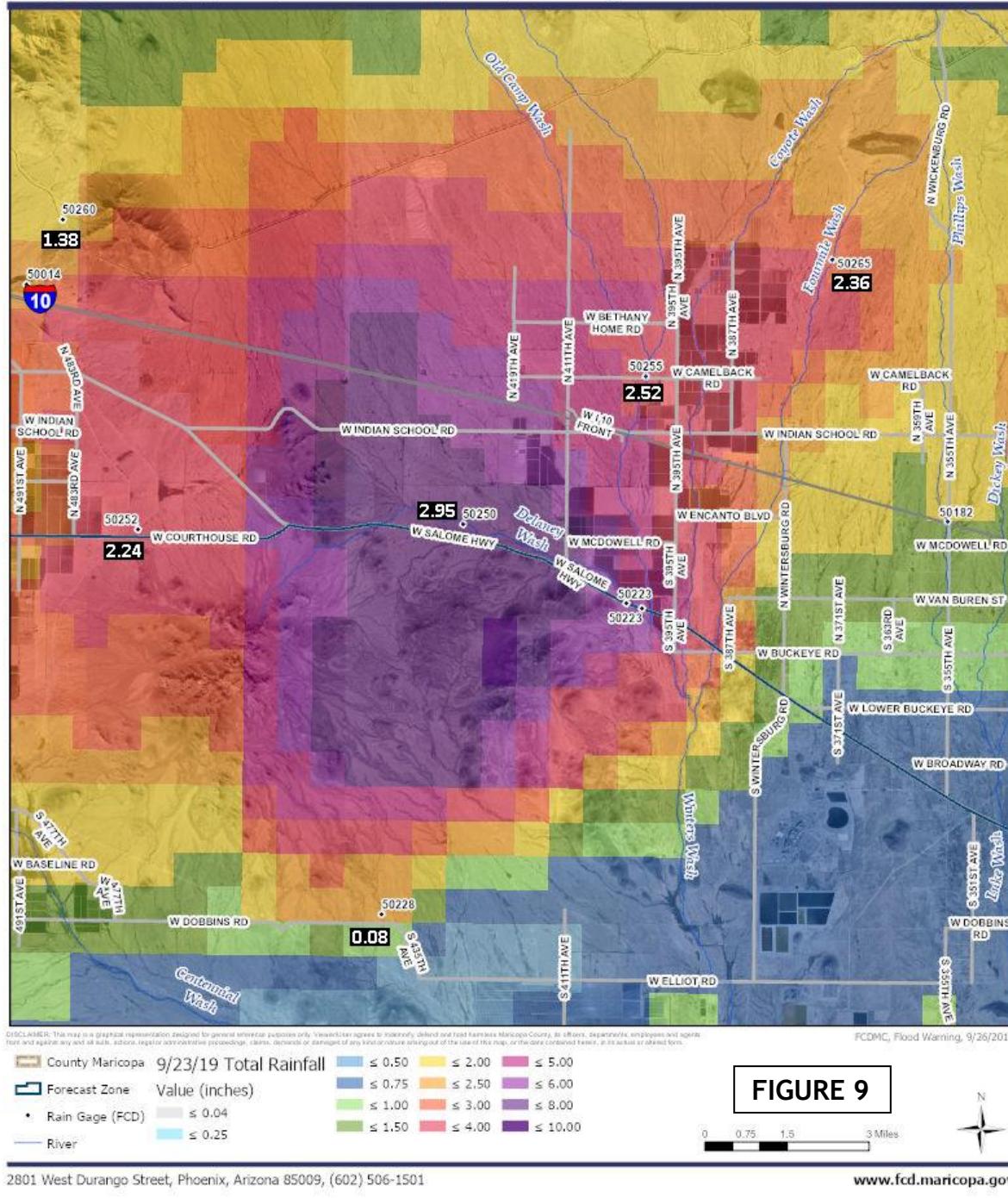
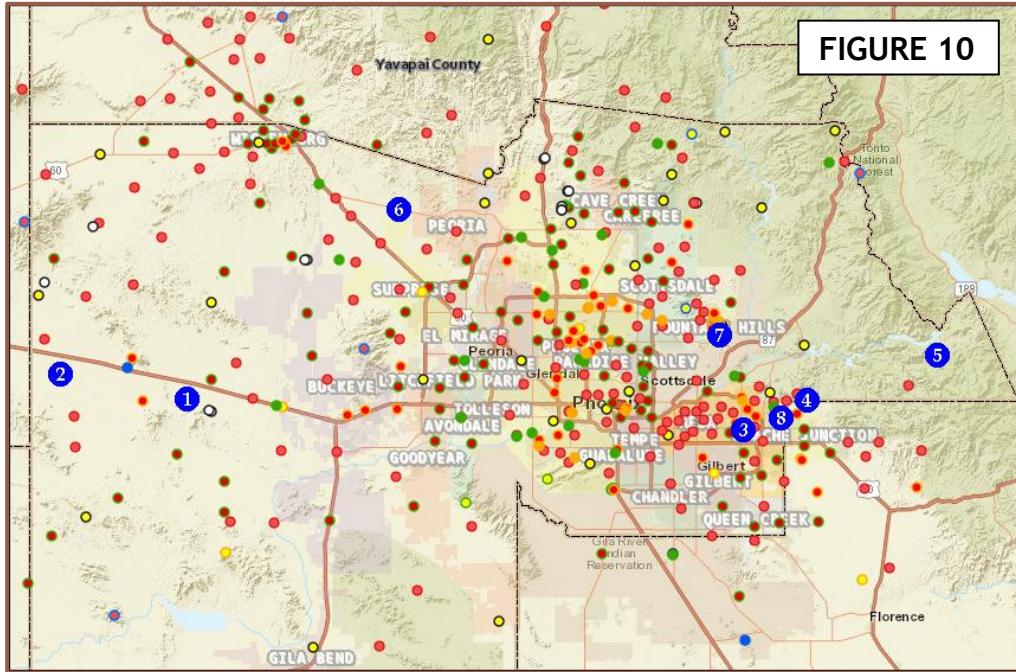


Figure 9 above was created with ESRI ARCPRO® using 24-hour rainfall totals from a gage-corrected radar rainfall estimate product provided by Vieux & Associates® Inc., centered on Tonopah. The white-on-black numerals are FCDMC rain gage totals for the same time period. Areas in dark purple are likely hail contamination. Hail reflects much more of the RADAR signal than liquid water, causing rainfall over-estimates.

Return Period Analysis for Selected FCDMC Rain Gages



- 1) Delaney Wash #25000
- 2) Centennial Levee #25700
- 3) Jefferson Park #34900
- 4) Wolverine Pass #38300
- 5) Reavis Trailhead #63700
- 6) Picacho Wash @ SR 74 #74200
- 7) Stone Ridge Dam #77300
- 8) Signal Butte FRS #79500

TABLE I

Map ID	Sta. ID	Name	Elev. (ft.)	Selected Rainfall Totals (inches) & Return Periods (years)																			
				15min	15mRP	30min	30mRP	1hr	1hRP	2hr	2hRP	3hr	3hRP	6hr	6hRP	12hr	12hRP	1day	1dRP	2day	2dRP	3day	3dRP
1	7000	Missouri Ave. @ 16th St.	1,160	0.87	16	0.98	8	1.38	13	1.54	13	1.54	11	1.54	6	1.57	4	1.77	4	1.77	3	1.77	2
	25000	Delaney Wash	1,120	0.51	2	0.91	4	1.38	8	1.81	15	2.09	24	2.72	49	3.07	63	3.07	32	3.07	25	3.07	19
	25200	Saddleback FRS	1,180	0.51	2	0.75	2	0.94	2	1.42	6	1.81	12	1.89	9	2.48	18	2.48	13	2.48	11	2.68	11
2	25700	Centennial Levee	1,260	1.14	43	1.26	15	1.38	9	1.73	12	1.73	10	2.09	12	3.19	55	3.31	47	3.31	43	3.31	30
	33200	McDowell Rd. @ Hawes Rd.	1,750	0.59	4	0.83	4	1.38	13	1.73	24	1.85	27	2.32	47	2.32	25	2.32	7	2.32	5	2.32	3
	33500	McDowell Rd. @ Meridian Rd.	1,910	0.51	2	0.94	5	1.65	22	1.77	21	2.01	33	2.44	49	2.44	22	2.48	7	2.48	5	2.56	3
	34300	EMF @ Broadway Rd.	1,340	0.71	5	1.06	13	1.46	21	1.69	27	1.69	22	2.13	41	2.13	27	2.13	8	2.13	6	2.13	4
3	34900	Jefferson Park	1,400	0.83	16	1.46	62	1.97	100	2.20	115	2.32	116	2.60	131	2.60	87	2.60	20	2.60	13	2.60	9
	35800	US 60 @ Ellsworth Rd.	1,470	1.06	49	1.30	31	1.69	40	1.81	36	2.13	69	2.17	42	2.20	28	2.24	9	2.24	7	2.24	4
	36500	Apache Trail	1,735	0.71	6	1.10	11	1.26	8	1.57	15	1.85	27	2.09	28	2.09	14	2.09	5	2.09	4	2.13	2
4	38300	Wolverine Pass	2,050	0.94	16	1.54	42	2.40	168	2.72	234	3.31	589	4.09	1000	4.13	657	4.17	78	4.17	40	4.21	18
	38800	Bulldog Canyon	2,080	0.75	5	1.26	13	2.13	67	2.32	74	2.80	167	3.62	510	3.62	180	3.66	29	3.66	15	3.74	8
	48500	Diggs Wash	1,680	0.79	6	1.14	7	1.46	9	1.77	12	2.24	28	2.28	18	2.36	13	2.52	8	2.52	7	3.50	22
	56300	IBW @ Indian Bend Rd.	1,285	0.75	10	0.75	4	0.83	3	1.26	7	1.30	6	1.30	3	1.57	5	1.85	4	1.85	3	1.85	3
	57000	Camelback Mountain East	1,535	0.59	4	0.59	2	0.67	1	1.02	3	1.06	3	1.06	2	1.30	2	1.61	2	1.61	2	1.61	2
	59000	Lake Margherite	1,325	0.87	20	0.91	7	1.14	7	1.69	24	1.69	17	1.69	9	2.01	15	2.05	6	2.05	4	2.05	3
	63600	Tortilla Well	3,165	0.91	7	1.18	6	1.30	4	2.13	19	2.60	48	3.39	117	3.39	39	3.39	9	3.43	5	3.46	3
5	63700	Reavis Trailhead	3,595	0.67	3	1.06	4	1.50	7	2.40	42	3.39	267	4.21	662	4.29	243	4.41	49	4.45	21	4.49	13
	65500	Fig Springs	2,390	1.50	82	1.65	28	1.89	19	2.13	18	2.36	25	2.44	18	2.56	10	2.83	6	2.83	4	2.95	3
	73500	Circle City	1,890	0.67	2	0.94	3	1.18	3	1.42	4	2.13	16	2.56	26	2.56	14	2.95	12	2.95	9	4.06	28
6	74200	Picacho Wash @ SR 74	1,975	1.10	19	1.81	56	1.97	27	2.80	95	2.83	77	2.83	47	2.91	27	3.19	17	3.19	10	4.72	41
	76000	McDowell Mtn. Rd.	1,620	0.71	6	1.10	10	1.38	11	1.50	10	1.50	8	1.61	6	2.48	28	2.72	12	2.72	7	2.72	5
	76700	Fountain Hills Fire Dept.	1,665	0.51	2	0.71	2	1.10	5	1.50	10	1.93	27	1.93	15	2.48	31	3.11	26	3.11	12	3.15	9
7	77300	Stone Ridge Dam	1,710	0.91	17	1.57	63	1.85	48	2.28	92	2.72	186	2.72	100	3.11	128	3.82	75	3.82	29	3.82	19
8	79500	Signal Butte FRS	1,710	0.75	8	1.30	24	1.93	62	1.97	47	2.20	66	2.60	93	2.64	52	2.68	15	2.68	10	2.72	5

Color Key:

