TECHNICAL MEMORANDUM

DATE September 5, 2019 **Project No.** 19118447

TO Mr. Tim Andruss, General Manager
Victoria County Groundwater Conservation District

FROM Matthew K. Wickham, P.G.
Ryan LaMar
Golder Associates Inc.

VICTORIA COUNTY GROUNDWATER CONSERVATION DISTRICT
2018 WATER LEVEL EVALUATION – CHICOT AND EVANGELINE AQUIFERS

1.0 EXECUTIVE SUMMARY

Golder Associates Inc. (Golder) was retained by the Victoria County Groundwater Conservation District (VCGCD) to continue to evaluate water-level data for the central portion of the Gulf Coast Aquifer System. A series of maps were generated that show the potentiometric (water-level) surface of groundwater within the aquifer and changes in the potentiometric surface relative to a baseline condition (i.e., the potentiometric surface in the year 2000).

2.0 DATA SOURCES

The VCGCD provided tabulated water-level data (2000-2017) for the Gulf Coast aquifer to be used for this project. The VCGCD obtained the data from the Texas Water Development Board Groundwater Database. In order to account for seasonal variability and minimize the effects of utilizing unverified data, the VCGCD filtered the available data prior to delivery. The VCGCD filtered the water-level data to the measurements with the following attributes: 1) measurements collected from wells with known completion depths; 2) measurements collected from wells completed in the Chicot or Evangeline aquifers; 3) measurements collected between the months of January and March; and 4) measurements with a status coded as "publishable". The measurements of depth to water were primarily collected from observation wells through the use of an electric/steel tape, pressure transducer, or airline. The water-level data contained water-level elevations that appear to be calculated as the difference between the land surface elevation and the depth to water measurement. Golder obtained the 2018 water-level data from the Texas Water Development Board Groundwater Database. The water-level data was filtered and processed to follow the data schema utilized in the previous analysis described above.

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3.0 METHODS

The 2000-2018 potentiometric-surface maps, water-level change (drawdown) maps, and hydrographs were created through the use of a geographic information system (GIS). A summary of the analysis extent, contour interval, measurement year, and aquifer data queried for each generated map is shown in Appendix A, Table 1.

The raw data provided by VCGCD were imported into ESRI ArcGIS to begin data validation, modeling, and digitization. The general processes used to create the two surface types (water-level elevation and water-level change) are discussed in more detail below.

3.1 Groundwater Elevation (Potentiometric) Surfaces

Potentiometric surfaces were completed for combined Chicot/Evangeline aquifers across the GMA-15 region (Appendix A, Figures 1A-1F), Victoria County only (Appendix A, Figures 2A-2F), and for the Chicot Aquifer only for Victoria County only (Appendix A, Figures 3A-3F). All tabulated water-level elevation data were imported into an ArcMap file geodatabase as a feature class (Appendix A, Table 2). The data were then projected to the state plane coordinate system of *NAD 1983 S Central Texas 4204*.

The data were filtered to the desired measurement year using "*select by attributes"* and exported to individual feature classes for the years 2000, 2005, 2010, 2015, and 2018. Because water levels are collected as discrete points, a potentiometric surface was created through the use of *"Kriging Interpolation"* (spatial analyst) to correlate estimated values across the entire region. Kriging interpolation generates a matrix of cells or pixels (a "raster file") that provides a predictive surface using statistical relationships calculated from the imported water-level elevation data. The predicted surfaces were generated using *"Ordinary Kriging"*, a commonly applied and simple kriging method. A few less restrictive assumptions were made for stationarity, spatial continuity, directional autocorrelation, and a constant unknown mean. Test surfaces were generated to compare values generated through *"Simple Kriging"* and *"Ordinary Kriging"* methods. Visually, the difference between the surfaces generated by the two methods was minimal and the similarity of the validation results (evaluated by *"root mean square error"*) indicate minimal effect on the visualization of the groundwater elevation surface across the region. The "spherical" semi-variogram model was utilized to generate the surfaces. Minimal cross-validation was performed for each surface; the predicted surface values were examined and compared to the empirical data. The semi-variogram models did not specifically account for anisotropy in the system and this value was set to "false" when generating the surfaces. The grid (cell) size for all surfaces (and contours) was chosen through trial and error and the resulting horizontal spatial resolution was 250x250 feet. This resolution captures the appropriate detail while remaining efficient for data storage and processing speed. Error surfaces were not generated for this project but will be generated and reviewed as subsequent analyses of water-level data are conducted.

In this study, region-wide (GMA 15) surfaces incorporate measurements from both the Chicot and Evangeline aquifers and use elevation data from anywhere between 110 and 210 wells per interpolated surface. The initial surface generated was limited to the outer most extent of GMA 15 and subsequently constrained to the approximate updip limit of the Evangeline aquifer using the *"Clip"* feature within the Data Management Toolbox. For the GMA 15 surfaces, only data from wells within GMA 15 were used. The generated raster was further constrained to create Victoria County-specific surfaces. For the Victoria County surfaces, data from wells outside of Victoria County but within GMA 15 were used to ensure that the contours at the county boundary were mapped correctly. Once the desired surface was created for both the regional-scale (GMA 15) and Victoria County (VC)

maps, the spatial analyst tool *"Contour"* was employed with an interval of 10 feet and 20 feet for the Victoria County and GMA 15 maps, respectively. For consistency, the use of layer files and VBScript expressions were employed across the database to depict maps with similar symbology, contour intervals, and labels. The symbology of each surface was adjusted accordingly to display appropriate data ranges from low-elevation values in blue to high-elevation values in red.

Before adding the 2018 water-level data, a review of the 2000 – 2017 data was conducted. Following the methodology outlined above to generate the potentiometric surfaces, the 2000 – 2017 well data were re-processed to ensure that the surfaces from the previous water-level evaluation (Golder, 2018) could be recreated. The surfaces for 2000, 2005, 2015, and 2017 were successfully recreated. The potentiometric surface for the Chicot and Evangeline aquifers for 2010 could not be exactly recreated. However, the general configuration of the recreated 2010 surface matches well with the previously created 2010 surface (i.e., gradient direction, gradient magnitude, general water-level elevations, etc.). In addition, the water-level change surfaces created using the recreated 2010 surface also matched well with the previously created water-level change surfaces.

3.2 Groundwater Elevation Change Surfaces

Groundwater elevation change maps (surfaces) were generated for the Chicot and Evangeline aquifers depicting groundwater increase or decrease (drawdown) throughout the 18-year period of record. The maps display the change in water-level elevations computed from data measured in 2005, 2010, 2015, and 2018 compared to the baseline water-level elevations measured in 2000 (Figures 4A-4E for combined Chicot/Evangeline and Figures 5A-5E for Chicot aquifer only). The five-year span between comparisons reduces the effects of short-to-moderate-term seasonal precipitation fluctuations and groundwater withdrawal. These change maps display increases in water-level elevation in blue and decreases (drawdown) in red. Additional maps were also created comparing water-levels measured from 2010, 2015, 2017 and 2018 to baseline values in 2005, 2010, 2015, and 2017 (Figures 4F-4O for combined Chicot/Evangeline and Figures and 5F-5O for Chicot aquifer only).

The general methodology for creating a groundwater elevation change surface is to subtract a selected potentiometric surface from a selected baseline potentiometric surface. Groundwater elevation change surfaces were prepared using the spatial analyst extension and the tool *"Raster Calculator."* During this process, spatial statistics for each surface were computed for the minimum, maximum, standard deviation, and average groundwater elevation change across the surface and are noted on each map. Groundwater elevation change maps computed relative to the year 2000 surface for combined Chicot/Evangeline measurements were contoured in 10-foot intervals. Due to a decrease in variance between high and low values, groundwater elevation change maps computed relative to the years 2005, 2010, 2015 and 2017 were contoured in 2-foot intervals with symbology and labeling adjusted accordingly.

3.3 Hydrographs

Hydrographs were generated for all wells measured within Victoria County (Figure 6) and include all measurements made within the first three months of each year from 2000 to 2018 (Figures 7A-7E). Excel was used to generate the hydrographs and display the trend of groundwater elevation through time.

4.0 LIMITATIONS OF USE

The water-level elevation database developed, and the maps created using the database were generated from data provided by the VCGCD and ArcGIS Online. The intended use of the estimated elevation and elevation change surfaces is to provide a generalized view of potentiometric surface conditions through time. The accuracy of provided data relies on the vertical datum used for topographic elevations, the physical collection of elevation data, and predicted values generated through kriging interpolation. Generated maps offer a simplified look at a complex hydrogeologic system. Potentiometric surfaces and water-level change surfaces were impacted by varying well coverage from year to year. For example, determining the baseline condition (year 2000) to which comparisons were made was impacted by the limited data coverage for that period of time. Although 106 wells were used to generate the baseline surface for 2000, only 15 of these wells were located within Victoria County. To the extent any single surface does not accurately represent real conditions of the aquifer, the inaccuracy will be propagated through any related analysis.

5.0 RESULTS

Appendix A contains the water-level evaluation results for the Chicot and Evangeline aquifers. Specific map and table outputs are described below.

Table 1: Summary of the analysis extent, contour interval, measurement year, and aquifer data queried for each generated map.

Table 2: Tabulated summary of water-level data used for kriging interpolation.

Figures 1A-1F: Potentiometric surface maps for combined Chicot/Evangeline aquifers for years 2000, 2005, 2010, 2015, 2017 and 2018 across the entirety of GMA 15. These maps show water levels collected from wells that are adjusted to ground surface elevations and contoured using the program ArcMap.

Figures 2A-2F: Potentiometric surface maps for combined Chicot/Evangeline aquifers for years 2000, 2005, 2010, 2015, 2017 and 2018 in Victoria County. These maps depict water levels collected from wells that are adjusted to ground surface elevations and contoured using the program ArcMap.

Figures 3A-3F: Potentiometric surface maps using data exclusively from the Chicot aquifer for years 2000, 2005, 2010, 2015, 2017 and 2018 for Victoria County. These maps show water levels collected from wells that are adjusted to ground surface elevations and contoured using the program ArcMap.

Figures 4A-4O: Maps showing water-level elevation change for combined Chicot/Evangeline aquifers for Victoria County. These maps depict the contoured change in water-level elevations relative to the baseline conditions in the year 2000 (Figs. 4A-4E), 2005 (Figs. 4F-4I), 2010 (Figs. 4J-4L), 2015 (Fig. 4M -4N), and 2017 (Fig. 4O). The potentiometric surfaces for years 2000 and 2005/2010/2015/2017/2018 were compared using ArcMap, with the difference in water-level elevation shown by the various colors/ranges.

Figures 5A-5D: Maps showing water-level elevation change using data exclusively from the Chicot aquifer for Victoria County. These maps depict the contoured change in water-level elevations relative to the baseline conditions in the year 2000 (Figs. 5A-5E), 2005 (Figs. 5F-5I), 2010 (Figs. 5J-5I), 2015 (Fig. 5M-5N, and 2017 (Fig. 5O). The potentiometric surfaces for years 2000 and 2005/2010/2015/2017/2018 were compared using ArcMap, with the difference in water-level elevation shown by the various colors/ranges.

Figure 6: Well location map. Monitoring wells completed within the Chicot or Evangeline aquifers are indicated by a blue or magenta ring, respectively.

Figure 7A-7E: Hydrographs depicting water level fluctuations through time for wells completed within the Chicot and Evangeline aquifers in Victoria County.

6.0 CLOSING

Should you have any questions or require clarification of any the information presented in this memorandum, please contact Matthew Wickham at (361) 652-1756.

Sincerely,

GOLDER ASSOCIATES INC.

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Principal Hydrogeologist

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Attachments

Appendix A Water-level Elevation and Elevation Change Tables / Maps

APPENDIX A

Water-level Elevation and Elevation Change Tables / Maps

TABLE 1
Summary of Appendix A Figures

FIGURE	MEASUREMENT YEAR	AQUIFER DATA	ANALYSIS EXTENT	CONTOUR INTERVAL
Groundwater Elevation Maps - Groundwater Management Area 15				
Figure 1A	2000	Chicot and Evangeline	GMA 15	20'
Figure 1B	2005	Chicot and Evangeline	GMA 15	20'
Figure 1C	2010	Chicot and Evangeline	GMA 15	20'
Figure 1D	2015	Chicot and Evangeline	GMA 15	20'
Figure 1E	2017	Chicot and Evangeline	GMA 15	20'
Figure 1F	2018	Chicot and Evangeline	GMA 15	20'
Groundwater Elevation Maps - Victoria County				
Figure 2A	2000	Chicot and Evangeline	Victoria County	10'
Figure 2B	2005	Chicot and Evangeline	Victoria County	10'
Figure 2C	2010	Chicot and Evangeline	Victoria County	10'
Figure 2D	2015	Chicot and Evangeline	Victoria County	10'
Figure 2E	2017	Chicot and Evangeline	Victoria County	10'
Figure 2F	2018	Chicot and Evangeline	Victoria County	10'
Figure 3A	2000	Chicot	Victoria County	10'
Figure 3B	2005	Chicot	Victoria County	10'
Figure 3C	2010	Chicot	Victoria County	10'
Figure 3D	2015	Chicot	Victoria County	10'
Figure 3E	2017	Chicot	Victoria County	10'
Figure 3F	2018	Chicot	Victoria County	10'
Water-Level Elevation Comparison Maps - Victoria County				
Figure 4A	2000 to 2005	Chicot and Evangeline	Victoria County	10'
Figure 4B	2000 to 2010	Chicot and Evangeline	Victoria County	10'
Figure 4C	2000 to 2015	Chicot and Evangeline	Victoria County	10'
Figure 4D	2000 to 2017	Chicot and Evangeline	Victoria County	10'
Figure 4E	2000 to 2018	Chicot and Evangeline	Victoria County	2'
Figure 4F	2005 to 2010	Chicot and Evangeline	Victoria County	2'
Figure 4G	2005 to 2015	Chicot and Evangeline	Victoria County	2'
Figure 4H	2005 to 2017	Chicot and Evangeline	Victoria County	2'
Figure 4I	2005 to 2018	Chicot and Evangeline	Victoria County	2'
Figure 4J	2010 to 2015	Chicot and Evangeline	Victoria County	2'
Figure 4K	2010 to 2017	Chicot and Evangeline	Victoria County	2'
Figure 4L	2010 to 2018	Chicot and Evangeline	Victoria County	2'
Figure 4M	2015 to 2017	Chicot and Evangeline	Victoria County	2'
Figure 4N	2015 to 2018	Chicot and Evangeline	Victoria County	2'
Figure 4O	2017 to 2018	Chicot and Evangeline	Victoria County	2'
Figure 5A	2000 to 2005	Chicot	Victoria County	2'
Figure 5B	2000 to 2010	Chicot	Victoria County	2'
Figure 5C	2000 to 2015	Chicot	Victoria County	2'
Figure 5D	2000 to 2017	Chicot	Victoria County	2'
Figure 5E	2000 to 2018	Chicot	Victoria County	2'
Figure 5F	2005 to 2010	Chicot	Victoria County	2'
Figure 5G	2005 to 2015	Chicot	Victoria County	2'
Figure 5H	2005 to 2017	Chicot	Victoria County	2'
Figure 5I	2005 to 2018	Chicot	Victoria County	2'
Figure 5J	2010 to 2015	Chicot	Victoria County	2'
Figure 5K	2010 to 2017	Chicot	Victoria County	2'

TABLE 1
Summary of Appendix A Figures

FIGURE	MEASUREMENT YEAR	AQUIFER DATA	ANALYSIS EXTENT	CONTOUR INTERVAL
Figure 5L	2010 to 2018	Chicot	Victoria County	2'
Figure 5M	2015 to 2017	Chicot	Victoria County	2'
Figure 5N	2015 to 2018	Chicot	Victoria County	2'
Figure 5O	2017 to 2018	Chicot	Victoria County	2'
Well Location Map				
Figure 6	--	--	--	--
Hydrographs				
Figure 7A-7B	--	Evangeline	Victoria County	--
Figure 7C-7E	--	Chicot	Victoria County	--

Table 2
Groundwater Elevation Data Summary

Aquifer	Well ID	Date	Latitude	Longitude	Well Depth (ft)	Water Table Elevation (ft)	County	Well Type
Chicot	6541401	2/16/2000	29.2955556	-95.9869444	90	**52.55**	Wharton	TWDB Current Observation Well
Chicot	6541401	2/10/2005	29.2955556	-95.9869444	90	**62.9**	Wharton	TWDB Current Observation Well
Chicot	6541401	1/28/2010	29.2955556	-95.9869444	90	**53.72**	Wharton	TWDB Current Observation Well
Chicot	6541401	3/23/2017	29.2955556	-95.9869444	90	**49.27**	Wharton	TWDB Current Observation Well
Chicot	6541401	1/11/2018	29.2955556	-95.9869444	90	**51.9**	Wharton	TWDB Current Observation Well
Chicot	6541402	2/10/2005	29.3036111	-95.97	338	**45.3**	Wharton	TWDB Current Observation Well
Chicot	6541402	1/28/2010	29.3036111	-95.97	338	**37.3**	Wharton	TWDB Current Observation Well
Chicot	6541402	3/23/2017	29.3036111	-95.97	338	**30.1**	Wharton	TWDB Current Observation Well
Chicot	6541402	1/11/2018	29.3036111	-95.97	338	**29.32**	Wharton	TWDB Current Observation Well
Chicot	6541707	2/16/2000	29.2761111	-95.9641667	499	**29.8**	Wharton	TWDB Current Observation Well
Chicot	6541707	2/10/2005	29.2761111	-95.9641667	499	**35.06**	Wharton	TWDB Current Observation Well
Chicot	6541707	1/28/2010	29.2761111	-95.9641667	499	**29.17**	Wharton	TWDB Current Observation Well
Chicot	6541707	1/21/2015	29.2761111	-95.9641667	499	**26.05**	Wharton	TWDB Current Observation Well
Chicot	6541707	3/23/2017	29.2761111	-95.9641667	499	**29.49**	Wharton	TWDB Current Observation Well
Chicot	6541707	1/11/2018	29.2761111	-95.9641667	499	**29.49**	Wharton	TWDB Current Observation Well
Chicot	6541805	2/16/2000	29.258056	-95.949722	50	**63.39**	Wharton	Historical Observation Well
Chicot	6541805	2/10/2005	29.258056	-95.949722	50	**73.25**	Wharton	Historical Observation Well
Chicot	6541805	3/1/2005	29.258056	-95.949722	50	**71.8**	Wharton	Historical Observation Well
Chicot	6549901	2/9/2005	29.145278	-95.893334	375	**29.1**	Matagorda	GCD Current Observation Well
Chicot	6549901	1/1/2010	29.145278	-95.893334	375	**26.2**	Matagorda	GCD Current Observation Well
Chicot	6549901	2/1/2010	29.145278	-95.893334	375	**26.2**	Matagorda	GCD Current Observation Well
Chicot	6549901	3/1/2010	29.145278	-95.893334	375	**26.1**	Matagorda	GCD Current Observation Well
Chicot	6549901	1/1/2015	29.145278	-95.893334	375	**23.5**	Matagorda	GCD Current Observation Well
Chicot	6549901	2/1/2015	29.145278	-95.893334	375	**22.9**	Matagorda	GCD Current Observation Well
Chicot	6549901	3/1/2015	29.145278	-95.893334	375	**22.8**	Matagorda	GCD Current Observation Well
Chicot	6549901	1/1/2017	29.145278	-95.893334	375	**25.5**	Matagorda	GCD Current Observation Well
Chicot	6549901	2/1/2017	29.145278	-95.893334	375	**24.9**	Matagorda	GCD Current Observation Well
Chicot	6549901	3/1/2017	29.145278	-95.893334	375	**24.8**	Matagorda	GCD Current Observation Well
Chicot	6557802	1/1/2015	29.0280556	-95.9316667	315	**2.2**	Matagorda	GCD Current Observation Well
Chicot	6557802	2/1/2015	29.0280556	-95.9316667	315	**5.5**	Matagorda	GCD Current Observation Well
Chicot	6557802	3/1/2015	29.0280556	-95.9316667	315	**7.2**	Matagorda	GCD Current Observation Well
Chicot	6557802	1/1/2017	29.0280556	-95.9316667	315	**4.2**	Matagorda	GCD Current Observation Well
Chicot	6557802	2/1/2017	29.0280556	-95.9316667	315	**3.8**	Matagorda	GCD Current Observation Well
Chicot	6557802	3/1/2017	29.0280556	-95.9316667	315	**4.7**	Matagorda	GCD Current Observation Well
Evangeline	6612204	1/25/2000	29.8672917	-96.5689889	140	**283.13**	Colorado	TWDB Current Observation Well
Evangeline	6612204	2/3/2005	29.8672917	-96.5689889	140	**284.77**	Colorado	TWDB Current Observation Well
Evangeline	6612204	1/5/2010	29.8672917	-96.5689889	140	**282.4**	Colorado	TWDB Current Observation Well
Evangeline	6612204	1/29/2015	29.8672917	-96.5689889	140	**281.22**	Colorado	TWDB Current Observation Well
Evangeline	6612204	2/22/2017	29.8672917	-96.5689889	140	**284.85**	Colorado	TWDB Current Observation Well
Evangeline	6612204	1/8/2018	29.8672917	-96.5689889	140	**283.3**	Colorado	TWDB Current Observation Well
Evangeline	6612603	1/5/2010	29.8049194	-96.5354611	188	**208.32**	Colorado	TWDB Current Observation Well
Evangeline	6612603	1/29/2015	29.8049194	-96.5354611	188	**206.21**	Colorado	TWDB Current Observation Well
Evangeline	6612603	2/22/2017	29.8049194	-96.5354611	188	**208.12**	Colorado	TWDB Current Observation Well
Evangeline	6612603	1/8/2018	29.8049194	-96.5354611	188	**208.88**	Colorado	TWDB Current Observation Well
Chicot	6614703	1/25/2000	29.7855556	-96.3647222	71	**244.14**	Colorado	TWDB Current Observation Well
Chicot	6614703	2/3/2005	29.7855556	-96.3647222	71	**251.1**	Colorado	TWDB Current Observation Well
Chicot	6614703	1/29/2015	29.7855556	-96.3647222	71	**240.6**	Colorado	TWDB Current Observation Well
Chicot	6614703	2/23/2017	29.7855556	-96.3647222	71	**214.39**	Colorado	TWDB Current Observation Well
Chicot	6614703	1/8/2018	29.7855556	-96.3647222	71	**241.73**	Colorado	TWDB Current Observation Well
Evangeline	6619804	1/25/2000	29.6451444	-96.6867611	140	**280.32**	Colorado	TWDB Current Observation Well
Evangeline	6619804	2/3/2005	29.6451444	-96.6867611	140	**282.45**	Colorado	TWDB Current Observation Well
Evangeline	6619804	1/29/2015	29.6451444	-96.6867611	140	**278.26**	Colorado	TWDB Current Observation Well
Evangeline	6619804	2/22/2017	29.6451444	-96.6867611	140	**278.95**	Colorado	TWDB Current Observation Well
Evangeline	6619804	1/8/2018	29.6451444	-96.6867611	140	**279.38**	Colorado	TWDB Current Observation Well
Evangeline	6620602	2/3/2005	29.7053694	-96.5377583	312	**151.97**	Colorado	TWDB Current Observation Well
Evangeline	6620602	1/29/2015	29.7053694	-96.5377583	312	**147.95**	Colorado	TWDB Current Observation Well
Evangeline	6620602	2/23/2017	29.7053694	-96.5377583	312	**153.33**	Colorado	TWDB Current Observation Well
Evangeline	6620602	1/8/2018	29.7053694	-96.5377583	312	**159.39**	Colorado	TWDB Current Observation Well
Evangeline	6622201	1/25/2000	29.7269444	-96.3213889	995	**190.54**	Colorado	TWDB Current Observation Well
Evangeline	6622201	2/3/2005	29.7269444	-96.3213889	995	**193.65**	Colorado	TWDB Current Observation Well
Evangeline	6622201	1/29/2015	29.7269444	-96.3213889	995	**185.9**	Colorado	TWDB Current Observation Well
Evangeline	6622201	2/23/2017	29.7269444	-96.3213889	995	**192.68**	Colorado	TWDB Current Observation Well
Evangeline	6622201	1/8/2018	29.7269444	-96.3213889	995	**189.89**	Colorado	TWDB Current Observation Well
Evangeline	6625103	2/24/2000	29.5997222	-96.96	43	**267.86**	Lavaca	TWDB Current Observation Well

Table 2
Groundwater Elevation Data Summary

Aquifer	Well ID	Date	Latitude	Longitude	Well Depth (ft)	Water Table Elevation (ft)	County	Well Type
Evangeline	6625103	3/24/2005	29.5997222	-96.96	43	**275.6**	Lavaca	TWDB Current Observation Well
Evangeline	6625103	1/28/2015	29.5997222	-96.96	43	**263.47**	Lavaca	TWDB Current Observation Well
Evangeline	6625103	2/22/2017	29.5997222	-96.96	43	**266.92**	Lavaca	TWDB Current Observation Well
Evangeline	6625103	1/9/2018	29.5997222	-96.96	43	**266.48**	Lavaca	TWDB Current Observation Well
Evangeline	6626202	1/25/2000	29.5931361	-96.8323611	126	**207.34**	Colorado	TWDB Current Observation Well
Evangeline	6626202	2/3/2005	29.5931361	-96.8323611	126	**211.9**	Colorado	TWDB Current Observation Well
Evangeline	6626202	1/28/2015	29.5931361	-96.8323611	126	**206.39**	Colorado	TWDB Current Observation Well
Evangeline	6626202	2/22/2017	29.5931361	-96.8323611	126	**209.88**	Colorado	TWDB Current Observation Well
Evangeline	6626202	1/9/2018	29.5931361	-96.8323611	126	**208.98**	Colorado	TWDB Current Observation Well
Evangeline	6631106	1/1/2010	29.598056	-96.2375	900	**120.7**	Colorado	GCD Current Observation Well
Evangeline	6631106	2/1/2010	29.598056	-96.2375	900	**123.3**	Colorado	GCD Current Observation Well
Evangeline	6631106	3/1/2010	29.598056	-96.2375	900	**123.9**	Colorado	GCD Current Observation Well
Evangeline	6631107	1/5/2015	29.5986111	-96.2141667	450	**102.54**	Wharton	GCD Recorder Well
Evangeline	6631107	1/10/2015	29.5986111	-96.2141667	450	**103.53**	Wharton	GCD Recorder Well
Evangeline	6631107	1/15/2015	29.5986111	-96.2141667	450	**104.47**	Wharton	GCD Recorder Well
Evangeline	6631107	1/19/2015	29.5986111	-96.2141667	450	**105.21**	Wharton	GCD Recorder Well
Evangeline	6631107	1/20/2015	29.5986111	-96.2141667	450	**105.73**	Wharton	GCD Recorder Well
Evangeline	6631107	1/25/2015	29.5986111	-96.2141667	450	**106.49**	Wharton	GCD Recorder Well
Evangeline	6631107	1/30/2015	29.5986111	-96.2141667	450	**107.17**	Wharton	GCD Recorder Well
Evangeline	6631107	1/30/2015	29.5986111	-96.2141667	450	**108.05**	Wharton	GCD Recorder Well
Evangeline	6631107	2/10/2015	29.5986111	-96.2141667	450	**108.78**	Wharton	GCD Recorder Well
Evangeline	6631107	2/15/2015	29.5986111	-96.2141667	450	**109.4**	Wharton	GCD Recorder Well
Evangeline	6631107	2/20/2015	29.5986111	-96.2141667	450	**110.04**	Wharton	GCD Recorder Well
Evangeline	6631107	2/25/2015	29.5986111	-96.2141667	450	**110.59**	Wharton	GCD Recorder Well
Evangeline	6631107	2/28/2015	29.5986111	-96.2141667	450	**110.87**	Wharton	GCD Recorder Well
Evangeline	6631107	3/5/2015	29.5986111	-96.2141667	450	**111.36**	Wharton	GCD Recorder Well
Evangeline	6631107	3/10/2015	29.5986111	-96.2141667	450	**111.83**	Wharton	GCD Recorder Well
Evangeline	6631107	3/15/2015	29.5986111	-96.2141667	450	**112.16**	Wharton	GCD Recorder Well
Evangeline	6631107	3/20/2015	29.5986111	-96.2141667	450	**112.71**	Wharton	GCD Recorder Well
Evangeline	6631107	3/25/2015	29.5986111	-96.2141667	450	**113.06**	Wharton	GCD Recorder Well
Evangeline	6631107	3/30/2015	29.5986111	-96.2141667	450	**113.35**	Wharton	GCD Recorder Well
Evangeline	6631107	1/1/2017	29.5986111	-96.2141667	450	**111**	Wharton	GCD Recorder Well
Evangeline	6631107	1/5/2017	29.5986111	-96.2141667	450	**111.4**	Wharton	GCD Recorder Well
Evangeline	6631107	1/10/2017	29.5986111	-96.2141667	450	**112.14**	Wharton	GCD Recorder Well
Evangeline	6631107	1/15/2017	29.5986111	-96.2141667	450	**113.02**	Wharton	GCD Recorder Well
Evangeline	6631107	1/20/2017	29.5986111	-96.2141667	450	**114.01**	Wharton	GCD Recorder Well
Evangeline	6631107	1/25/2017	29.5986111	-96.2141667	450	**114.59**	Wharton	GCD Recorder Well
Evangeline	6631107	1/30/2017	29.5986111	-96.2141667	450	**115.31**	Wharton	GCD Recorder Well
Evangeline	6631107	2/1/2017	29.5986111	-96.2141667	450	**115.5**	Wharton	GCD Recorder Well
Evangeline	6631107	2/5/2017	29.5986111	-96.2141667	450	**116.25**	Wharton	GCD Recorder Well
Evangeline	6631107	2/10/2017	29.5986111	-96.2141667	450	**116.89**	Wharton	GCD Recorder Well
Evangeline	6631107	2/15/2017	29.5986111	-96.2141667	450	**117.52**	Wharton	GCD Recorder Well
Evangeline	6631107	2/20/2017	29.5986111	-96.2141667	450	**118.17**	Wharton	GCD Recorder Well
Evangeline	6631107	2/25/2017	29.5986111	-96.2141667	450	**118.53**	Wharton	GCD Recorder Well
Evangeline	6631107	3/1/2017	29.5986111	-96.2141667	450	**117.8**	Wharton	GCD Recorder Well
Evangeline	6631107	3/5/2017	29.5986111	-96.2141667	450	**119.17**	Wharton	GCD Recorder Well
Evangeline	6631107	3/10/2017	29.5986111	-96.2141667	450	**119.47**	Wharton	GCD Recorder Well
Evangeline	6631107	3/15/2017	29.5986111	-96.2141667	450	**119.75**	Wharton	GCD Recorder Well
Evangeline	6631107	3/20/2017	29.5986111	-96.2141667	450	**120.02**	Wharton	GCD Recorder Well
Evangeline	6631107	3/23/2017	29.5986111	-96.2141667	450	**120.21**	Wharton	GCD Recorder Well
Evangeline	6631107	3/25/2017	29.5986111	-96.2141667	450	**120.47**	Wharton	GCD Recorder Well
Evangeline	6631107	3/30/2017	29.5986111	-96.2141667	450	**120.78**	Wharton	GCD Recorder Well
Evangeline	6631107	1/5/2018	29.5986111	-96.2141667	450	**114.56**	Wharton	GCD Recorder Well
Evangeline	6631107	1/8/2018	29.5986111	-96.2141667	450	**115.05**	Wharton	GCD Recorder Well
Evangeline	6631107	1/10/2018	29.5986111	-96.2141667	450	**115.47**	Wharton	GCD Recorder Well
Evangeline	6631107	1/15/2018	29.5986111	-96.2141667	450	**116.18**	Wharton	GCD Recorder Well
Evangeline	6631107	1/20/2018	29.5986111	-96.2141667	450	**116.97**	Wharton	GCD Recorder Well
Evangeline	6631107	1/25/2018	29.5986111	-96.2141667	450	**117.55**	Wharton	GCD Recorder Well
Evangeline	6631107	1/30/2018	29.5986111	-96.2141667	450	**118.24**	Wharton	GCD Recorder Well
Evangeline	6631107	2/5/2018	29.5986111	-96.2141667	450	**118.97**	Wharton	GCD Recorder Well
Evangeline	6631107	2/10/2018	29.5986111	-96.2141667	450	**119.56**	Wharton	GCD Recorder Well
Evangeline	6631107	2/15/2018	29.5986111	-96.2141667	450	**119.86**	Wharton	GCD Recorder Well
Evangeline	6631107	2/20/2018	29.5986111	-96.2141667	450	**120.23**	Wharton	GCD Recorder Well
Evangeline	6631107	2/25/2018	29.5986111	-96.2141667	450	**120.65**	Wharton	GCD Recorder Well

Table 2
Groundwater Elevation Data Summary

Aquifer	Well ID	Date	Latitude	Longitude	Well Depth (ft)	Water Table Elevation (ft)	County	Well Type
Evangeline	6631107	3/5/2018	29.5986111	-96.2141667	450	**121.2**	Wharton	GCD Recorder Well
Evangeline	6631107	3/10/2018	29.5986111	-96.2141667	450	**121.52**	Wharton	GCD Recorder Well
Evangeline	6631107	3/15/2018	29.5986111	-96.2141667	450	**121.71**	Wharton	GCD Recorder Well
Evangeline	6631107	3/20/2018	29.5986111	-96.2141667	450	**121.65**	Wharton	GCD Recorder Well
Evangeline	6631107	3/25/2018	29.5986111	-96.2141667	450	**121.64**	Wharton	GCD Recorder Well
Evangeline	6631107	3/30/2018	29.5986111	-96.2141667	450	**121.64**	Wharton	GCD Recorder Well
Chicot	6631504	2/15/2000	29.5466667	-96.1836111	178	**103.14**	Wharton	TWDB Current Observation Well
Chicot	6631504	2/22/2005	29.5466667	-96.1836111	178	**106.54**	Wharton	TWDB Current Observation Well
Chicot	6631504	1/19/2015	29.5466667	-96.1836111	178	**85.9**	Wharton	TWDB Current Observation Well
Chicot	6631504	3/23/2017	29.5466667	-96.1836111	178	**102.77**	Wharton	TWDB Current Observation Well
Chicot	6631504	1/8/2018	29.5466667	-96.1836111	178	**100.77**	Wharton	TWDB Current Observation Well
Chicot	6632809	2/22/2005	29.5205556	-96.0619444	320	**76.6**	Wharton	TWDB Current Observation Well
Chicot	6632809	1/29/2015	29.5205556	-96.0619444	320	**72.3**	Wharton	TWDB Current Observation Well
Chicot	6632809	3/23/2017	29.5205556	-96.0619444	320	**74.93**	Wharton	TWDB Current Observation Well
Chicot	6632809	1/8/2018	29.5205556	-96.0619444	320	**74.18**	Wharton	TWDB Current Observation Well
Chicot	6634201	2/24/2000	29.4673111	-96.8128639	48	**176.8**	Lavaca	TWDB Current Observation Well
Chicot	6634201	3/18/2005	29.4673111	-96.8128639	48	**178.61**	Lavaca	TWDB Current Observation Well
Chicot	6634201	1/6/2010	29.4673111	-96.8128639	48	**176.37**	Lavaca	TWDB Current Observation Well
Chicot	6634201	1/28/2015	29.4673111	-96.8128639	48	**173.75**	Lavaca	TWDB Current Observation Well
Chicot	6634201	2/21/2017	29.4673111	-96.8128639	48	**175.55**	Lavaca	TWDB Current Observation Well
Chicot	6634201	1/9/2018	29.4673111	-96.8128639	48	**175.1**	Lavaca	TWDB Current Observation Well
Evangeline	6634202	2/24/2000	29.4654194	-96.8188556	61	**178.28**	Lavaca	TWDB Current Observation Well
Evangeline	6634202	3/18/2005	29.4654194	-96.8188556	61	**181.91**	Lavaca	TWDB Current Observation Well
Evangeline	6634202	1/5/2010	29.4654194	-96.8188556	61	**176.2**	Lavaca	TWDB Current Observation Well
Evangeline	6634202	1/5/2010	29.4654194	-96.8188556	61	**174.47**	Lavaca	TWDB Current Observation Well
Evangeline	6634202	2/21/2017	29.4654194	-96.8188556	61	**177.35**	Lavaca	TWDB Current Observation Well
Evangeline	6634202	1/9/2018	29.4654194	-96.8188556	61	**177.48**	Lavaca	TWDB Current Observation Well
Chicot	6634207	3/24/2005	29.480325	-96.7965917	120	**181.75**	Lavaca	TWDB Current Observation Well
Chicot	6634207	1/5/2010	29.480325	-96.7965917	120	**178.98**	Lavaca	TWDB Current Observation Well
Chicot	6634207	1/28/2015	29.480325	-96.7965917	120	**176.1**	Lavaca	TWDB Current Observation Well
Chicot	6634207	2/21/2017	29.480325	-96.7965917	120	**178.93**	Lavaca	TWDB Current Observation Well
Chicot	6634207	1/9/2018	29.480325	-96.7965917	120	**178.99**	Lavaca	TWDB Current Observation Well
Chicot	6634902	2/24/2000	29.380833	-96.783611	30	**149.6**	Lavaca	Historical Observation Well
Chicot	6634903	2/24/2000	29.379167	-96.789167	41	**151.52**	Lavaca	Historical Observation Well
Chicot	6637601	1/25/2000	29.435834	-96.411667	200	**124.72**	Colorado	Historical Observation Well
Chicot	6637601	2/4/2005	29.435834	-96.411667	200	**131.78**	Colorado	Historical Observation Well
Chicot	6637607	1/25/2000	29.4567611	-96.4168583	318	**124.21**	Colorado	TWDB Current Observation Well
Chicot	6637607	2/4/2005	29.4567611	-96.4168583	318	**127.92**	Colorado	TWDB Current Observation Well
Chicot	6637607	1/28/2015	29.4567611	-96.4168583	318	**119.41**	Colorado	TWDB Current Observation Well
Chicot	6637607	2/21/2017	29.4567611	-96.4168583	318	**123.1**	Colorado	TWDB Current Observation Well
Chicot	6637607	1/8/2018	29.4567611	-96.4168583	318	**125.81**	Colorado	TWDB Current Observation Well
Chicot	6638202	2/15/2000	29.4630556	-96.3094444	65	**126.03**	Wharton	TWDB Current Observation Well
Chicot	6638202	2/22/2005	29.4630556	-96.3094444	65	**133.3**	Wharton	TWDB Current Observation Well
Chicot	6638202	3/30/2010	29.4630556	-96.3094444	65	**124.44**	Wharton	TWDB Current Observation Well
Chicot	6638202	1/19/2015	29.4630556	-96.3094444	65	**116.1**	Wharton	TWDB Current Observation Well
Chicot	6638202	1/8/2018	29.4630556	-96.3094444	65	**124.55**	Wharton	TWDB Current Observation Well
Chicot	6638301	2/22/2005	29.4852778	-96.2719444	288	**120.2**	Wharton	TWDB Current Observation Well
Chicot	6638301	3/30/2010	29.4852778	-96.2719444	288	**118.67**	Wharton	TWDB Current Observation Well
Chicot	6638301	2/23/2017	29.4852778	-96.2719444	288	**112.3**	Wharton	TWDB Current Observation Well
Chicot	6638301	1/8/2018	29.4852778	-96.2719444	288	**111.2**	Wharton	TWDB Current Observation Well
Chicot	6638302	1/1/2010	29.49	-96.268055	698	**108.9**	Wharton	GCD Current Observation Well
Chicot	6638302	2/1/2010	29.49	-96.268055	698	**110.3**	Wharton	GCD Current Observation Well
Chicot	6638302	3/1/2010	29.49	-96.268055	698	**110.9**	Wharton	GCD Current Observation Well
Chicot	6638302	1/1/2015	29.49	-96.268055	698	**89.6**	Wharton	GCD Current Observation Well
Chicot	6638302	2/1/2015	29.49	-96.268055	698	**94.6**	Wharton	GCD Current Observation Well
Chicot	6638302	3/1/2015	29.49	-96.268055	698	**97.3**	Wharton	GCD Current Observation Well
Chicot	6638304	2/22/2005	29.4625	-96.2891667	113	**120.45**	Wharton	TWDB Current Observation Well
Chicot	6638304	3/30/2010	29.4625	-96.2891667	113	**116.88**	Wharton	TWDB Current Observation Well
Chicot	6638304	1/19/2015	29.4625	-96.2891667	113	**105.3**	Wharton	TWDB Current Observation Well
Chicot	6638304	2/23/2017	29.4625	-96.2891667	113	**110.1**	Wharton	TWDB Current Observation Well
Chicot	6638304	1/8/2018	29.4625	-96.2891667	113	**110.77**	Wharton	TWDB Current Observation Well
Chicot	6638801	2/15/2000	29.4030556	-96.3002778	116	**102.19**	Wharton	TWDB Current Observation Well
Chicot	6638801	2/22/2005	29.4030556	-96.3002778	116	**107.58**	Wharton	TWDB Current Observation Well
Chicot	6638801	3/30/2010	29.4030556	-96.3002778	116	**101.74**	Wharton	TWDB Current Observation Well

Table 2
Groundwater Elevation Data Summary

Aquifer	Well ID	Date	Latitude	Longitude	Well Depth (ft)	Water Table Elevation (ft)	County	Well Type
Chicot	6638801	1/19/2015	29.4030556	-96.3002778	116	**96.35**	Wharton	TWDB Current Observation Well
Chicot	6638801	2/23/2017	29.4030556	-96.3002778	116	**101.4**	Wharton	TWDB Current Observation Well
Chicot	6638801	1/8/2018	29.4030556	-96.3002778	116	**103.12**	Wharton	TWDB Current Observation Well
Chicot	6639701	2/15/2000	29.386945	-96.2225	214	**97.88**	Wharton	Historical Observation Well
Chicot	6639801	2/15/2000	29.3838889	-96.1836111	300	**82.11**	Wharton	TWDB Current Observation Well
Chicot	6639801	2/22/2005	29.3838889	-96.1836111	300	**86.3**	Wharton	TWDB Current Observation Well
Chicot	6639801	3/30/2010	29.3838889	-96.1836111	300	**82.29**	Wharton	TWDB Current Observation Well
Chicot	6639801	1/19/2015	29.3838889	-96.1836111	300	**73.7**	Wharton	TWDB Current Observation Well
Chicot	6639801	3/24/2017	29.3838889	-96.1836111	300	**79.08**	Wharton	TWDB Current Observation Well
Chicot	6639801	1/12/2018	29.3838889	-96.1836111	300	**79.66**	Wharton	TWDB Current Observation Well
Chicot	6640401	3/1/2005	29.4475	-96.114445	442	**71.9**	Wharton	GCD Current Observation Well
Chicot	6640401	1/1/2010	29.4475	-96.114445	442	**67.3**	Wharton	GCD Current Observation Well
Chicot	6640401	2/1/2010	29.4475	-96.114445	442	**69**	Wharton	GCD Current Observation Well
Chicot	6640401	3/1/2010	29.4475	-96.114445	442	**69.5**	Wharton	GCD Current Observation Well
Chicot	6640401	1/1/2015	29.4475	-96.114445	442	**57.9**	Wharton	GCD Current Observation Well
Chicot	6640401	2/1/2015	29.4475	-96.114445	442	**60.9**	Wharton	GCD Current Observation Well
Chicot	6640401	3/1/2015	29.4475	-96.114445	442	**63.1**	Wharton	GCD Current Observation Well
Chicot	6640401	1/1/2017	29.4475	-96.114445	442	**62.2**	Wharton	GCD Current Observation Well
Chicot	6640401	2/1/2017	29.4475	-96.114445	442	**64**	Wharton	GCD Current Observation Well
Chicot	6640401	3/1/2017	29.4475	-96.114445	442	**64.8**	Wharton	GCD Current Observation Well
Evangeline	6641903	2/24/2000	29.2605778	-96.8948389	335	**119.68**	Lavaca	TWDB Current Observation Well
Evangeline	6641903	3/17/2005	29.2605778	-96.8948389	335	**128.26**	Lavaca	TWDB Current Observation Well
Evangeline	6641903	1/5/2010	29.2605778	-96.8948389	335	**124.09**	Lavaca	TWDB Current Observation Well
Evangeline	6641903	1/27/2015	29.2605778	-96.8948389	335	**119.38**	Lavaca	TWDB Current Observation Well
Evangeline	6641903	2/20/2017	29.2605778	-96.8948389	335	**122.21**	Lavaca	TWDB Current Observation Well
Evangeline	6641903	1/11/2018	29.2605778	-96.8948389	335	**122.7**	Lavaca	TWDB Current Observation Well
Evangeline	6642902	2/24/2000	29.2697222	-96.7519444	576	**55.78**	Lavaca	TWDB Current Observation Well
Evangeline	6642902	3/17/2005	29.2697222	-96.7519444	576	**79.76**	Lavaca	TWDB Current Observation Well
Evangeline	6642902	1/6/2010	29.2697222	-96.7519444	576	**69.65**	Lavaca	TWDB Current Observation Well
Evangeline	6642902	1/27/2015	29.2697222	-96.7519444	576	**72.8**	Lavaca	TWDB Current Observation Well
Evangeline	6642902	2/21/2017	29.2697222	-96.7519444	576	**70.5**	Lavaca	TWDB Current Observation Well
Evangeline	6642902	1/10/2018	29.2697222	-96.7519444	576	**79.22**	Lavaca	TWDB Current Observation Well
Chicot	6643704	2/24/2000	29.2741667	-96.7138889	34	**113.81**	Lavaca	TWDB Current Observation Well
Chicot	6643704	3/17/2005	29.2741667	-96.7138889	34	**118.23**	Lavaca	TWDB Current Observation Well
Chicot	6643704	1/6/2010	29.2741667	-96.7138889	34	**113.25**	Lavaca	TWDB Current Observation Well
Chicot	6643704	1/27/2015	29.2741667	-96.7138889	34	**109.13**	Lavaca	TWDB Current Observation Well
Chicot	6643704	2/21/2017	29.2741667	-96.7138889	34	**114.89**	Lavaca	TWDB Current Observation Well
Chicot	6643704	1/10/2018	29.2741667	-96.7138889	34	**115.73**	Lavaca	TWDB Current Observation Well
Chicot	6645601	3/1/2005	29.33	-96.402501	429	**92.1**	Wharton	GCD Current Observation Well
Chicot	6645601	1/1/2010	29.33	-96.402501	429	**93.4**	Wharton	GCD Current Observation Well
Chicot	6645601	2/1/2010	29.33	-96.402501	429	**94.7**	Wharton	GCD Current Observation Well
Chicot	6645601	3/1/2010	29.33	-96.402501	429	**94.8**	Wharton	GCD Current Observation Well
Chicot	6645601	1/1/2015	29.33	-96.402501	429	**90.8**	Wharton	GCD Current Observation Well
Chicot	6645601	2/1/2015	29.33	-96.402501	429	**92.2**	Wharton	GCD Current Observation Well
Chicot	6645601	3/1/2015	29.33	-96.402501	429	**92.8**	Wharton	GCD Current Observation Well
Chicot	6645601	1/1/2017	29.33	-96.402501	429	**94.86**	Wharton	GCD Current Observation Well
Chicot	6645601	2/1/2017	29.33	-96.402501	429	**95.7**	Wharton	GCD Current Observation Well
Chicot	6645601	3/1/2017	29.33	-96.402501	429	**96.4**	Wharton	GCD Current Observation Well
Chicot	6645802	2/17/2000	29.2791667	-96.4302778	188	**52.72**	Wharton	TWDB Current Observation Well
Chicot	6645802	1/20/2015	29.2791667	-96.4302778	188	**71.9**	Wharton	TWDB Current Observation Well
Chicot	6645916	2/17/2000	29.2811111	-96.3902778	125	**65.3**	Wharton	TWDB Current Observation Well
Chicot	6645916	2/21/2005	29.2811111	-96.3902778	125	**74.1**	Wharton	TWDB Current Observation Well
Chicot	6645916	1/26/2010	29.2811111	-96.3902778	125	**75.82**	Wharton	TWDB Current Observation Well
Chicot	6645916	1/20/2015	29.2811111	-96.3902778	125	**72.85**	Wharton	TWDB Current Observation Well
Chicot	6645916	3/24/2017	29.2811111	-96.3902778	125	**78.29**	Wharton	TWDB Current Observation Well
Chicot	6645916	1/8/2018	29.2811111	-96.3902778	125	**76.7**	Wharton	TWDB Current Observation Well
Chicot	6646201	2/18/2000	29.3636111	-96.3230556	200	**91.69**	Wharton	TWDB Current Observation Well
Chicot	6646201	1/8/2018	29.3636111	-96.3230556	200	**95.05**	Wharton	TWDB Current Observation Well
Chicot	6646402	2/18/2000	29.3069444	-96.3480556	366	**75.97**	Wharton	TWDB Current Observation Well
Chicot	6646402	1/20/2015	29.3069444	-96.3480556	366	**77.51**	Wharton	TWDB Current Observation Well
Chicot	6646402	3/24/2017	29.3069444	-96.3480556	366	**82.18**	Wharton	TWDB Current Observation Well
Chicot	6646402	1/8/2018	29.3069444	-96.3480556	366	**82.06**	Wharton	TWDB Current Observation Well
Chicot	6646601	2/18/2000	29.3322222	-96.2913889	186	**82.77**	Wharton	TWDB Current Observation Well
Chicot	6646601	2/21/2005	29.3322222	-96.2913889	186	**85.1**	Wharton	TWDB Current Observation Well

Table 2
Groundwater Elevation Data Summary

Aquifer	Well ID	Date	Latitude	Longitude	Well Depth (ft)	Water Table Elevation (ft)	County	Well Type
Chicot	6646601	1/26/2010	29.3322222	-96.2913889	186	**81.23**	Wharton	TWDB Current Observation Well
Chicot	6646601	1/19/2015	29.3322222	-96.2913889	186	**80.11**	Wharton	TWDB Current Observation Well
Chicot	6646601	3/24/2017	29.3322222	-96.2913889	186	**84.94**	Wharton	TWDB Current Observation Well
Chicot	6646601	1/8/2018	29.3322222	-96.2913889	186	**85.4**	Wharton	TWDB Current Observation Well
Chicot	6646802	2/18/2000	29.278889	-96.308334	203	**67.98**	Wharton	Historical Observation Well
Chicot	6647101	2/16/2000	29.3341667	-96.2255556	319	**76.17**	Wharton	TWDB Current Observation Well
Chicot	6647101	1/28/2010	29.3341667	-96.2255556	319	**76.07**	Wharton	TWDB Current Observation Well
Chicot	6647101	1/19/2015	29.3341667	-96.2255556	319	**70.12**	Wharton	TWDB Current Observation Well
Chicot	6647101	3/24/2017	29.3341667	-96.2255556	319	**71.78**	Wharton	TWDB Current Observation Well
Chicot	6647201	2/22/2005	29.3511111	-96.1952778	244	**76.05**	Wharton	TWDB Current Observation Well
Chicot	6647201	1/28/2010	29.3511111	-96.1952778	244	**73.74**	Wharton	TWDB Current Observation Well
Chicot	6647201	1/19/2015	29.3511111	-96.1952778	244	**66.5**	Wharton	TWDB Current Observation Well
Chicot	6647201	3/24/2017	29.3511111	-96.1952778	244	**69.65**	Wharton	TWDB Current Observation Well
Chicot	6647201	1/12/2018	29.3511111	-96.1952778	244	**72.13**	Wharton	TWDB Current Observation Well
Chicot	6647703	2/16/2000	29.2691667	-96.2327778	242	**75.29**	Wharton	TWDB Current Observation Well
Chicot	6647703	2/10/2005	29.2691667	-96.2327778	242	**78.2**	Wharton	TWDB Current Observation Well
Chicot	6647703	1/28/2010	29.2691667	-96.2327778	242	**77.9**	Wharton	TWDB Current Observation Well
Chicot	6647703	1/20/2015	29.2691667	-96.2327778	242	**76.08**	Wharton	TWDB Current Observation Well
Chicot	6647703	3/24/2017	29.2691667	-96.2327778	242	**76.11**	Wharton	TWDB Current Observation Well
Chicot	6647904	2/10/2005	29.2583333	-96.1552778	340	**46**	Wharton	TWDB Current Observation Well
Chicot	6647904	1/28/2010	29.2583333	-96.1552778	340	**50.07**	Wharton	TWDB Current Observation Well
Chicot	6647904	1/11/2018	29.2583333	-96.1552778	340	**41.1**	Wharton	TWDB Current Observation Well
Chicot	6648404	2/18/2000	29.313889	-96.103889	760	**27.96**	Wharton	Historical Observation Well
Chicot	6648404	2/22/2005	29.313889	-96.103889	760	**42.3**	Wharton	Historical Observation Well
Chicot	6648502	2/16/2000	29.328889	-96.067778	70	**77.99**	Wharton	GCD Current Observation Well
Chicot	6648502	2/10/2005	29.328889	-96.067778	70	**87.84**	Wharton	GCD Current Observation Well
Chicot	6648502	3/1/2005	29.328889	-96.067778	70	**87.9**	Wharton	GCD Current Observation Well
Chicot	6648502	1/1/2010	29.328889	-96.067778	70	**78.9**	Wharton	GCD Current Observation Well
Chicot	6648502	2/1/2010	29.328889	-96.067778	70	**78.7**	Wharton	GCD Current Observation Well
Chicot	6648502	3/1/2010	29.328889	-96.067778	70	**79.2**	Wharton	GCD Current Observation Well
Chicot	6648502	1/1/2015	29.328889	-96.067778	70	**77.1**	Wharton	GCD Current Observation Well
Chicot	6648502	2/1/2015	29.328889	-96.067778	70	**77.6**	Wharton	GCD Current Observation Well
Chicot	6648502	3/1/2015	29.328889	-96.067778	70	**78.1**	Wharton	GCD Current Observation Well
Chicot	6648502	1/1/2017	29.328889	-96.067778	70	**78.5**	Wharton	GCD Current Observation Well
Chicot	6648502	2/1/2017	29.328889	-96.067778	70	**78.1**	Wharton	GCD Current Observation Well
Chicot	6648502	3/1/2017	29.328889	-96.067778	70	**78**	Wharton	GCD Current Observation Well
Chicot	6648601	2/10/2005	29.325	-96.019167	255	**78.25**	Wharton	Historical Observation Well
Chicot	6648701	2/16/2000	29.278611	-96.084445	90	**64.73**	Wharton	GCD Current Observation Well
Chicot	6648701	2/10/2005	29.278611	-96.084445	90	**66.7**	Wharton	GCD Current Observation Well
Chicot	6648701	3/1/2005	29.278611	-96.084445	90	**66.1**	Wharton	GCD Current Observation Well
Chicot	6648701	1/1/2010	29.278611	-96.084445	90	**64.6**	Wharton	GCD Current Observation Well
Chicot	6648701	2/1/2010	29.278611	-96.084445	90	**64.5**	Wharton	GCD Current Observation Well
Chicot	6648701	3/1/2010	29.278611	-96.084445	90	**64.9**	Wharton	GCD Current Observation Well
Chicot	6648701	1/1/2015	29.278611	-96.084445	90	**64.4**	Wharton	GCD Current Observation Well
Chicot	6648701	2/1/2015	29.278611	-96.084445	90	**64.2**	Wharton	GCD Current Observation Well
Chicot	6648701	3/1/2015	29.278611	-96.084445	90	**64.6**	Wharton	GCD Current Observation Well
Chicot	6648701	1/1/2017	29.278611	-96.084445	90	**64.5**	Wharton	GCD Current Observation Well
Chicot	6648701	2/1/2017	29.278611	-96.084445	90	**64.2**	Wharton	GCD Current Observation Well
Chicot	6648701	3/1/2017	29.278611	-96.084445	90	**64.5**	Wharton	GCD Current Observation Well
Chicot	6648802	2/16/2000	29.27	-96.0658333	564	**62.68**	Wharton	TWDB Current Observation Well
Chicot	6648802	2/10/2005	29.27	-96.0658333	564	**65.3**	Wharton	TWDB Current Observation Well
Chicot	6648802	1/21/2015	29.27	-96.0658333	564	**58.8**	Wharton	TWDB Current Observation Well
Chicot	6648802	3/23/2017	29.27	-96.0658333	564	**53.65**	Wharton	TWDB Current Observation Well
Chicot	6648802	1/11/2018	29.27	-96.0658333	564	**55.2**	Wharton	TWDB Current Observation Well
Chicot	6648907	2/16/2000	29.2525	-96.0038889	630	**27.8**	Wharton	TWDB Current Observation Well
Chicot	6648907	2/10/2005	29.2525	-96.0038889	630	**26.05**	Wharton	TWDB Current Observation Well
Chicot	6648907	1/28/2010	29.2525	-96.0038889	630	**28.63**	Wharton	TWDB Current Observation Well
Chicot	6648907	1/21/2015	29.2525	-96.0038889	630	**23.18**	Wharton	TWDB Current Observation Well
Chicot	6648907	3/23/2017	29.2525	-96.0038889	630	**30.04**	Wharton	TWDB Current Observation Well
Chicot	6648907	1/11/2018	29.2525	-96.0038889	630	**27.39**	Wharton	TWDB Current Observation Well
Chicot	6648908	2/16/2000	29.2622222	-96.0080556	55	**67.45**	Wharton	TWDB Current Observation Well
Chicot	6648908	2/10/2005	29.2622222	-96.0080556	55	**67.2**	Wharton	TWDB Current Observation Well
Chicot	6648908	1/21/2015	29.2622222	-96.0080556	55	**63.6**	Wharton	TWDB Current Observation Well
Chicot	6648908	3/23/2017	29.2622222	-96.0080556	55	**63.22**	Wharton	TWDB Current Observation Well

