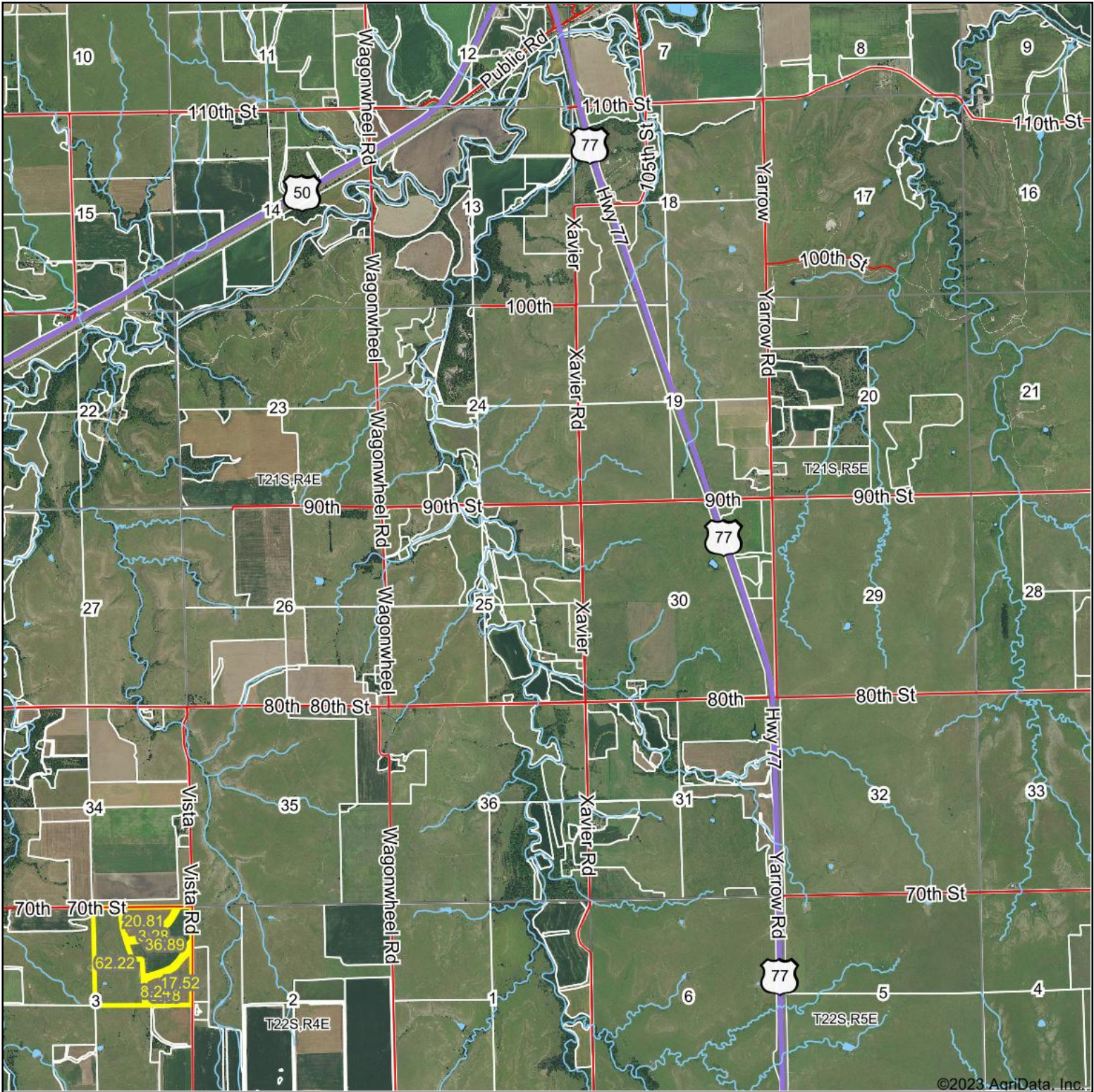


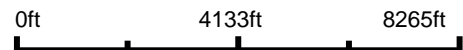
# Aerial Map



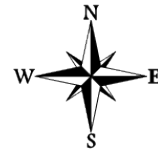
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Boundary Center: 38° 10' 10.05, -96° 58' 23.83



