Natural Resources Districts: Statewide Water Management

Nebraska's 23 Natural Resources Districts (NRDs) are uniquely positioned to manage the conservation of the state's natural resources through local governance. Because of Nebraska's diverse geology, climatology, and hydrology, each NRD – and it's locally elected board of directors – are able to enact rules, regulations, and programs that can assist its District's citizens and protect local natural resources for future generations to share. Water management regulations include allocating groundwater, augmenting surface water, requiring flow meters, instituting well drilling moratoriums, requiring water use reports, and restricting the expansion of irrigated acres. Individual NRDs use these regulations in different combinations and to different degrees depending on their respective geographic areas of concern. Below is a map showing all 23 NRDs and their most recent status of water management techniques.







14-16

14-16

Precipitation varies dramatically across the state ranging from 14" to 16" a year in the Panhandle to 34"-36" a year in the most southeastern portion of Nebraska. Therefore, allocation amounts, along with historic water use, take precipitation into consideration.

Allocation: 13"-14"/1 year, in sub-areas Flow Neters: Yes, for all irrigation wells by 1/1/2018 and for all new high-capacity wells Well Drilling Moratorium: No, but limited irrigated acre development Required Water Use Reports: Yes, for all District-required flow meters Rainfall Yearly Average: 26"-30"
Allocation: No Flow Meters: Yes, in sub-areas by March 2025 Well Drilling Moratorium: No, but limited irrigated acre development Required Water Use Reports: No Rainfall Yearly Average: 30"-32"
Allocation: Yes, varies by sub-area Flow Meters: Yes, in sub-areas Well Drilling Moratorium: Yes, in sub-areas Required Water Use Reports: Yes, in sub-areas Rainfall Yearly Average: 26"-30"
Allocation: 21"/3 years; 9"/year maximum, in NW sub-area Flow Meters: Yes, on all NRD-permitted wells Well Drilling Moratorium: No, but restrictions on irrigated acres in NW sub-area Required Water Use Reports: Yes Rainfall Yearly Average: 28"-30" Allocation: No Flow Meters: Yes, all new wells & replacement wells Well Drilling Moratorium: No; well permit ranking Required Water Use Reports: No, NRD reads flow meters Rainfall Yearly Average: 34"-36"
Allocation: No Flow meters: Yes, on new wells Well Drilling Moratorium: Yes Required Water Use Reports: Yes, for all district-required flow meters Rainfall Yearly Average: 28"-30"
07/3 years, 45% years by 1/1/2016 Yes 8″
nk/5 years

NRDs Are Managing Water Statewide:

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So why does this matter to you? Quite simply, Nebraska's NRDs are working to ensure that you and future generations can continue to share in the use and enjoyment of our natural resources. Nebraska's NRDs: Protecting Lives, Protecting Property, and Protecting the Future...

NRD GROUNDWATER QUALITY REGULATIONS ACROSS NEBRASKA



In reference to Phase I, II, III and IV areas, NRDs utilize trigger points signifying specific levels of nitrate in groundwater through monitoring well testing. These triggers are put in place to protect the drinking water supply. Trigger points may vary within the individual NRD boundary, but are relative to the safe drinking water standards mandated federally. A district may have all, none, or part of its districts designated as Phase I, II, III and IV areas, or any combination. The higher the Phase, the more implementation of management efforts for protection is required. It is best to consult with your local NRD to identify with their programs. The phases listed here are only the phases currently triggered.