



**General Manager's Annual Report on
District Activities**

January 1, 2022 through December 31, 2022

PERMITS / REGISTRATIONS ISSUED

	<u>2020</u>	<u>2021</u>	<u>2022</u>
<u>DRILLING & PRODUCTION PERMITS</u>			
ATASCOSA	34	18	14
FRIO	28	17	20
KARNES	39	7	5
WILSON	13	13	8
TOTAL	114	55	47
<u>RENEWALS</u>			
ATASCOSA	41		47
FRIO	9		24
KARNES	8		53
WILSON	14		13
TOTAL	72	497	137
<u>EXEMPT WELL REGISTRATIONS</u>			
ATASCOSA	76	128	116
FRIO	33	83	53
KARNES	59	86	73
WILSON	120	197	171
TOTAL	288	494	413

Evergreen UWCD Total Pumpage 2022 (ACRE-FT)

	AGRICULTURE	PUBLIC SUPPLY	OIL & GAS	INDUSTRIAL	COUNTY TOTALS	
Atascosa	16,252	8,444	3,733	7,834	36,263	
Frio	24,038	2,985			27,023	
Karnes	2,776	2,991	4,756	730	11,253	
Wilson	11,025	9,366		960	21,351	TOTAL PUMPAGE 2021
Sub-Total	54,091	23,785	8,489	9,524	95,889	95,889 Acre Ft

TWDB Estimated Irrigation 2020(ACRE-FT)

Atascosa	24,940
Frio	63,806
Karnes	805
Wilson	10,795
	100,346

2022 Public Supply Pumping Totals

<u>ATASCOSA</u>	<u>GALLONS</u>	<u>ACRE-FT</u>
BENTON CITY	942,270,000	2,891.7
CHARLOTTE	97,994,000	300.7
CHRISTINE	15,823,080	48.6
EL OSO FASHING-PEGGY	23,440,100	71.9
JOURDANTON	219,943,900	675.0
LYTLE	181,112,000	555.8
McCOY WSC	426,865,700	1,310.0
PLEASANTON	718,051,000	2,203.6
POTEET	125,834,000	386.2
COUNTY TOTAL:	2,751,333,780	8,443.5
<u>FRIO</u>		
DILLEY	398,664,000	1,223.5
PEARSALL	573,954,000	1,761.4
MOORE WSC	42,193,700	129.5
COUNTY TOTAL:	1,014,811,700	2,984.9
<u>KARNES</u>		
FALLS CITY	42,461,000	130.3
KARNES CITY	137,416,000	421.7
KENEDY	644,970,000	1,979.3
RUNGE	46,438,000	142.5
EL OSO (CATAHOULA)	103,170,000	316.6
COUNTY TOTAL:	974,455,000	2,990.5
<u>WILSON</u>		
AQUA TEXAS	92,148,000	282.8
ARROWHEAD	7,482,700	23.0
C-WILLOW	33,650,300	103.3
HICKORY HILL	15,486,520	47.5
SHADY OAKS	14,456,625	44.4
EL OSO (CARRIZO)	295,145,000	905.8
FLORESVILLE	331,061,000	1,016.0
LA VERNIA	155,218,047	476.3
NIXON	147,676,100	453.2
OAK HILLS	327,400,000	1,004.8
PICOSA WATER SUPPLY	86,805,400	266.4
POTH	112,547,000	345.4
SS WATER SUPPLY	834,555,000	2,561.2
STOCKDALE	239,329,000	734.5
SUNKO	234,385,000	719.3
THREE OAKS	124,523,000	382.1
COUNTY TOTAL:	3,051,868,692	9,365.8
DISTRICT TOTALS:	7,792,469,172	23,784.7

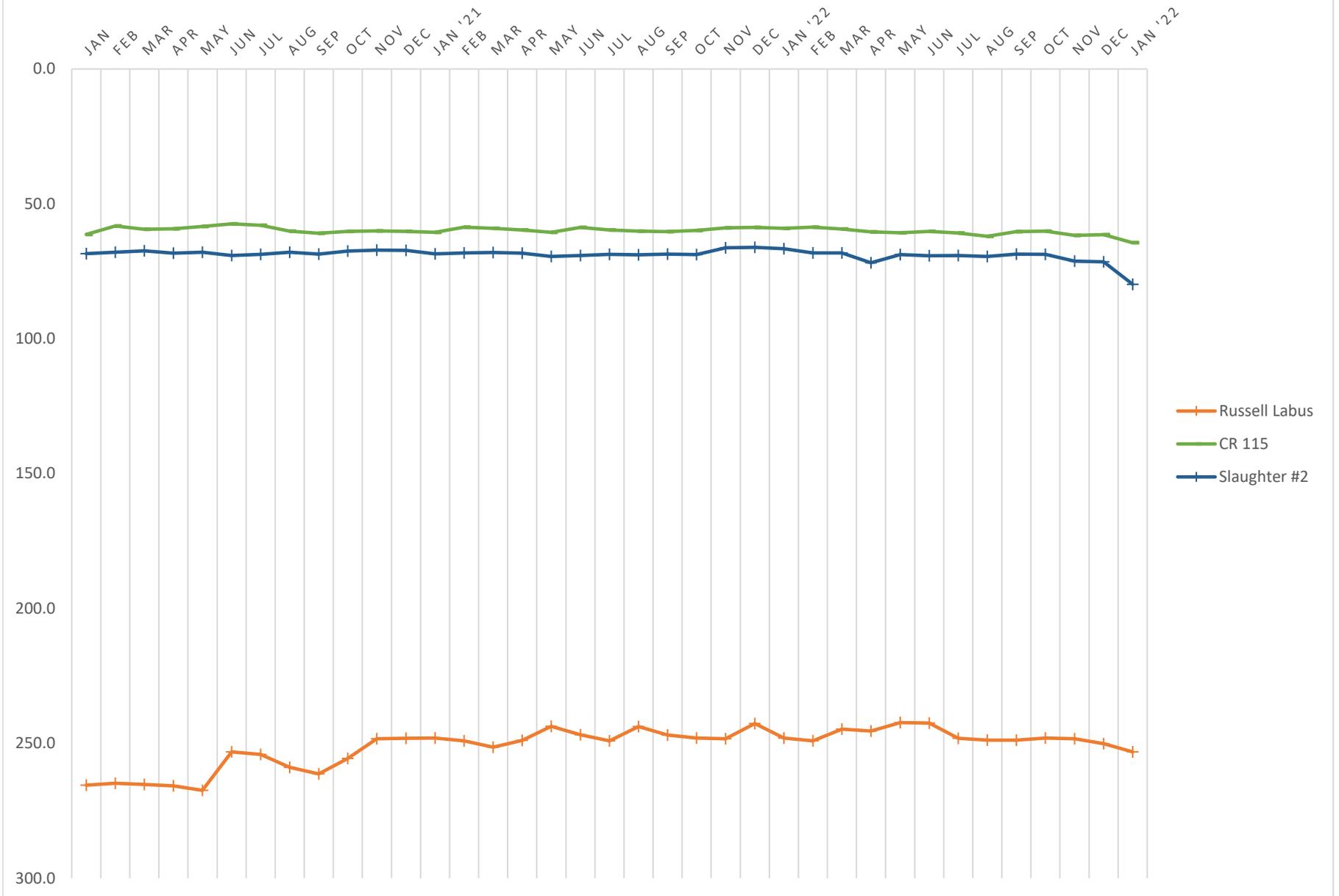
EVERGREEN UWCD 2022 OIL AND GAS PUMPING REPORT