**3-22S-4E**  
**Marion County**  
**Kansas**

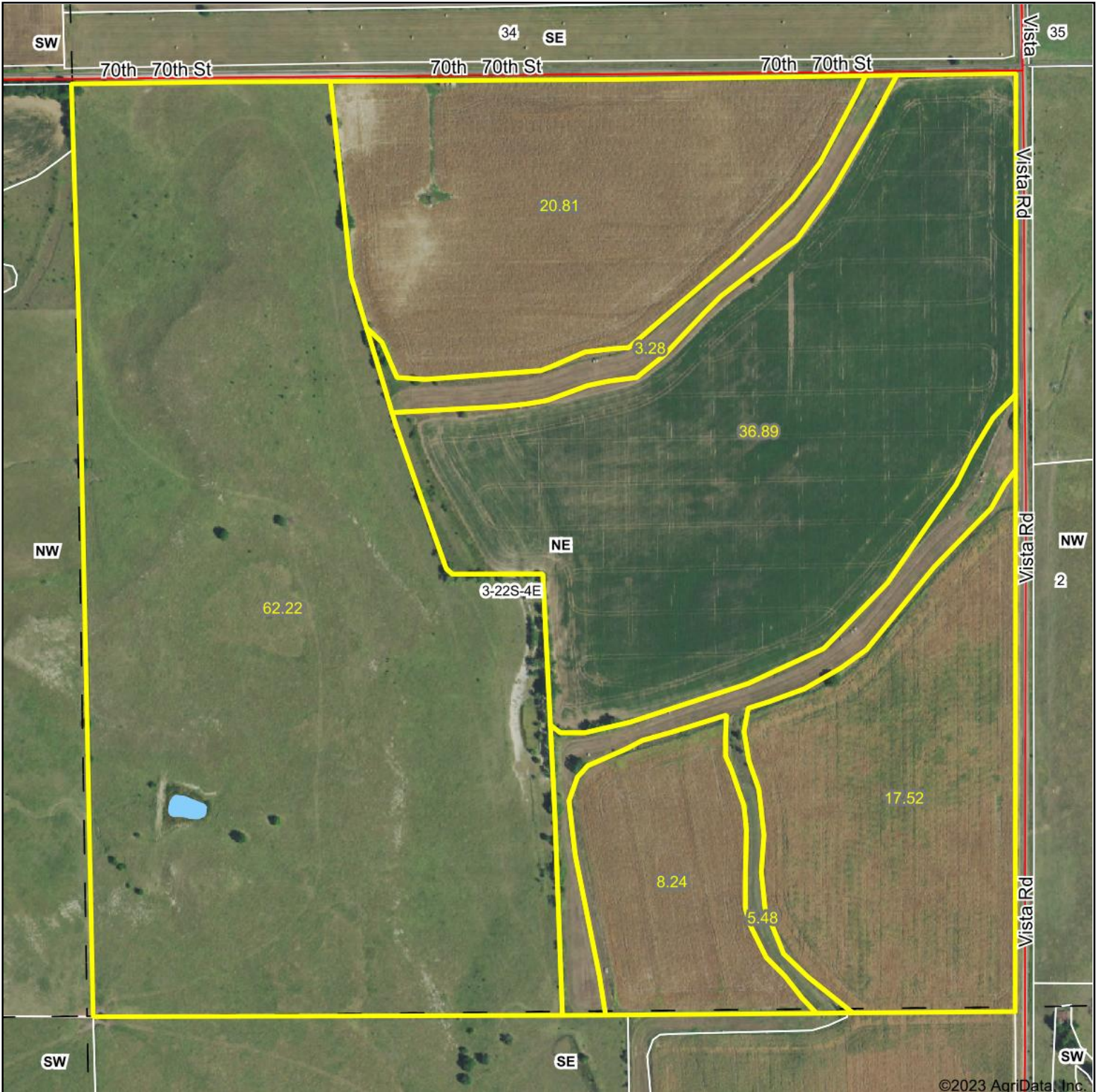


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10/10/2023

Field borders provided by Farm Service Agency as of 5/21/2008.