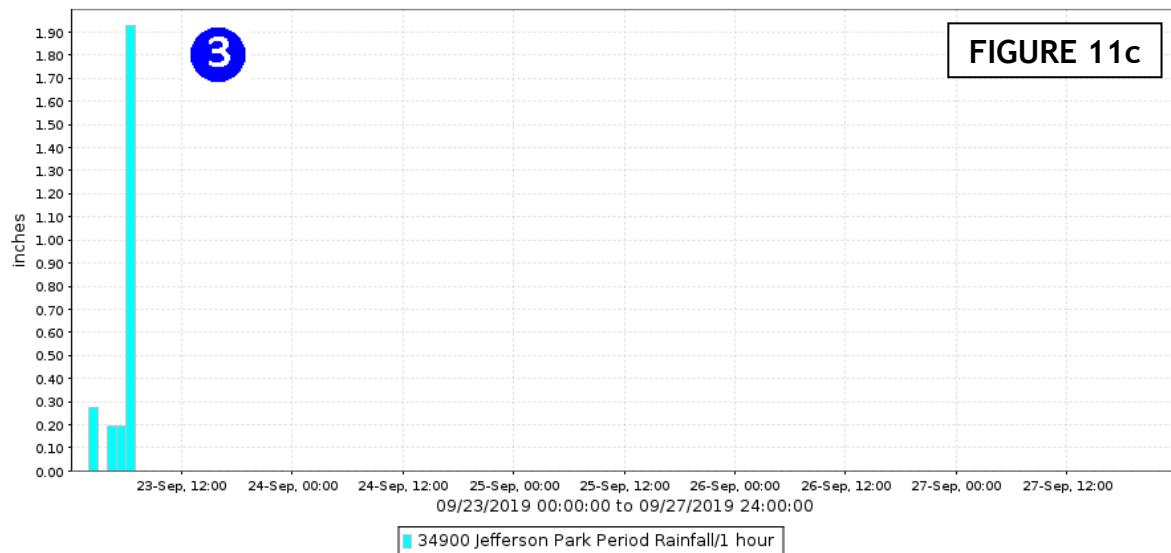
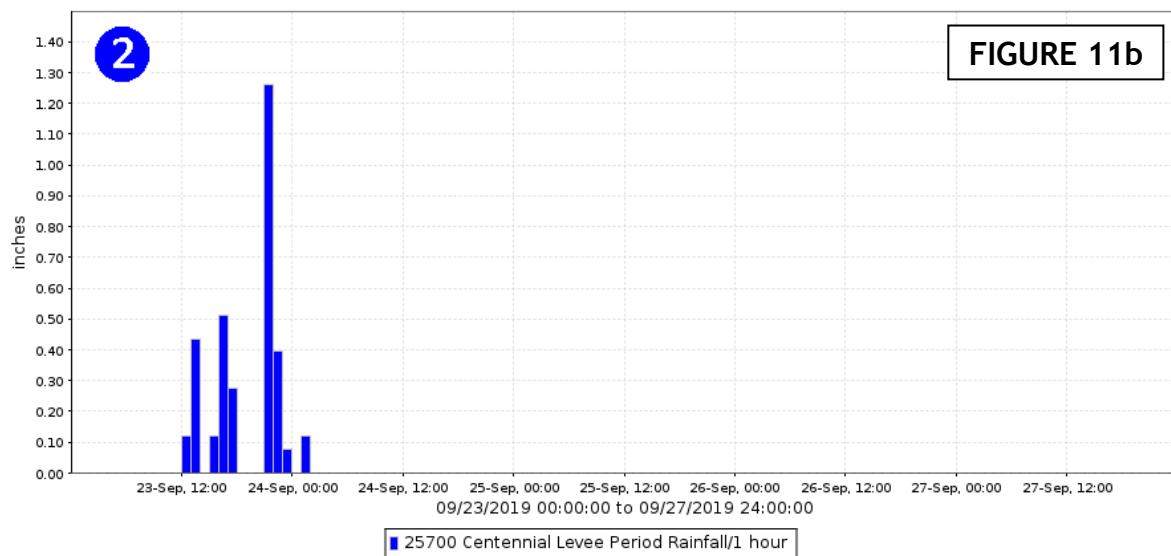
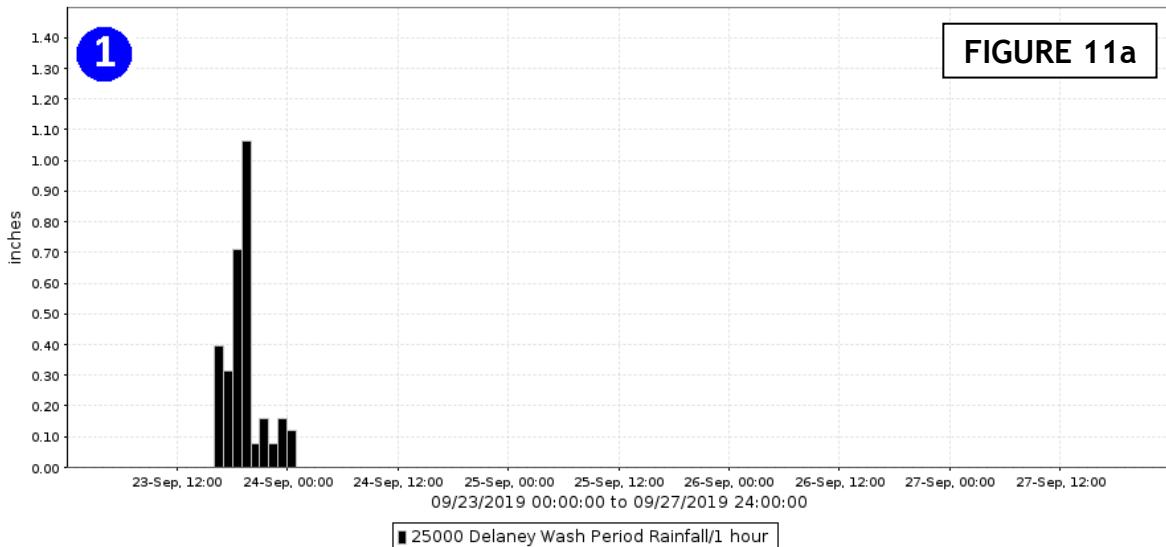
Return Period 10-24 years

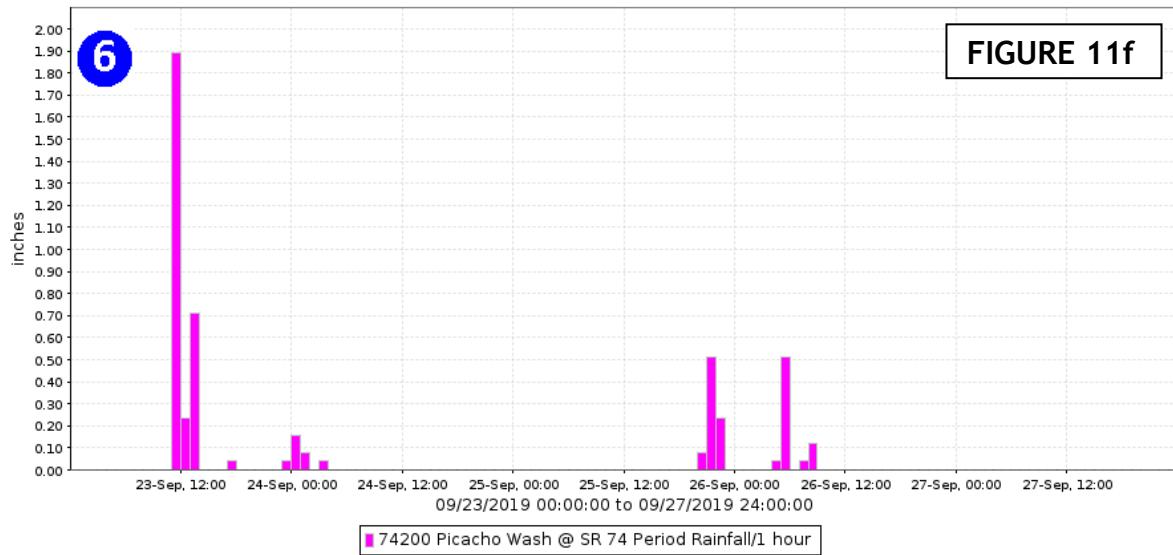
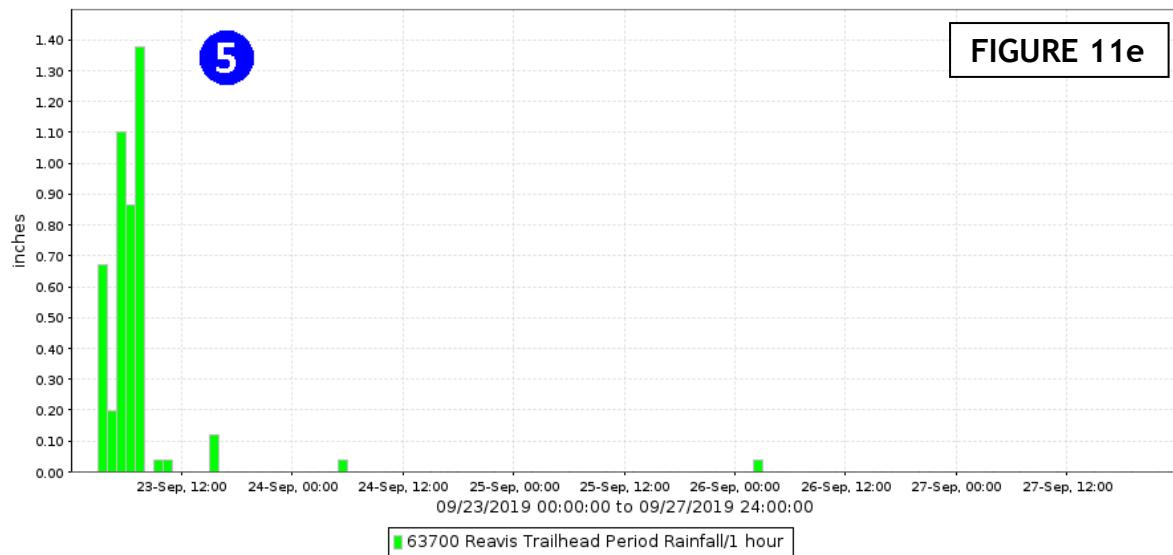
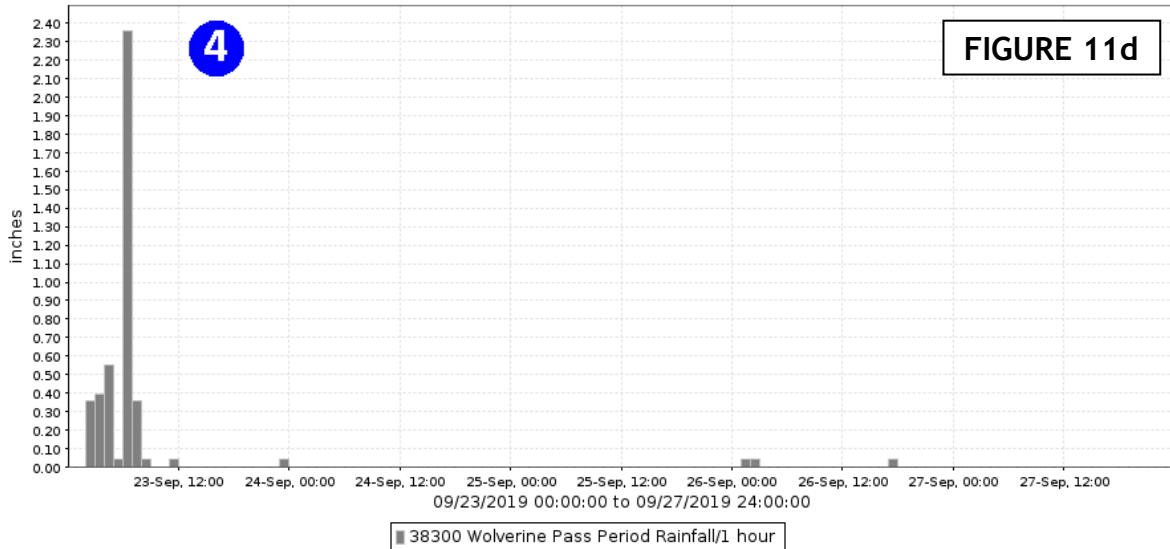
Return Period 25-49 years

Return Period 50-99 years

Return Period ≥ 100 years

Match the plots on the following three pages with the numbered locations on Figure 8 above and to the Map ID in Table I. All plots are 1-hour intervals, and scales are (nearly) identical for ease of comparison. Rainfall frequency estimates for the ALERT gages in Table I were taken/interpolated from NOAA Atlas 14, version 5.





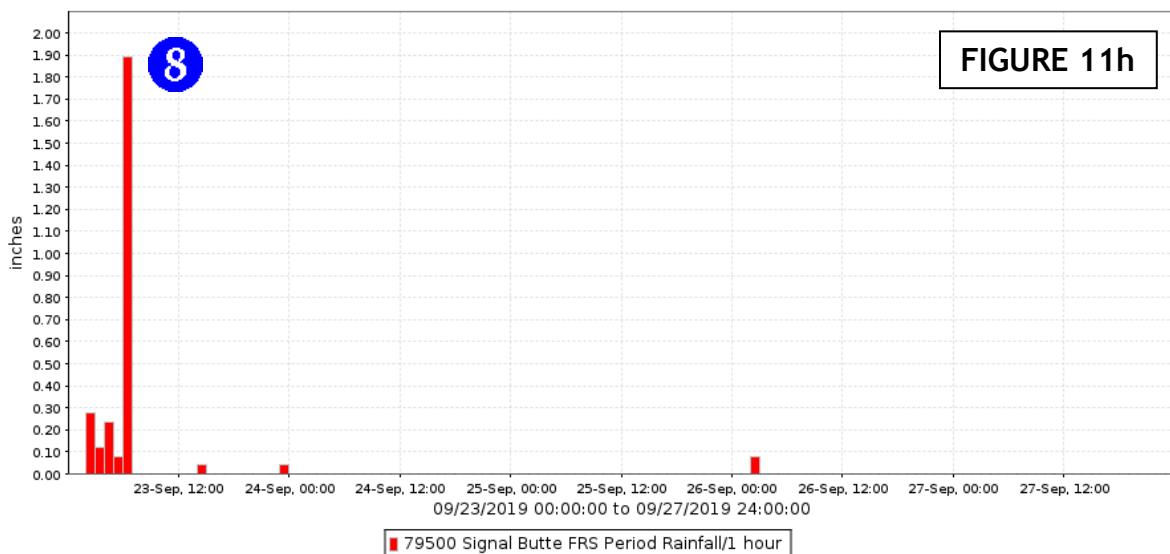
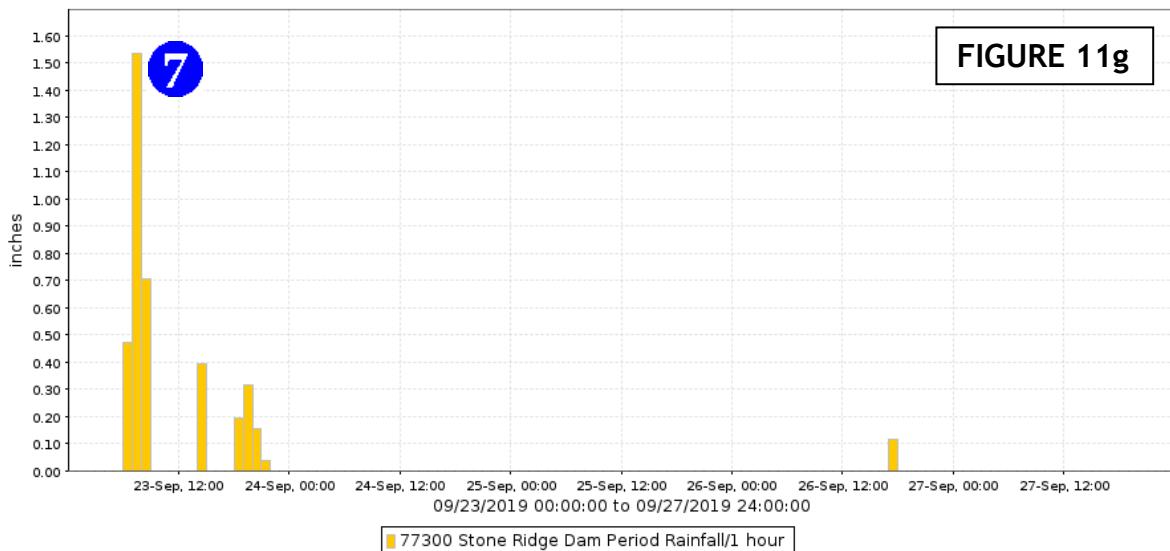


Figure 12 - Storm Structure NW of Wickenburg, Sep. 23, 2019, Photographer & Time Unknown

Runoff and Impoundment Summary

Moisture from Hurricane Lorena from the south was caught up and mixed with a passing cold front from the northwest that remained in the area for much of the week from September 23 - 27. As a result of this interaction, significant rainfall and subsequent runoff affected much of the periphery of Maricopa County from Apache Junction in the southeast in an arc to the northwest in Wickenburg and south to Tonopah. Multiple runoff events occurred on several watercourses during the week, the most significant of which occurred in the Skunk Creek and Hassayampa River watersheds.