Table 2
Groundwater Elevation Data Summary

Aquifer	Well ID	Date	Latitude	Longitude	Well Depth (ft)	Water Table Elevation (ft)	County	Well Type
Chicot	6648908	1/11/2018	29.2622222	-96.0080556	55	**64.1**	Wharton	TWDB Current Observation Well
Chicot	6648909	1/21/2015	29.2622222	-96.0080556	300	**23.62**	Wharton	TWDB Current Observation Well
Chicot	6648909	3/23/2017	29.2622222	-96.0080556	300	**30.28**	Wharton	TWDB Current Observation Well
Chicot	6648909	1/11/2019	29.2622222	-96.0080556	300	**29.24**	Wharton	TWDB Current Observation Well
Evangeline	6649701	2/24/2000	29.1595694	-96.9665833	1082	**121.51**	Lavaca	TWDB Current Observation Well
Evangeline	6649701	1/5/2010	29.1595694	-96.9665833	1082	**126.96**	Lavaca	TWDB Current Observation Well
Evangeline	6649701	1/27/2015	29.1595694	-96.9665833	1082	**117.52**	Lavaca	TWDB Current Observation Well
Evangeline	6649701	2/21/2017	29.1595694	-96.9665833	1082	**123.46**	Lavaca	TWDB Current Observation Well
Evangeline	6649701	1/11/2018	29.1595694	-96.9665833	1082	**123.5**	Lavaca	TWDB Current Observation Well
Evangeline	6649901	2/24/2000	29.1658333	-96.9108417	272	**103.46**	Lavaca	TWDB Current Observation Well
Evangeline	6649901	3/5/2005	29.1658333	-96.9108417	272	**105.82**	Lavaca	TWDB Current Observation Well
Evangeline	6649901	1/5/2010	29.1658333	-96.9108417	272	**106.28**	Lavaca	TWDB Current Observation Well
Evangeline	6649901	1/27/2015	29.1658333	-96.9108417	272	**100.64**	Lavaca	TWDB Current Observation Well
Evangeline	6649901	2/21/2017	29.1658333	-96.9108417	272	**105.77**	Lavaca	TWDB Current Observation Well
Evangeline	6649901	1/11/2018	29.1658333	-96.9108417	272	**106.41**	Lavaca	TWDB Current Observation Well
Chicot	6652304	2/17/2000	29.2275	-96.540278	650	**33.58**	Wharton	Historical Observation Well
Chicot	6652603	2/17/2000	29.1938889	-96.5197222	515	**22.08**	Wharton	TWDB Current Observation Well
Chicot	6652603	2/22/2005	29.1938889	-96.5197222	515	**34.6**	Wharton	TWDB Current Observation Well
Chicot	6652603	3/24/2017	29.1938889	-96.5197222	515	**40.95**	Wharton	TWDB Current Observation Well
Chicot	6652603	1/11/2018	29.1938889	-96.5197222	515	**39.9**	Wharton	TWDB Current Observation Well
Chicot	6652604	3/1/2005	29.187778	-96.504723	275	**33.8**	Wharton	Historical Observation Well
Chicot	6653406	1/5/2010	29.1861111	-96.4994444	348	**37.54**	Wharton	TWDB Recorder Well
Chicot	6653406	1/10/2010	29.1861111	-96.4994444	348	**37.59**	Wharton	TWDB Recorder Well
Chicot	6653406	1/15/2010	29.1861111	-96.4994444	348	**37.85**	Wharton	TWDB Recorder Well
Chicot	6653406	1/20/2010	29.1861111	-96.4994444	348	**38.05**	Wharton	TWDB Recorder Well
Chicot	6653406	1/25/2010	29.1861111	-96.4994444	348	**37.89**	Wharton	TWDB Recorder Well
Chicot	6653406	1/30/2010	29.1861111	-96.4994444	348	**38.01**	Wharton	TWDB Recorder Well
Chicot	6653406	2/5/2010	29.1861111	-96.4994444	348	**38.24**	Wharton	TWDB Recorder Well
Chicot	6653406	2/10/2010	29.1861111	-96.4994444	348	**38.09**	Wharton	TWDB Recorder Well
Chicot	6653406	2/15/2010	29.1861111	-96.4994444	348	**38.19**	Wharton	TWDB Recorder Well
Chicot	6653406	2/20/2010	29.1861111	-96.4994444	348	**38.49**	Wharton	TWDB Recorder Well
Chicot	6653406	2/25/2010	29.1861111	-96.4994444	348	**46.84**	Wharton	TWDB Recorder Well
Chicot	6653406	2/28/2010	29.1861111	-96.4994444	348	**46.62**	Wharton	TWDB Recorder Well
Chicot	6653406	3/5/2010	29.1861111	-96.4994444	348	**38.69**	Wharton	TWDB Recorder Well
Chicot	6653406	3/10/2010	29.1861111	-96.4994444	348	**38.9**	Wharton	TWDB Recorder Well
Chicot	6653406	3/15/2010	29.1861111	-96.4994444	348	**38.89**	Wharton	TWDB Recorder Well
Chicot	6653406	3/20/2010	29.1861111	-96.4994444	348	**39.05**	Wharton	TWDB Recorder Well
Chicot	6653406	3/25/2010	29.1861111	-96.4994444	348	**39.14**	Wharton	TWDB Recorder Well
Chicot	6653406	3/30/2010	29.1861111	-96.4994444	348	**39.2**	Wharton	TWDB Recorder Well
Chicot	6653406	1/5/2015	29.1861111	-96.4994444	348	**33.18**	Wharton	TWDB Recorder Well
Chicot	6653406	1/10/2015	29.1861111	-96.4994444	348	**33.38**	Wharton	TWDB Recorder Well
Chicot	6653406	1/15/2015	29.1861111	-96.4994444	348	**33.48**	Wharton	TWDB Recorder Well
Chicot	6653406	1/20/2015	29.1861111	-96.4994444	348	**33.6**	Wharton	TWDB Recorder Well
Chicot	6653406	1/25/2015	29.1861111	-96.4994444	348	**33.79**	Wharton	TWDB Recorder Well
Chicot	6653406	1/30/2015	29.1861111	-96.4994444	348	**33.9**	Wharton	TWDB Recorder Well
Chicot	6653406	2/5/2015	29.1861111	-96.4994444	348	**34.03**	Wharton	TWDB Recorder Well
Chicot	6653406	2/10/2015	29.1861111	-96.4994444	348	**34.25**	Wharton	TWDB Recorder Well
Chicot	6653406	2/15/2015	29.1861111	-96.4994444	348	**34.41**	Wharton	TWDB Recorder Well
Chicot	6653406	2/20/2015	29.1861111	-96.4994444	348	**34.58**	Wharton	TWDB Recorder Well
Chicot	6653406	2/25/2015	29.1861111	-96.4994444	348	**34.7**	Wharton	TWDB Recorder Well
Chicot	6653406	2/28/2015	29.1861111	-96.4994444	348	**34.72**	Wharton	TWDB Recorder Well
Chicot	6653406	3/5/2015	29.1861111	-96.4994444	348	**34.73**	Wharton	TWDB Recorder Well
Chicot	6653406	3/10/2015	29.1861111	-96.4994444	348	**35**	Wharton	TWDB Recorder Well
Chicot	6653406	3/15/2015	29.1861111	-96.4994444	348	**35.07**	Wharton	TWDB Recorder Well
Chicot	6653406	3/20/2015	29.1861111	-96.4994444	348	**35.27**	Wharton	TWDB Recorder Well
Chicot	6653406	3/25/2015	29.1861111	-96.4994444	348	**35.44**	Wharton	TWDB Recorder Well
Chicot	6653406	3/30/2015	29.1861111	-96.4994444	348	**35.53**	Wharton	TWDB Recorder Well
Chicot	6653406	1/1/2017	29.1861111	-96.4994444	348	**36.3**	Wharton	TWDB Recorder Well
Chicot	6653406	1/5/2017	29.1861111	-96.4994444	348	**36.43**	Wharton	TWDB Recorder Well
Chicot	6653406	1/10/2017	29.1861111	-96.4994444	348	**36.58**	Wharton	TWDB Recorder Well
Chicot	6653406	1/15/2017	29.1861111	-96.4994444	348	**36.77**	Wharton	TWDB Recorder Well
Chicot	6653406	1/20/2017	29.1861111	-96.4994444	348	**37.11**	Wharton	TWDB Recorder Well
Chicot	6653406	1/25/2017	29.1861111	-96.4994444	348	**37.09**	Wharton	TWDB Recorder Well
Chicot	6653406	1/30/2017	29.1861111	-96.4994444	348	**37.19**	Wharton	TWDB Recorder Well

Table 2
Groundwater Elevation Data Summary

Aquifer	Well ID	Date	Latitude	Longitude	Well Depth (ft)	Water Table Elevation (ft)	County	Well Type
Chicot	6653406	2/1/2017	29.1861111	-96.4994444	348	**37.3**	Wharton	TWDB Recorder Well
Chicot	6653406	2/5/2017	29.1861111	-96.4994444	348	**37.38**	Wharton	TWDB Recorder Well
Chicot	6653406	2/10/2017	29.1861111	-96.4994444	348	**37.43**	Wharton	TWDB Recorder Well
Chicot	6653406	3/1/2017	29.1861111	-96.4994444	348	**38.2**	Wharton	TWDB Recorder Well
Chicot	6653406	3/5/2017	29.1861111	-96.4994444	348	**38.18**	Wharton	TWDB Recorder Well
Chicot	6653406	3/10/2017	29.1861111	-96.4994444	348	**38.25**	Wharton	TWDB Recorder Well
Chicot	6653406	3/15/2017	29.1861111	-96.4994444	348	**38.34**	Wharton	TWDB Recorder Well
Chicot	6653406	3/20/2017	29.1861111	-96.4994444	348	**38.48**	Wharton	TWDB Recorder Well
Chicot	6653406	3/24/2017	29.1861111	-96.4994444	348	**38.67**	Wharton	TWDB Recorder Well
Chicot	6653406	3/25/2017	29.1861111	-96.4994444	348	**38.77**	Wharton	TWDB Recorder Well
Chicot	6653406	1/5/2018	29.1859417	-96.4996722	348	**44.24**	Wharton	TWDB Recorder Well
Chicot	6653406	1/10/2018	29.1859417	-96.4996722	348	**44.47**	Wharton	TWDB Recorder Well
Chicot	6653406	1/11/2018	29.1859417	-96.4996722	348	**45.44**	Wharton	TWDB Recorder Well
Chicot	6653406	1/15/2018	29.1859417	-96.4996722	348	**44.57**	Wharton	TWDB Recorder Well
Chicot	6653406	1/20/2018	29.1859417	-96.4996722	348	**44.81**	Wharton	TWDB Recorder Well
Chicot	6653406	1/25/2018	29.1859417	-96.4996722	348	**44.89**	Wharton	TWDB Recorder Well
Chicot	6653406	1/30/2018	29.1859417	-96.4996722	348	**45.05**	Wharton	TWDB Recorder Well
Chicot	6653406	2/5/2018	29.1859417	-96.4996722	348	**45.29**	Wharton	TWDB Recorder Well
Chicot	6653406	2/10/2018	29.1859417	-96.4996722	348	**45.54**	Wharton	TWDB Recorder Well
Chicot	6653406	2/15/2018	29.1859417	-96.4996722	348	**45.65**	Wharton	TWDB Recorder Well
Chicot	6653406	2/20/2018	29.1859417	-96.4996722	348	**45.76**	Wharton	TWDB Recorder Well
Chicot	6653406	2/25/2018	29.1859417	-96.4996722	348	**45.93**	Wharton	TWDB Recorder Well
Chicot	6653406	3/5/2018	29.1859417	-96.4996722	348	**46.2**	Wharton	TWDB Recorder Well
Chicot	6653406	3/10/2018	29.1859417	-96.4996722	348	**46.41**	Wharton	TWDB Recorder Well
Chicot	6653406	3/15/2018	29.1859417	-96.4996722	348	**46.52**	Wharton	TWDB Recorder Well
Chicot	6653406	3/20/2018	29.1859417	-96.4996722	348	**46.27**	Wharton	TWDB Recorder Well
Chicot	6653406	3/25/2018	29.1859417	-96.4996722	348	**46.4**	Wharton	TWDB Recorder Well
Chicot	6653406	3/30/2018	29.1859417	-96.4996722	348	**46.45**	Wharton	TWDB Recorder Well
Chicot	6653503	2/17/2000	29.1788889	-96.4294444	338	**52.03**	Wharton	TWDB Current Observation Well
Chicot	6653503	2/22/2005	29.1788889	-96.4294444	338	**44.6**	Wharton	TWDB Current Observation Well
Chicot	6653503	1/26/2010	29.1788889	-96.4294444	338	**42.15**	Wharton	TWDB Current Observation Well
Chicot	6653503	1/20/2015	29.1788889	-96.4294444	338	**43.76**	Wharton	TWDB Current Observation Well
Chicot	6653503	3/24/2017	29.1788889	-96.4294444	338	**49.2**	Wharton	TWDB Current Observation Well
Chicot	6653503	1/11/2018	29.1788889	-96.4294444	338	**42.82**	Wharton	TWDB Current Observation Well
Chicot	6653804	2/22/2005	29.1258333	-96.4533333	495	**35.05**	Wharton	TWDB Current Observation Well
Chicot	6653804	1/20/2015	29.1258333	-96.4533333	495	**34.23**	Wharton	TWDB Current Observation Well
Chicot	6653804	3/24/2017	29.1258333	-96.4533333	495	**39.49**	Wharton	TWDB Current Observation Well
Chicot	6653804	1/9/2018	29.1258333	-96.4533333	495	**37.91**	Wharton	TWDB Current Observation Well
Chicot	6653903	2/17/2000	29.151667	-96.402778	304	**37.42**	Wharton	Historical Observation Well
Chicot	6654108	2/18/2000	29.2113889	-96.3347222	360	**45.53**	Wharton	TWDB Current Observation Well
Chicot	6654108	2/10/2005	29.2113889	-96.3347222	360	**58.9**	Wharton	TWDB Current Observation Well
Chicot	6654108	1/26/2010	29.2113889	-96.3347222	360	**50.53**	Wharton	TWDB Current Observation Well
Chicot	6654108	1/20/2015	29.2113889	-96.3347222	360	**53.5**	Wharton	TWDB Current Observation Well
Chicot	6654108	3/24/2017	29.2113889	-96.3347222	360	**58.35**	Wharton	TWDB Current Observation Well
Chicot	6654108	1/11/2018	29.2113889	-96.3347222	360	**57**	Wharton	TWDB Current Observation Well
Chicot	6654202	2/18/2000	29.242222	-96.305834	200	**68.57**	Wharton	Historical Observation Well
Chicot	6654202	2/10/2005	29.242222	-96.305834	200	**71.2**	Wharton	Historical Observation Well
Chicot	6654202	1/28/2010	29.242222	-96.305834	200	**71.65**	Wharton	Historical Observation Well
Chicot	6654306	2/18/2000	29.224722	-96.290278	90	**66.58**	Wharton	Historical Observation Well
Chicot	6654306	2/10/2005	29.224722	-96.290278	90	**69.25**	Wharton	Historical Observation Well
Chicot	6654306	3/1/2005	29.224722	-96.290278	90	**69.3**	Wharton	Historical Observation Well
Chicot	6654906	2/23/2005	29.1288889	-96.2638889	461	**25.7**	Wharton	TWDB Current Observation Well
Chicot	6654906	3/30/2010	29.1288889	-96.2638889	461	**11.56**	Wharton	TWDB Current Observation Well
Chicot	6654906	1/22/2015	29.1288889	-96.2638889	461	**13.9**	Wharton	TWDB Current Observation Well
Chicot	6654906	1/11/2018	29.1288889	-96.2638889	461	**19.4**	Wharton	TWDB Current Observation Well
Chicot	6655104	2/16/2000	29.230278	-96.230278	114	**68.24**	Wharton	Historical Observation Well
Chicot	6655603	3/1/2005	29.202501	-96.143889	100	**78.8**	Wharton	GCD Current Observation Well
Chicot	6655603	1/1/2010	29.202501	-96.143889	100	**75.1**	Wharton	GCD Current Observation Well
Chicot	6655603	2/1/2010	29.202501	-96.143889	100	**75.5**	Wharton	GCD Current Observation Well
Chicot	6655603	3/1/2010	29.202501	-96.143889	100	**75.7**	Wharton	GCD Current Observation Well
Chicot	6655603	1/1/2015	29.202501	-96.143889	100	**72**	Wharton	GCD Current Observation Well
Chicot	6655603	2/1/2015	29.202501	-96.143889	100	**72.1**	Wharton	GCD Current Observation Well
Chicot	6655603	3/1/2015	29.202501	-96.143889	100	**72.8**	Wharton	GCD Current Observation Well
Chicot	6655603	1/1/2017	29.202501	-96.143889	100	**73.6**	Wharton	GCD Current Observation Well

Table 2
Groundwater Elevation Data Summary

Aquifer	Well ID	Date	Latitude	Longitude	Well Depth (ft)	Water Table Elevation (ft)	County	Well Type
Chicot	6655603	2/1/2017	29.202501	-96.143889	100	**74.6**	Wharton	GCD Current Observation Well
Chicot	6655603	3/1/2017	29.202501	-96.143889	100	**73.6**	Wharton	GCD Current Observation Well
Chicot	6656302	2/10/2005	29.2097222	-96.0127778	490	**20.3**	Wharton	TWDB Current Observation Well
Chicot	6656302	3/23/2017	29.2097222	-96.0127778	490	**15.97**	Wharton	TWDB Current Observation Well
Chicot	6656302	1/11/2018	29.2097222	-96.0127778	490	**13.89**	Wharton	TWDB Current Observation Well
Chicot	6656304	2/16/2000	29.247778	-96.016944	356	**36.21**	Wharton	GCD Current Observation Well
Chicot	6656304	2/10/2005	29.247778	-96.016944	356	**43.7**	Wharton	GCD Current Observation Well
Chicot	6656304	3/1/2005	29.247778	-96.016944	356	**43.4**	Wharton	GCD Current Observation Well
Chicot	6656304	1/1/2010	29.247778	-96.016944	356	**36.4**	Wharton	GCD Current Observation Well
Chicot	6656304	2/1/2010	29.247778	-96.016944	356	**38**	Wharton	GCD Current Observation Well
Chicot	6656304	3/1/2010	29.247778	-96.016944	356	**38.6**	Wharton	GCD Current Observation Well
Chicot	6656304	1/1/2015	29.247778	-96.016944	356	**32.5**	Wharton	GCD Current Observation Well
Chicot	6656304	2/1/2015	29.247778	-96.016944	356	**34**	Wharton	GCD Current Observation Well
Chicot	6656304	3/1/2015	29.247778	-96.016944	356	**34.6**	Wharton	GCD Current Observation Well
Chicot	6656304	1/1/2017	29.247778	-96.016944	356	**36.3**	Wharton	GCD Current Observation Well
Chicot	6656304	2/1/2017	29.247778	-96.016944	356	**36.5**	Wharton	GCD Current Observation Well
Chicot	6656304	3/1/2017	29.247778	-96.016944	356	**37.2**	Wharton	GCD Current Observation Well
Chicot	6656403	3/1/2005	29.174167	-96.121389	275	**38.4**	Wharton	GCD Current Observation Well
Chicot	6656403	1/1/2010	29.174167	-96.121389	275	**27.6**	Wharton	GCD Current Observation Well
Chicot	6656403	2/1/2010	29.174167	-96.121389	275	**31.3**	Wharton	GCD Current Observation Well
Chicot	6656403	3/1/2010	29.174167	-96.121389	275	**33.1**	Wharton	GCD Current Observation Well
Chicot	6656403	1/1/2015	29.174167	-96.121389	275	**23.3**	Wharton	GCD Current Observation Well
Chicot	6656403	2/1/2015	29.174167	-96.121389	275	**27.2**	Wharton	GCD Current Observation Well
Chicot	6656403	3/1/2015	29.174167	-96.121389	275	**29.8**	Wharton	GCD Current Observation Well
Chicot	6656403	1/1/2017	29.174167	-96.121389	275	**28.9**	Wharton	GCD Current Observation Well
Chicot	6656403	2/1/2017	29.174167	-96.121389	275	**33.7**	Wharton	GCD Current Observation Well
Chicot	6656403	3/1/2017	29.174167	-96.121389	275	**35.1**	Wharton	GCD Current Observation Well
Chicot	6656901	2/16/2000	29.145	-96.012778	194	**56.72**	Wharton	Historical Observation Well
Evangeline	6657406	3/3/2005	29.066944	-96.986667	270	**99.62**	Victoria	GCD Current Observation Well
Evangeline	6657406	3/15/2010	29.066944	-96.986667	270	**114.8**	Victoria	GCD Current Observation Well
Evangeline	6657406	3/23/2015	29.066944	-96.986667	270	**85.95**	Victoria	GCD Current Observation Well
Evangeline	6657406	3/27/2017	29.066944	-96.986667	270	**90.5**	Victoria	GCD Current Observation Well
Evangeline	6657406	3/9/2018	29.066944	-96.986667	270	**97.55**	Victoria	GCD Current Observation Well
Chicot	6661302	1/1/2010	29.1088889	-96.4094444	528	**24.2**	Wharton	GCD Recorder Well
Chicot	6661302	1/5/2010	29.1088889	-96.4094444	528	**23.15**	Wharton	GCD Recorder Well
Chicot	6661302	1/10/2010	29.1088889	-96.4094444	528	**22.6**	Wharton	GCD Recorder Well
Chicot	6661302	1/15/2010	29.1088889	-96.4094444	528	**24.25**	Wharton	GCD Recorder Well
Chicot	6661302	1/20/2010	29.1088889	-96.4094444	528	**24.54**	Wharton	GCD Recorder Well
Chicot	6661302	1/25/2010	29.1088889	-96.4094444	528	**25.15**	Wharton	GCD Recorder Well
Chicot	6661302	1/30/2010	29.1088889	-96.4094444	528	**25.36**	Wharton	GCD Recorder Well
Chicot	6661302	2/1/2010	29.1088889	-96.4094444	528	**26.2**	Wharton	GCD Recorder Well
Chicot	6661302	2/5/2010	29.1088889	-96.4094444	528	**25.31**	Wharton	GCD Recorder Well
Chicot	6661302	2/10/2010	29.1088889	-96.4094444	528	**26.03**	Wharton	GCD Recorder Well
Chicot	6661302	2/15/2010	29.1088889	-96.4094444	528	**26.75**	Wharton	GCD Recorder Well
Chicot	6661302	2/20/2010	29.1088889	-96.4094444	528	**26.61**	Wharton	GCD Recorder Well
Chicot	6661302	2/25/2010	29.1088889	-96.4094444	528	**26.69**	Wharton	GCD Recorder Well
Chicot	6661302	2/28/2010	29.1088889	-96.4094444	528	**27.62**	Wharton	GCD Recorder Well
Chicot	6661302	3/1/2010	29.1088889	-96.4094444	528	**27.5**	Wharton	GCD Recorder Well
Chicot	6661302	3/5/2010	29.1088889	-96.4094444	528	**27.51**	Wharton	GCD Recorder Well
Chicot	6661302	3/10/2010	29.1088889	-96.4094444	528	**27.35**	Wharton	GCD Recorder Well
Chicot	6661302	3/15/2010	29.1088889	-96.4094444	528	**27.75**	Wharton	GCD Recorder Well
Chicot	6661302	3/20/2010	29.1088889	-96.4094444	528	**28.9**	Wharton	GCD Recorder Well
Chicot	6661302	3/25/2010	29.1088889	-96.4094444	528	**27.54**	Wharton	GCD Recorder Well
Chicot	6661302	3/30/2010	29.1088889	-96.4094444	528	**27.7**	Wharton	GCD Recorder Well
Chicot	6661302	1/5/2015	29.1088889	-96.4094444	528	**22.01**	Wharton	GCD Recorder Well
Chicot	6661302	1/10/2015	29.1088889	-96.4094444	528	**22.5**	Wharton	GCD Recorder Well
Chicot	6661302	1/15/2015	29.1088889	-96.4094444	528	**22.29**	Wharton	GCD Recorder Well
Chicot	6661302	1/20/2015	29.1088889	-96.4094444	528	**23.3**	Wharton	GCD Recorder Well
Chicot	6661302	1/25/2015	29.1088889	-96.4094444	528	**23.78**	Wharton	GCD Recorder Well
Chicot	6661302	1/30/2015	29.1088889	-96.4094444	528	**23.86**	Wharton	GCD Recorder Well
Chicot	6661302	2/5/2015	29.1088889	-96.4094444	528	**24.36**	Wharton	GCD Recorder Well
Chicot	6661302	2/10/2015	29.1088889	-96.4094444	528	**24.67**	Wharton	GCD Recorder Well
Chicot	6661302	2/15/2015	29.1088889	-96.4094444	528	**24.74**	Wharton	GCD Recorder Well
Chicot	6661302	2/20/2015	29.1088889	-96.4094444	528	**25.02**	Wharton	GCD Recorder Well

Table 2
Groundwater Elevation Data Summary

Aquifer	Well ID	Date	Latitude	Longitude	Well Depth (ft)	Water Table Elevation (ft)	County	Well Type
Chicot	6661302	2/25/2015	29.1088889	-96.4094444	528	**25.31**	Wharton	GCD Recorder Well
Chicot	6661302	2/28/2015	29.1088889	-96.4094444	528	**26.38**	Wharton	GCD Recorder Well
Chicot	6661302	3/5/2015	29.1088889	-96.4094444	528	**25.96**	Wharton	GCD Recorder Well
Chicot	6661302	3/10/2015	29.1088889	-96.4094444	528	**26.5**	Wharton	GCD Recorder Well
Chicot	6661302	3/15/2015	29.1088889	-96.4094444	528	**26.5**	Wharton	GCD Recorder Well
Chicot	6661302	3/20/2015	29.1088889	-96.4094444	528	**27.08**	Wharton	GCD Recorder Well
Chicot	6661302	3/25/2015	29.1088889	-96.4094444	528	**27.28**	Wharton	GCD Recorder Well
Chicot	6661302	3/30/2015	29.1088889	-96.4094444	528	**27.25**	Wharton	GCD Recorder Well
Chicot	6661302	1/1/2017	29.1088889	-96.4094444	528	**27.5**	Wharton	GCD Recorder Well
Chicot	6661302	1/5/2017	29.1088889	-96.4094444	528	**27.55**	Wharton	GCD Recorder Well
Chicot	6661302	1/10/2017	29.1088889	-96.4094444	528	**27.45**	Wharton	GCD Recorder Well
Chicot	6661302	1/15/2017	29.1088889	-96.4094444	528	**27.88**	Wharton	GCD Recorder Well
Chicot	6661302	1/20/2017	29.1088889	-96.4094444	528	**28.56**	Wharton	GCD Recorder Well
Chicot	6661302	1/25/2017	29.1088889	-96.4094444	528	**28.79**	Wharton	GCD Recorder Well
Chicot	6661302	1/30/2017	29.1088889	-96.4094444	528	**28.75**	Wharton	GCD Recorder Well
Chicot	6661302	2/1/2017	29.1088889	-96.4094444	528	**28.8**	Wharton	GCD Recorder Well
Chicot	6661302	2/5/2017	29.1088889	-96.4094444	528	**29.08**	Wharton	GCD Recorder Well
Chicot	6661302	2/10/2017	29.1088889	-96.4094444	528	**29.22**	Wharton	GCD Recorder Well
Chicot	6661302	2/20/2017	29.1088889	-96.4094444	528	**28.85**	Wharton	GCD Recorder Well
Chicot	6661302	2/25/2017	29.1088889	-96.4094444	528	**29.05**	Wharton	GCD Recorder Well
Chicot	6661302	3/1/2017	29.1088889	-96.4094444	528	**29.7**	Wharton	GCD Recorder Well
Chicot	6661302	3/5/2017	29.1088889	-96.4094444	528	**29.05**	Wharton	GCD Recorder Well
Chicot	6661302	3/10/2017	29.1088889	-96.4094444	528	**29.05**	Wharton	GCD Recorder Well
Chicot	6661302	3/15/2017	29.1088889	-96.4094444	528	**29.05**	Wharton	GCD Recorder Well
Chicot	6661302	3/20/2017	29.1088889	-96.4094444	528	**29.05**	Wharton	GCD Recorder Well
Chicot	6661302	3/24/2017	29.1088889	-96.4094444	528	**30.86**	Wharton	GCD Recorder Well
Chicot	6661302	3/25/2017	29.1088889	-96.4094444	528	**31.33**	Wharton	GCD Recorder Well
Chicot	6661302	3/30/2017	29.1088889	-96.4094444	528	**31.53**	Wharton	GCD Recorder Well
Chicot	6661302	1/5/2018	29.1088889	-96.4094444	528	**25.06**	Wharton	GCD Recorder Well
Chicot	6661302	1/9/2018	29.1088889	-96.4094444	528	**27.87**	Wharton	GCD Recorder Well
Chicot	6661302	1/10/2018	29.1088889	-96.4094444	528	**28.25**	Wharton	GCD Recorder Well
Chicot	6661302	1/15/2018	29.1088889	-96.4094444	528	**28.55**	Wharton	GCD Recorder Well
Chicot	6661302	1/20/2018	29.1088889	-96.4094444	528	**29.01**	Wharton	GCD Recorder Well
Chicot	6661302	1/25/2018	29.1088889	-96.4094444	528	**29**	Wharton	GCD Recorder Well
Chicot	6661302	1/30/2018	29.1088889	-96.4094444	528	**29.05**	Wharton	GCD Recorder Well
Chicot	6661302	2/5/2018	29.1088889	-96.4094444	528	**29.98**	Wharton	GCD Recorder Well
Chicot	6661302	2/10/2018	29.1088889	-96.4094444	528	**30.41**	Wharton	GCD Recorder Well
Chicot	6661302	2/15/2018	29.1088889	-96.4094444	528	**30.57**	Wharton	GCD Recorder Well
Chicot	6661302	2/20/2018	29.1088889	-96.4094444	528	**30.84**	Wharton	GCD Recorder Well
Chicot	6661302	2/25/2018	29.1088889	-96.4094444	528	**30.95**	Wharton	GCD Recorder Well
Chicot	6661302	3/5/2018	29.1088889	-96.4094444	528	**31.34**	Wharton	GCD Recorder Well
Chicot	6661302	3/10/2018	29.1088889	-96.4094444	528	**31.55**	Wharton	GCD Recorder Well
Chicot	6661302	3/15/2018	29.1088889	-96.4094444	528	**31.61**	Wharton	GCD Recorder Well
Chicot	6661302	3/20/2018	29.1088889	-96.4094444	528	**31.7**	Wharton	GCD Recorder Well
Chicot	6661302	3/25/2018	29.1088889	-96.4094444	528	**31.74**	Wharton	GCD Recorder Well
Chicot	6661302	3/30/2018	29.1088889	-96.4094444	528	**31.93**	Wharton	GCD Recorder Well
Chicot	6661305	2/17/2000	29.1041667	-96.4083333	600	**22.7**	Wharton	TWDB Current Observation Well
Chicot	6661305	2/22/2005	29.1041667	-96.4083333	600	**31.3**	Wharton	TWDB Current Observation Well
Chicot	6661305	1/20/2015	29.1041667	-96.4083333	600	**31**	Wharton	TWDB Current Observation Well
Chicot	6661305	3/24/2017	29.1041667	-96.4083333	600	**38.57**	Wharton	TWDB Current Observation Well
Chicot	6661305	1/9/2018	29.1041667	-96.4083333	600	**35.77**	Wharton	TWDB Current Observation Well
Chicot	6662104	2/17/2000	29.1061111	-96.3380556	371	**25.54**	Wharton	TWDB Current Observation Well
Chicot	6662104	2/22/2005	29.1061111	-96.3380556	371	**34.7**	Wharton	TWDB Current Observation Well
Chicot	6662104	1/26/2010	29.1061111	-96.3380556	371	**32.52**	Wharton	TWDB Current Observation Well
Chicot	6662104	1/20/2015	29.1061111	-96.3380556	371	**26.58**	Wharton	TWDB Current Observation Well
Chicot	6662104	3/24/2017	29.1061111	-96.3380556	371	**41.32**	Wharton	TWDB Current Observation Well
Chicot	6662104	1/9/2018	29.1061111	-96.3380556	371	**32.44**	Wharton	TWDB Current Observation Well
Chicot	6662307	2/17/2000	29.0997222	-96.2580556	180	**52.96**	Wharton	TWDB Current Observation Well
Chicot	6662307	2/22/2005	29.0997222	-96.2580556	180	**57.7**	Wharton	TWDB Current Observation Well
Chicot	6662307	1/26/2010	29.0997222	-96.2580556	180	**58.12**	Wharton	TWDB Current Observation Well
Chicot	6662307	1/20/2015	29.0997222	-96.2580556	180	**57.33**	Wharton	TWDB Current Observation Well
Chicot	6662307	3/25/2017	29.0997222	-96.2580556	180	**58.58**	Wharton	TWDB Current Observation Well
Chicot	6662307	1/9/2018	29.0997222	-96.2580556	180	**58.35**	Wharton	TWDB Current Observation Well
Chicot	6662309	1/1/2010	29.085	-96.271111	421	**49.2**	Wharton	GCD Current Observation Well

Table 2
Groundwater Elevation Data Summary

Aquifer	Well ID	Date	Latitude	Longitude	Well Depth (ft)	Water Table Elevation (ft)	County	Well Type
Chicot	6662309	2/1/2010	29.085	-96.271111	421	**48.4**	Wharton	GCD Current Observation Well
Chicot	6662309	3/1/2010	29.085	-96.271111	421	**48.7**	Wharton	GCD Current Observation Well
Chicot	6662309	1/1/2015	29.085	-96.271111	421	**47.4**	Wharton	GCD Current Observation Well
Chicot	6662309	2/1/2015	29.085	-96.271111	421	**47.9**	Wharton	GCD Current Observation Well
Chicot	6662309	3/1/2015	29.085	-96.271111	421	**48.2**	Wharton	GCD Current Observation Well
Chicot	6662309	1/1/2017	29.085	-96.271111	421	**48.5**	Wharton	GCD Current Observation Well
Chicot	6662309	2/1/2017	29.085	-96.271111	421	**48.9**	Wharton	GCD Current Observation Well
Chicot	6662309	3/1/2017	29.085	-96.271111	421	**49.2**	Wharton	GCD Current Observation Well
Chicot	6662313	2/23/2005	29.1186111	-96.2716667	480	**22.12**	Wharton	TWDB Current Observation Well
Chicot	6662313	1/11/2018	29.1186111	-96.2716667	480	**10.48**	Wharton	TWDB Current Observation Well
Chicot	6662415	2/17/2000	29.0425	-96.357778	458	**20.23**	Wharton	Historical Observation Well
Chicot	6662415	2/22/2005	29.0425	-96.357778	458	**31.7**	Wharton	Historical Observation Well
Chicot	6662603	2/17/2000	29.0702778	-96.2752778	310	**39.88**	Wharton	TWDB Current Observation Well
Chicot	6662603	2/22/2005	29.0702778	-96.2752778	310	**44.7**	Wharton	TWDB Current Observation Well
Chicot	6662603	1/26/2010	29.0702778	-96.2752778	310	**47.09**	Wharton	TWDB Current Observation Well
Chicot	6662603	1/20/2015	29.0702778	-96.2752778	310	**47.7**	Wharton	TWDB Current Observation Well
Chicot	6662603	3/25/2017	29.0702778	-96.2752778	310	**51.64**	Wharton	TWDB Current Observation Well
Chicot	6662603	1/9/2018	29.0702778	-96.2752778	310	**51.2**	Wharton	TWDB Current Observation Well
Chicot	6662805	2/17/2000	29.018889	-96.306945	398	**25.93**	Wharton	GCD Current Observation Well
Chicot	6662805	2/22/2005	29.018889	-96.306945	398	**35.06**	Wharton	GCD Current Observation Well
Chicot	6662805	3/1/2005	29.018889	-96.306945	398	**39**	Wharton	GCD Current Observation Well
Chicot	6662805	1/1/2010	29.018889	-96.306945	398	**35.4**	Wharton	GCD Current Observation Well
Chicot	6662805	2/1/2010	29.018889	-96.306945	398	**36.8**	Wharton	GCD Current Observation Well
Chicot	6662805	3/1/2010	29.018889	-96.306945	398	**37.7**	Wharton	GCD Current Observation Well
Chicot	6662805	1/1/2015	29.018889	-96.306945	398	**30.2**	Wharton	GCD Current Observation Well
Chicot	6662805	2/1/2015	29.018889	-96.306945	398	**31.4**	Wharton	GCD Current Observation Well
Chicot	6662805	3/1/2015	29.018889	-96.306945	398	**32.8**	Wharton	GCD Current Observation Well
Chicot	6662805	1/1/2017	29.018889	-96.306945	398	**38.3**	Wharton	GCD Current Observation Well
Chicot	6663105	2/17/2000	29.0933333	-96.2194444	342	**56.42**	Wharton	TWDB Current Observation Well
Chicot	6663105	1/28/2010	29.0933333	-96.2194444	342	**59.52**	Wharton	TWDB Current Observation Well
Chicot	6663105	1/20/2015	29.0933333	-96.2194444	342	**57.65**	Wharton	TWDB Current Observation Well
Chicot	6663105	3/25/2017	29.0933333	-96.2194444	342	**60.6**	Wharton	TWDB Current Observation Well
Chicot	6663105	1/9/2018	29.0933333	-96.2194444	342	**60.6**	Wharton	TWDB Current Observation Well
Chicot	6663112	3/1/2005	29.098611	-96.224444	60	**62**	Wharton	Historical Observation Well
Chicot	6663504	2/22/2005	29.0472222	-96.1677778	687	**-3.9**	Wharton	TWDB Current Observation Well
Chicot	6663507	2/17/2000	29.0566667	-96.2075	48	**51.89**	Wharton	TWDB Current Observation Well
Chicot	6663507	2/22/2005	29.0566667	-96.2075	48	**60.25**	Wharton	TWDB Current Observation Well
Chicot	6663507	1/20/2015	29.0566667	-96.2075	48	**55.8**	Wharton	TWDB Current Observation Well
Chicot	6663507	3/25/2017	29.0566667	-96.2075	48	**61.25**	Wharton	TWDB Current Observation Well
Chicot	6663507	1/9/2018	29.0566667	-96.2075	48	**57.06**	Wharton	TWDB Current Observation Well
Chicot	6663605	2/17/2000	29.077222	-96.158612	209	**58.55**	Wharton	Historical Observation Well
Chicot	6664401	2/23/2000	29.055	-96.1144444	1057	**-13.5**	Matagorda	TWDB Current Observation Well
Chicot	6664401	2/9/2005	29.055	-96.1144444	1057	**1.9**	Matagorda	TWDB Current Observation Well
Chicot	6664401	1/27/2010	29.055	-96.1144444	1057	**-6.42**	Matagorda	TWDB Current Observation Well
Chicot	6664401	1/9/2018	29.055	-96.1144444	1057	**-7.71**	Matagorda	TWDB Current Observation Well
Evangeline	6732105	2/25/2000	29.6187361	-97.1041528	265	**369.03**	Lavaca	TWDB Current Observation Well
Evangeline	6732105	3/18/2005	29.6187361	-97.1041528	265	**370.82**	Lavaca	TWDB Current Observation Well
Evangeline	6732105	1/26/2015	29.6187361	-97.1041528	265	**356.9**	Lavaca	TWDB Current Observation Well
Evangeline	6732105	2/22/2017	29.6187361	-97.1041528	265	**360**	Lavaca	TWDB Current Observation Well
Evangeline	6732105	1/9/2018	29.6187361	-97.1041528	265	**359.82**	Lavaca	TWDB Current Observation Well
Evangeline	6732106	1/26/2015	29.6154139	-97.1020889	275	**354.78**	Lavaca	TWDB Current Observation Well
Evangeline	6732106	2/22/2017	29.6154139	-97.1020889	275	**354.36**	Lavaca	TWDB Current Observation Well
Evangeline	6754811	2/15/2015	29.150278	-97.325	220	**153.65**	DeWitt	GCD Current Observation Well
Evangeline	6754811	2/16/2017	29.150278	-97.325	220	**157.65**	DeWitt	GCD Current Observation Well
Evangeline	6754813	2/15/2015	29.158889	-97.292778	215	**146**	DeWitt	GCD Current Observation Well
Evangeline	6754813	2/16/2017	29.158889	-97.292778	215	**150.7**	DeWitt	GCD Current Observation Well
Evangeline	6762905	2/24/2010	29.003889	-97.265834	138	**161.01**	DeWitt	Historical Observation Well
Evangeline	7905304	1/12/2010	28.964445	-97.378333	44	**216.63**	DeWitt	USGS Current Observation Well
Evangeline	7905606	3/30/2015	28.922222	-97.409445	154	**183.58**	Goliad	GCD Current Observation Well
Evangeline	7905903	1/13/2010	28.893611	-97.378611	280	**174.8**	Goliad	GCD Current Observation Well
Evangeline	7905903	1/13/2010	28.893611	-97.378611	280	**174.68**	Goliad	GCD Current Observation Well
Evangeline	7905903	3/30/2015	28.893611	-97.378611	280	**166.75**	Goliad	GCD Current Observation Well
Evangeline	7905904	1/13/2010	28.895556	-97.377778	164	**181.88**	Goliad	GCD Current Observation Well
Evangeline	7905904	1/13/2010	28.895556	-97.377778	164	**182.36**	Goliad	GCD Current Observation Well

Table 2
Groundwater Elevation Data Summary

Aquifer	Well ID	Date	Latitude	Longitude	Well Depth (ft)	Water Table Elevation (ft)	County	Well Type
Evangeline	7905904	3/30/2015	28.895556	-97.377778	164	**174.8**	Goliad	GCD Current Observation Well
Evangeline	7905905	1/21/2010	28.894445	-97.381389	314	**174.72**	Goliad	GCD Current Observation Well
Evangeline	7905905	3/30/2015	28.894445	-97.381389	314	**167.27**	Goliad	GCD Current Observation Well
Evangeline	7905908	1/21/2010	28.885834	-97.386667	118	**195.13**	Goliad	GCD Current Observation Well
Evangeline	7905908	3/30/2015	28.885834	-97.386667	118	**190.4**	Goliad	GCD Current Observation Well
Evangeline	7906303	3/30/2015	28.981389	-97.2675	55	**140.6**	DeWitt	GCD Current Observation Well
Evangeline	7906506	1/12/2010	28.926944	-97.311667	120	**161.05**	DeWitt	USGS Current Observation Well
Evangeline	7906703	2/23/2000	28.916389	-97.336667	73	**176.14**	DeWitt	GCD Current Observation Well
Evangeline	7906703	1/22/2010	28.916389	-97.336667	73	**176.31**	DeWitt	GCD Current Observation Well
Evangeline	7906703	2/24/2010	28.916389	-97.336667	73	**178.34**	DeWitt	GCD Current Observation Well
Evangeline	7906703	2/15/2015	28.916389	-97.336667	73	**171.14**	DeWitt	GCD Current Observation Well
Evangeline	7906703	2/13/2017	28.916389	-97.336667	73	**173.79**	DeWitt	GCD Current Observation Well
Evangeline	7906706	1/21/2010	28.886389	-97.361112	152	**171.75**	Goliad	GCD Current Observation Well
Evangeline	7906706	3/30/2015	28.886389	-97.361112	152	**164.3**	Goliad	GCD Current Observation Well
Evangeline	7906712	1/13/2010	28.895834	-97.373611	103	**173.21**	Goliad	USGS Current Observation Well
Evangeline	7906807	1/12/2010	28.909445	-97.321944	113	**200.53**	DeWitt	USGS Current Observation Well
Evangeline	7906808	1/12/2010	28.911945	-97.296667	140	**138.48**	DeWitt	USGS Current Observation Well
Evangeline	7906809	1/12/2010	28.911945	-97.296667	125	**137.28**	DeWitt	USGS Current Observation Well
Evangeline	7907305	2/23/2000	28.961945	-97.138056	419	**87.44**	Victoria	GCD Current Observation Well
Evangeline	7907305	3/3/2005	28.961945	-97.138056	419	**94.66**	Victoria	GCD Current Observation Well
Evangeline	7907305	3/15/2010	28.961945	-97.138056	419	**90.2**	Victoria	GCD Current Observation Well
Evangeline	7907305	3/23/2015	28.961945	-97.138056	419	**85.45**	Victoria	GCD Current Observation Well
Evangeline	7907305	3/27/2017	28.961945	-97.138056	419	**89.8**	Victoria	GCD Current Observation Well
Evangeline	7907305	3/7/2018	28.961945	-97.138056	419	**90.47**	Victoria	GCD Current Observation Well
Evangeline	7907402	2/25/2010	28.948056	-97.232222	217	**127.6**	DeWitt	GCD Current Observation Well
Evangeline	7907402	2/15/2015	28.948056	-97.232222	217	**123**	DeWitt	GCD Current Observation Well
Evangeline	7907902	2/23/2000	28.893611	-97.135278	853	**78.72**	Victoria	GCD Current Observation Well
Evangeline	7907902	3/3/2005	28.893611	-97.135278	853	**60.3**	Victoria	GCD Current Observation Well
Evangeline	7907902	3/15/2010	28.893611	-97.135278	853	**49.55**	Victoria	GCD Current Observation Well
Evangeline	7907902	3/23/2015	28.893611	-97.135278	853	**45.5**	Victoria	GCD Current Observation Well
Evangeline	7907902	3/27/2017	28.893611	-97.135278	853	**59.45**	Victoria	GCD Current Observation Well
Evangeline	7907902	3/7/2018	28.893611	-97.135278	853	**64**	Victoria	GCD Current Observation Well
Evangeline	7908201	3/3/2005	28.965834	-97.07	350	**114.32**	Victoria	GCD Current Observation Well
Evangeline	7908201	3/15/2010	28.965834	-97.07	350	**103.1**	Victoria	GCD Current Observation Well
Evangeline	7908201	3/23/2015	28.965834	-97.07	350	**84.8**	Victoria	GCD Current Observation Well
Evangeline	7908201	3/27/2017	28.965834	-97.07	350	**102.7**	Victoria	GCD Current Observation Well
Evangeline	7908201	3/7/2018	28.965834	-97.07	350	**93.2**	Victoria	GCD Current Observation Well
Chicot	7908805	3/3/2005	28.875833	-97.048334	169	**64.91**	Victoria	GCD Current Observation Well
Chicot	7908805	3/15/2010	28.875833	-97.048334	169	**57.55**	Victoria	GCD Current Observation Well
Chicot	7908805	3/23/2015	28.875833	-97.048334	169	**56**	Victoria	GCD Current Observation Well
Chicot	7908805	3/27/2017	28.875833	-97.048334	169	**64.65**	Victoria	GCD Current Observation Well
Chicot	7908805	3/6/2018	28.875833	-97.048334	169	**67.5**	Victoria	GCD Current Observation Well
Evangeline	7913111	1/21/2010	28.848611	-97.475555	300	**192.2**	Goliad	GCD Current Observation Well
Evangeline	7913111	3/30/2015	28.848611	-97.475555	300	**182.6**	Goliad	GCD Current Observation Well
Evangeline	7913202	2/18/2000	28.862501	-97.4475	137	**232.35**	Goliad	Historical Observation Well
Evangeline	7913223	1/13/2010	28.841945	-97.424722	93	**197.1**	Goliad	GCD Current Observation Well
Evangeline	7913223	3/30/2015	28.841945	-97.424722	93	**194.65**	Goliad	GCD Current Observation Well
Evangeline	7913224	1/13/2010	28.843889	-97.431667	24	**219.9**	Goliad	GCD Current Observation Well
Evangeline	7913225	1/13/2010	28.844167	-97.431667	65	**179.57**	Goliad	GCD Current Observation Well
Evangeline	7913231	1/21/2010	28.843334	-97.4275	28	**224.23**	Goliad	GCD Current Observation Well
Evangeline	7913404	1/14/2005	28.800001	-97.476667	126	**164.9**	Goliad	Historical Observation Well
Evangeline	7913405	1/14/2005	28.814167	-97.471944	324	**193.6**	Goliad	GCD Current Observation Well
Evangeline	7913405	1/21/2010	28.814167	-97.471944	324	**188.05**	Goliad	GCD Current Observation Well
Evangeline	7913405	3/30/2015	28.814167	-97.471944	324	**178.4**	Goliad	GCD Current Observation Well
Evangeline	7913406	1/14/2005	28.816667	-97.468889	87	**274**	Goliad	GCD Current Observation Well
Evangeline	7913406	1/21/2010	28.816667	-97.468889	87	**265.3**	Goliad	GCD Current Observation Well
Evangeline	7913406	3/30/2015	28.816667	-97.468889	87	**250.7**	Goliad	GCD Current Observation Well
Evangeline	7913407	1/21/2010	28.819444	-97.486667	176	**259.28**	Goliad	GCD Current Observation Well
Evangeline	7913407	3/30/2015	28.819444	-97.486667	176	**247.55**	Goliad	GCD Current Observation Well
Evangeline	7913610	2/25/2010	28.827778	-97.414445	120	**229.3**	Goliad	GCD Current Observation Well
Evangeline	7913611	2/25/2010	28.829167	-97.412778	275	**167.2**	Goliad	GCD Current Observation Well
Evangeline	7913612	2/25/2010	28.815001	-97.393334	180	**168.8**	Goliad	GCD Current Observation Well
Evangeline	7913802	1/25/2010	28.790834	-97.419722	99	**224.4**	Goliad	GCD Current Observation Well
Evangeline	7913803	1/21/2010	28.765556	-97.439167	188	**198.3**	Goliad	GCD Current Observation Well