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<u>COUNTY</u>	<u>ACRE*FT</u>									
KARNES	6869	12892	6195	4540	8156	8538	611	1106	7186	4756
ATASCOSA	1898	5982	2038	4268	3044	5119	1609	2525	4054	3733
WILSON	967	636	61	4	0	24	2	2	1	0
FRIO	0	142	0	28	165	24	1640	832	148	0
Total	9734	19652	8294	8840	11365	13705	3862	4464	11390	8489

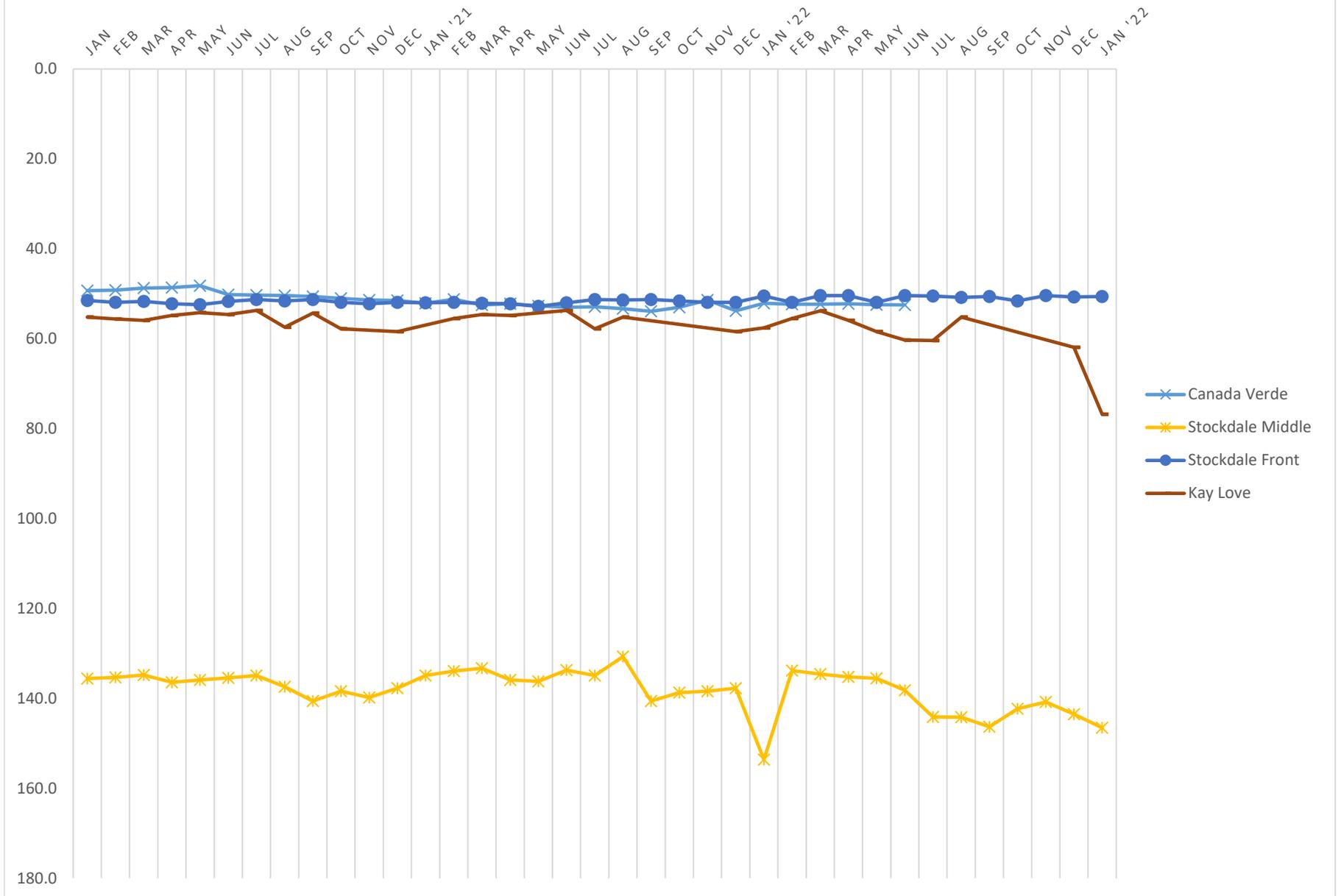
MONITOR WELL LEVELS EAST 2022

	WELL OWNER	AQUIFER	COUNTY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN '22
1	Canada Verde	Carrizo	Wilson	52.2	52.3	52.3	52.2	52.4	52.5	N/A						
2	Stockdale - Middle	Carrizo	Wilson	134.9	133.8	134.6	135.2	135.5	138.2	144.1	144.2	146.3	142.3	140.8	143.5	146.5
3	Stockdale - Front	Queen City	Wilson	52.0	51.9	50.4	50.4	51.9	50.4	50.5	50.8	50.6	51.6	50.4	50.7	50.6
4	Russell Labus	Catahoula	Karnes	248.0	249.1	244.7	245.4	242.3	242.5	248.1	248.8	248.8	248.0	248.3	250.1	253.1
5	CR 115	Jasper	Karnes	60.5	58.6	59.3	60.4	60.7	60.2	60.8	62.0	60.3	60.1	61.7	61.4	64.4
6	Slaughter #2	Jasper	Karnes	68.5	68.2	68.2	71.8	68.8	69.2	69.1	69.5	68.6	68.7	71.2	71.5	79.8
7	Kay Love	Carrizo	Wilson	N/A	55.5	53.8	55.9	58.4	60.3	60.4	55.2	N/A	N/A	N/A	61.9	76.8

