



PRAIRIE RESEARCH INSTITUTE

Illinois State Water Survey
2204 Griffith Drive
Champaign, IL 61820

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

**Monthly Progress Report for April 2026
May 15, 2026**

Erin Bauer, Emily Winfield, Mike Krasowski, and Kevin Rennels

Phone: (217) 300-3471; (866) 292-7305 (toll-free); (217) 244-3166; (217) 333-8466

E-mail: ebauer@illinois.edu

Raingage Network Operations

Precipitation data for April 2026 was downloaded on May 5 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.

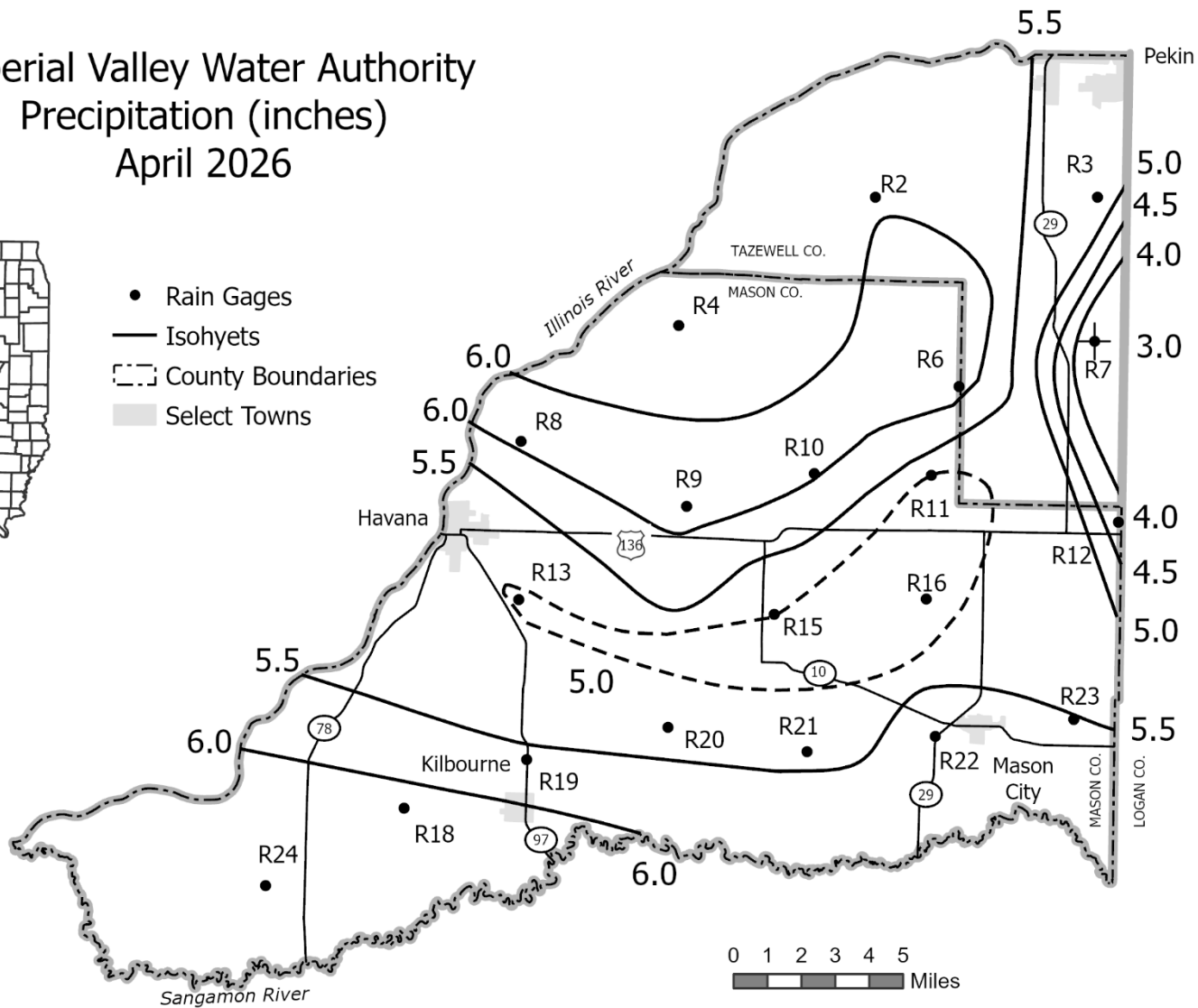
Data Analysis

The average network precipitation for April 2026 was 5.35 inches, which is well above the monthly average of 3.49 inches. This April was the 6th wettest since monitoring began in 1993. Across the network, precipitation was recorded on an average of 14 days (out of 30), or about 47% of the month. Monthly gage totals ranged 3.48 inches across the network, with 3.00 inches at site #7 near Green Valley to 6.49 inches at site #6 west of Forest City. The 30-year (1991–2020) average precipitation amounts for the month of April at Havana and Mason City are 4.22 and 3.73 inches, respectively. The April 2026 network average of 5.35 inches represents 153 percent of the 34-year network average for the month of April.

