Othello WA (Mid Basin)

Daily water* (in.) use averaged across 10 years (2015-2025)

Emergence Date: 5/1**

Vine Kill/Harvest Date: 9/15

Day of month	May	June	July	August	Septemeber
1	0.09	0.12	0.35	0.36	0.25
2	0.09	0.13	0.34	0.37	0.25
3	0.09	0.14	0.32	0.35	0.25
4	0.10	0.14	0.37	0.34	0.24
5	0.07	0.16	0.37	0.32	0.27
6	0.09	0.16	0.35	0.33	0.22
7	0.10	0.17	0.35	0.31	0.23
8	0.10	0.16	0.36	0.35	0.21
9	0.11	0.15	0.36	0.34	0.23
10	0.11	0.16	0.36	0.30	0.21
11	0.10	0.19	0.33	0.33	0.19
12	0.10	0.18	0.35	0.33	0.19
13	0.10	0.21	0.36	0.33	0.20
14	0.11	0.18	0.38	0.31	0.17
15	0.10	0.19	0.39	0.30	0.17
16	0.08	0.15	0.36	0.32	
17	0.08	0.18	0.37	0.33	
18	0.09	0.19	0.36	0.34	
19	0.10	0.20	0.34	0.33	
20	0.10	0.24	0.35	0.32	
21	0.08	0.22	0.38	0.30	
22	0.09	0.26	0.36	0.32	
23	0.11	0.26	0.36	0.27	
24	0.10	0.27	0.37	0.32	
25	0.10	0.32	0.36	0.27	
26	0.10	0.31	0.34	0.28	
27	0.11	0.31	0.34	0.28	
28	0.11	0.34	0.34	0.30	
29	0.12	0.29	0.36	0.28	
30	0.12	0.34	0.38	0.29	**Season Total**
31	0.11		0.39	0.25	**33.5**

* Ten-year average daily water use values of measured evapotranspiration from weather data collected from Ag Weather Net Hatton weather station using AWN Water Use Model

** If emergence date differs from above date, shift the values to aline with a specific emergence date.

Although this table closely reflects estimated daily crop water demand, it should be used only as a guide for irrigation management decisions and not as a substitute for in-field observations.

Washington State University Potato Research Group
J. Meeuwsen, M. Pavek, Z. Holden, R. Garza, and V. Cantu