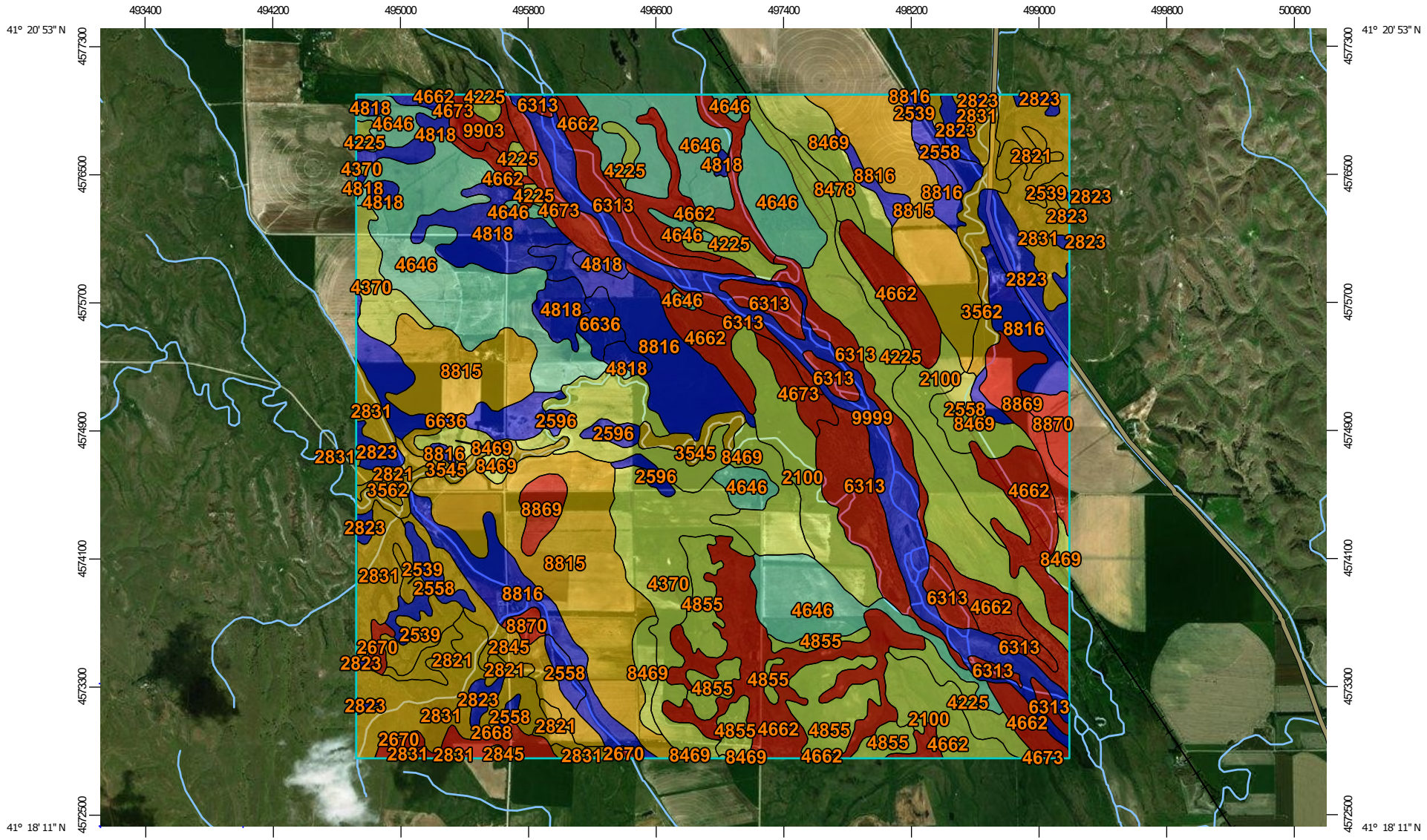
Depth to Water Table—Sherman County, Nebraska
(MAX)



Map Scale: 1:35,100 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 500 1000 2000 3000