# Aerial Map



Boundary Center: 38° 10' 10.05, -96° 58' 23.83



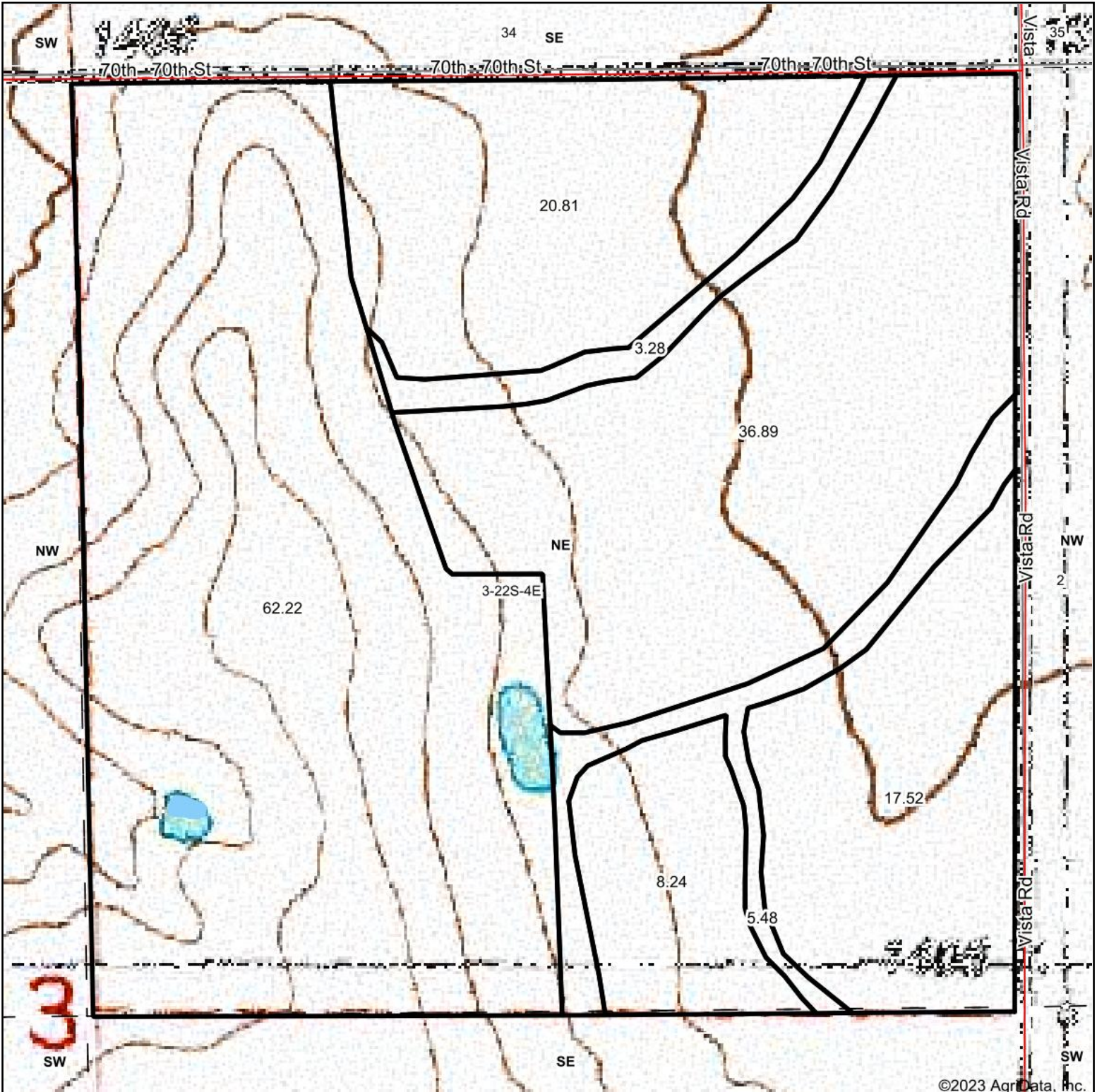
**3-22S-4E**  
**Marion County**  
**Kansas**



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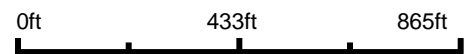
# Topography Map



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Map Center: 38° 10' 10.05, -96° 58' 24.06



