



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 February 2026 April 16, 2026

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Raingage Network Operations

Precipitation data for February 2026 was downloaded on March 11 by Mike Krasowski and on March 19 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.

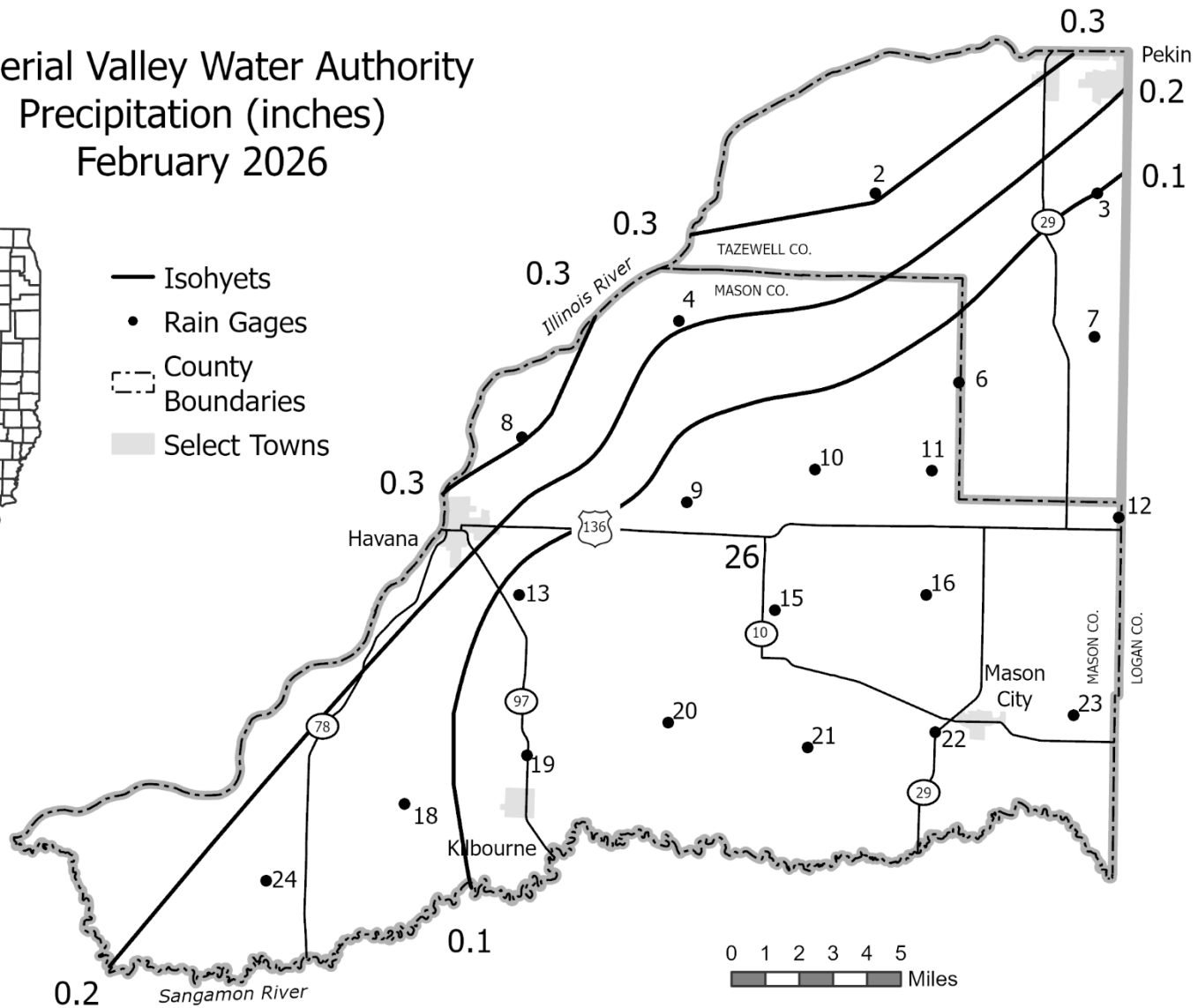
Data Analysis

The average network precipitation for February 2026 was 0.09 inches, which is significantly below the monthly average of 1.72 inches. This February tied with February 2017 as the driest February since monitoring began 1993. Monthly gage totals ranged 0.03 inches across the network, with 0.01 inches at sites #7 near Green Valley and #10, south of Forest City, and 0.31 inches at site #2 near South Pekin and site #8 near Havana. The 30-year (1991–2020) average precipitation amounts for the month of February at Havana and Mason City are 2.18 and 1.96 inches, respectively. The February 2026 network average of 0.09 inches represents 5 percent of the 34-year network average for the month of February.

Imperial Valley Water Authority Precipitation (inches) February 2026



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



February 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	0.01	0.02	-	-	-	0.01	0.01	0.01	-	-	-	-	0.01	0.02	-	-	-	-	-	0.01
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.01
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	< 0.01	< 0.01	0.01	< 0.01	< 0.01	0.01	-	< 0.01	0.01	< 0.01	-	< 0.01	0.01	< 0.01	< 0.01	-	0.01	0.01	0.01	0.01
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	0.01	-	-	-	< 0.01	-	-	-	-	0.02	0.01	0.01	0.08	0.01	-	0.02	0.01	-	0.16
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	0.01	-	-	-	-	-	0.02	-	< 0.01	0.01	-	-	< 0.01	-	-	< 0.01	-	0.01	-	-
17	-	-	-	-	-	< 0.01	-	-	-	-	-	< 0.01	-	-	-	0.01	-	-	-	< 0.01
18	-	-	-	-	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-
19	0.21	0.06	0.19	0.01	-	0.25	-	-	< 0.01	0.01	0.01	0.01	< 0.01	0.01	0.01	0.01	< 0.01	0.01	0.01	0.02
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	0.01	-	-	0.01	-	0.01	-	-	-	-	0.01	-	-	0.01	-	-	0.01	-	-	-
25	0.02	-	-	-	0.01	0.02	-	-	0.01	< 0.01	0.01	-	0.01	0.01	0.01	-	0.01	0.01	0.01	-
26	0.05	0.01	< 0.01	-	-	-	-	-	0.01	0.01	-	-	-	0.01	0.01	-	-	< 0.01	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	0.31	0.10	0.21	0.02	0.01	0.31	0.03	0.01	0.04	0.03	0.05	0.02	0.04	0.14	0.04	0.02	0.06	0.06	0.03	0.20

Imperial Valley Network Average = 0.09 inches The average network precipitation for February 2026 was 0.09 inches, which is significantly below the monthly average of 1.72 inches, making this February tied with February 2017 as the driest February since monitoring began 1993.