Imperial Valley Water Authority Precipitation (inches) April 2026



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



April 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	0.90	0.62	1.25	1.41	1.03	1.31	1.43	1.36	1.65	1.34	1.28	1.70	1.72	1.84	1.93	1.52	1.98	1.45	1.85	1.80
2	0.23	0.30	0.16	0.26	0.20	0.21	0.13	0.16	0.26	0.23	0.08	0.25	0.33	0.22	0.10	0.19	0.10	0.20	0.18	0.14
3	0.85	1.56	1.23	1.47	1.01	1.02	1.85	1.78	0.23	0.62	0.64	0.01	0.02	0.16	0.20	0.02	-	< 0.01	-	0.13
4	0.45	0.17	0.39	0.19	0.07	0.18	0.37	0.28	0.02	0.04	0.36	0.12	0.04	0.16	0.16	0.18	< 0.01	0.13	0.07	0.37
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	0.19	-	-	-	-	0.01	-	0.01	< 0.01	0.01	-	0.06	0.09	0.01	0.02	0.02	0.01	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	< 0.01	-	-	0.01	0.02	-
10	0.15	0.05	0.13	0.22	0.18	0.23	0.19	0.15	0.13	0.16	0.07	0.19	0.21	0.19	0.21	0.16	0.13	0.14	0.10	0.24
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	0.04	-	0.02	0.03	0.01	0.03	-	-	0.02	0.01	-	0.03	0.03	0.02	0.04	-	-	0.02	0.06	0.04
13	0.02	0.08	< 0.01	0.06	0.03	0.01	0.01	0.01	< 0.01	0.02	-	0.03	0.01	0.05	0.03	-	0.01	0.03	0.45	0.05
14	0.04	0.07	0.01	0.05	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.03	-	-	0.01	-	-	0.01	0.39	0.04
15	0.43	0.16	0.37	0.26	0.16	0.32	0.20	0.14	0.17	0.17	0.25	0.57	0.43	0.80	0.76	0.70	0.78	1.03	0.50	0.80
16	-	-	-	0.02	0.02	-	0.01	-	-	0.01	-	-	-	-	-	-	-	0.01	0.01	-
17	1.11	0.38	0.94	0.86	0.04	1.16	0.94	0.94	0.72	0.38	0.99	1.02	1.00	1.21	1.33	1.10	0.88	1.25	0.32	1.43
18	0.05	0.06	0.03	0.06	0.11	0.01	0.04	0.04	0.03	0.07	0.02	0.04	0.04	0.03	0.03	0.04	0.07	0.06	0.16	0.05
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01	-
24	0.01	0.08	-	0.02	0.04	0.06	0.01	0.01	-	0.02	-	0.02	0.01	0.06	0.03	0.02	0.10	0.05	0.08	0.04
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	1.57	1.28	1.37	1.52	0.10	1.45	1.02	1.18	0.93	0.51	1.20	0.96	0.91	1.22	1.02	0.99	0.96	1.48	1.33	1.25
28	-	-	-	-	-	-	-	< 0.01	< 0.01	< 0.01	-	0.01	-	0.02	< 0.01	0.02	0.01	-	< 0.01	< 0.01
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	0.09	0.05	0.03	0.06	< 0.01	0.05	-	-	< 0.01	< 0.01	-	0.04	< 0.01	0.03	-	0.01	0.02	0.01	0.05	0.04
31	0.90	0.62	1.25	1.41	1.03	1.31	1.43	1.36	1.65	1.34	1.28	1.70	1.72	1.84	1.93	1.52	1.98	1.45	1.85	1.80
Total	5.94	5.04	5.93	6.49	3.00	6.05	6.22	6.05	4.18	3.59	4.90	5.01	4.82	6.07	5.88	4.96	5.06	5.88	5.56	6.40

Imperial Valley Network Average = 5.35 inches The average network precipitation for April 2026 was 5.35 inches, which is well above the monthly average of 3.49 inches. This April was the 6th wettest since monitoring began in 1993.