

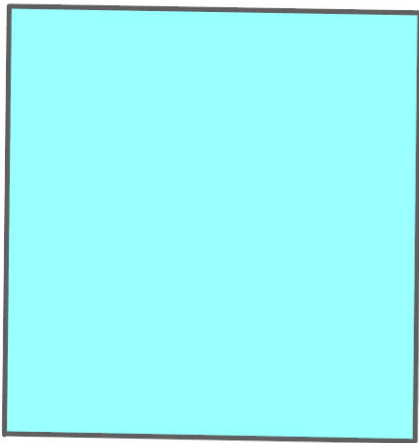


Disclaimer

This report is intended to provide users with information to better understand and visualize natural resources in Texas. This data is considered public information, but cannot be used for legal purposes.

Land Dataset Description

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



Land

Dataset	Value
County	Hockley County
Elevation	3,695-3,730 feet above sea level
Ecoregion	High Plains- The High Plains region, together with the Rolling Plains comprise the southern end of the Great Plains of the central United States. The High Plains is a relatively level high plateau, separated from the Rolling Plains by the Caprock Escarpment.
Soil Type	PeB, AvB, MdB, AfB, KmB, MdA: Pep loam, 1 to 3 percent slopes, Arvana fine sandy loam, 1 to 3 percent slopes, Midessa fine sandy loam, 1 to 3 percent slopes, Amarillo fine sandy loam, 1 to 3 percent slopes, Kimberson gravelly loam, 0 to 3 percent slopes, Midessa fine sandy loam, 0 to 1 percent slopes.

Dataset	Value
Air Quality PM 10 Soil Estimate	Low PM10, Very low PM10- These values estimate airborne particulate matter particles in the soil surface less than 10 microns in size (PM10). This metric is designed to identify areas that could emit PM10 particles and to describe the possibility on a scale of 0 (no or very low risk) to 1.00 (highest risk).
Air Quality PM 2.5 Soil Estimate	Low PM2.5, Very low PM2.5- These values estimate airborne particulate matter particles in the soil surface less than 2.5 microns in size (PM2.5). This metric is designed to identify areas that could emit PM2.5 particles and to describe the possibility on a scale of 0 (no or very low risk) to 1.00 (highest risk).
Mechanical Site Prep Soil Suitability	Well suited, Moderately suited- These values estimate suitability for use of surface-altering soil tillage equipment during site preparation in forested areas.
Pond/Reservoir Soil Suitability	Very limited, Somewhat limited- Soil best suited to this use have low seepage potential in the upper 60 inches. The seepage potential is determined by the saturated hydraulic conductivity (Ksat) of the soil and the depth to fractured bedrock or other permeable material.
Prescribed Burning Soil Suitability	Somewhat limited- Ratings represent the relative limitations of soil and physiographic factors upon the ability to safely contain the fire, as well as soil and climatic factors on the ability to obtain a favorable vegetative response to the treatment. Additionally, this value assesses the risk of water and wind erosion prior to re-establishing adequate watershed cover on the treatment site.
Range Production (Normal Year lbs/acre/yr)	744-1,844 lbs/acre/year- 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.
Soil Erosion Susceptibility (Factor K)	0.28, 0.32, 0.24, 0.37- Values of K range from 0.02 to 0.69. Other factors being equal, the higher the value, the more susceptible the soil is to sheet and rill erosion by water.
Upland Native Herbaceous Plants Soil Suitability	Not limited, Somewhat limited- These values estimate the suitability as either primary or secondary wildlife habitat through the establishment and maintenance of native herbaceous plants.
Wildlife Food Plot Soil Suitability (2 acres or less)	Very limited, Somewhat limited- These values estimate soil suitability for planting and cultivating food plots to produce forage for upland wildlife species.

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Vegetation Dataset Description

Layers depicting vegetation by Omernik Level III ecoregions.