Heavy rainfall affected the Apache Junction area initially on September 23rd with a few water-level stations recording record streamflow and impoundments. As the day progressed runoff occurred in Skunk Creek & tributaries and the Hassayampa River watershed including tributaries that discharge into the river upstream of the US 60 bridge crossing (and gage.)

Runoff

Below is Table II - significant runoff measurements from the week of September 23-27, 2019.

Gage Name	ID	Date/Time of Peak	Peak Q (cfs)	Peak Stage (GH)	Estimated Return Period	Highest Reorded Event?
Hassayampa River Watershed (by Stream Order)						
Hassayampa R. at Box Canyon	5308	9/26 12:41	630	4.95	< 2-year	No
Antelope Creek	7168	9/23 14:10	1,706	4.03	4-year	No
Antelope Creek	7168	9/25 22:53	1,574	3.91	3-year	No
Antelope Creek	7168	9/26 07:40	1,439	3.78	3-year	No
Martinez Creek	7013	9/23 13:55	3,237	6.49	7-year	No
Martinez Creek	7013	9/25 23:28	1,200	4.40	3-year	No
Martinez Creek	7013	9/26 07:15	1,703	5.00	4-year	No
Hassayampa River at US60	5228	9/23 15:30	2,664	2.19	2-year	No
Hassayampa River at US60	5228	9/26 14:30	1,788	1.87	< 2-year	No
Hassayampa River near Morristown	5223	9/23 16:49	778	8.74	< 2-year	No
Hassayampa River near Morristown	5223	9/25 22:48	106	7.69	< 2-year	No
Hassayampa River near Morristown	5223	9/26 10:12	428	8.34	< 2-year	No
Skunk Creek Watershed (by Stream Order)						
Skunk Creek near New River	5588	9/23 12:45	3,021	5.01	75-year	Yes
Skunk Creek near New River	5588	9/26 19:06	955	3.24	7-year	No
Cline Creek	5583	9/23 13:16	503	2.93	2.2-year	No
Cline Creek	5583	9/26 18:48	368	2.51	< 2-year	No
Skunk Cr. at Desert Hills Dr.	64807	9/23 13:50	2,476	4.11	6-year	Yes
Skunk Cr. at Desert Hills Dr.	64807	9/26 20:04	1,152	2.99	2-year	No
Skunk Cr. at Carefree Hwy.	65707	9/23 14:29	1,141	3.68	2-year	No
Skunk Cr. at Carefree Hwy.	65707	9/26 21:03	771	3.26	< 2-year	No

Gage Name	ID	Date/Time of Peak	Peak Q (cfs)	Peak Stage (GH)	Estimated Return Period	Highest Reorded Event?
Skunk Creek at Dixileta Dr.	64907	9/23 15:20	1,947	4.84	4-year	No
Skunk Creek at Dixileta Dr.	64907	9/26 22:19	889	2.84	< 2-year	No
Skunk Creek at I-17	5568	9/23 16:11	1,104	2.67	2-year	No
Adobe Dam Outlet	5538	9/23 23:30	126	2.41	N/A	No
Adobe Dam Outlet	5538	9/27 10:15	33	1.17	N/A	No
Other Notable Runoff Events						
Amigos Wash	6648	9/23 07:19	188	1.25	8-year	No
Apache Trail	36507	9/23 08:22	480	2.87	110-year	Yes
Delaney Wash	5108	9/23 20:57	1,190	5.57	4-year	No
EMF at Broadway Road	6573	9/23 07:00	986	3.12	5-year	No
EMF near Powerline Floodway	6758	9/23 11:31	879	2.97	< 2-year	No
EMF at Queen Creek Road	6583	9/23 14:50	2,924	4.74	3.5-year	No
EMF at Arizona Avenue	6598	9/24 01:01	500	1.54	< 2-year	No
Guadalupe Channel	6603	9/23 06:57	772	2.49	3-year	No
Picacho Wash @ SR 74	5678	9/23 12:18	2,437	4.41	10-year	Yes
Salt River below Granite Reef	4583	9/23 16:26	20,696	16.13	< 2-year	No
Salt River at Val Vista Drive	4548	9/23 15:04	5,142	5.41	< 2-year	No
Salt River at Priest Drive	4523	9/24 06:45	6,530	6.14	< 2-year	No
Salt River at 7 th Avenue	4763	9/24 06:00	7,295	8.21	< 2-year	No
Weekes Wash at Baseline Rd	6753	9/23 09:06	1,493	7.07	9-year	Yes

NOTE: Return Periods based on USGS Streamstats Data and are estimated.

The discharge (highlighted) measured at *Salt River below Granite Reef* was not a result of local runoff, but rather of releases by Salt River Project to make room in Canyon and Apache Lakes in anticipation of high inflows due to the recent Woodbury Fire in the Superstition Mountains.



Figure 13 - EMF at Broadway Road (6573), 09/23/2019, 07:34AM

One streamgage location, Picacho Wash, located along SR74 about 10 miles east of US60/93 had a record event that significantly changed the channel. Before and after photos are provided below.

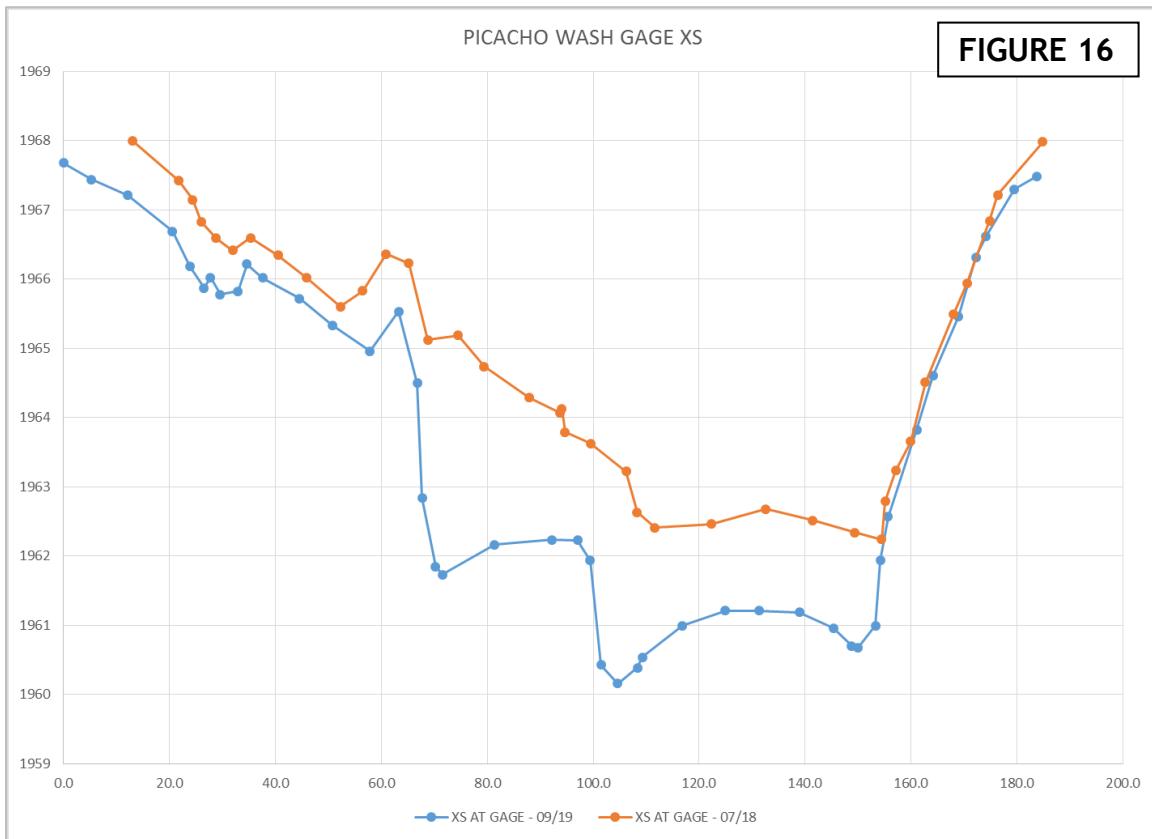
Figure 14 - Photo from May 16, 2019



Figure 15 - Photo from September 24, 2019

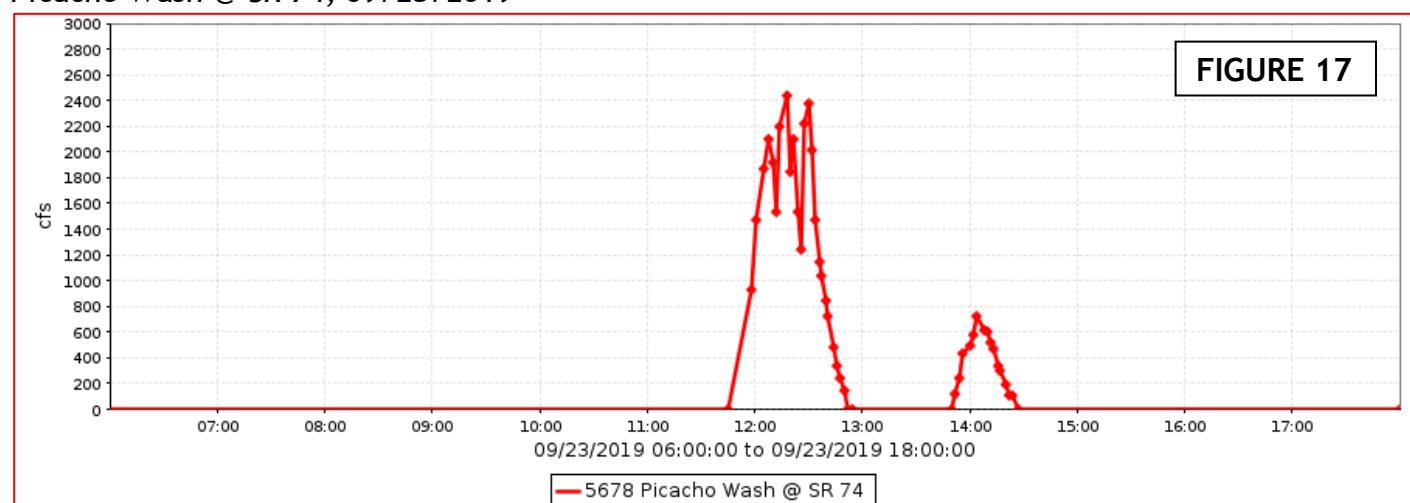


From the photos, it is evident that some changes of the channel geometry occurred in response to the significant rainfall in the upstream watershed. Rainfall maps indicate that 3 - 4 inches of rain fell in the watershed upstream causing the unusually large flow. A plot of the gage cross sections from a year ago and from just following the record event shows the magnitude of the channel change that occurred as a result of this highest-recorded event.



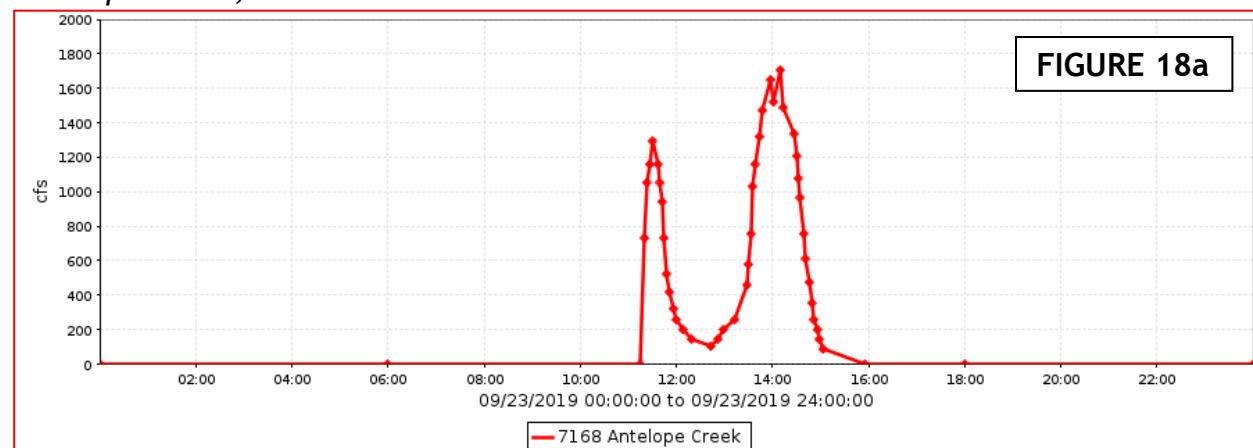
The graph above shows a comparison of the cross sections at the Picacho Wash gage. The orange line is the cross section from a survey in July 2018. The blue line is the cross section as surveyed following the September 23, 2019 event (surveyed September 25, 2019.) The large discharge from the heavy rainfall caused significant change to the channel, removing a significant amount of material in the entire channel left of the right bank. Below is the hydrograph recorded by the water-level sensor for the event.

