



Waverly Water Update October 2024








U.S. Drought Monitor

[Current](#) [Maps](#) [Data](#) [Summary](#) [About](#) [Conditions & Outlooks](#) [Ag in Drought](#) [En Español](#) [NADM](#)

Map released: Thurs. October 3, 2024

Data valid: October 1, 2024 at 8 a.m. EDT

Intensity

-  None
-  D0 (Abnormally Dry)
-  D1 (Moderate Drought)
-  D2 (Severe Drought)
-  D3 (Extreme Drought)
-  D4 (Exceptional Drought)
-  No Data

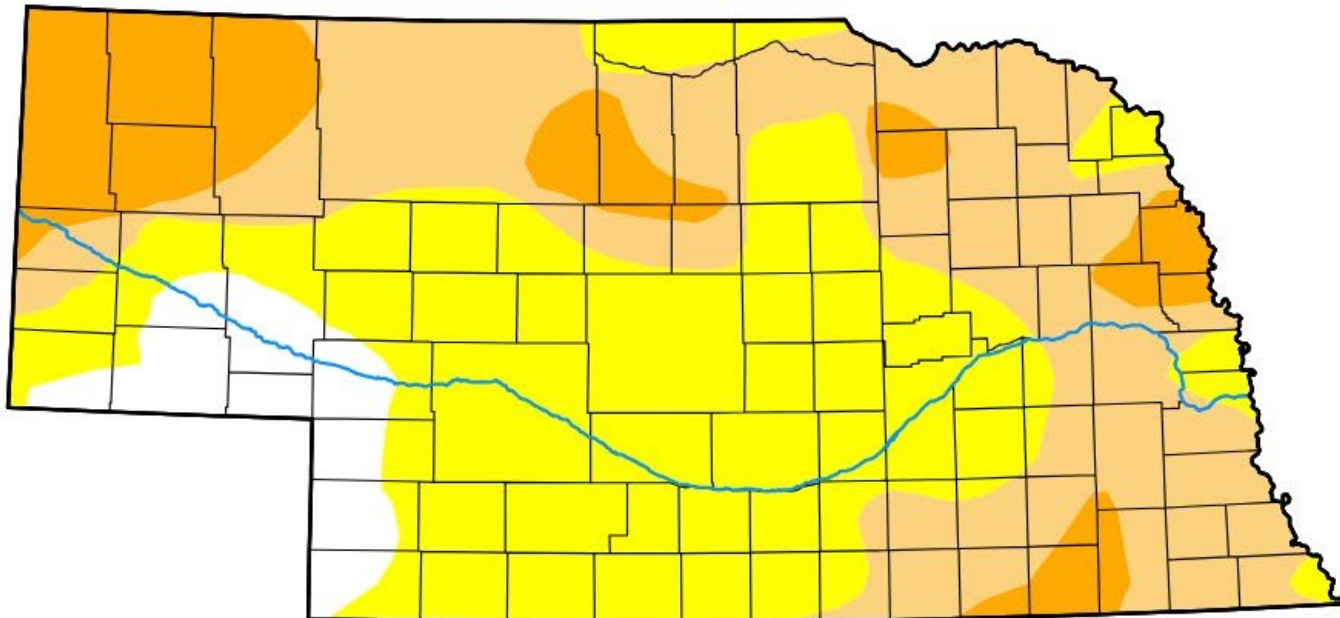
Authors

United States and Puerto Rico Author(s):

[Richard Tinker](#), NOAA/NWS/NCEP/CPC

Pacific Islands and Virgin Islands Author(s):

[Denise Gutzmer](#), National Drought Mitigation Center



We had the SCADA controls changed to customized which wells run each day of the week, rather than rotating 4 wells one day and 4 the next. Now we have a seven-day schedule to custom program each day.

Test wells RFPs have been set out and once that firm is chosen, we will send out bids to have the test holes and test wells drilled, then moving forward with additional capacity of production wells can be decided on where, how many, budgeting, engineering, land and ROW access, and construction of additional wells or wellfields can take place.

The 2023 drought was in comparison to the 1936 drought and is not typical climatological for this region. Waverly was not the only city to see static levels drop in 2023 as region wide static levels dropped and was not unique only to Waverly. Several other cities that are on water restrictions now include Bennet, and Auburn just announced water restrictions this week.