KARNES 2022 WATER LEVELS



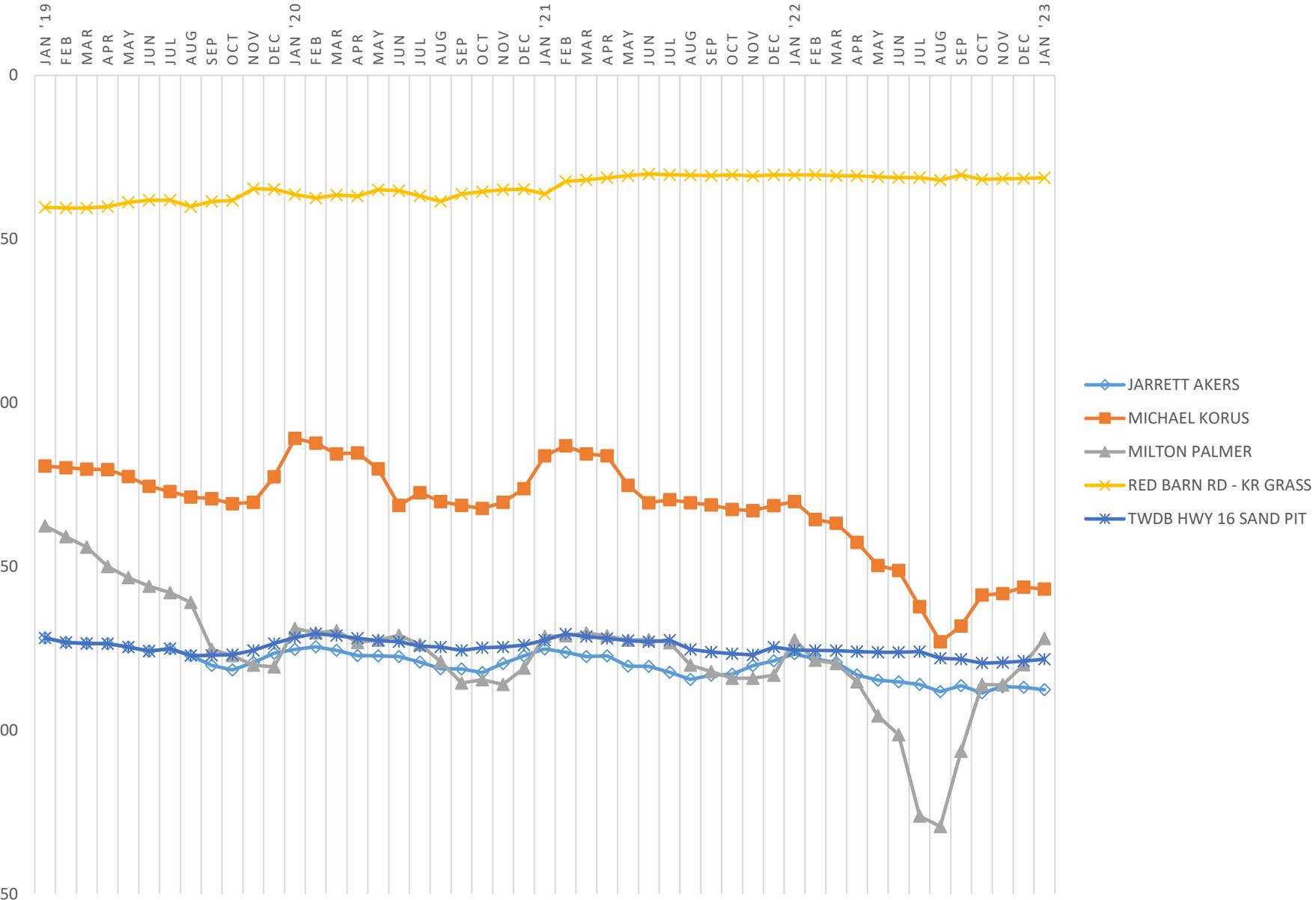
WILSON 2022 WATER LEVELS



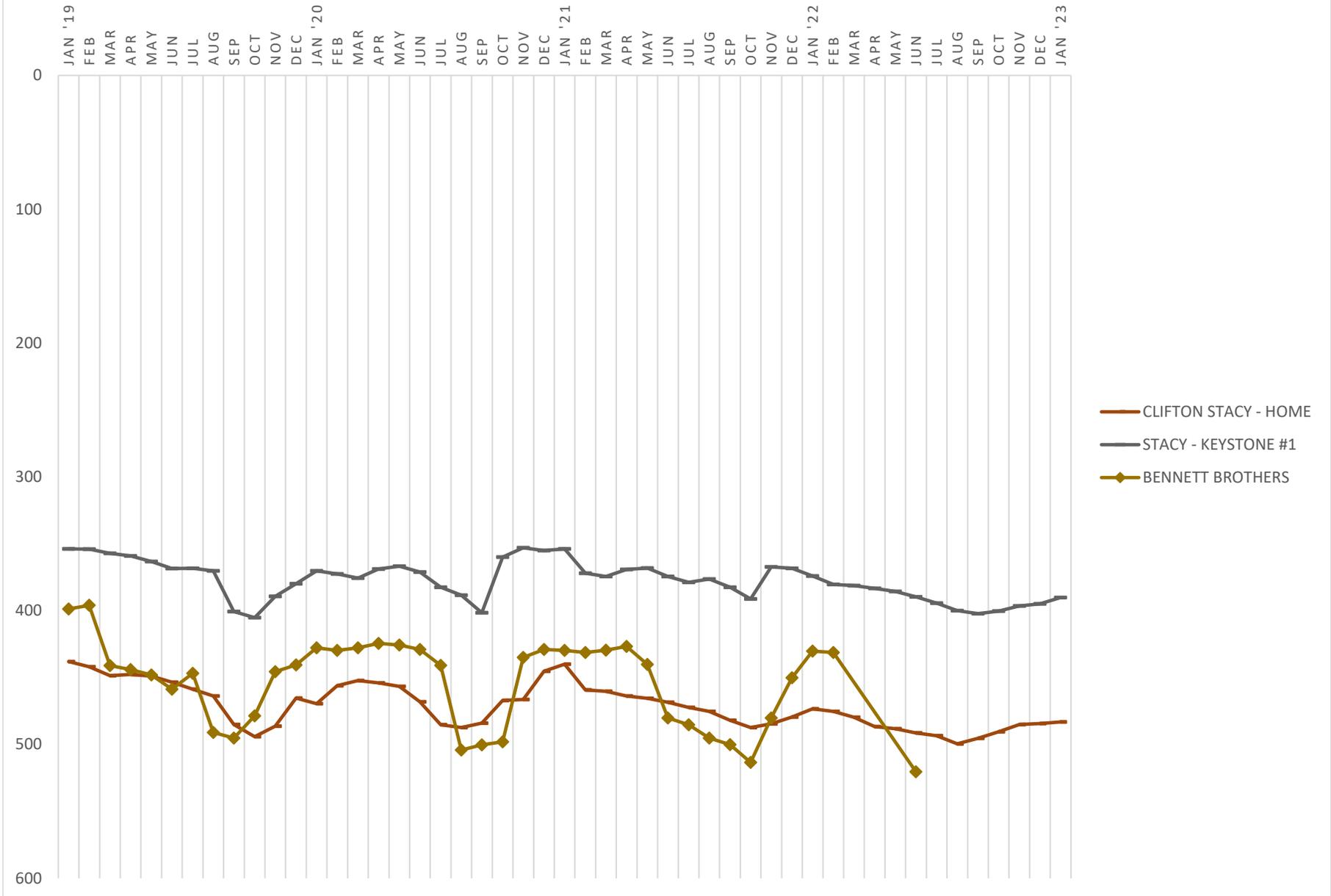
MONITOR WELL LEVELS WEST 2022

	WELL OWNER	COUNTY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN '23
1	JARRETT AKERS	Atascosa	176.6	178.2	179.3	183.1	184.7	185.2	186	188.2	186.4	188.6	186.7	186.9	187.6
2	MICHAEL KORUS	Atascosa	130.2	135.6	136.8	142.6	149.7	151.2	162.3	173	168.2	158.7	158.3	156.3	156.9
3	MILTON PALMER	Atascosa	172.4	178.6	179.6	185.2	195.6	201.4	226.2	229.4	206.4	186	186.2	180	172
4	RED BARN RD - KR GRASS	Atascosa	30.4	30.4	30.6	30.7	31	31.2	31.2	32	30.4	31.8	31.6	31.5	31.3
5	TWDB HWY 16 SAND PIT	Atascosa	175.5	175.6	175.7	176	176.2	176.2	176	178	178.3	179.5	179.3	178.9	178.3
6	GLENN NEUMAN	Frio													
7	CLIFTON STACY - home	Frio	473.4	475.3	479.6	486.7	488.3	491.3	493.5	499.5	495.3	490.5	485	484.3	483.2
8	STACY - KEYSTONE #1	Frio	374.1	380.3	381.2	383.4	385.6	389.6	394.3	399.9	402.2	400.3	396.5	394.9	390.2
9	BENNETT BROTHERS	Frio	430.2	431.2				520.4							