Vegetation

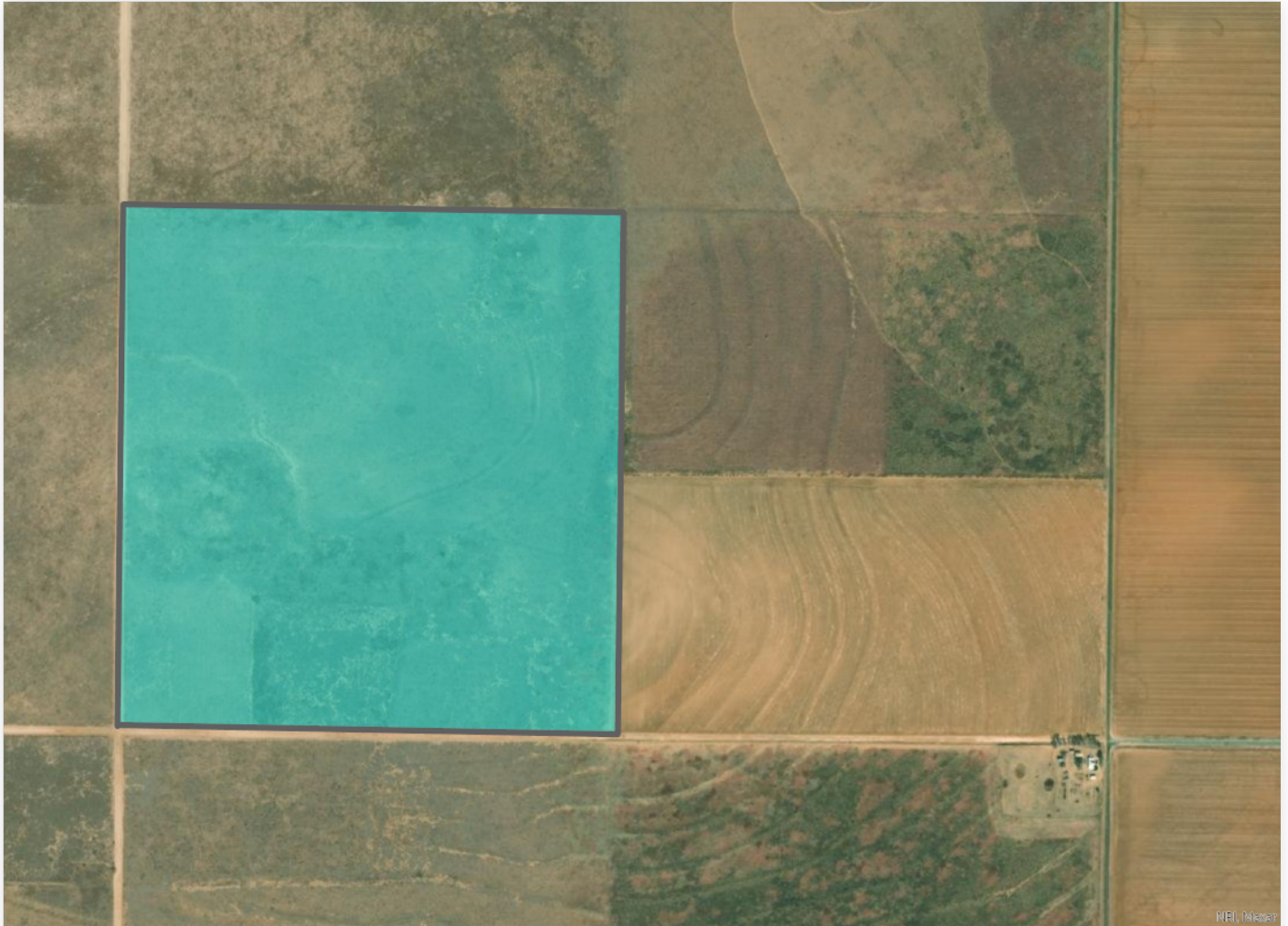
Dataset	Value
Ecoregion	High Plains
High Plains	Native Invasive: Deciduous Shrubland, CRP / Other Improved Grassland, Row Crops, Urban Low Intensity

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Water Dataset Description

Layers depicting water-related features and boundaries.