Picacho Wash @ SR 74, 09/23/2019

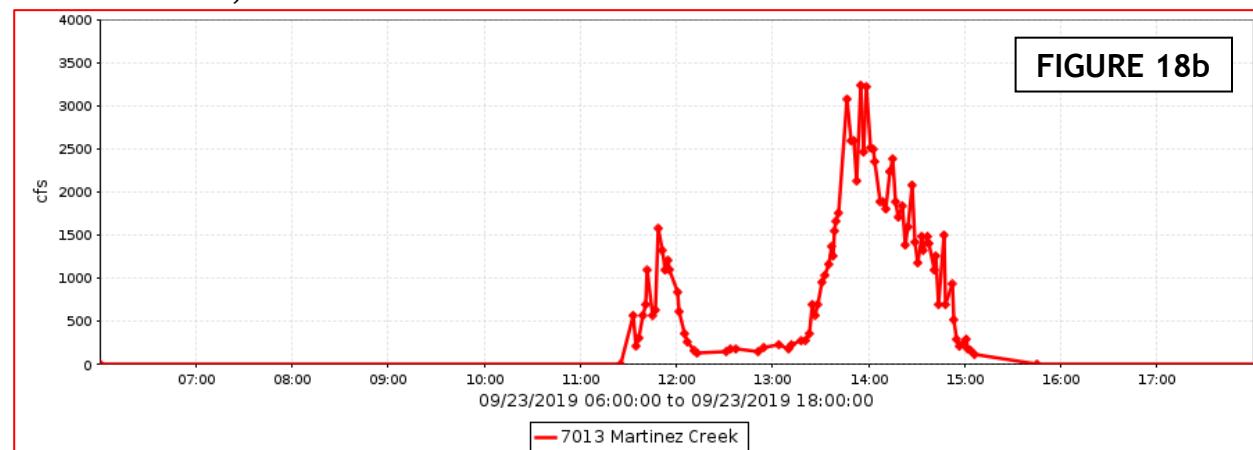


Selected hydrographs from the gages listed in Table II:

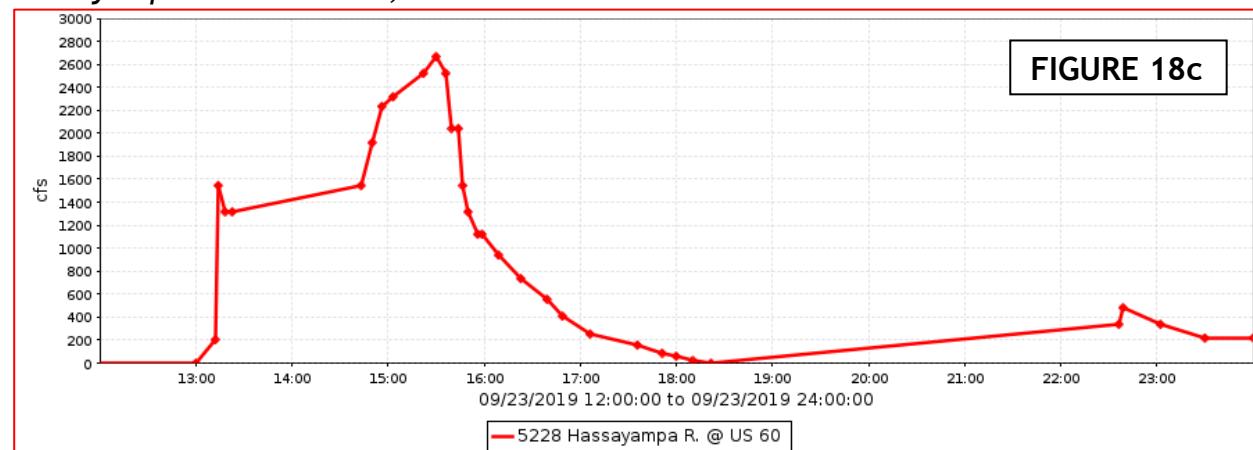
Antelope Creek, 09/23/2019



Martinez Creek, 09/23/2019

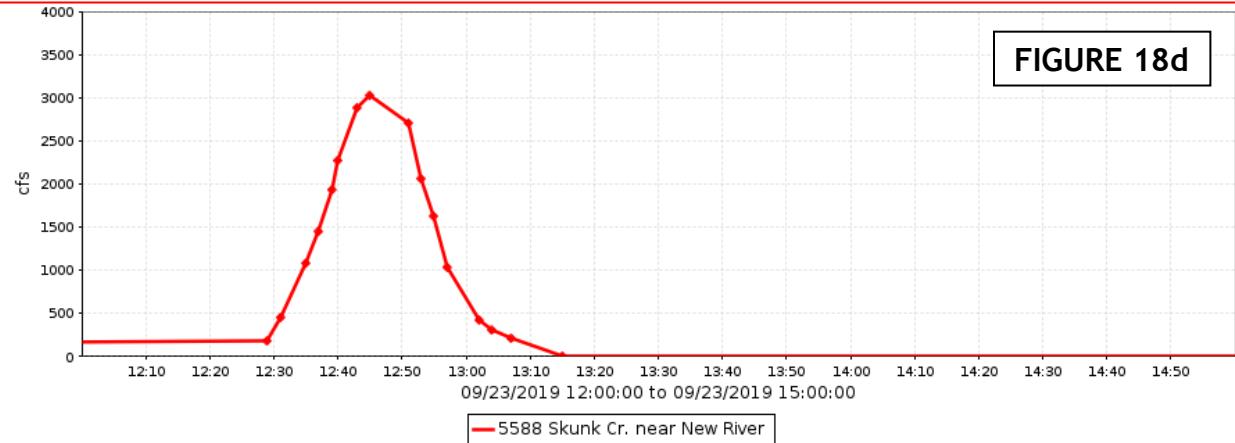


Hassayampa River at US60, 09/23/2019



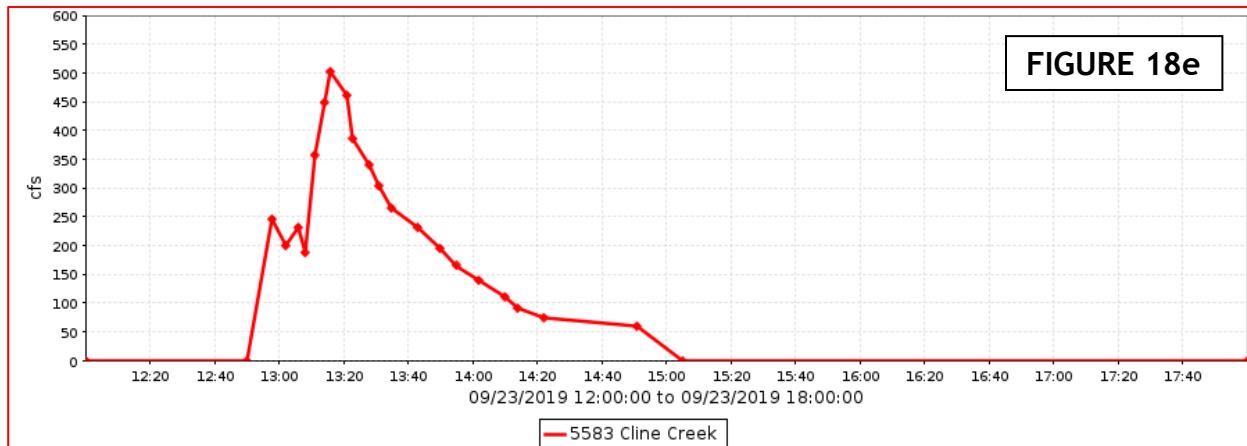
Skunk Creek near New River, 09/23/2019

FIGURE 18d



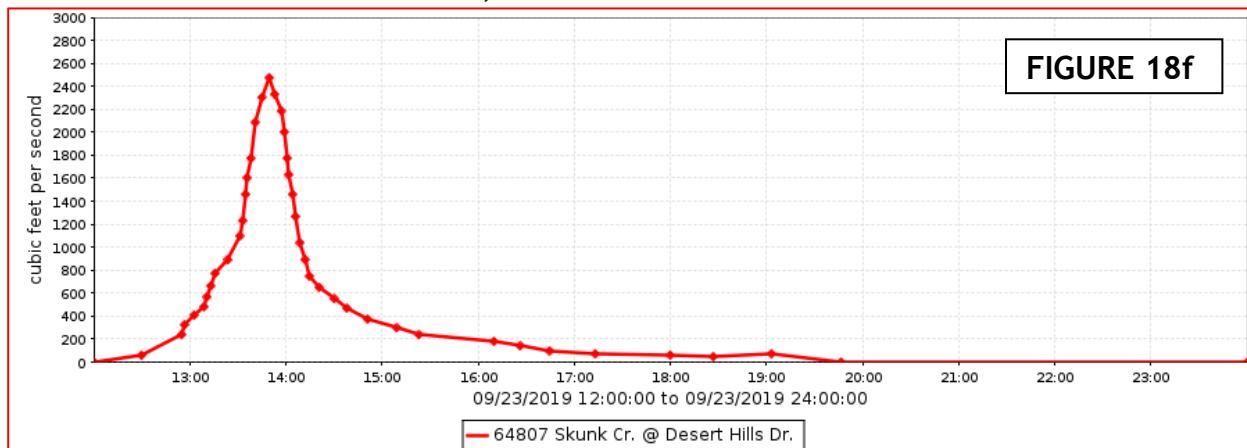
Cline Creek, 09/23/2019

FIGURE 18e

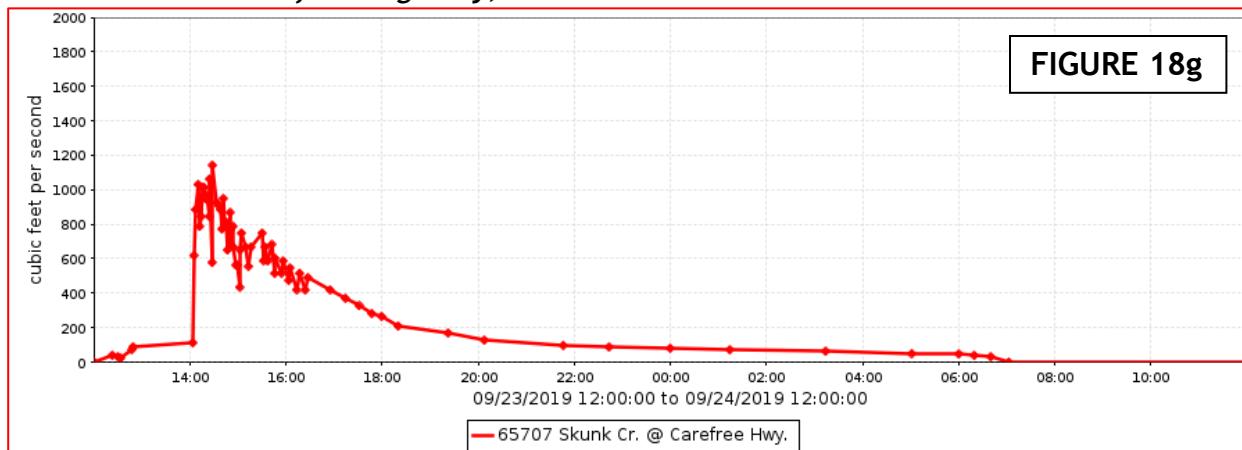


Skunk Creek at Desert Hills Drive, 09/23/2019

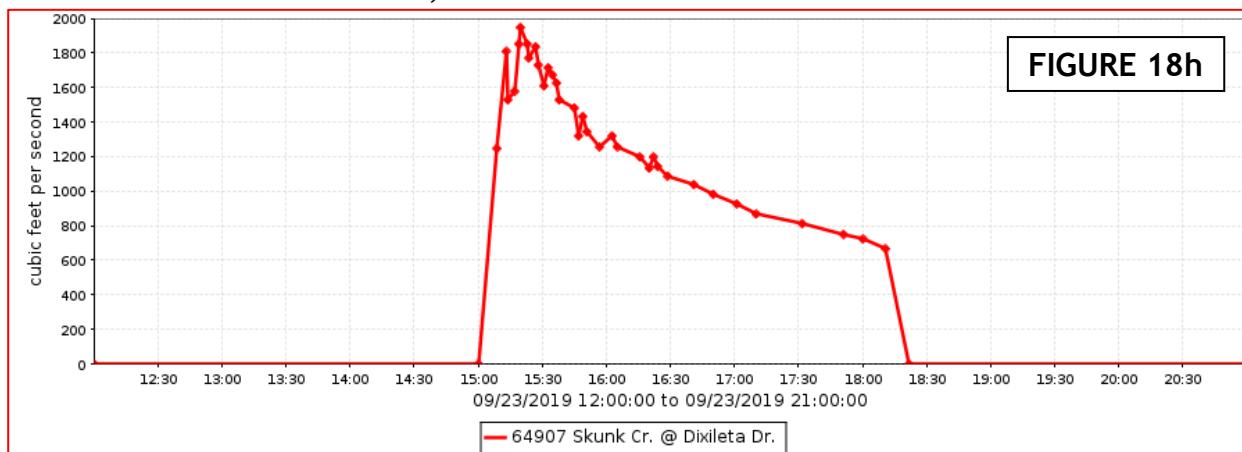
FIGURE 18f



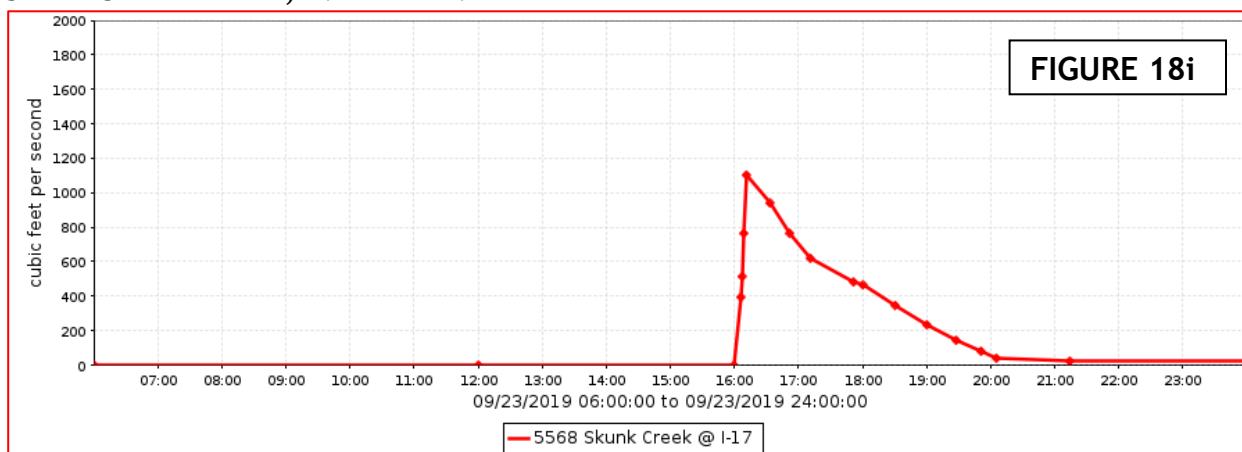
Skunk Creek at Carefree Highway, 09/23/2019



