

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

November 8, 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.

The wells and reservoir continue to remain stable. Maintaining these levels allows us to continue providing water from local resources. BPW appreciated 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 8, 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 |
|-----------------|---------------------------|-------------------------|-------------------------|----------------------------|--------------------------|-----------------|------------------------|
| 10/04/2024 | 498,382 | 700 | 11.90 | 388,420 | 109,962 | 125 | 14.00 |
| 10/11/2024 | 553,499 | 700 | 13.17 | 437,736 | 115,763 | 125 | 15.43 |
| 10/14/2024 | 438,876 | 700 | 10.45 | 358,446 | 80,430 | 125 | 10.72 |
| 10/15/2024 | 354,855 | 600 | 9.85 | 294,643 | 60,212 | 125 | 8.03 |
| 10/16/2024 | 390,963 | 600 | 10.86 | 309,918 | 81,045 | 125 | 10.80 |
| 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 |
| 10/19/2024 | 337,799 | 600 | 9.83 | 260,692 | 77,107 | 90 | 14.27 |
| 10/20/2024 | 410,961 | 600 | 11.41 | 307,671 | 103,290 | 90 | 19.12 |
| 10/21/2024 | 398,248 | 600 | 11.06 | 306,048 | 92,200 | 90 | 17.07 |
| 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 |
| Reservoir level | Level | Status | | | | | |
| 10/25/2024 | 22' | Full | | | | | |
| 10/26/2024 | 22' | Full | | | | | |

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| | | | | | | | |
|------------|-----|------|--|--|--|--|--|
| 10/27/2024 | 22' | Full | | | | | |
| 10/28/2024 | 22' | Full | | | | | |
| 10/29/2024 | 22' | Full | | | | | |
| 10/30/2024 | 22' | Full | | | | | |
| 10/31/2024 | 22' | Full | | | | | |
| 11/01/2024 | 22' | Full | | | | | |
| 11/02/2024 | 22' | Full | | | | | |
| 11/03/2024 | 22' | Full | | | | | |
| 11/04/2024 | 22' | Full | | | | | |
| 11/05/2024 | 22' | Full | | | | | |
| 11/06/2024 | 22' | Full | | | | | |
| 11/07/2024 | 22' | Full | | | | | |
| 11/08/2024 | 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 |
|------------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| 10/21/2024 | 9' | 9' | 2' | 1' | 6.5' | 5' | 5' | 16' | 2' | 1' |
| 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' |
| | | | | | | | | | | |
| | | | | | | | | | | |