NRRI, T&E/2017

Water

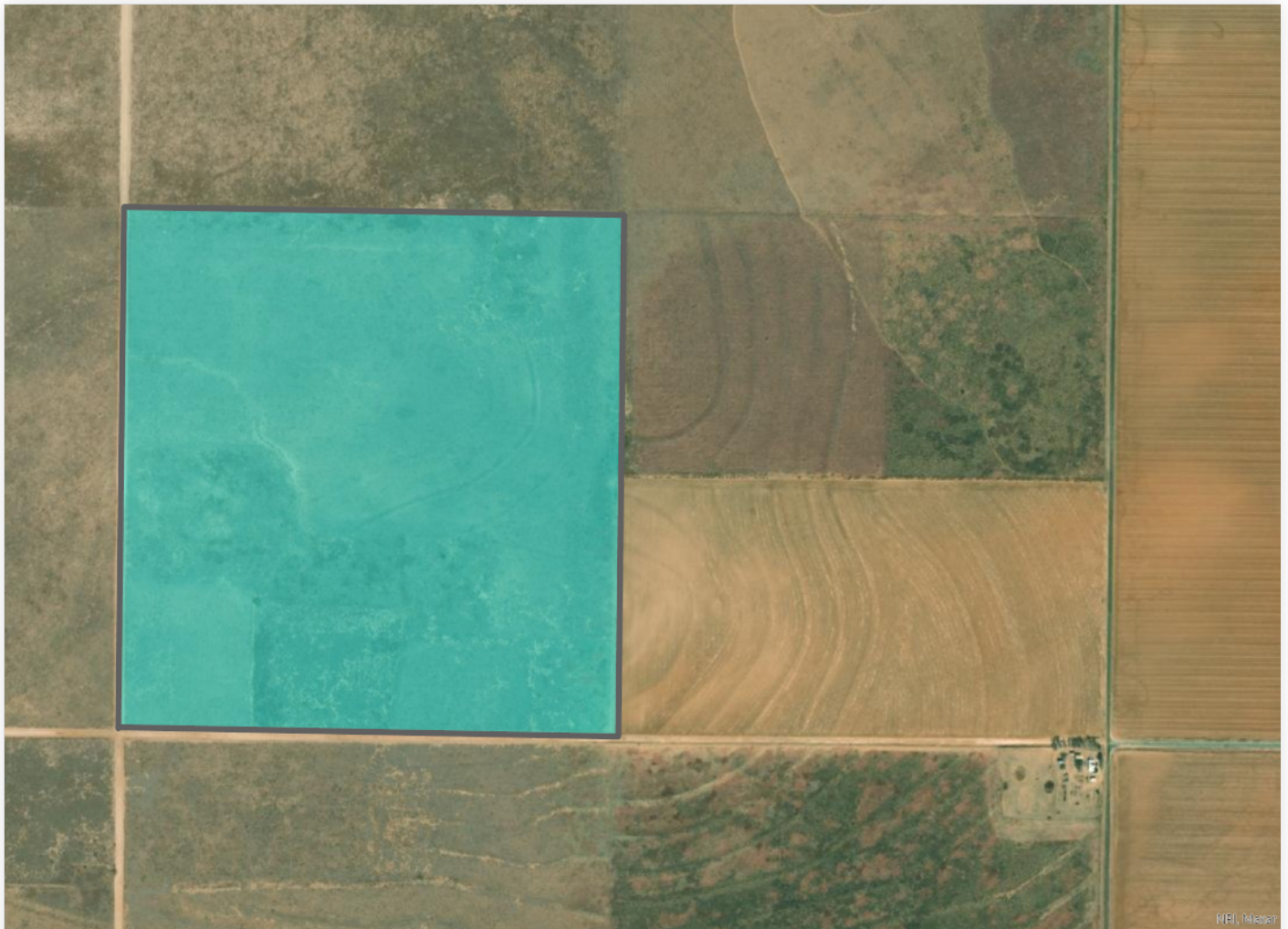
Dataset	Value
Watershed	Illusion Lake-Yellow Lake, Ramsey Hill-Yellow House Draw, Yellow House Draw-Silver Lake
Average Annual Rainfall (Inches)	18-20 inches
River Basin	Brazos River basin
Aquifer	Edwards-Trinity (High Plains), Ogallala

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Land Trends and Demography Dataset Description

Layers summarizing land use and demographic characteristics.