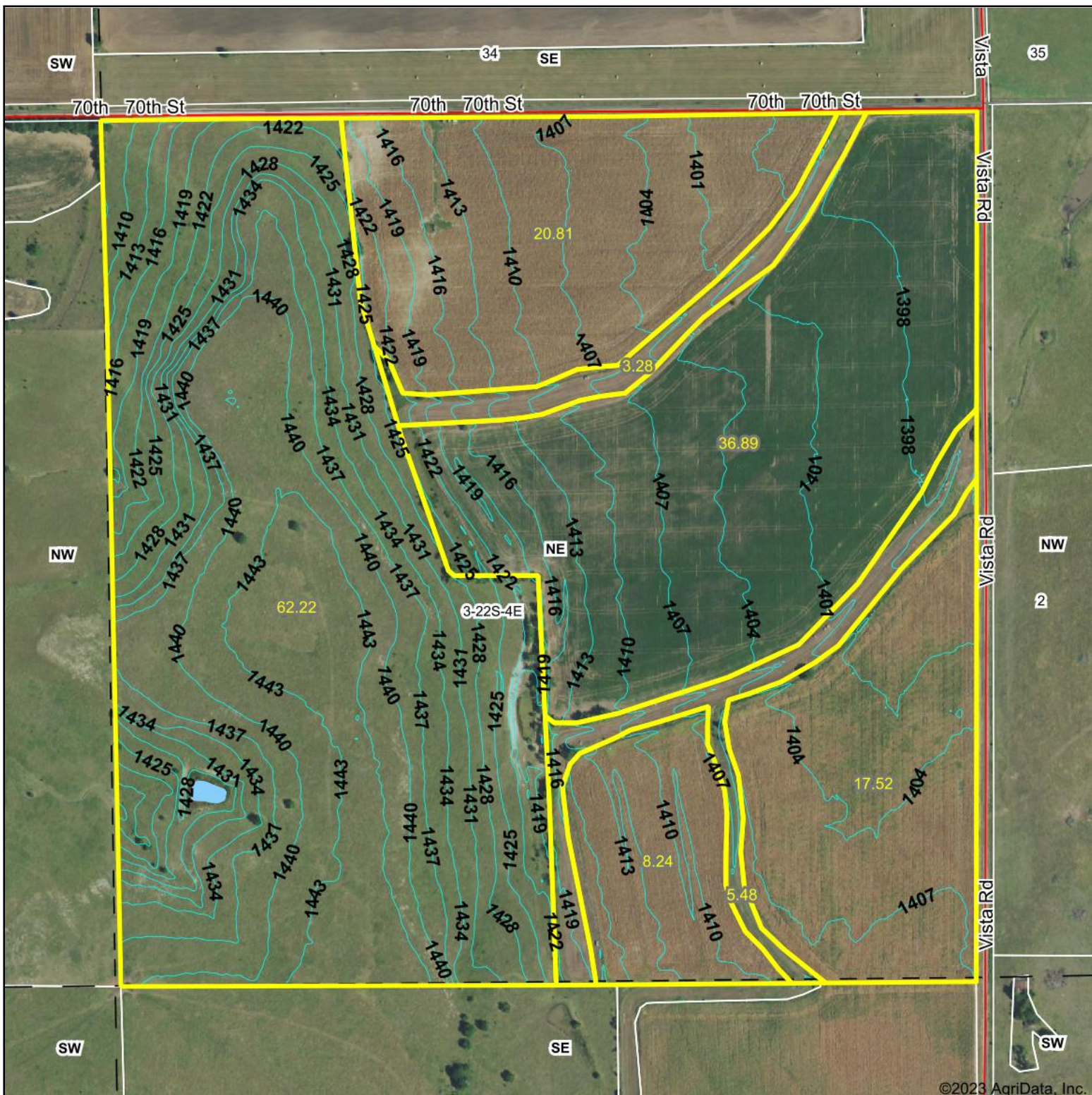
**3-22S-4E**  
**Marion County**  
**Kansas**



10/10/2023



# Topography Contours



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Source: USGS 3 meter dem  
 Interval(ft): 3.0  
 Min: 1,394.9  
 Max: 1,446.0  
 Range: 51.1  
 Average: 1,417.3  
 Standard Deviation: 15.32 ft