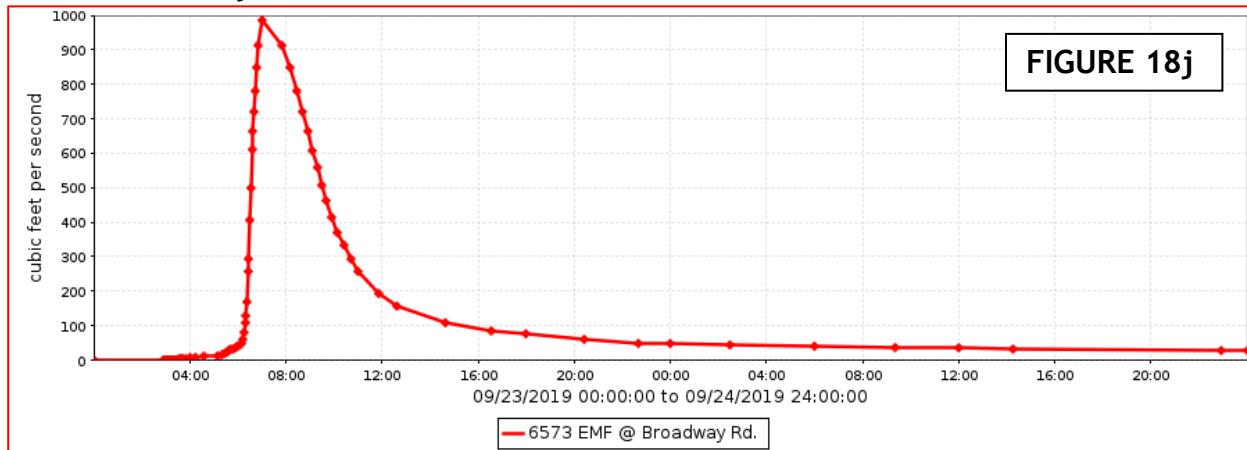
Skunk Creek at Dixileta Drive, 09/23/2019



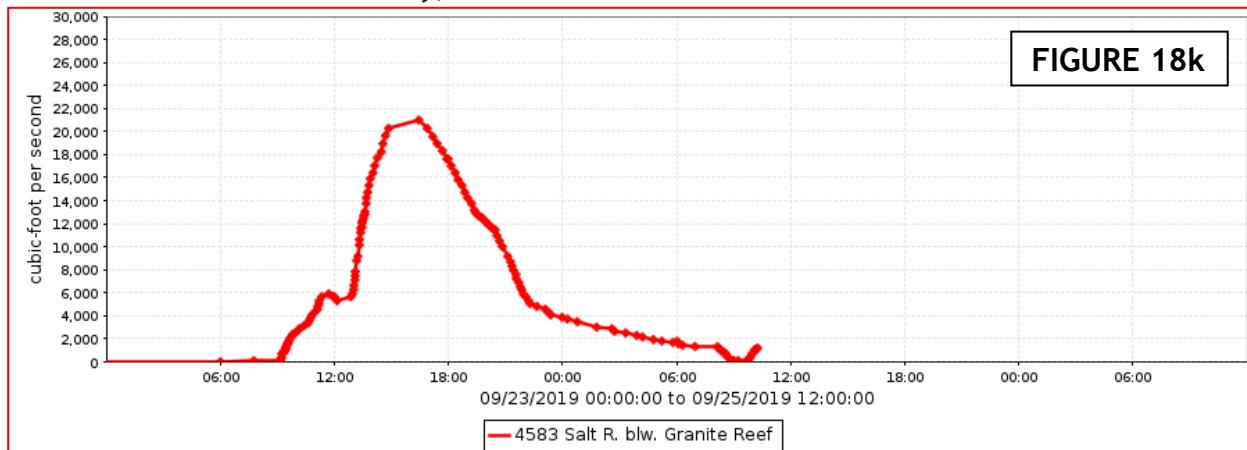
Skunk Creek at I-17, 09/23/2019



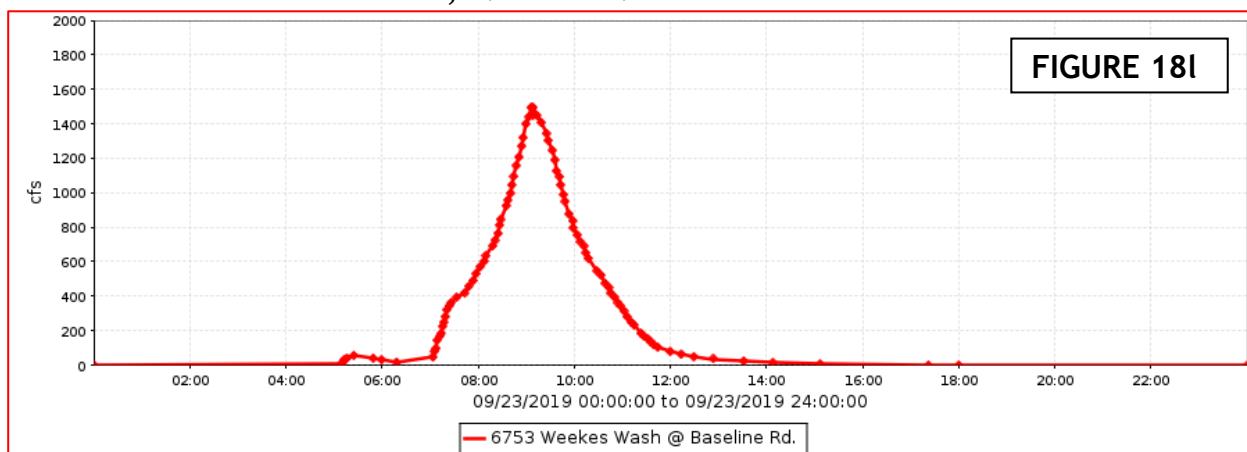
EMF at Broadway Road, 09/23/2019



Salt River below Granite Reef, 09/23/2019



Weekes Wash at Baseline Road, 09/23/2019



Impoundments

Several Impoundment Stations also received runoff and impounded water. Below is Table III - some notable impoundments.

Gage Name	ID	Date/Time of Peak	Peak Stage (GH)	Peak Volume (ac-ft)	Percent Spillway Capacity	Highest Recorded Event?
Apache Junction FRS	6673	9/23 08:16	9.12	140.2	20.8	Yes
Golden Eagle Park Dam	5978	9/23 20:15	13.48	20.3	20.3	No
North Heights Dam	5983	9/23 19:32	10.71	6.2	4.5	No
Phoenix Dam #3	4828	9/23 19:10	7.60	3.5	5.7	No
Phoenix Dam #7	4853	9/23 18:51	9.79	7.4	6.1	No
Phoenix West Park Dam	4858	9/23 18:55	8.40	12.6	11.2	No
Signal Butte FRS	6628	9/25 06:00	12.95	307.0	18.6	No
Spookhill FRS	4563	9/23 14:38	7.13	206.0	7.6	No



Figure 19 - Apache Junction FRS (6673), 09/23/2019, 09:33 AM



Figure 20 - Signal Butte FRS (6628), 09/23/2019, 10:24AM

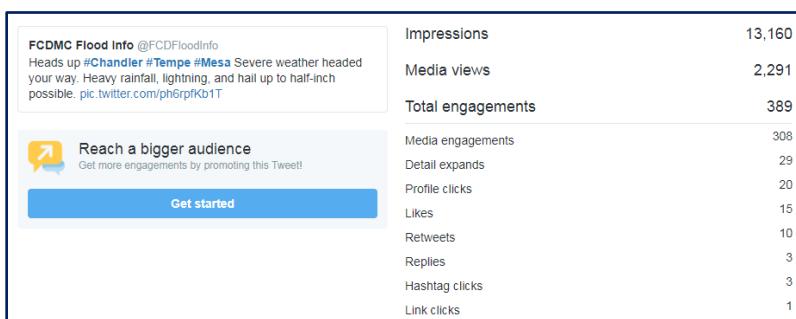
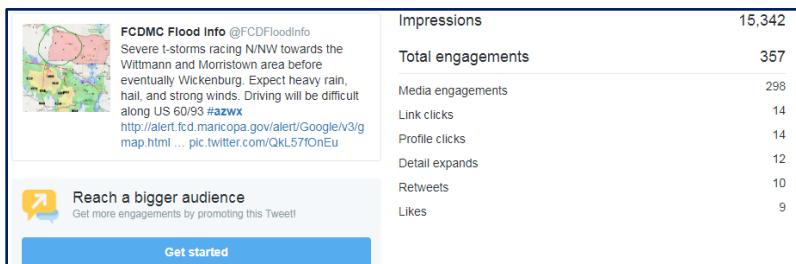


Figure 21 - Spookhill FRS (4563), 09/23/2019, 08:44AM

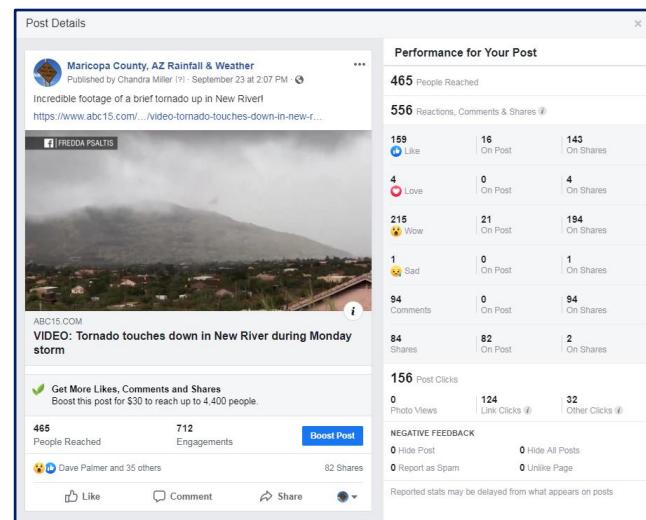
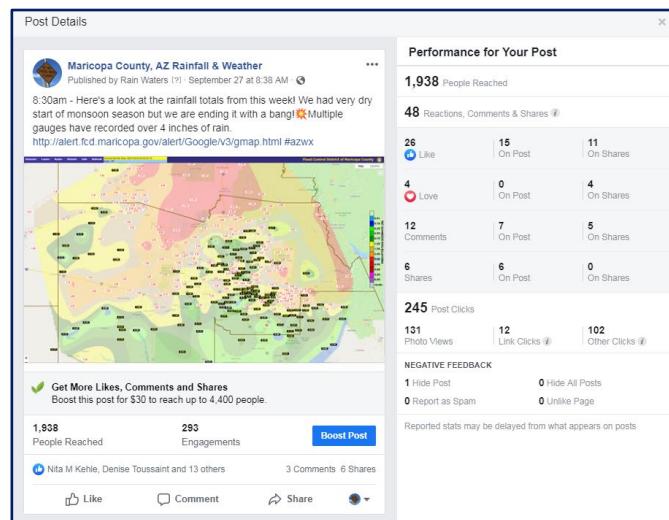
Public Outreach Summary

The District operates a total of 409 ALERT stations located throughout Maricopa and adjoining Counties. All of the information from these stations is available in real-time on our [webpage](#). During this event (Sept 23-27) the District used social media to help inform the news media and the public of the current weather and rainfall information.

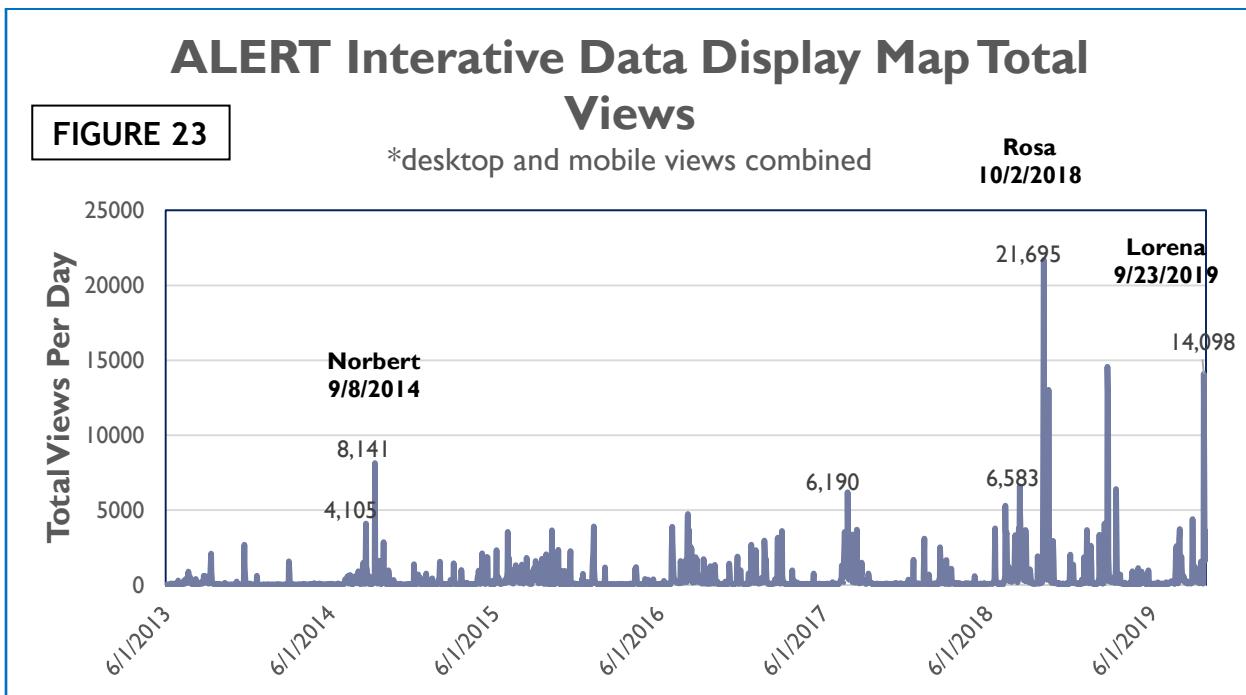
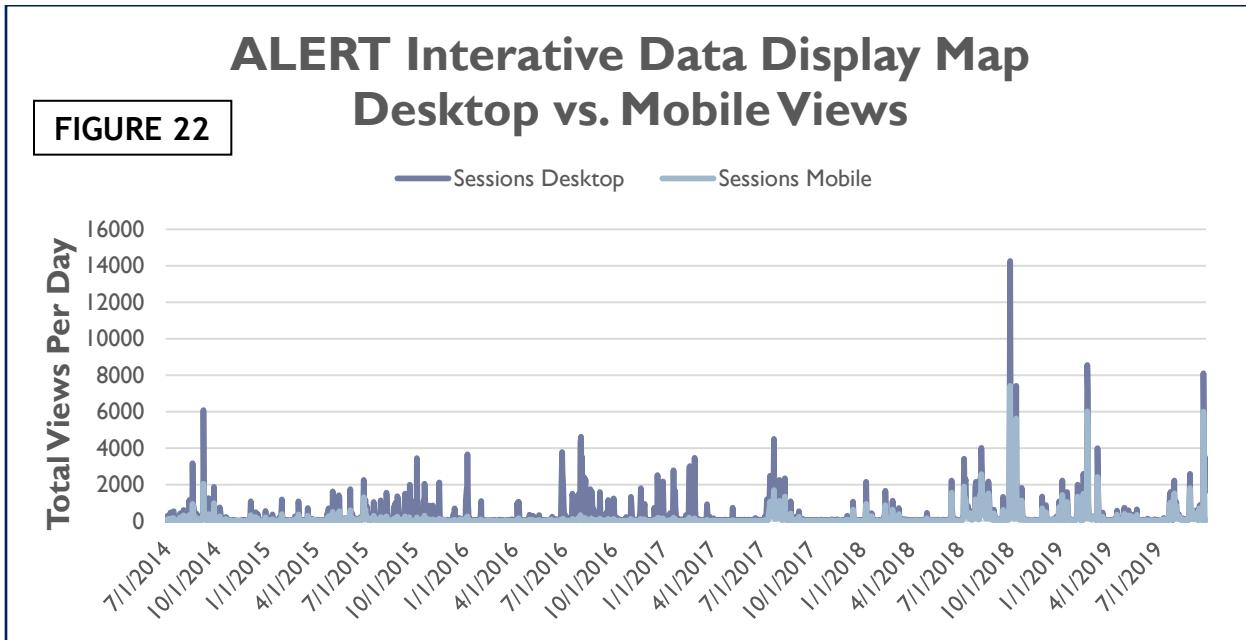
Our most popular platform continues to be Twitter [@FCDFloodInfo](#). We had a total of 110,069 impressions and 4,297 engagements during this time. Our top post had over 15,342 impressions.