NRRI, 10/2017

Land Trends and Demography

Dataset	Value
Average Farm Size 2017 (Acres)	Hockley County: 793 acres
Cropland 2017 (Acres)	Whiteface Cons ISD: 186,323 cropland acres
Grazing Land 2017 (Acres)	Whiteface Cons ISD: 187,284 grazing land acres
Timber 2017 (Acres)	Whiteface Cons ISD: 0 timber land acres

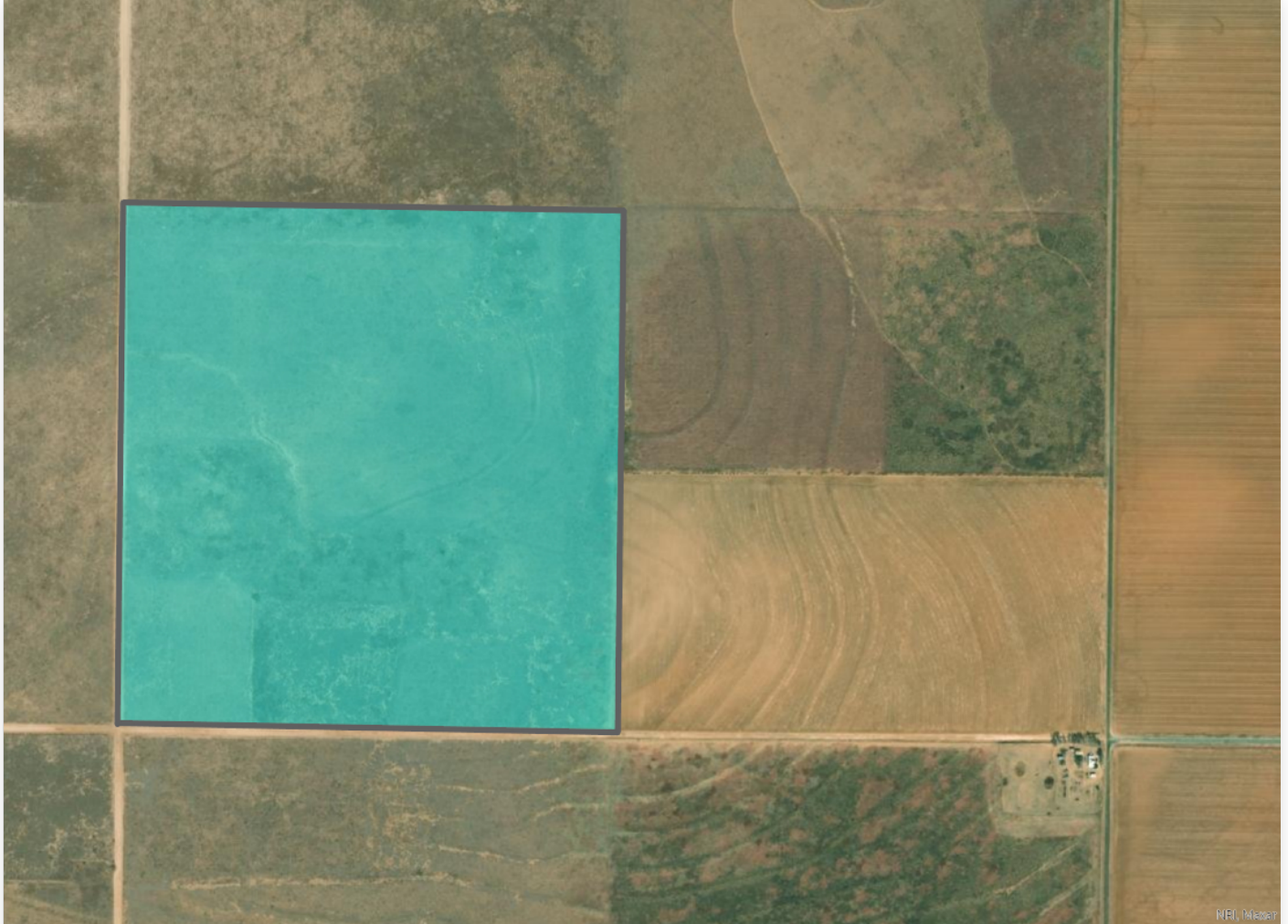
Dataset	Value
Other Working Land 2017 (Acres)	Whiteface Cons ISD: 2 other working land acres
Total Working Land 2017 (Acres)	Whiteface Cons ISD: 375,565 total working land acres
Hunting Lease Prices 2017 (\$ Per Acre)	Hockley County: \$ per acre

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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
No Data	No Data

