ILLINOIS

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

Monthly Progress Report for October 2025
December 10, 2025

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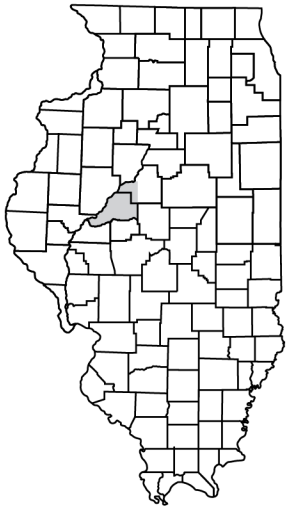
Raingage Network Operations

On November 22, Emily Winfield downloaded the precipitation data for October 2025. The collections were weighed and emptied, and the buckets were tared. Antifreeze was added to each bucket for winterization of the gages. On October 8th an upgraded raingage was deployed at San Jose, Site #12. Precipitation data for gages #9 and #12 are downloaded by modem every hour to an Illinois State Water Survey server. Missing data for gages #6 and #12 were estimated for the month of October.

Data Analysis

The average network precipitation for October 2025 was 1.48 inches, which is well below the 32-year network average of 2.83 inches. This low monthly precipitation followed the lower-than-average precipitation experienced in August and September. Monthly gage totals ranged 1.01 inches across the network, from 1.09 inches at site #21, at the Teheran Tower, southeast of Easton, to 2.10 inches at site #15, north of Easton. The 30-year (1991–2020) average precipitation amounts for the month of October at Havana and Mason City are 3.37 and 3.33 inches, respectively. The October 2025 network average of 1.48 inches represents 52 percent of the 33-year network average for the month of October. The network precipitation deficit for August through October 2025 represents 5.49 inches from the long-term network average. The deficit from average precipitation for January through October 2025 is 8.33 inches.

Imperial Valley Water Authority
Precipitation (inches)
October 2025



October 2025 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	0.25	0.31	0.45	0.29	0.26	0.55	0.38	0.31	0.37	0.31	0.30	0.34	0.43	0.21	0.30	0.31	0.22	0.23	0.19	0.35
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	< 0.01	< 0.01	-	0.01	-	0.01	-	< 0.01	-	-	0.01	0.02	-	0.02	-	-	-	0.01	< 0.01	0.01
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	0.06	0.02	0.03	0.01	0.01	0.05	-	0.02	0.04	0.02	0.03	0.06	0.03	0.04	0.03	-	-	0.05	0.02	0.03
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	0.39	0.76	0.42	0.77	0.77	0.38	0.59	0.77	0.96	0.87	0.76	1.31	0.95	0.65	0.78	0.68	0.51	0.77	0.73	0.43
19	0.18	0.16	0.14	0.17	0.18	0.13	0.14	0.14	0.11	0.15	0.14	0.16	0.20	0.16	0.21	0.21	0.22	0.23	0.20	0.18
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	0.15	0.11	0.08	0.09	0.08	0.07	-	0.02	0.06	0.07	0.02	0.06	0.03	0.10	0.09	0.03	0.02	0.02	0.05	0.18
29	0.19	0.14	0.22	0.14	0.13	0.33	0.22	0.20	0.22	0.18	0.23	0.15	0.14	0.25	0.25	0.12	0.12	0.13	0.12	0.22
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	**1.21**	**1.49**	**1.33**	**1.47**	**1.44**	**1.51**	**1.33**	**1.46**	**1.76**	**1.60**	**1.49**	**2.10**	**1.77**	**1.43**	**1.65**	**1.34**	**1.09**	**1.43**	**1.30**	**1.39**

Imperial Valley Network Average = 1.48 inches The October 2025 network average of 1.48 inches represents 52 percent of the 33-year network average for the month of October. The precipitation deficit from average for January through October 2025 is 8.33 inches.