ATASCOSA 2022 WATER LEVELS



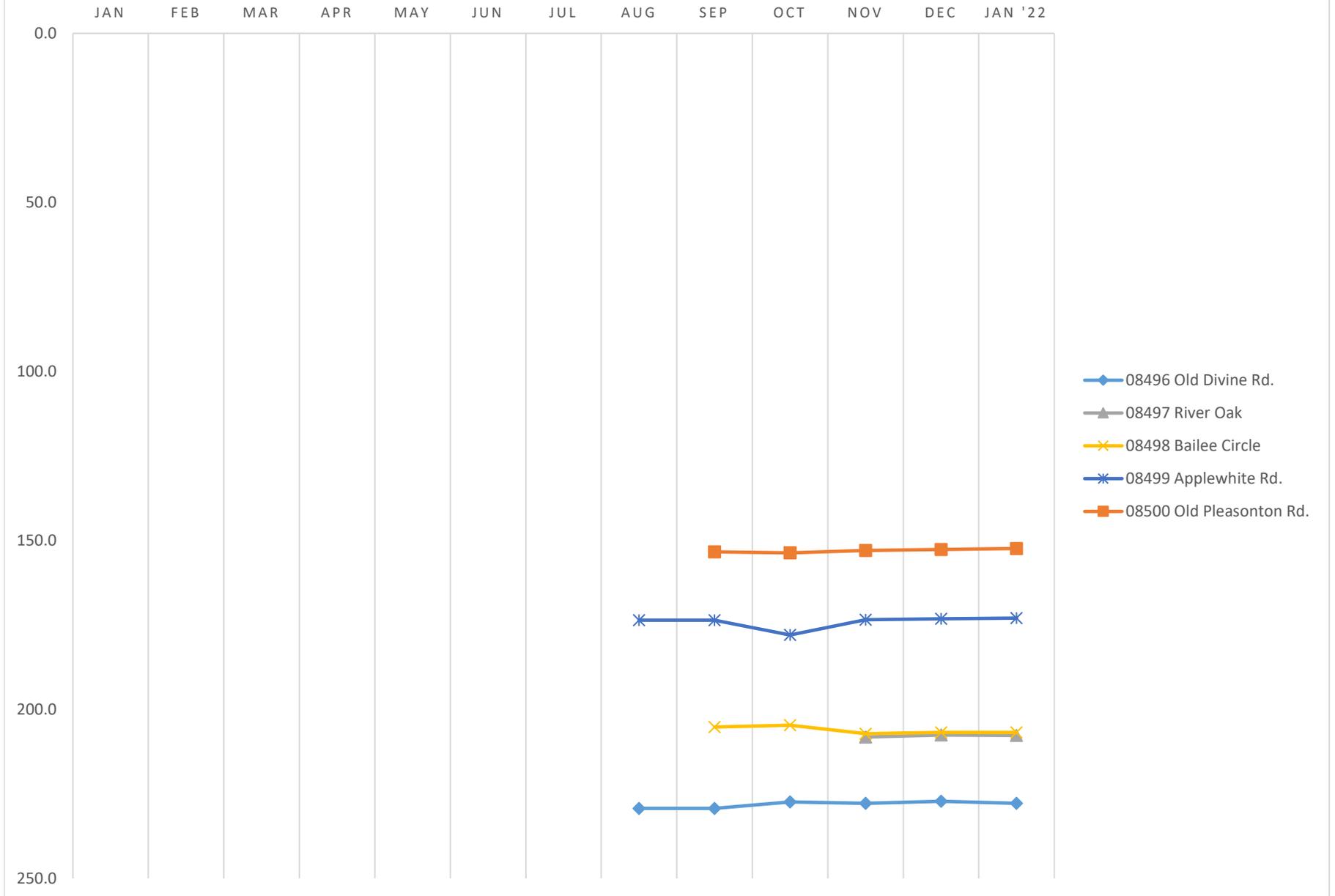
FRIO 2022 WATER LEVELS

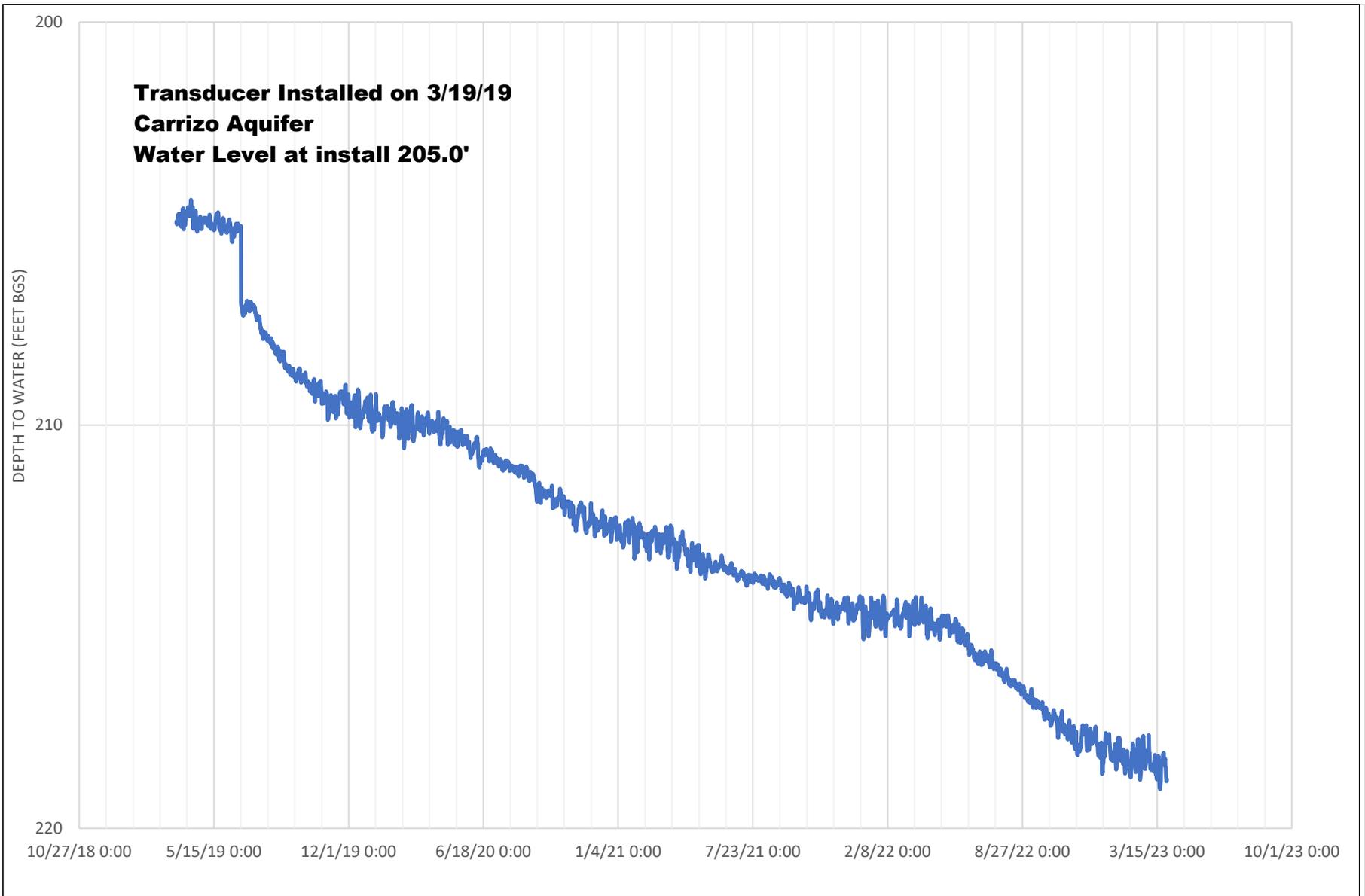


ATASCOSA EVERGREEN MONITOR WELLS 2022

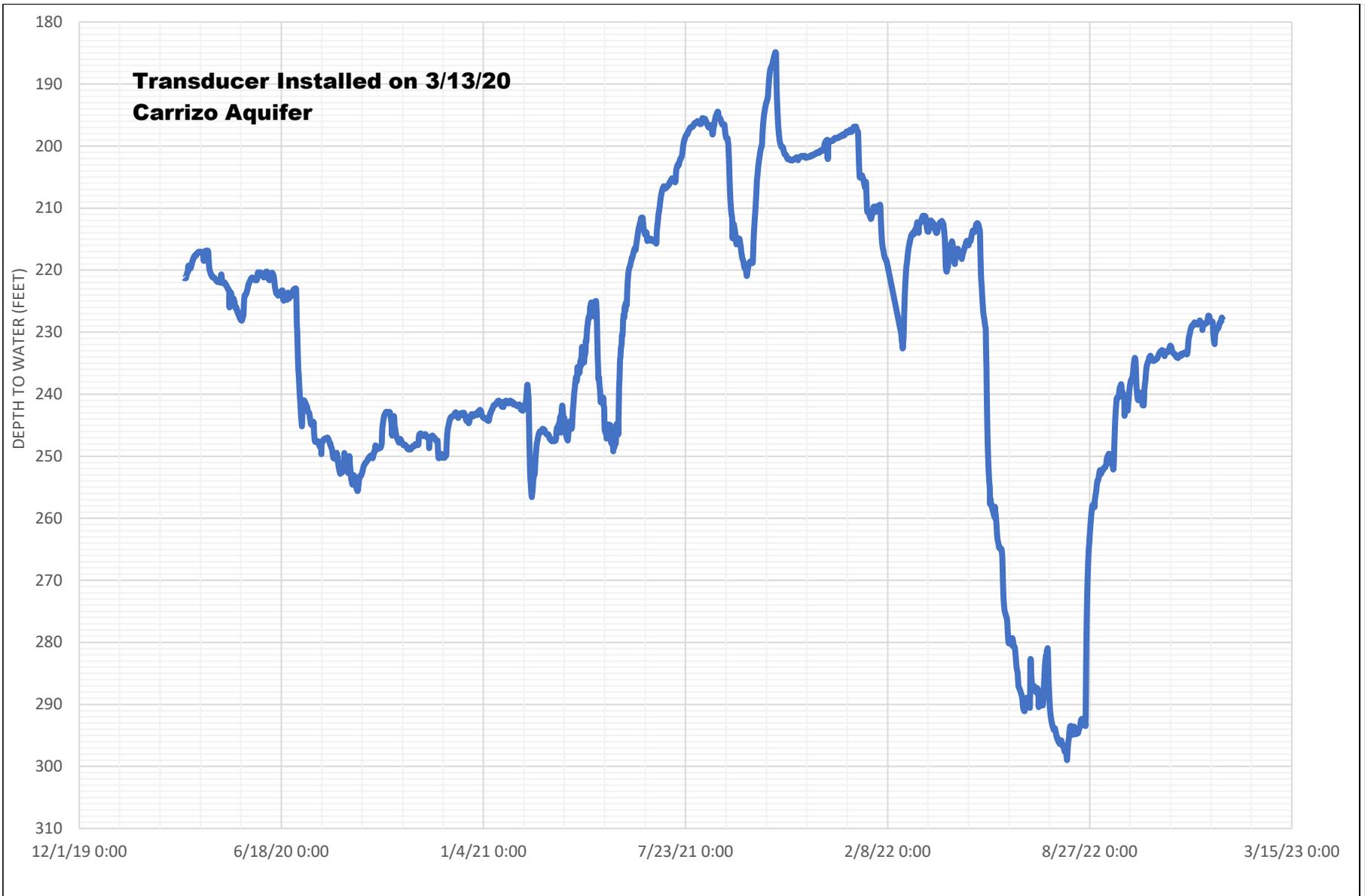
	WELL OWNER	AQUIFER	COUNTY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN '22
1	08496 Old Divine Rd.	Carrizo	Atascosa								229.3	229.3	227.4	227.8	227.2	227.8
2	08497 River Oak	Carrizo	Atascosa											208.2	207.6	207.7
3	08498 Bailee Circle	Carrizo	Atascosa									205.2	204.7	207.2	206.8	206.8
4	08499 Applewhite Rd.	Carrizo	Atascosa								173.6	173.6	178.0	173.5	173.2	173.0
5	08500 Old Pleasonton Rd.	Carrizo	Atascosa									153.4	153.7	153.0	152.7	152.4