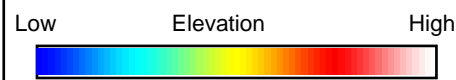
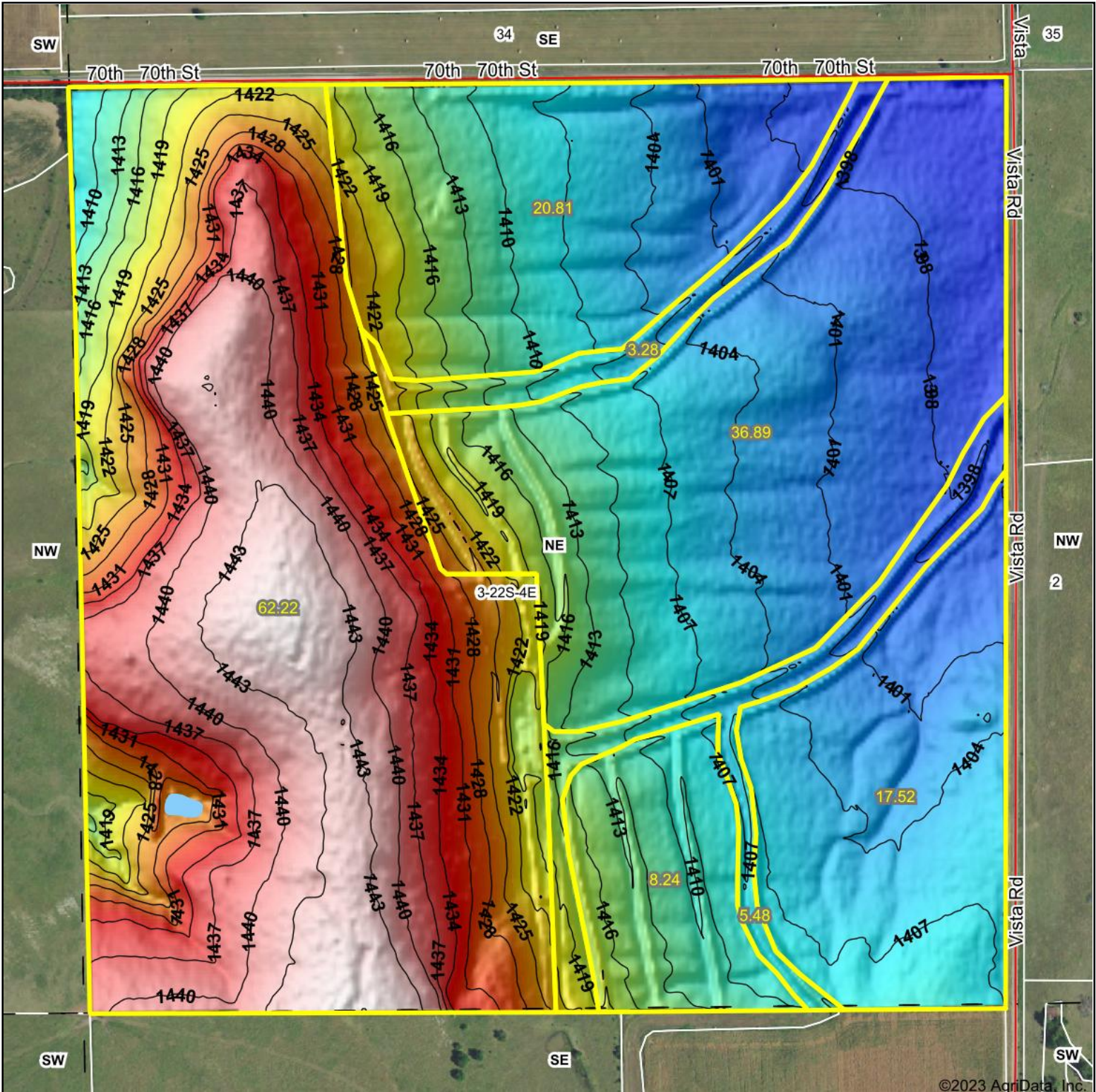
10/10/2023

**3-22S-4E**  
**Marion County**  
**Kansas**

Boundary Center: 38° 10' 10.05, -96° 58' 23.83

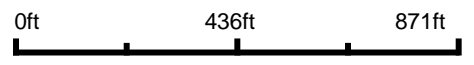
Field borders provided by Farm Service Agency as of 5/21/2008.

# Topography Hillshade



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Field borders provided by Farm Service Agency as of 5/21/2008.

