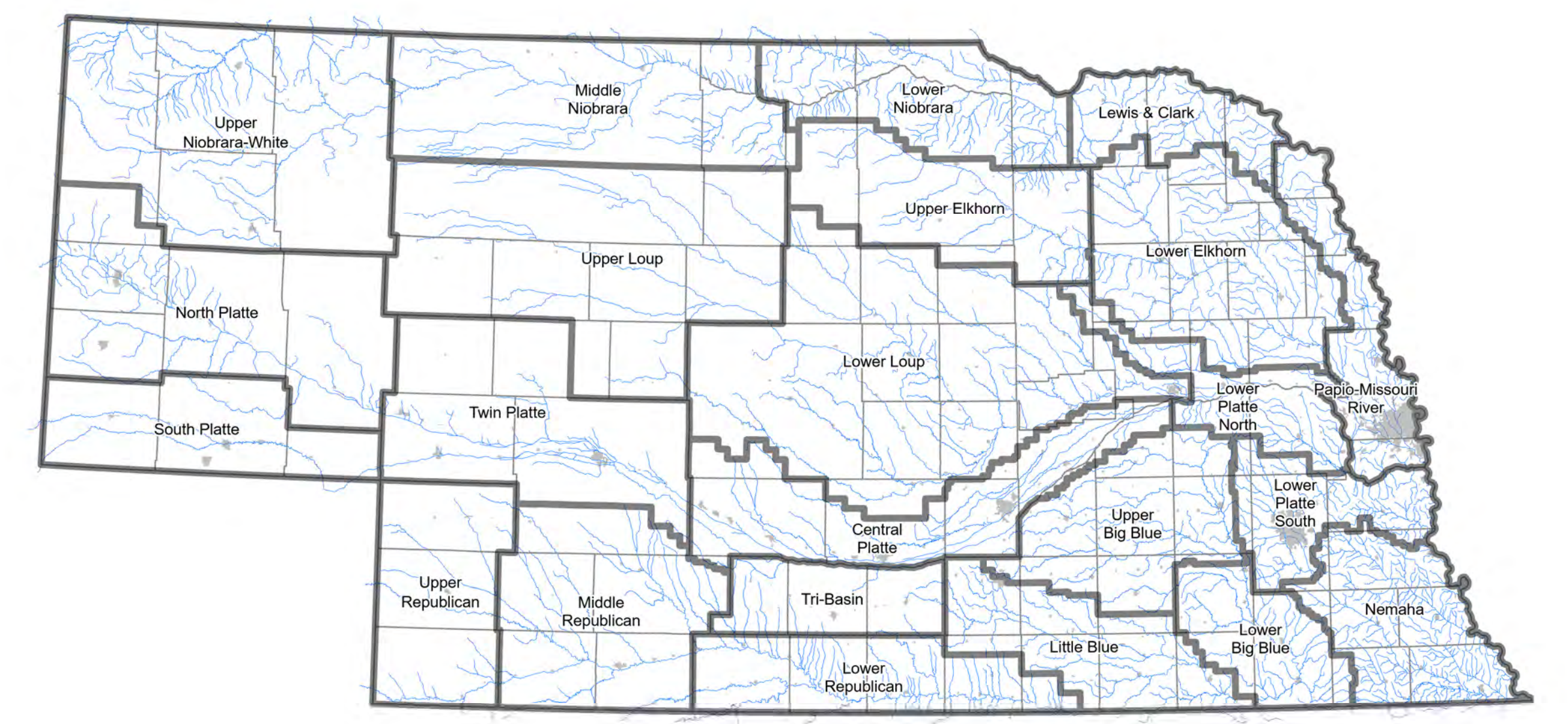
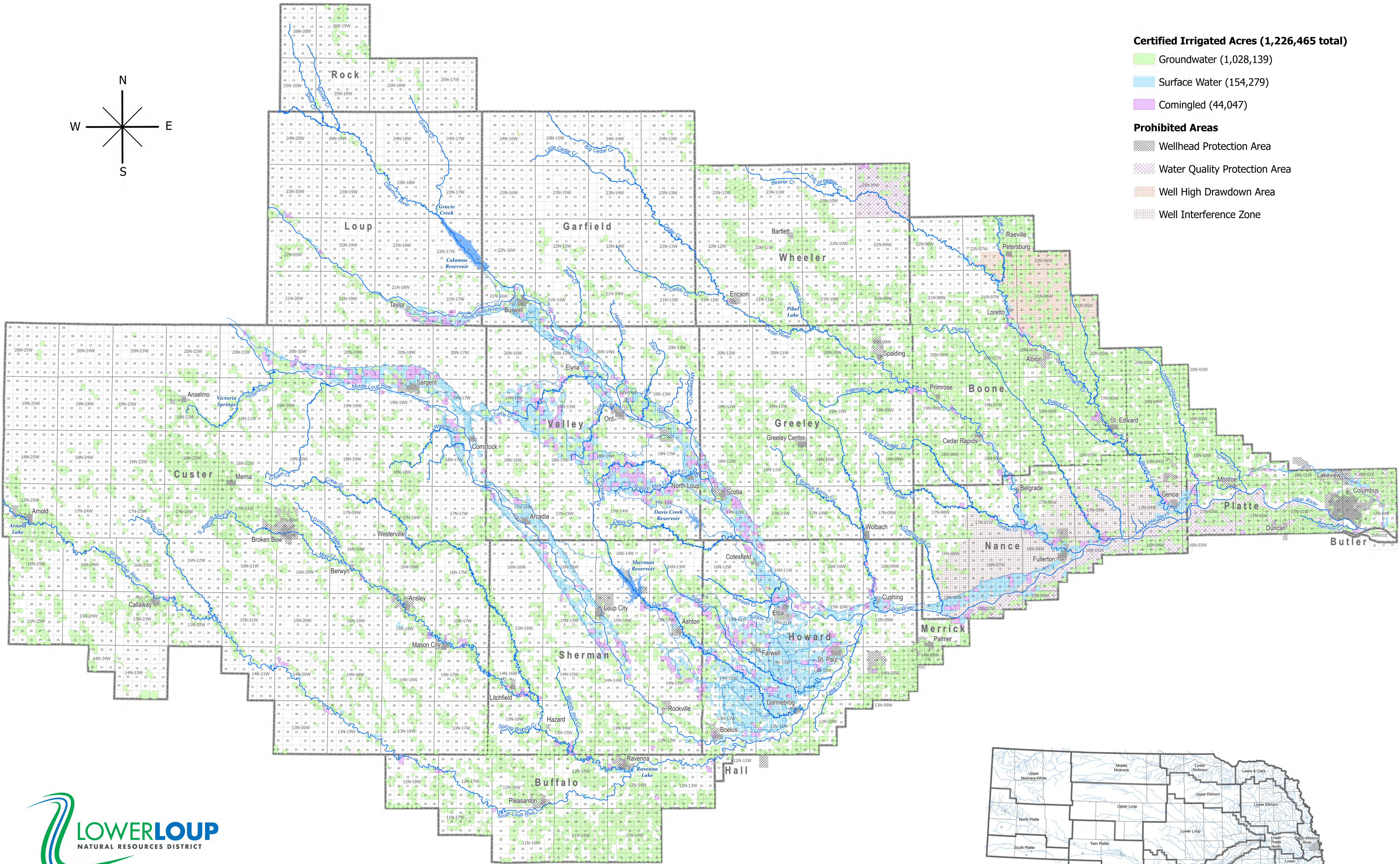