ATASCOSA EVERGREEN MONITORING WELLS 2022 WATER LEVELS

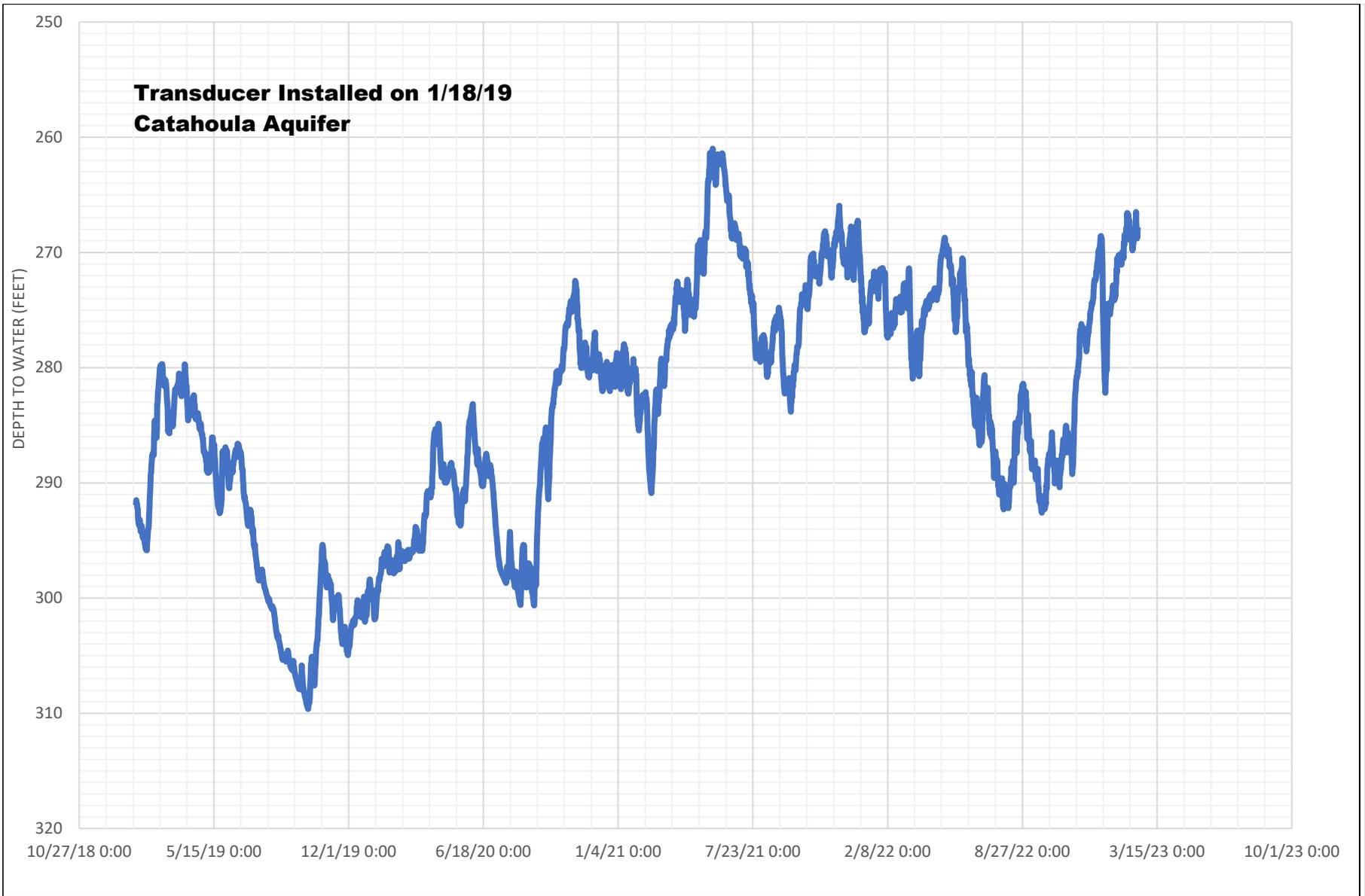




HYDROGRAPH BYRANT MONITORING WELL



Hydrograph of Freeman Monitoring Well



Hydrograph of El Oso Cr 189 Monitoring Well

Water Quality Test Results 2022

<i>Well</i>	<i>Date Taken</i>	<i>Aquifer</i>	<i>Conductivity µmhos/ cm</i>	<i>TDS mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Nitrate mg/L</i>	<i>Fluoride mg/L</i>	<i>Hardness mg/L</i>	<i>Aluminum mg/L</i>	<i>Arsenic mg/L</i>	<i>Calcium mg/L</i>	<i>Iron mg/L</i>	<i>Sodium mg/L</i>
EUWCD-09163	12/15/22	Gulf Coast	1,763	1,080	281	182	<0.5	<0.5	344.6	<0.010	0.0021	138	0.06	221
EUWCD-08588	12/15/22	Gulf Coast	1,801	1,140	225	198	<0.5	<0.5	79.2	<0.010	0.0005	31.7	0.02	322
EUWCD-09164	12/15/22	Gulf Coast	2,196	1,240	250	190	<0.5	2.69	24	0.18	0.0005	9.6	0.0689	426
EUWCD-03794	12/15/22	Yegua/Jackson	5,280	2,952	911	814	<0.5	<0.5	449.5	<0.010	0.0007	180	0.02	749
EUWCD-007938	12/15/22	Yegua/Jackson	5,470	2,920	806	890	<0.5	<0.5	474.7	<0.010	0.0009	190	<0.010	714
EUWCD-09163	12/15/22	Gulf Coast	2,308	1,272	507	69	3.7	1.27	302.1	<0.010	0.0268	121	<0.010	273
EUWCD-01645	12/28/22	Yegua/Jackson	2,202	1,308	139	492	<0.5	<0.5	155.6	0.24	0.0005	62.3	0.21	344
EUWCD-09170	12/28/22	Yegua/Jackson	3,290	1,840	486	452	1.6	<0.5	676.7	<0.010	0.0103	271	0.012	270
EUWCD-08121	12/28/22	Yegua/Jackson	1,518	908	205	112	<0.5	0.82	42.2	0.014	0.0009	16.9	0.044	280
EUWCD-09171	12/28/22	Gulf Coast	1,635	956	292	65	2.1	0.71	34	<0.010	0.0234	13.6	0.012	312
EUWCD-09172	12/28/22	Gulf Coast	1,260	772	157	109	<0.5	0.54	5.1	<0.010	0.0206	2.06	0.33	247
EUWCD-09173	12/28/22	Yegua/Jackson	4,020	2,564	792	333	3.7	0.54	1,098.70	<0.010	0.0192	440	0.18	169

Discussion of water quality issues of concern for any sample collected in 2022:

All wells sampled in Calendar year 2022 demonstrated water with quality typical for the geologic formation sampled from and showed no instances of groundwater contamination or issues of concern.