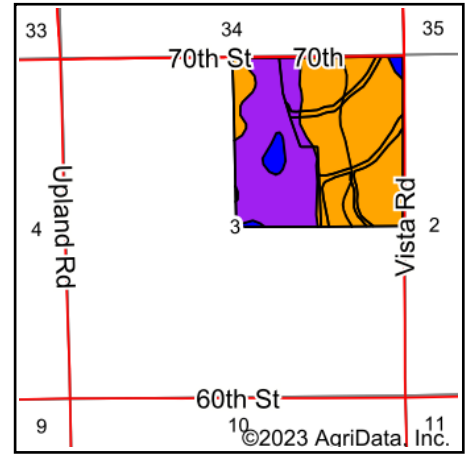
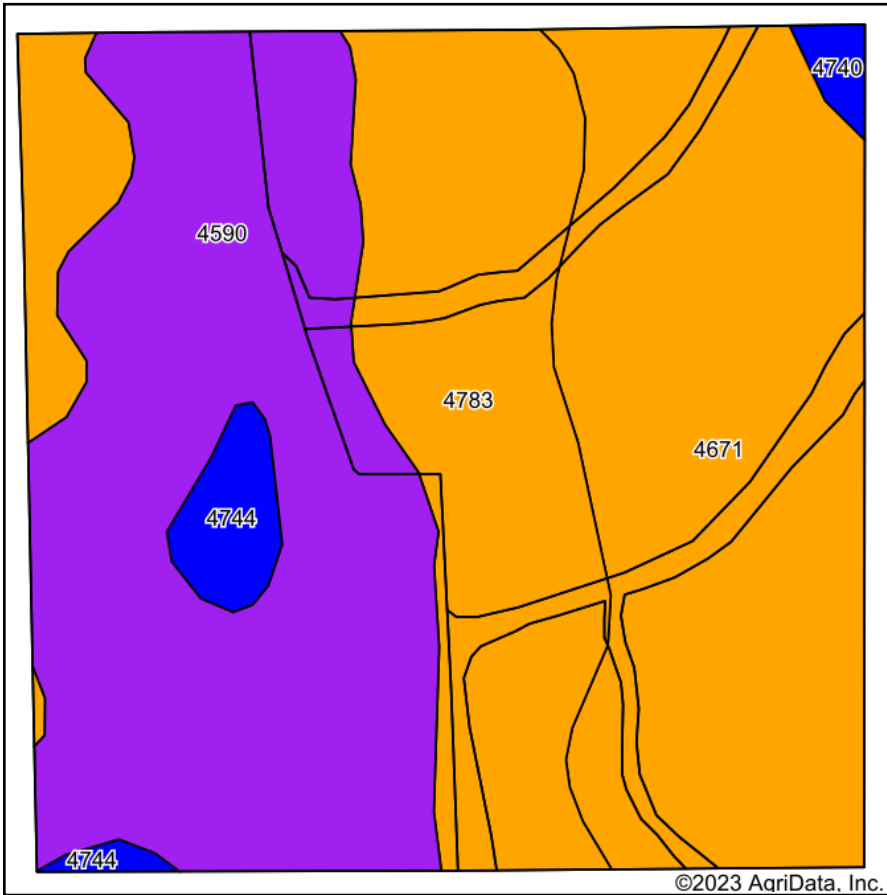
Source: USGS 3 meter dem  
Interval(ft): 3  
Min: 1,394.9  
Max: 1,446.0  
Range: 51.1  
Average: 1,417.3  
Standard Deviation: 15.32 ft



10/10/2023  
3-22S-4E  
Marion County  
Kansas  
Boundary Center: 38° 10' 10.05, -96° 58' 23.83

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# Soils Map



State: **Kansas**  
 County: **Marion**  
 Location: **3-22S-4E**  
 Township: **Summit**  
 Acres: **154.44**  
 Date: **10/10/2023**



Soils data provided by USDA and NRCS.

Area Symbol: KS115, Soil Area Version: 20

Code	Soil Description	Acres	Percent of field	Non-Irr Class Legend	Non-Irr Class *c	Irr Class *c	*n NCCPI Soybeans
4590	Clime-Sogn complex, 3 to 20 percent slopes	57.86	37.5%		V1e		33
4671	Irwin silty clay loam, 1 to 3 percent slopes	51.64	33.4%		III s	III s	55
4783	Tully silty clay loam, 3 to 7 percent slopes	39.76	25.7%		III e	III e	60
4744	Labette-Dwight complex, 0 to 3 percent slopes	4.04	2.6%		II e	II e	40
4740	Labette silty clay loam, 1 to 3 percent slopes	1.14	0.7%		II e	II e	43
<b>Weighted Average</b>					<b>4.09</b>	<b>*-</b>	<b>*n 47.6</b>

