

Land Dataset Description

Layers defining land characteristics and features relevant to working land management.



Land

Dataset	Value
County	Deaf Smith, Castro, Parmer County
Elevation	3,700-3,945 feet above sea level
Soil Type	AcC, PcC, BpB, LoA, AcA, BP, BeD, BpD, PuB, EcA, PnC, OcB, BpA, PoA, W, OcA, BcA, LcA, AcB, PoB, M-W, DRC, Bs, ZcA, PGE, OcC, BvC, RaA, MoC, McA, EcB, MbD, KmB, Pt, BeD, PuA, MeC, EcC, BeC, PcB, RaA: Acuff loam, 3 to 5 percent slopes, Pep clay loam, 3 to 5 percent slopes, Bippus clay loam, 1 to 3 percent slopes, Lofton clay loam, 0 to 1 percent slopes, rarely ponded, Acuff loam, 0 to 1 percent slopes, Pits, caliche and gravel, Berda loam, warm, 5 to 8 percent slopes, Berda-Potter complex, 3 to 12 percent slopes, Pullman clay loam, 1 to 3 percent slopes, Estacado clay loam, 0 to 1 percent slopes, Plemons loam, 3 to 5 percent slopes, Olton clay loam, 1 to 3 percent slopes, Bippus clay loam, 0 to 2 percent slopes, occasionally flooded, Posey complex, 0 to 1 percent slopes, Water, Olton clay loam, 0 to 1 percent slopes, Bippus clay loam, 0 to 2 percent slopes, occasionally flooded, Lazbuddie clay, 0 to 1 percent slopes, rarely ponded, Acuff loam, 1 to 3 percent slopes, Posey complex, 1 to 3 percent slopes, Water, miscellaneous, Drake soils, 1 to 8 percent slopes, Bippus soils, frequently flooded, Zita clay loam, 0 to 1 percent slopes, Potter soils, 3 to 20 percent slopes, Olton clay loam, 3 to 5 percent slopes, Bovina loam, 3 to 5 percent slopes, Randall clay, 0 to 1 percent slopes, occasionally ponded, Mobeetie fine sandy loam, 3 to 5 percent slopes, cool, McLean clay, 0 to 1 percent slopes, occasionally ponded, Estacado clay loam, 1 to 3 percent slopes, Mansker-Berda loams, 5 to 8 percent slopes, Kimberson gravelly loam, 0 to 3 percent slopes, Potter soils, 3 to 20 percent slopes, Berda fine sandy loam, 5 to 8 percent slopes, Pullman clay loam, 0 to 1 percent slopes, Pep-Estacado loams, 3 to 5 percent slopes, Estacado clay loam, 3 to 5 percent slopes, Berda fine sandy loam, 3 to 5 percent slopes, Pep clay loam, 1 to 3 percent slopes, Randall clay, 0 to 1 percent slopes, frequently ponded.

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Vegetation Dataset Description

Layers depicting vegetation by Omernik Level III ecoregions.



Vegetation

Dataset	Value
Ecoregion	High Plains

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Water Dataset Description

Layers depicting water-related features and boundaries.



Water

Dataset	Value
Watershed	City of Hereford-Tierra Blanca Creek, Black Lake-Frio Draw, Town of Easter, Buffalo Lake-Tierra Blanca Creek
Streams	Tierra Blanca Creek, Unnamed

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Land Trends and Demography Dataset Description

Layers summarizing land use and demographic characteristics.

Land Trends and Demography

Dataset	Value
Population Percent Change (1997-2017)	Castro County: 0% change, total population of 8,662 in 2017
Population Percent Change (1997-2017)	Deaf Smith County: 12% change, total population of 21,621 in 2017
Population Percent Change (1997-2017)	Parmer County: 13% change, total population of 11,687 in 2017
Projected Population Percent Change (2020-2070)	Castro County: 28% change, projected population of 11,407 in 2070
Projected Population Percent Change (2020-2070)	Parmer County: 51% change, projected population of 17,244 in 2070
Projected Population Percent Change (2020-2070)	Deaf Smith County: 83% change, projected population of 40,531 in 2070
Average Farm Size 2017 (Acres)	Deaf Smith County: 1,721 acres
Average Farm Size 2017 (Acres)	Castro County: 1,349 acres
Average Farm Size 2017 (Acres)	Parmer County: 1,182 acres
Fragmentation Risk Index 2017	Parmer County: Medium
Fragmentation Risk Index 2017	Castro County: Medium
Fragmentation Risk Index 2017	Deaf Smith County: Medium

Dataset	Value
Cropland 2017 (Acres)	Friona ISD: 189,844 cropland acres
Cropland 2017 (Acres)	Dimmitt ISD: 231,638 cropland acres
Cropland 2017 (Acres)	Hereford ISD: 311,898 cropland acres
Grazing Land 2017 (Acres)	Friona ISD: 26,915 grazing land acres
Grazing Land 2017 (Acres)	Dimmitt ISD: 47,146 grazing land acres
Grazing Land 2017 (Acres)	Hereford ISD: 115,809 grazing land acres
Timber 2017 (Acres)	Dimmitt ISD: 0 timber land acres
Timber 2017 (Acres)	Hereford ISD: 0 timber land acres
Timber 2017 (Acres)	Friona ISD: 0 timber land acres
Wildlife Management 2017 (Acres)	Dimmitt ISD: 0 wildlife management acres
Wildlife Management 2017 (Acres)	Hereford ISD: 0 wildlife management acres
Wildlife Management 2017 (Acres)	Friona ISD: 0 wildlife management acres
Other Working Land 2017 (Acres)	Dimmitt ISD: 0 other working land acres
Other Working Land 2017 (Acres)	Hereford ISD: 216 other working land acres
Other Working Land 2017 (Acres)	Friona ISD: 0 other working land acres
Total Working Land 2017 (Acres)	Hereford ISD: 427,923 total working land acres
Total Working Land 2017 (Acres)	Friona ISD: 216,759 total working land acres
Total Working Land 2017 (Acres)	Dimmitt ISD: 278,784 total working land acres
Working Land Market Value 2017	Dimmitt ISD: \$1,403 per acre

