



PRAIRIE RESEARCH INSTITUTE

Illinois State Water Survey
2204 Griffith Drive
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OPERATION OF THE IMPERIAL VALLEY WATER AUTHORITY (IVWA) PRECIPITATION NETWORK

Monthly Progress Report for March 2026 April 20, 2026

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Raingage Network Operations

Precipitation data for March 2026 was downloaded on April 8 by James Hancock. The collections were weighed and emptied, and the buckets were tared. Precipitation data for gage #9 were downloaded by a modem every hour to an Illinois State Water Survey server. Any missing data for gage #12 are estimated.

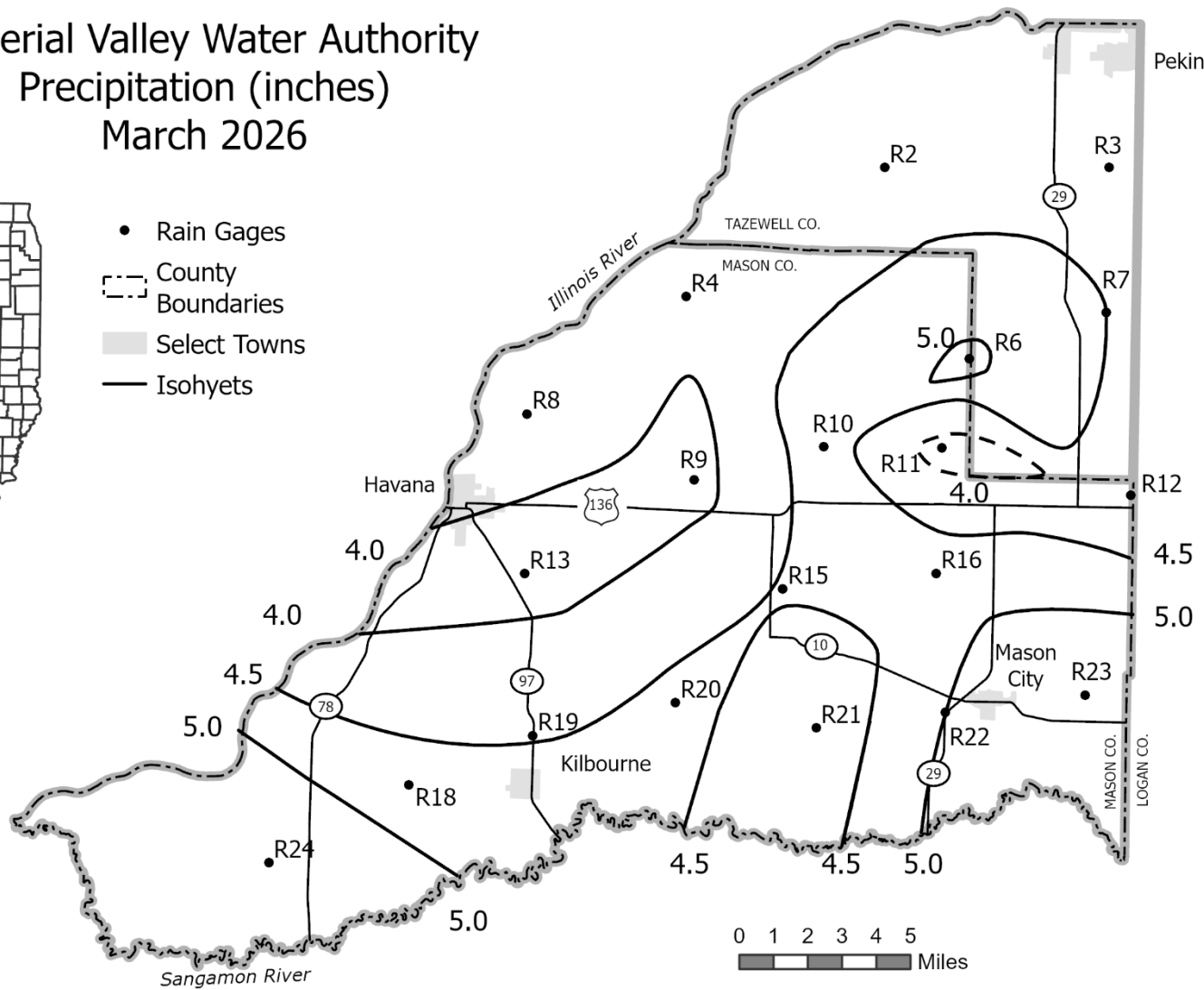
Data Analysis

The average network precipitation for March 2026 was 4.46 inches, which is well above the monthly average of 2.41 inches. This above average monthly precipitation follows seven-months of below average precipitation, which ranged between 32 and 95 percent below average. This March was the 5th wettest March since monitoring began in 1993. The first seven days of the month were characterized by consecutive days of precipitation, accounting for 1.5 to 2 inches of the monthly total precipitation at each site. The remaining precipitation occurred during three separate storm events later in the month. Monthly gage totals ranged 1.65 inches across the network, with 3.74 inches at site #13 near Havana to 5.40 inches at site #24 near Snicarte. The 30-year (1991–2020) average precipitation amounts for the month of March at Havana and Mason City are 2.72 and 2.49 inches, respectively. The March 2026 network average of 4.46 inches represents 185 percent of the 34-year network average for the month of March.

Imperial Valley Water Authority Precipitation (inches) March 2026



- Rain Gages
- - - County Boundaries
- Select Towns
- Isohyets



March 2026 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	0.04	-	-	< 0.01	0.01	0.02	-	-	< 0.01	< 0.01	-	0.06	0.01	0.10	-	< 0.01	-	0.02	0.07	0.16
