ILLINOIS

PRAIRIE RESEARCH INSTITUTE
Illinois State Water Survey
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OPERATION OF THE IMPERIAL VALLEY WATER AUTHORITY (IVWA) PRECIPITATION NETWORK

Monthly Progress Report for August 2026
September 29, 2026

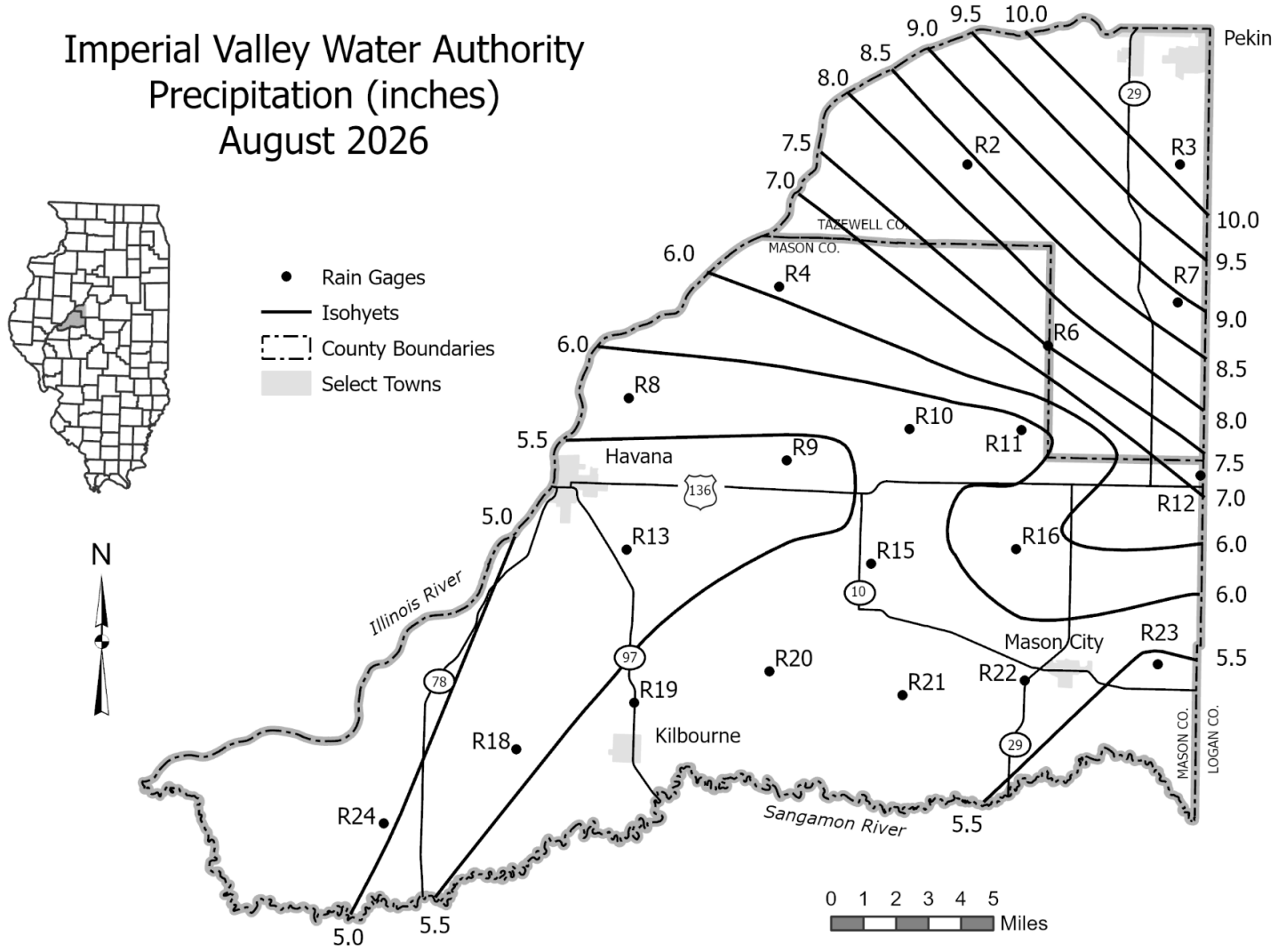
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Raingage Network Operations

Precipitation data for August 2026 were downloaded on September 3rd 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 gages 2, 8, 12, and 21 are estimated.