Table 2
Groundwater Elevation Data Summary

Aquifer	Well ID	Date	Latitude	Longitude	Well Depth (ft)	Water Table Elevation (ft)	County	Well Type
Evangeline	7913804	1/21/2010	28.768055	-97.436667	291	**162.85**	Goliad	GCD Current Observation Well
Evangeline	7913805	1/21/2010	28.770278	-97.418889	197	**203.13**	Goliad	GCD Current Observation Well
Evangeline	7913806	1/21/2010	28.764167	-97.433889	222	**160.85**	Goliad	GCD Current Observation Well
Evangeline	7913807	1/21/2010	28.763612	-97.430833	222	**195.4**	Goliad	GCD Current Observation Well
Evangeline	7913808	1/21/2010	28.765556	-97.429167	331	**159.43**	Goliad	GCD Current Observation Well
Evangeline	7913809	1/21/2010	28.7675	-97.433889	183	**162.65**	Goliad	GCD Current Observation Well
Evangeline	7913810	1/21/2010	28.769444	-97.431944	186	**195.87**	Goliad	GCD Current Observation Well
Evangeline	7913811	1/21/2010	28.767222	-97.439445	143	**193**	Goliad	GCD Current Observation Well
Evangeline	7913812	1/21/2010	28.769722	-97.431667	105	**203.85**	Goliad	GCD Current Observation Well
Evangeline	7913813	1/21/2010	28.771944	-97.425555	210	**201.45**	Goliad	GCD Current Observation Well
Evangeline	7914102	3/16/2005	28.835278	-97.365001	108	**170.96**	Goliad	Historical Observation Well
Evangeline	7914204	1/13/2010	28.863612	-97.331111	122	**147.32**	Goliad	USGS Current Observation Well
Evangeline	7914205	1/14/2010	28.840278	-97.305834	346	**129.63**	Goliad	USGS Current Observation Well
Evangeline	7914303	1/13/2010	28.8675	-97.275278	222	**118.44**	Victoria	USGS Current Observation Well
Evangeline	7914804	1/11/2010	28.755001	-97.315001	270	**137.89**	Goliad	USGS Current Observation Well
Evangeline	7915101	1/14/2010	28.859445	-97.218333	133	**103.38**	Goliad	USGS Current Observation Well
Evangeline	7915102	1/13/2010	28.854445	-97.212501	132	**101.07**	Goliad	USGS Current Observation Well
Evangeline	7915301	2/23/2000	28.853334	-97.161667	150	**55.22**	Victoria	Historical Observation Well
Evangeline	7915301	3/2/2005	28.853334	-97.161667	150	**59.39**	Victoria	Historical Observation Well
Evangeline	7915902	2/10/2000	28.759723	-97.145556	298	**52**	Victoria	Miscellaneous Measurements
Evangeline	7915903	3/2/2005	28.758889	-97.145	112	**82.39**	Victoria	GCD Current Observation Well
Evangeline	7915903	3/15/2010	28.758889	-97.145	112	**81.3**	Victoria	GCD Current Observation Well
Evangeline	7915903	3/23/2015	28.758889	-97.145	112	**79.25**	Victoria	GCD Current Observation Well
Evangeline	7915903	3/27/2017	28.758889	-97.145	112	**80.15**	Victoria	GCD Current Observation Well
Evangeline	7915903	3/7/2018	28.758889	-97.145	112	**80.15**	Victoria	GCD Current Observation Well
Evangeline	7915904	1/14/2010	28.759723	-97.164167	100	**72.89**	Victoria	GCD Current Observation Well
Evangeline	7915904	3/23/2015	28.759723	-97.164167	100	**71.55**	Victoria	GCD Current Observation Well
Evangeline	7915904	3/27/2017	28.759723	-97.164167	100	**74.3**	Victoria	GCD Current Observation Well
Evangeline	7915904	3/7/2018	28.759723	-97.164167	100	**74.3**	Victoria	GCD Current Observation Well
Evangeline	7916302	2/23/2000	28.850556	-97.007501	772	**-20.42**	Victoria	Historical Observation Well
Evangeline	7916608	2/23/2000	28.820833	-97.023611	327	**35.02**	Victoria	GCD Current Observation Well
Evangeline	7916608	3/1/2005	28.820833	-97.023611	327	**49.22**	Victoria	GCD Current Observation Well
Evangeline	7916608	3/23/2015	28.820833	-97.023611	327	**41.25**	Victoria	GCD Current Observation Well
Evangeline	7916608	3/27/2017	28.820833	-97.023611	327	**44.85**	Victoria	GCD Current Observation Well
Evangeline	7916608	3/6/2018	28.820833	-97.023611	327	**43.7**	Victoria	GCD Current Observation Well
Evangeline	7916903	2/23/2000	28.781667	-97.009723	770	**-22.9**	Victoria	Historical Observation Well
Evangeline	7922206	1/21/2005	28.721111	-97.313612	226	**115.2**	Goliad	GCD Current Observation Well
Evangeline	7922508	1/21/2005	28.693889	-97.325	263	**100.5**	Goliad	GCD Current Observation Well
Evangeline	7922701	2/18/2000	28.633889	-97.373889	259	**98.5**	Goliad	Historical Observation Well
Evangeline	7923303	3/2/2005	28.727778	-97.144445	194	**68.36**	Victoria	GCD Current Observation Well
Evangeline	7923303	3/15/2010	28.727778	-97.144445	194	**66.2**	Victoria	GCD Current Observation Well
Evangeline	7923303	3/23/2015	28.727778	-97.144445	194	**64.55**	Victoria	GCD Current Observation Well
Evangeline	7923303	3/27/2017	28.727778	-97.144445	194	**67.7**	Victoria	GCD Current Observation Well
Evangeline	7923303	3/8/2018	28.727778	-97.144445	194	**66.5**	Victoria	GCD Current Observation Well
Chicot	7923601	2/23/2000	28.6855556	-97.1497222	115	**70.71**	Victoria	GCD Current Observation Well
Chicot	7923601	3/15/2010	28.6855556	-97.1497222	115	**67.25**	Victoria	GCD Current Observation Well
Chicot	7923601	3/23/2015	28.6855556	-97.1497222	115	**66.45**	Victoria	GCD Current Observation Well
Chicot	7923601	3/27/2017	28.6855556	-97.1497222	115	**65.9**	Victoria	GCD Current Observation Well
Chicot	7923601	3/8/2018	28.6855556	-97.1497222	115	**65.3**	Victoria	GCD Current Observation Well
Chicot	7924102	3/2/2005	28.712501	-97.086945	100	**50.31**	Victoria	GCD Current Observation Well
Chicot	7924102	3/15/2010	28.712501	-97.086945	100	**48.5**	Victoria	GCD Current Observation Well
Chicot	7924102	3/23/2015	28.712501	-97.086945	100	**46.25**	Victoria	GCD Current Observation Well
Chicot	7924102	3/27/2017	28.712501	-97.086945	100	**45.6**	Victoria	GCD Current Observation Well
Chicot	7924102	3/8/2018	28.712501	-97.086945	100	**44.5**	Victoria	GCD Current Observation Well
Chicot	7924702	3/4/2005	28.657501	-97.117778	180	**58.91**	Victoria	GCD Current Observation Well
Chicot	7924702	3/15/2010	28.657501	-97.117778	180	**57**	Victoria	GCD Current Observation Well
Chicot	7924702	3/23/2015	28.657501	-97.117778	180	**56.26**	Victoria	GCD Current Observation Well
Chicot	7924702	3/27/2017	28.657501	-97.117778	180	**55.41**	Victoria	GCD Current Observation Well
Chicot	7924702	3/8/2018	28.657501	-97.117778	180	**55.21**	Victoria	GCD Current Observation Well
Evangeline	7927301	3/15/2005	28.592222	-97.647222	150	**186.96**	Goliad	Historical Observation Well
Evangeline	7928501	2/17/2000	28.552778	-97.563889	163	**159.38**	Goliad	Historical Observation Well
Evangeline	7928501	3/15/2005	28.552778	-97.563889	163	**165.35**	Goliad	Historical Observation Well
Evangeline	7928501	2/10/2010	28.552778	-97.563889	163	**160.7**	Goliad	Historical Observation Well
Chicot	7929903	2/18/2000	28.516112	-97.404723	192	**103.13**	Goliad	Historical Observation Well

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Groundwater Elevation Data Summary

Aquifer	Well ID	Date	Latitude	Longitude	Well Depth (ft)	Water Table Elevation (ft)	County	Well Type
Chicot	7929903	2/10/2010	28.516112	-97.404723	192	**98.74**	Goliad	Historical Observation Well
Chicot	7930701	2/10/2010	28.510001	-97.336111	235	**92.29**	Goliad	Historical Observation Well
Chicot	7931501	2/10/2010	28.554167	-97.171667	125	**60.31**	Goliad	Historical Observation Well
Chicot	7932602	2/23/2000	28.5466667	-97.0055556	798	**19.96**	Victoria	GCD Current Observation Well
Chicot	7932602	3/1/2005	28.5466667	-97.0055556	798	**29.5**	Victoria	GCD Current Observation Well
Chicot	7932602	3/15/2010	28.5466667	-97.0055556	798	**39.1**	Victoria	GCD Current Observation Well
Chicot	7932802	2/21/2000	28.528055	-97.045278	165	**29.18**	Refugio	GCD Current Observation Well
Chicot	7932802	3/14/2005	28.528055	-97.045278	165	**28.96**	Refugio	GCD Current Observation Well
Chicot	7932802	2/10/2010	28.528055	-97.045278	165	**27.69**	Refugio	GCD Current Observation Well
Chicot	7932802	3/8/2017	28.528055	-97.045278	165	**25.4**	Refugio	GCD Current Observation Well
Chicot	7932802	3/15/2018	28.528055	-97.045278	165	**24.63**	Refugio	GCD Current Observation Well
Evangeline	7935101	2/17/2000	28.4595778	-97.7178278	130	**208.48**	Bee	TWDB Current Observation Well
Evangeline	7935101	2/17/2010	28.4595778	-97.7178278	130	**212.1**	Bee	TWDB Current Observation Well
Evangeline	7935101	3/12/2015	28.4595778	-97.7178278	130	**201.33**	Bee	TWDB Current Observation Well
Evangeline	7935101	1/24/2018	28.4595778	-97.7178278	130	**202.44**	Bee	TWDB Current Observation Well
Evangeline	7935305	2/17/2000	28.476625	-97.6397306	150	**172.5**	Bee	TWDB Current Observation Well
Evangeline	7935305	2/17/2010	28.476625	-97.6397306	150	**175.98**	Bee	TWDB Current Observation Well
Evangeline	7935305	3/12/2015	28.476625	-97.6397306	150	**169.8**	Bee	TWDB Current Observation Well
Chicot	7939101	3/15/2005	28.476389	-97.211945	200	**64.98**	Refugio	Historical Observation Well
Evangeline	7944103	2/17/2000	28.3575333	-97.5935333	150	**71.39**	Bee	TWDB Current Observation Well
Evangeline	7944103	2/10/2010	28.3575333	-97.5935333	150	**82.72**	Bee	TWDB Current Observation Well
Chicot	7946601	3/14/2005	28.3219444	-97.29	525	**42.01**	Refugio	GCD Current Observation Well
Chicot	7946601	2/10/2010	28.3219444	-97.29	525	**41.8**	Refugio	GCD Current Observation Well
Chicot	7946601	3/8/2017	28.3219444	-97.29	525	**35.3**	Refugio	GCD Current Observation Well
Chicot	7946601	3/15/2018	28.3219444	-97.29	525	**28.4**	Refugio	GCD Current Observation Well
Chicot	7946803	2/21/2000	28.29	-97.325	365	**37.41**	Refugio	Historical Observation Well
Chicot	7946803	3/14/2005	28.29	-97.325	365	**37.61**	Refugio	Historical Observation Well
Chicot	7946803	2/10/2010	28.29	-97.325	365	**38.3**	Refugio	Historical Observation Well
Chicot	7947702	3/8/2017	28.288889	-97.233889	200	**-3.2**	Refugio	GCD Current Observation Well
Chicot	7947702	3/15/2018	28.288889	-97.233889	200	**7.6**	Refugio	GCD Current Observation Well
Chicot	7954803	2/21/2000	28.147222	-97.307223	331	**5.61**	Refugio	GCD Current Observation Well
Chicot	7954803	3/14/2005	28.147222	-97.307223	331	**13.73**	Refugio	GCD Current Observation Well
Chicot	7954803	2/10/2010	28.147222	-97.307223	331	**14.2**	Refugio	GCD Current Observation Well
Chicot	7954803	3/15/2018	28.147222	-97.307223	331	**14.7**	Refugio	GCD Current Observation Well
Chicot	8002102	3/3/2005	28.973333	-96.855001	366	**42.58**	Victoria	GCD Current Observation Well
Chicot	8002102	3/18/2010	28.973333	-96.855001	366	**43**	Victoria	GCD Current Observation Well
Chicot	8002102	3/23/2015	28.973333	-96.855001	366	**35.15**	Victoria	GCD Current Observation Well
Chicot	8002102	2/21/2017	28.973333	-96.855001	366	**38**	Victoria	GCD Current Observation Well
Chicot	8002102	3/27/2017	28.973333	-96.855001	366	**39.9**	Victoria	GCD Current Observation Well
Chicot	8002102	3/13/2018	28.973333	-96.855001	366	**42.1**	Victoria	GCD Current Observation Well
Chicot	8006903	2/23/2000	28.898056	-96.265278	421	**34.7**	Matagorda	Historical Observation Well
Chicot	8006903	2/8/2005	28.898056	-96.265278	421	**37.6**	Matagorda	Historical Observation Well
Chicot	8007102	2/23/2000	28.985	-96.2411111	1020	**36**	Matagorda	TWDB Current Observation Well
Chicot	8007102	2/9/2005	28.985	-96.2411111	1020	**42.4**	Matagorda	TWDB Current Observation Well
Chicot	8007102	1/27/2010	28.985	-96.2411111	1020	**31.72**	Matagorda	TWDB Current Observation Well
Chicot	8007102	1/20/2015	28.985	-96.2411111	1020	**26.34**	Matagorda	TWDB Current Observation Well
Chicot	8007102	3/25/2017	28.985	-96.2411111	1020	**27.08**	Matagorda	TWDB Current Observation Well
Chicot	8007102	1/9/2018	28.985	-96.2411111	1020	**19.25**	Matagorda	TWDB Current Observation Well
Chicot	8007203	1/1/2010	28.995	-96.169444	453	**-24.7**	Matagorda	GCD Current Observation Well
Chicot	8007203	2/1/2010	28.995	-96.169444	453	**-21.2**	Matagorda	GCD Current Observation Well
Chicot	8007203	3/1/2010	28.995	-96.169444	453	**-18.6**	Matagorda	GCD Current Observation Well
Chicot	8007203	1/1/2015	28.995	-96.169444	453	**-35.4**	Matagorda	GCD Current Observation Well
Chicot	8007203	2/1/2015	28.995	-96.169444	453	**-33.3**	Matagorda	GCD Current Observation Well
Chicot	8007203	3/1/2015	28.995	-96.169444	453	**-31.1**	Matagorda	GCD Current Observation Well
Chicot	8007203	1/1/2017	28.995	-96.169444	453	**-20.2**	Matagorda	GCD Current Observation Well
Chicot	8007203	2/1/2017	28.995	-96.169444	453	**-19.1**	Matagorda	GCD Current Observation Well
Chicot	8007203	3/1/2017	28.995	-96.169444	453	**-18.5**	Matagorda	GCD Current Observation Well
Chicot	8007404	2/23/2000	28.937222	-96.228333	510	**26.35**	Matagorda	Historical Observation Well
Chicot	8007404	2/9/2005	28.937222	-96.228333	510	**32.4**	Matagorda	Historical Observation Well
Chicot	8008504	2/23/2000	28.9583333	-96.0702778	690	**-42.9**	Matagorda	TWDB Current Observation Well
Chicot	8008504	2/9/2005	28.9583333	-96.0702778	690	**-28.4**	Matagorda	TWDB Current Observation Well
Chicot	8008504	1/27/2010	28.9583333	-96.0702778	690	**-31.35**	Matagorda	TWDB Current Observation Well
Chicot	8008504	1/29/2015	28.9583333	-96.0702778	690	**-41.01**	Matagorda	TWDB Current Observation Well
Chicot	8008504	1/9/2018	28.9583333	-96.0702778	690	**-33.4**	Matagorda	TWDB Current Observation Well

Table 2
Groundwater Elevation Data Summary

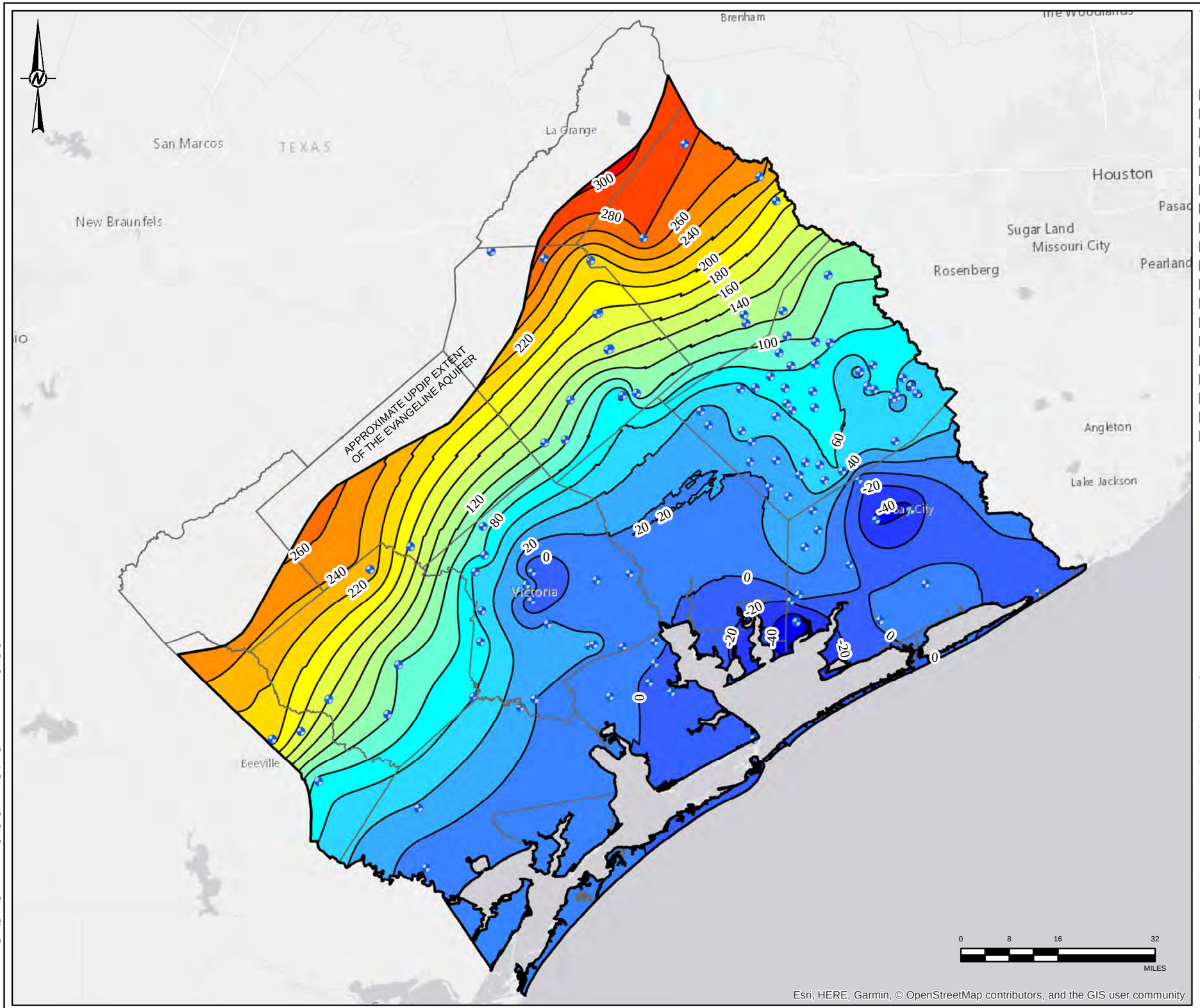
Aquifer	Well ID	Date	Latitude	Longitude	Well Depth (ft)	Water Table Elevation (ft)	County	Well Type
Chicot	8010101	3/18/2010	28.866667	-96.860834	880	**27.05**	Victoria	GCD Current Observation Well
Chicot	8010101	3/23/2015	28.866667	-96.860834	880	**20.9**	Victoria	GCD Current Observation Well
Chicot	8010101	3/27/2017	28.866667	-96.860834	880	**25.3**	Victoria	GCD Current Observation Well
Chicot	8010401	2/23/2000	28.828333	-96.833334	654	**14.12**	Victoria	GCD Current Observation Well
Chicot	8010401	3/18/2010	28.828333	-96.833334	654	**33.5**	Victoria	GCD Current Observation Well
Chicot	8010401	3/23/2015	28.828333	-96.833334	654	**19.4**	Victoria	GCD Current Observation Well
Chicot	8010401	3/27/2017	28.828333	-96.833334	654	**25.1**	Victoria	GCD Current Observation Well
Chicot	8010401	3/14/2018	28.828333	-96.833334	654	**18.3**	Victoria	GCD Current Observation Well
Chicot	8011101	2/23/2000	28.8425	-96.7425	470	**10.89**	Victoria	Historical Observation Well
Chicot	8014801	2/22/2000	28.7691667	-96.3072222	719	**-19.7**	Matagorda	TWDB Current Observation Well
Chicot	8014801	2/9/2005	28.7691667	-96.3072222	719	**-6**	Matagorda	TWDB Current Observation Well
Chicot	8014801	1/27/2010	28.7691667	-96.3072222	719	**-9.94**	Matagorda	TWDB Current Observation Well
Chicot	8014801	1/21/2015	28.7691667	-96.3072222	719	**-12.68**	Matagorda	TWDB Current Observation Well
Chicot	8014801	3/25/2017	28.7691667	-96.3072222	719	**-5.08**	Matagorda	TWDB Current Observation Well
Chicot	8014801	1/10/2018	28.7691667	-96.3072222	719	**-7.5**	Matagorda	TWDB Current Observation Well
Chicot	8014901	2/22/2000	28.783889	-96.284167	460	**11.2**	Matagorda	Historical Observation Well
Chicot	8014901	2/9/2005	28.783889	-96.284167	460	**24.4**	Matagorda	Historical Observation Well
Chicot	8014901	1/27/2010	28.783889	-96.284167	460	**23.67**	Matagorda	Historical Observation Well
Chicot	8014903	1/1/2010	28.763056	-96.257223	320	**-51.8**	Matagorda	GCD Current Observation Well
Chicot	8014903	2/1/2010	28.763056	-96.257223	320	**-48.1**	Matagorda	GCD Current Observation Well
Chicot	8014903	3/1/2010	28.763056	-96.257223	320	**-44.3**	Matagorda	GCD Current Observation Well
Chicot	8014903	1/1/2015	28.763056	-96.257223	320	**-49.2**	Matagorda	GCD Current Observation Well
Chicot	8014903	2/1/2015	28.763056	-96.257223	320	**-46.6**	Matagorda	GCD Current Observation Well
Chicot	8014903	3/1/2015	28.763056	-96.257223	320	**-44.4**	Matagorda	GCD Current Observation Well
Chicot	8014903	1/1/2017	28.763056	-96.257223	320	**-38.4**	Matagorda	GCD Current Observation Well
Chicot	8014903	2/1/2017	28.763056	-96.257223	320	**-38.2**	Matagorda	GCD Current Observation Well
Chicot	8014903	3/1/2017	28.763056	-96.257223	320	**-37.5**	Matagorda	GCD Current Observation Well
Chicot	8015301	2/23/2000	28.853056	-96.144445	570	**3**	Matagorda	GCD Current Observation Well
Chicot	8015301	2/8/2005	28.853056	-96.144445	570	**9.1**	Matagorda	GCD Current Observation Well
Chicot	8015301	1/1/2010	28.853056	-96.144445	570	**7.1**	Matagorda	GCD Current Observation Well
Chicot	8015301	2/1/2010	28.853056	-96.144445	570	**7.2**	Matagorda	GCD Current Observation Well
Chicot	8015301	3/1/2010	28.853056	-96.144445	570	**7.8**	Matagorda	GCD Current Observation Well
Chicot	8015301	1/1/2015	28.853056	-96.144445	570	**5.2**	Matagorda	GCD Current Observation Well
Chicot	8015301	2/1/2015	28.853056	-96.144445	570	**5.4**	Matagorda	GCD Current Observation Well
Chicot	8015301	3/1/2015	28.853056	-96.144445	570	**5.8**	Matagorda	GCD Current Observation Well
Chicot	8015301	1/1/2017	28.853056	-96.144445	570	**6.7**	Matagorda	GCD Current Observation Well
Chicot	8015301	2/1/2017	28.853056	-96.144445	570	**6.9**	Matagorda	GCD Current Observation Well
Chicot	8015301	3/1/2017	28.853056	-96.144445	570	**7.2**	Matagorda	GCD Current Observation Well
Chicot	8015402	2/8/2005	28.810556	-96.220278	295	**-32.6**	Matagorda	Historical Observation Well
Chicot	8015402	1/27/2010	28.810556	-96.220278	295	**-43.38**	Matagorda	Historical Observation Well
Chicot	8015405	1/21/2015	28.8105556	-96.2202778	270	**-42.2**	Matagorda	TWDB Current Observation Well
Chicot	8015405	3/25/2017	28.8105556	-96.2202778	270	**-34.21**	Matagorda	TWDB Current Observation Well
Chicot	8015405	1/10/2018	28.8105556	-96.2202778	270	**-36.55**	Matagorda	TWDB Current Observation Well
Chicot	8015502	1/1/2010	28.813889	-96.167778	776	**-48.1**	Matagorda	GCD Current Observation Well
Chicot	8015502	2/1/2010	28.813889	-96.167778	776	**-45.4**	Matagorda	GCD Current Observation Well
Chicot	8015502	3/1/2010	28.813889	-96.167778	776	**-41.6**	Matagorda	GCD Current Observation Well
Chicot	8015502	1/1/2015	28.813889	-96.167778	776	**-46.5**	Matagorda	GCD Current Observation Well
Chicot	8015502	2/1/2015	28.813889	-96.167778	776	**-46.1**	Matagorda	GCD Current Observation Well
Chicot	8015502	3/1/2015	28.813889	-96.167778	776	**-43.5**	Matagorda	GCD Current Observation Well
Chicot	8015502	1/1/2017	28.813889	-96.167778	776	**-34.3**	Matagorda	GCD Current Observation Well
Chicot	8015502	2/1/2017	28.813889	-96.167778	776	**-34.5**	Matagorda	GCD Current Observation Well
Chicot	8015502	3/1/2017	28.813889	-96.167778	776	**-33.9**	Matagorda	GCD Current Observation Well
Chicot	8017101	2/23/2000	28.726111	-96.966389	703	**24.71**	Victoria	GCD Current Observation Well
Chicot	8017101	3/18/2010	28.726111	-96.966389	703	**27.5**	Victoria	GCD Current Observation Well
Chicot	8017101	3/27/2017	28.726111	-96.966389	703	**25.6**	Victoria	GCD Current Observation Well
Chicot	8017101	3/27/2018	28.726111	-96.966389	703	**25.55**	Victoria	GCD Current Observation Well
Chicot	8017801	3/28/2017	28.638056	-96.924444	305	**11.6**	Victoria	GCD Current Observation Well
Evangeline	8017905	3/1/2005	28.6475	-96.895278	1010	**25.55**	Victoria	GCD Current Observation Well
Evangeline	8017905	3/15/2010	28.6475	-96.895278	1010	**29.4**	Victoria	GCD Current Observation Well
Evangeline	8017905	3/23/2015	28.6475	-96.895278	1010	**22.2**	Victoria	GCD Current Observation Well
Evangeline	8017905	3/28/2017	28.6475	-96.895278	1010	**26.24**	Victoria	GCD Current Observation Well
Evangeline	8017905	3/9/2018	28.6475	-96.895278	1010	**22.88**	Victoria	GCD Current Observation Well
Chicot	8018103	3/27/2015	28.714167	-96.836111	120	**22.92**	Victoria	GCD Current Observation Well
Chicot	8018103	3/14/2018	28.714167	-96.836111	120	**23.8**	Victoria	GCD Current Observation Well

Table 2
Groundwater Elevation Data Summary

Aquifer	Well ID	Date	Latitude	Longitude	Well Depth (ft)	Water Table Elevation (ft)	County	Well Type
Chicot	8018401	2/23/2000	28.671111	-96.855001	450	**21.21**	Victoria	GCD Current Observation Well
Chicot	8018401	3/1/2005	28.671111	-96.855001	450	**23.96**	Victoria	GCD Current Observation Well
Chicot	8018401	3/15/2010	28.671111	-96.855001	450	**23.3**	Victoria	GCD Current Observation Well
Chicot	8018401	3/23/2015	28.671111	-96.855001	450	**22.6**	Victoria	GCD Current Observation Well
Chicot	8018401	3/28/2017	28.671111	-96.855001	450	**23.2**	Victoria	GCD Current Observation Well
Chicot	8018402	2/23/2000	28.673889	-96.843611	336	**23.22**	Victoria	GCD Current Observation Well
Chicot	8018402	3/1/2005	28.673889	-96.843611	336	**26.16**	Victoria	GCD Current Observation Well
Chicot	8018402	3/15/2010	28.673889	-96.843611	336	**24.6**	Victoria	GCD Current Observation Well
Chicot	8018402	3/23/2015	28.673889	-96.843611	336	**21.52**	Victoria	GCD Current Observation Well
Chicot	8018402	3/28/2017	28.673889	-96.843611	336	**23.7**	Victoria	GCD Current Observation Well
Chicot	8018402	3/8/2018	28.673889	-96.843611	336	**23.55**	Victoria	GCD Current Observation Well
Chicot	8018601	2/23/2000	28.6675	-96.765278	300	**14.94**	Victoria	Historical Observation Well
Chicot	8018601	3/1/2005	28.6675	-96.765278	300	**18.37**	Victoria	Historical Observation Well
Chicot	8019506	2/22/2000	28.6788306	-96.6787472	280	**4.61**	Calhoun	TWDB Current Observation Well
Chicot	8019506	3/1/2005	28.6788306	-96.6787472	280	**7.88**	Calhoun	TWDB Current Observation Well
Chicot	8019506	2/9/2010	28.6788306	-96.6787472	280	**8.79**	Calhoun	TWDB Current Observation Well
Chicot	8019506	1/3/2015	28.6788306	-96.6787472	280	**4.32**	Calhoun	TWDB Current Observation Well
Chicot	8019506	1/9/2017	28.6788306	-96.6787472	280	**6.25**	Calhoun	TWDB Current Observation Well
Chicot	8019506	1/23/2018	28.6788306	-96.6787472	280	**6.17**	Calhoun	TWDB Current Observation Well
Chicot	8019802	2/22/2000	28.6269972	-96.679	243	**-0.48**	Calhoun	TWDB Current Observation Well
Chicot	8019802	3/1/2005	28.6269972	-96.679	243	**4.65**	Calhoun	TWDB Current Observation Well
Chicot	8019802	2/9/2010	28.6269972	-96.679	243	**0.99**	Calhoun	TWDB Current Observation Well
Chicot	8022204	2/22/2000	28.7183333	-96.2922222	360	**-55.4**	Matagorda	TWDB Current Observation Well
Chicot	8022204	2/9/2005	28.7183333	-96.2922222	360	**-38.6**	Matagorda	TWDB Current Observation Well
Chicot	8022204	1/27/2010	28.7183333	-96.2922222	360	**-44.46**	Matagorda	TWDB Current Observation Well
Chicot	8022204	1/21/2015	28.7183333	-96.2922222	360	**-47.32**	Matagorda	TWDB Current Observation Well
Chicot	8022204	3/25/2017	28.7183333	-96.2922222	360	**-32.39**	Matagorda	TWDB Current Observation Well
Chicot	8022204	1/10/2018	28.7183333	-96.2922222	360	**-39.95**	Matagorda	TWDB Current Observation Well
Chicot	8024201	2/23/2000	28.7175	-96.0663889	490	**2.7**	Matagorda	TWDB Current Observation Well
Chicot	8024201	2/8/2005	28.7175	-96.0663889	490	**7.3**	Matagorda	TWDB Current Observation Well
Chicot	8024201	1/27/2010	28.7175	-96.0663889	490	**8.78**	Matagorda	TWDB Current Observation Well
Chicot	8024201	1/21/2015	28.7175	-96.0663889	490	**-2.3**	Matagorda	TWDB Current Observation Well
Chicot	8024201	3/25/2017	28.7175	-96.0663889	490	**0.18**	Matagorda	TWDB Current Observation Well
Chicot	8024201	1/10/2018	28.7175	-96.0663889	490	**0.81**	Matagorda	TWDB Current Observation Well
Chicot	8026501	2/22/2000	28.5490722	-96.8023167	267	**7.14**	Calhoun	TWDB Current Observation Well
Chicot	8026501	2/28/2005	28.5490722	-96.8023167	267	**8.68**	Calhoun	TWDB Current Observation Well
Chicot	8026501	2/9/2010	28.5490722	-96.8023167	267	**8.24**	Calhoun	TWDB Current Observation Well
Chicot	8026501	1/13/2015	28.5490722	-96.8023167	267	**4.94**	Calhoun	TWDB Current Observation Well
Chicot	8026501	1/9/2017	28.5490722	-96.8023167	267	**6.73**	Calhoun	TWDB Current Observation Well
Chicot	8026501	1/23/2018	28.5490722	-96.8023167	267	**6.4**	Calhoun	TWDB Current Observation Well
Chicot	8027501	2/22/2000	28.580833	-96.695834	258	**-3.92**	Calhoun	Historical Observation Well
Chicot	8027601	2/22/2000	28.5566167	-96.6363194	273	**-1.54**	Calhoun	TWDB Current Observation Well
Chicot	8027601	2/28/2005	28.5566167	-96.6363194	273	**0.87**	Calhoun	TWDB Current Observation Well
Chicot	8027601	2/9/2010	28.5566167	-96.6363194	273	**-2.38**	Calhoun	TWDB Current Observation Well
Chicot	8027601	1/13/2015	28.5566167	-96.6363194	273	**-9.02**	Calhoun	TWDB Current Observation Well
Chicot	8027601	1/9/2017	28.5566167	-96.6363194	273	**-5.58**	Calhoun	TWDB Current Observation Well
Chicot	8027601	1/23/2018	28.5566167	-96.6363194	273	**-10.6**	Calhoun	TWDB Current Observation Well
Chicot	8033203	3/15/2005	28.493056	-96.938889	150	**13.98**	Refugio	Historical Observation Well
Chicot	8033203	2/10/2010	28.493056	-96.938889	150	**10.77**	Refugio	Historical Observation Well
Chicot	8033205	3/8/2017	28.493056	-96.939167	98	**10.4**	Refugio	GCD Current Observation Well
Chicot	8033205	3/15/2018	28.493056	-96.939167	98	**10.6**	Refugio	GCD Current Observation Well
Chicot	8037601	2/22/2000	28.440556	-96.414445	228	**-5.39**	Calhoun	Historical Observation Well
Chicot	8101101	2/23/2000	28.979722	-95.975	768	**-28.3**	Matagorda	Historical Observation Well
Chicot	8101101	2/8/2005	28.979722	-95.975	768	**-17.2**	Matagorda	Historical Observation Well
Chicot	8101102	2/23/2000	28.98	-95.9752778	1032	**-47**	Matagorda	TWDB Current Observation Well
Chicot	8101102	2/8/2005	28.98	-95.9752778	1032	**-28.8**	Matagorda	TWDB Current Observation Well
Chicot	8101102	1/27/2010	28.98	-95.9752778	1032	**-34.12**	Matagorda	TWDB Current Observation Well
Chicot	8101102	1/29/2015	28.98	-95.9752778	1032	**-48.45**	Matagorda	TWDB Current Observation Well
Chicot	8101102	1/9/2018	28.98	-95.9752778	1032	**-47.9**	Matagorda	TWDB Current Observation Well
Chicot	8101205	1/1/2010	28.964445	-95.920833	480	**-19.9**	Matagorda	GCD Current Observation Well
Chicot	8101205	2/1/2010	28.964445	-95.920833	480	**-19.3**	Matagorda	GCD Current Observation Well
Chicot	8101205	3/1/2010	28.964445	-95.920833	480	**-18.4**	Matagorda	GCD Current Observation Well
Chicot	8101205	1/1/2015	28.964445	-95.920833	480	**-25.6**	Matagorda	GCD Current Observation Well
Chicot	8101205	2/1/2015	28.964445	-95.920833	480	**-27.2**	Matagorda	GCD Current Observation Well

Table 2
Groundwater Elevation Data Summary

Aquifer	Well ID	Date	Latitude	Longitude	Well Depth (ft)	Water Table Elevation (ft)	County	Well Type
Chicot	8101205	3/1/2015	28.964445	-95.920833	480	**-25.2**	Matagorda	GCD Current Observation Well
Chicot	8101205	1/1/2017	28.964445	-95.920833	480	**-21.5**	Matagorda	GCD Current Observation Well
Chicot	8101205	2/1/2017	28.964445	-95.920833	480	**-22.5**	Matagorda	GCD Current Observation Well
Chicot	8101205	3/1/2017	28.964445	-95.920833	480	**-23.1**	Matagorda	GCD Current Observation Well
Chicot	8101701	1/1/2010	28.916389	-95.995834	400	**-23.9**	Matagorda	GCD Current Observation Well
Chicot	8101701	2/1/2010	28.916389	-95.995834	400	**-23.4**	Matagorda	GCD Current Observation Well
Chicot	8101701	3/1/2010	28.916389	-95.995834	400	**-22.4**	Matagorda	GCD Current Observation Well
Chicot	8101701	1/1/2015	28.916389	-95.995834	400	**-33.4**	Matagorda	GCD Current Observation Well
Chicot	8101701	2/1/2015	28.916389	-95.995834	400	**-31.8**	Matagorda	GCD Current Observation Well
Chicot	8101701	3/1/2015	28.916389	-95.995834	400	**-30.9**	Matagorda	GCD Current Observation Well
Chicot	8101701	1/1/2017	28.916389	-95.995834	400	**-27.9**	Matagorda	GCD Current Observation Well
Chicot	8101701	2/1/2017	28.916389	-95.995834	400	**-27.5**	Matagorda	GCD Current Observation Well
Chicot	8101701	3/1/2017	28.916389	-95.995834	400	**-27.9**	Matagorda	GCD Current Observation Well
Chicot	8102605	1/1/2010	28.944445	-95.755834	525	**-6.1**	Matagorda	GCD Current Observation Well
Chicot	8102605	2/1/2010	28.944445	-95.755834	525	**-5.6**	Matagorda	GCD Current Observation Well
Chicot	8102605	3/1/2010	28.944445	-95.755834	525	**-5.5**	Matagorda	GCD Current Observation Well
Chicot	8102605	1/1/2015	28.944445	-95.755834	525	**-11.7**	Matagorda	GCD Current Observation Well
Chicot	8102605	2/1/2015	28.944445	-95.755834	525	**-11.6**	Matagorda	GCD Current Observation Well
Chicot	8102605	3/1/2015	28.944445	-95.755834	525	**-10.4**	Matagorda	GCD Current Observation Well
Chicot	8102605	1/1/2017	28.944445	-95.755834	525	**-6.9**	Matagorda	GCD Current Observation Well
Chicot	8102605	2/1/2017	28.944445	-95.755834	525	**-7.5**	Matagorda	GCD Current Observation Well
Chicot	8102605	3/1/2017	28.944445	-95.755834	525	**-8.8**	Matagorda	GCD Current Observation Well
Chicot	8102901	1/29/2015	28.88	-95.7861111	294	**-8.27**	Matagorda	TWDB Current Observation Well
Chicot	8102901	3/23/2017	28.88	-95.7861111	294	**-12.97**	Matagorda	TWDB Current Observation Well
Chicot	8109504	2/23/2000	28.802501	-95.939167	721	**10.7**	Matagorda	Historical Observation Well
Chicot	8109504	2/8/2005	28.802501	-95.939167	721	**13.04**	Matagorda	Historical Observation Well
Chicot	8111901	2/23/2000	28.775	-95.6325	527	**-8**	Matagorda	TWDB Current Observation Well
Chicot	8111901	2/8/2005	28.775	-95.6325	527	**-14.08**	Matagorda	TWDB Current Observation Well
Chicot	8111901	1/27/2010	28.775	-95.6325	527	**2.64**	Matagorda	TWDB Current Observation Well
Chicot	8111901	1/29/2015	28.775	-95.6325	527	**-14.85**	Matagorda	TWDB Current Observation Well
Chicot	8111901	3/23/2017	28.775	-95.6325	527	**-15**	Matagorda	TWDB Current Observation Well
Chicot	8111901	1/10/2018	28.775	-95.6325	527	**-15.48**	Matagorda	TWDB Current Observation Well



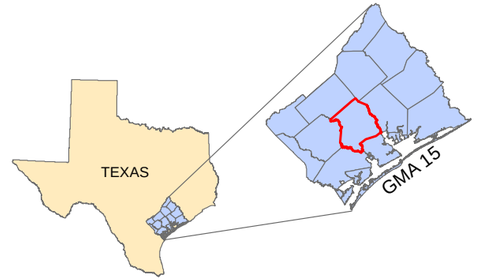
EXPLANATION

MONITORING WELL

GW ELEVATION (FT AMSL)

CONTOUR INTERVAL: 20'

- 301 - 320
- 281 - 300
- 261 - 280
- 241 - 260
- 221 - 240
- 201 - 220
- 181 - 200
- 161 - 180
- 141 - 160
- 121 - 140
- 101 - 120
- 81 - 100
- 61 - 80
- 41 - 60
- 21 - 40
- 1 - 20
- -19 - 0
- -39 - -20
- -55 - -40



MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AND EVANGELINE AQUIFERS
GROUNDWATER MANAGEMENT AREA 15

GROUNDWATER POTENTIOMETRIC SURFACE (2000)

GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A003	0	**1A**

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_AssessmentA_Report\02_PRODUCTION\MXD\19118447_A003_CE_GMA15.mxd

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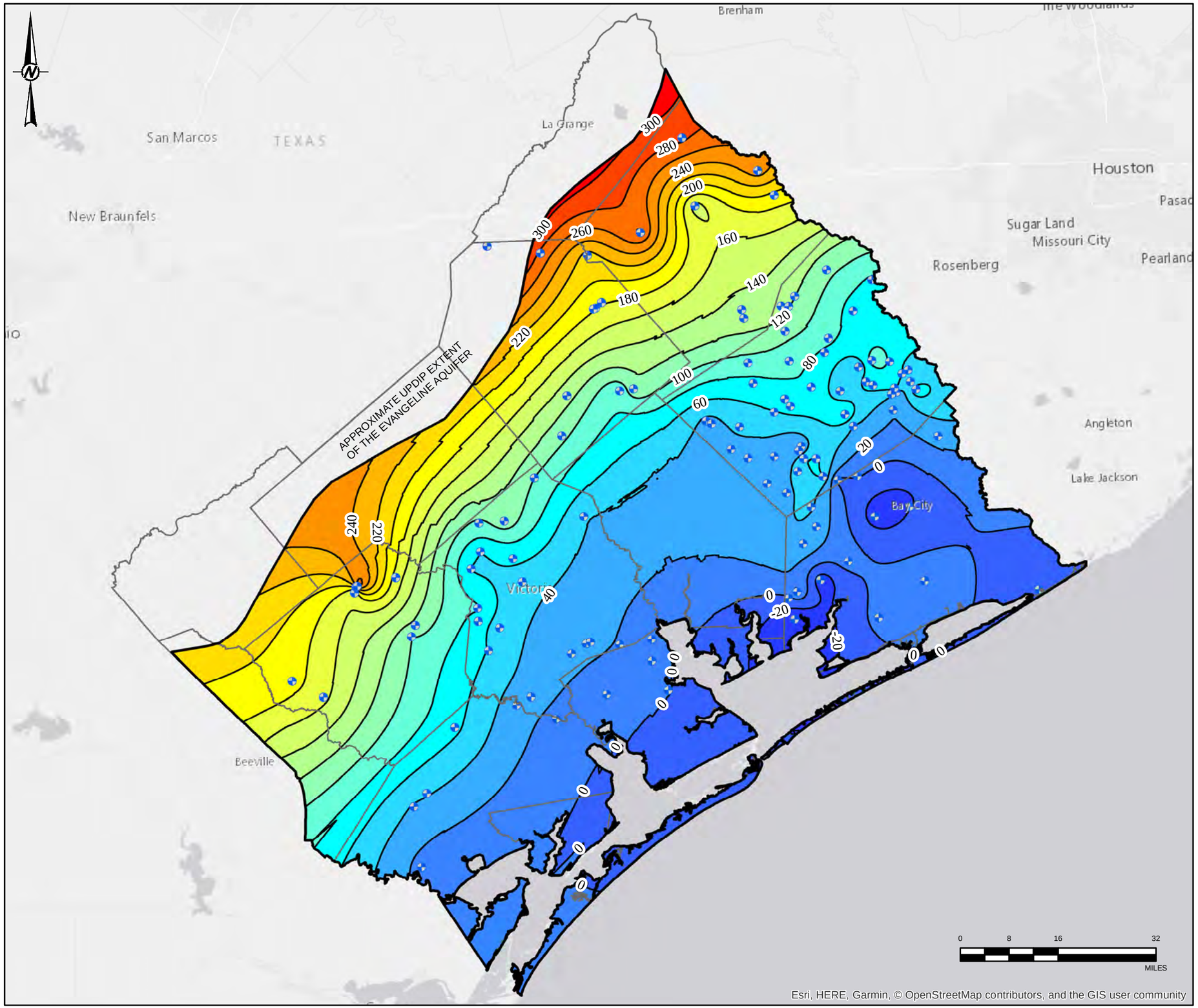

EXPLANATION

MONITORING WELL

GW ELEVATION (FT AMSL)

CONTOUR INTERVAL: 20'

- 301 - 320
- 281 - 300
- 261 - 280
- 241 - 260
- 221 - 240
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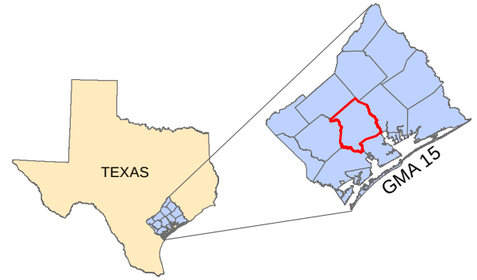
- 181 - 200
- 161 - 180
- 141 - 160
- 121 - 140
- 101 - 120
- 81 - 100
- 61 - 80
- 41 - 60
- 21 - 40
- 1 - 20
- -19 - 0
- -39 - -20
- -55 - -40



MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AND EVANGELINE AQUIFERS
GROUNDWATER MANAGEMENT AREA 15

GROUNDWATER POTENTIOMETRIC SURFACE (2005)

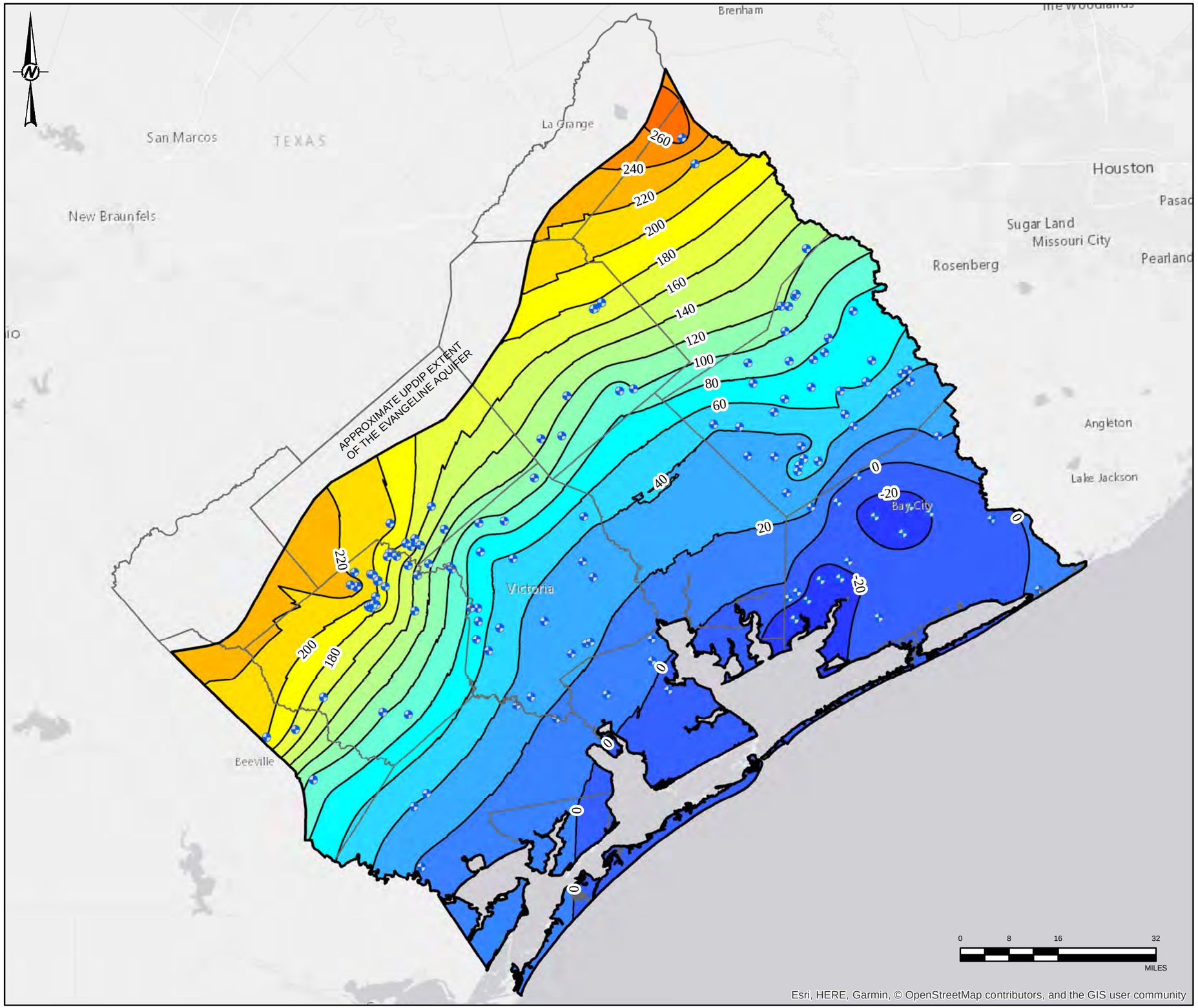
GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A003	0	**1B**

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_AssessmentA_Report\02_PRODUCTION\MXD\19118447_A003_CE_GMA15.mxd

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B



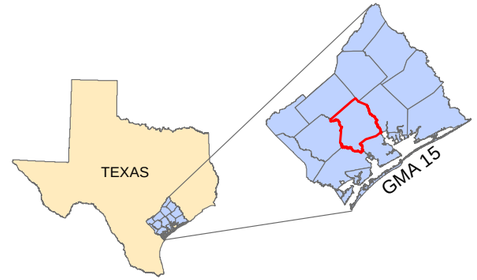
EXPLANATION

MONITORING WELL

GW ELEVATION (FT AMSL)

CONTOUR INTERVAL: 20'

- 301 - 320
- 281 - 300
- 261 - 280
- 241 - 260
- 221 - 240
- 201 - 220
- 181 - 200
- 161 - 180
- 141 - 160
- 121 - 140
- 101 - 120
- 81 - 100
- 61 - 80
- 41 - 60
- 21 - 40
- 1 - 20
- -19 - 0
- -39 - -20
- -55 - -40



MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AND EVANGELINE AQUIFERS
GROUNDWATER MANAGEMENT AREA 15

GROUNDWATER POTENTIOMETRIC SURFACE (2010)

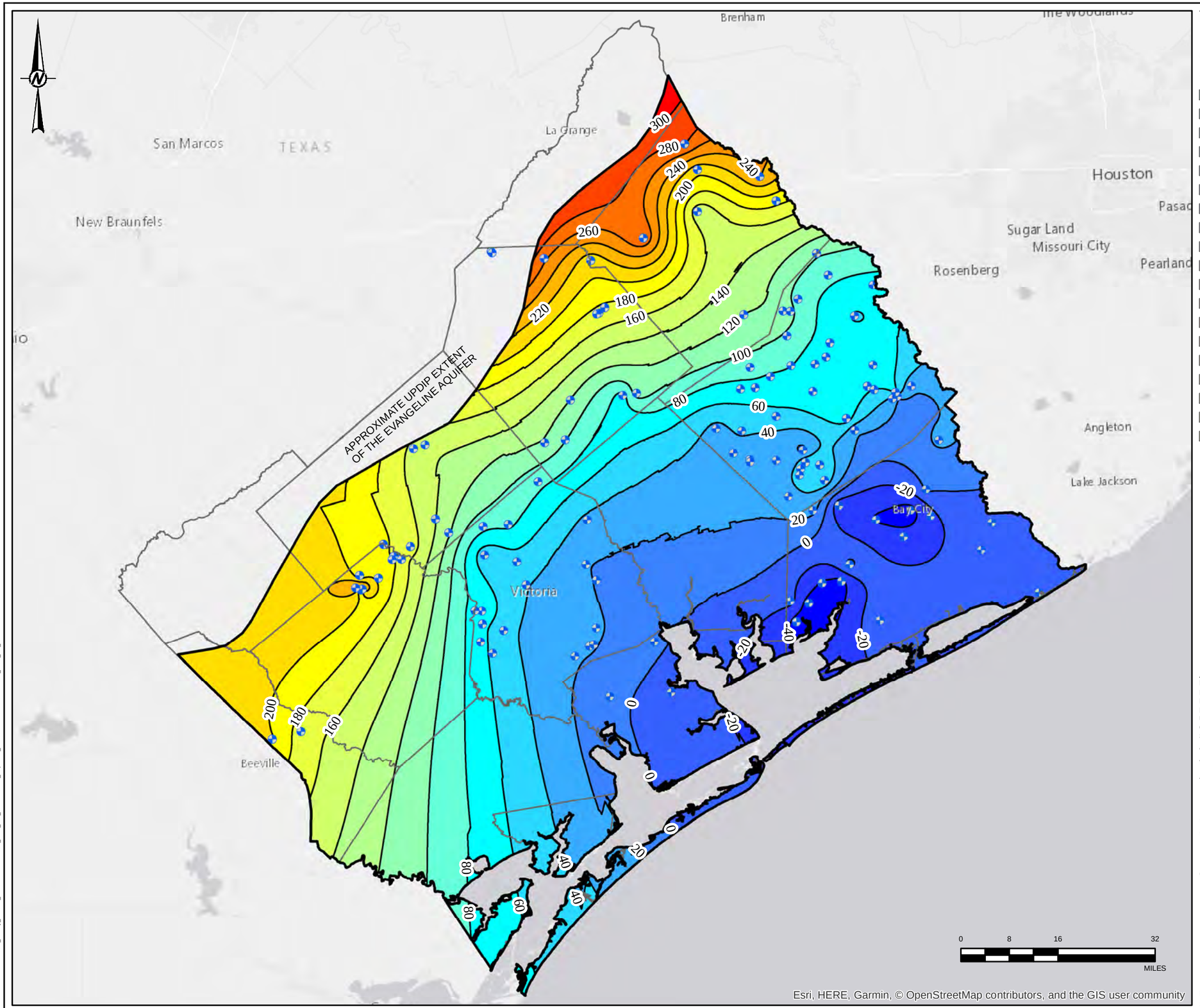
GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A003	0	**1C**