2	0.12	0.07	0.09	0.13	-	0.09	-	0.09	0.09	0.04	0.06	0.10	0.11	0.12	0.07	0.11	0.01	0.08	0.09	0.17
3	0.83	0.82	1.10	1.11	0.92	1.02	0.93	0.91	0.90	0.91	0.98	1.34	1.43	0.92	1.17	1.16	0.91	1.03	1.03	0.90
4	0.06	0.01	0.04	0.07	0.05	0.10	0.10	0.07	0.11	0.08	0.17	0.14	0.11	0.35	0.28	0.25	0.30	0.24	0.16	0.68
5	0.02	-	0.03	0.02	0.03	0.02	0.02	-	0.04	0.03	0.05	0.02	0.03	0.02	0.02	0.01	0.01	0.03	0.01	-
6	0.13	0.83	0.11	0.51	0.38	0.25	0.72	0.50	0.24	0.31	0.29	0.19	0.16	0.10	0.03	0.06	0.24	0.32	0.62	0.29
7	0.14	0.14	0.14	0.22	0.16	0.20	0.18	0.16	0.14	0.15	0.19	0.15	0.17	0.25	0.19	0.20	0.20	0.22	0.19	0.29
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	< 0.01	0.25	-	-	-	0.01	< 0.01	-	-	0.04	-	0.01	-	-	-	0.08
11	0.99	0.63	0.77	0.86	1.00	0.55	0.67	0.87	0.44	0.72	0.45	0.64	0.64	0.80	0.69	0.74	0.70	0.96	0.93	1.04
12	-	0.02	-	-	0.02	0.01	-	0.02	0.01	0.01	0.01	-	0.01	0.06	0.01	-	< 0.01	-	0.01	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	1.14	0.88	0.81	1.33	0.92	0.82	0.71	1.22	0.95	0.94	0.82	1.01	1.02	0.62	0.89	1.14	0.97	0.95	1.01	0.84
16	0.05	< 0.01	0.03	0.03	0.04	0.10	0.07	< 0.01	0.01	0.02	0.07	-	0.03	0.28	0.11	0.09	0.02	0.03	0.03	0.02
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	0.01	0.01	0.01	-	-	0.01	0.01	-	-	-	-	0.01	0.01	0.05	-	-	-	-	-	-
26	0.52	0.61	0.46	0.37	0.40	0.52	0.25	0.43	0.42	0.41	0.26	0.47	0.54	0.66	0.57	0.66	0.53	0.70	0.70	0.72
27	0.01	0.02	0.06	0.03	0.06	0.08	0.16	0.02	0.04	0.05	0.11	0.06	0.06	0.10	0.12	0.09	0.18	0.09	0.10	0.07
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	0.02	0.04	0.49	0.41	0.53	0.25	0.01	0.47	0.42	0.47	0.29	0.36	0.53	0.17	0.08	0.14	0.06	0.34	0.32	0.14
Total	4.08	4.09	4.13	5.09	4.50	4.26	3.83	4.75	3.81	4.16	3.74	4.55	4.85	4.64	4.23	4.66	4.14	5.00	5.26	5.40

Imperial Valley Network Average = 4.46 inches The average network precipitation for March 2026 was 4.46 inches, which is well above the monthly average of 2.41 inches. This above average monthly precipitation follows seven-months of below average precipitation, which ranged between 32 and 95 percent below average.