ILLINOIS

PRAIRIE RESEARCH INSTITUTE
Illinois State Water Survey
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Champaign, IL 61820

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

Monthly Progress Report for July 2026
August 12, 2026

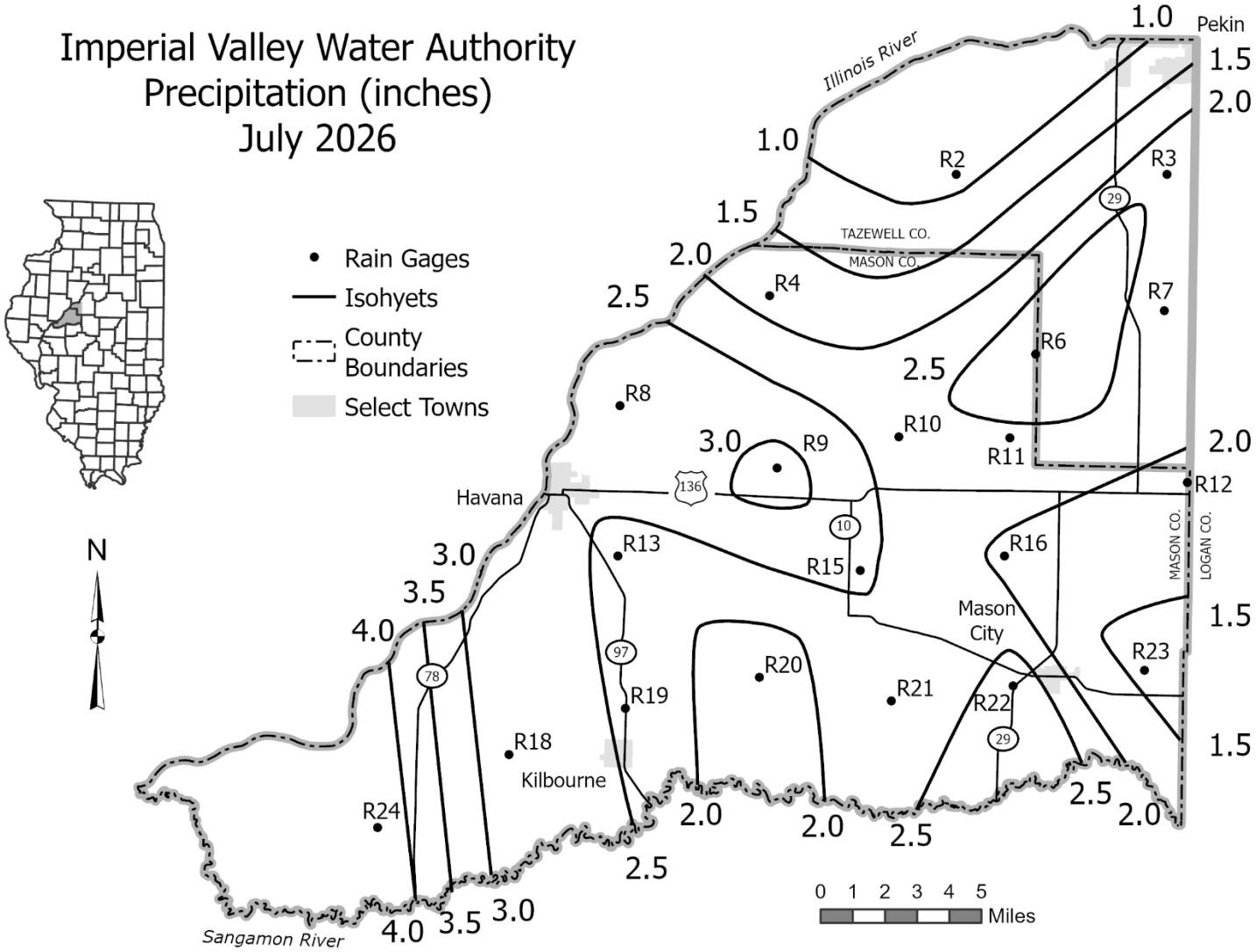
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Raingage Network Operations

Precipitation data for July 2026 was downloaded on August 4 and 6 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 #3, #12, and #21 are estimated.

