

# 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

Phone: (402) 274-4981 Office  
(402) 274-3316 After Hour  
(402) 274-4991 Fax

## DROUGHT CONTINGENCY PLAN UPDATE November 20, 2024

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.

Rain has finally started showing recharge in the wells. Five wells are below 5' pumping levels. The following data is provided by the Water Department.

Total Rainfall for the Year to date 30.192, Average for the year is 34".  
River levels came up gauge height, feet 2.33 ft to 3.21 ft.  
From November 14<sup>th</sup> to November 20<sup>th</sup> Discharge cubic feet per second 65.4 to 208.  
Well pumping levels have improved by about 1'.

BPW appreciates the community support and is committed to maintaining the most efficient use of resources available.

Alan Slater  
Water/Wastewater Manager

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Auburn Board of Public Works  
Updated Daily readings – Drought Contingency November 20, 2024

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
10/22/2024	409,107	600	11.36	324,139	84,968	90	15.73
10/23/2024	413,176	600	11.47	341,795	71,381	90	13.21
10/24/2024	299,645	600	8.32	173,959	125,686	90	23.27
10/25/2024	444,982	600	12.36	383,898	61,084	90	11.31
10/26/2024	354,695	600	9.85	286,097	68,598	90	12.70
10/27/2024	360,111	600	10	276,802	83,309	90	15.42
10/28/2024	421,204	600	11.7	337,917	83,287	90	15.43
10/29/2024	404,510	600	11.2	312,014	92,496	90	14.60
10/30/2024	391,971	600	10.9	281,915	110,056	90	20.40
10/31/2024	434,318	600	12.06	346,321	87,997	90	16.29
11/01/2024	329,459	600	9.15	257,206	72,253	90	13.38
11/02/2024	340,720	600	9.45	273,232	67,488	90	12.49
11/03/2024	408,901	600	11.35	328,698	80,203	90	14.85
11/04/2024	375,600	600	10.43	273,036	102,564	90	19.0
11/05/2024	437,087	600	12.14	376,666	60,421	90	11.19
11/06/2024	466,726	600	12.96	367,367	99,359	90	18.40
11/07/2024	428,869	600	11.91	351,471	77,398	90	14.33
11/08/2024	391,962	600	10.88	324,525	67,437	90	12.48
11/09/2024	222,639	600	6.18	215,911	64,728	90	11.99
11/10/2024	448,388	600	12.25	357,488	90,900	90	16.84
11/11/2024	527,605	600	14.65	434,787	92,818	90	17.20
11/12/2024	354,951	600	9.85	287,568	67,383	90	12.47
11/14/2024	435,851	600	12.10	320,372	115,479	90	23.85
11/15/2024	387,454	600	10.76	263,767	123,684	90	22.90
11/16/2024	496,603	600	13.79	385,977	110,626	90	20.40
11/17/2024	350,192	600	9.72	287,559	62,633	90	11.59
11/18/2024	428,129	600	11.89	360,559	67,570	90	12.51
11/19/2024	427,531	600	11.87	306307	121,224	90	22.44
11/20/2024	439,829	600	12.21	377,787	62042	90	11.48

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Reservoir level	Level	Status					
11/10/2024	22'	Full					
11/11/2024	22'	Full					
11/12/2024	22'	Full					
11/14/2024	22'	Full					
11/15/2024	22'	Full					
11/17/2024	22'	Full					
11/18/2024	22'	Full					
11/19/2024	22'	Full					
11/20/2024	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'
10/23/2024	9'	9'	2'	1'	6.5'	5'	5'	16'	2'	1'
10/24/2024	9'	9'	2'	1'	6.5'	5'	5'	16'	2'	1'
10/28/2024	9'	9'	1'	1'	6.5'	5'	5'	14.5'	2'	1'
10/29/2024	9'	9'	1'	1'	6.5'	5'	5'	14.5'	2'	1'
10/30/2024	9'	9'	1'	1'	6.5'	5'	5'	14.5'	2'	1'
10/31/2024	9'	9'	1'	1'	6.5'	5'	5'	14.5'	2'	1'
11/01/2024	9'	9'	1'	1'	6.5'	5'	5'	14.5'	2'	1'
11/02/2024	9'	9'	1'	1'	6.5'	5'	5'	14.5'	2'	1'
11/03/2024	9'	9'	1'	1'	6.5'	5'	5'	14.5'	2'	1'
11/04/2024	9'	9'	2'	1'	6.5'	5'	5'	16'	2'	1'
11/05/2024	10'	11'	4'	2'	7'	7'	5'	17.5'	2'	2'
11/06/2024	10'	11'	4'	2'	7'	7'	5'	17.5'	2'	2'
11/07/2024	10'	11'	4'	2'	7'	7'	5'	17.5'	2'	2'
11/08/2024	10'	11'	4'	2'	7'	7'	5'	17.5'	2'	2'
11/11/2024	9'	10'	3'	2'	9.75'	5'	5'	13'	2'	2'
11/12/2024	12'	10'	4'	3'	10.75'	6'	5'	13'	2'	2'
11/14/2024	12'	10'	3'	3'	5'	5'	5'	13'	2'	2'
11/15/2024	12'	10'	3'	3'	5'	5'	5'	13'	2'	2'
11/18/2024	12'	10'	3'	3'	5'	5'	5'	13'	2'	2'
11/19/2024	12'	10'	3'	3'	5'	5'	5'	13'	2'	2'
11/20/2024	14'	10'	4'	3'	6'	5'	4'	14'	4'	3'