Certified Irrigated Acres (1,226,465 total)

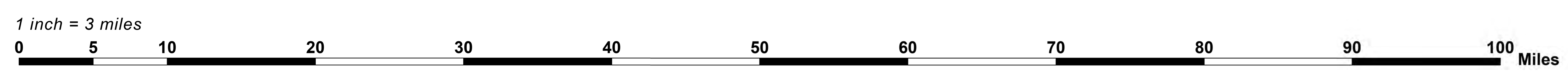
- Groundwater (1,028,139)
- Surface Water (154,279)
- Comingled (44,047)

Prohibited Areas

- Wellhead Protection Area
- Water Quality Protection Area
- Well High Drawdown Area
- Well Interference Zone



Notes:
 For groundwater protection purposes, new certified irrigated acres and transfers are not allowed into areas defined by the following layers:
 Wellhead Protection Area, Water Quality Protection Area, Well High Drawdown Area, and Well Interference Zone.
 The Well Interference Zone in Nance County is characterized by low transmissivity and thin saturated thickness in the upper aquifer.
 Groundwater wells located in this zone are susceptible to deep cones of depression and interference from neighboring wells.
 The Well High Drawdown Area in Boone County is characterized by unusually high drawdown based on the difference of static water level and pumping water level, along with low specific capacity, the pumping rate in gallons per minute per foot of drawdown. Shallow aquifer groundwater wells located in this area, specifically domestic and livestock wells, are susceptible to deep cones of depression and interference from neighboring irrigation wells during dry periods.



CERTIFIED IRRIGATED ACRES 2021
 Lower Loup Natural Resources District