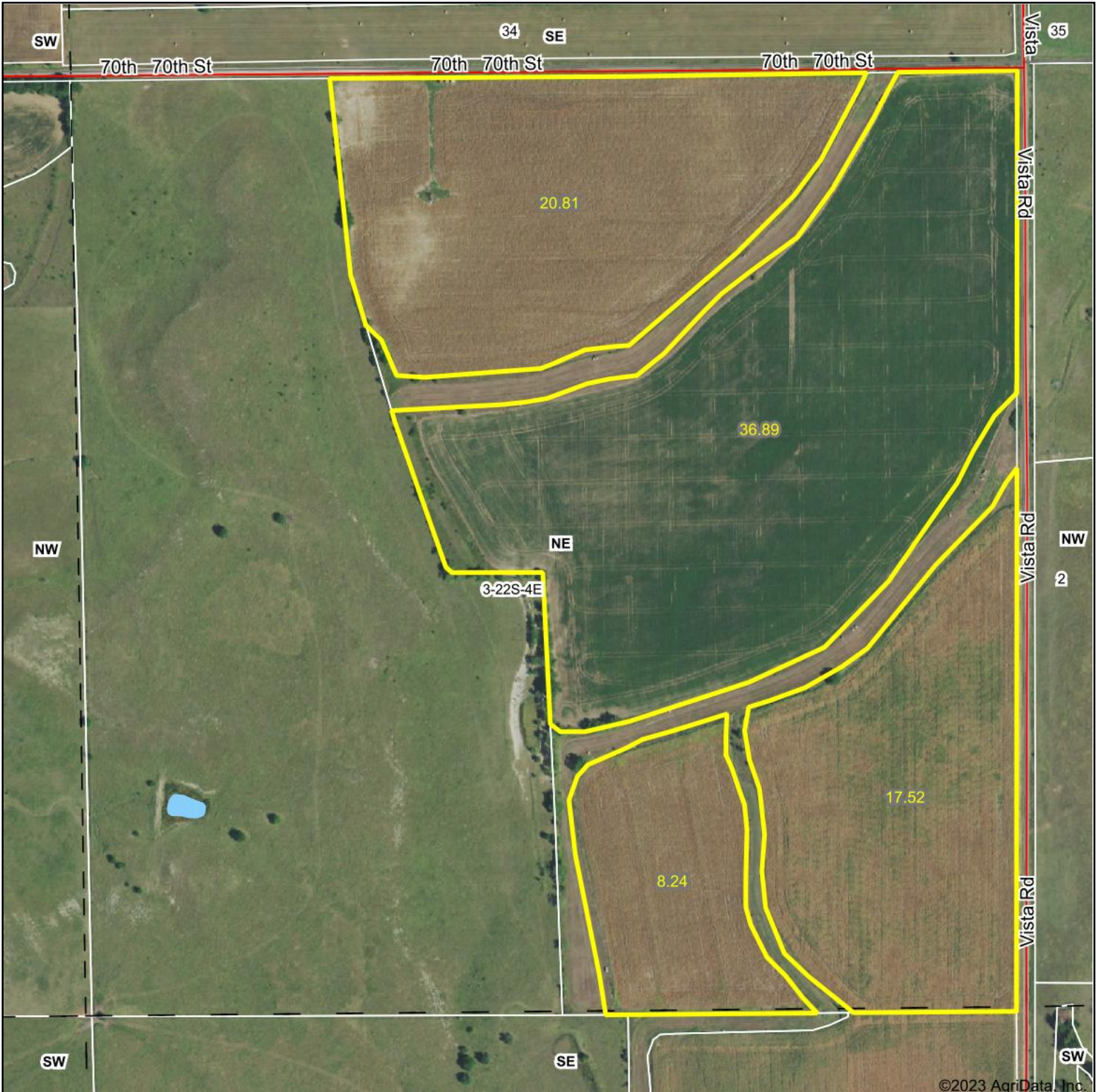
\*n: The aggregation method is "Weighted Average using all components"

\*c: Using Capabilities Class Dominant Condition Aggregation Method

\*- Irr Class weighted average cannot be calculated on the current soils data due to missing data.

Soils data provided by USDA and NRCS.