Data Analysis

The average network precipitation for August 2026 was 6.37 inches, which is well above the monthly average of 3.30 inches. This August was the second wettest August since monitoring began in 1993. Monthly gage totals ranged 5.25 inches across the network, with 4.94 inches at site #24 near Snicarte to 10.19 inches at site #3 near Pekin. The 30-year (1991–2020) average precipitation amounts for the month of August at Havana and Mason City are 4.02 and 3.57 inches, respectively. The August 2026 network average of 6.37 inches represents 193 percent of the 34-year network average for the month of August.


Imperial Valley Water Authority
Precipitation (inches)
August 2026
Rain Gages
Isohyets
County Boundaries
Select Towns
N
Illinois River
Sangamon River
Havana
Kilbourne
Mason City
Pekin
TAZEWELL CO.
MASON CO.
LOGAN CO.
R2
R3
R4
R6
R7
R8
R9
R10
R11
R12
R13
R15
R16
R18
R19
R20
R21
R22
R23
R24
10.0
9.5
9.0
8.5
8.0
7.5
7.0
6.0
6.0
5.5
5.0
5.0
5.5
5.5
6.0
6.0
7.0
7.5
8.0
8.5
9.0
9.5
10.0
0 1 2 3 4 5
Miles

August 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	0.18	0.30	0.06	0.33	0.35	0.10	0.09	0.18	0.22	0.31	0.13	0.49	0.31	0.20	0.13	0.46	0.48	0.43	0.27	0.17
2	-	-	-	-	0.01	-	0.01	-	-	0.08	-	0.03	0.07	-	-	< 0.01	0.02	-	0.16	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	0.09	0.06	0.12	0.10	0.03	0.12	0.16	0.09	0.13	0.05	0.13	0.19	0.14	0.21	0.18	0.19	0.19	0.08	0.07	0.23
6	0.05	0.06	0.05	0.21	0.66	0.05	0.04	0.10	0.46	0.34	0.06	0.29	0.41	0.36	0.43	0.52	0.41	0.07	0.02	0.16
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	0.25	0.29	0.21	0.37	0.21	0.19	0.31	0.31	0.33	0.17	0.17	0.22	0.22	0.10	0.14	0.19	0.20	0.12	0.13	0.07
13	0.74	1.17	0.31	0.13	0.16	0.25	0.23	0.26	0.21	0.34	0.19	0.20	0.40	0.03	0.06	0.15	0.17	0.33	0.51	0.11
14	2.38	2.93	1.83	2.03	2.82	1.56	0.79	0.83	1.19	2.32	1.29	1.52	1.60	2.57	2.20	2.41	1.97	2.25	1.82	1.71
15	4.36	5.37	3.35	2.92	3.87	2.96	2.93	2.85	2.67	2.60	2.57	1.86	2.10	1.65	1.58	1.23	1.55	1.18	1.32	1.82
16	0.03	0.02	0.04	0.25	0.02	0.18	0.56	0.48	0.26	0.20	0.31	0.27	0.85	0.19	0.23	0.21	0.24	0.43	0.38	0.49
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	0.30	0.01	0.60	1.15	0.74	0.47	0.16	0.59	0.28	0.72	0.35	0.51	0.16	-	0.53	0.54	0.52	0.81	0.70	0.01
20	0.01	-	0.02	0.03	0.01	0.04	0.03	0.02	0.02	0.02	0.07	0.03	0.02	0.10	0.12	0.07	0.05	0.05	0.04	0.17
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	**8.39***	**10.19**	**6.59**	**7.51**	**8.88**	**5.93***	**5.31**	**5.71**	**5.77**	**7.14***	**5.26**	**5.60**	**6.29**	**5.41**	**5.61**	**5.98**	**5.79***	**5.75**	**5.41**	**4.94**

Imperial Valley Network Average = 6.37 inches The average network precipitation for August 2026 was 6.37 inches, which is well above the monthly average of 3.30 inches. This August was the second wettest August since monitoring began in 1993. Note: * includes estimated data.