Data Analysis

The average network precipitation for July 2026 was 2.30 inches, which is well below the monthly average of 3.92 inches. This July was the 7th driest July since monitoring began in 1993 and was preceded by the 2nd wettest June on record in the valley. Monthly gage totals ranged 3.41 inches across the network, with 0.8 inches at site #2 near Pekin to 4.21 inches at site #24 near Snicarte. The 30-year (1991–2020) average precipitation amounts for the month of July at Havana and Mason City are 4.18 and 5.14 inches, respectively. The July 2026 network average of 2.30 inches represents 59 percent of the 34-year network average for the month of July.


Imperial Valley Water Authority
Precipitation (inches)
July 2026
Rain Gages
Isohyets
County Boundaries
Select Towns
N
Illinois River
Pekin
TAZEWELL CO.
MASON CO.
Havana
Kilbourne
Mason City
MASON CO.
LOGAN CO.
Sangamon River
R2
R3
R4
R6
R7
R8
R9
R10
R11
R12
R13
R15
R16
R18
R19
R20
R21
R22
R23
R24
1.0
1.5
2.0
2.5
3.0
3.5
4.0
136
10
29
97
78
0 1 2 3 4 5
Miles

July 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	0.37	0.19	-	-	-	0.04	-	-	-	-	0.31	-	-	0.39	0.21	0.07	0.04	-	-	0.70
4	0.21	0.73	0.17	1.07	1.24	0.61	1.80	0.88	1.27	0.74	1.39	1.29	0.75	1.45	0.74	0.75	1.02	0.57	0.24	2.24
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	< 0.01	< 0.01	-	0.04	-	0.07	-	0.05	0.05	< 0.01	-	< 0.01	< 0.01	< 0.01	-	-	< 0.01	< 0.01	< 0.01	-
10	-	< 0.01	-	0.67	0.01	-	-	0.02	0.35	0.01	-	0.06	< 0.01	0.15	< 0.01	0.02	0.04	0.02	-	0.57
11	-	0.10	-	0.04	0.19	0.02	0.01	0.04	0.05	0.18	0.02	0.10	0.10	0.14	0.13	0.15	0.12	0.18	0.16	0.19
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	0.02	-	0.11	0.01	0.01	0.03	0.46	0.11	0.02	0.09	< 0.01	0.67	0.57	0.25	0.58	0.20	0.43	1.47	0.17	0.14
19	0.02	0.02	0.03	0.01	0.01	0.03	0.02	0.03	0.02	0.02	0.01	0.01	0.02	0.03	0.06	0.02	0.02	0.01	0.03	-
20	< 0.01	-	0.08	0.12	-	0.12	0.07	0.06	0.06	0.04	0.05	0.13	0.10	0.11	0.11	0.09	0.11	0.09	0.09	0.06
21	0.02	0.03	0.01	0.04	-	0.01	0.01	0.02	0.02	< 0.01	0.02	0.01	0.01	0.01	0.03	0.02	0.02	0.01	0.01	0.01
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	0.02	0.01	-	0.02	-	0.01	-	< 0.01	-	-	-	0.01	0.01	0.02	-	0.01	0.01	-	-	-
25	0.02	-	0.01	< 0.01	-	0.02	0.01	0.01	-	0.01	0.01	0.03	-	0.05	0.01	0.01	0.02	-	0.01	0.08
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	0.01	-	-	0.05	-	0.16	-	0.07	0.01	0.06	-	-	0.04	-	-	0.14	0.07	< 0.01	0.13	-
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	0.10	1.32	1.37	0.93	0.81	1.07	0.85	0.92	0.56	0.65	0.60	0.28	0.28	0.25	0.39	0.22	0.25	0.39	0.50	0.23
Total	**0.80**	**2.39**	**1.77**	**2.99**	**2.27**	**2.17**	**3.23**	**2.19**	**2.39**	**1.80**	**2.41**	**2.58**	**1.89**	**2.85**	**2.25**	**1.70**	**2.14**	**2.73**	**1.33**	**4.21**

Imperial Valley Network Average = 2.30 inches The average network precipitation for July 2026 was 2.30 inches, which is well below the monthly average of 3.92 inches. This July was the 7th driest July since monitoring began in 1993 and was preceded by the 2nd wettest June on record in the valley.