OTHER FIELD ACTIVITIES 2022

Downhole Camera Log 2022

	Date	Owner	Lat	Long	Aquifer	Depth	Casing Mat	Casing Dia	Notes
1	5/15/2022	Natho	28.969075	-97.807647	Jasper	N/A	PVC	5"	clean slot, water level lower than normal
2	5/15/2022	Natho	28.972804	-97.803330	Jasper	N/A	steel	4"	clean well, slots unknown
3	11/14/2022	West Ward	28.900516	-98.544039	Queen City	N/A	steel	4"	pump stuck in hole

Flow Test Log 2022

THERE WERE NO FLOW TESTS REQUESTED OR PERFORMED IN 2022

Investigations of Complaints and Reports of Groundwater Waste 2022

THERE WERE NO COMPLAINTS OR REPORTS OF GROUNDWATER WASTE IN 2022

INVESTIGATION OF COMPLAINTS AND REPORTS OF GROUNDWATER WASTE

There were no complaints or reports of groundwater waste in 2022.

<u>EUWCD INJECTION WELL ACTIVITY 2022</u>						
	<u>RRC Form No</u>	<u>Operator Name</u>	<u>EUWCD Letter Date</u>	<u>County</u>	<u>Disposal Formation</u>	<u>Results</u>
1	H-1	Fort Worth Natural Gas, Inc.	3/16/2022	Wilson	Poth "A"	applicant withdrew application
2	W-14	Advantek Waste MGMT Services LLC	3/16/2022	Karnes	Upper Wilcox	
3	H-1	Bigfoot Oil, LLC	4/28/2022	Frio	Navarro Sand	applicant withdrew application
4	W-14	Pilot Water Solutions SWD LLC	5/31/2022	Wilson	Edwards	applicant withdrew application
5	W-14	Pilot Water Solutions SWD LLC	5/31/2022	Wilson	Wilcox	applicant withdrew application
6	W-14	Pilot Water Solutions SWD LLC	5/31/2022	Wilson	Edwards	applicant withdrew application
7	W-14	Pilot Water Solutions SWD LLC	5/31/2022	Wilson	Wilcox	applicant withdrew application
8	H-1	Bigfoot Oil, LLC	9/8/2022	Frio	Navarro Sand	this is a revised application re-submitted
9	W-14	Mueller Exploration, Inc.	10/6/2022	Frio	Olmos A&B	settlement, agreed to install liner in casing
10	W-14	Pilot Water Solutions SWD LLC	10/19/2022	Wilson	Wilcox	application was returned by RRC, did not provide necessary info
11	W-14	Pilot Water Solutions SWD LLC	10/19/2022	Wilson	Wilcox	application was returned by RRC, did not provide necessary info
12	W-14	US Ecology, LLC	10/27/2022	Karnes	Wilcox	working on settlement, possible hearing