Our Facebook page [Maricopa County AZ, Rainfall & Weather](#) had 5,352 impressions and 866 engagements. Our top post had a total of 1,938 impressions.



Our Google Data Display Map display continues to be the primary access our ALERT data. During this event there were a total of 28,352 sessions for both the desktop and mobile versions combined. The highest impact day was Sept 23 which had 14,098 sessions. We continue to see an increase of mobile device usage with 74% of the views on the 23rd being on a mobile device. That is nearly a 20% increase of mobile-device use over the last large event on 10/2/2018.



Additionally we contributed to media interviews and articles that featured the Flood Warning Branch but were initiated by the Information Outreach and Support Branch at the Flood Control District. Two samples are provided below.

Flood Control District of Maricopa County keeping watchful eye on floodwaters

Ashlee DeMartino
Posted Sep 24, 2019

Flood Control District of Maricopa County keeps track of the flooding during storms in the Valley and helps emergency responders act to save people stranded.

CLICK HERE

Most Popular

ARTICLES VIDEOS

- » Toddler dies after being left in car with heater on for 5 hours while mother allegedly drank with friend
- » Firefighters battle massive 3-alarm fire at Phoenix strip mall
- » Snoop Dogg's newborn grandson dies at 10 days old

f t e d

FIGURE 24

https://www.azfamily.com/weather/flood-control-district-of-maricopa-county-keeping-watchful-eye-on/article_ca210f26-df3c-11e9-a65e-7324ffbcaceb.html

Flood Control District keeping tabs on flooding-related issues after massive storm

Posted: 3:21 PM, Sep 24, 2019 Updated: 5:19 AM, Sep 25, 2019

By: Mike Pelton



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As the Valley dries out from a round of intense storms, agencies across the region are keeping a close eye on the sky.

<https://www.abc15.com/news/state/flood-control-district-keeping-tabs-on-flooding-related-issues-after-massive-monsoon-storm>

FIGURE 25

DATA SOURCES

1. NOAA National Severe Storms Laboratory; Multi-Radar Multi-Sensor System, Norman, OK
<http://nmq.ou.edu/>
2. National Weather Service, Storm Prediction Center, Norman, OK:
<http://www.spc.noaa.gov/obswx/maps/>
3. Flood Control District of Maricopa County, Phoenix, AZ
<http://www.fcd.maricopa.gov> and <http://www.reportaflood.org>
4. National Weather Service, National Hurricane Center, Miami, FL:
<http://www.nhc.noaa.gov/?epac>
5. NOAA Atlas 14 Point Precipitation Frequency Data Server,
https://hdsc.nws.noaa.gov/hdsc/pfds/pfds_map_cont.html
6. National Weather Service, Weather Prediction Center, College Park, MD:
<http://www.wpc.ncep.noaa.gov/>
7. Pivotal Weather LLC, Norman, OK: <http://www.pivotalweather.com/>
8. National Weather Service, Tucson WFO, Monsoon Tracker, Tucson, AZ:
https://www.wrh.noaa.gov/twc/monsoon/monsoon_patterns.php
9. National Weather Service, Weather Prediction Center, College Park, MD:
<http://www.wpc.ncep.noaa.gov/>
10. Iowa State University, Iowa Environmental Mesonet, Interactive Radar App, Ames, IA:
<https://mesonet.agron.iastate.edu/GIS/apps/rview/warnings.shtml>
11. Severe thunderstorms in Arizona: Cooperative Institute for Meteorological Satellite Studies, University of Wisconsin, Madison, WI
<http://cimss.ssec.wisc.edu/goes/blog/archives/34420>

Appendix A
G001: Rain Gage Group 01

See <https://www.maricopa.gov/752/Station-Meta-Data> for lists of Gage ID vs. Name, Location, Install Date, etc.

Gage ID	1000 rain	1200 rain	1300 rain	1500 rain	1600 rain	1700 rain	1800 rain	1900 rain
StatType	Precip. in.							
DataType								
Units								
09/27/19								
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
09/26/19								
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	0.04	0.00	0.00
1900	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.04	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	0.24	0.00	0.00
1100	0.24	0.00	0.00	0.12	0.08	0.16	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.39	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
0800	0.16	0.00	0.00	0.00	0.00	0.20	0.00	0.00
0700	0.08	0.00	0.00	0.00	0.24	0.12	0.00	0.00
0600	0.00	0.04	0.00	0.00	0.04	0.08	0.04	0.00
0500	0.04	0.00	0.00	0.00	0.00	0.00	0.47	0.00
0400	0.00	0.16	0.00	0.00	0.00	0.00	0.04	0.00
0300	0.04	0.20	0.00	0.00	0.00	0.00	0.28	0.00
0200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0100	0.16	0.00	0.00	0.00	0.00	0.04	0.00	0.00
09/25/19								
2400	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.00	0.16	0.04	0.00	0.00
2200	0.00	0.00	0.04	0.00	0.67	0.00	0.16	0.00
2100	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
2000	0.12	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

**NovaStar Statistical Report
G002: Rain Gage Group 02**

**NovaStar Statistical Report
G003: Rain Gage Group 03**

**NovaStar Statistical Report
G004: Rain Gage Group 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	0.00	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
09/24/19								
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	0.04	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	0.00	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	0.04	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	0.04	0.00	0.04	0.00	0.04	0.04
0100	0.12	0.04	0.04	0.04	0.04	0.04	0.04	0.04
09/23/19								
2400	0.00	0.00	0.04	0.00	0.00	0.08	0.08	0.04
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	0.04	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.16	0.43	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.59	1.06	0.04	0.16	0.08	0.28	0.28	0.35
1800	0.00	0.00	0.08	0.08	0.00	0.35	0.12	0.24
1700	0.00	0.00	0.04	0.08	0.08	0.04	0.12	0.12
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	0.04	0.00	0.00	0.00
1400	0.00	0.00	0.04	0.00	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	0.00	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	0.00	0.00	0.00	0.04	0.12	0.08	0.00	0.04
0800	0.00	0.04	0.04	0.08	0.08	0.08	0.08	0.12
0700	0.00	0.08	0.08	0.00	0.04	0.00	0.00	0.00
0600	0.00	0.04	0.00	0.00	0.28	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
TOTALS:	0.94	1.81	1.22	0.55	0.87	0.98	1.26	1.30

NovaStar Statistical Report G005: Rain Gage Group 05

NovaStar Statistical Report
G006: Rain Gage Group 06

Gage ID	11800	12000	12500	12700	13300	13500	13700	13800
StatType	rain							
DataType	Precip.							
Units	in.							
09/27/19								
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	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.04
0600	0.00	0.00	0.00	0.00	0.04	0.00	0.04	0.00
0500	0.00	0.00	0.04	0.00	0.00	0.00	0.16	0.16
0400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12
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
09/26/19								
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	0.04	0.00	0.04	0.00	0.04	0.04	0.00	0.00
1800	0.00	0.00	0.00	0.12	0.28	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
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	0.04
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.31	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
09/25/19								
2400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2300	0.04	0.04	0.04	0.00	0.00	0.00	0.00	0.04
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.04	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	0.04	0.00	0.04	0.00	0.00	0.08	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

NovaStar Statistical Report
G007: Rain Gage Group 07

Gage ID	14200	14500	14700	15000	15300	15500	15800	16000
StatType	rain							
DataType	Precip.							
Units	in.							
09/27/19								
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	0.04	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	0.00
0600	0.08	0.00	0.04	0.04	0.00	0.00	0.00	0.00
0500	0.00	0.08	0.04	0.00	0.00	0.00	0.00	0.00
0400	0.00	0.39	0.00	0.00	0.00	0.08	0.00	0.00
0300	0.00	0.24	0.00	0.00	0.00	0.08	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
09/26/19								
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	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.12	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	0.04
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	0.04
1000	0.00	0.00	0.00	0.00	0.00	0.47	0.16	0.20
0900	0.00	0.00	0.00	0.04	0.08	0.12	0.04	0.47
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	0.04
0600	0.00	0.00	0.00	0.00	0.00	0.24	0.00	0.28
0500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12
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
09/25/19								
2400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2300	0.00	0.12	0.04	0.04	0.00	0.04	0.00	0.00
2200	0.00	0.12	0.04	0.00	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	0.00	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
09/24/19								
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	0.04	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00
0500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0400	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
0300	0.04	0.04	0.04	0.00	0.00	0.00	0.00	0.04
0200	0.00	0.08	0.00	0.08	0.12	0.08	0.00	0.12
0100	0.08	0.08	0.04	0.16	0.16	0.12	0.08	0.04
09/23/19								
2400	0.04	0.12	0.00	0.00	0.00	0.08	0.04	0.00
2300	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00
2100	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
1900	0.04	0.04	0.04	0.00	0.00	0.00	0.08	0.04
1800	0.00	0.00	0.04	0.00	0.00	0.16	0.31	0.00
1700	0.04	0.00	0.00	0.00	0.00	0.00	0.04	0.04
1600	0.00	0.00	0.00	0.00	0.00	0.12	0.16	0.00
1500	0.00	0.00	0.00	0.04	0.04	0.00	0.00	0.04
1400	0.12	0.16	0.00	0.87	0.79	0.71	0.63	0.51
1300	0.00	0.00	0.00	0.35	0.43	0.43	0.39	0.31
1200	0.00	0.00	0.00	0.51	0.47	0.83	0.67	0.39
1100	0.00	0.04	0.00	0.04	0.00	0.04	0.08	0.43
1000	0.00	0.00	0.00	0.00	0.00	0.08	0.28	0.16
0900	0.00	0.00	0.00	0.00	0.28	0.00	0.08	0.00
0800	0.04	0.00	0.00	0.08	0.35	0.00	0.00	0.00
0700	0.04	0.00	0.00	0.08	0.24	0.00	0.00	0.00
0600	0.04	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
TOTALS:	0.71	1.57	0.43	2.32	2.95	3.70	3.35	3.35

NovaStar Statistical Report
G008: Rain Gage Group 08

Gage ID	16500 rain	16700 rain	17000 rain	17300 rain	17500 rain	17800 rain	18200 rain	18500 rain
StatType	Precip. in.							
Units								
09/27/19								
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	0.04
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	0.00	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
09/26/19								
2400	0.00	0.04	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	0.04	0.16	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.08	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	0.28
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	0.04	0.00	0.04	0.00	0.00	0.00
1200	0.00	0.12	0.08	0.00	0.00	0.28	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	0.08	0.04	0.00	0.00	0.00
0900	0.00	0.28	0.08	0.00	0.12	0.20	0.00	0.00
0800	0.00	0.12	0.00	0.16	0.20	0.35	0.00	0.00
0700	0.51	0.00	0.04	0.08	0.00	0.04	0.00	0.00
0600	0.24	0.04	0.24	0.08	0.16	0.08	0.00	0.00
0500	0.00	0.16	0.20	0.24	0.08	0.00	0.04	0.12
0400	0.00	0.35	0.12	0.28	0.04	0.00	0.04	0.00
0300	0.00	0.00	0.04	0.00	0.20	0.00	0.00	0.00
0200	0.43	0.04	0.28	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
09/25/19								
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	0.04
2100	0.04	0.00	0.00	0.00	0.00	0.00	0.43	0.43
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.24
1900	0.12	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
09/24/19								
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	0.04
0400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12
0200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
0100	0.04	0.00	0.00	0.00	0.00	0.00	0.08	0.12
09/23/19								
2400	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.24
2300	0.00	0.00	0.00	0.00	0.00	0.08	0.12	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
1900	0.00	0.04	0.00	0.04	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.12	0.00	0.00	0.00	0.04	0.08
1700	0.04	0.04	0.00	0.00	0.00	0.00	0.43	0.00
1600	0.00	0.00	0.04	0.00	0.04	0.00	0.00	0.04
1500	0.04	0.08	0.08	0.04	0.12	0.04	0.00	0.00
1400	0.35	0.16	0.12	0.28	0.08	0.12	0.00	0.00
1300	0.24	0.16	0.12	0.08	0.00	0.08	0.00	0.00
1200	1.34	0.94	0.55	0.16	0.08	0.00	0.00	0.00
1100	0.12	0.20	0.00	0.28	0.00	0.00	0.00	0.00
1000	0.08	0.28	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
TOTALS:	3.62	3.15	2.28	1.77	1.18	1.26	1.77	1.85

**NovaStar Statistical Report
G009: Rain Gage Group 09**

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
09/24/19								
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	0.04
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	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0300	0.00	0.00	0.00	0.04	0.04	0.00	0.00	0.00
0200	0.08	0.04	0.08	0.00	0.00	0.04	0.00	0.00
0100	0.08	0.04	0.08	0.04	0.04	0.04	0.04	0.04
09/23/19								
2400	0.00	0.04	0.00	0.00	0.00	0.04	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	0.12	0.08	0.12	0.04	0.00	0.00	0.08	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	0.04	0.04	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.08	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	0.08	0.04	0.00	0.04	0.16	0.08	0.08
1400	0.20	0.08	0.20	0.08	0.31	0.04	0.04	0.08
1300	0.71	0.35	1.06	0.00	0.43	0.39	0.35	1.18
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.04	0.08	0.00	0.04	0.04	0.08	0.24
1000	0.00	0.31	0.00	0.08	0.16	0.24	0.20	0.00
0900	0.00	0.00	0.08	0.00	0.08	0.00	0.00	0.00
0800	0.08	0.00	0.00	0.00	0.16	0.04	0.08	0.00
0700	0.00	0.00	0.00	0.43	0.04	0.04	0.08	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
TOTALS:	1.34	1.14	1.77	0.91	1.46	1.10	1.06	1.77