Dataset	Value
(\$ Per Acre)	
Working Land Market Value 2017 (\$ Per Acre)	Friona ISD: \$1,121 per acre
Working Land Market Value 2017 (\$ Per Acre)	Hereford ISD: \$1,069 per acre
Agricultural Production Value 2017 (\$ Per Acre)	Friona ISD: \$121 per acre
Agricultural Production Value 2017 (\$ Per Acre)	Dimmitt ISD: \$152 per acre
Agricultural Production Value 2017 (\$ Per Acre)	Hereford ISD: \$127 per acre
Hunting Lease Prices 2017 (\$ Per Acre)	Deaf Smith County: \$10 per acre
Hunting Lease Prices 2017 (\$ Per Acre)	Castro County: \$ per acre
Hunting Lease Prices 2017 (\$ Per Acre)	Parmer County: \$ per acre
Wind Turbines	Castro County: 117 turbines.
Wind Turbines	Deaf Smith County: 72 turbines.
Oil and Gas Lease Market Value 2017	Dimmitt ISD: \$0
Oil and Gas Lease Market Value 2017	Hereford ISD: \$0
Oil and Gas Lease Market Value 2017	Friona ISD: \$0

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Wildlife Conservation Dataset Description

Layers indicating presence of species of concern and administrative boundaries for protected lands.



Wildlife Conservation

Dataset	Value
Rare, Endangered, and Threatened Species by County	Deaf Smith County: Texas horned lizard, Millerelix gracilis (No accepted common name), mountain plover, pronghorn, western rattlesnake, western box turtle, cave myotis bat, plains spotted skunk, big brown bat, swift fox, Woodhouse's toad, American badger, Franklin's gull, western burrowing owl, bald eagle, long-tailed weasel, western small-footed myotis bat, hoary bat, white-faced ibis, thirteen-lined ground squirrel, Mexican free-tailed bat, tall plains spurge, eastern spotted skunk, black-tailed prairie dog, eastern red bat, big free-tailed bat, Palo Duro mouse, western hognose snake, mountain lion, lesser prairie-chicken, Townsend's big-eared bat, three-tongue spurge. For more information on listing status see: https://tpwd.texas.gov/gis/rtest/
Rare, Endangered, and Threatened Species by County	Castro County: American badger, eastern spotted skunk, western hognose snake, big free-tailed bat, western small-footed myotis bat, black-tailed prairie dog, Mexican free-tailed bat, swift fox, long-tailed weasel, Woodhouse's toad, Franklin's gull, pronghorn, plains spotted skunk, tricolored bat, hoary bat, mountain plover, western burrowing owl, prairie vole, white-faced ibis, lesser prairie-chicken, Texas horned lizard, bald eagle, eastern red bat, cave myotis bat, big brown bat, thirteen-lined ground squirrel, western rattlesnake, mountain lion, western box turtle, Townsend's big-eared bat. For more information on listing status see: https://tpwd.texas.gov/gis/rtest/
Rare, Endangered, and Threatened Species by County	Parmer County: plains spotted skunk, mountain lion, western hognose snake, long-tailed weasel, big brown bat, swift fox, black-tailed prairie dog, bald eagle, western rattlesnake, lesser prairie-chicken, western box turtle, eastern spotted skunk, Woodhouse's toad, American badger, Mexican free-tailed bat, pronghorn, hoary bat, big free-tailed bat, mountain plover, Franklin's gull, western burrowing owl, thirteen-lined ground squirrel, Townsend's big-eared bat, white-faced ibis, eastern red bat, Texas horned lizard. For more information on listing status see: https://tpwd.texas.gov/gis/rtest/

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Private Land Stewardship Dataset Description

Established organizations that provide assistance and guidance in various aspects of private land management and stewardship.

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Private Land Stewardship

Dataset	Value
River and Water Authorities	Red River Authority: http://www.rra.texas.gov/
Groundwater Conservation Districts	High Plains UWCD No.1: http://www.hpwd.org/
Texas A&M AgriLife Extension Services and Agents	Castro County: https://castro.agrilife.org/
Texas A&M AgriLife Extension Services and Agents	Parmer County: https://parmer.agrilife.org/
Texas A&M AgriLife Extension Services and Agents	Deaf Smith County: https://deafsmith.agrilife.org/
Texas Parks and Wildlife Biologists	Parmer County: https://tpwd.texas.gov/landwater/land/habitats/county/index.phtml?county=Parmer
Texas Parks and Wildlife Biologists	Deaf Smith County: https://tpwd.texas.gov/landwater/land/habitats/county/index.phtml?county=deaf_smith
Texas Parks and Wildlife Biologists	Castro County: https://tpwd.texas.gov/landwater/land/habitats/county/index.phtml?county=Castro
Natural Resources Conservation Service Representatives	Western Texas Region: https://offices.sc.egov.usda.gov/locator/app
Texas Forest Service Programs	Castro County: https://tfsweb.tamu.edu/contactus/county-search/
Texas Forest Service Programs	Parmer County: https://tfsweb.tamu.edu/contactus/county-search/
Texas Forest Service Programs	Deaf Smith County: https://tfsweb.tamu.edu/contactus/county-search/

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