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_AssessmentA_Report\02_PRODUCTION\MXD\19118447_A003_CE_GMA15.mxd

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B



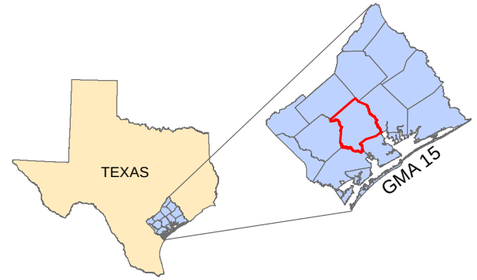
EXPLANATION

- MONITORING WELL

GW ELEVATION (FT AMSL)

CONTOUR INTERVAL: 20'

- 301 - 320
- 281 - 300
- 261 - 280
- 241 - 260
- 221 - 240
- 201 - 220
- 181 - 200
- 161 - 180
- 141 - 160
- 121 - 140
- 101 - 120
- 81 - 100
- 61 - 80
- 41 - 60
- 21 - 40
- 1 - 20
- -19 - 0
- -39 - -20
- -55 - -40



MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AND EVANGELINE AQUIFERS
GROUNDWATER MANAGEMENT AREA 15

GROUNDWATER POTENTIOMETRIC SURFACE (2015)

GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A003	0	**1D**

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_AssessmentA_Report\02_PRODUCTION\MXD\19118447_A003_CE_GMA15.mxd

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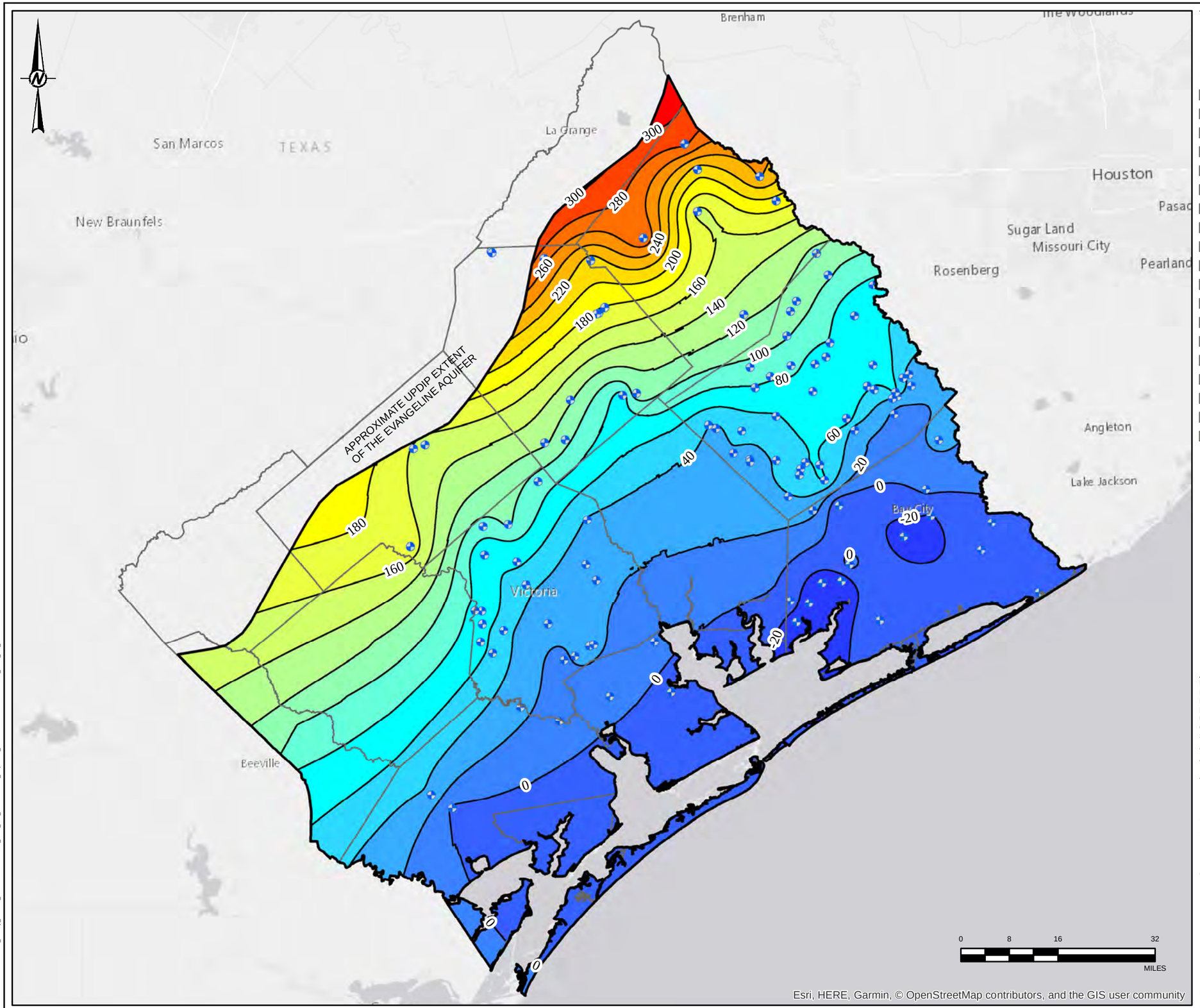


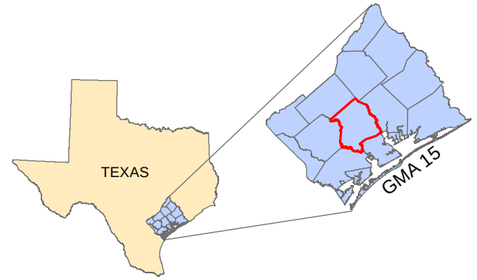
EXPLANATION

- MONITORING WELL

GW ELEVATION (FT AMSL)

CONTOUR INTERVAL: 20'

- 301 - 320
- 281 - 300
- 261 - 280
- 241 - 260
- 221 - 240
- 201 - 220
- 181 - 200
- 161 - 180
- 141 - 160
- 121 - 140
- 101 - 120
- 81 - 100
- 61 - 80
- 41 - 60
- 21 - 40
- 1 - 20
- -19 - 0
- -39 - -20
- -55 - -40



MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AND EVANGELINE AQUIFERS
GROUNDWATER MANAGEMENT AREA 15

GROUNDWATER POTENTIOMETRIC SURFACE (2017)

GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A003	0	**1E**

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_AssessmentA_Report\02_PRODUCTION\MXD\19118447_A003_CE_GMA15.mxd

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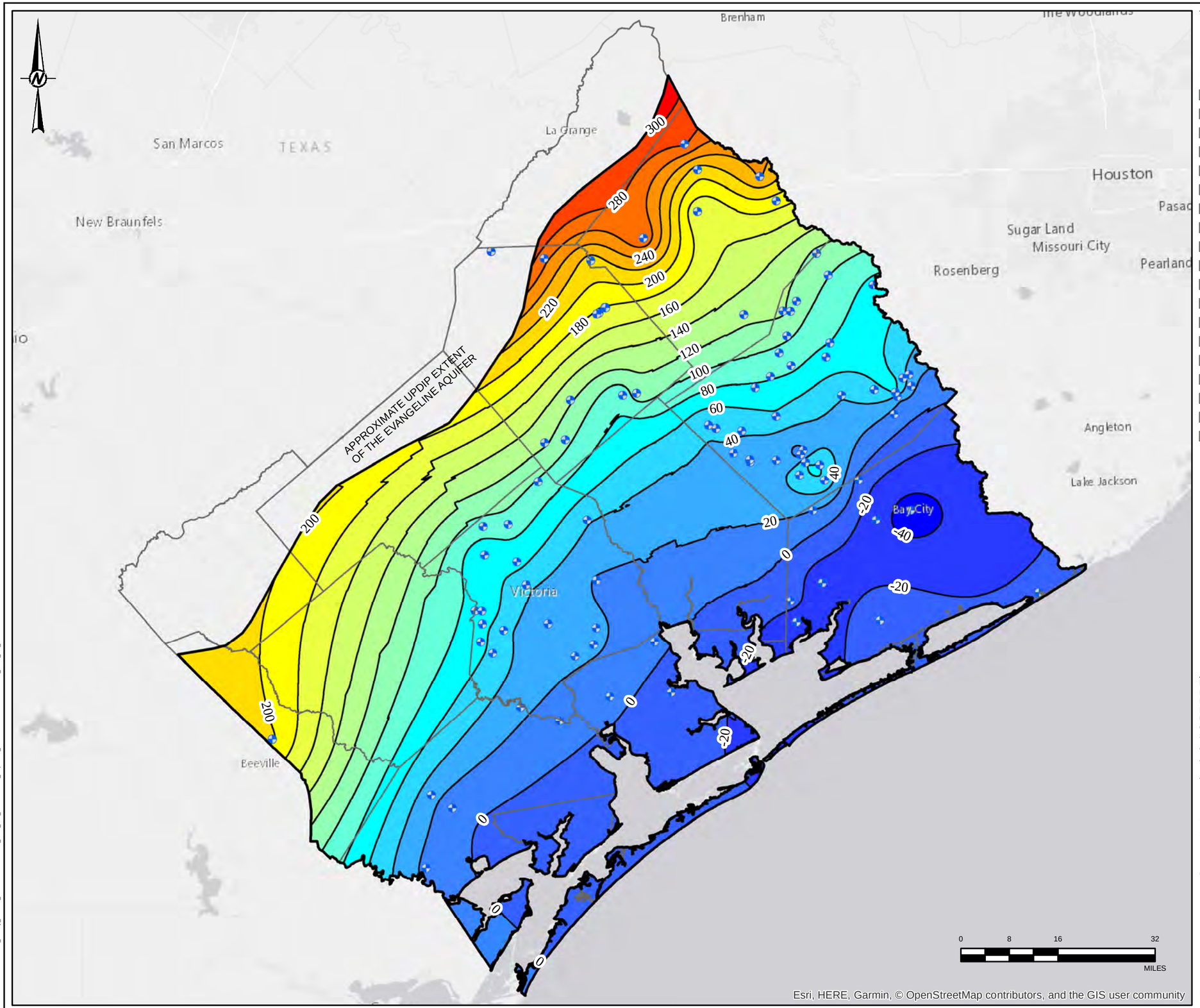


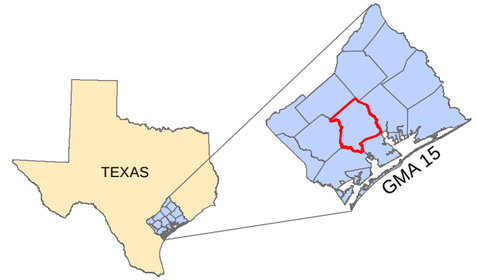
EXPLANATION

- MONITORING WELL

GW ELEVATION (FT AMSL)

CONTOUR INTERVAL: 20'

- 301 - 320
- 281 - 300
- 261 - 280
- 241 - 260
- 221 - 240
- 201 - 220
- 181 - 200
- 161 - 180
- 141 - 160
- 121 - 140
- 101 - 120
- 81 - 100
- 61 - 80
- 41 - 60
- 21 - 40
- 1 - 20
- -19 - 0
- -39 - -20
- -55 - -40



MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AND EVANGELINE AQUIFERS
GROUNDWATER MANAGEMENT AREA 15

GROUNDWATER POTENTIOMETRIC SURFACE (2018)

GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A003	0	**1F**

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_AssessmentA_Report\02_PRODUCTION\MXD\19118447_A003_CE_GMA15.mxd

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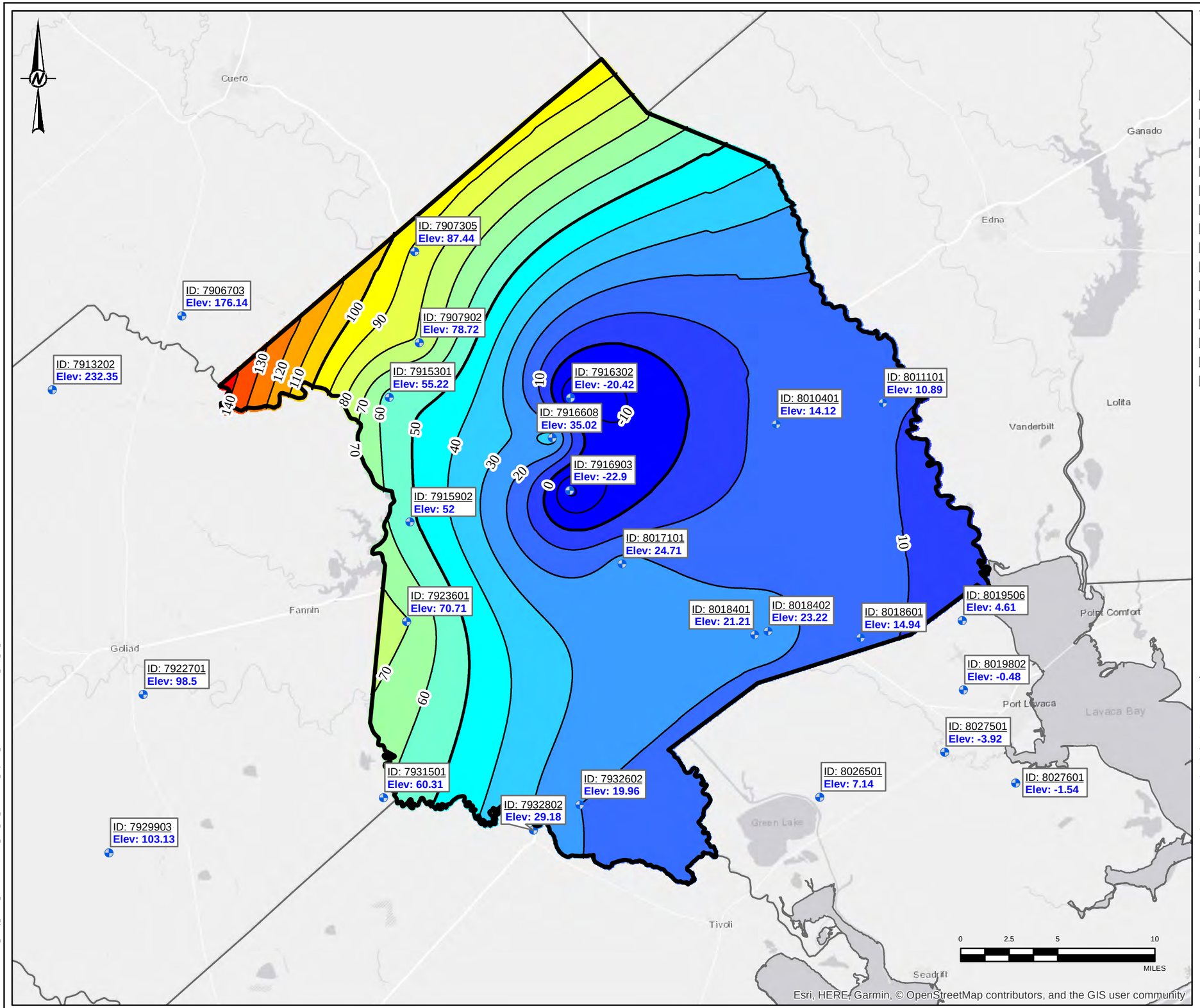


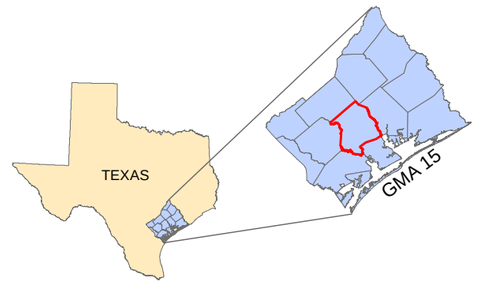
EXPLANATION

- MONITORING WELL

GW ELEVATION (FT AMSL)

CONTOUR INTERVAL: 10'

- 141 - 150
- 131 - 140
- 121 - 130
- 111 - 120
- 101 - 110
- 91 - 100
- 81 - 90
- 71 - 80
- 61 - 70
- 51 - 60
- 41 - 50
- 31 - 40
- 21 - 30
- 11 - 20
- 1 - 10
- -23 - 0



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PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AND EVANGELINE AQUIFERS
VICTORIA COUNTY

GROUNDWATER POTENTIOMETRIC SURFACE (2000)

GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A004	0	**2A**

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_Assessment\A_Report\02_PRODUCTION\MXD\19118447_A004_CE_VC.mxd

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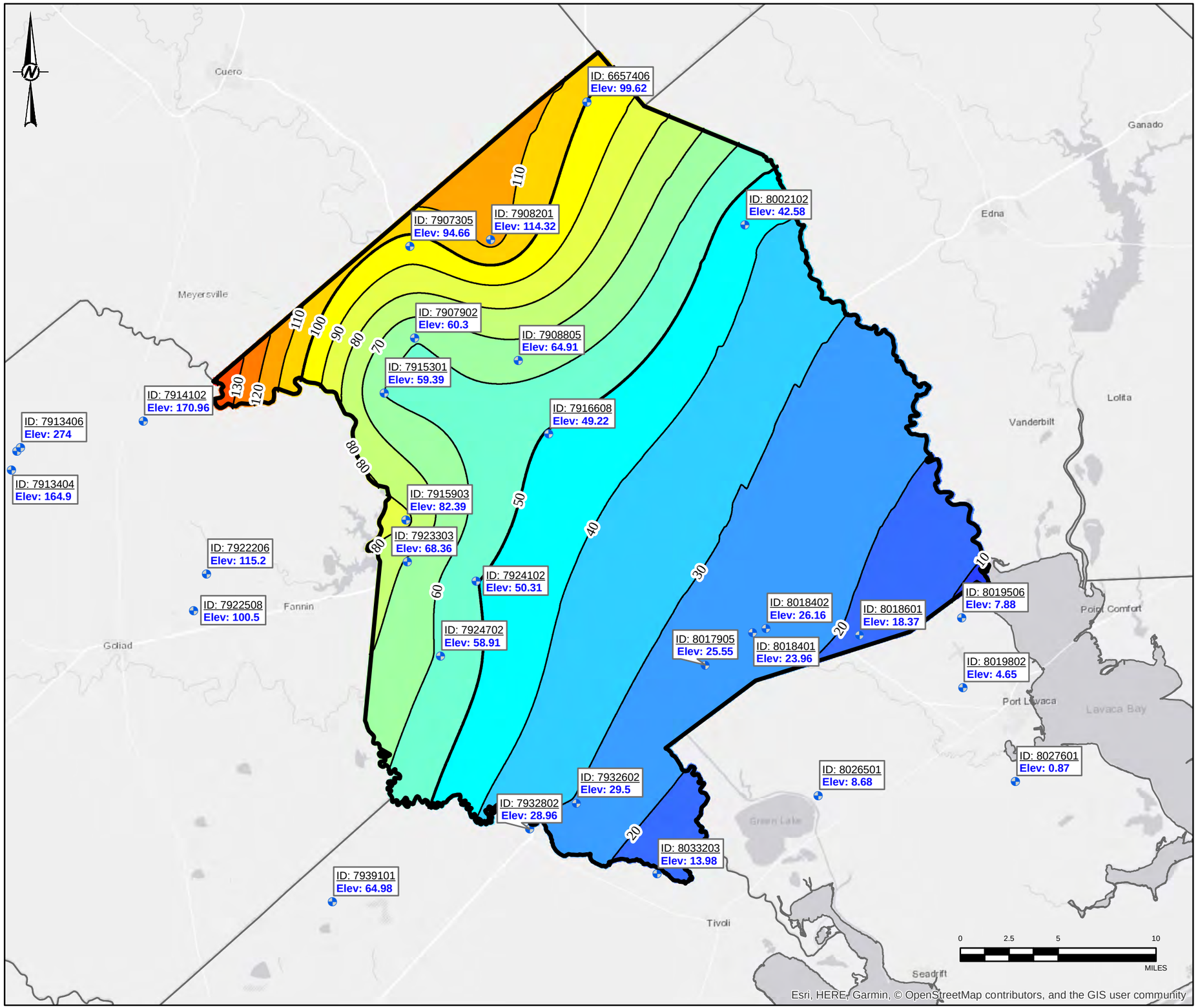


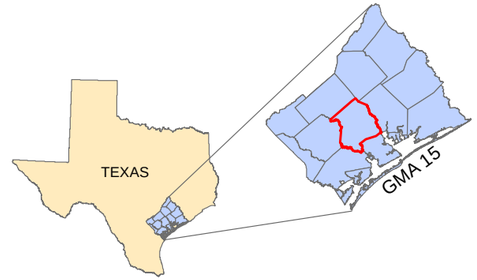
EXPLANATION

- MONITORING WELL

GW ELEVATION (FT AMSL)

CONTOUR INTERVAL: 10'

- 141 - 150
- 131 - 140
- 121 - 130
- 111 - 120
- 101 - 110
- 91 - 100
- 81 - 90
- 71 - 80
- 61 - 70
- 51 - 60
- 41 - 50
- 31 - 40
- 21 - 30
- 11 - 20
- 1 - 10
- -23 - 0



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PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AND EVANGELINE AQUIFERS
VICTORIA COUNTY

GROUNDWATER POTENTIOMETRIC SURFACE (2005)

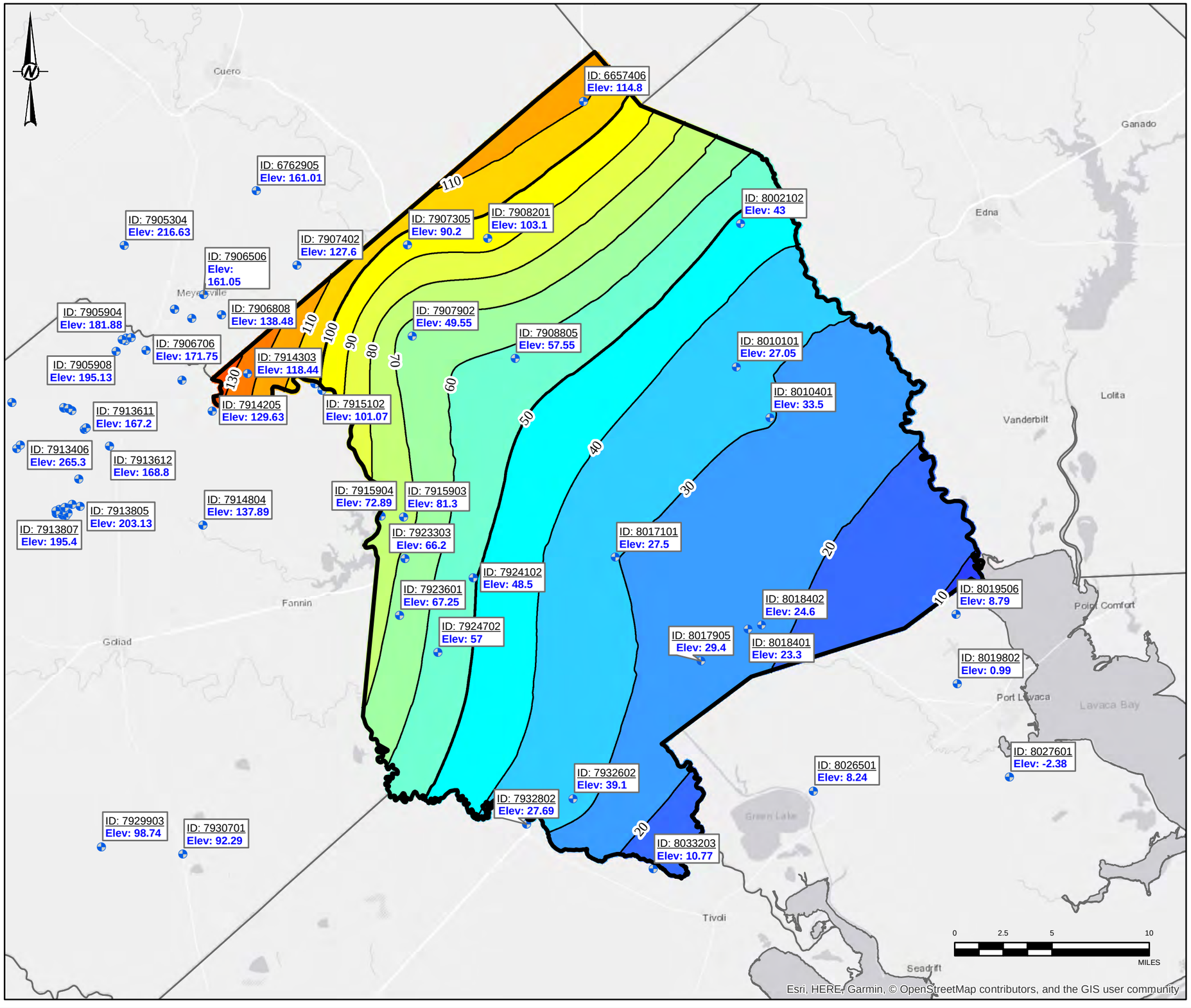
GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A004	0	**2B**

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_AssessmentA_Report\02_PRODUCTION\MXD\19118447_A004_CE_VC.mxd



EXPLANATION

- MONITORING WELL

GW ELEVATION (FT AMSL)

CONTOUR INTERVAL: 10'

- 141 - 150
- 131 - 140
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- 101 - 110
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- 61 - 70
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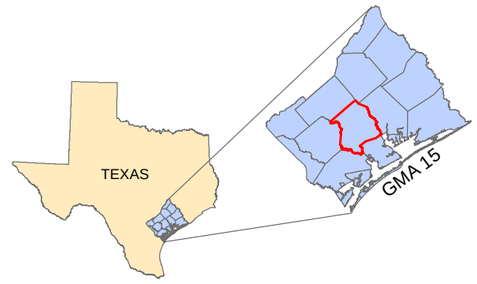
- 41 - 50
- 31 - 40
- 21 - 30
- 11 - 20
- 1 - 10
- -23 - 0



MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AND EVANGELINE AQUIFERS
VICTORIA COUNTY

GROUNDWATER POTENTIOMETRIC SURFACE (2010)

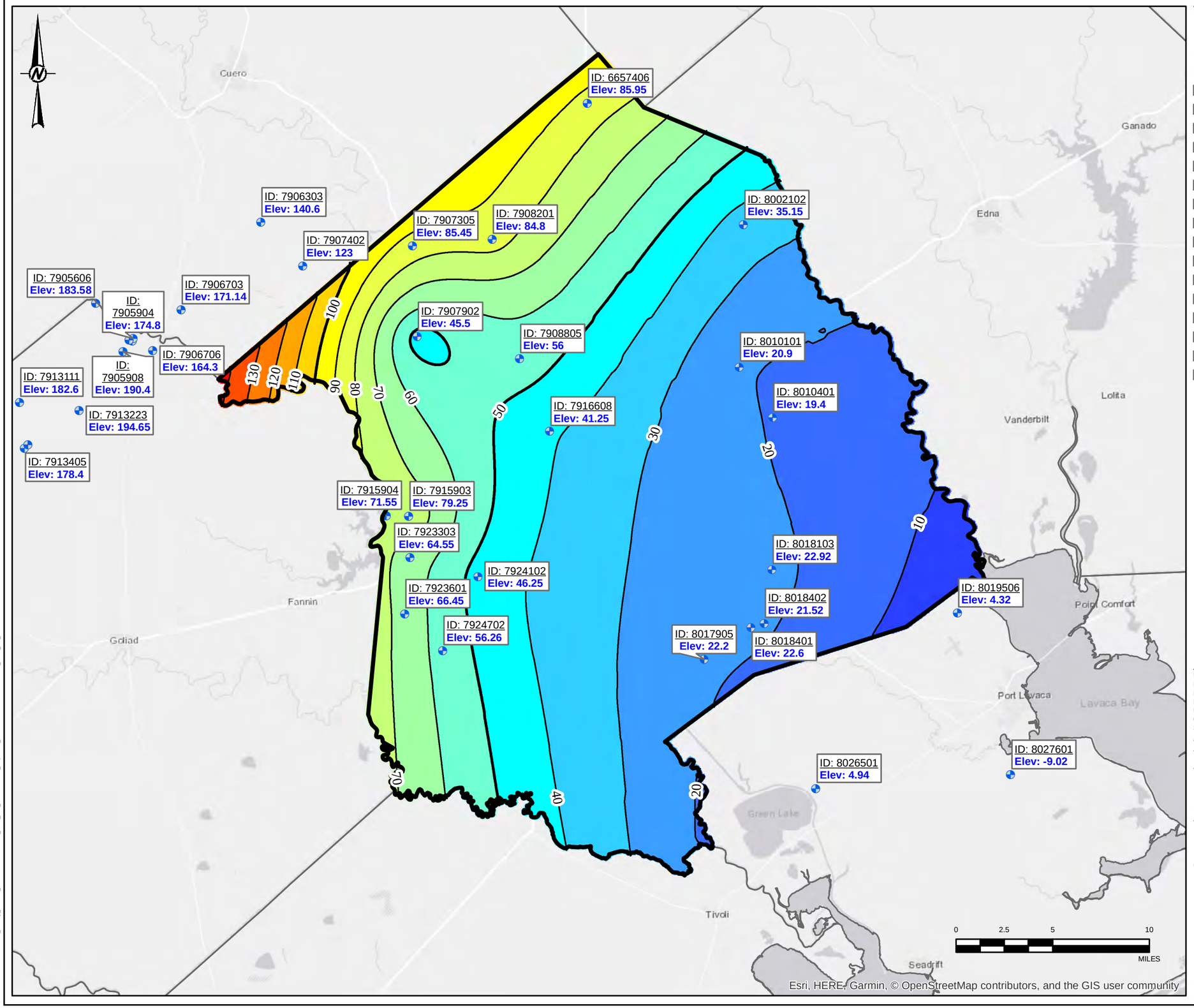
GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A004	0	2C

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_Assessment\A_Report\02_PRODUCTION\MXD\19118447_A004_CE_VC.mxd

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B



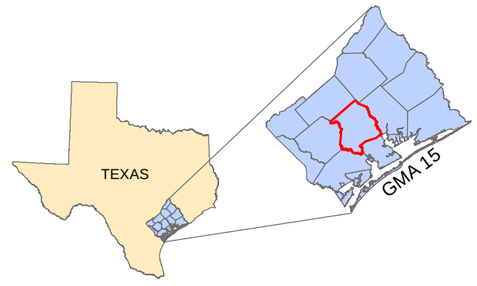
EXPLANATION

- MONITORING WELL

GW ELEVATION (FT AMSL)

CONTOUR INTERVAL: 10'

- 141 - 150
- 131 - 140
- 121 - 130
- 111 - 120
- 101 - 110
- 91 - 100
- 81 - 90
- 71 - 80
- 61 - 70
- 51 - 60
- 41 - 50
- 31 - 40
- 21 - 30
- 11 - 20
- 1 - 10
- -23 - 0



MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AND EVANGELINE AQUIFERS
VICTORIA COUNTY

GROUNDWATER POTENTIOMETRIC SURFACE (2015)

GOLDER

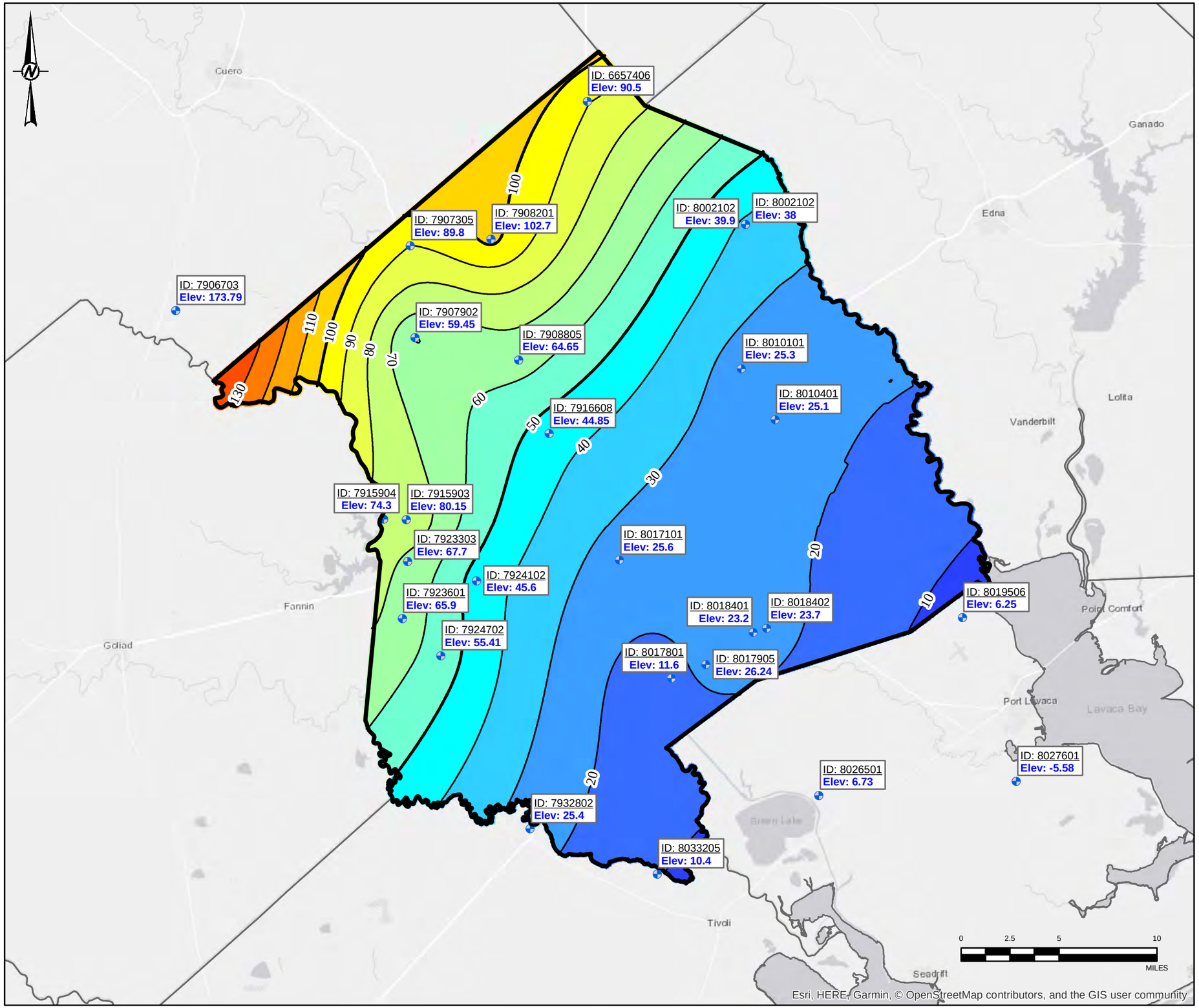
YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A004	0	**2D**

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

1 in

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_Assessment\A_Report\02_PRODUCTION\MXD\19118447_A004_CE_VC.mxd



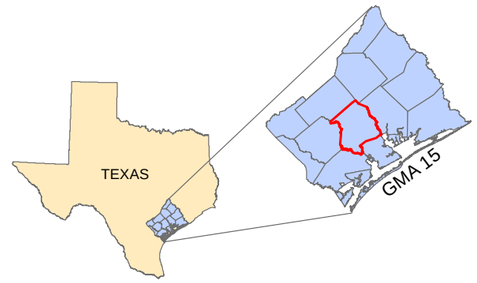
EXPLANATION

- MONITORING WELL

GW ELEVATION (FT AMSL)

CONTOUR INTERVAL: 10'

- 141 - 150
- 131 - 140
- 121 - 130
- 111 - 120
- 101 - 110
- 91 - 100
- 81 - 90
- 71 - 80
- 61 - 70
- 51 - 60
- 41 - 50
- 31 - 40
- 21 - 30
- 11 - 20
- 1 - 10
- -23 - 0



MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AND EVANGELINE AQUIFERS
VICTORIA COUNTY

GROUNDWATER POTENTIOMETRIC SURFACE (2017)

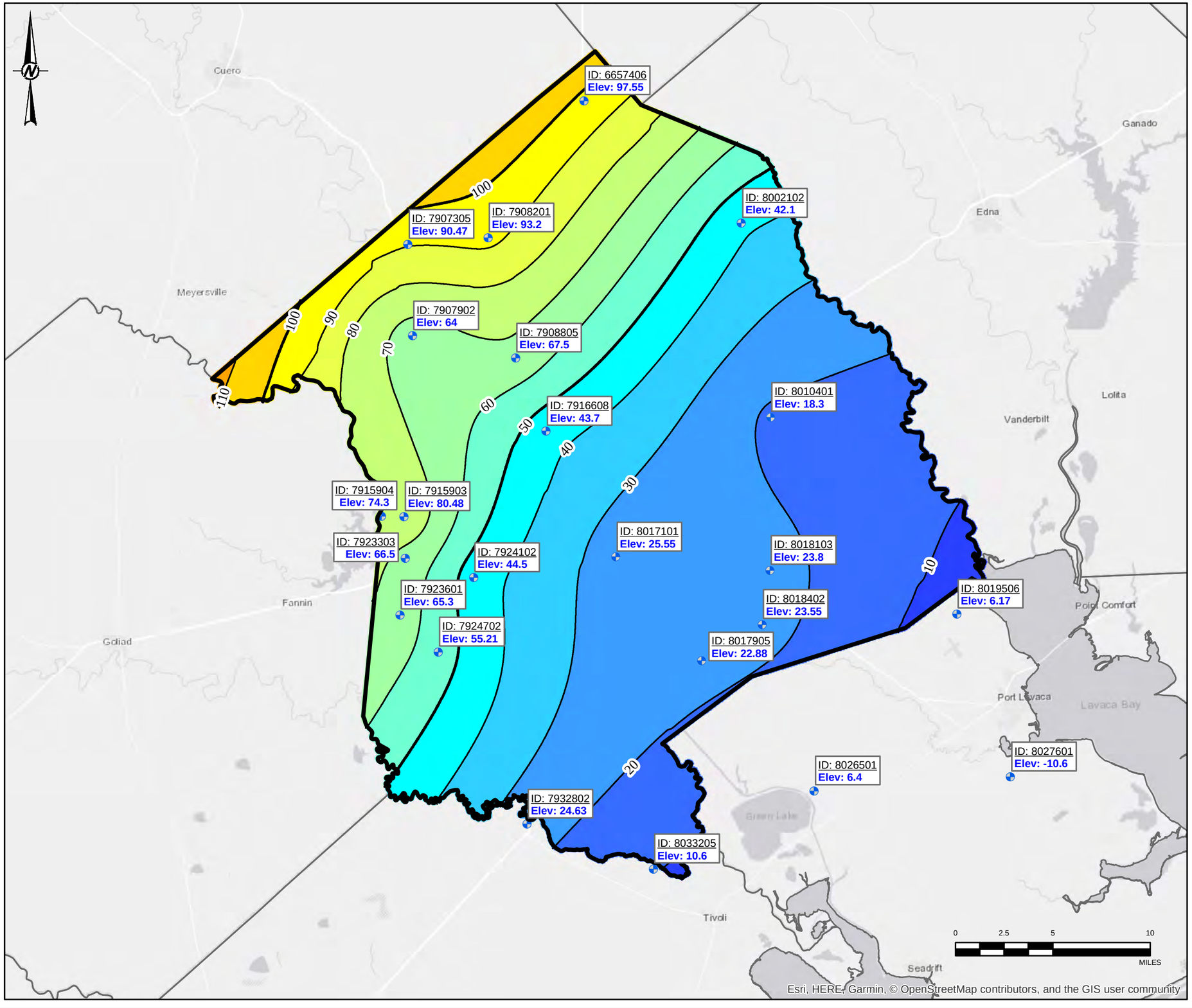
GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A004	0	2E

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_Assessment\A_Report\02_PRODUCTION\MXD\19118447_A004_CE_VC.mxd

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B



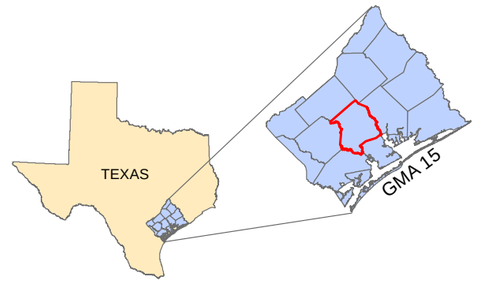
EXPLANATION

- MONITORING WELL

GW ELEVATION (FT AMSL)

CONTOUR INTERVAL: 10'

- 141 - 150
- 131 - 140
- 121 - 130
- 111 - 120
- 101 - 110
- 91 - 100
- 81 - 90
- 71 - 80
- 61 - 70
- 51 - 60
- 41 - 50
- 31 - 40
- 21 - 30
- 11 - 20
- 1 - 10
- -23 - 0



MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AND EVANGELINE AQUIFERS
VICTORIA COUNTY

GROUNDWATER POTENTIOMETRIC SURFACE (2018)

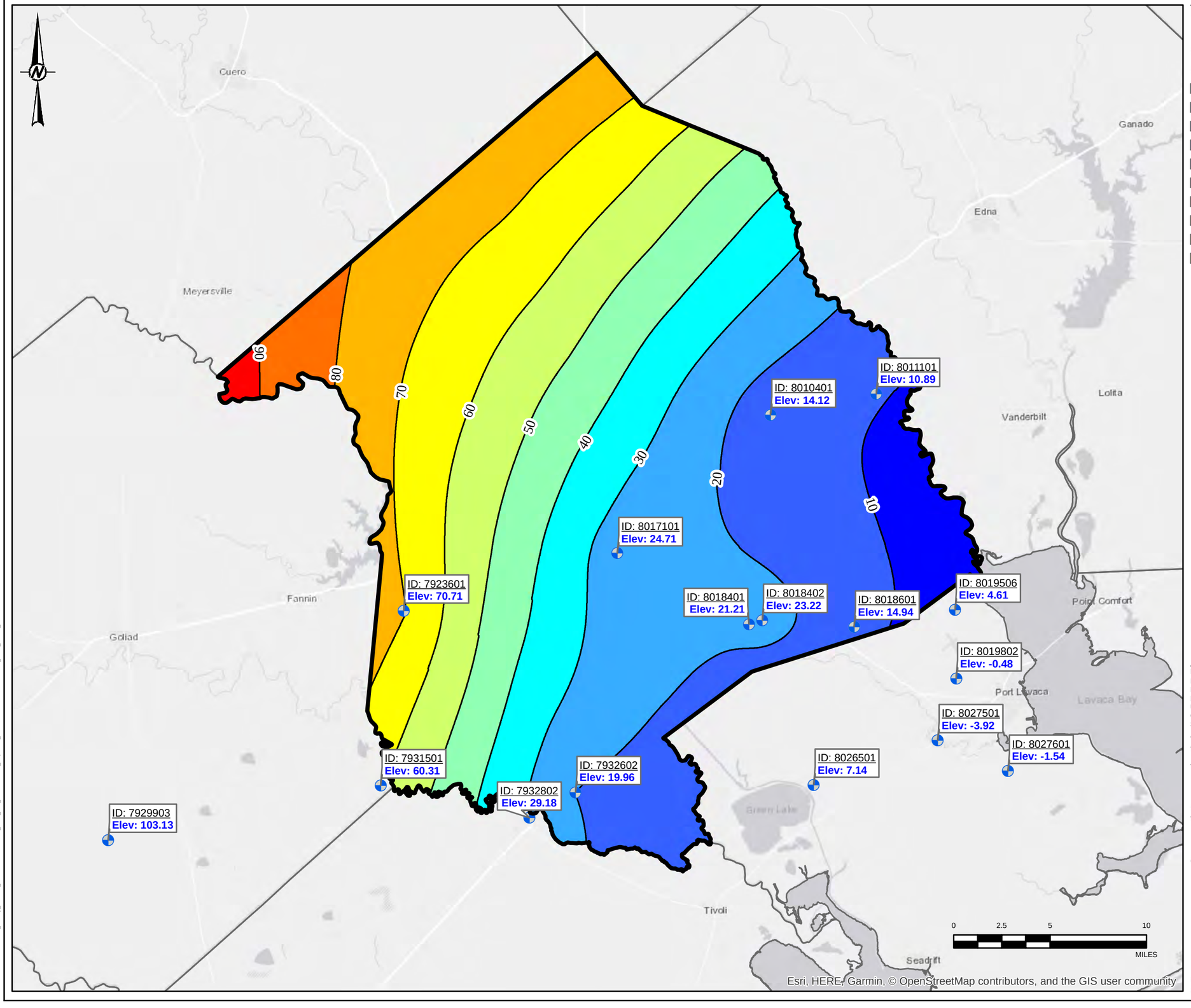
GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A004	0	**2F**

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_Assessment\A_Report\02_PRODUCT\MXD\19118447_A004_CE_VC.mxd

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B



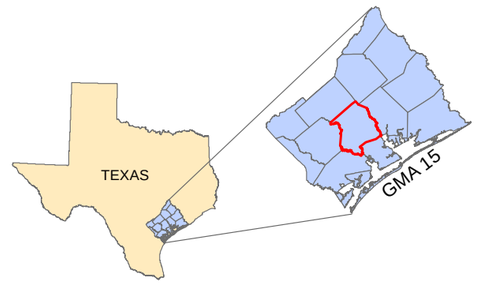
EXPLANATION

MONITORING WELL

GW ELEVATION (FT AMSL)

CONTOUR INTERVAL: 10'

- 91 - 100
- 81 - 90
- 71 - 80
- 61 - 70
- 51 - 60
- 41 - 50
- 31 - 40
- 21 - 30
- 11 - 20
- 1 - 10



MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AQUIFER
VICTORIA COUNTY

GROUNDWATER POTENTIOMETRIC SURFACE (2000)

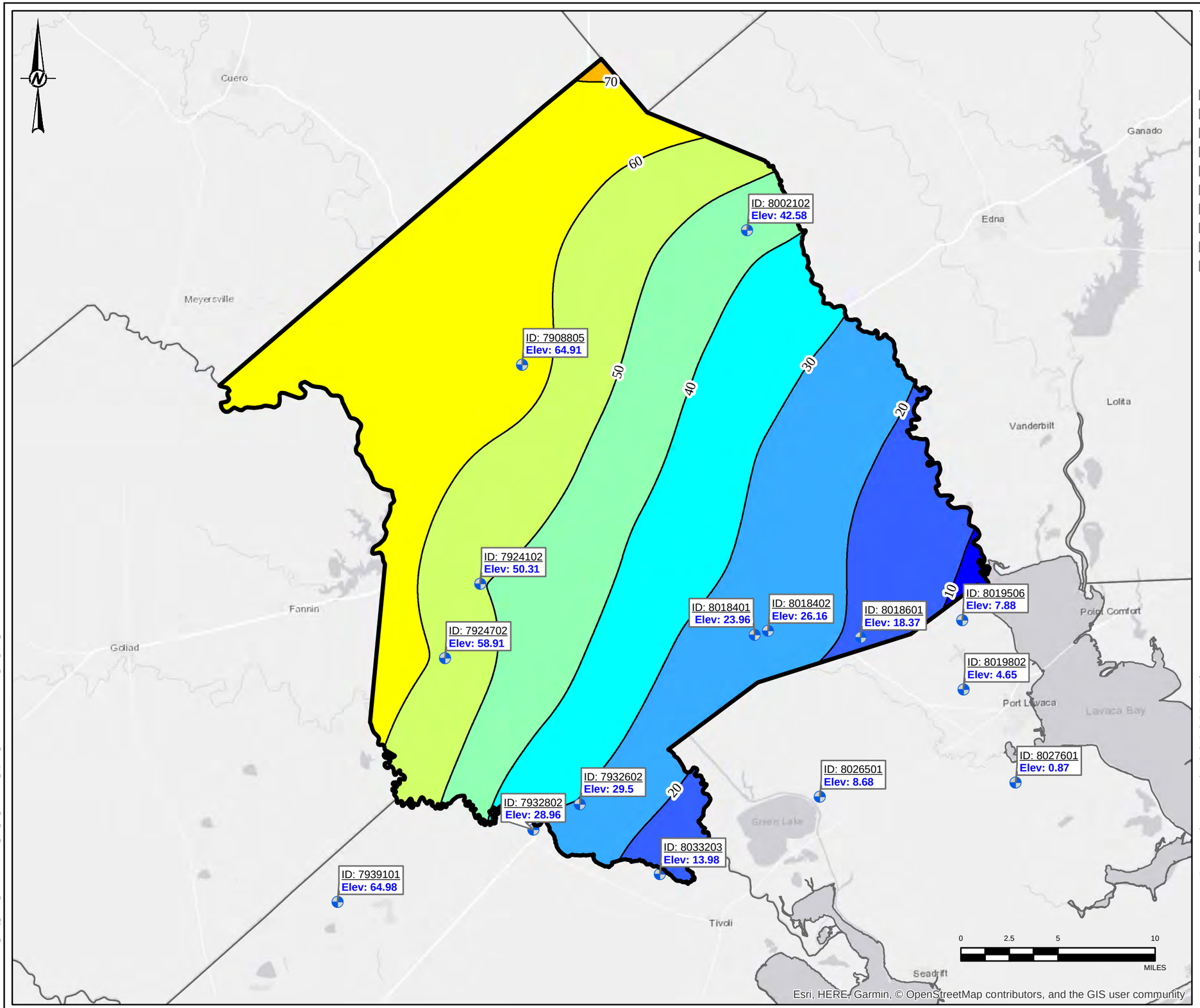
GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A005	0	3A

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_Assessment\A_Report\02_PRODUCTION\MXD\19118447_A005_Chicot_VC.mxd

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B



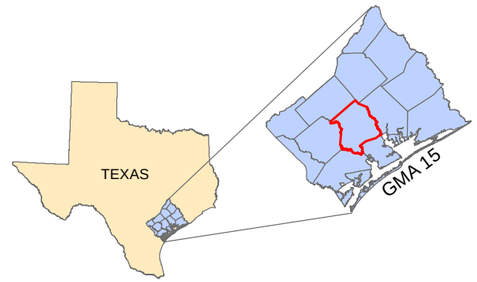
EXPLANATION

- MONITORING WELL

GW ELEVATION (FT AMSL)

CONTOUR INTERVAL: 10'

- 91 - 100
- 81 - 90
- 71 - 80
- 61 - 70
- 51 - 60
- 41 - 50
- 31 - 40
- 21 - 30
- 11 - 20
- 1 - 10



MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AQUIFER
VICTORIA COUNTY

GROUNDWATER POTENTIOMETRIC SURFACE (2005)

GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A005	0	**3B**

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_Assessment\A_Report\02_PRODUCTION\MXD\19118447_A005_Chicot_VC.mxd

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

1 in
0

Cuero
Ganado
Edna
Meyersville
Lolita
Vanderbilt
Fannin
Goliad
Point Comfort
Port Lavaca
Lavaca Bay
Green Lake
Tivoli
Seadrift

50
40
70
60
30
20
20

ID: 8002102
Elev: 43

ID: 7908805
Elev: 57.55

ID: 8010101
Elev: 27.05

ID: 8010401
Elev: 33.5

ID: 8017101
Elev: 27.5

ID: 7924102
Elev: 48.5

ID: 7923601
Elev: 67.25

ID: 7924702
Elev: 57

ID: 8018401
Elev: 23.3

ID: 8018402
Elev: 24.6

ID: 8019506
Elev: 8.79

ID: 8019802
Elev: 0.99

ID: 8027601
Elev: -2.38

ID: 8026501
Elev: 8.24

ID: 7932602
Elev: 39.1

ID: 7932802
Elev: 27.69

ID: 7929903
Elev: 98.74

ID: 7930701
Elev: 92.29

ID: 8033203
Elev: 10.77

0 2.5 5 10
MILES

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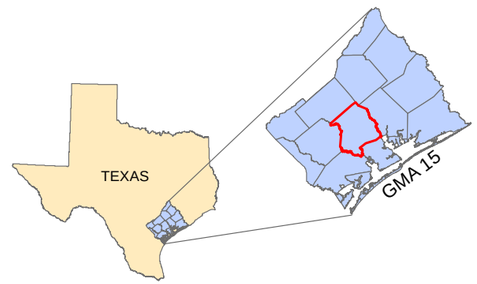
EXPLANATION

MONITORING WELL

GW ELEVATION (FT AMSL)

CONTOUR INTERVAL: 10'

- 91 - 100
- 81 - 90
- 71 - 80
- 61 - 70
- 51 - 60
- 41 - 50
- 31 - 40
- 21 - 30
- 11 - 20
- 1 - 10



MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AQUIFER
VICTORIA COUNTY

GROUNDWATER POTENTIOMETRIC SURFACE (2010)