**NovaStar Statistical Report
G010: Rain Gage Group 10**

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
09/24/19								
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	0.04	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	0.35	0.00
0200	0.00	0.04	0.04	0.08	0.00	0.00	0.12	0.00
0100	0.04	0.00	0.04	0.08	0.00	0.00	0.04	0.00
09/23/19								
2400	0.00	0.04	0.00	0.00	0.08	0.00	0.00	0.08
2300	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.08
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12
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	0.04	0.28	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	0.04
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12
1500	0.04	0.08	0.28	0.20	0.00	0.04	0.00	0.00
1400	0.47	0.20	0.16	0.12	0.00	0.75	0.00	0.00
1300	0.51	0.83	0.55	1.38	0.00	0.16	0.00	0.71
1200	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.04
1100	0.08	0.16	0.31	0.20	0.00	0.00	0.00	0.00
1000	0.12	0.08	0.16	0.08	0.00	0.00	0.00	0.00
0900	0.20	0.47	0.00	0.16	0.00	0.00	0.00	0.00
0800	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.20	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
TOTALS:	1.85	2.68	2.09	3.54	0.08	1.18	0.79	1.18

**NovaStar Statistical Report
G011: Rain Gage Group 11**

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
09/24/19								
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	0.08	0.00	0.00	0.04	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0300	0.04	0.00	0.00	0.20	0.00	0.00	0.00	0.00
0200	0.04	0.00	0.00	0.00	0.24	0.00	0.00	0.00
0100	0.04	0.00	0.35	0.04	0.08	0.12	0.24	0.12
09/23/19								
2400	0.04	0.12	0.20	0.00	0.24	0.16	0.20	0.20
2300	0.00	0.31	0.16	0.00	0.00	0.08	0.20	0.20
2200	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.16
2100	0.00	0.00	0.08	0.00	0.00	0.08	0.00	0.00
2000	0.00	0.04	0.16	0.00	0.00	1.06	0.43	0.63
1900	0.00	0.24	0.79	0.00	0.00	0.71	0.83	0.71
1800	0.00	0.75	0.04	0.00	0.00	0.31	0.35	0.31
1700	0.00	0.94	0.12	0.00	0.00	0.39	0.24	0.31
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	0.08	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.16	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	0.00
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
TOTALS:	0.55	2.48	2.36	0.55	0.79	3.07	2.68	2.68

**NovaStar Statistical Report
G012: Rain Gage Group 12**

NovaStar Statistical Report
G013: Rain Gage Group 13

Gage ID	27500	27700	28000	28300	28500	28800	29000	29200
StatType	rain							
DataType	Precip.							
Units	in.							
09/27/19								
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	0.04	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
09/26/19								
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	0.12	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	0.12	0.00
1500	0.00	0.00	0.04	0.00	0.00	0.79	0.00	0.00
1400	0.00	0.00	0.51	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	0.12	0.00	0.08	0.00	0.00
1100	0.00	0.04	0.00	0.00	0.00	0.91	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	0.04	0.00	0.00	0.00	0.00	0.04	0.00
0700	0.00	0.00	0.00	0.16	0.04	0.00	0.24	0.04
0600	0.00	0.39	0.00	0.00	0.28	0.04	0.16	0.08
0500	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00
0300	0.00	0.00	0.00	0.00	0.28	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
09/25/19								
2400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
2200	0.00	0.12	0.00	0.04	0.08	0.00	0.04	0.08
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

NovaStar Statistical Report
G014: Rain Gage Group 14

Gage ID	29400	29500	29700	30000	30300	30500	30600	30700
StatType	rain							
DataType	Precip.							
Units	in.							
09/27/19								
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	0.04	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	0.00
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
09/26/19								
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	0.55
1600	0.00	0.00	0.00	0.00	0.20	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	0.08	0.04	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	0.20	0.12	0.20	0.00	0.00
0600	0.00	0.00	0.08	0.00	0.00	0.04	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	0.04	0.04	0.00	0.04	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
09/25/19								
2400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2300	0.04	0.04	0.00	0.00	0.04	0.04	0.00	0.00
2200	0.00	0.08	0.43	0.28	0.08	0.47	0.00	0.00
2100	0.04	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	0.04	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	0.00	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

**NovaStar Statistical Report
G015: Rain Gage Group 15**

**NovaStar Statistical Report
G016: Rain Gage Group 16**

**NovaStar Statistical Report
G017: Rain Gage Group 17**

**NovaStar Statistical Report
G018: Rain Gage Group 18**

**NovaStar Statistical Report
G019: Rain Gage Group 19**

**NovaStar Statistical Report
G020: Rain Gage Group 20**

NovaStar Statistical Report G021: Rain Gage Group 21

**NovaStar Statistical Report
G022: Rain Gage Group 22**

NovaStar Statistical Report
G023: Rain Gage Group 23

Gage ID	42500	42800	43000	43700	44000	44500	44600	44700
StatType	rain							
DataType	Precip.							
Units	in.							
09/27/19								
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	0.04	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
09/26/19								
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	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.04	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	0.04	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
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	0.04
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	0.24	0.08
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.24	0.00	0.04	0.08	0.12
0500	0.00	0.00	0.00	0.00	0.00	0.24	0.12	0.04
0400	0.00	0.12	0.00	0.00	0.04	0.04	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
09/25/19								
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	0.08	0.00	0.04	0.00	0.00
2100	0.00	0.04	0.00	0.00	0.43	0.24	0.55	0.59
2000	0.00	0.39	0.12	0.00	0.31	0.00	0.00	0.00
1900	0.08	0.00	0.04	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	0.00	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

NovaStar Statistical Report
G024: Rain Gage Group 24

Gage ID	44800	45000	45200	45700	46000	46300	46500	46800
StatType	rain							
DataType	Precip.							
Units	in.							
09/27/19								
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
09/26/19								
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	0.28	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	0.04
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	0.04	0.00	0.04	0.00
0700	0.00	0.04	0.00	0.04	0.00	0.04	0.04	0.04
0600	0.00	0.00	0.31	0.24	0.20	0.04	0.24	0.12
0500	0.28	0.00	0.12	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	0.00	0.00	0.00
09/25/19								
2400	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
2300	0.00	0.00	0.12	0.12	0.12	0.00	0.16	0.00
2200	0.00	0.00	0.39	0.20	0.47	0.16	0.31	0.28
2100	0.00	0.04	0.47	0.00	0.00	0.08	0.00	0.00
2000	0.51	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	0.00	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

NovaStar Statistical Report
G025: Rain Gage Group 25

Gage ID	47000 rain	47500 rain	47700 rain	48300 rain	48500 rain	48800 rain	49000 rain	49200 rain
StatType	Precip. in.							
Units								
09/27/19								
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	0.08	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
09/26/19								
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	0.04	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	0.04	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	0.04	0.00	0.00	0.00
0800	0.00	0.04	0.00	0.20	0.00	0.00	0.08	0.00
0700	0.00	0.04	0.08	0.00	0.00	0.00	0.28	0.31
0600	0.35	0.08	0.08	0.28	0.24	0.12	0.28	0.51
0500	0.04	0.00	0.00	0.04	0.43	0.63	0.00	0.00
0400	0.00	0.00	0.08	0.00	0.00	0.00	0.04	0.04
0300	0.00	0.00	0.00	0.00	0.00	0.04	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
09/25/19								
2400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2300	0.12	0.00	0.04	0.00	0.00	0.00	0.20	0.16
2200	0.67	0.12	0.47	0.00	0.04	0.00	0.51	0.71
2100	0.08	0.12	0.04	0.55	0.24	0.39	0.00	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	0.00	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

NovaStar Statistical Report
G026: Rain Gage Group 26

Gage ID	49500	49700	50000	50300	50500	50800	51000	51200
StatType	rain							
DataType	Precip.							
Units	in.							
09/27/19								
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	0.04	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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
09/26/19								
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	0.04
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16
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	0.04	0.08	0.00	0.04	0.00	0.04	0.04	0.00
0600	0.16	0.00	0.08	0.12	0.12	0.59	0.00	0.16
0500	0.04	0.00	0.04	0.00	0.04	0.04	0.00	0.04
0400	0.00	0.04	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
09/25/19								
2400	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
2300	0.08	0.16	0.08	0.00	0.08	0.08	0.00	0.04
2200	0.20	0.59	0.43	0.35	0.47	0.67	0.35	0.67
2100	0.00	0.00	0.00	0.08	0.08	0.00	0.00	0.31
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	0.00	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

NovaStar Statistical Report
G027: Rain Gage Group 27

Gage ID	51500	51700	52000	52300	52500	52700	52800	53000
StatType	rain							
DataType	Precip.							
Units	in.							
09/27/19								
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
09/26/19								
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	0.16	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
0800	0.04	0.04	0.04	0.04	0.00	0.04	0.04	0.04
0700	0.00	0.04	0.00	0.04	0.08	0.04	0.00	0.00
0600	0.28	0.39	0.51	0.35	0.31	0.35	0.31	0.24
0500	0.12	0.04	0.00	0.00	0.00	0.00	0.12	0.00
0400	0.00	0.04	0.00	0.00	0.00	0.00	0.04	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
09/25/19								
2400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2300	0.04	0.08	0.12	0.24	0.24	0.39	0.08	0.12
2200	0.55	0.83	0.63	0.55	0.47	0.75	0.79	0.51
2100	0.04	0.04	0.00	0.00	0.00	0.00	0.16	0.00
2000	0.00	0.00	0.00	0.00	0.04	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

NovaStar Statistical Report
G028: Rain Gage Group 28

Gage ID	53200	53500	53700	54000	54300	54500	55000	55200
StatType	rain							
DataType	Precip.							
Units	in.							
09/27/19								
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
09/26/19								
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	0.04	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	0.04	0.00	0.00
1200	0.00	0.04	0.00	0.04	0.08	0.00	0.00	0.00
1100	0.00	0.00	0.08	0.28	0.04	0.12	0.00	0.00
1000	0.00	0.00	0.12	0.28	0.04	0.08	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.24	0.08	0.00	0.00
0800	0.00	0.00	0.20	0.00	0.08	0.12	0.00	0.00
0700	0.12	0.08	0.24	0.16	0.39	0.16	0.16	0.04
0600	0.08	0.43	0.20	0.20	0.04	0.00	0.00	0.12
0500	0.00	0.00	0.12	0.00	0.24	0.20	0.04	0.00
0400	0.04	0.04	0.20	0.00	0.00	0.00	0.08	0.00
0300	0.00	0.00	0.00	0.00	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
09/25/19								
2400	0.00	0.00	0.31	0.00	0.43	0.16	0.00	0.00
2300	0.16	0.24	0.16	0.00	0.31	0.12	0.08	0.20
2200	0.43	0.67	0.00	0.04	0.00	0.00	0.47	0.31
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.16	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

**NovaStar Statistical Report
G029: Rain Gage Group 29**

NovaStar Statistical Report G030: Rain Gage Group 30

NovaStar Statistical Report G031: Rain Gage Group 31

NovaStar Statistical Report
G032: Rain Gage Group 32

Gage ID	61000 rain	61200 rain	61500 rain	61700 rain	62000 rain	62200 rain	62300 rain	62500 rain
StatType	Precip. in.							
DataType								
Units								
09/27/19								
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	0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.16	0.31	0.00	0.00	0.00
0400	0.00	0.00	0.08	0.24	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	0.00	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
09/26/19								
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	0.04	0.04
1900	0.00	0.00	0.04	0.08	0.20	0.00	0.35	0.04
1800	0.00	0.04	0.43	0.12	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	0.04	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	0.04	0.00	0.00	0.20	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
09/25/19								
2400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00
2200	0.00	0.00	0.20	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	0.00	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
09/24/19								
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	0.04	0.08	0.04	0.00	0.00	0.00
0300	0.00	0.00	0.00	0.04	0.08	0.00	0.00	0.04
0200	0.04	0.00	0.04	0.04	0.04	0.00	0.08	0.08
0100	0.00	0.04	0.00	0.04	0.08	0.00	0.12	0.12
09/23/19								
2400	0.00	0.00	0.20	0.12	0.04	0.00	0.04	0.00
2300	0.00	0.00	0.00	0.04	0.00	0.00	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	0.04	0.08	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.04	0.35	0.04	0.12	0.04	0.00	0.04	0.12
1800	0.12	0.31	0.16	0.31	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.20	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	0.08	0.43	0.00	0.00	0.00	0.00	0.04	0.04
1400	0.16	0.00	0.04	0.04	0.08	0.00	0.39	0.59
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.20
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.63	0.98
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.04	0.16	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.12	0.35	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.12	0.04	0.00	0.00	0.00	0.00	0.00	0.04
0700	0.00	0.00	0.04	0.00	0.04	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	0.00
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
TOTALS:	0.79	1.81	1.57	1.81	0.94	0.00	2.48	2.32

NovaStar Statistical Report
G033: Rain Gage Group 33

Gage ID	62700	63000	63300	63400	63500	63600	63700	63800
StatType	rain							
DataType	Precip.							
Units	in.							
09/27/19								
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	0.00	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	0.12	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	0.04	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	0.00	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
09/26/19								
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	0.04	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.12	0.04	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.08	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	0.00	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	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.12	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	0.35	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.16	0.04	0.04	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	0.20	0.00	0.00	0.00	0.00	0.00	0.00
0300	0.00	0.00	0.00	0.00	0.12	0.00	0.04	0.00
0200	0.00	0.04	0.00	0.12	0.00	0.04	0.00	0.00
0100	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
09/25/19								
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	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.12
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
09/24/19								
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	0.04	0.00	0.00	0.00	0.04	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	0.00	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	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0100	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00
09/23/19								
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	0.39	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	0.04	0.08	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	1.93	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	0.12	0.00
1500	0.04	0.16	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.16	0.31	0.00	0.00	0.00	0.00	0.00	0.00
1300	1.02	1.34	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.16	0.12	0.00	0.16	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00
1000	0.00	0.35	0.00	0.00	0.00	0.00	0.04	0.00
0900	0.08	0.04	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.04	0.59	0.00	0.00	0.00	1.18	1.38	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.28	0.87	0.00
0600	0.24	0.00	0.04	0.00	0.00	1.10	1.10	0.00
0500	0.00	0.00	0.00	0.00	0.00	0.28	0.20	0.00
0400	0.00	0.00	0.00	0.04	0.28	0.31	0.67	0.00
0300	0.00	0.00	0.00	0.08	0.08	0.24	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
TOTALS:	2.91	4.13	0.24	0.43	2.83	3.50	4.49	0.12