Currently we are at 22.96 inches of precipitation for the year Jan-Sept 2024 compared to last year at 18.84 in. Jan-Sept 2023, however we have not had an inch of rain since August 1, 2024, and received only 0.20 inches since then.

However Static water levels remain on the low end historically.

Water use

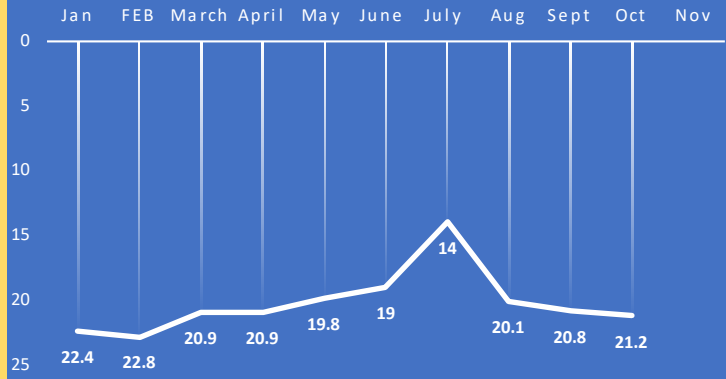
All wells monthly total	12,849,314	11,939,898	13,268,481	18,093,805	30,387,370	34,230,812	20,758,649	19,475,559	17,856,184
2023	January	February	March	April	May	June	July	August	September
Daily average	414,494	426,425	428,016	603,127	980,238	1,141,027	669,634	628,244	595,206
All wells monthly total	13,090,611	12,600,434	13,794,359	17,760,450	17,914,132	20,925,582	24,307,450	26,113,443	27,917,243
2024	January	February	March	April	May	June	July	August	September
Daily average	422,278	434,498	444,979	592,015	577,875	697,519	784,111	842,369	930,575

2024 we have used 4.4 million gallons less than the same time of 2023. Last month we where 15.2 million gallons less than last year.

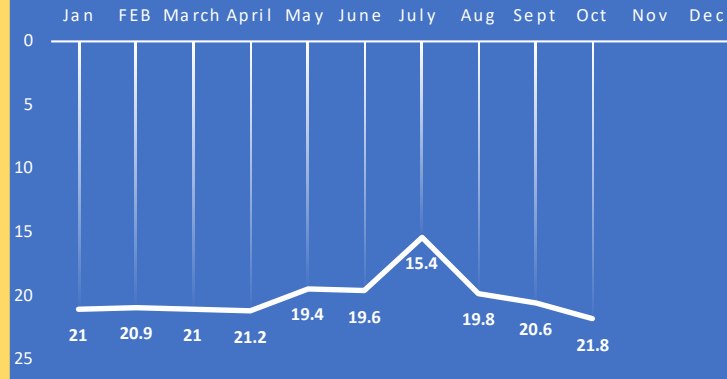
Our daily average continues to increase, with September using the most water so far at almost 28 million gallons.

										as of July 2	as of Aug 11	as of Sept 8	as of Oct 8		
Pumping Levels distance from shutoff points															
Well	Speed	Jan	FEB	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec		
4	100%	4.7	5.9	6.8	7.2	5.5	5.5	11	5.7	5.6	5.4				
5	94%	1.1	1.5	3	3	3	3.2	6.2	2.4	1.4	0.8				
6	83%	0.8	12.7	10	9.4	9.1	9.4	10.3	9.1	8.6	9.9				
7										6.4	5.3				
8	100%	9.2	9.2	9.1	8.8	6.3	8.2	6.8	5	6.6	6.5				
9	85%	4.1	6.5	7.1	7.1	11.4	14.9	16	14.2	15.2	14.8				
10	100%	19.7	18.3	18.1	18.2	19.8	17.4	20.1	18.3	18.2	17.9				
11	85%	22.2	11.5	11.5	11.3	11.4	10.7	11.6	9.9	10.3	10.1				
Precip. Inches	22.96	0.95	0.51	1.09	3.42	4.78	3.28	7.23	1.5	0.2	0				
										as of July 2	as of Aug 11	as of Sept 8	as of Oct 8		
Static Levels- Water distance from ground level															
Well		Jan	FEB	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec		
4		22.4	22.8	20.9	20.9	19.8	19	14	20.1	20.8	21.2				
5		21	20.9	21	21.2	19.4	19.6	15.4	19.8	20.6	21.8				
6		80	79.9	79.7	81.1	81.2	81.8	81.1	82.5	82.7	82.5				
7										64.1	64.7				
8		73.8	74.3	73.3	73.8	73.9	74.4	74.1	75.2	75.4	75.2				
9		104.8	104.7	102	102	102.8	103.7	102.9	105	104.9	105				
10		85	85.9	85.9	86.2	86.9	87.8	86.2	88.5	88.9	88.8				
11		98	101.5	98.1	99.3	99.1	99.6	98.9	101	100.7	101				
Precip. Inches	22.96	0.95	0.51	1.09	3.42	4.78	3.28	7.23	1.5	0.2	0				