Feet: 0 1500 3000 6000 9000

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 14N WGS84

MAP LEGEND

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Rating Polygons

0 - 25

25 - 50

50 - 100

100 - 150

150 - 200

> 200

Not rated or not available

Soil Rating Lines

0 - 25

25 - 50

50 - 100

100 - 150

150 - 200

> 200

Not rated or not available

Soil Rating Points

0 - 25

25 - 50

50 - 100

100 - 150

150 - 200

> 200

Not rated or not available

Water Features

Streams and Canals

Transportation

Rails

Interstate Highways

US Routes

Major Roads

Local Roads

Background

Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Sherman County, Nebraska
Survey Area Data: Version 19, Jun 10, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Oct 15, 2015—Feb 3, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Depth to Water Table

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
2100	Boel fine sandy loam, occasionally flooded	69	239.5	5.2%
2539	Coly-Hobbs silt loams, 3 to 60 percent slopes	30	48.2	1.0%
2558	Coly-Uly silt loams, 6 to 11 percent slopes, eroded	>200	69.3	1.5%
2596	Hersh fine sandy loam, 3 to 6 percent slopes	>200	23.5	0.5%
2668	Holdrege silt loam, 1 to 3 percent slopes	0	24.8	0.5%
2670	Holdrege silt loam, 3 to 7 percent slopes	0	17.9	0.4%
2821	Uly silt loam, 6 to 11 percent slopes, eroded	30	59.2	1.3%
2823	Uly silt loam, 11 to 17 percent slopes, eroded	>200	101.0	2.2%
2831	Uly-Coly silt loams, 17 to 30 percent slopes, eroded	30	281.4	6.1%
2845	Uly-Coly silt loams, 11 to 17 percent slopes, eroded	30	60.4	1.3%
3545	Hobbs silt loam, channeled, frequently flooded	30	56.5	1.2%
3562	Hobbs silt loam, occasionally flooded, cool	30	46.4	1.0%
4225	Bolent loamy sand, occasionally flooded	69	248.2	5.4%
4370	Libory loamy fine sand, 0 to 3 percent slopes	69	183.6	4.0%
4646	Ipage loamy fine sand, 0 to 3 percent slopes	122	528.5	11.5%
4662	Loup fine sandy loam, 0 to 1 percent slopes	23	492.6	10.7%
4673	Loup loam, frequently ponded	0	67.2	1.5%
4818	Valentine loamy fine sand, 3 to 9 percent slopes	>200	152.7	3.3%

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
4855	Valentine-Bolent complex, 0 to 6 percent slopes	69	152.0	3.3%
6313	Barney loam, channeled, frequently flooded	15	280.5	6.1%
6636	Boelus loamy fine sand, 0 to 3 percent slopes	>200	81.3	1.8%
8469	Gibbon silt loam, rarely flooded	69	288.8	6.3%
8478	Gibbon-Saltine silt loams, rarely flooded	69	14.6	0.3%
8815	Cozad silt loam, 0 to 1 percent slopes	30	491.6	10.7%
8816	Cozad silt loam, 1 to 3 percent slopes	>200	277.4	6.0%
8869	Hord silt loam, 0 to 1 percent slopes	0	69.6	1.5%
8870	Hord silt loam, 1 to 3 percent slopes	0	30.7	0.7%
9903	Fluvaquents, sandy, frequently flooded	0	21.7	0.5%
9999	Water	>200	189.5	4.1%
Totals for Area of Interest			**4,598.8**	**100.0%**

Description

"Water table" refers to a saturated zone in the soil. It occurs during specified months. Estimates of the upper limit are based mainly on observations of the water table at selected sites and on evidence of a saturated zone, namely grayish colors (redoximorphic features) in the soil. A saturated zone that lasts for less than a month is not considered a water table.

This attribute is actually recorded as three separate values in the database. A low value and a high value indicate the range of this attribute for the soil component. A "representative" value indicates the expected value of this attribute for the component. For this soil property, only the representative value is used.

Rating Options

Units of Measure: centimeters

Aggregation Method: Minimum or Maximum

Component Percent Cutoff: None Specified

Tie-break Rule: Higher

Interpret Nulls as Zero: No

Beginning Month: April

Ending Month: September