

Range Production (Normal Year)—Kent County, Texas, and Stonewall County, Texas
(Smith Ranch Kent County)



100° 32' 3"




Map Scale: 1:16,100 if printed on A size (8.5" x 11") sheet.



MAP LEGEND







Area of Interest (AOI)

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Soils

 Soil Map Units


Soil Ratings

-  <= 918
-  > 918 AND <= 1170
-  > 1170 AND <= 1800
-  > 1800 AND <= 2025
-  > 2025 AND <= 2156
-  Not rated or not available






Political Features

 Cities

Water Features

 Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

MAP INFORMATION

Map Scale: 1:16,100 if printed on A size (8.5" × 11") sheet.

The soil surveys that comprise your AOI were mapped at scales ranging from 1:24,000 to 1:31,680.

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

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>
Coordinate System: UTM Zone 14N NAD83

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

Soil Survey Area: Kent County, Texas
Survey Area Data: Version 7, Oct 27, 2009

Soil Survey Area: Stonewall County, Texas
Survey Area Data: Version 6, Oct 26, 2009

Your area of interest (AOI) includes more than one soil survey area. These survey areas may have been mapped at different scales, with a different land use in mind, at different times, or at different levels of detail. This may result in map unit symbols, soil properties, and interpretations that do not completely agree across soil survey area boundaries.

Date(s) aerial images were photographed: Data not available.

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.

Range Production (Normal Year)

Range Production (Normal Year)— Summary by Map Unit — Kent County, Texas (TX263)				
Map unit symbol	Map unit name	Rating (pounds per acre per year)	Acres in AOI	Percent of AOI
Bk	Breaks and Yomont soils	918	33.1	2.7%
QuC	Quinlan soils, sloping	1800	7.2	0.6%
Ro	Rough broken land	900	59.2	4.8%
WoC	Woodward and Quinlan loams, sloping	2152	136.7	11.2%
Subtotals for Soil Survey Area			236.3	19.3%
Totals for Area of Interest			1,224.0	100.0%

Range Production (Normal Year)— Summary by Map Unit — Stonewall County, Texas (TX433)				
Map unit symbol	Map unit name	Rating (pounds per acre per year)	Acres in AOI	Percent of AOI
OaC	Obaro very fine sandy loam, 3 to 5 percent slopes	1800	70.6	5.8%
Qr	Quinlan-Rough broken land complex	1170	270.3	22.1%
WoD	Woodward-Quinlan complex rolling	2156	633.9	51.8%
Yo	Yomont-Quinlan complex	2025	12.9	1.1%
Subtotals for Soil Survey Area			987.7	80.7%
Totals for Area of Interest			1,224.0	100.0%

Description

Total range production is the amount of vegetation that can be expected to grow annually in a well managed area that is supporting the potential natural plant community. It includes all vegetation, whether or not it is palatable to grazing animals. It includes the current year's growth of leaves, twigs, and fruits of woody plants. It does not include the increase in stem diameter of trees and shrubs. It is expressed in pounds per acre of air-dry vegetation. In a normal year, growing conditions are about average. Yields are adjusted to a common percent of air-dry moisture content.

In areas that have similar climate and topography, differences in the kind and amount of vegetation produced on rangeland are closely related to the kind of soil. Effective management is based on the relationship between the soils and vegetation and water.

Rating Options

Units of Measure: pounds per acre per year

Aggregation Method: Weighted Average

Component Percent Cutoff: None Specified

Tie-break Rule: Higher

Interpret Nulls as Zero: Yes