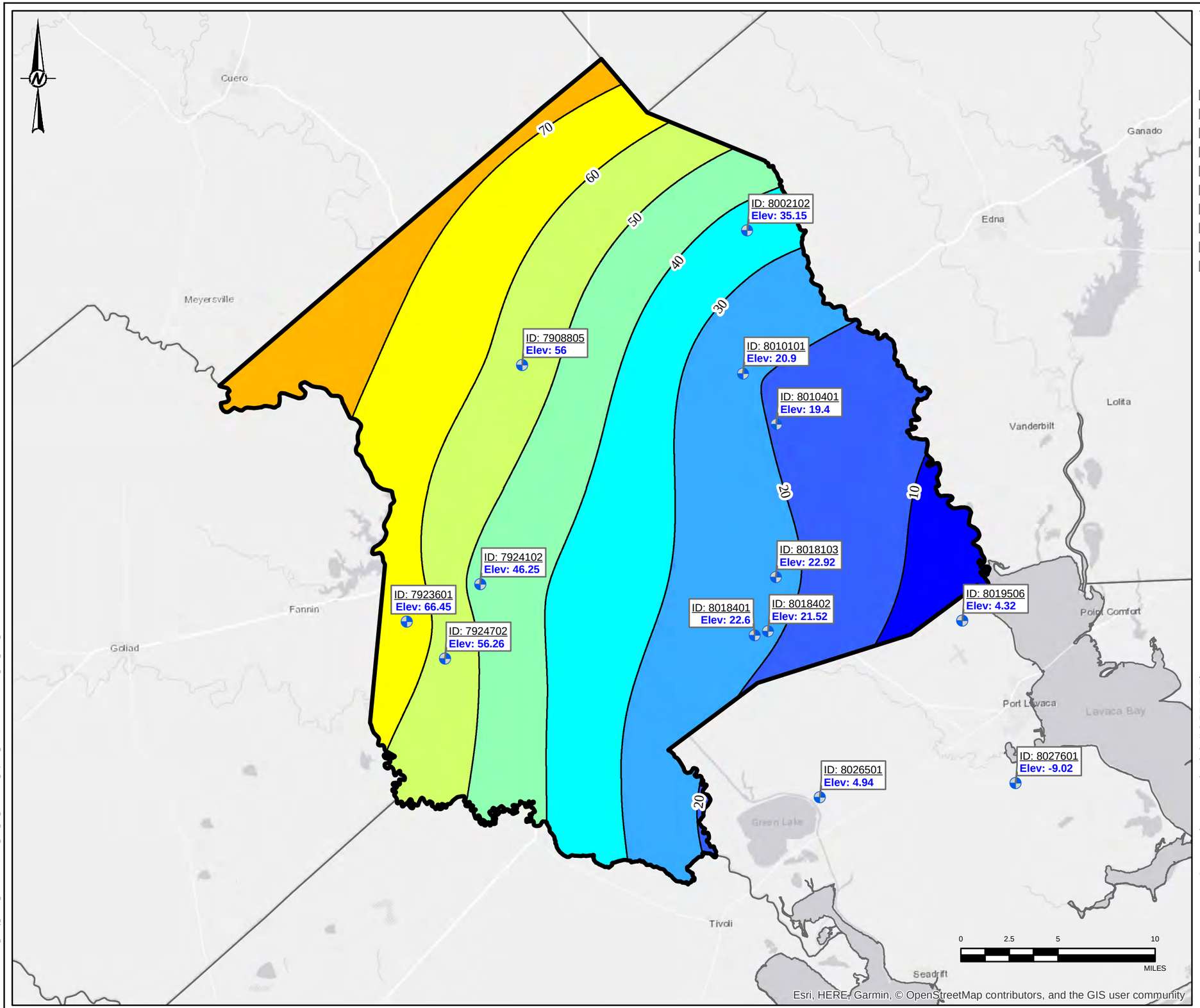
GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A005	0	3C

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_AssessmentA_Report\02_PRODUCTION\MXD\19118447_A005_Chicot_VC.mxd

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B



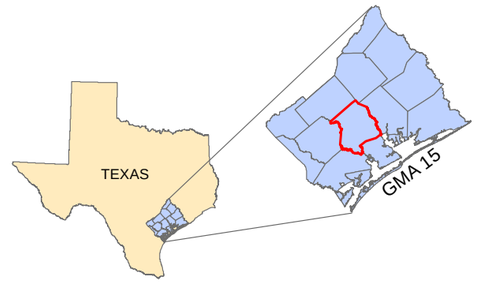
EXPLANATION

MONITORING WELL

GW ELEVATION (FT AMSL)

CONTOUR INTERVAL: 10'

- 91 - 100
- 81 - 90
- 71 - 80
- 61 - 70
- 51 - 60
- 41 - 50
- 31 - 40
- 21 - 30
- 11 - 20
- 1 - 10



MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AQUIFER
VICTORIA COUNTY

GROUNDWATER POTENTIOMETRIC SURFACE (2015)

GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A005	0	**3D**

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_Assessment\A_Report\02_PRODUCTION\MXD\19118447_A005_Chicot_VC.mxd

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

Cuero
Ganado
Edna
Meyersville
Lolita
Vanderbilt
Fannin
Goliad
Point Comfort
Port Lavaca
Lavaca Bay
Green Lake
Tivoli
Seadrift

80
70
60
50
40
30
20
10

ID: 8002102
Elev: 39.9

ID: 8002102
Elev: 38

ID: 7908805
Elev: 64.65

ID: 8010101
Elev: 25.3

ID: 8010401
Elev: 25.1

ID: 8017101
Elev: 25.6

ID: 7924102
Elev: 45.6

ID: 7923601
Elev: 65.9

ID: 7924702
Elev: 55.41

ID: 8018401
Elev: 23.2

ID: 8018402
Elev: 23.7

ID: 8017801
Elev: 11.6

ID: 8019506
Elev: 6.25

ID: 8027601
Elev: -5.58

ID: 8026501
Elev: 6.73

ID: 7932802
Elev: 25.4

ID: 8033205
Elev: 10.4

0 2.5 5 10
MILES

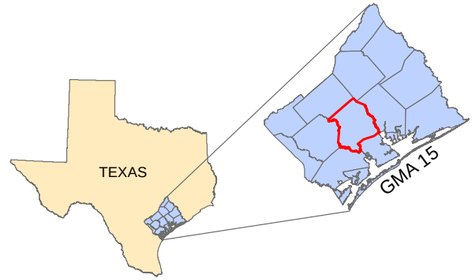
EXPLANATION

MONITORING WELL

GW ELEVATION (FT AMSL)

CONTOUR INTERVAL: 10'

- 91 - 100
- 81 - 90
- 71 - 80
- 61 - 70
- 51 - 60
- 41 - 50
- 31 - 40
- 21 - 30
- 11 - 20
- 1 - 10



MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AQUIFER
VICTORIA COUNTY

GROUNDWATER POTENTIOMETRIC SURFACE (2017)

GOLDER

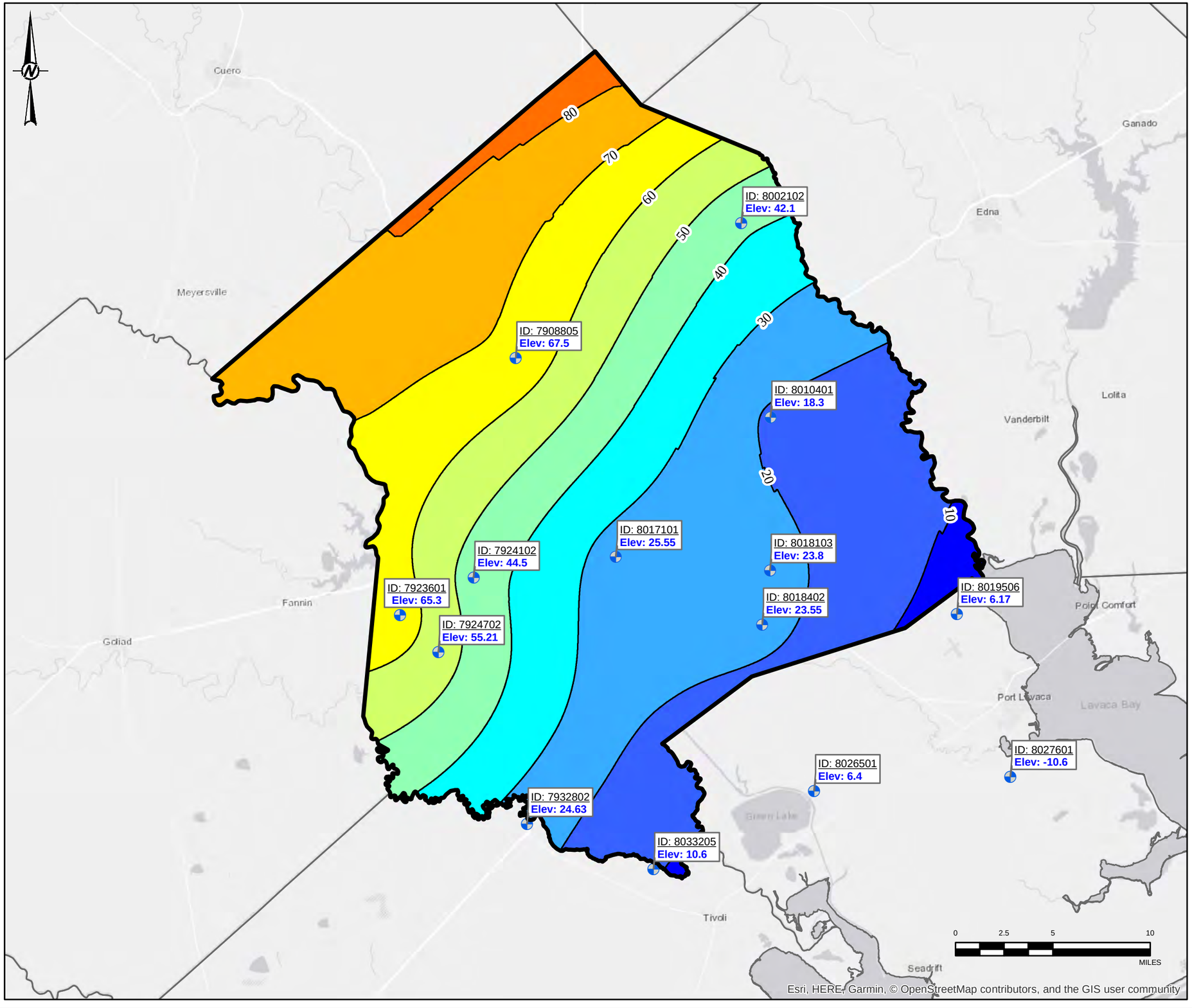
YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A005	0	3E

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_Assessment\A_Report\02_PRODUCTION\MXD\19118447_A005_Chicot_VC.mxd

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

1 in
0



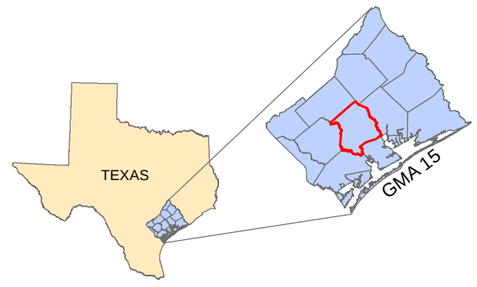
EXPLANATION

- MONITORING WELL

GW ELEVATION (FT AMSL)

CONTOUR INTERVAL: 10'

- 91 - 100
- 81 - 90
- 71 - 80
- 61 - 70
- 51 - 60
- 41 - 50
- 31 - 40
- 21 - 30
- 11 - 20
- 1 - 10



MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORT AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AQUIFER
VICTORIA COUNTY

GROUNDWATER POTENTIOMETRIC SURFACE (2018)

GOLDER

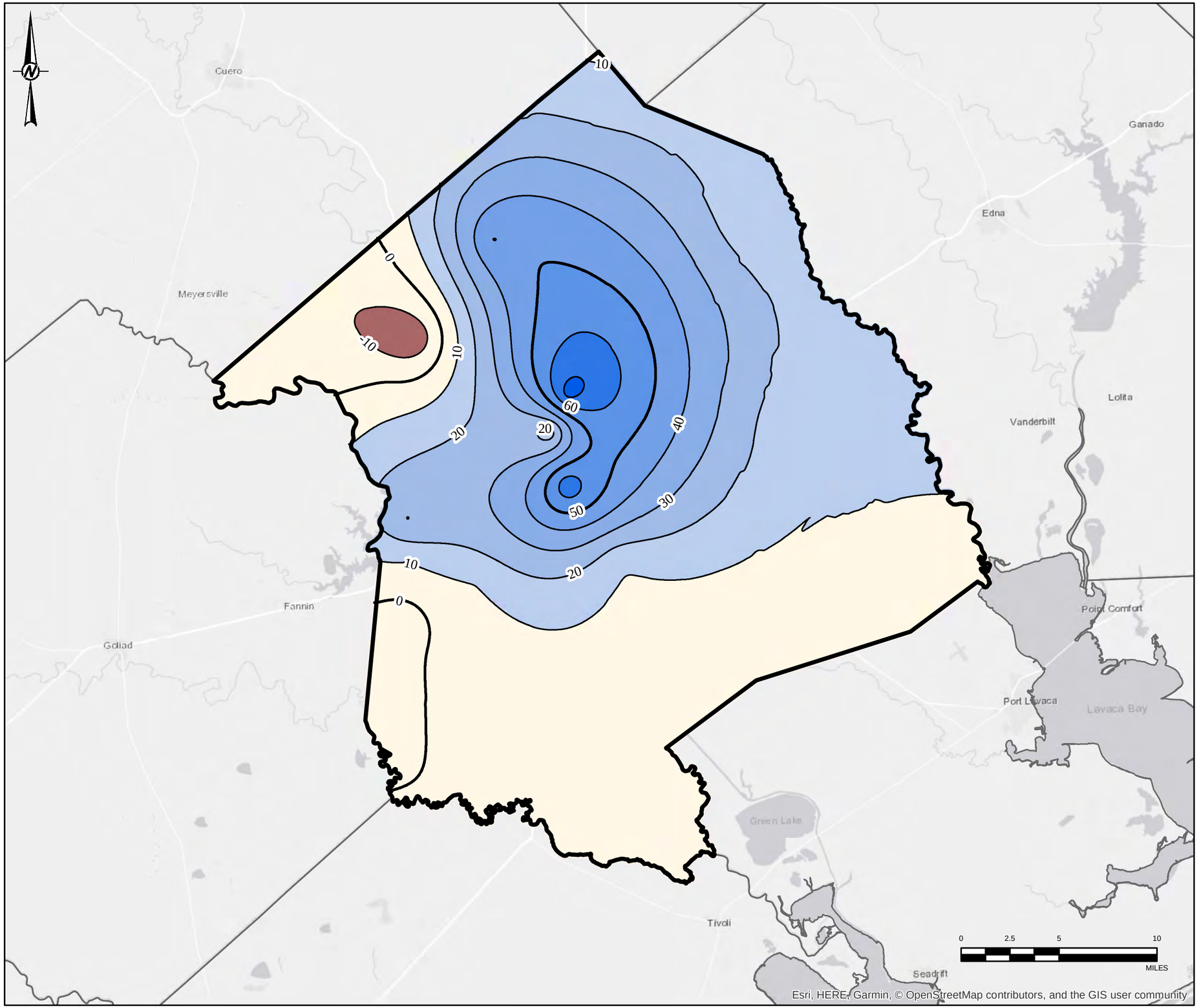
YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A005	0	**3F**

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_Assessment\A_Report\02_PRODUCT\NMXD\19118447_A005_Chicot_VC.mxd

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

0 1in

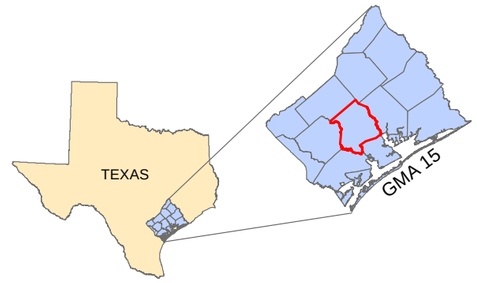


EXPLANATION

GW ELEVATION CHANGE (FT)

CONTOUR INTERVAL: 10'

- +70.1 - +80
- +60.1 - +70
- +50.1 - +60
- +40.1 - +50
- +30.1 - +40
- +20.1 - +30
- +10.1 - +20
- +0.1 - +10
- -9.9 - 0
- -19.9 - -10
- -32.6 - -20



SURFACE STATISTICS
MEAN: +17.5'
MIN: -17.7'
MAX: +73.5'
STD DEV: +16.7'

MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AND EVANGELINE AQUIFERS
VICTORIA COUNTY

GROUNDWATER ELEVATION CHANGE (2000 to 2005)

GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A006	0	**4A**

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_Assessment\A_Report\02_PRODUCTION\MXD\19118447_A006_CE_VC_GWElevChanges10ft.mxd

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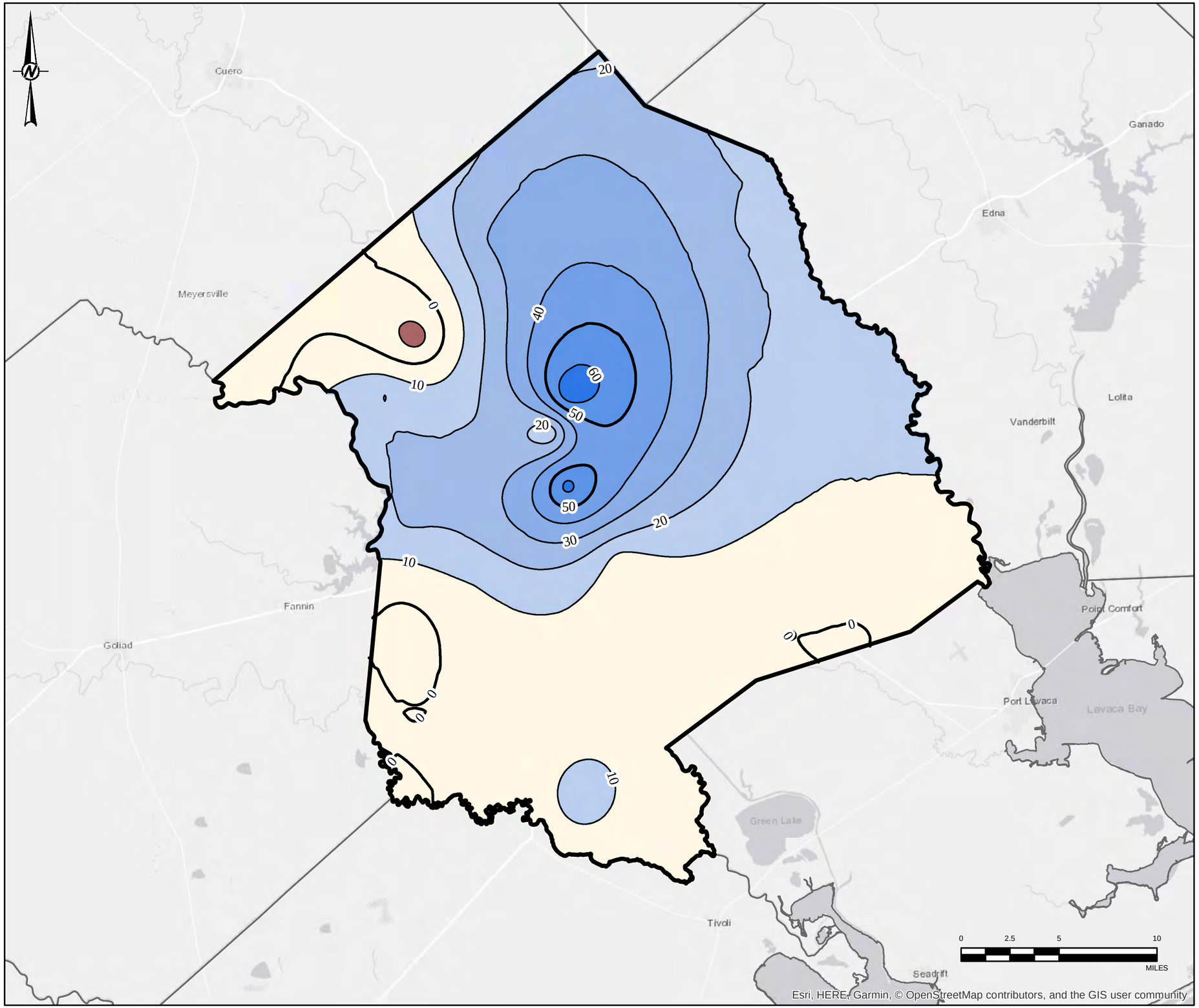
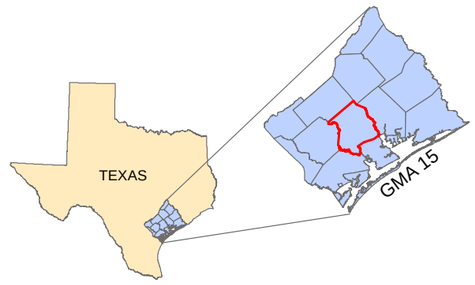


EXPLANATION

GW ELEVATION CHANGE (FT)

CONTOUR INTERVAL: 10'

- +70.1 - +80
- +60.1 - +70
- +50.1 - +60
- +40.1 - +50
- +30.1 - +40
- +20.1 - +30
- +10.1 - +20
- +0.1 - +10
- -9.9 - 0
- -19.9 - -10
- -32.6 - -20



SURFACE STATISTICS
MEAN: +16.4'
MIN: -14.6'
MAX: +67.9'
STD DEV: +14.3'

MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AND EVANGELINE AQUIFERS
VICTORIA COUNTY

GROUNDWATER ELEVATION CHANGE (2000 to 2010)

GOLDER

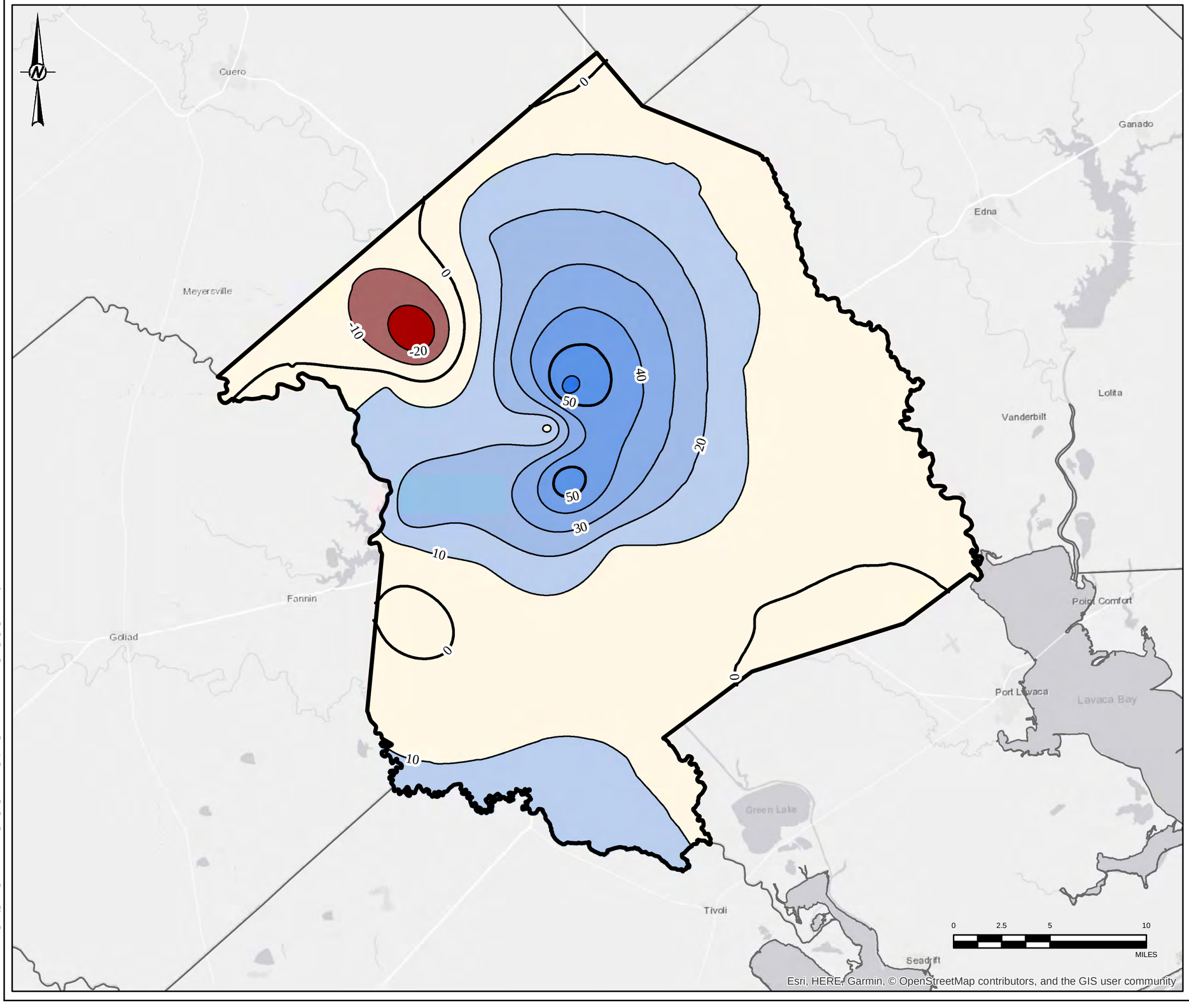
YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A006	0	**4B**

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_Assessment\A_Report\02_PRODUCTION\MXD\19118447_A006_CE_VC_GWElevChanges10ft.mxd

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

0 1in

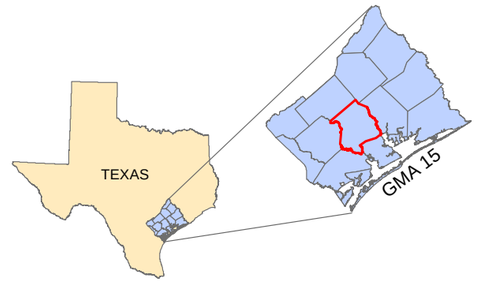


EXPLANATION

GW ELEVATION CHANGE (FT)

CONTOUR INTERVAL: 10'

- +70.1 - +80
- +60.1 - +70
- +50.1 - +60
- +40.1 - +50
- +30.1 - +40
- +20.1 - +30
- +10.1 - +20
- +0.1 - +10
- -9.9 - 0
- -19.9 - -10
- -32.6 - -20



SURFACE STATISTICS
MEAN: +11.1'
MIN: -31.8'
MAX: +63.5'
STD DEV: +12.9'

MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AND EVANGELINE AQUIFERS
VICTORIA COUNTY

GROUNDWATER ELEVATION CHANGE (2000 to 2015)

GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A006	0	4C

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECT\S\19118447_2018_GW_Assessment\A_Report\02_PRODUCTION\MXD\19118447_A006_CE_VC_GWElevChanges10ft.mxd

Cuero
Ganado
Edna
Meyersville
Lolita
Vanderbilt
Fannin
Goliad
Point Comfort
Port Lavaca
Lavaca Bay
Green Lake
Tivoli
Seadrift

10
0
40
60
10
50
20
50
30
20
10
0
0
0

0 2.5 5 10
MILES

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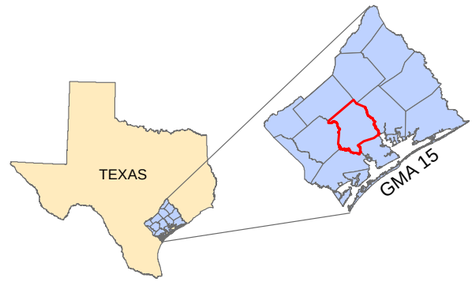
EXPLANATION

GW ELEVATION CHANGE (FT)

CONTOUR INTERVAL: 10'

- +70.1 - +80
- +60.1 - +70
- +50.1 - +60
- +40.1 - +50
- +30.1 - +40
- +20.1 - +30
- +10.1 - +20
- +0.1 - +10
- -9.9 - 0
- -19.9 - -10
- -32.6 - -20



SURFACE STATISTICS
MEAN: +12.4'
MIN: -18.1'
MAX: +69.4'
STD DEV: +15.7'

MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AND EVANGELINE AQUIFERS
VICTORIA COUNTY

GROUNDWATER ELEVATION CHANGE (2000 to 2017)

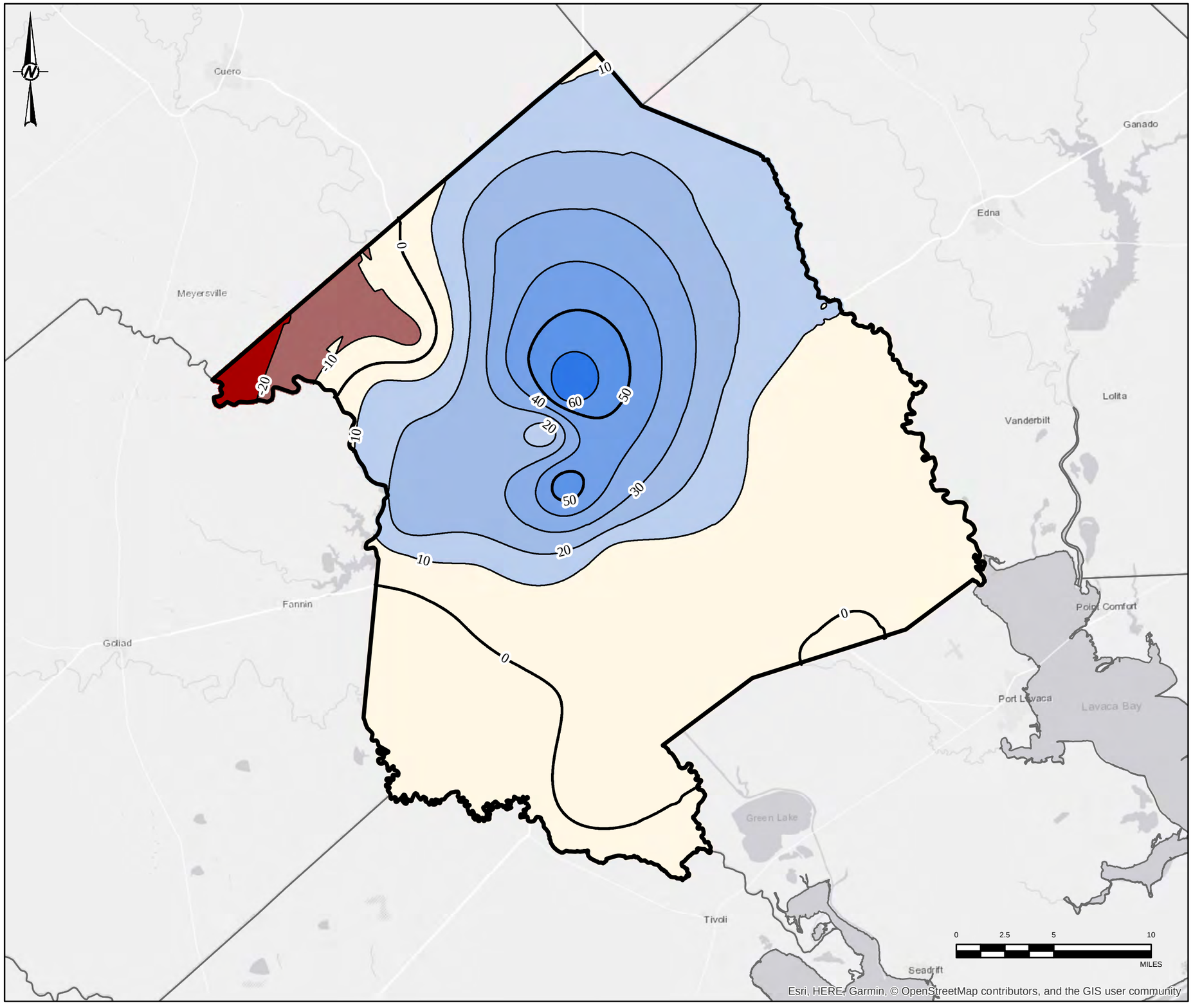
GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A006	0	**4D**

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_Assessment\A_Report\02_PRODUCTION\MXD\19118447_A006_CE_VC_GWElevnChanges10ft.mxd

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

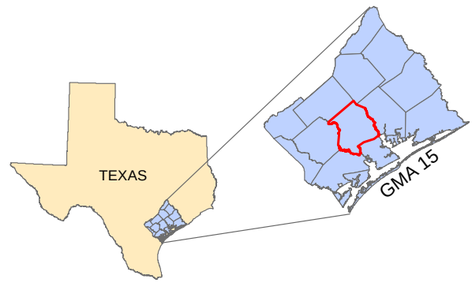


EXPLANATION

GW ELEVATION CHANGE (FT)

CONTOUR INTERVAL: 10'

- +70.1 - +80
- +60.1 - +70
- +50.1 - +60
- +40.1 - +50
- +30.1 - +40
- +20.1 - +30
- +10.1 - +20
- +0.1 - +10
- -9.9 - 0
- -19.9 - -10
- -32.6 - -20



SURFACE STATISTICS
MEAN: +12.2'
MIN: -33.2'
MAX: +69.6'
STD DEV: +16.2'

MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AND EVANGELINE AQUIFERS
VICTORIA COUNTY

GROUNDWATER ELEVATION CHANGE (2000 to 2018)

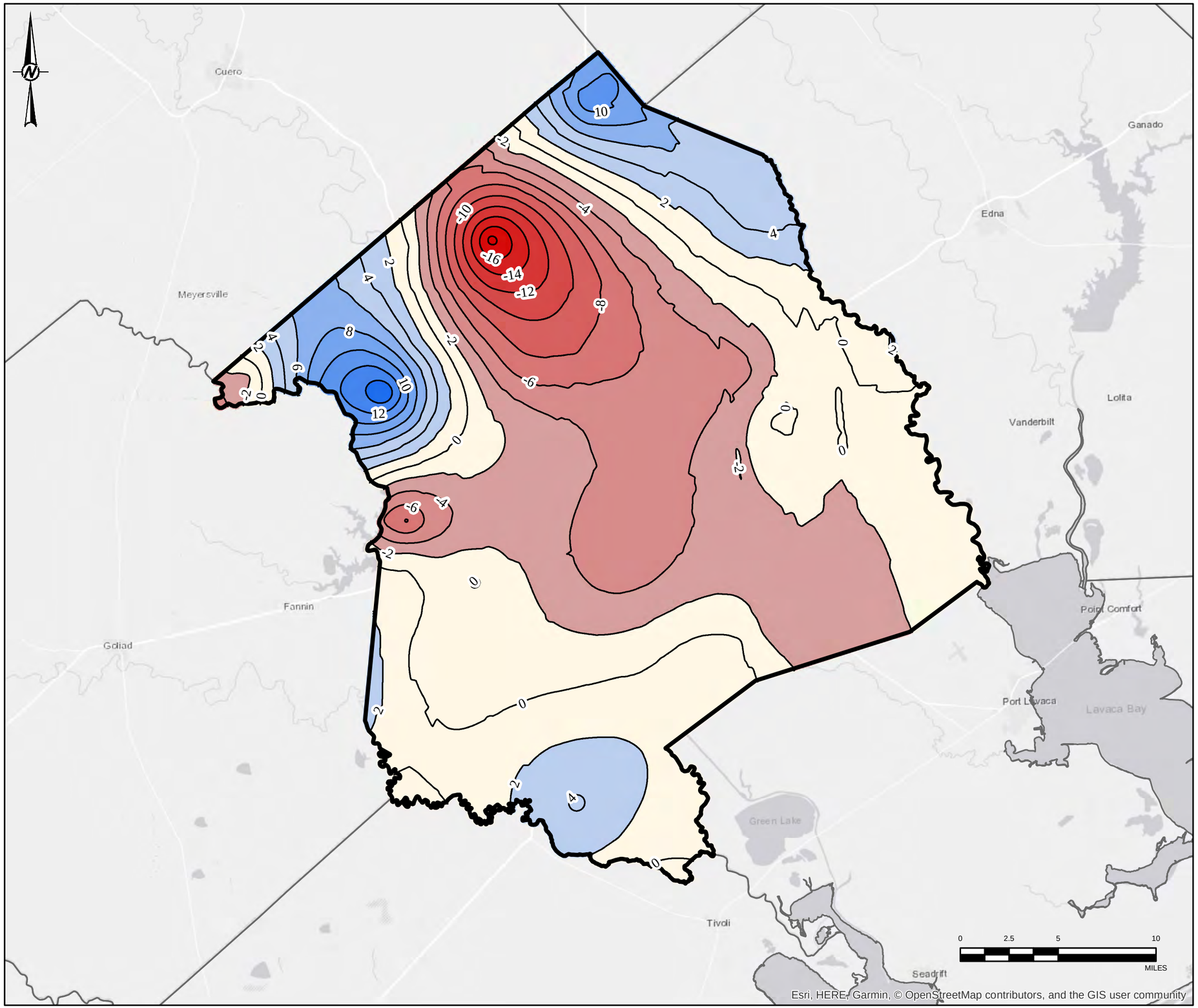
GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A006	0	**4E**

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_AssessmentA_Report\02_PRODUCTION\MXD\19118447_A006_CE_VC_GWElevChanges10ft.mxd

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

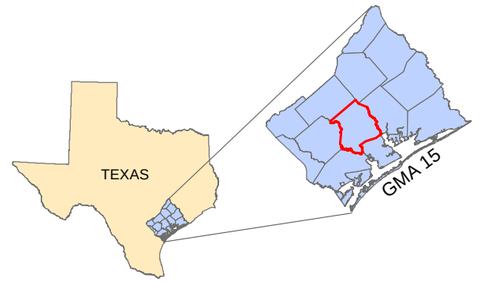


EXPLANATION

GW ELEVATION CHANGE (FT)

CONTOUR INTERVAL: 2'

- +18.1 - +20
- +16.1 - +18
- +14.1 - +16
- +12.1 - +14
- +10.1 - +12
- +8.1 - +10
- +6.1 - +8
- +4.1 - +6
- +2.1 - +4
- +0.1 - +2
- -1.9 - 0
- -3.9 - -2
- -5.9 - -4
- -7.9 - -6
- -9.9 - -8
- -11.9 - -10
- -13.9 - -12
- -15.9 - -14
- -17.9 - -16
- -19.9 - -18
- -21.9 - -20
- -23.9 - -22
- -29.2 - -24



SURFACE STATISTICS
MEAN: -1.1'
MIN:-18.5'
MAX:+15.7'
STD DEV:+4.4'

MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AND EVANGELINE AQUIFERS
VICTORIA COUNTY

GROUNDWATER ELEVATION CHANGE (2005 to 2010)

GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

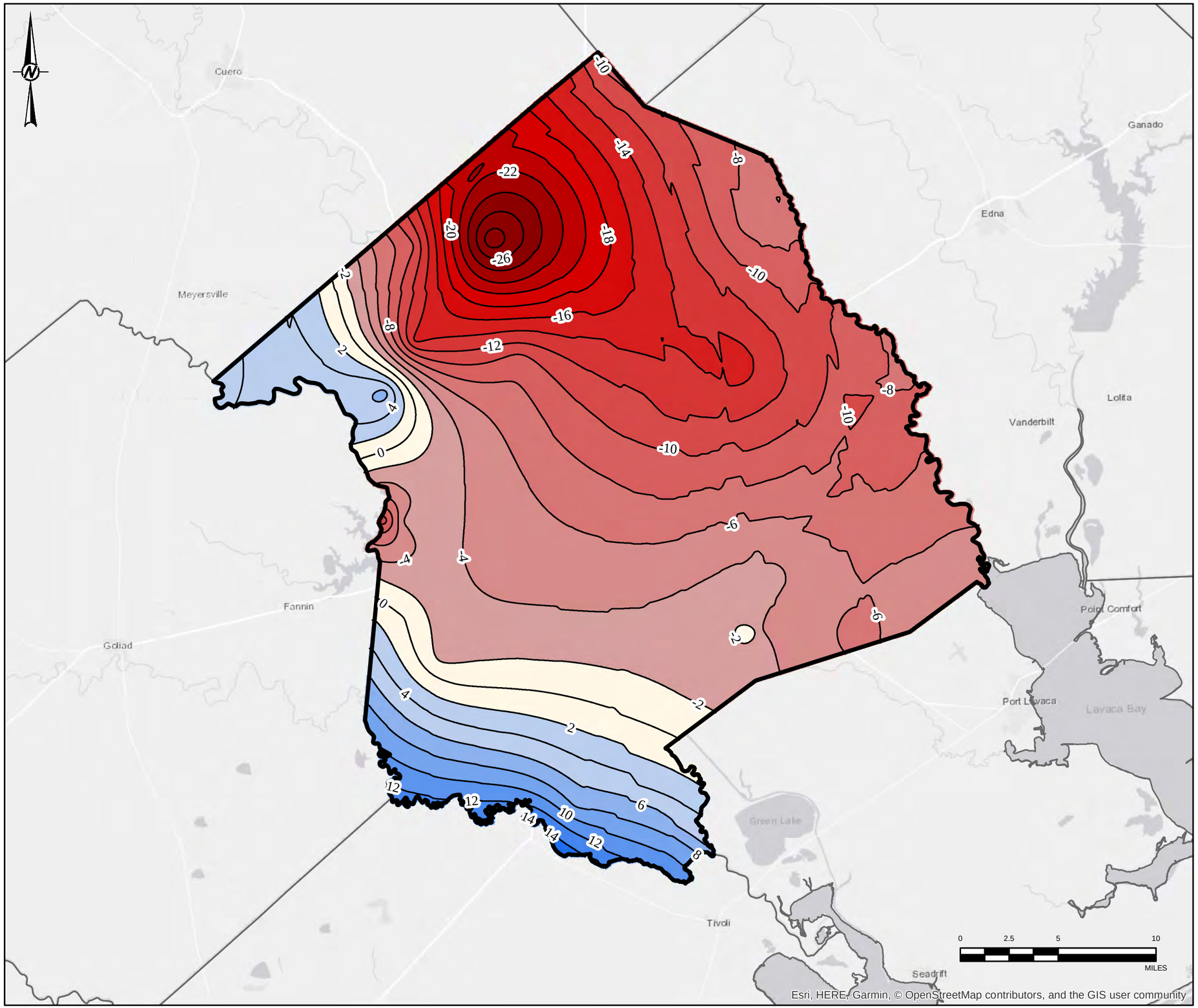
PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A007	0	**4F**

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

1 in

0

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_Assessment\A_Report\02_PRODUCTION\MXD\19118447_A007_CE_VC_GWElevChange2ft.mxd

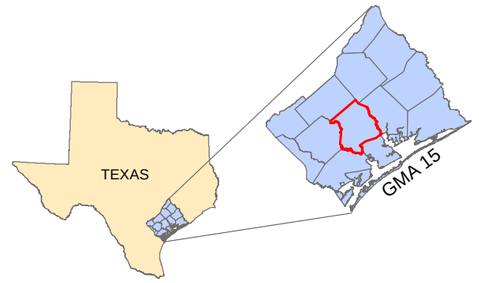


EXPLANATION

GW ELEVATION CHANGE (FT)

CONTOUR INTERVAL: 2'

- +18.1 - +20
- +16.1 - +18
- +14.1 - +16
- +12.1 - +14
- +10.1 - +12
- +8.1 - +10
- +6.1 - +8
- +4.1 - +6
- +2.1 - +4
- +0.1 - +2
- -1.9 - 0
- -3.9 - -2
- -5.9 - -4
- -7.9 - -6
- -9.9 - -8
- -11.9 - -10
- -13.9 - -12
- -15.9 - -14
- -17.9 - -16
- -19.9 - -18
- -21.9 - -20
- -23.9 - -22
- -29.2 - -24



SURFACE STATISTICS
MEAN: -6.4'
MIN:-29.2'
MAX:+15.4'
STD DEV:+7.7'

MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AND EVANGELINE AQUIFERS
VICTORIA COUNTY

GROUNDWATER ELEVATION CHANGE (2005 to 2015)

GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

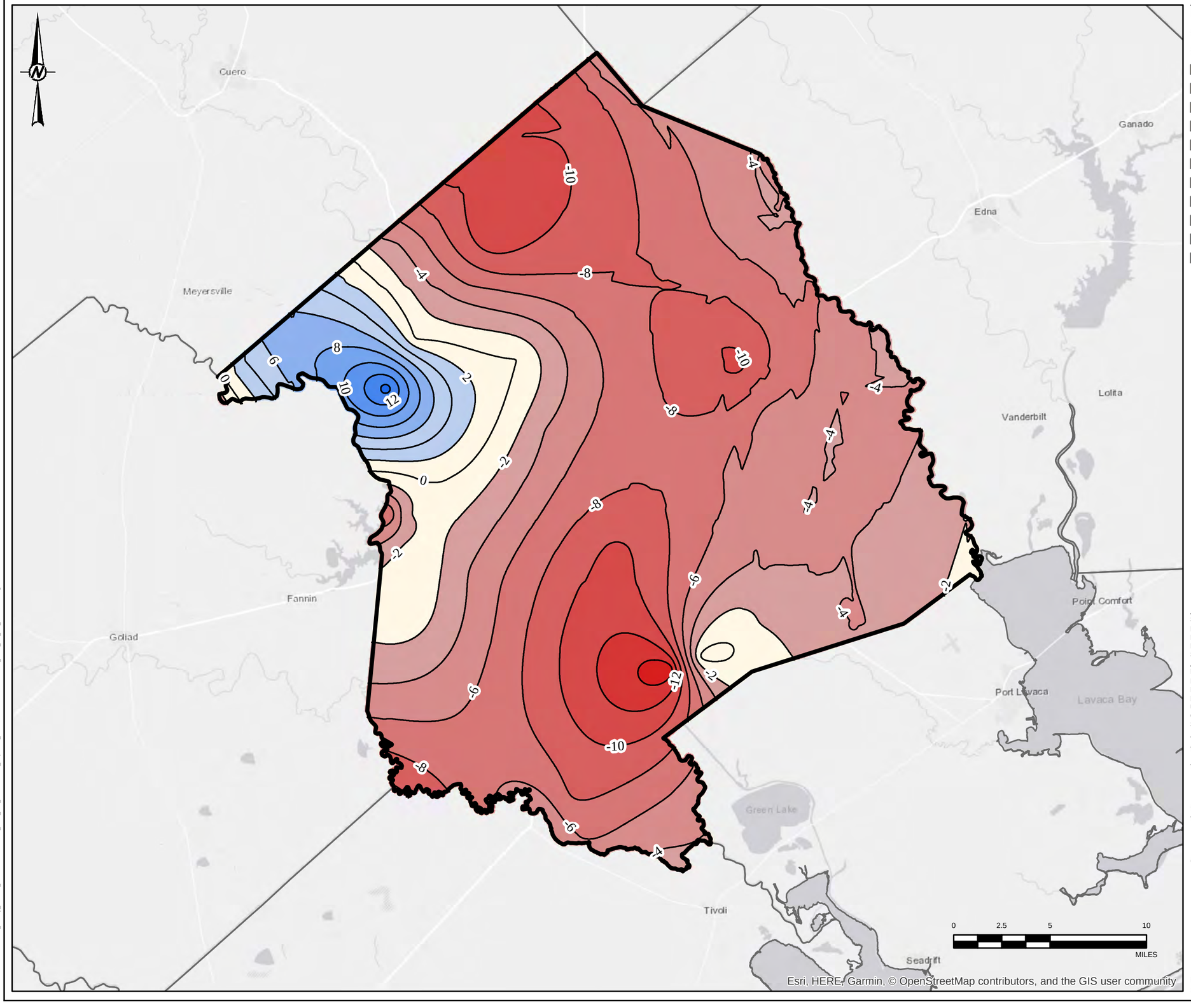
PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A007	0	**4G**

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

1 in

0

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_AssessmentA_Report\02_PRODUCTION\MXD\19118447_A007_CE_VC_GWElevChange25ft.mxd

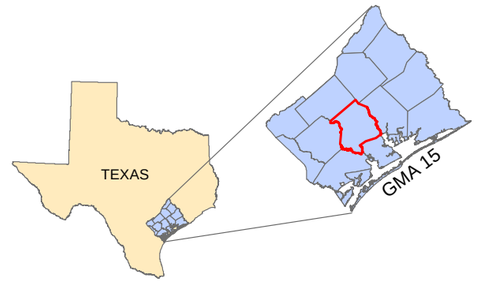


EXPLANATION

GW ELEVATION CHANGE (FT)

CONTOUR INTERVAL: 2'

- +18.1 - +20
- +16.1 - +18
- +14.1 - +16
- +12.1 - +14
- +10.1 - +12
- +8.1 - +10
- +6.1 - +8
- +4.1 - +6
- +2.1 - +4
- +0.1 - +2
- -1.9 - 0
- -3.9 - -2
- -5.9 - -4
- -7.9 - -6
- -9.9 - -8
- -11.9 - -10
- -13.9 - -12
- -15.9 - -14
- -17.9 - -16
- -19.9 - -18
- -21.9 - -20
- -23.9 - -22
- -29.2 - -24



SURFACE STATISTICS
MEAN: -5.1'
MIN:-15.3'
MAX:+14.5'
STD DEV:+4.3'

MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AND EVANGELINE AQUIFERS
VICTORIA COUNTY

GROUNDWATER ELEVATION CHANGE (2005 to 2017)

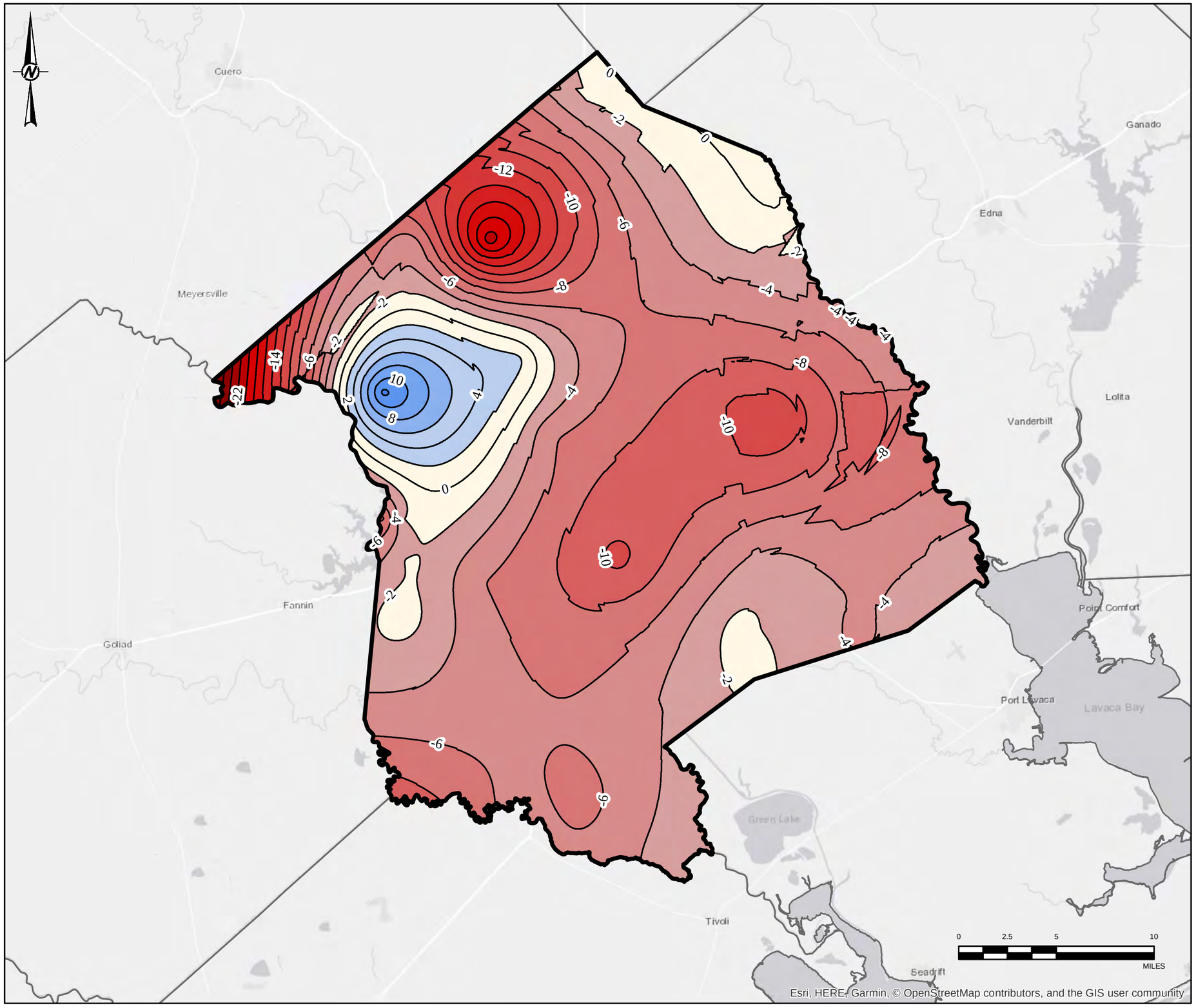
GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A007	0	**4H**

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_AssessmentA_Report\02_PRODUCTION\MXD\19118447_A007_CE_VC_GWElevChange2ft.mxd

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

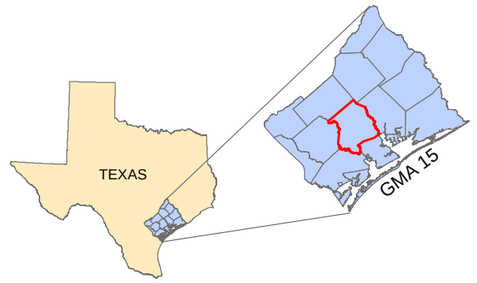


EXPLANATION

GW ELEVATION CHANGE (FT)

CONTOUR INTERVAL: 2'

- +18.1 - +20
- +16.1 - +18
- +14.1 - +16
- +12.1 - +14
- +10.1 - +12
- +8.1 - +10
- +6.1 - +8
- +4.1 - +6
- +2.1 - +4
- +0.1 - +2
- -1.9 - 0
- -3.9 - -2
- -5.9 - -4
- -7.9 - -6
- -9.9 - -8
- -11.9 - -10
- -13.9 - -12
- -15.9 - -14
- -17.9 - -16
- -19.9 - -18
- -21.9 - -20
- -23.9 - -22
- -29.2 - -24



SURFACE STATISTICS
MEAN: -5.2'
MIN:-28.4'
MAX:+12.5'
STD DEV:+4.1'

MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AND EVANGELINE AQUIFERS
VICTORIA COUNTY

GROUNDWATER ELEVATION CHANGE (2005 to 2018)

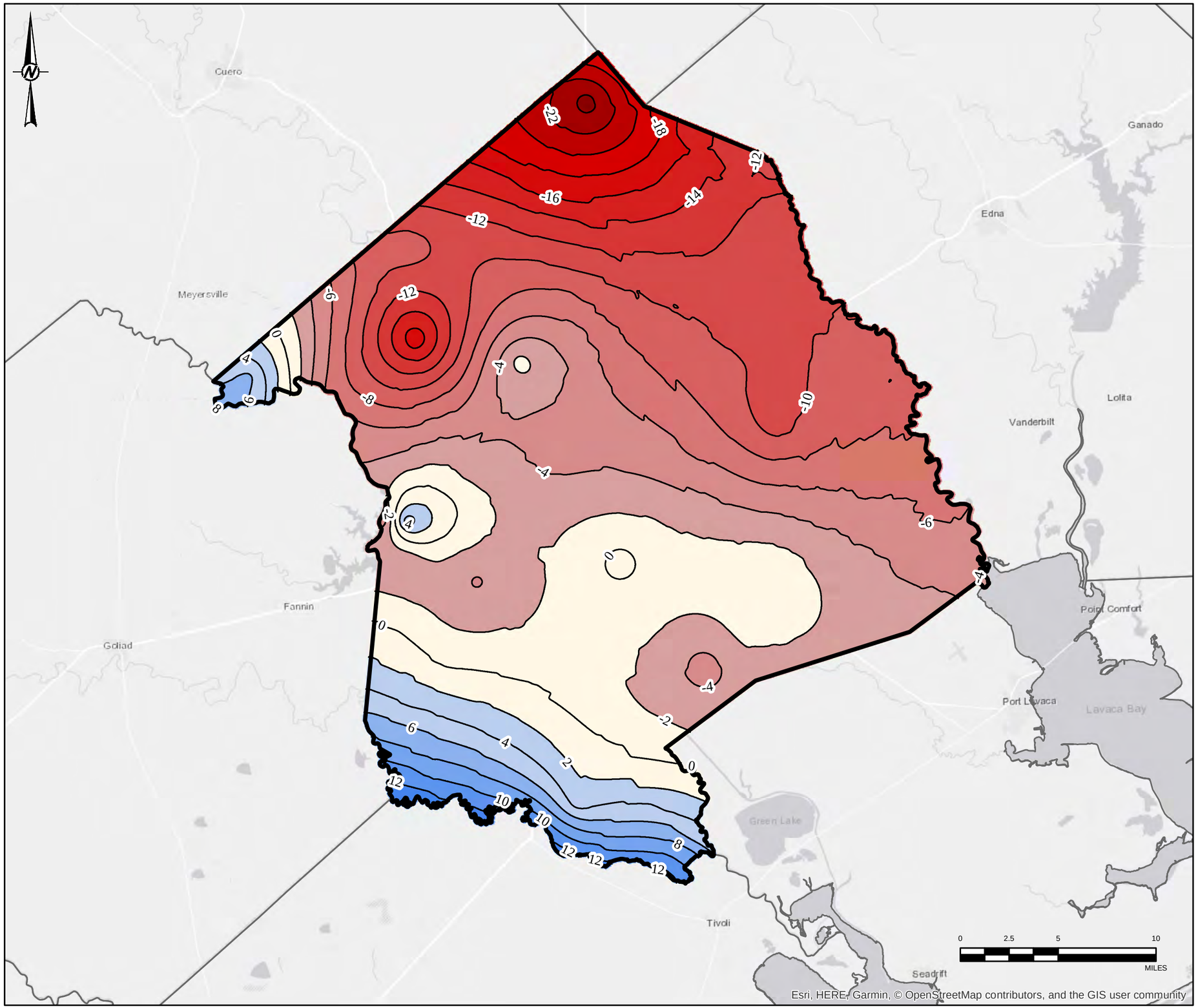
GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A007	0	**4I**

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_AssessmentA_Report\02_PRODUCTION\MXD\19118447_A007_CE_VC_GWElevChange25ft.mxd

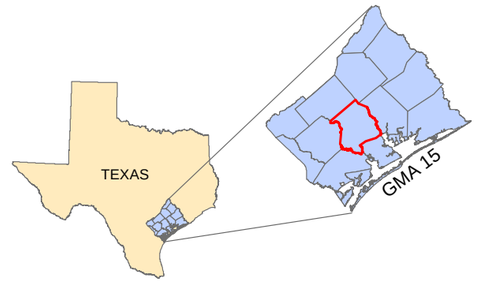


EXPLANATION

GW ELEVATION CHANGE (FT)

CONTOUR INTERVAL: 2'

- +18.1 - +20
- +16.1 - +18
- +14.1 - +16
- +12.1 - +14
- +10.1 - +12
- +8.1 - +10
- +6.1 - +8
- +4.1 - +6
- +2.1 - +4
- +0.1 - +2
- -1.9 - 0
- -3.9 - -2
- -5.9 - -4
- -7.9 - -6
- -9.9 - -8
- -11.9 - -10
- -13.9 - -12
- -15.9 - -14
- -17.9 - -16
- -19.9 - -18
- -21.9 - -20
- -23.9 - -22
- -29.2 - -24



SURFACE STATISTICS
MEAN: -5.2'
MIN:-24.7'
MAX:+14.4'
STD DEV:+6.5'

MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AND EVANGELINE AQUIFERS
VICTORIA COUNTY

GROUNDWATER ELEVATION CHANGE (2010 to 2015)

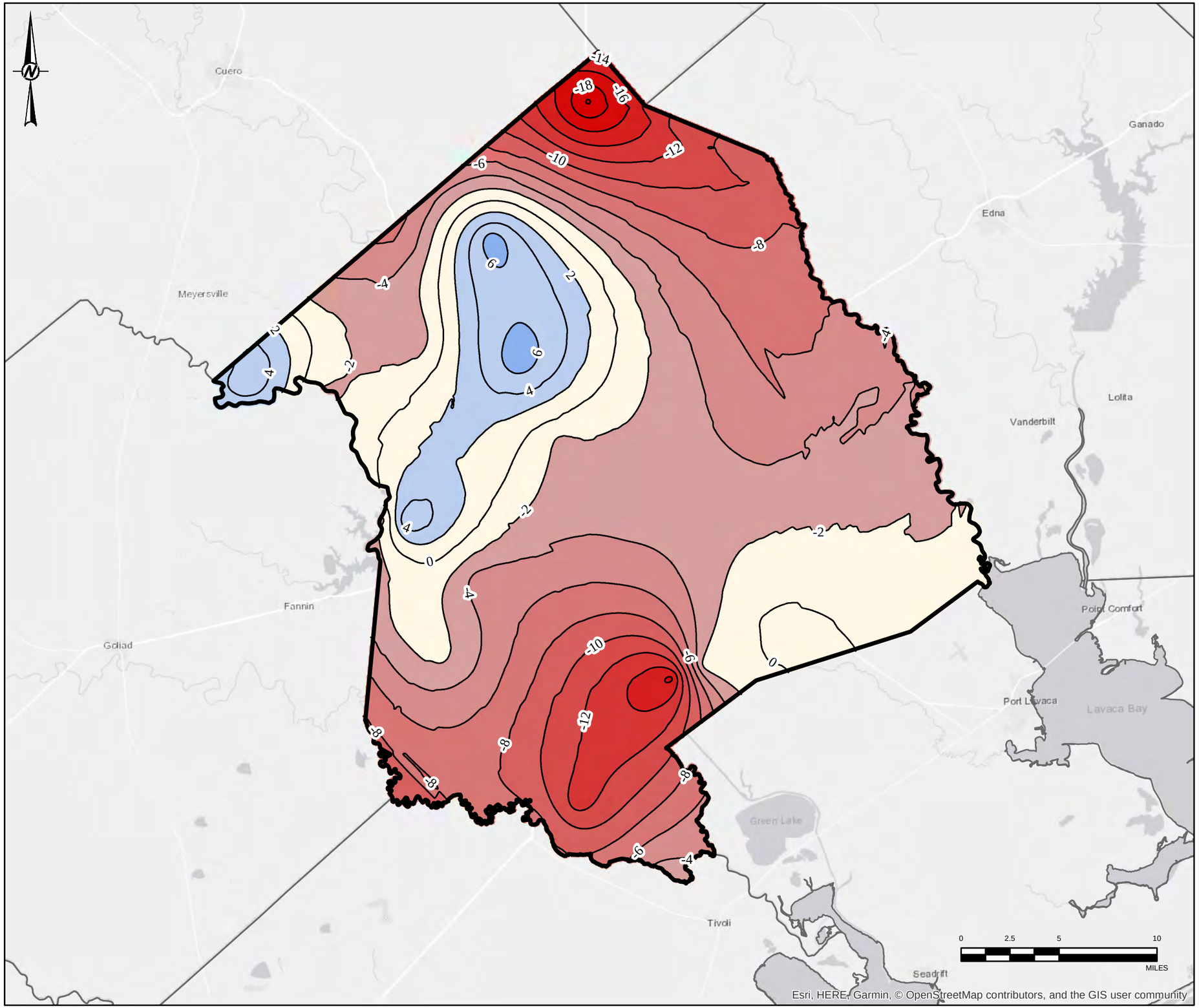
GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A007	0	**4J**

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_Assessment\A_Report\02_PRODUCTION\MXD\19118447_A007_CE_VC_GWElevChange2ft.mxd

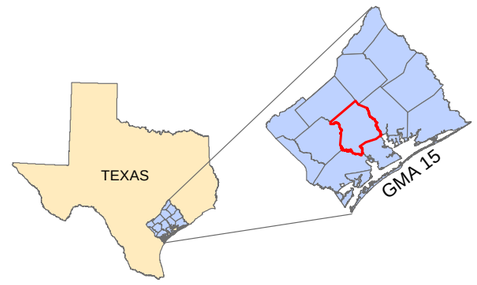


EXPLANATION

GW ELEVATION CHANGE (FT)

CONTOUR INTERVAL: 2'

- +18.1 - +20
- +16.1 - +18
- +14.1 - +16
- +12.1 - +14
- +10.1 - +12
- +8.1 - +10
- +6.1 - +8
- +4.1 - +6
- +2.1 - +4
- +0.1 - +2
- -1.9 - 0
- -3.9 - -2
- -5.9 - -4
- -7.9 - -6
- -9.9 - -8
- -11.9 - -10
- -13.9 - -12
- -15.9 - -14
- -17.9 - -16
- -19.9 - -18
- -21.9 - -20
- -23.9 - -22
- -29.2 - -24



SURFACE STATISTICS
MEAN: -4.0'
MIN:-20.1'
MAX:+7.2'
STD DEV:+4.6'

MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AND EVANGELINE AQUIFERS
VICTORIA COUNTY

GROUNDWATER ELEVATION CHANGE (2010 to 2017)

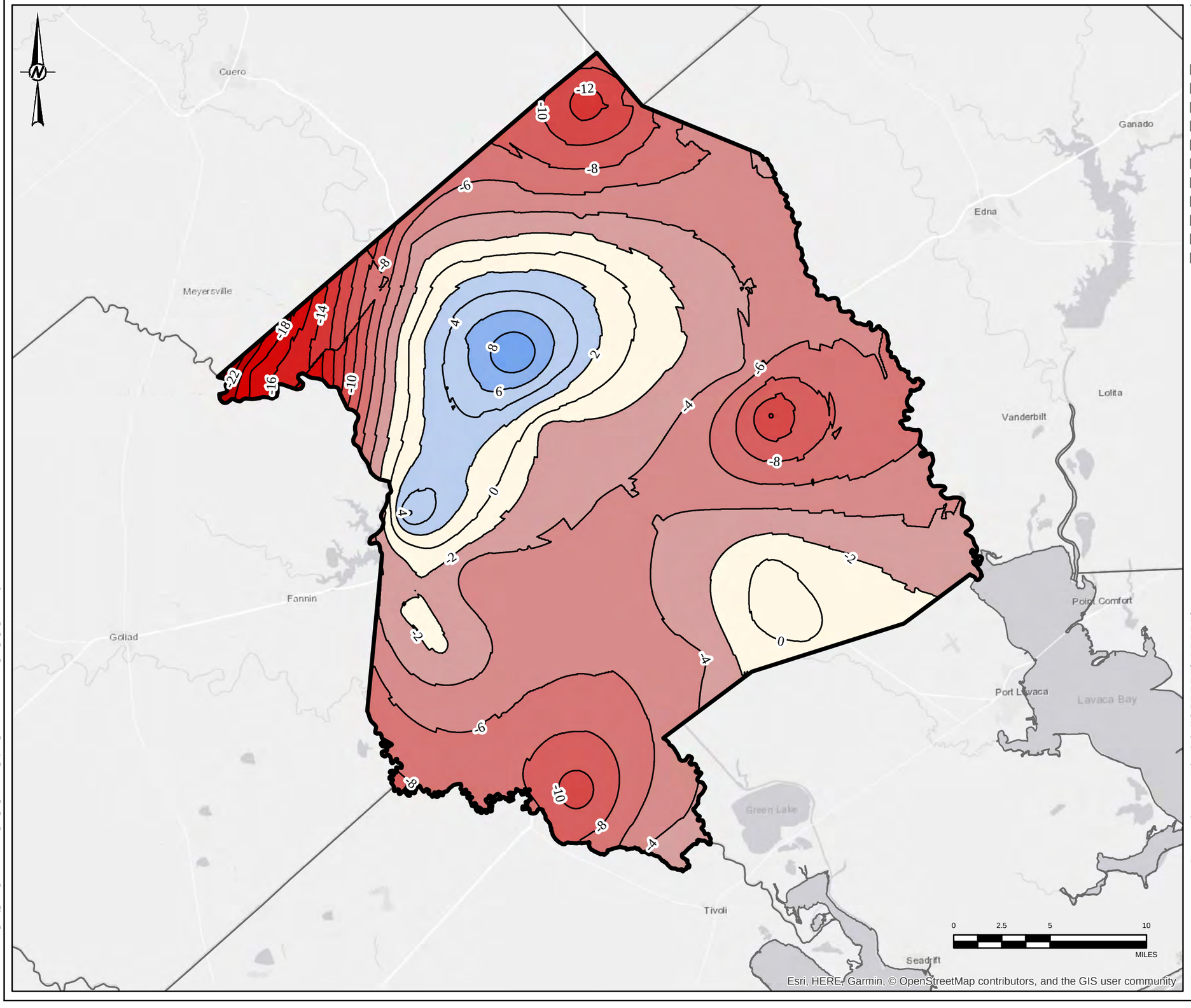
GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A007	0	4K

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_Assessment\A_Report\02_PRODUCTION\MXD\19118447_A007_CE_VC_GWElevChanges2ft.mxd

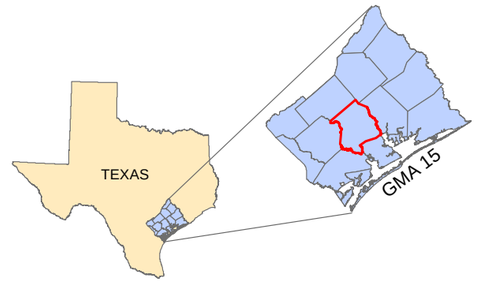


EXPLANATION

GW ELEVATION CHANGE (FT)

CONTOUR INTERVAL: 2'

- +18.1 - +20
- +16.1 - +18
- +14.1 - +16
- +12.1 - +14
- +10.1 - +12
- +8.1 - +10
- +6.1 - +8
- +4.1 - +6
- +2.1 - +4
- +0.1 - +2
- -1.9 - 0
- -3.9 - -2
- -5.9 - -4
- -7.9 - -6
- -9.9 - -8
- -11.9 - -10
- -13.9 - -12
- -15.9 - -14
- -17.9 - -16
- -19.9 - -18
- -21.9 - -20
- -23.9 - -22
- -29.2 - -24



SURFACE STATISTICS
MEAN: -4.0'
MIN:-24.9'
MAX:+10.0'
STD DEV:+4.1'

MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AND EVANGELINE AQUIFERS
VICTORIA COUNTY

GROUNDWATER ELEVATION CHANGE (2010 to 2018)

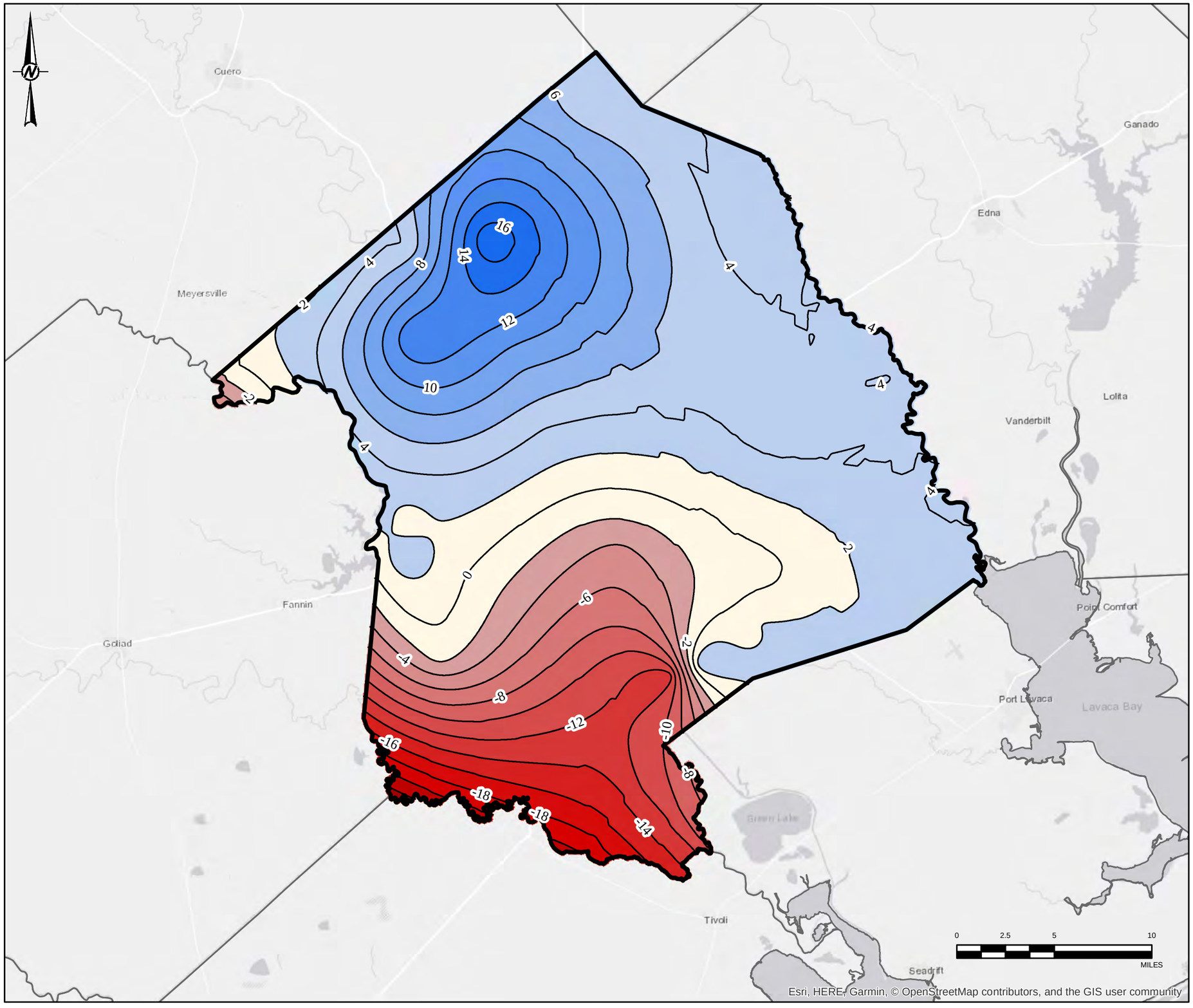
GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A007	0	**4L**

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_AssessmentA_Report\02_PRODUCTION\MXD\19118447_A007_CE_VC_GWElevChange2ft.mxd

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

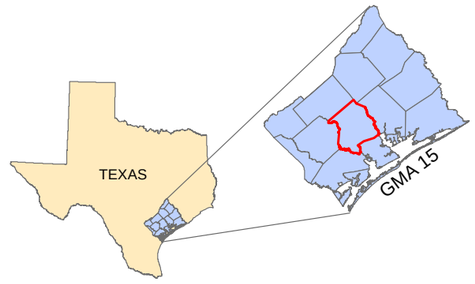


EXPLANATION

GW ELEVATION CHANGE (FT)

CONTOUR INTERVAL: 2'

- +18.1 - +20
- +16.1 - +18
- +14.1 - +16
- +12.1 - +14
- +10.1 - +12
- +8.1 - +10
- +6.1 - +8
- +4.1 - +6
- +2.1 - +4
- +0.1 - +2
- -1.9 - 0
- -3.9 - -2
- -5.9 - -4
- -7.9 - -6
- -9.9 - -8
- -11.9 - -10
- -13.9 - -12
- -15.9 - -14
- -17.9 - -16
- -19.9 - -18
- -21.9 - -20
- -23.9 - -22
- -29.2 - -24



SURFACE STATISTICS
MEAN: +1.2'
MIN:-23.4'
MAX:+17.7'
STD DEV:+7.6'

MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AND EVANGELINE AQUIFERS
VICTORIA COUNTY

GROUNDWATER ELEVATION CHANGE (2015 to 2017)

GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

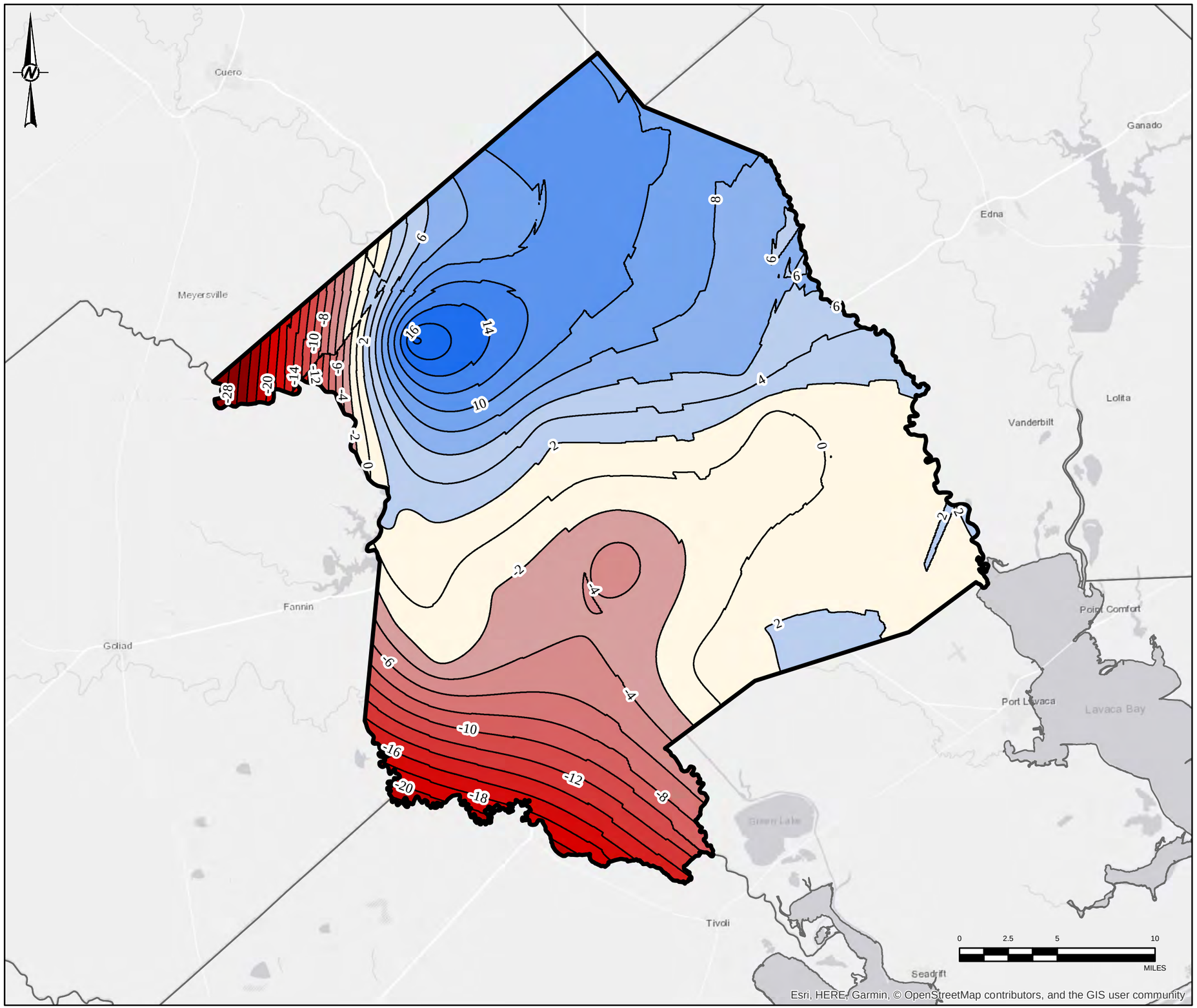
PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A007	0	**4M**

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANSI B

1 in

0

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_AssessmentA_Report\02_PRODUCTION\MXD\19118447_A007_CE_VC_GWElevChange2Ft.mxd

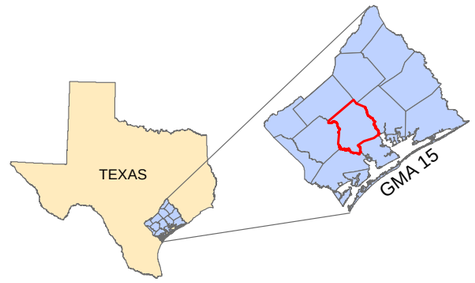


EXPLANATION

GW ELEVATION CHANGE (FT)

CONTOUR INTERVAL: 2'

- +18.1 - +20
- +16.1 - +18
- +14.1 - +16
- +12.1 - +14
- +10.1 - +12
- +8.1 - +10
- +6.1 - +8
- +4.1 - +6
- +2.1 - +4
- +0.1 - +2
- -1.9 - 0
- -3.9 - -2
- -5.9 - -4
- -7.9 - -6
- -9.9 - -8
- -11.9 - -10
- -13.9 - -12
- -15.9 - -14
- -17.9 - -16
- -19.9 - -18
- -21.9 - -20
- -23.9 - -22
- -29.2 - -24



SURFACE STATISTICS
MEAN: +1.3'
MIN:-30.5'
MAX:+18.4'
STD DEV:+7.6'

MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AND EVANGELINE AQUIFERS
VICTORIA COUNTY

GROUNDWATER ELEVATION CHANGE (2015 to 2018)

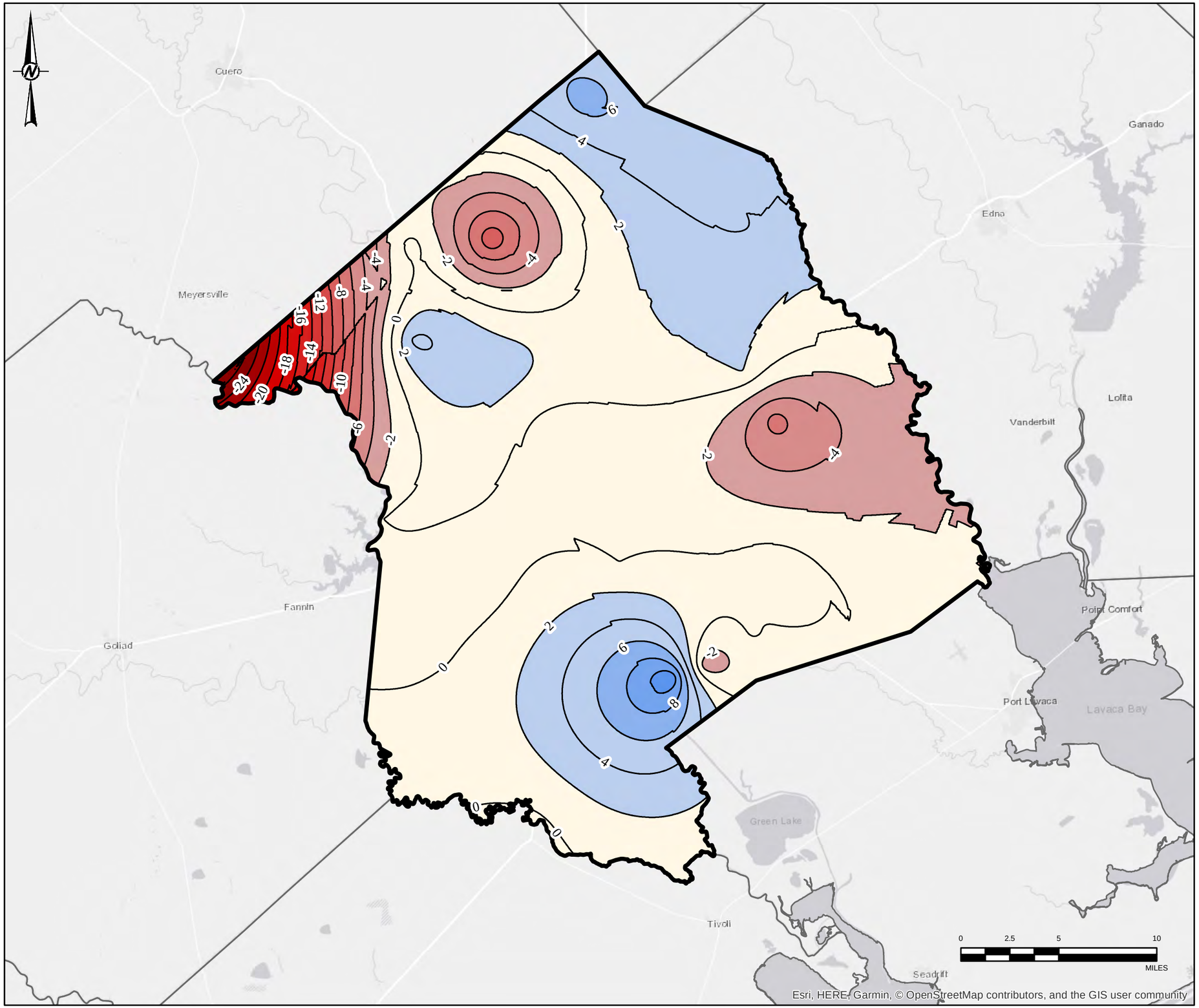
GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A007	0	4N

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_AssessmentA_Report\02_PRODUCT\DWM\D\19118447_A007_CE_VC_GWElevChange2ft.mxd

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

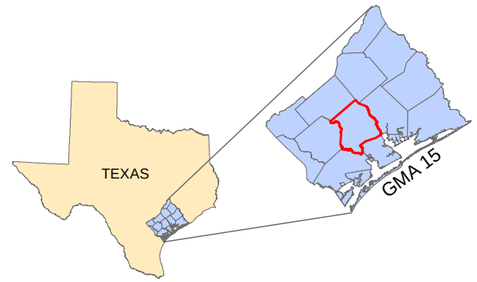


EXPLANATION

GW ELEVATION CHANGE (FT)

CONTOUR INTERVAL: 2'

- +18.1 - +20
- +16.1 - +18
- +14.1 - +16
- +12.1 - +14
- +10.1 - +12
- +8.1 - +10
- +6.1 - +8
- +4.1 - +6
- +2.1 - +4
- +0.1 - +2
- -1.9 - 0
- -3.9 - -2
- -5.9 - -4
- -7.9 - -6
- -9.9 - -8
- -11.9 - -10
- -13.9 - -12
- -15.9 - -14
- -17.9 - -16
- -19.9 - -18
- -21.9 - -20
- -23.9 - -22
- -29.2 - -24



SURFACE STATISTICS
MEAN: +0.0'
MIN:-27.4'
MAX:+11.6'
STD DEV:+3.9'

MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AND EVANGELINE AQUIFERS
VICTORIA COUNTY

GROUNDWATER ELEVATION CHANGE (2017 to 2018)

GOLDER

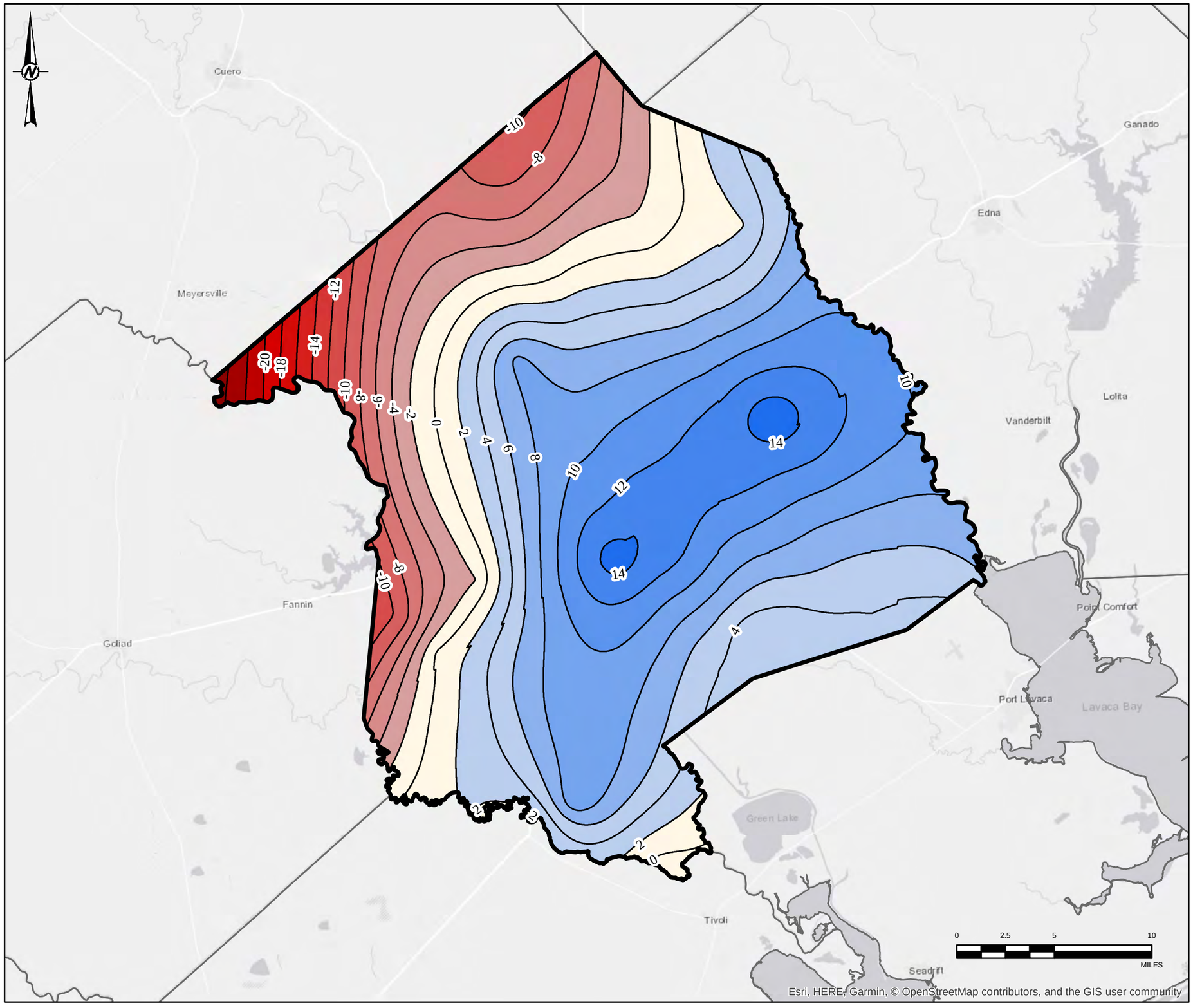
YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A007	0	4O

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_Assessment\A_Report\02_PRODUCTION\MXD\19118447_A007_CE_VC_GWElevChange-c2ft.mxd

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

0 1in

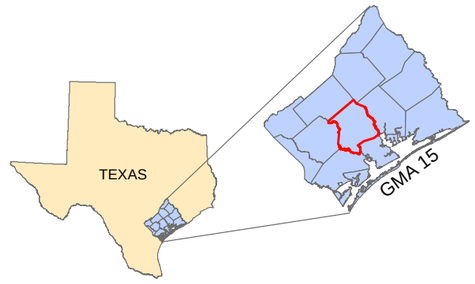


EXPLANATION

GW ELEVATION CHANGE (FT)

CONTOUR INTERVAL: 2'

- +18.1 - +20
- +16.1 - +18
- +14.1 - +16
- +12.1 - +14
- +10.1 - +12
- +8.1 - +10
- +6.1 - +8
- +4.1 - +6
- +2.1 - +4
- +0.1 - +2
- -1.9 - 0
- -3.9 - -2
- -5.9 - -4
- -7.9 - -6
- -9.9 - -8
- -11.9 - -10
- -13.9 - -12
- -15.9 - -14
- -17.9 - -16
- -19.9 - -18
- -21.9 - -20
- -23.9 - -22
- -29.2 - -24



SURFACE STATISTICS

MEAN:+3.4'
MIN:-25.3'
MAX:+15.5'
STD DEV:+7.0'

MAP PARAMETERS

INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AQUIFER
VICTORIA COUNTY

GROUNDWATER ELEVATION CHANGE (2000 to 2005)

GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

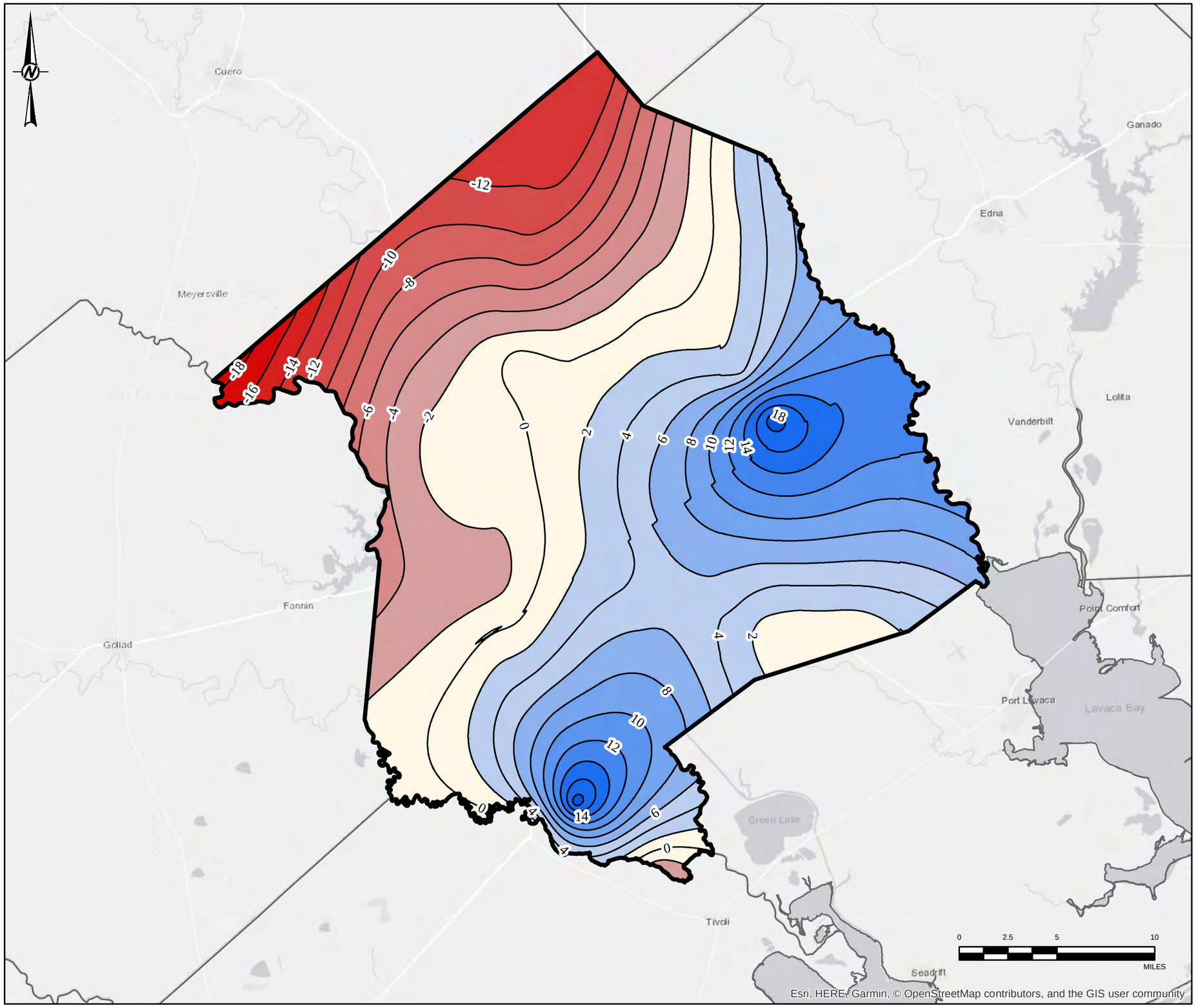
PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A008	0	**5A**

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

1 in

0

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_AssessmentA_Report\02_PRODUCTION\MXD\19118447_A008_Chicot_VC_GWElevChange25ft.mxd

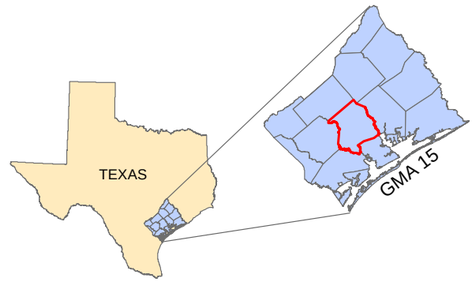


EXPLANATION

GW ELEVATION CHANGE (FT)

CONTOUR INTERVAL: 2'

- +18.1 - +20
- +16.1 - +18
- +14.1 - +16
- +12.1 - +14
- +10.1 - +12
- +8.1 - +10
- +6.1 - +8
- +4.1 - +6
- +2.1 - +4
- +0.1 - +2
- -1.9 - 0
- -3.9 - -2
- -5.9 - -4
- -7.9 - -6
- -9.9 - -8
- -11.9 - -10
- -13.9 - -12
- -15.9 - -14
- -17.9 - -16
- -19.9 - -18
- -21.9 - -20
- -23.9 - -22
- -29.2 - -24



SURFACE STATISTICS
MEAN: +1.3'
MIN: -18.9'
MAX: +19.3'
STD DEV: +7.2'

MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AQUIFER
VICTORIA COUNTY

GROUNDWATER ELEVATION CHANGE (2000 to 2010)

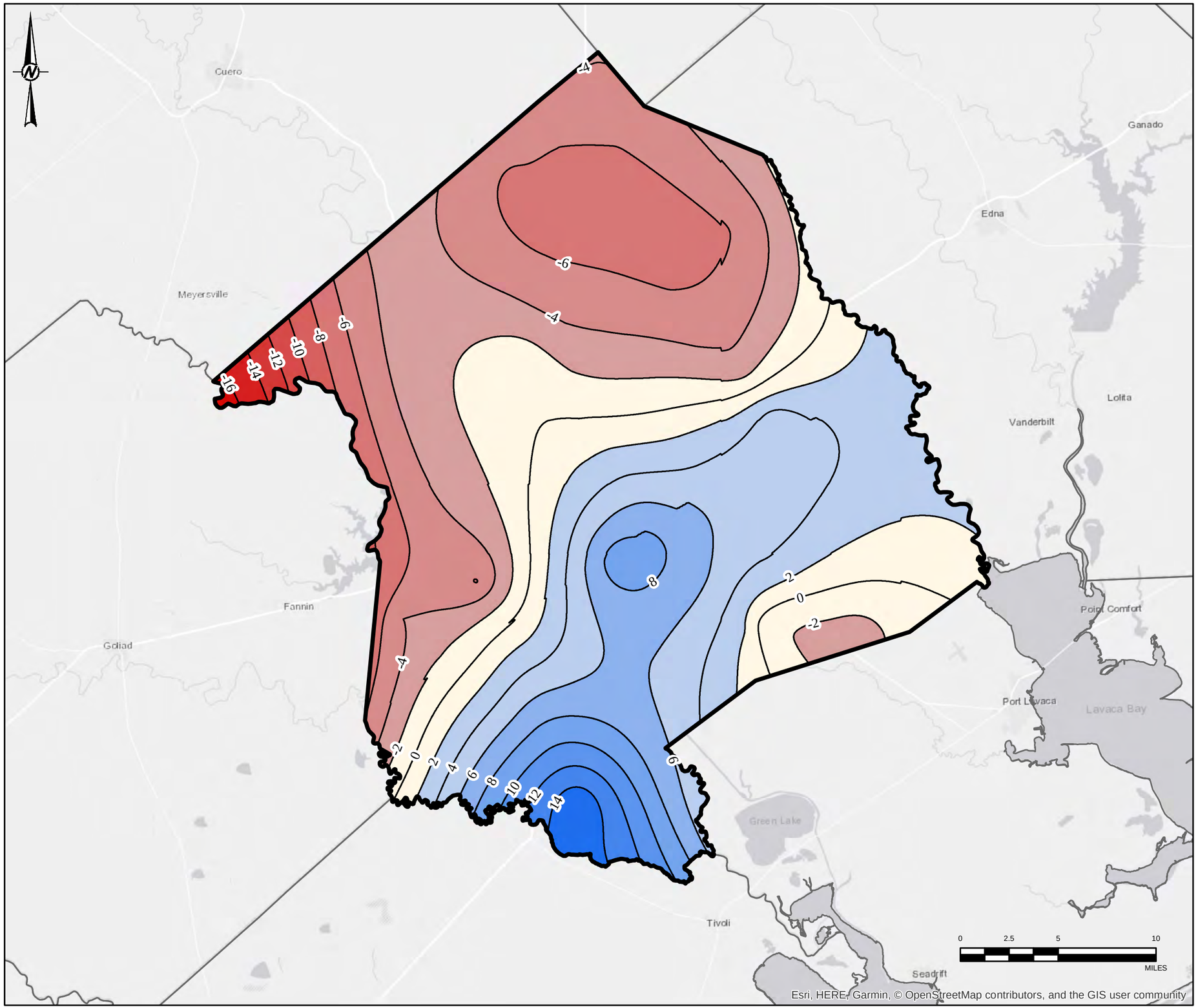
GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A008	0	**5B**

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_AssessmentA_Report\02_PRODUCTION\MXD\19118447_A008_Chicot_VC_GWElevChange25ft.mxd

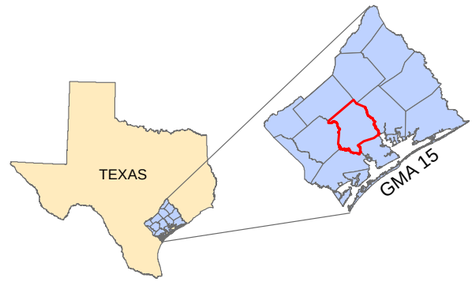


EXPLANATION

GW ELEVATION CHANGE (FT)

CONTOUR INTERVAL: 2'

- +18.1 - +20
- +16.1 - +18
- +14.1 - +16
- +12.1 - +14
- +10.1 - +12
- +8.1 - +10
- +6.1 - +8
- +4.1 - +6
- +2.1 - +4
- +0.1 - +2
- -1.9 - 0
- -3.9 - -2
- -5.9 - -4
- -7.9 - -6
- -9.9 - -8
- -11.9 - -10
- -13.9 - -12
- -15.9 - -14
- -17.9 - -16
- -19.9 - -18
- -21.9 - -20
- -23.9 - -22
- -29.2 - -24



SURFACE STATISTICS
MEAN: -0.1'
MIN: -17.2'
MAX: +15.7'
STD DEV: +5.3'

MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AQUIFER
VICTORIA COUNTY

GROUNDWATER ELEVATION CHANGE (2000 to 2015)

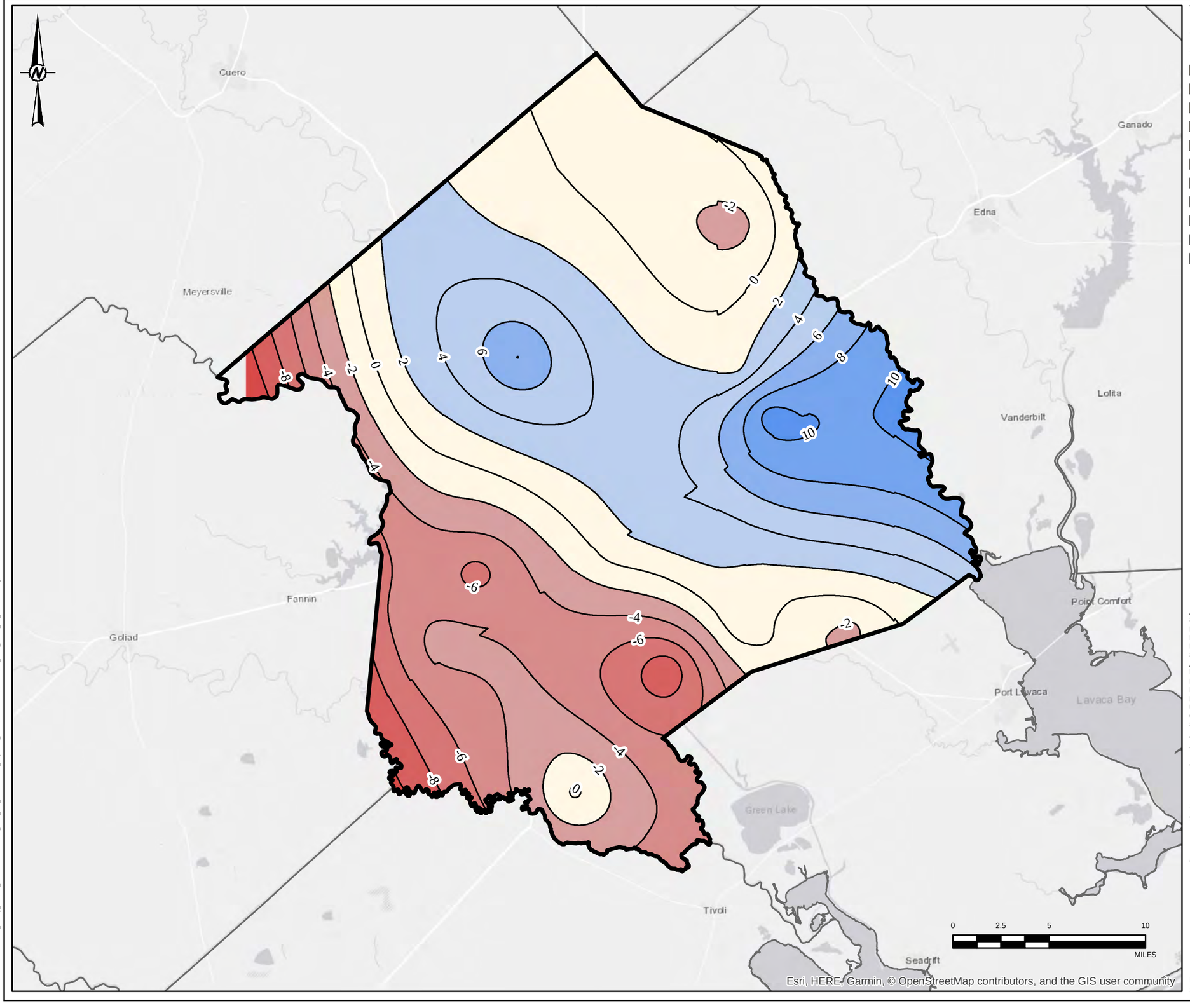
GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A008	0	5C

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_AssessmentA_Report\02_PRODUCT\DWMXD\19118447_A008_Chicot_VC_GWElevChange2ft.mxd

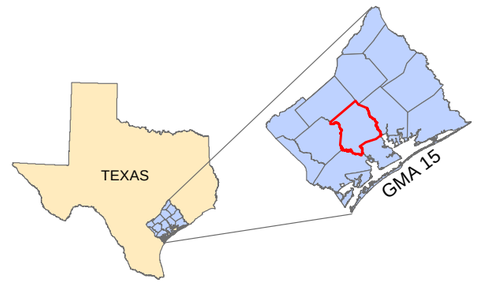


EXPLANATION

GW ELEVATION CHANGE (FT)

CONTOUR INTERVAL: 2'

- +18.1 - +20
- +16.1 - +18
- +14.1 - +16
- +12.1 - +14
- +10.1 - +12
- +8.1 - +10
- +6.1 - +8
- +4.1 - +6
- +2.1 - +4
- +0.1 - +2
- -1.9 - 0
- -3.9 - -2
- -5.9 - -4
- -7.9 - -6
- -9.9 - -8
- -11.9 - -10
- -13.9 - -12
- -15.9 - -14
- -17.9 - -16
- -19.9 - -18
- -21.9 - -20
- -23.9 - -22
- -29.2 - -24



SURFACE STATISTICS
MEAN: +0.4'
MIN: -11.8'
MAX: +10.9'
STD DEV: +4.4'

MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AQUIFER
VICTORIA COUNTY

GROUNDWATER ELEVATION CHANGE (2000 to 2017)