NovaStar Statistical Report

G034: Rain Gage Group 34

NovaStar Statistical Report
G035: Rain Gage Group 35

Gage ID	65900	66000	66200	66500	66700	66800	67000	67300
StatType	rain							
DataType	Precip.							
Units	in.							
09/27/19								
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	0.08	0.00	0.00	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	0.08	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	0.08	0.00	0.00	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	0.00	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
09/26/19								
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	0.43	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.04	0.04	0.00	0.00
1700	0.00	0.00	0.00	0.12	0.04	0.24	0.04	0.12
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	0.08	0.12	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
09/25/19								
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	0.12	0.00	0.12	0.00	0.00
2100	0.00	0.00	0.00	0.08	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

NovaStar Statistical Report G036: Rain Gage Group 36

NovaStar Statistical Report
G037: Rain Gage Group 37

Gage ID	70500	70700	71000	71300	71500	71700	72000	72100
StatType	rain							
DataType	Precip.							
Units	in.							
09/27/19								
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	0.04	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.04	0.00	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
09/26/19								
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	0.08	0.00	0.00	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	0.04	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.04	0.00	0.08	0.00	0.00	0.00	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	0.04	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	0.08
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.04
1200	0.00	0.12	0.00	0.00	0.00	0.00	0.71	0.08
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	0.04	0.00	0.04	0.31	0.55
0800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
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	0.12	0.24
0500	0.00	0.00	0.00	0.12	0.28	0.28	0.16	0.28
0400	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.08
0300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
0200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0100	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
09/25/19								
2400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.08	0.00	0.12	0.04	0.00
2200	0.00	0.12	0.00	0.16	0.24	0.12	0.28	0.43
2100	0.31	0.12	0.00	0.08	0.04	0.24	0.16	0.12
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

NovaStar Statistical Report
G038: Rain Gage Group 38

Gage ID	72200	72500	73000	73200	73300	73400	73500	73800
StatType	rain							
DataType	Precip.							
Units	in.							
09/27/19								
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	0.16	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00
0300	0.00	0.00	0.00	0.00	0.00	0.04	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
09/26/19								
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	0.04	0.04
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	0.20	0.00	0.00	0.51
0900	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.16
0800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04
0600	0.24	0.08	0.04	0.00	0.00	0.00	0.08	0.87
0500	0.12	0.20	0.20	0.00	0.00	0.00	0.12	0.00
0400	0.04	0.04	0.00	0.00	0.00	0.00	0.12	0.00
0300	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
09/25/19								
2400	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00
2300	0.00	0.20	0.00	0.12	0.16	0.04	0.04	0.39
2200	0.20	0.16	0.28	0.00	0.08	0.04	0.24	0.24
2100	0.39	0.08	0.12	0.00	0.31	0.00	0.39	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
09/24/19								
2400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
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	0.04	0.00	0.00	0.00
0400	0.00	0.04	0.28	0.04	0.04	0.04	0.00	0.00
0300	0.00	0.00	0.04	0.04	0.00	0.00	0.00	0.00
0200	0.04	0.08	0.08	0.08	0.00	0.08	0.08	0.00
0100	0.12	0.12	0.04	0.08	0.00	0.12	0.20	0.08
09/23/19								
2400	0.04	0.04	0.16	0.04	0.04	0.00	0.08	0.12
2300	0.00	0.00	0.00	0.00	0.00	0.04	0.04	0.00
2200	0.16	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	0.04	0.04	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	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24
1500	0.00	0.00	0.00	0.00	0.04	0.00	0.04	0.28
1400	0.31	0.35	0.83	0.51	0.94	0.75	0.43	0.20
1300	0.31	0.12	0.00	0.00	0.00	0.08	0.63	0.43
1200	0.28	1.46	0.00	0.08	0.00	0.04	0.24	0.20
1100	0.08	0.00	0.00	0.20	0.00	0.12	1.10	0.08
1000	0.04	0.00	0.00	0.00	0.00	0.00	0.12	0.08
0900	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.04	0.04	0.04	0.12	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
TOTALS:	2.36	2.99	2.20	1.54	1.93	1.50	4.09	4.17

NovaStar Statistical Report G039: Rain Gage Group 39

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
09/24/19								
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	0.04	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	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0400	0.04	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	0.08	0.00	0.00	0.00	0.00	0.00	0.04	0.00
0100	0.16	0.00	0.00	0.00	0.00	0.04	0.00	0.00
09/23/19								
2400	0.04	0.00	0.00	0.00	0.00	0.20	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	0.08	0.04	0.12	0.04
2000	0.00	0.00	0.00	0.08	0.35	0.31	0.59	0.04
1900	0.00	0.00	0.00	0.00	0.35	0.28	0.00	0.28
1800	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.16
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	0.08	0.08	0.47	0.43	0.47	0.43
1400	0.71	0.00	0.00	0.04	0.00	0.00	0.00	0.00
1300	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200	1.89	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	0.00	0.00	0.00	0.00	0.83	0.59	0.12	0.43
0900	0.00	0.00	0.00	0.94	0.12	0.00	1.30	0.28
0800	0.00	0.00	0.31	0.20	0.04	0.16	0.08	0.04
0700	0.00	0.00	1.06	0.47	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	0.04	0.00	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.04	0.04	0.00	0.00	0.00	0.00
0300	0.00	0.08	0.28	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	0.24	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	4.72	0.67	1.85	1.89	2.56	2.13	2.80	1.97

NovaStar Statistical Report G040: Rain Gage Group 40

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
09/24/19								
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	0.04	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	0.04	0.00	0.04	0.00	0.00	0.00
0100	0.04	0.00	0.00	0.04	0.00	0.00	0.00	0.00
09/23/19								
2400	0.00	0.00	0.00	0.00	0.00	0.04	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	0.12	0.00	0.00	0.00	0.16	0.28
2000	0.08	0.00	0.39	0.00	0.00	0.00	0.31	0.28
1900	0.79	0.16	0.08	0.04	0.31	0.00	0.20	0.20
1800	0.59	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	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.20	0.16	0.55	0.28	0.31	1.26	0.39	0.67
1400	0.00	0.16	0.00	0.08	0.08	0.00	0.00	0.00
1300	0.00	0.47	0.00	0.04	0.43	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.87	0.00	0.00
1100	0.08	0.16	0.00	0.12	0.28	0.00	0.00	0.00
1000	0.00	0.24	0.00	0.55	0.35	0.00	0.00	0.00
0900	0.28	0.16	0.87	0.31	0.16	0.00	0.71	1.02
0800	0.00	0.00	0.63	0.00	0.00	0.00	1.54	0.47
0700	0.00	0.00	0.43	0.00	0.00	0.00	0.47	0.24
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
TOTALS:	2.13	1.61	3.31	1.61	2.44	2.44	3.94	3.19

NovaStar Statistical Report

G041: Rain Gage Group 41

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
09/24/19								
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
09/23/19								
2400	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
2300	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
2200	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.31	0.20	0.28	0.08	0.12	0.00	0.00	0.00
2000	0.28	0.39	0.39	0.16	0.55	0.00	0.00	0.00
1900	0.47	0.08	0.35	0.12	0.35	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	0.35	0.28	0.43	0.08	0.63	0.04	0.08	0.04
1400	0.04	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	0.08	0.08	0.04	0.47	0.00	0.00	0.00
0900	1.22	1.46	0.79	0.43	0.35	0.00	0.00	0.00
0800	0.08	0.16	0.04	0.00	0.04	0.00	0.35	0.31
0700	0.04	0.20	0.04	0.00	0.12	1.89	1.02	0.94
0600	0.00	0.00	0.00	0.00	0.00	0.08	0.24	0.24
0500	0.00	0.00	0.00	0.00	0.00	0.24	0.04	0.24
0400	0.00	0.00	0.00	0.00	0.00	0.12	0.04	0.24
0300	0.00	0.00	0.00	0.00	0.00	0.28	0.31	0.12
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
TOTALS:	2.83	3.07	2.44	0.98	2.68	2.76	2.09	2.17

**NovaStar Statistical Report
G042: Rain Gage Group 42**

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
09/24/19								
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	0.04	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00
09/23/19								
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	0.04
2000	0.00	0.04	0.00	0.00	0.12	0.04	0.04	0.08
1900	0.00	0.00	0.00	0.00	0.04	0.16	0.12	0.04
1800	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.39
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.08
1500	0.00	0.00	0.00	0.00	0.55	0.20	0.59	1.06
1400	0.00	0.00	0.00	0.00	0.51	0.71	0.20	0.35
1300	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.04
1200	0.00	0.00	0.04	0.04	0.08	0.04	0.00	0.16
1100	0.00	0.00	0.00	0.00	0.55	0.12	0.16	0.71
1000	0.00	0.00	0.00	0.00	0.63	0.20	0.04	0.35
0900	0.00	0.00	0.00	0.00	0.16	0.16	0.16	0.16
0800	0.59	0.47	0.04	0.00	0.00	0.20	0.00	0.00
0700	0.47	0.94	0.16	0.98	0.00	0.00	0.00	0.00
0600	0.20	0.16	0.08	0.04	0.00	0.00	0.00	0.00
0500	0.04	0.00	0.31	0.28	0.12	0.00	0.00	0.04
0400	0.35	0.08	0.20	0.12	0.00	0.00	0.00	0.00
0300	0.16	0.20	0.39	0.35	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
TOTALS:	1.85	1.89	1.22	1.85	3.23	2.09	1.61	3.90

NovaStar Statistical Report
G043: Rain Gage Group 43

Gage ID	83300	83500	83800	84000	84200	84500	84700	85000
StatType	rain							
DataType	Precip.							
Units	in.							
09/27/19								
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	0.04	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	0.04
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
09/26/19								
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	0.08	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.04	0.12	0.00	0.00	0.00	0.04	0.04	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.20	0.08	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	0.39	0.04	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00
1000	0.00	0.00	0.00	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	0.08	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	0.24	0.04	0.00	0.00	0.00	0.08	0.00
0400	0.00	0.00	0.04	0.16	0.28	0.00	0.20	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
09/25/19								
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	0.28
2100	0.08	0.20	0.00	0.00	0.00	0.20	0.00	0.00
2000	0.20	0.08	0.00	0.08	0.20	0.08	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

NovaStar Statistical Report
G044: Rain Gage Group 44

Gage ID	85500	85800	86200	86500	86700	87000
StatType	rain	rain	rain	rain	rain	rain
DataType	Precip.	Precip.	Precip.	Precip.	Precip.	Precip.
Units	in.	in.	in.	in.	in.	in.
09/27/19						
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	0.00	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	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00
0800	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
0600	0.04	0.08	0.00	0.04	0.00	0.00
0500	0.00	0.00	0.04	0.00	0.08	0.12
0400	0.00	0.00	0.00	0.00	0.04	0.08
0300	0.00	0.00	0.00	0.00	0.47	0.08
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
09/26/19						
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	0.04	0.00	0.04	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	0.00	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	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00
0800	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
0600	0.00	0.00	0.04	0.00	0.00	0.00
0500	0.00	0.04	0.04	0.12	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
09/25/19						
2400	0.00	0.00	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.00	0.04	0.04
2200	0.31	0.31	0.31	0.16	0.12	0.08
2100	0.00	0.00	0.00	0.00	0.04	0.04
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	0.00	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	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00
0800	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
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
09/24/19						
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	0.00	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	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00
0800	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
0600	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.04	0.04	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.12	0.12	0.04	0.04
0300	0.08	0.08	0.08	0.08	0.04	0.04
0200	0.00	0.00	0.00	0.00	0.04	0.04
0100	0.08	0.04	0.04	0.04	0.08	0.08
09/23/19						
2400	0.20	0.31	0.24	0.24	0.20	0.28
2300	0.00	0.00	0.67	0.12	0.08	0.16
2200	0.00	0.00	0.04	0.04	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	0.04	0.00	0.04	0.04	0.08	0.04
1800	0.28	0.08	0.12	0.20	0.16	0.04
1700	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
1500	0.00	0.00	0.00	0.00	0.04	0.00
1400	0.00	0.00	0.12	0.00	0.12	0.08
1300	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
1100	0.00	0.00	0.00	0.00	0.00	0.08
1000	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
0800	0.00	0.04	0.08	0.00	0.00	0.00
0700	0.08	0.00	0.04	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	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
TOTALS:	1.22	1.02	2.05	1.18	1.65	1.30

NovaStar Statistical Report
G045: Rain Gage Group 45

Gage ID	87300	87400	87500	87800	89200	89500
StatType	rain	rain	rain	rain	rain	rain
DataType	Precip.	Precip.	Precip.	Precip.	Precip.	Precip.
Units	in.	in.	in.	in.	in.	in.
09/27/19						
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	0.00	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	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.04	0.00	0.00
0700	0.04	0.04	0.04	0.00	0.00	0.00
0600	0.00	0.00	0.04	0.00	0.04	0.08
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
09/26/19						
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	0.00	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	0.00	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	0.00	0.00	0.04	0.00	0.00	0.00
0800	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
0600	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.04	0.16	0.39	0.08	0.20	0.08
0400	0.00	0.00	0.00	0.31	0.04	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
09/25/19						
2400	0.00	0.00	0.00	0.00	0.00	0.00
2300	0.04	0.00	0.00	0.00	0.00	0.00
2200	0.24	0.20	0.08	0.00	0.12	0.16
2100	0.00	0.04	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	0.00	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	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00
0800	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
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
09/24/19						
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	0.00	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	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00
0800	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
0600	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
0400	0.04	0.00	0.04	0.00	0.04	0.00
0300	0.08	0.04	0.04	0.12	0.04	0.12
0200	0.00	0.04	0.04	0.08	0.00	0.04
0100	0.04	0.04	0.04	0.04	0.16	0.08
09/23/19						
2400	0.71	0.79	0.43	0.24	0.04	0.39
2300	0.00	0.00	0.00	0.00	0.00	0.00
2200	0.08	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	0.04	0.00	0.00
1900	0.04	0.08	0.00	0.00	0.00	0.04
1800	0.08	0.12	0.08	0.00	0.12	0.20
1700	0.00	0.00	0.00	0.00	0.12	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	0.00	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	0.00	0.00
1100	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
0900	0.00	0.00	0.00	0.00	0.16	0.00
0800	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
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
TOTALS:	1.42	1.61	1.26	0.94	1.06	1.18