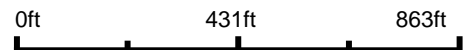
# Aerial Map



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Boundary Center: 38° 10' 10, -96° 58' 19.33



**3-22S-4E**  
**Marion County**  
**Kansas**

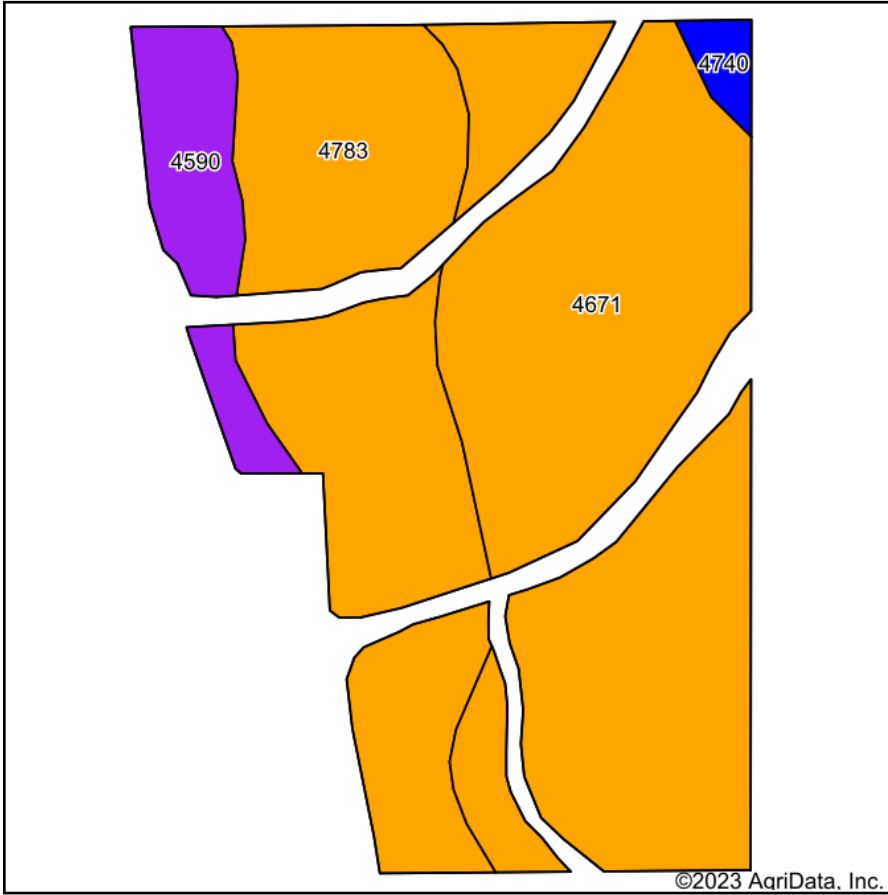


Maps Provided By:  
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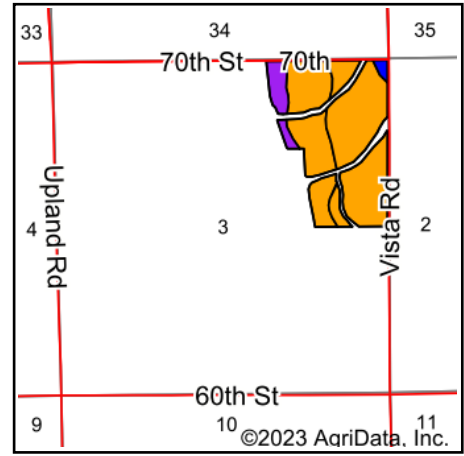
10/10/2023

Field borders provided by Farm Service Agency as of 5/21/2008.

# Soils Map



Soils data provided by USDA and NRCS.



State: **Kansas**  
 County: **Marion**  
 Location: **3-22S-4E**  
 Township: **Summit**  
 Acres: **83.46**  
 Date: **10/10/2023**



Maps Provided By:



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Area Symbol: KS115, Soil Area Version: 20

Code	Soil Description	Acres	Percent of field	Non-Irr Class Legend	Non-Irr Class *c	Irr Class *c	*n NCCPI Soybeans
4671	Irwin silty clay loam, 1 to 3 percent slopes	46.81	56.1%		IIIs	IIIs	55
4783	Tully silty clay loam, 3 to 7 percent slopes	28.91	34.6%		IIIe	IIIe	60
4590	Clime-Sogn complex, 3 to 20 percent slopes	6.60	7.9%		VIe		33
4740	Labette silty clay loam, 1 to 3 percent slopes	1.14	1.4%		Ile	Ile	43
<b>Weighted Average</b>					<b>3.22</b>	<b>*-</b>	<b>*n 54.8</b>

\*n: The aggregation method is "Weighted Average using all components"

\*c: Using Capabilities Class Dominant Condition Aggregation Method

\*- Irr Class weighted average cannot be calculated on the current soils data due to missing data.

Soils data provided by USDA and NRCS.