GOLDER

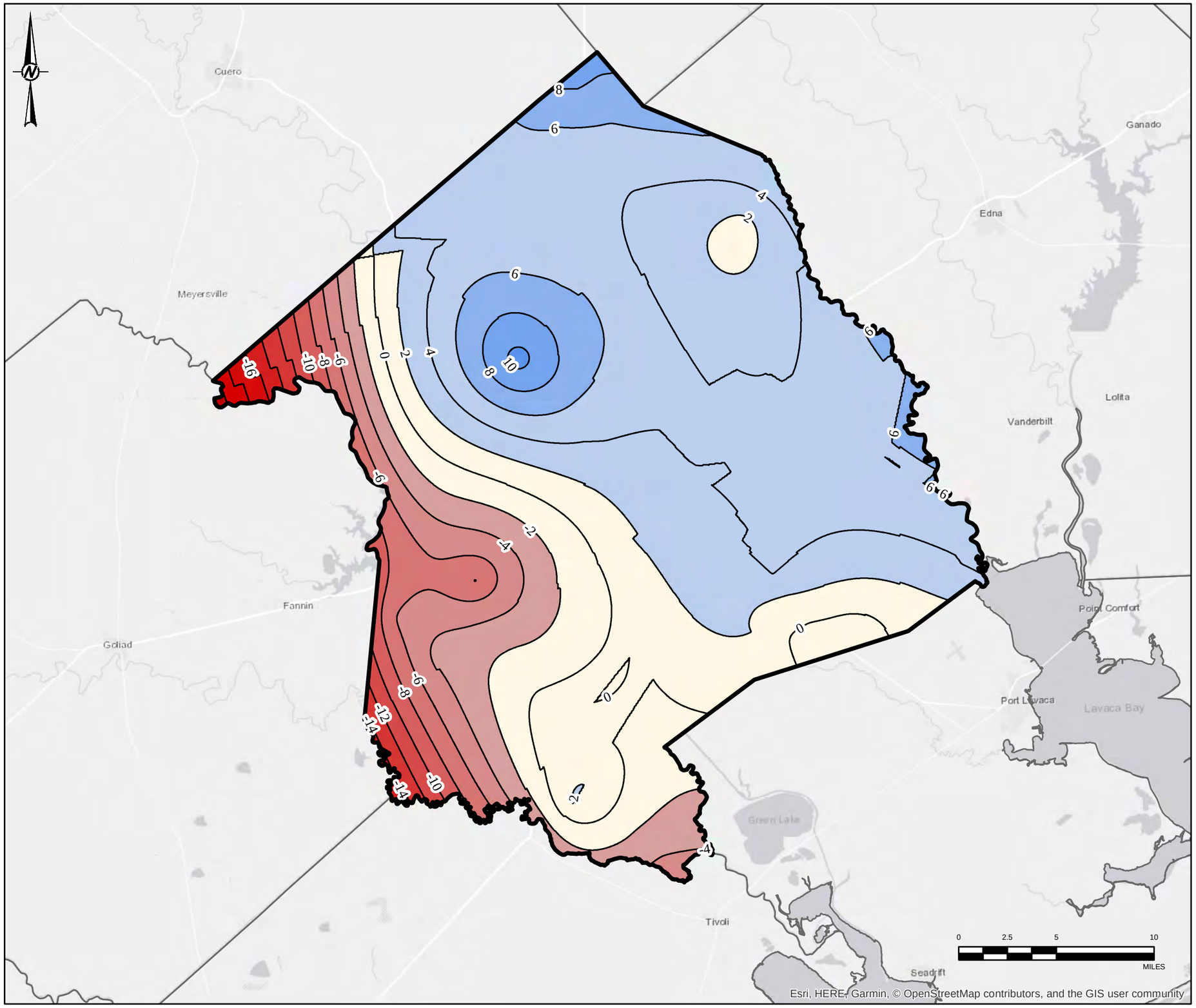
YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A008	0	**5D**

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_AssessmentIA_Report\02_PRODUCTION\MXD\19118447_A008_Chicot_VC_GWElevChanges2ft.mxd

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

1 in
0

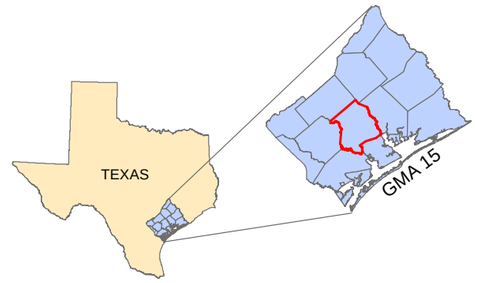


EXPLANATION

GW ELEVATION CHANGE (FT)

CONTOUR INTERVAL: 2'

- +18.1 - +20
- +16.1 - +18
- +14.1 - +16
- +12.1 - +14
- +10.1 - +12
- +8.1 - +10
- +6.1 - +8
- +4.1 - +6
- +2.1 - +4
- +0.1 - +2
- -1.9 - 0
- -3.9 - -2
- -5.9 - -4
- -7.9 - -6
- -9.9 - -8
- -11.9 - -10
- -13.9 - -12
- -15.9 - -14
- -17.9 - -16
- -19.9 - -18
- -21.9 - -20
- -23.9 - -22
- -29.2 - -24



SURFACE STATISTICS
MEAN: +1.4'
MIN: -20.9'
MAX: +10.8'
STD DEV: +4.6'

MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AQUIFER
VICTORIA COUNTY

GROUNDWATER ELEVATION CHANGE (2000 to 2018)

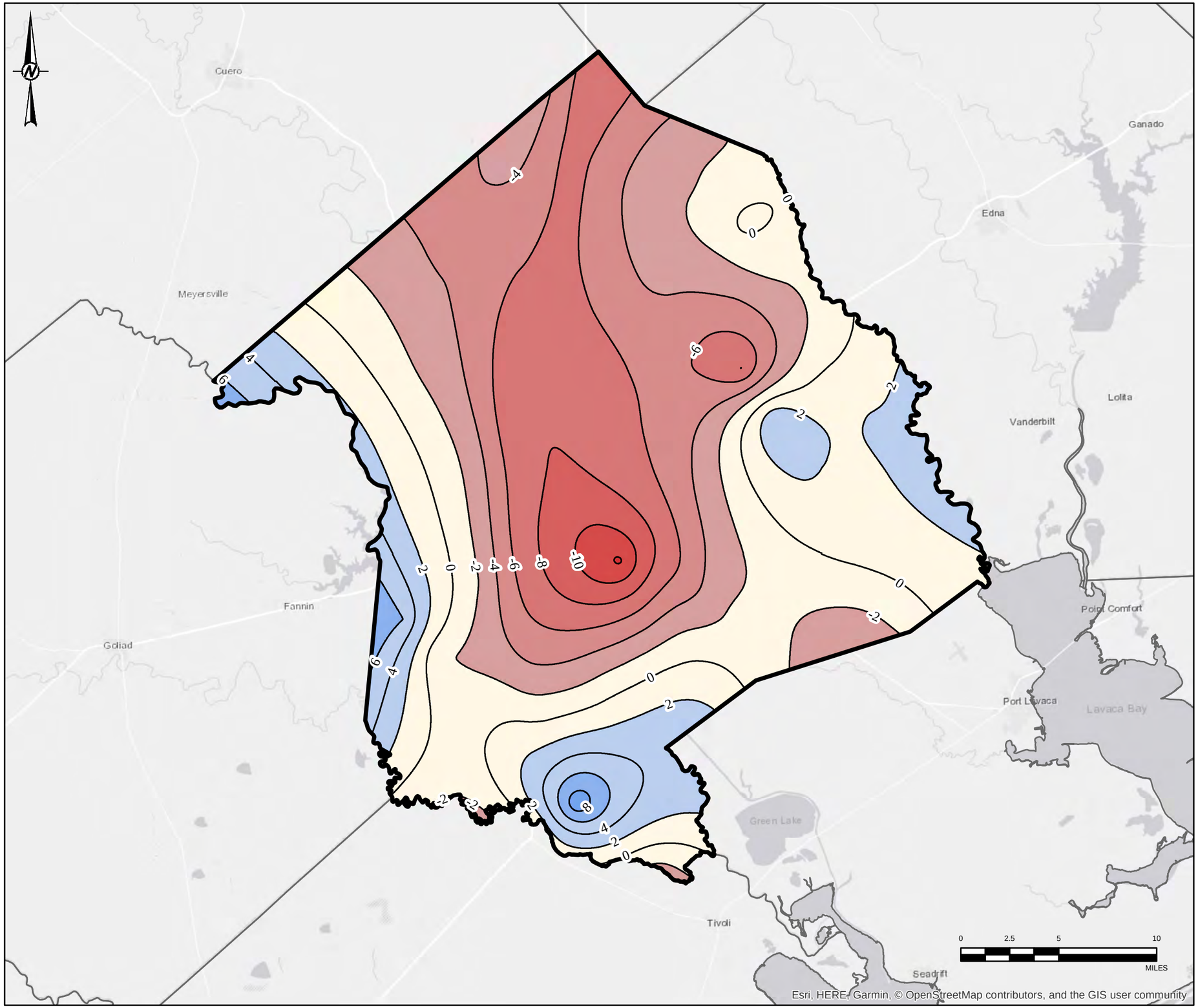
GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A008	0	5E

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_AssessmentA_Report\02_PRODUCTION\MXD\19118447_A008_Chicot_VC_GWElevChange25ft.mxd

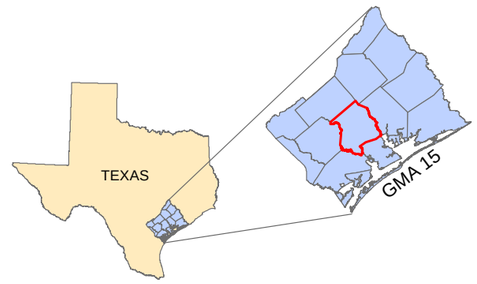


EXPLANATION

GW ELEVATION CHANGE (FT)

CONTOUR INTERVAL: 2'

- +18.1 - +20
- +16.1 - +18
- +14.1 - +16
- +12.1 - +14
- +10.1 - +12
- +8.1 - +10
- +6.1 - +8
- +4.1 - +6
- +2.1 - +4
- +0.1 - +2
- -1.9 - 0
- -3.9 - -2
- -5.9 - -4
- -7.9 - -6
- -9.9 - -8
- -11.9 - -10
- -13.9 - -12
- -15.9 - -14
- -17.9 - -16
- -19.9 - -18
- -21.9 - -20
- -23.9 - -22
- -29.2 - -24



SURFACE STATISTICS
MEAN: -2.2'
MIN: -12.2'
MAX: +9.6'
STD DEV: +3.6'

MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AQUIFER
VICTORIA COUNTY

GROUNDWATER ELEVATION CHANGE (2005 to 2010)

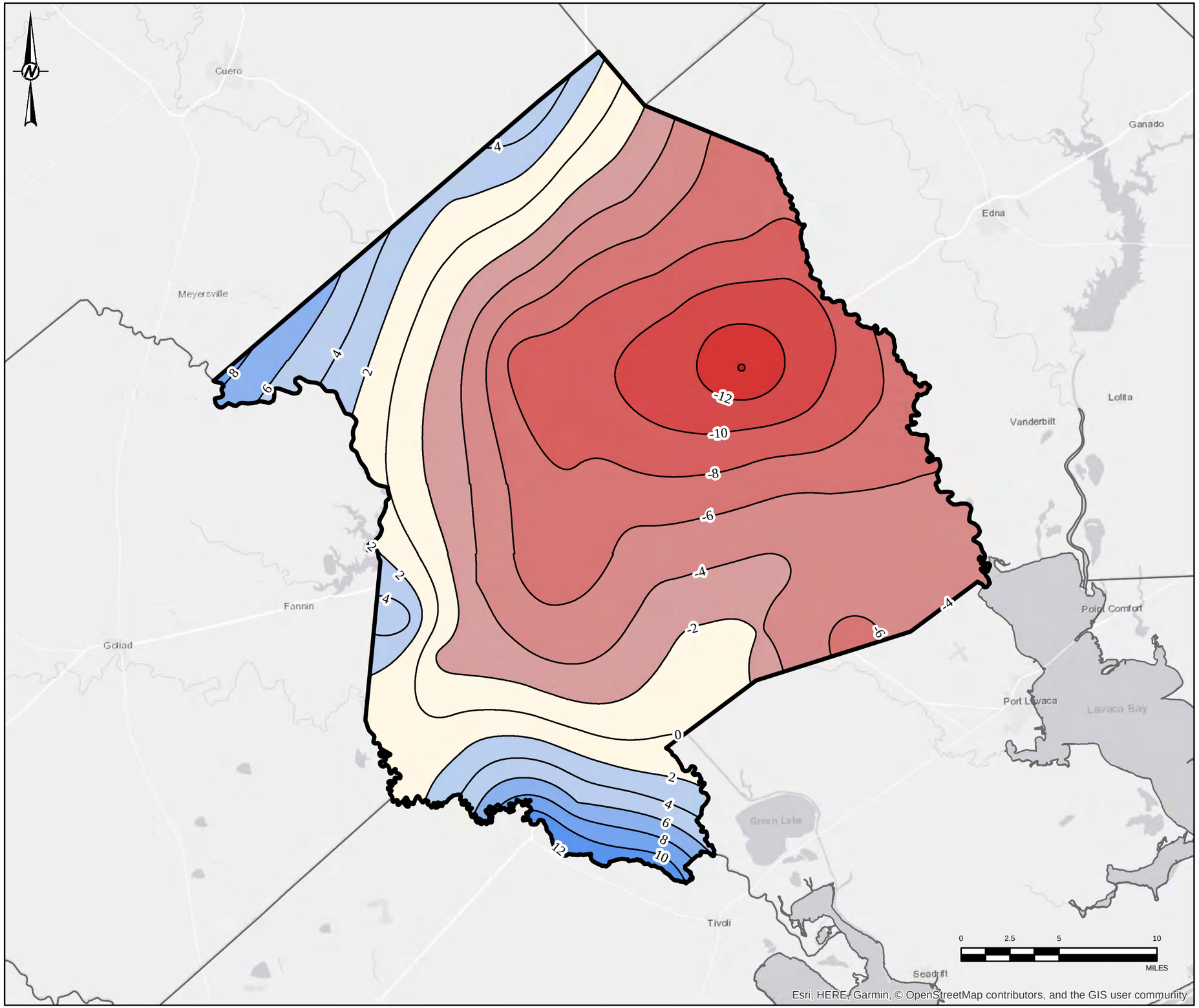
GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A008	0	5F

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_Assessment\A_Report\02_PRODUCTION\MXD\19118447_A008_Chicot_VC_GWElevChange25ft.mxd

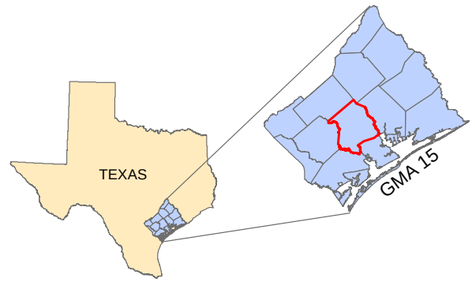


EXPLANATION

GW ELEVATION CHANGE (FT)

CONTOUR INTERVAL: 2'

- +18.1 - +20
- +16.1 - +18
- +14.1 - +16
- +12.1 - +14
- +10.1 - +12
- +8.1 - +10
- +6.1 - +8
- +4.1 - +6
- +2.1 - +4
- +0.1 - +2
- -1.9 - 0
- -3.9 - -2
- -5.9 - -4
- -7.9 - -6
- -9.9 - -8
- -11.9 - -10
- -13.9 - -12
- -15.9 - -14
- -17.9 - -16
- -19.9 - -18
- -21.9 - -20
- -23.9 - -22
- -29.2 - -24



SURFACE STATISTICS
MEAN: -3.5'
MIN: -14.1'
MAX: +12.1'
STD DEV: +4.9'

MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AQUIFER
VICTORIA COUNTY

GROUNDWATER ELEVATION CHANGE (2005 to 2015)

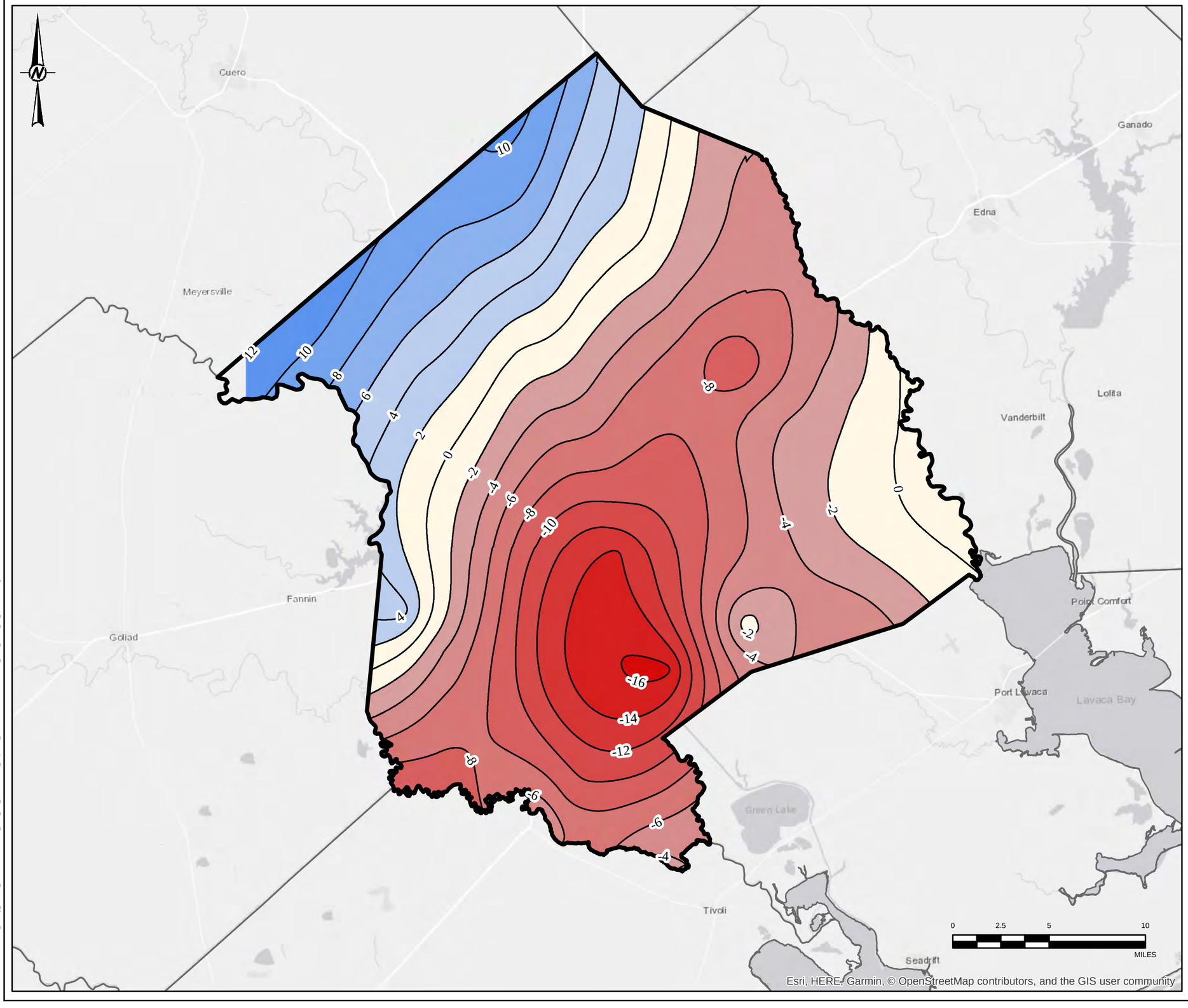
GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A008	0	**5G**

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_AssessmentA_Report\02_PRODUCTION\MXD\19118447_A008_Chicot_VC_GWElevChange2ft.mxd

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANSI B

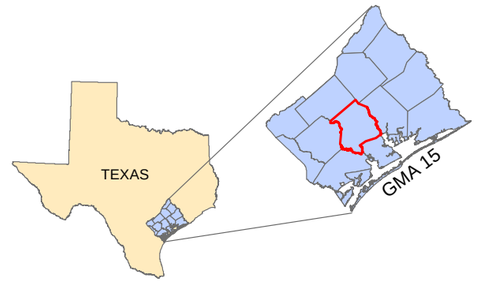


EXPLANATION

GW ELEVATION CHANGE (FT)

CONTOUR INTERVAL: 2'

- +18.1 - +20
- +16.1 - +18
- +14.1 - +16
- +12.1 - +14
- +10.1 - +12
- +8.1 - +10
- +6.1 - +8
- +4.1 - +6
- +2.1 - +4
- +0.1 - +2
- -1.9 - 0
- -3.9 - -2
- -5.9 - -4
- -7.9 - -6
- -9.9 - -8
- -11.9 - -10
- -13.9 - -12
- -15.9 - -14
- -17.9 - -16
- -19.9 - -18
- -21.9 - -20
- -23.9 - -22
- -29.2 - -24



SURFACE STATISTICS
MEAN: -3.1'
MIN: -16.4'
MAX: +12.2'
STD DEV: +6.3'

MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AQUIFER
VICTORIA COUNTY

GROUNDWATER ELEVATION CHANGE (2005 to 2017)

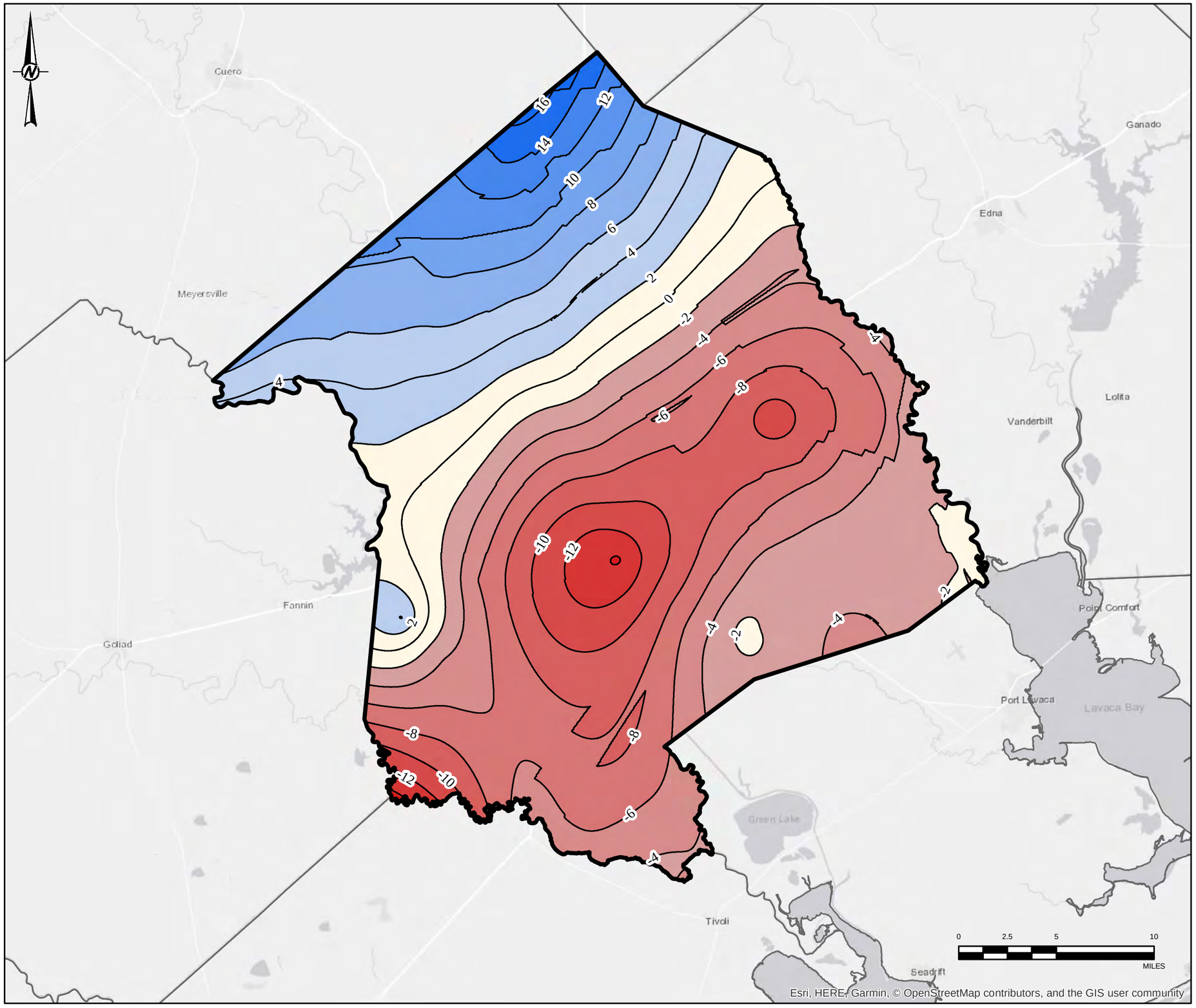
GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A008	0	5H

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_AssessmentA_Report\02_PRODUCTION\MXD\19118447_A008_Chicot_VC_GWElevChange2ft.mxd

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

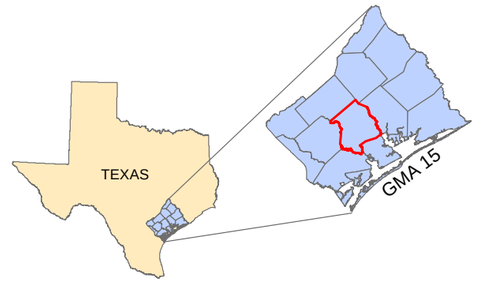


EXPLANATION

GW ELEVATION CHANGE (FT)

CONTOUR INTERVAL: 2'

- +18.1 - +20
- +16.1 - +18
- +14.1 - +16
- +12.1 - +14
- +10.1 - +12
- +8.1 - +10
- +6.1 - +8
- +4.1 - +6
- +2.1 - +4
- +0.1 - +2
- -1.9 - 0
- -3.9 - -2
- -5.9 - -4
- -7.9 - -6
- -9.9 - -8
- -11.9 - -10
- -13.9 - -12
- -15.9 - -14
- -17.9 - -16
- -19.9 - -18
- -21.9 - -20
- -23.9 - -22
- -29.2 - -24



SURFACE STATISTICS
MEAN: -2.0'
MIN: -14.9'
MAX: +17.5'
STD DEV: +6.4'

MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AQUIFER
VICTORIA COUNTY

GROUNDWATER ELEVATION CHANGE (2005 to 2018)

GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

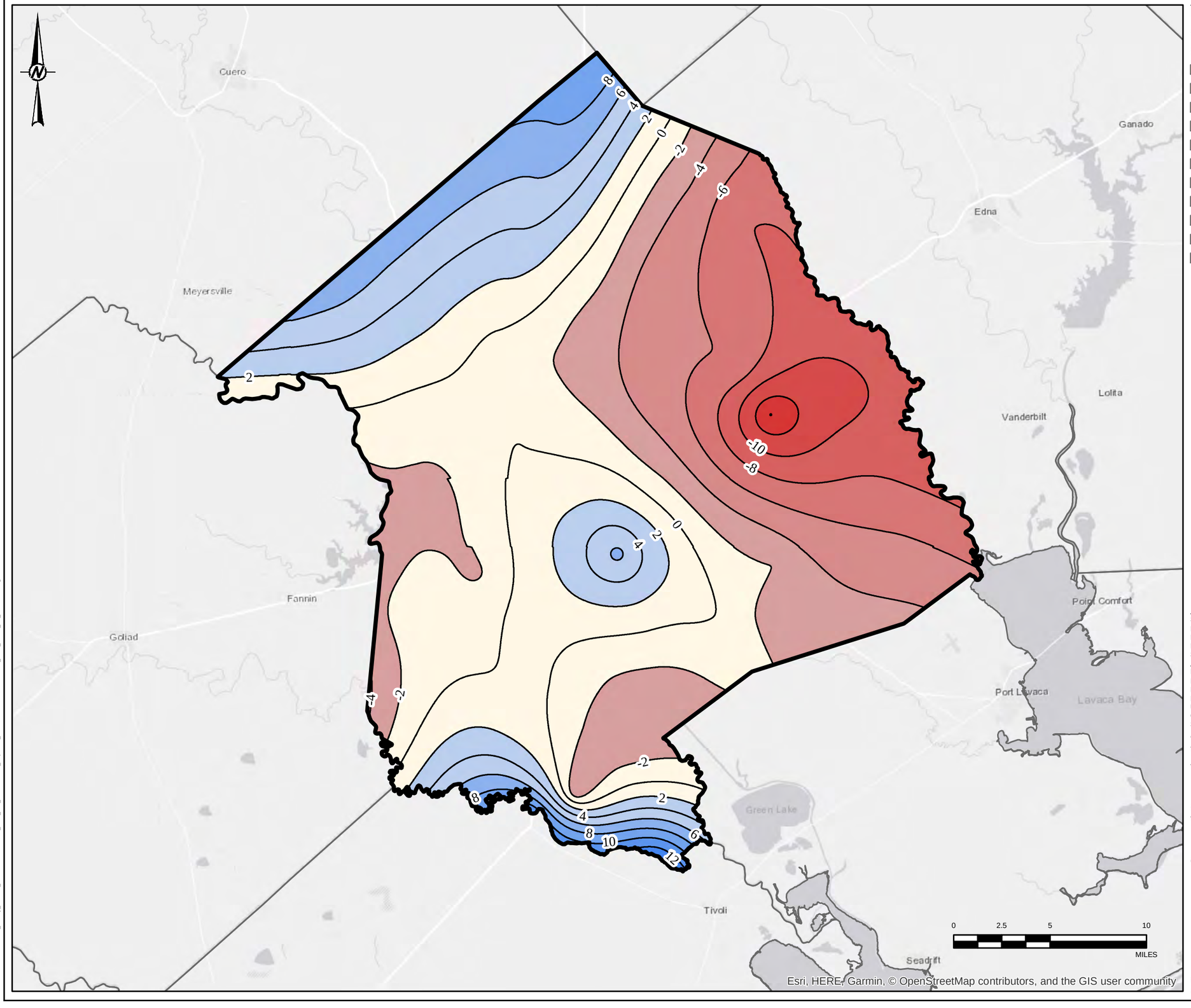
PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A008	0	**5I**

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

1 in

0

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_AssessmentA_Report\02_PRODUCTION\MXD\19118447_A008_Chicot_VC_GWElevChange2ft.mxd

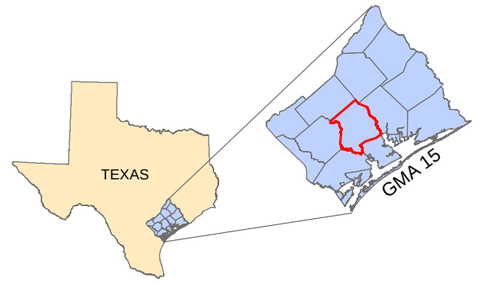


EXPLANATION

GW ELEVATION CHANGE (FT)

CONTOUR INTERVAL: 2'

- +18.1 - +20
- +16.1 - +18
- +14.1 - +16
- +12.1 - +14
- +10.1 - +12
- +8.1 - +10
- +6.1 - +8
- +4.1 - +6
- +2.1 - +4
- +0.1 - +2
- -1.9 - 0
- -3.9 - -2
- -5.9 - -4
- -7.9 - -6
- -9.9 - -8
- -11.9 - -10
- -13.9 - -12
- -15.9 - -14
- -17.9 - -16
- -19.9 - -18
- -21.9 - -20
- -23.9 - -22
- -29.2 - -24



SURFACE STATISTICS
MEAN: -1.4'
MIN: -14.0'
MAX: +14.1'
STD DEV: +4.6'

MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AQUIFER
VICTORIA COUNTY

GROUNDWATER ELEVATION CHANGE (2010 to 2015)

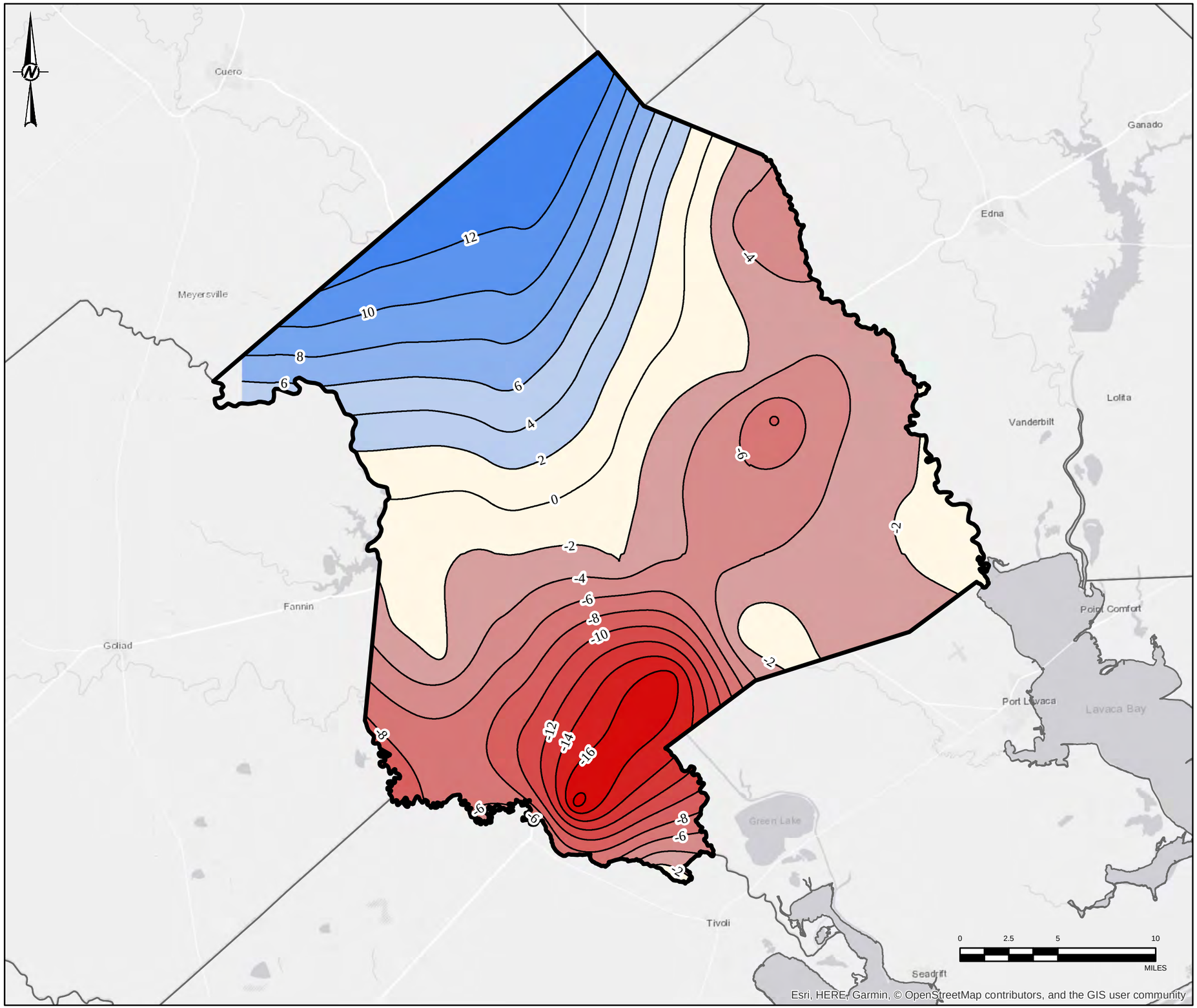
GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A008	0	**5J**

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_Assessment\A_Report\02_PRODUCTION\MXD\19118447_A008_Chicot_VC_GWElevChanges2ft.mxd

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

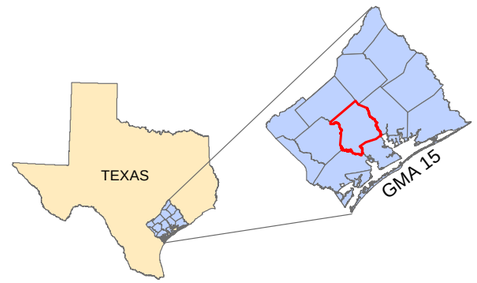


EXPLANATION

GW ELEVATION CHANGE (FT)

CONTOUR INTERVAL: 2'

- +18.1 - +20
- +16.1 - +18
- +14.1 - +16
- +12.1 - +14
- +10.1 - +12
- +8.1 - +10
- +6.1 - +8
- +4.1 - +6
- +2.1 - +4
- +0.1 - +2
- -1.9 - 0
- -3.9 - -2
- -5.9 - -4
- -7.9 - -6
- -9.9 - -8
- -11.9 - -10
- -13.9 - -12
- -15.9 - -14
- -17.9 - -16
- -19.9 - -18
- -21.9 - -20
- -23.9 - -22
- -29.2 - -24



SURFACE STATISTICS
MEAN: -0.9'
MIN: -18.8'
MAX: +13.9'
STD DEV: +7.0'

MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AQUIFER
VICTORIA COUNTY

GROUNDWATER ELEVATION CHANGE (2010 to 2017)

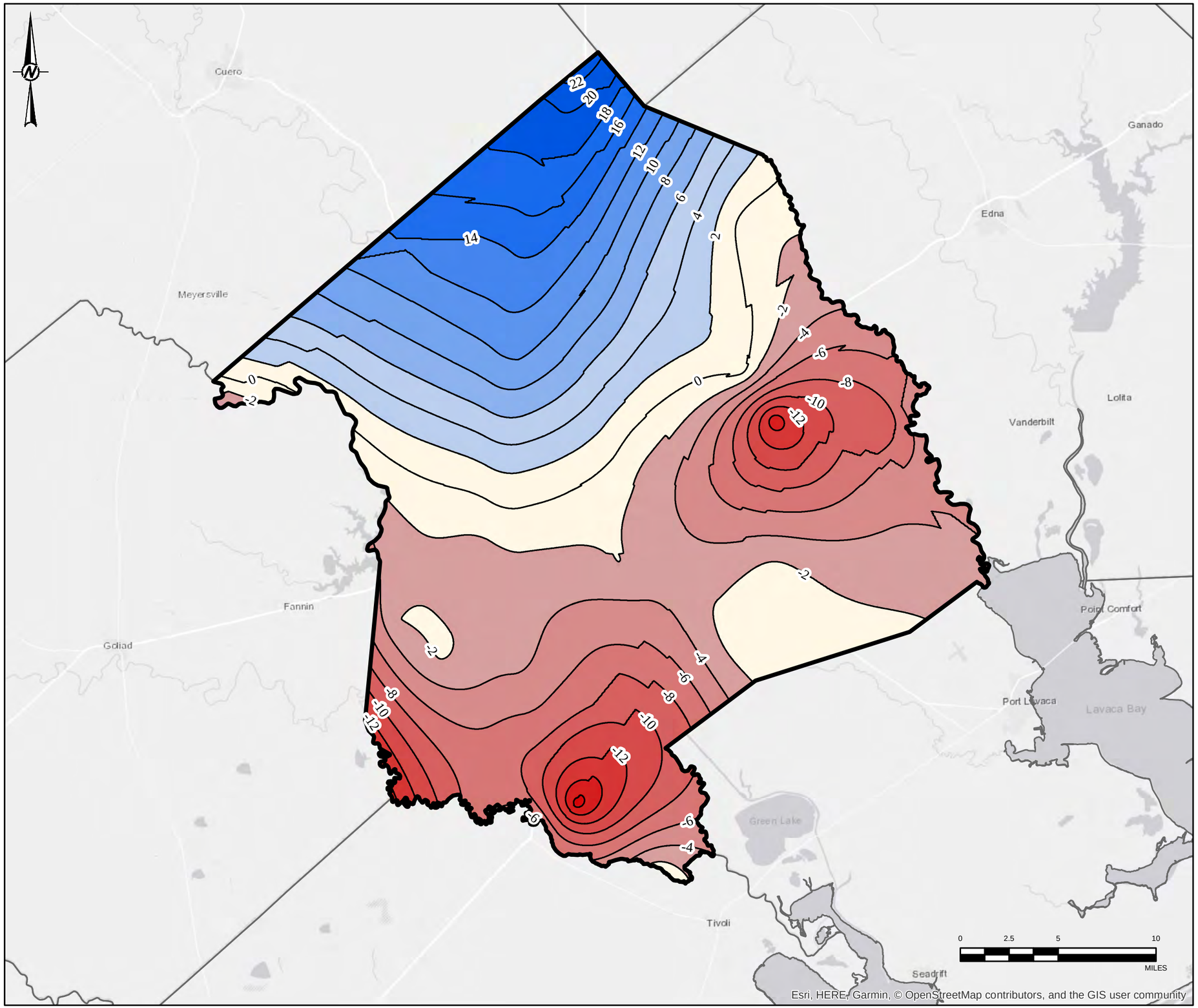
GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A008	0	**5K**

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_AssessmentIA_Report\02_PRODUCTION\MXD\19118447_A008_Chicot_VC_GWElevChange2ft.mxd

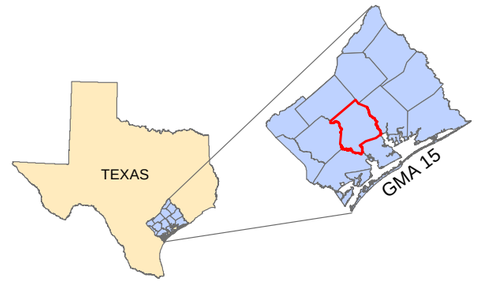


EXPLANATION

GW ELEVATION CHANGE (FT)

CONTOUR INTERVAL: 2'

- +18.1 - +20
- +16.1 - +18
- +14.1 - +16
- +12.1 - +14
- +10.1 - +12
- +8.1 - +10
- +6.1 - +8
- +4.1 - +6
- +2.1 - +4
- +0.1 - +2
- -1.9 - 0
- -3.9 - -2
- -5.9 - -4
- -7.9 - -6
- -9.9 - -8
- -11.9 - -10
- -13.9 - -12
- -15.9 - -14
- -17.9 - -16
- -19.9 - -18
- -21.9 - -20
- -23.9 - -22
- -29.2 - -24



SURFACE STATISTICS
MEAN: +0.2'
MIN: -17.0'
MAX: +22.5'
STD DEV: +7.6'

MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AQUIFER
VICTORIA COUNTY

GROUNDWATER ELEVATION CHANGE (2010 to 2018)

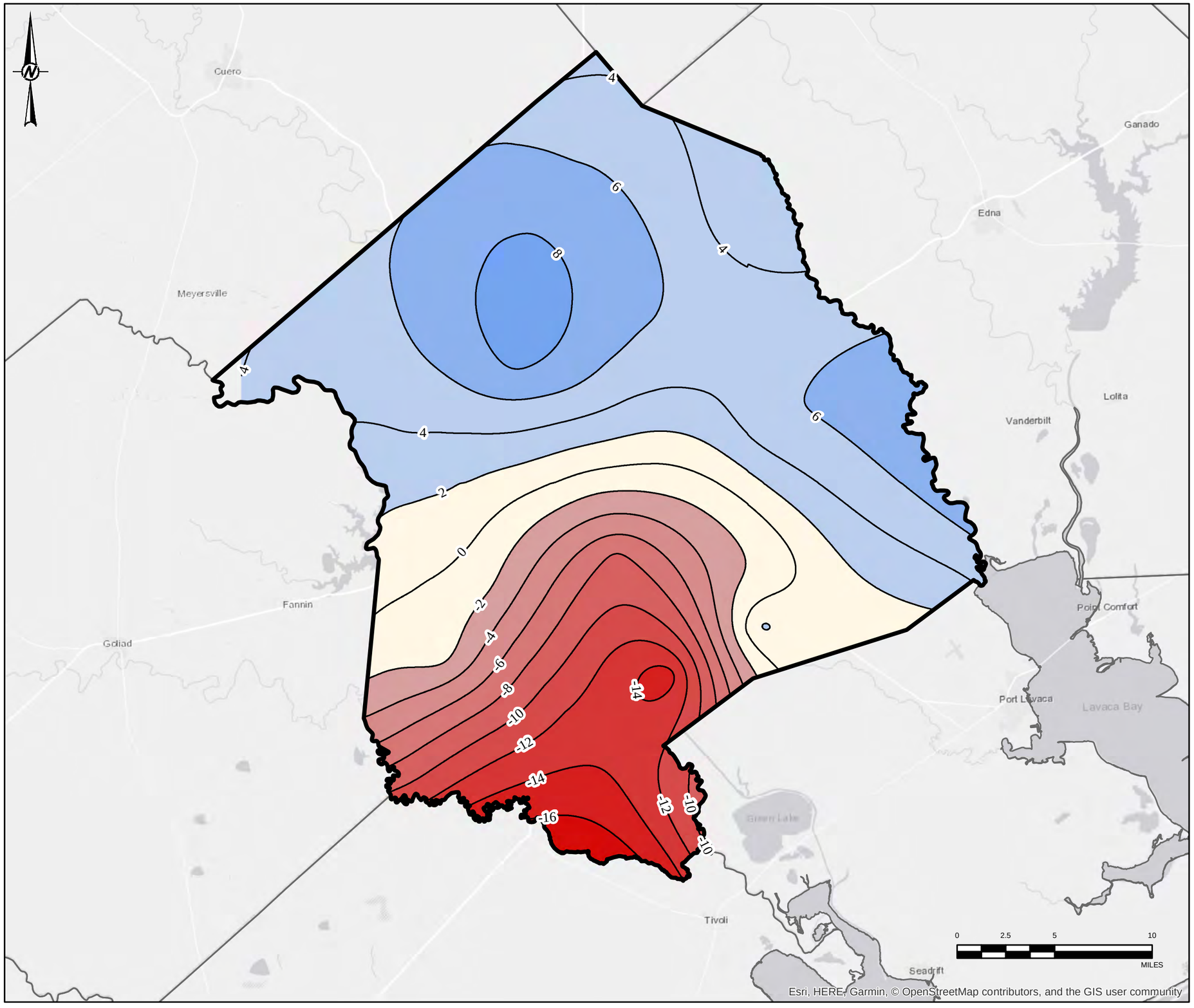
GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A008	0	5L

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_AssessmentA_Report\02_PRODUCTION\MXD\19118447_A008_Chicot_VC_GWElevChange2ft.mxd

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

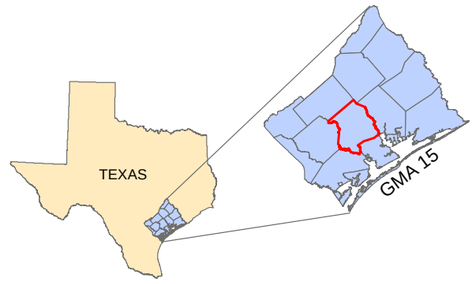


EXPLANATION

GW ELEVATION CHANGE (FT)

CONTOUR INTERVAL: 2'

- +18.1 - +20
- +16.1 - +18
- +14.1 - +16
- +12.1 - +14
- +10.1 - +12
- +8.1 - +10
- +6.1 - +8
- +4.1 - +6
- +2.1 - +4
- +0.1 - +2
- -1.9 - 0
- -3.9 - -2
- -5.9 - -4
- -7.9 - -6
- -9.9 - -8
- -11.9 - -10
- -13.9 - -12
- -15.9 - -14
- -17.9 - -16
- -19.9 - -18
- -21.9 - -20
- -23.9 - -22
- -29.2 - -24



SURFACE STATISTICS
MEAN: +0.5'
MIN: -18.1'
MAX: +8.7'
STD DEV: +6.7'

MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

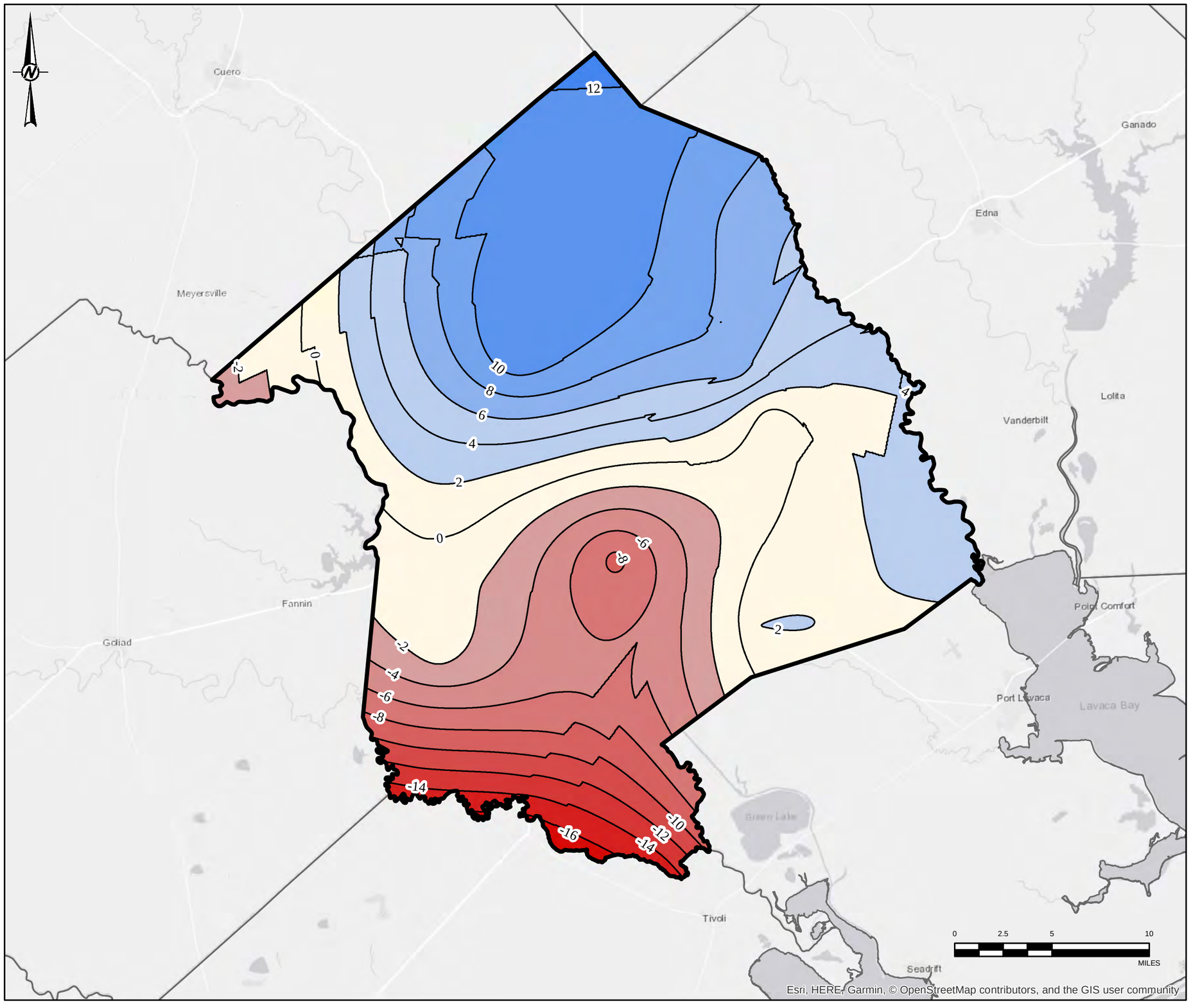
CHICOT AQUIFER
VICTORIA COUNTY

GROUNDWATER ELEVATION CHANGE (2015 to 2017)

GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A008	0	**5M**

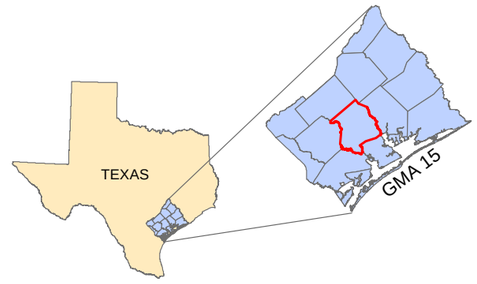


EXPLANATION

GW ELEVATION CHANGE (FT)

CONTOUR INTERVAL: 2'

- +18.1 - +20
- +16.1 - +18
- +14.1 - +16
- +12.1 - +14
- +10.1 - +12
- +8.1 - +10
- +6.1 - +8
- +4.1 - +6
- +2.1 - +4
- +0.1 - +2
- -1.9 - 0
- -3.9 - -2
- -5.9 - -4
- -7.9 - -6
- -9.9 - -8
- -11.9 - -10
- -13.9 - -12
- -15.9 - -14
- -17.9 - -16
- -19.9 - -18
- -21.9 - -20
- -23.9 - -22
- -29.2 - -24



SURFACE STATISTICS
MEAN:+1.6'
MIN:-17.7'
MAX:+12.7'
STD DEV:+6.7'

MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AQUIFER
VICTORIA COUNTY

GROUNDWATER ELEVATION CHANGE (2015 to 2018)