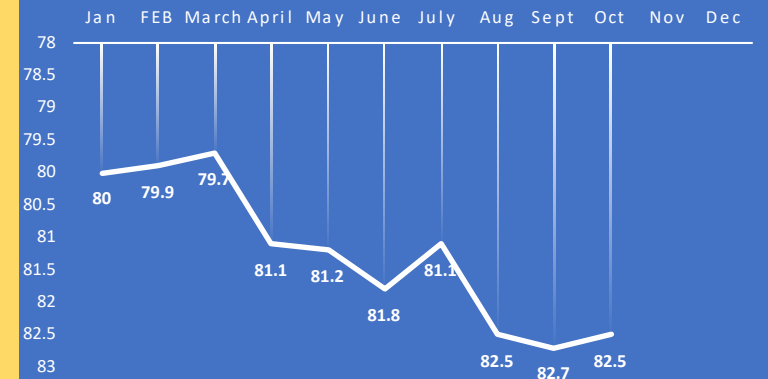
WELL #4 STATIC LEVELS 2024



WELL #5 STATIC LEVELS 2024



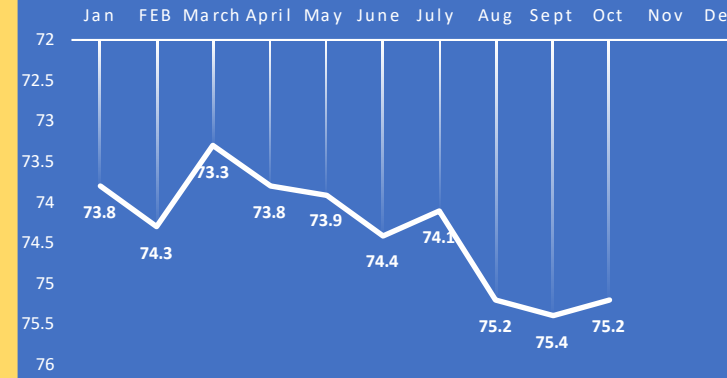
WELL #6 STATIC LEVELS 2024



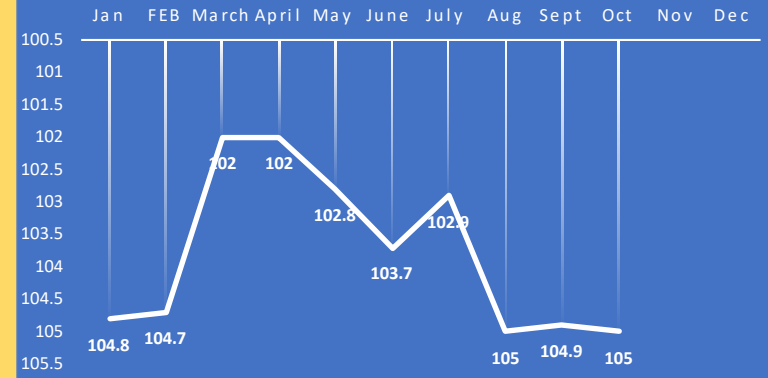
WELL #7 STATIC LEVELS 2024



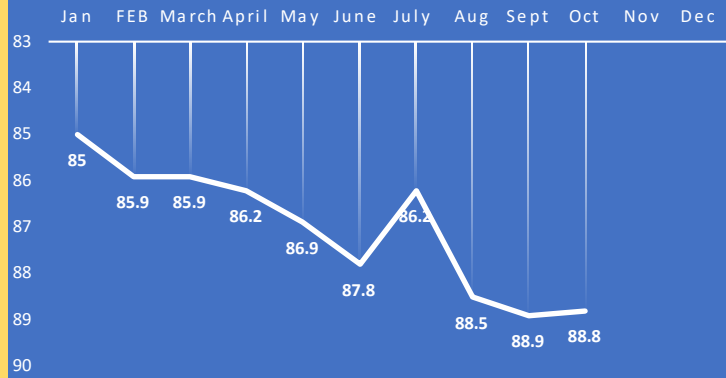
WELL #8 STATIC LEVELS 2024



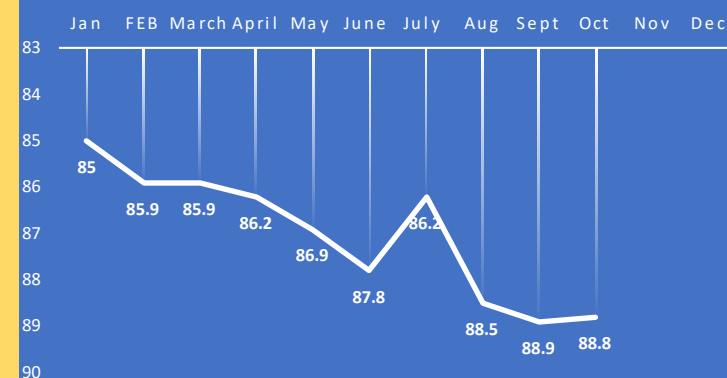
WELL #9 STATIC LEVELS 2024



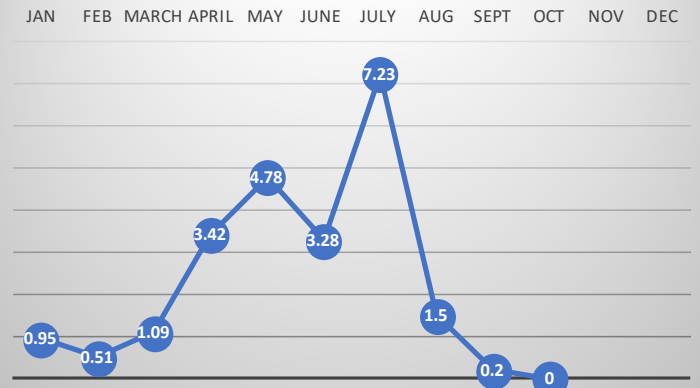
WELL #10 STATIC LEVELS 2024



