

BOARD OF PUBLIC WORKS

CITY OF AUBURN, NE
ELECTRIC, WATER & WASTEWATER SERVICES

BOARD MEMBERS

Charles Knipe
Richard L. Wilson
Dr. Michael Zaruba
David Grant
Phil Shaw



GENERAL MANAGER

Ray Luhring

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DROUGHT CONTINGENCY PLAN UPDATE

April 1, 2025

With spring upon us and rainfall at a minimum during winter season, it is time to remind customers that the ground has not had ample opportunity to recharge. The result is a continued drought situation. The Board of Public Works has maintained a full reservoir despite the challenges presented.

The long-term search for an additional water source never ends. Active research with NRD mapping and test drilling is ongoing and with rain levels under average for five years, the recharge has been minimal. It has been determined that local options are unavailable, and the committee has now begun the process of reaching outside of the BPW area to find a supplemental water source for times when drought conditions exist.

BPW has been able to maintain the reservoir level of 22'. The customers have contributed to this stability, but if the water usage rises, it will be difficult to maintain. A drop in reservoir levels would require implementation of the short-term plan which includes trucking water into our system. This is costly and will affect rates if needed on a long term basis.

Stage 3 Drought Contingency Protocol is still in place. Non-essential water usage is necessary until the area receives enough rainfall to recharge our water sources.

The Board of Public Works continues working diligently to make sure water levels remain stable. We continue to provide data with daily readings on the number of gallons pumped, pumping times, and reservoir levels. This will keep the public informed of current conditions. See the City of Auburn website at <https://auburn.ne.gov> for updates.

If you have questions about the status of any of our activities, please contact the BPW and we are happy to provide you with statistics of rainfall, well levels and daily monitoring of the water pumped. All systems are actively monitored, and data is kept on file permanently. The reservoir holds 1.5 million gallons of water and has not dropped below the normal levels. This is due to the implementation of the plan and the collaboration of the members of the Auburn and Peru communities' reduction in use.

We appreciate all efforts for conserving usage until levels return to normal.

Alan Slater
Water/Wastewater Manager

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Auburn Board of Public Works - Updated Daily readings

Date	Total # of Gallons pumped	Auburn plant GPM pumped	Total # of hours pumped	# of Gallons pumped Auburn	# of Gallons pumped Peru	GPM Pumped Peru	# of hours pumped Peru
10/17/2024	624,558	600	17.34	498,695	125,863	90	23.30
10/18/2024	424,698	600	11.79	354,226	,70,472	90	13.05
02/24/2025	753,200	600	20.92	632,588	120,612	90	22.34
02/25/2025	550,251	600	15.28	476,689	73,562	90	13.62
02/26/2025	499,481	600	13.87	382,412	117,069	90	21.68
02/27/2025	483,334	600	13.43	374,364	108,970	90	20.18
02/28/2025	389,935	600	10.83	288,261	101,674	90	18.83
03/01/2025	597,278	600	16.59				
03/02/2025	444,008	600	12.33				
03/03/2025	454,298	600	12.62	381,929	72,369	90	13.4
03/04/2025	566,087	600	15.72	443,687	122,400	90	22.7
03/05/2025	524,072	600	14.55	418,639	105,433	90	19.52
03/06/2025	535,007	600	14.86	439,806	95,201	90	17.62
03/10/2025	411,283	600	11.42	319,144	92,139	90	17.06
03/11/2025	456,440	600	12.67	358,190	98,250	90	18.19
03/12/2025	365,446	600	10.15	286,625	78,821	90	14.59
03/13/2025	383,292	600	10.65	314,110	69,182	90	12.81
03/14/2025	553,483	600	15.37	460,776	92,707	90	17.16
03/17/2025	452,873	600	12.58			90	
03/18/2025	470,188	600	13.06	355,136	115,052	90	21.30
03/19/2025	414,701	600	11.52	330,962	83,739	90	15.50
03/20/2025	553,078	600	15.36	445,917	107,161	90	19.84
03/21/2025	418,361	600	11.62	301,530	116,831	90	21.63
03/24/2025	499,517	600	13.87	427,506	72,011	90	13.33
03/25/2025	541,349	600	15.04	418,678	122,671	90	22.72
03/26/2025	525,074	600	14.6	406,146	118,928	90	22.02
03/27/2025	409,172	600	11.37	292,833	116,339	90	21.54
03/28/2025	381,983	600	10.61	267,095	114,888	90	21.27
03/29/2025	626,477	600	17.4	508,306	118,171	90	21.28
03/30/2025	342,639	600	9.52	274,937	67,712	90	12.54
03/31/2025	340,348	600	9.45	221,103	119,245	90	22.08
04/01/2025	445,096	600	12.36	325,817	119,279	90	22.09

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Reservoir levels							
03/16/2025	22'	Full		03/27/2025	22'	Full	
03/17/2025	22'	Full		03/28/2025	22'	Full	
03/18/2025	22'	Full		03/31/2025	22'	Full	
03/21/2025	22'	Full		04/01/2025	22'	Full	
03/24/2025	22'	Full					
03/25/2025	22'	Full					

Pumping well levels are monitored by measuring water levels above the top of screens in the well when the well is running. Normal water levels run 15-20 feet above the screens. The following data shows the amount of water measured above the screens.

	Well 1	Well 2	Well 3	Well 4	Well 5	Well 6	Well 11	Well 13	Well 19	Well 20
10/22/2024	9'	9'	2'	1'	6.5'	5'	5'	16'	2'	1'
02/24/2025	14'	11'	10'	8'	8'	7'	6'	11'	4'	4.5'
02/25/2025	14'	11'	10'	8'	7'	8'	9'	11'	4'	4.5'
02/26/2025	14'	11'	10'	8'	7'	8'	9'	11'	4'	4.5'
02/27/2025	14'	11'	10'	8'	7'	8'	9'	11'	4'	4.5'
02/28/2025	14'	11'	10'	8'	7'	8'	9'	11'	4'	4.5'
03/03/2025	14'	11'	10'	8'	7'	8'	9'	11'	4'	4.5'
03/04/2025	14'	11'	10'	7'	6'	8'	9'	11'	5'	4'
03/07/2025	14'	11'	10'	7'	6'	8'	9'	11'	5'	4'
03/10/2025	14'	11'	10'	7'	6'	8'	9'	11'	5'	4'
03/11/2025	14'	11'	10'	7'	6'	8'	9'	11'	5'	4'
03/12/2025	14'	11'	10'	7'	6'	8'	9'	11'	5'	4'
03/14/2025	14'	11'	10'	7'	6'	8'	9'	11'	5'	4'
03/17/2025	15.7'	12'	10'	8'	7'	9'	9'	12'	5'	5'
03/18/2025	15'	12'	9'	8'	6'	8'	9'	12'	5'	5'
03/21/2025	15'	12'	9'	8'	6'	8'	9'	12'	5'	5'
03/24/2025	15'	12'	9'	8'	6'	8'	9'	12'	5'	5'
03/25/2025	15'	12'	9'	7'	6'	7'	9'	12'	5'	4.5'
03/26/2025	15'	12'	9'	7'	6'	7'	9'	12'	5'	4.5'
03/27/2025	15'	12'	9'	7'	6'	7'	9'	12'	5'	4.5'
03/28/2025	14'8"	11'	7'4"	7'	5'	6'8"	8'	11'	4'5"	4'
03/31/2025	15'	11'	7'4"	7'	3' 7.5"	6'6"	8'	11'	4'	4'
04/01/2025	15'	11'	7'4"	7'	3' 7.5"	6'6"	8'	11'	4'	4'