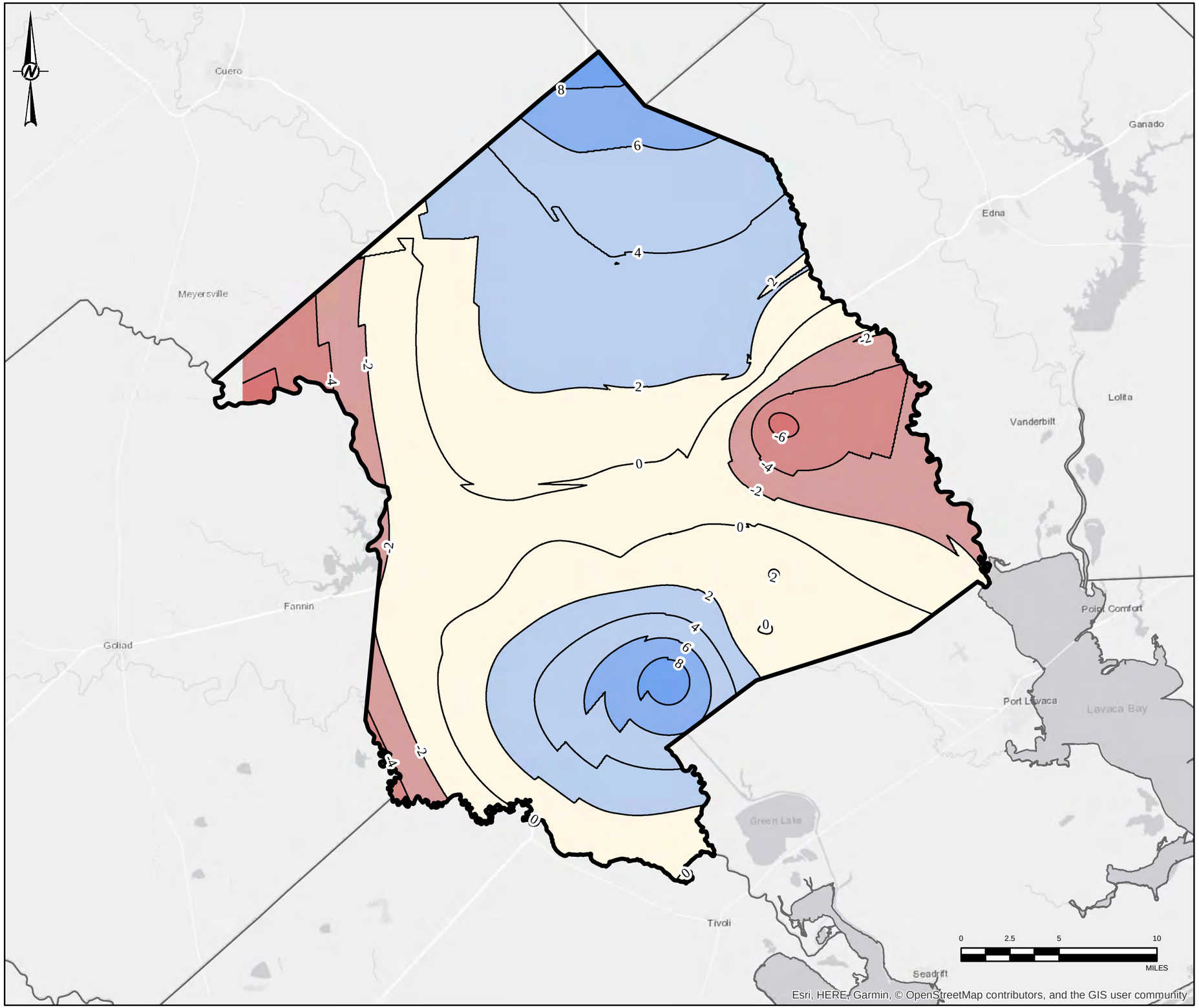
GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A008	0	**5N**

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_AssessmentA_Report\02_PRODUCTION\MXD\19118447_A008_Chicot_VC_GWElevChange2ft.mxd

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

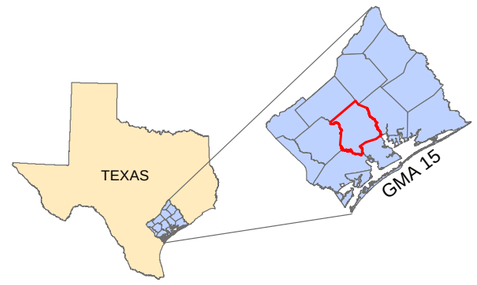


EXPLANATION

GW ELEVATION CHANGE (FT)

CONTOUR INTERVAL: 2'

- +18.1 - +20
- +16.1 - +18
- +14.1 - +16
- +12.1 - +14
- +10.1 - +12
- +8.1 - +10
- +6.1 - +8
- +4.1 - +6
- +2.1 - +4
- +0.1 - +2
- -1.9 - 0
- -3.9 - -2
- -5.9 - -4
- -7.9 - -6
- -9.9 - -8
- -11.9 - -10
- -13.9 - -12
- -15.9 - -14
- -17.9 - -16
- -19.9 - -18
- -21.9 - -20
- -23.9 - -22
- -29.2 - -24



SURFACE STATISTICS
MEAN: +1.1'
MIN: -6.9'
MAX: +9.9'
STD DEV: +3.0'

MAP PARAMETERS
INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AQUIFER
VICTORIA COUNTY

GROUNDWATER ELEVATION CHANGE (2017 to 2018)

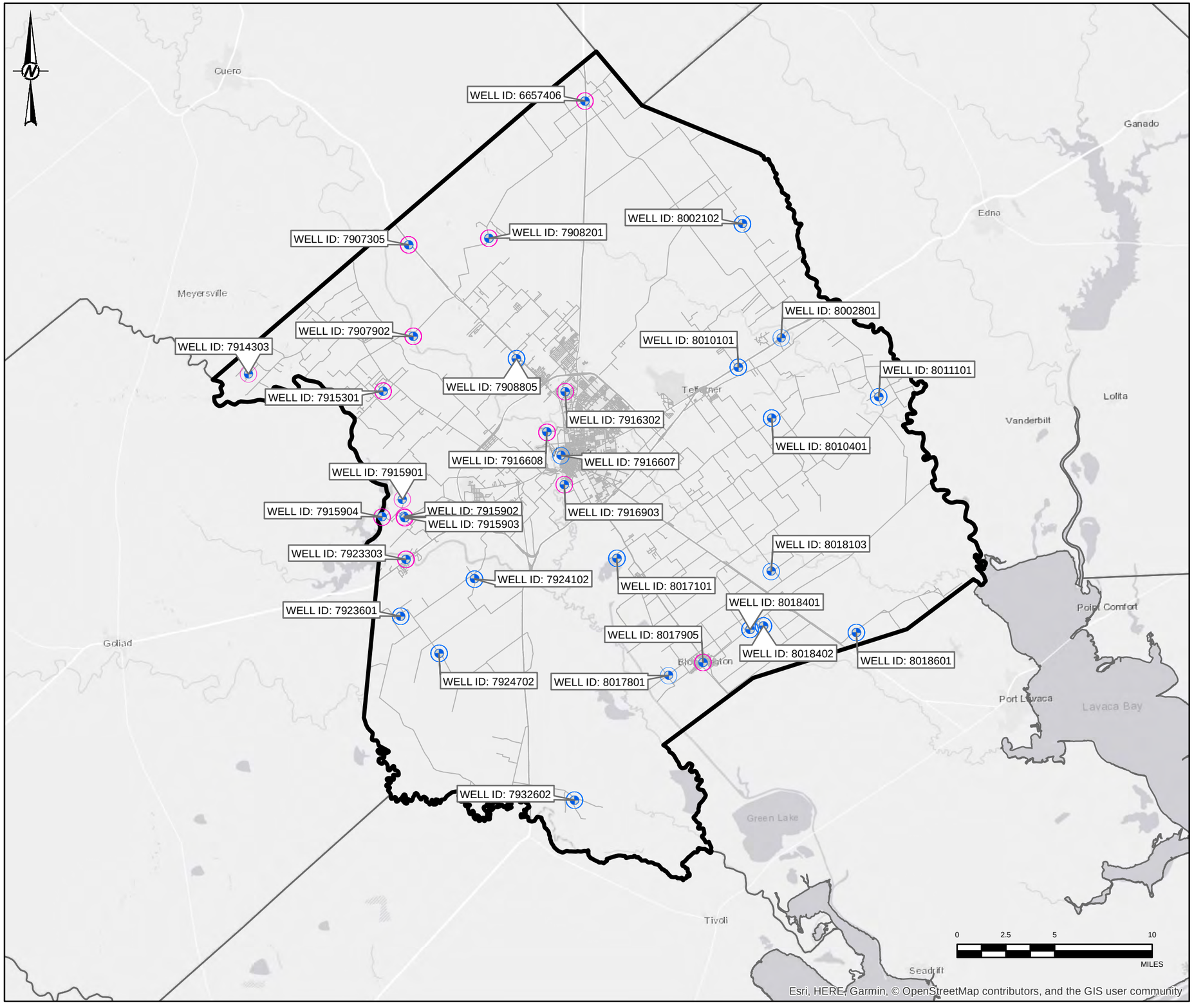
GOLDER

YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A008	0	5O

PATH: G:\PROJECTS\Victoria_County_GCD\99_PROJECTS\19118447_2018_GW_AssessmentA_Report\02_PRODUCTION\MXD\19118447_A008_Chicot_VC_GWElevChanges2ft.mxd

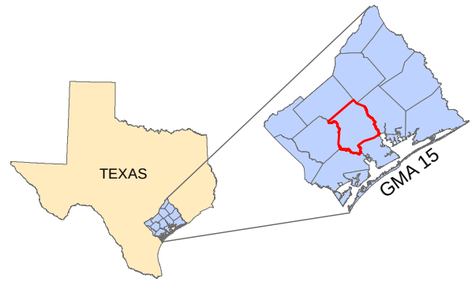
IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B



EXPLANATION

OBSERVATION WELLS BY AQUIFER

- CHICOT AQUIFER WELL
- EVANGELINE AQUIFER WELL



NOTES

THE DATASET USED TO CREATE THIS FIGURE WAS ACQUIRED FROM THE TEXAS WATER DEVELOPMENT BOARD. WELL ICONS DEPICT DEPTH TO WATER (DTW) MEASUREMENT LOCATIONS COLLECTED IN JANUARY, FEBRUARY, OR MARCH BETWEEN 2000 AND 2018 IN VICTORIA COUNTY.

MAP PARAMETERS

INTERPOLATION: KRIGING
PARAMETERS: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
UNITS: (LINEAR - FEET) (VERTICAL - FEET AMSL)
GEOGRAPHIC COORDINATE SYSTEM: NAD 1983
SPHEROID: GEODETIC REFERENCE SYSTEM 1980

VICTORIA COUNTY GCD

VICTORIA, TEXAS

CHICOT AND EVANGELINE AQUIFERS
VICTORIA COUNTY

HISTORICAL AND CURRENT OBSERVATIONS WELLS

GOLDER

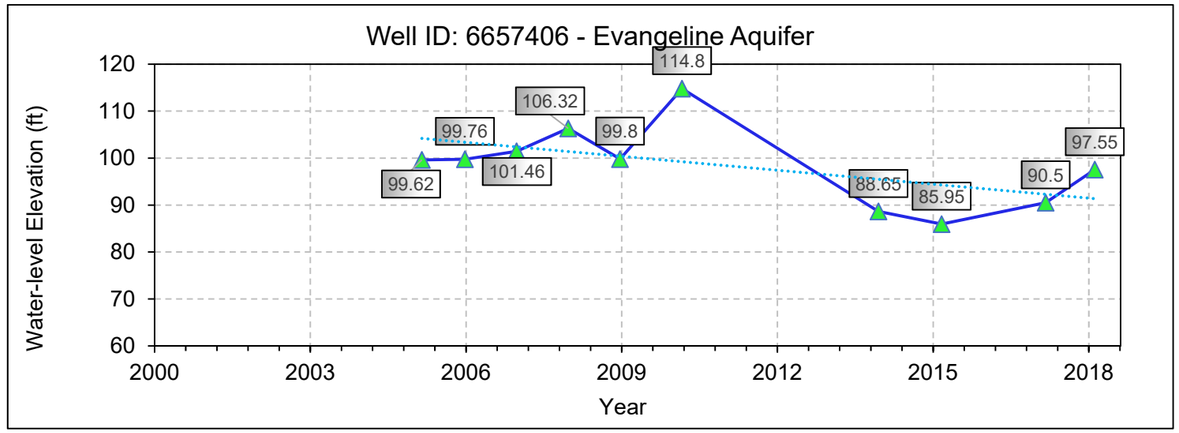
YYYY-MM-DD	2019-08-23
DESIGNED	NRL
PREPARED	NRL
REVIEWED	MKW
APPROVED	MKW

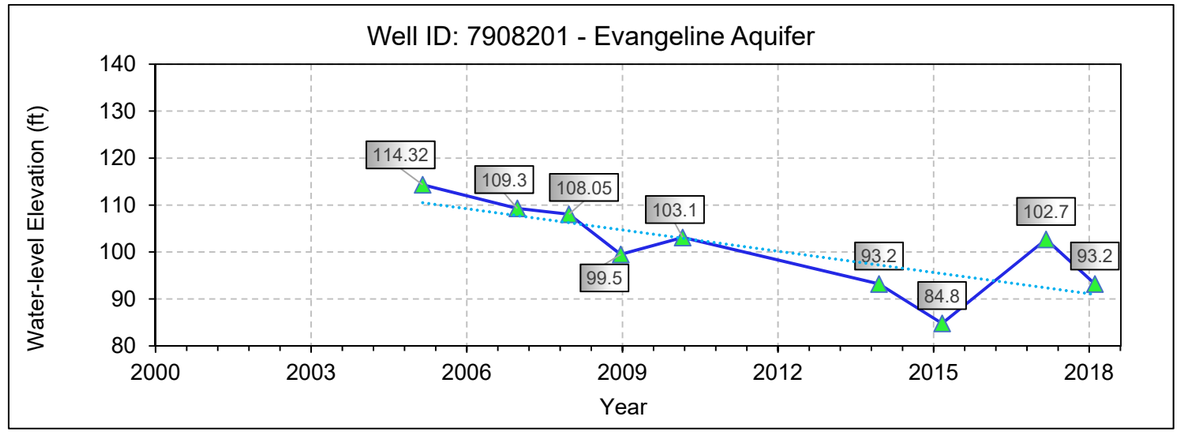
PROJECT NO.	CONTROL	REV.	FIGURE
19118447	A009	0	6

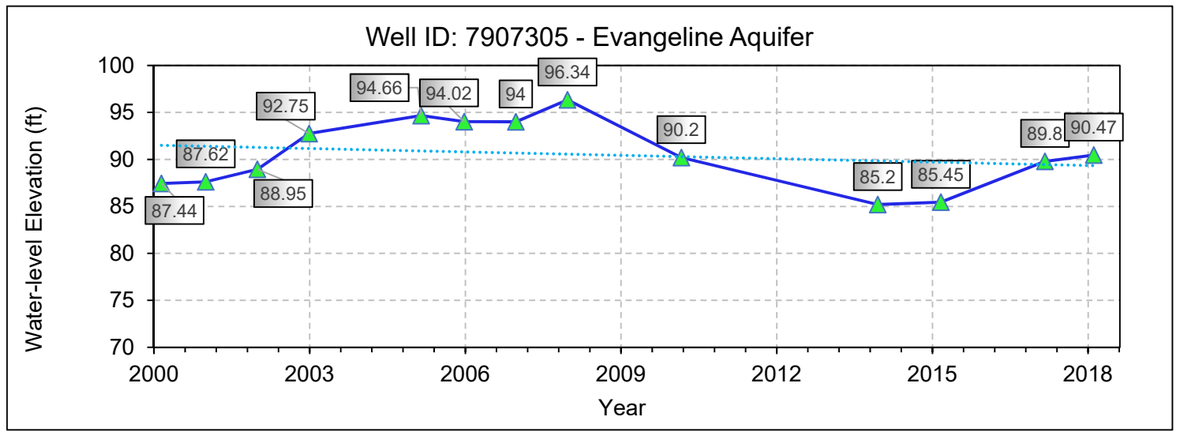
IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANSI B

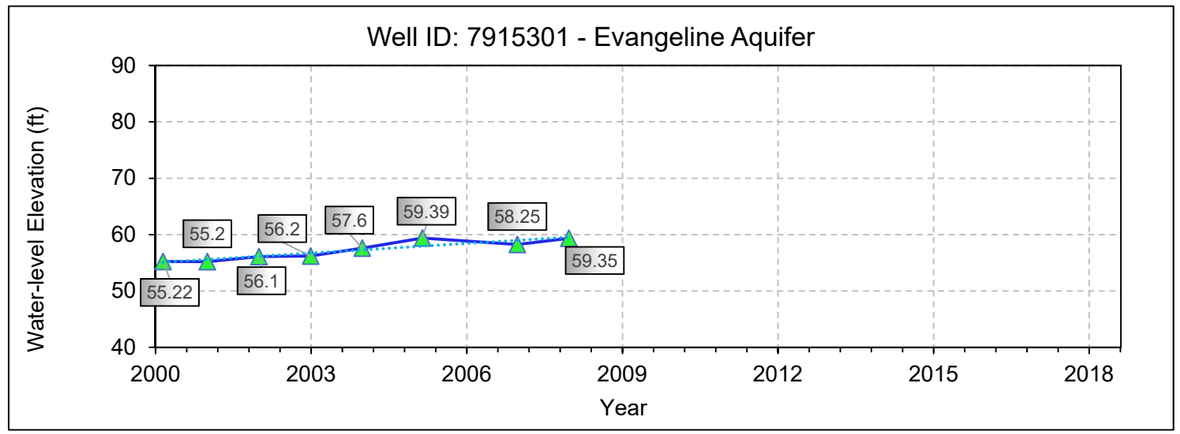
PATH: G:\PROJECTS\Victoria_County_GCD\09_PROJECTS\19118447_2018_GW_AssessmentA_Report\02_PRODUCTION\MXD\19118447_A009_VC_Wells.mxd

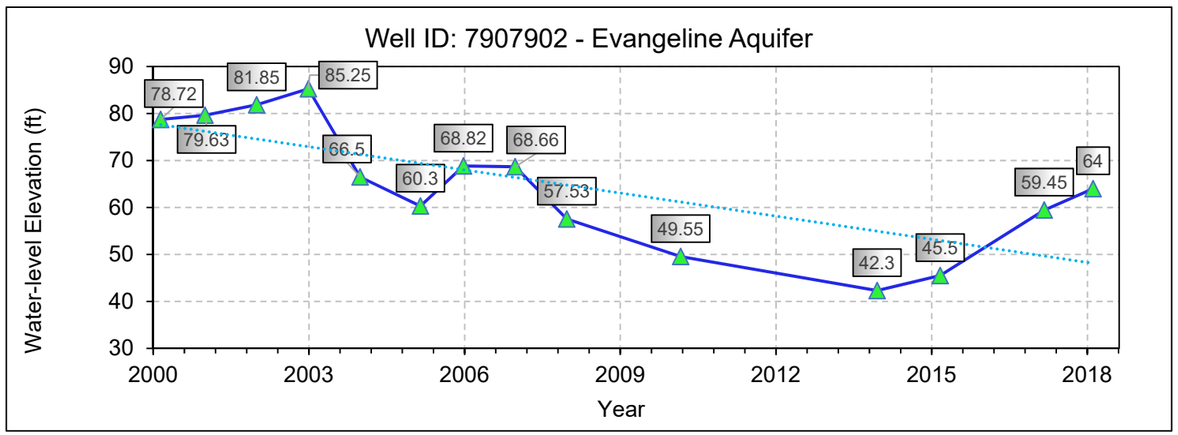
Figure 7-A
HYDROGRAPHS SHOWING WATER-LEVEL ELEVATION CHANGE (FEET AMSL) FOR WELLS COMPLETED IN THE EVANGELINE AQUIFER

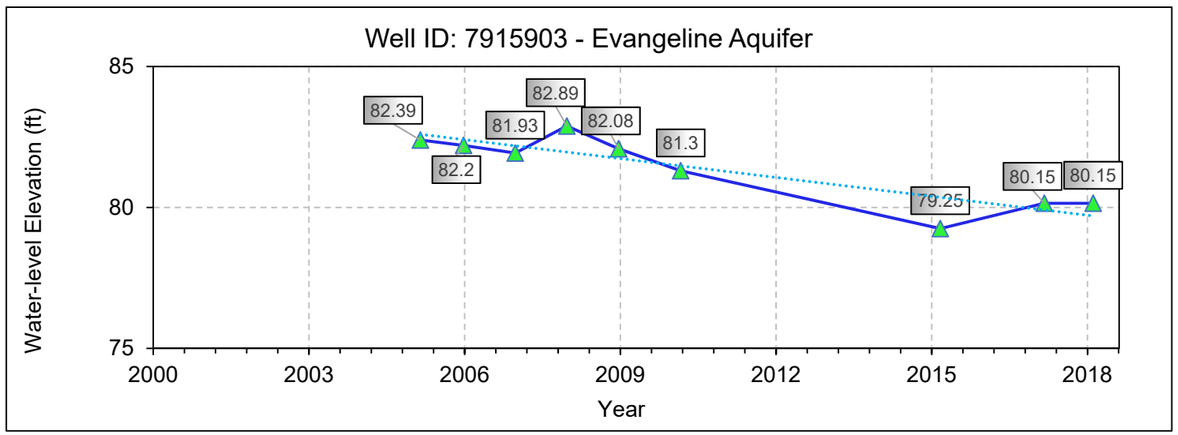








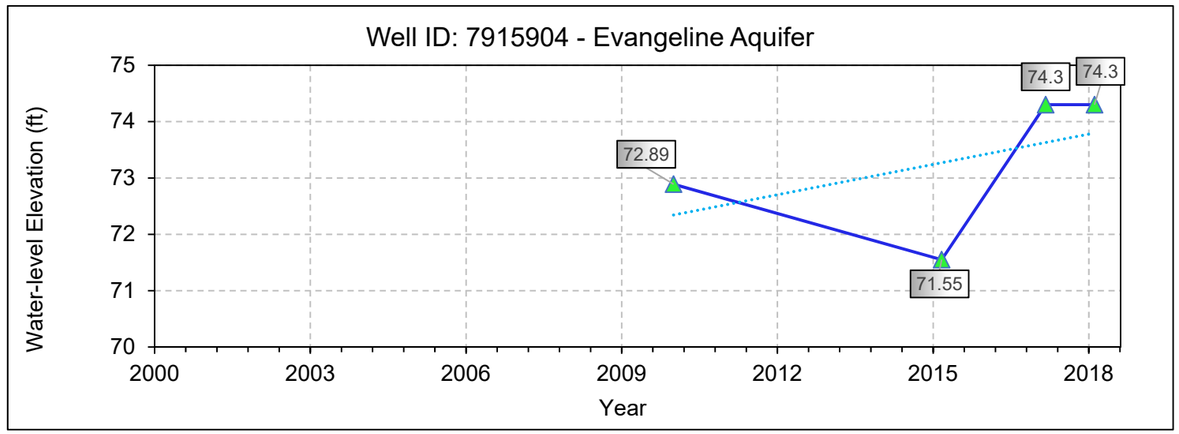


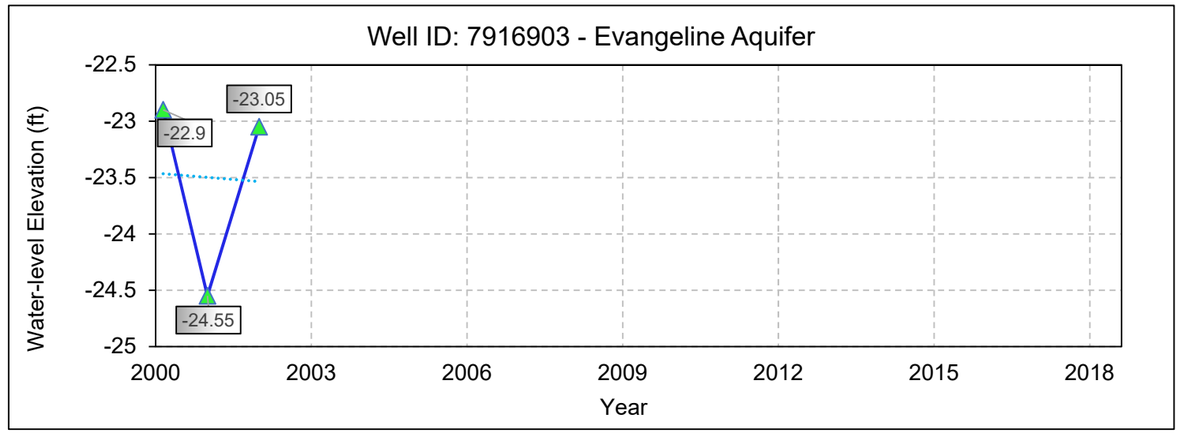


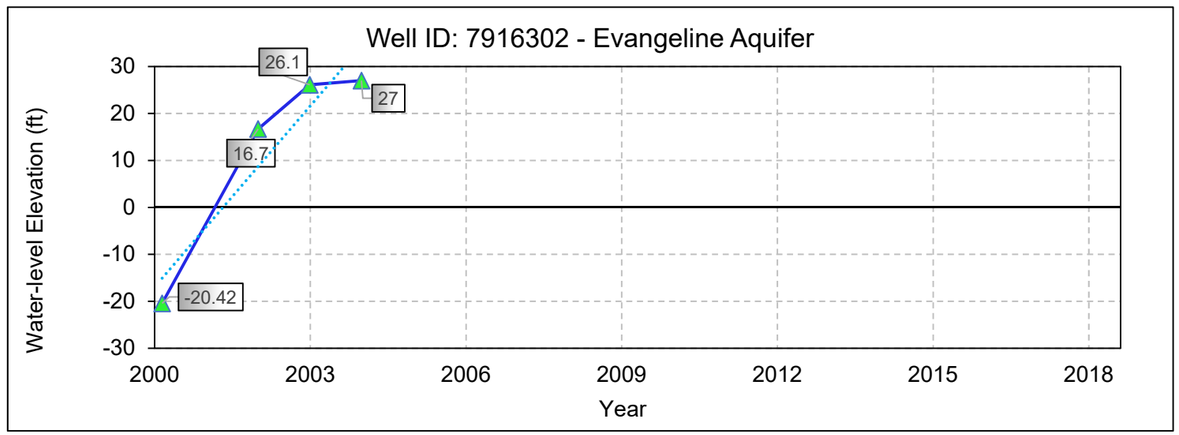
NOTE: THE DATASET USED TO CREATE THESE GRAPHS WAS ACQUIRED FROM THE TEXAS WATER DEVELOPMENT BOARD.
WATER-LEVEL MEASUREMENTS WERE COLLECTED IN JANUARY, FEBRUARY, OR MARCH BETWEEN 2000 AND 2018 IN VICTORIA COUNTY, TX.

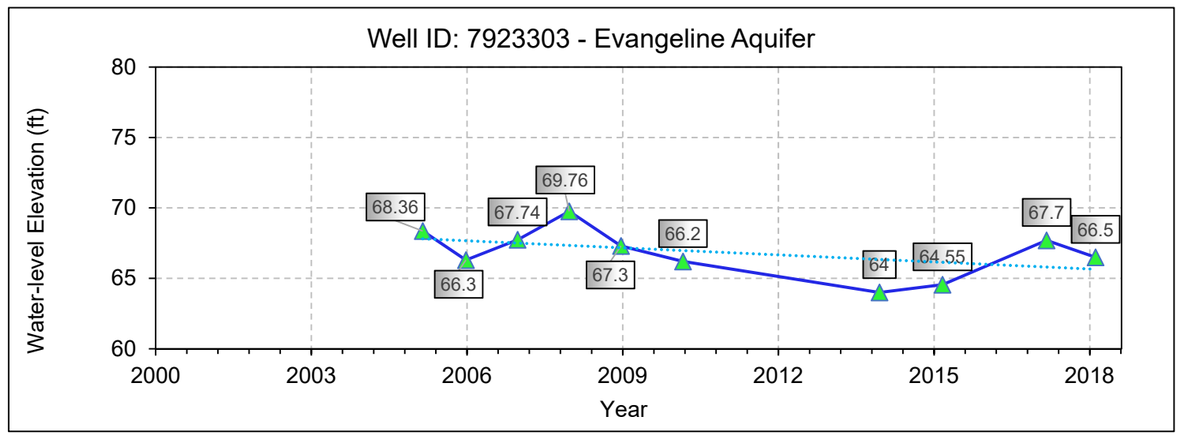
GOLDER

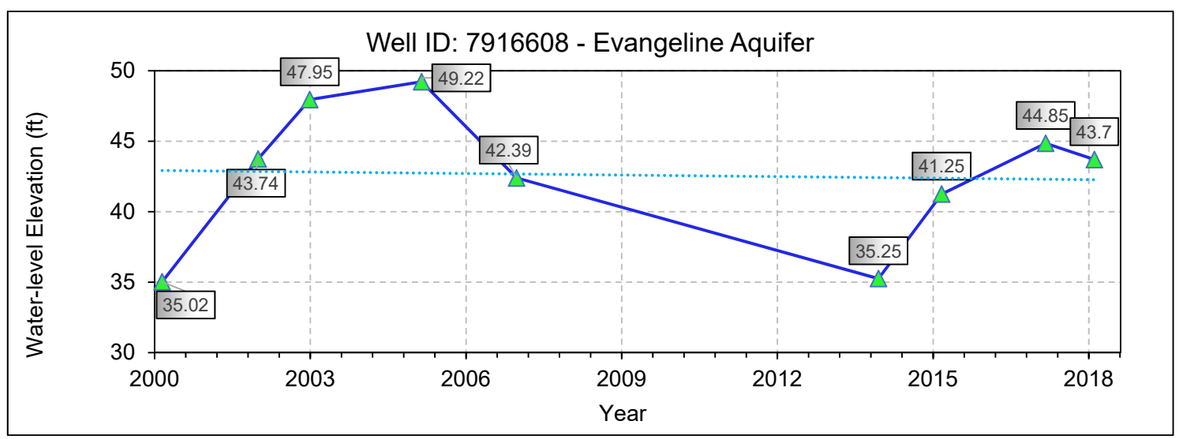
Figure 7-B
HYDROGRAPHS SHOWING WATER-LEVEL ELEVATION CHANGE (FEET AMSL) FOR WELLS COMPLETED IN THE EVANGELINE AQUIFER

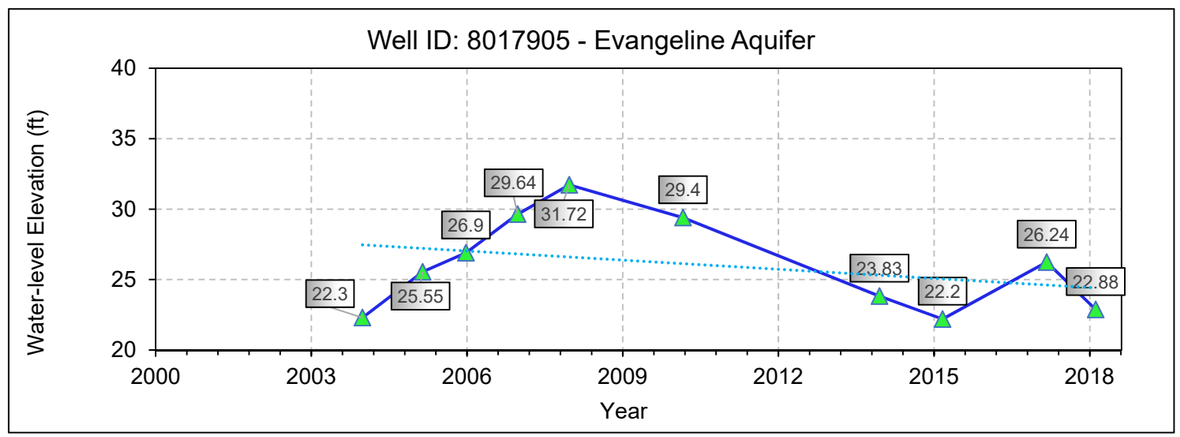








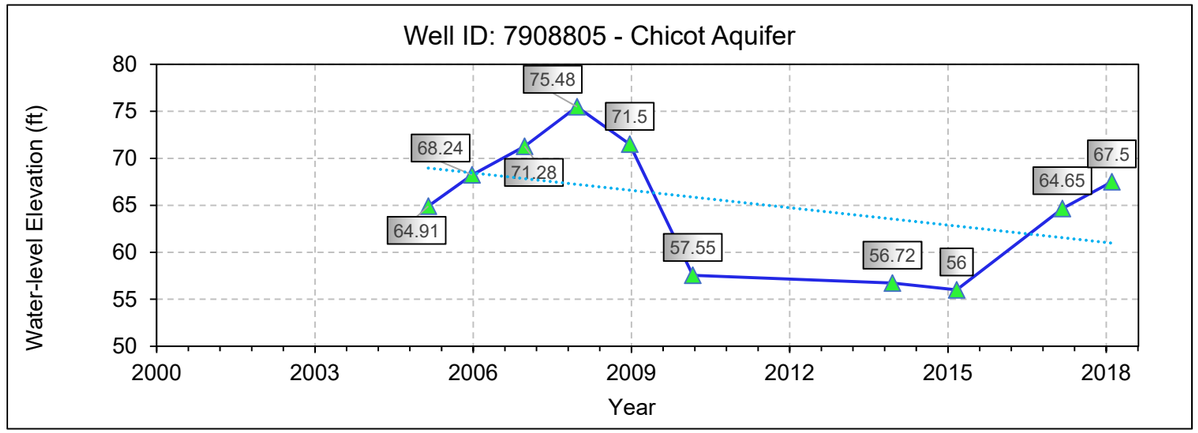


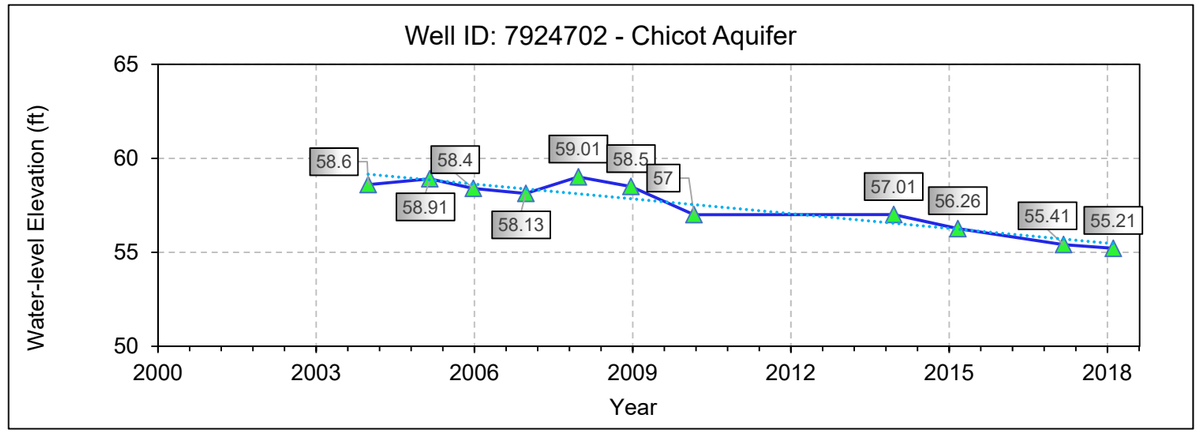


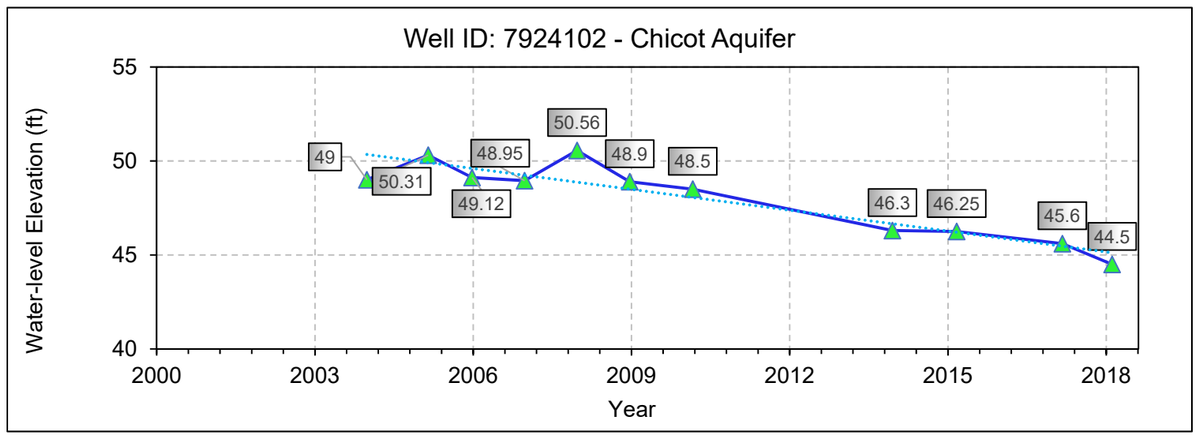
NOTE: THE DATASET USED TO CREATE THESE GRAPHS WAS ACQUIRED FROM THE TEXAS WATER DEVELOPMENT BOARD.
WATER-LEVEL MEASUREMENTS WERE COLLECTED IN JANUARY, FEBRUARY, OR MARCH BETWEEN 2000 AND 2018 IN VICTORIA COUNTY, TX.

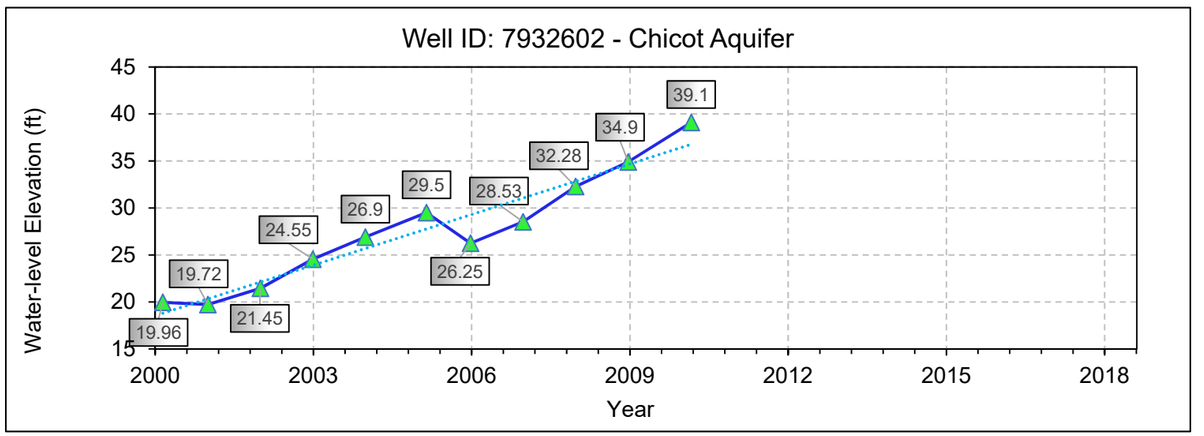
GOLDER

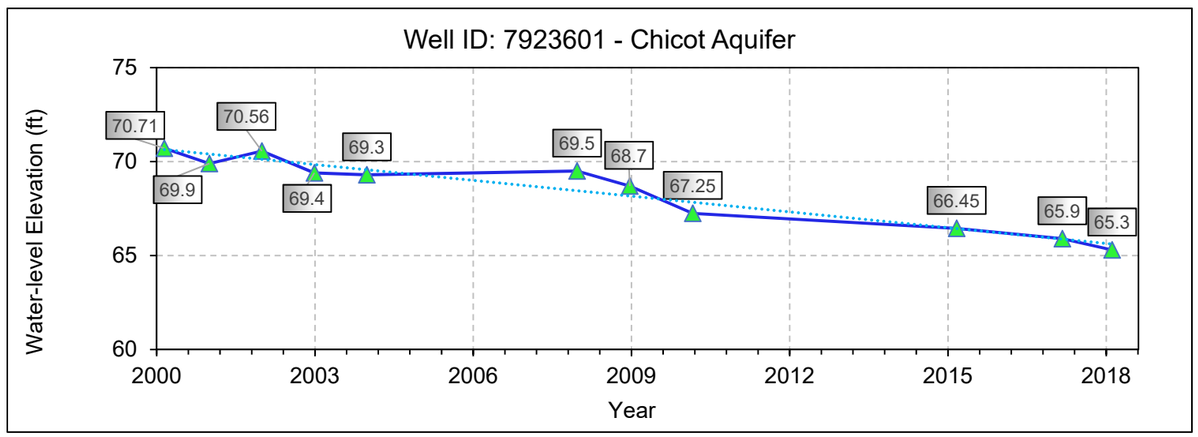
Figure 7-C
HYDROGRAPHS SHOWING WATER-LEVEL ELEVATION CHANGE (FEET AMSL) FOR WELLS COMPLETED IN THE EVANGELINE AQUIFER

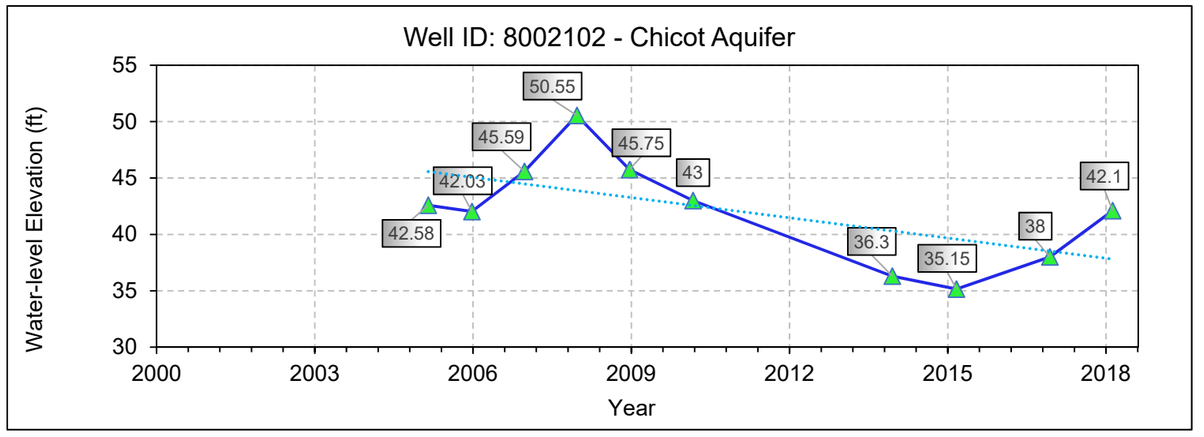








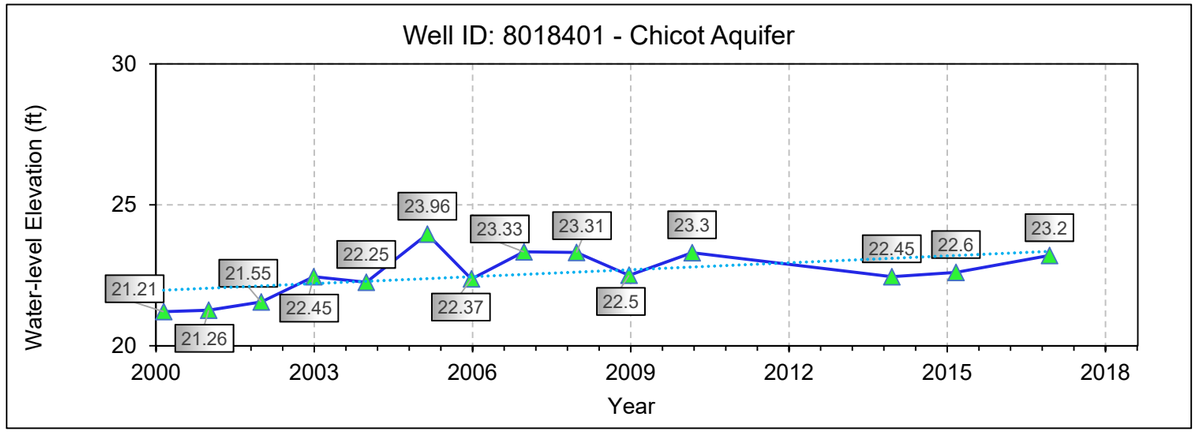


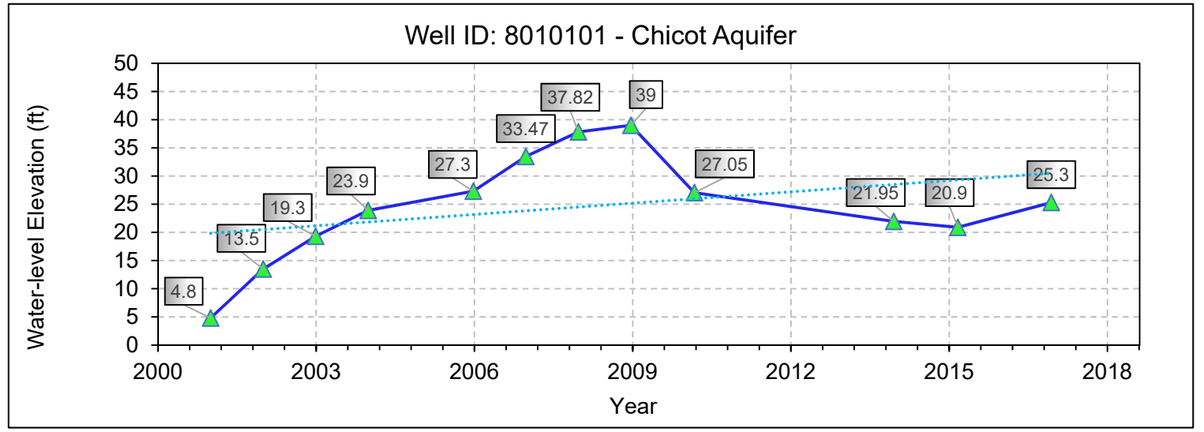


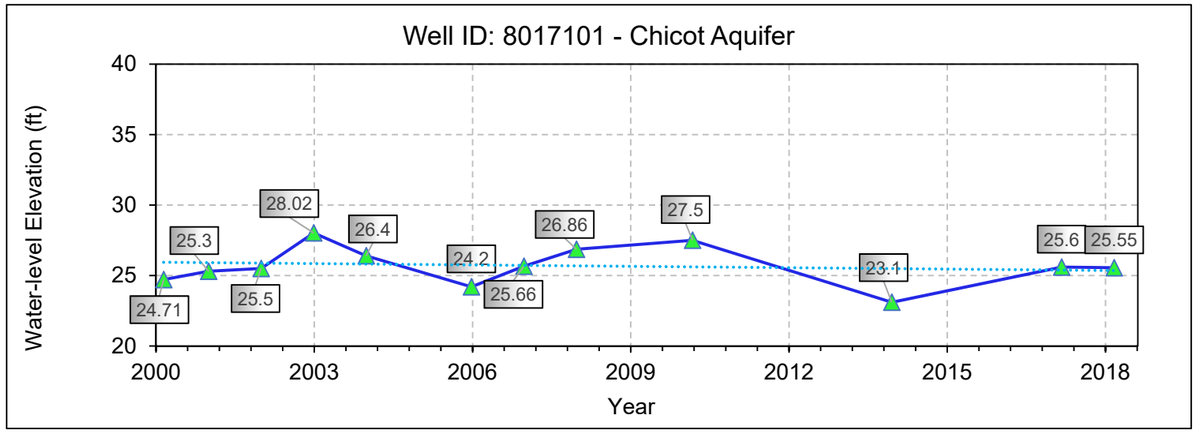
NOTE: THE DATASET USED TO CREATE THESE GRAPHS WAS ACQUIRED FROM THE TEXAS WATER DEVELOPMENT BOARD.
WATER-LEVEL MEASUREMENTS WERE COLLECTED IN JANUARY, FEBRUARY, OR MARCH BETWEEN 2000 AND 2018 IN VICTORIA COUNTY, TX.

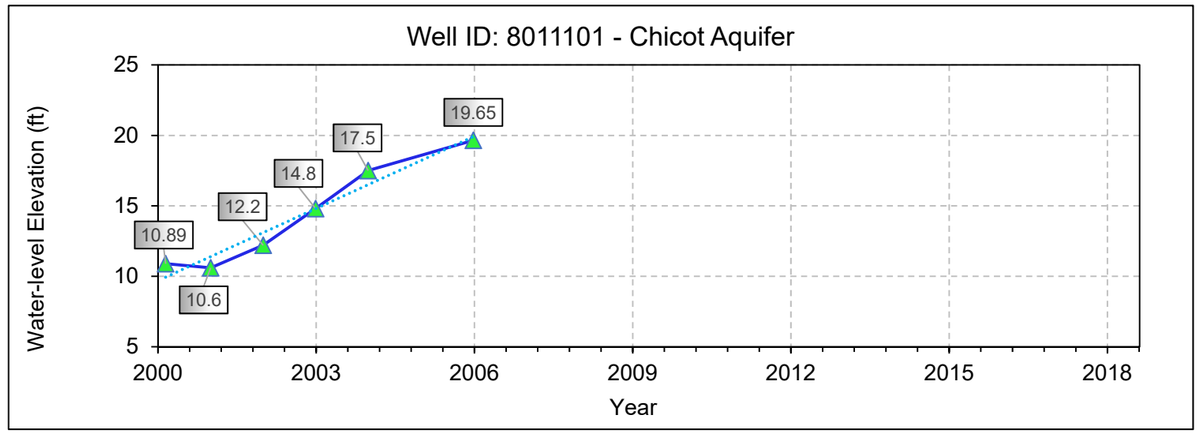
GOLDER

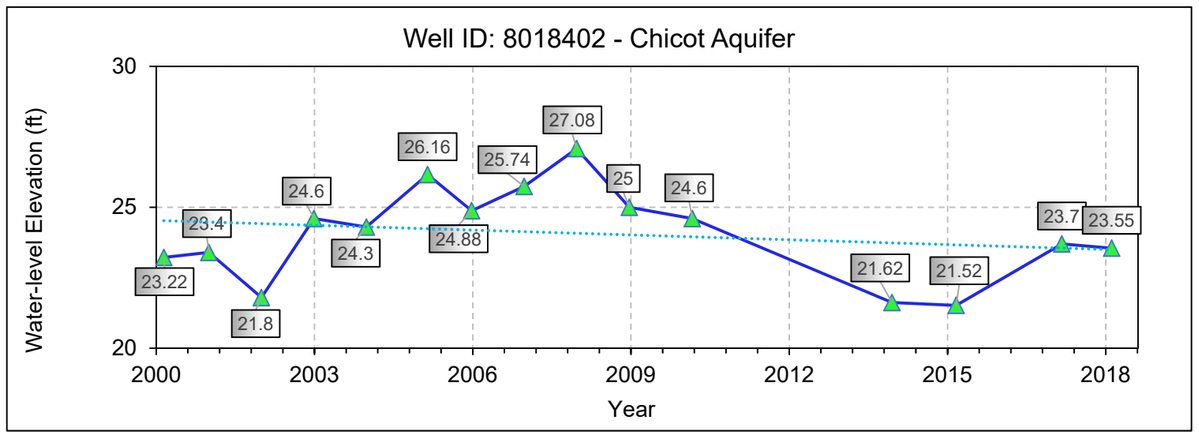
Figure 7-D
HYDROGRAPHS SHOWING WATER-LEVEL ELEVATION CHANGE (FEET AMSL) FOR WELLS COMPLETED IN THE EVANGELINE AQUIFER

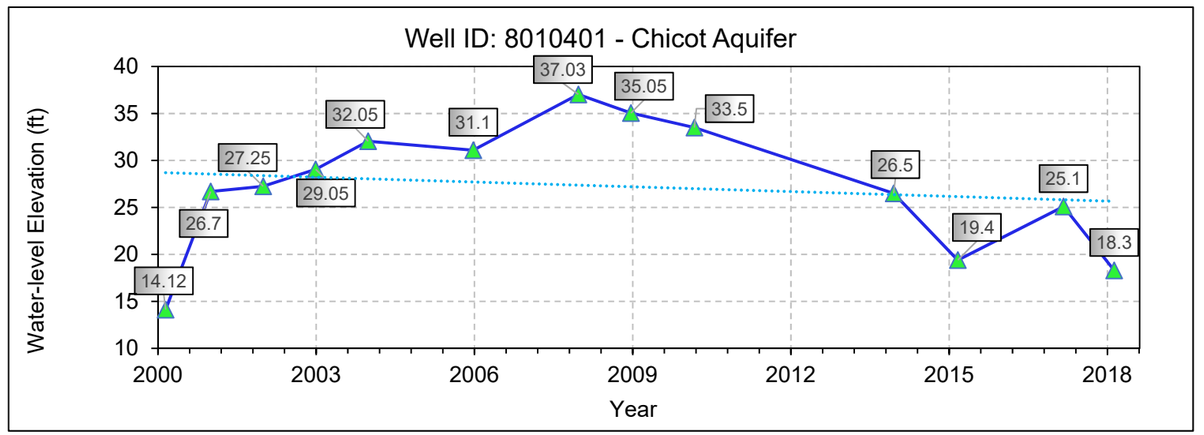












NOTE: THE DATASET USED TO CREATE THESE GRAPHS WAS ACQUIRED FROM THE TEXAS WATER DEVELOPMENT BOARD.
WATER-LEVEL MEASUREMENTS WERE COLLECTED IN JANUARY, FEBRUARY, OR MARCH BETWEEN 2000 AND 2018 IN VICTORIA COUNTY, TX.

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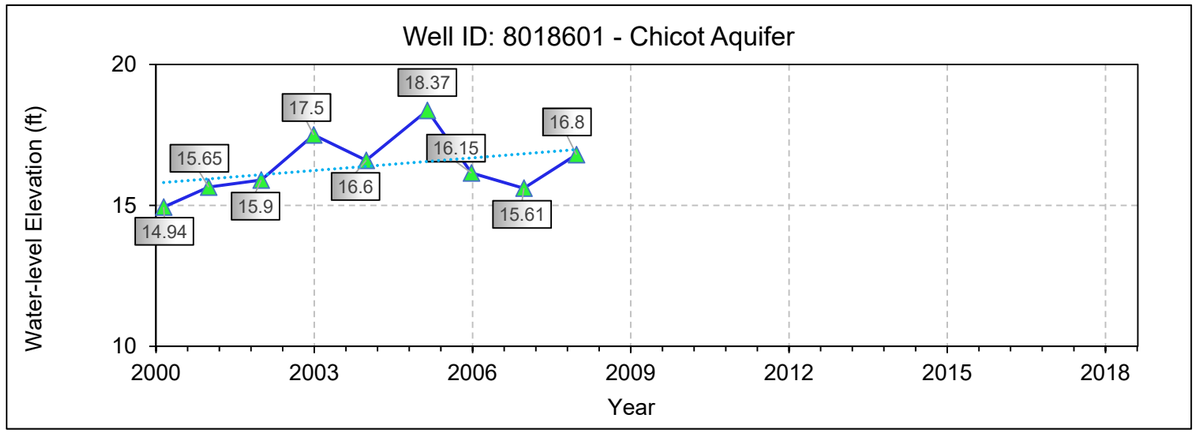
Figure 7-E
HYDROGRAPHS SHOWING WATER-LEVEL ELEVATION CHANGE (FEET AMSL) FOR WELLS COMPLETED IN THE EVANGELINE AQUIFER



NOTE: THE DATASET USED TO CREATE THESE GRAPHS WAS ACQUIRED FROM THE TEXAS WATER DEVELOPMENT BOARD.
WATER-LEVEL MEASUREMENTS WERE COLLECTED IN JANUARY, FEBRUARY, OR MARCH BETWEEN 2000 AND 2018 IN VICTORIA COUNTY, TX.

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