

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	YEAR
2023	1.32	1.29	0.63	0.59	0.51	4.53	5.61	3.76					18.24
2022	0.28	0.03	1.96	3.05	5.27	3.73	2.57	0.55	0.97	0.61	0.26	0.64	19.92
2021	1.53	0.79	5.23	1.74	2.55	4.46	1.73	3.41	0.64	4.04	0.49	0.25	26.86
2020	1.29	0.13	1.67	0.88	5.09	3.15	5.73	1.27	1.62	0.40	1.20	1.20	23.63
2019	0.75	1.59	2.65	1.13	7.29	4.38	4.08	2.79	3.40	4.69	0.79	2.57	36.11
2018	0.41	0.74	2.71	0.67	2.23	8.83	1.35	4.35	7.13	2.71	1.19	3.32	35.64
2017	1.10	0.55	1.62	3.55	6.29	7.35	5.99	3.38	1.85	4.90	0.07	0.38	37.03
2016	0.83	0.76	0.93	4.37	5.42	0.58	4.67	3.83	3.38	1.86	0.65	1.62	28.90
2015	0.91	0.93	0.77	1.99	10.90	7.66	2.39	3.78	4.93	0.50	1.98	4.42	41.16
2014	0.24	0.62	0.13	3.50	5.26	5.90	0.51	7.54	6.89	2.46	0.47	1.22	34.74



Driest Year	Precipitation (in)	Rank
1936	14.09	1
1890	14.81	2
1895	15.94	3
1894	16.14	4
1934	17.23	5
1953	17.55	6
1976	17.90	7
1955 2023	18.17 18.24	8
1988	18.37	9
1887	18.52	10



June 2023 average daily use 1,113,000 gallons per day Peak use was June 20,2023 at 1.6 million gallons Total June gallons used was 33 million gallons

July 2023 average daily use 667, 818 gallons per day Peak use was July 27,2023 at 1.03 million gallons Total gallons used was 20 million gallons

August 2023 average daily use 621,744 gallons per day Peak use was August 19,2023 at 1.04 million gallons Total gallons used was 19.2 million gallons

Sept 2023	>
Total Gallons	
Per Day	
463,517	
516,500	
1,042,059	Sat
1,042,700	Sun
592,409	.2" rain
411,200	
541,785	
523,200	.15" rain
469,516	
948,500	Sat
748,471	.1" rain Sur
369,500	
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Well 4 static 2022 - Aug 2023



Well 4 Static level has improved ^o since its low on August 10,2023

Pumping level at its latest reading is at 46.1 feet. It has decreased from its peak on August 20, 2023 at 47.8 feet, so an improvement of 1.7 feet in pumping level.

Pumping level is 1.9 feet above shutoff.

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Well Pumping levels have improved a little since the August 22,2023 presentation

Well 4 was pumping at 0.2 feet above shutoff, now at 1.9 feet above shutoff

Well 5 is about the same was at 1.4, now at 1.2 feet above shutoff

Well 6 slight improvement, from 0.6 feet, now at 0.8 feet above shutoff

Well 8 was pumping at 6.4 feet, now at 7.2 feet above shutoff

Well 9 was pumping at 2.7 feet, now at 3.3 feet above shutoff

Well 10 was at 20.1 feet, now at 20.5 feet above the shutoff

Well 11 was at 4.1 feet, now at 4.2 feet above the shutoff

This is probably due to the 2.24 inches of rain we received on August 26, 2023

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- 1. Olsson Engineering is currently analyzing the water Watch, Warning, and Emergency Triggers. Their recommendation is scheduled by the end of September.
- 2. Choosing a firm to update the water and sewer rate table for the next 5 years.
- 3. Choosing a firm to update the water transfer permit with the Nebraska Department of Natural Resources.
- 4. Choosing a firm to do an analysis of additional water sources.

Other nearby water sources

• Develop another wellfield in the Camp Creek watershed.

• Use an injection well or wells to recharge the aquifer with water from Camp Creek, Salt Creek, or City of Lincoln.

- Build a water treatment plant to pull water from Salt Creek directly or use a nearby well field, and or Camp Creek and treat existing well water, in a combination to supply more water.
- Build a reservoir or series of smaller lakes in the watershed near our wells or future wellfield to hold water to help recharge the aquifer in time of drought.
- Again, these are just ideas at this point, and we have proposed in the upcoming budget to fund this research.