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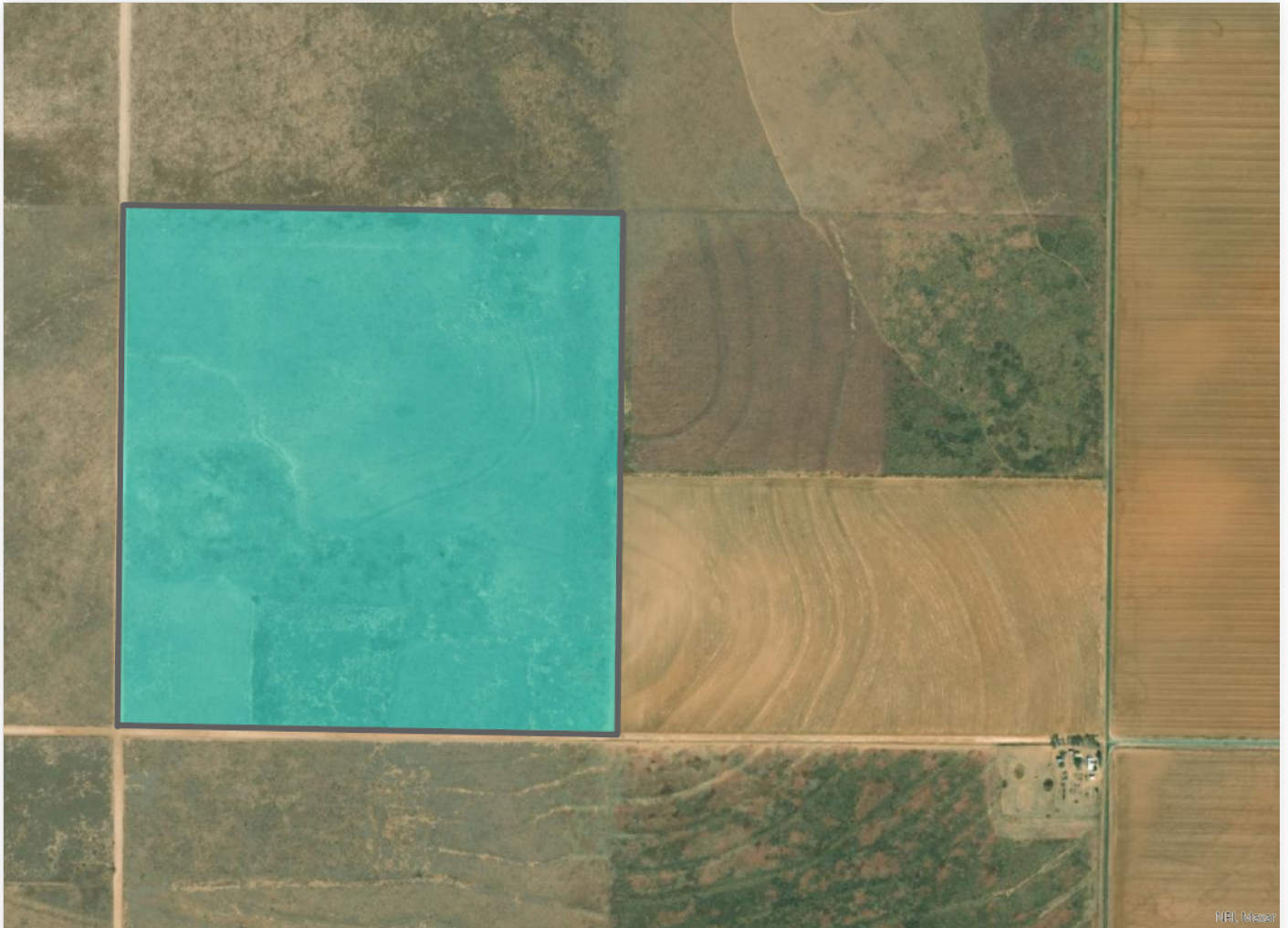
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Private Land Stewardship

188 acres

Private Land Stewardship Dataset Description

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



Private Land Stewardship

Dataset	Value
River and Water Authorities	Brazos River Authority: https://brazos.org/
Texas Parks and Wildlife Biologists	Hockley County: https://tpwd.texas.gov/landwater/land/habitats/county/index.phtml?county=Hockley
Natural Resources Conservation Service Representatives	Western Texas Region: https://offices.sc.egov.usda.gov/locator/app

