ILLINOIS

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

Monthly Progress Report for October 2026
November 11, 2026

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Raingage Network Operations

Precipitation data for October 2026 were downloaded on November 2nd 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 precipitation data for gages 12 and 21 during October were estimated.

Data Analysis

The average network precipitation for October 2026 was 0.95 inches, which is well below the monthly average of 2.79 inches. Monthly gage totals ranged 1.02 inches across the network, with 0.30 inches at sites #2 and #3 near South Pekin to 1.32 inches at site #6 southwest of Green Valley. October 2026 was the 4th driest October since monitoring began in 1993. The 30-year (1991–2020) average precipitation amounts for the month of October at Havana and Mason City are 2.73 and 2.78 inches, respectively. The October 2026 network average of 0.95 inches represents 34 percent of the 35-year network average for the month of October.

Imperial Valley Water Authority
Precipitation (inches)
October 2026



Rain Gages
Isohyets
County Boundaries
Select Towns

N

Illinois River
Pekin
TAZEWELL CO.
MASON CO.
Havana
Mason City
Kilbourne
Sangamon River
MASON CO.
LOGAN CO.

R2
R3
R4
R6
R7
R8
R9
R10
R11
R12
R13
R15
R16
R18
R19
R20
R21
R22
R23
R24

1.0
1.0
1.0
1.0
1.0
1.0

29
136
10
97
78
29

0 1 2 3 4 5
Miles

October 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	0.27	0.16	0.37	0.42	0.32	0.41	0.40	0.34	0.40	0.56	0.54	0.57	0.62	0.53	0.54	0.72	0.64	0.64	0.80	0.70
2	< 0.01	< 0.01	< 0.01	< 0.01	-	0.01	-	< 0.01	-	0.02	0.02	0.01	0.01	0.04	0.03	0.01	< 0.01	0.01	0.04	0.02
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	< 0.01	0.01	0.05	0.02	-	0.03	0.01	0.01	-	< 0.01	0.02	0.02	0.02	0.01	< 0.01	-	0.01	0.01	< 0.01	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	0.03	0.01	0.01	< 0.01	-	0.01	-	< 0.01	0.07	0.12	0.12	0.01	0.02	-	0.06	-	-	-
14	0.01	0.12	0.43	0.67	0.39	0.72	0.32	0.57	0.40	0.28	0.35	0.46	0.29	0.20	0.28	0.22	0.34	0.14	0.18	0.18
15	0.01	-	0.01	0.02	-	0.01	0.01	-	0.01	0.01	-	0.01	0.01	-	0.01	-	0.01	0.02	0.01	< 0.01
16	-	0.01	-	0.01	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-	-	0.04
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	0.01	< 0.01	0.02	0.17	-	0.04	-	0.03	0.01	0.06	0.01	0.09	0.03	0.04	0.08	0.03	0.06	0.45	0.13	0.14
31	-	-	-	-	-	-	-	-	< 0.01	-	0.01	< 0.01	0.01	-	0.02	-	< 0.01	0.01	-	-

Total	**0.30**	**0.30**	**0.91**	**1.32**	**0.71**	**1.23**	**0.74**	**0.98**	**0.82**	**0.93***	**1.02**	**1.28**	**1.10**	**0.84**	**0.98**	**0.97**	**1.12***	**1.27**	**1.16**	**1.08**

Imperial Valley Network Average = 0.95 inches The average network precipitation for October 2026 was 0.95 inches, which is below the monthly average of 2.79 inches. Note: * includes estimated data.