

OPERATION OF THE IMPERIAL VALLEY WATER AUTHORITY (IVWA) PRECIPITATION NETWORK

Monthly Progress Report for November 2017

December 13, 2017

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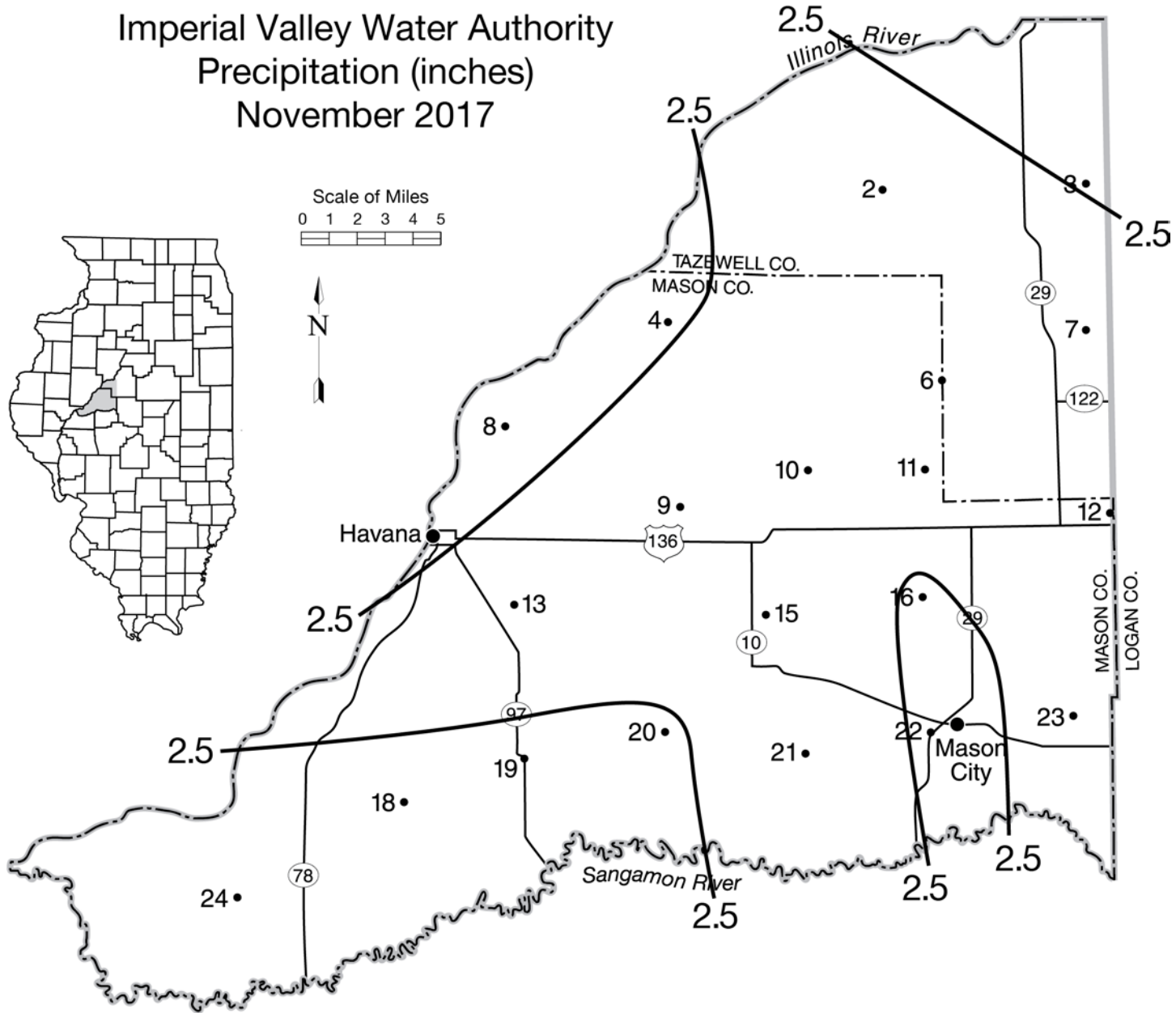
Raingage Network Operations

Dana Grabowski serviced all gages and downloaded the November 2017 digital data on November 30, 2017. During the site visits, Dana weighed the collections and emptied and cleaned all of the buckets. All of the stations were prepared for winter temperatures and snowfall.

Data Analysis

The average network precipitation for November 2017 was 2.60 inches, almost exactly the same as the latest 25-year monthly network average of 2.59 inches, but below the monthly 30-year normal (1981-2010) at Havana and Mason City. The largest monthly gage precipitation totals were in the central portion of the network. The smallest gage totals were along the western and southwestern edges of the network. Monthly gage totals varied 0.70 inches across the network, from 2.24 inches (site #8) north of Havana to 2.94 inches (sites #10 and #12) south of Forest City and near San Jose. The 1981–2010, 30-year average precipitation amounts for November at Havana and Mason City are 3.24 and 3.11 inches, respectively. The November 2017 network average of 2.60 inches is just over 100 percent of the 25-year (1993–2016) IVWA November network average of 2.59 inches.

Imperial Valley Water Authority Precipitation (inches) November 2017



November 2017 Daily and Monthly Precipitation Amounts (inches), Imperial Valley Network

DAY	G 2	G 3	G 4	G 6	G 7	G 8	G 9	G 10	G 11	G 12	G 13	G 15	G 16	G 18	G 19	G 20	G 21	G 22	G 23	G 24
1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4	0.01	----	0.02	0.01	0.01	----	0.04	0.04	0.03	0.01	0.03	0.02	0.02	0.02	----	0.04	0.01	----	----	----
5	0.06	0.08	0.02	0.05	0.04	0.05	0.04	0.01	0.02	0.02	0.02	0.04	0.04	0.04	0.03	0.01	0.02	0.04	----	0.02
6	0.01	0.02	----	----	----	----	0.02	0.03	----	----	0.01	----	----	----	----	----	----	0.01	----	----
7	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
9	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
11	0.01	0.04	----	0.01	----	----	----	----	----	----	----	----	----	0.02	----	0.01	----	0.01	----	----
12	0.14	0.08	0.09	0.10	0.07	0.06	0.06	0.10	0.12	0.07	0.05	0.07	0.04	0.05	0.03	0.01	0.03	0.04	----	0.04
13	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
14	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
15	0.39	0.71	0.47	0.54	0.41	0.60	0.47	0.40	0.39	0.31	0.40	0.45	0.34	0.50	0.40	0.42	0.30	0.27	0.35	0.54
16	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
17	0.15	0.04	0.01	0.02	0.03	----	0.02	0.05	0.01	0.04	----	0.01	0.11	0.01	0.01	0.02	0.02	----	----	----
18	1.86	1.51	1.85	1.90	2.09	1.51	2.16	2.29	2.22	2.49	2.31	2.17	1.88	1.64	1.86	1.93	2.41	2.06	2.22	1.78
19	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
20	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
21	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
22	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
23	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
24	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
26	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
27	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
28	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
29	----	----	----	----	0.01	0.01	----	0.01	----	----	----	0.04	----	0.03	0.01	----	0.02	----	----	----
30	0.01	----	0.01	----	----	0.01	0.01	0.01	----	----	----	0.02	----	----	0.01	0.01	0.01	0.01	----	----
Monthly	2.64	2.48	2.47	2.63	2.66	2.24	2.82	2.94	2.79	2.94	2.82	2.82	2.43	2.31	2.35	2.45	2.82	2.44	2.57	2.38

Network Average = 2.60 Imperial Valley Network