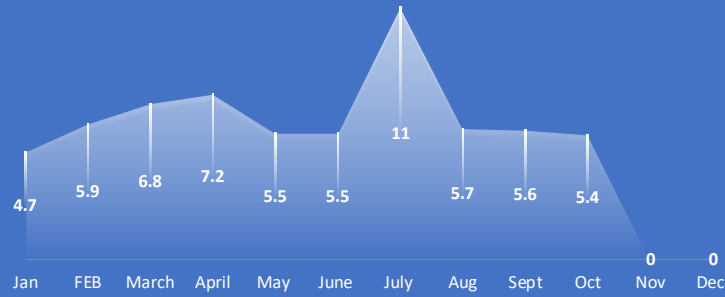
WELL #11 STATIC LEVELS 2024



Precipitation 2024



WELL # 4 PUMPING LEVEL TO SHUTOFF



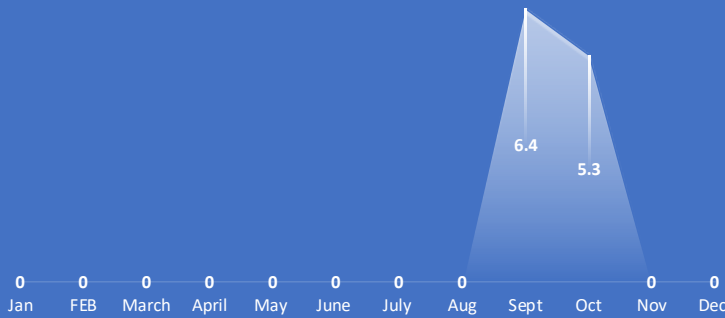
WELL # 5 PUMPING LEVEL TO SHUTOFF



WELL # 6 PUMPING LEVEL TO SHUTOFF



WELL # 7 PUMPING LEVEL TO SHUTOFF



WELL # 8 PUMPING LEVEL TO SHUTOFF



WELL # 9 PUMPING LEVEL TO SHUTOFF



WELL #10 PUMPING LEVEL TO SHUTOFF



WELL # 11 PUMPING LEVEL TO SHUTOFF

