



Little Blue Natural Resources District

100 East 6th #100 • Davenport, NE 68335 • (402) 364-2145

lbndr@littlebluenrd.org • <https://littlebluenrd.org>

2021 Fall Static Water Levels

Kevin Orvis

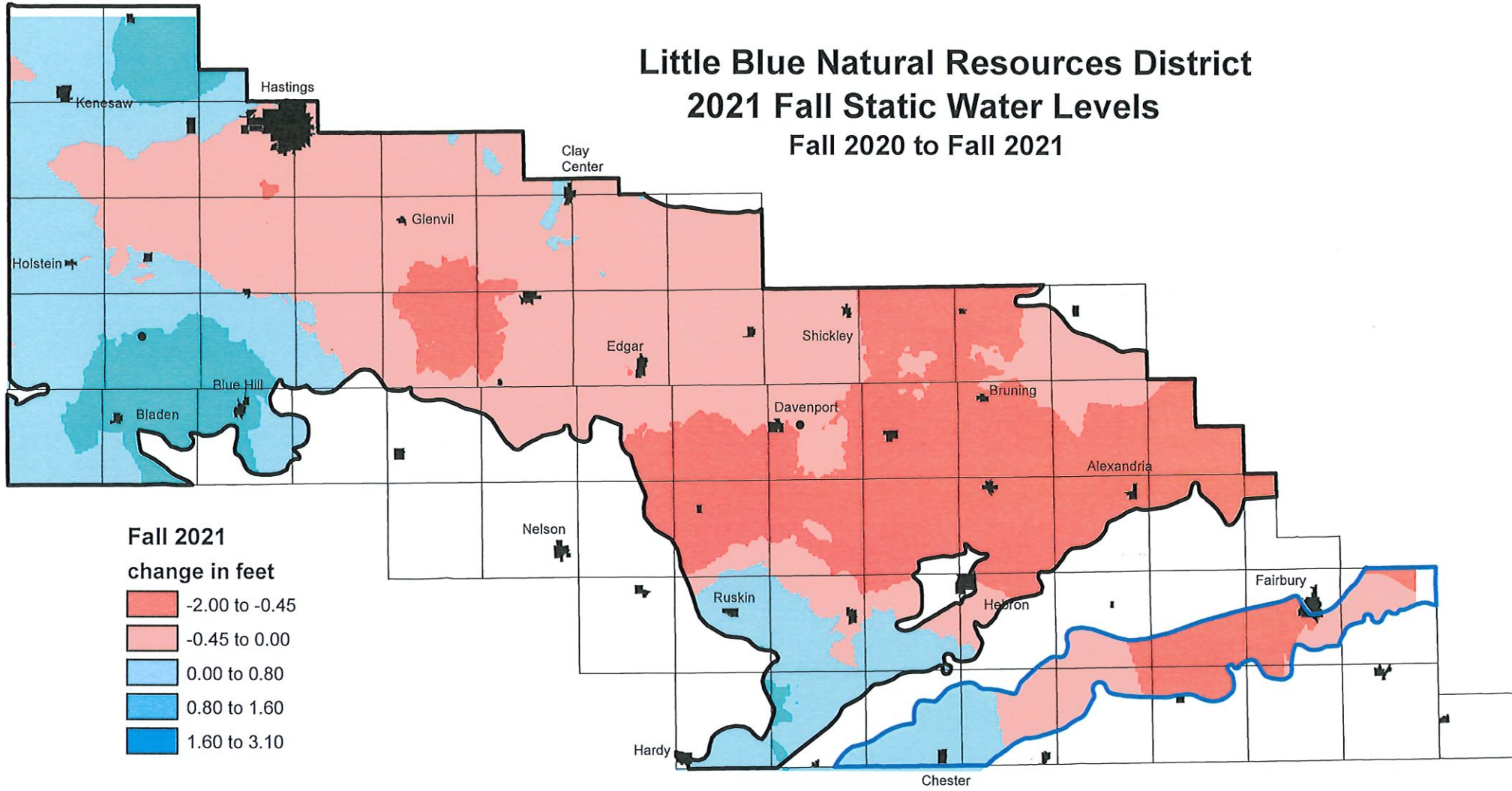
Fall 2021 water levels show a decline in both Geologic Areas 1 and 2. Area 1 being a weighted average decline of -0.48, and Area 2 has a weighted average decline of -0.24. Most of the geographic area of the District saw a decrease from 0 to -2.0 feet. There were clusters of wells around Blue Hill, Chester, and between Kenesaw and Hastings that experienced rises of between 0 to 1.60 feet. Some were up by 3 feet, but only a couple. They did not influence the shading on the color change map

In Geologic Area 1, the greatest decline was -3.63 feet in a well by Oak. The greatest rise was +3.10 feet in a well by Ruskin. Even though the high and low ranged about the same above and below “0”, 65% of the wells measured were lower than last spring.

In Geologic Area 2, there was a decline of -3.45 feet in a well by Fairbury, while another well near Fairbury had a rise of +1.87 feet. Eighty percent of the wells in Area 2 were down, most clustered right in that 0.00 to -0.45 range.

This information compares the fall of 2020 to the fall of 2021 water levels. Spring 2022 data will be collected beginning in April and will compare water levels to spring of 2020.

Little Blue Natural Resources District 2021 Fall Static Water Levels Fall 2020 to Fall 2021



Fall 2021
change in feet

- 2.00 to -0.45
- 0.45 to 0.00
- 0.00 to 0.80
- 0.80 to 1.60
- 1.60 to 3.10

- Geologic Area 1 -0.48
- Geologic Area 2 -0.24