U.S. Drought Monitor Texas

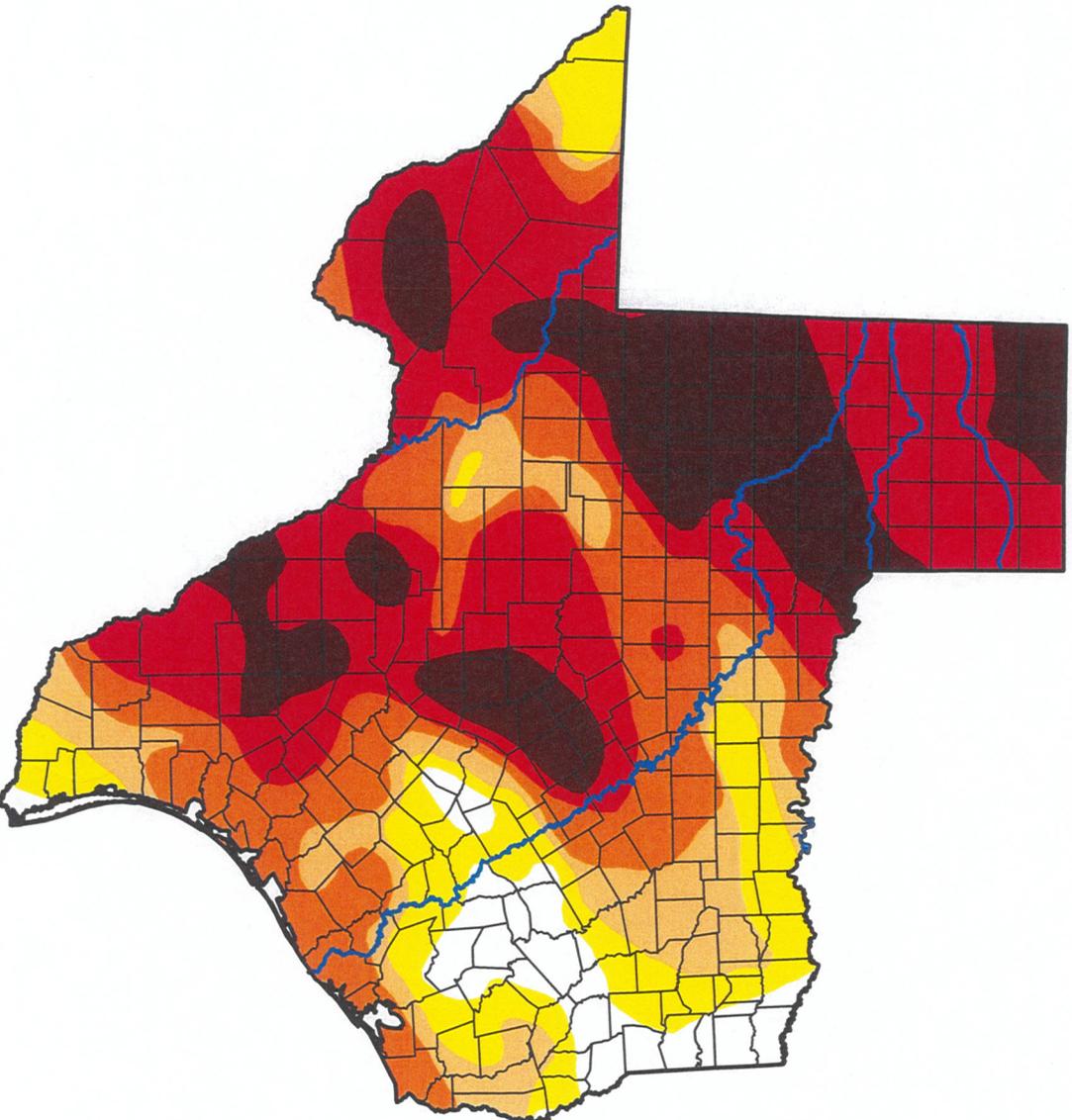
April 26, 2022

(Released Thursday, Apr. 28, 2022)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	6.21	93.79	82.11	70.28	50.25	19.62
Last Week 04-19-2022	3.87	96.13	87.38	72.46	53.54	15.91
3 Months Ago 01-25-2022	3.71	96.29	86.71	67.46	31.84	0.00
Start of Calendar Year 01-04-2022	7.58	92.42	79.83	54.25	16.69	0.00
Start of Water Year 09-28-2021	45.57	54.43	7.26	0.27	0.00	0.00
One Year Ago 04-27-2021	13.47	86.53	64.95	37.80	24.70	9.74



Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:

Brad Rippey
U.S. Department of Agriculture



U.S. Drought Monitor Texas

June 21, 2022

(Released Thursday, Jun. 23, 2022)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	7.01	92.99	81.18	64.62	43.83	17.11
Last Week 06-14-2022	8.59	91.41	79.97	64.03	42.47	16.78
3 Months Ago 03-22-2022	4.28	95.72	88.24	71.31	40.38	6.20
Start of Calendar Year 01-04-2022	7.58	92.42	79.83	54.25	16.69	0.00
Start of Water Year 09-28-2021	45.57	54.43	7.26	0.27	0.00	0.00
One Year Ago 06-22-2021	76.32	23.68	12.61	7.64	4.47	1.16

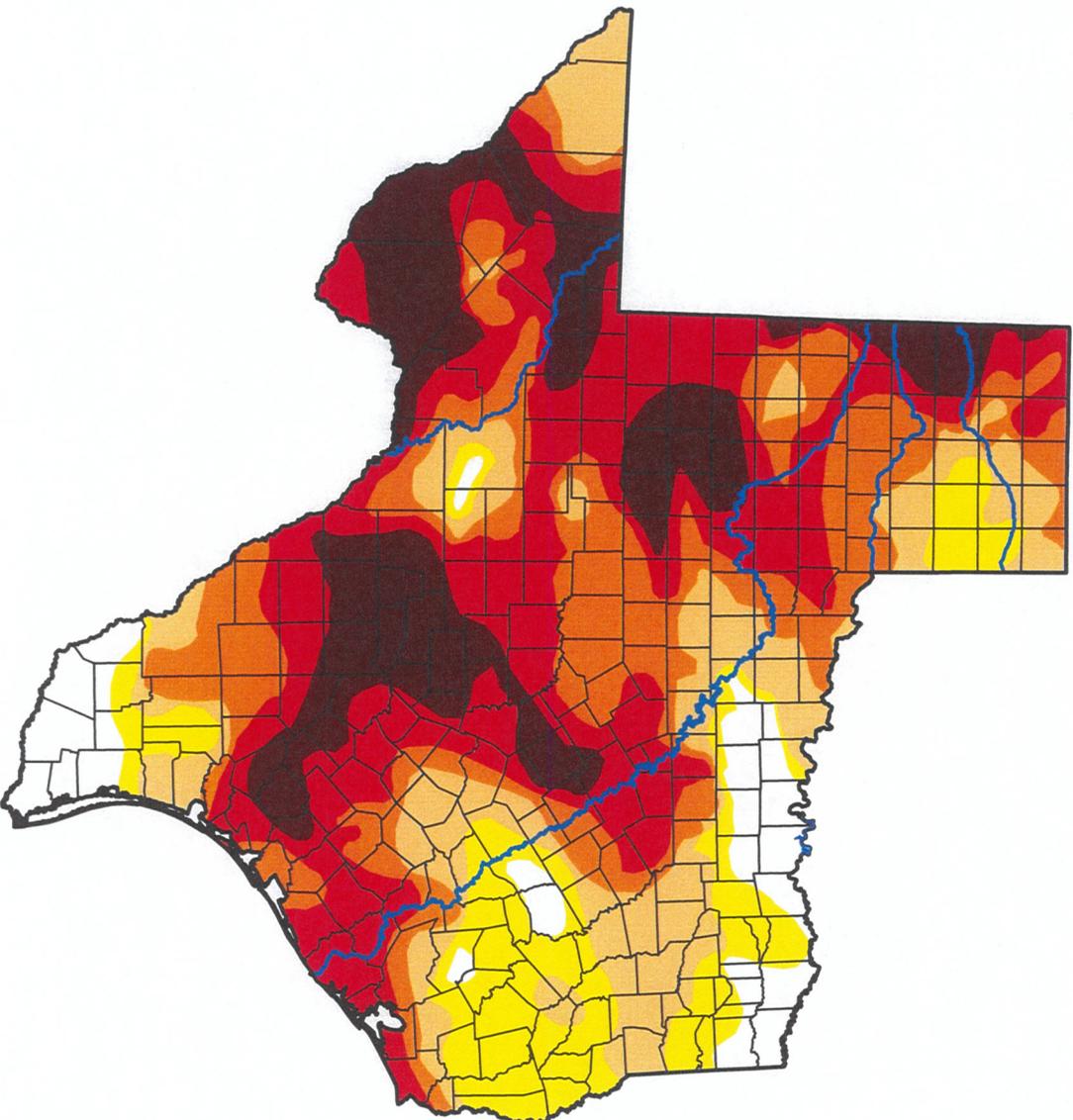
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Adam Hartman
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U.S. Drought Monitor Texas

October 18, 2022

(Released Thursday, Oct. 20, 2022)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	6.59	93.41	71.77	43.11	12.80	1.40
Last Week 10-11-2022	5.75	94.25	72.82	43.58	15.25	1.48
3 Months Ago 07-19-2022	0.82	99.18	94.77	84.08	56.67	20.40
Start of Calendar Year 01-04-2022	7.58	92.42	79.83	54.25	16.69	0.00
Start of Water Year 09-27-2022	14.96	85.04	61.36	31.61	8.82	1.06
One Year Ago 10-19-2021	53.43	46.57	19.05	0.88	0.00	0.00

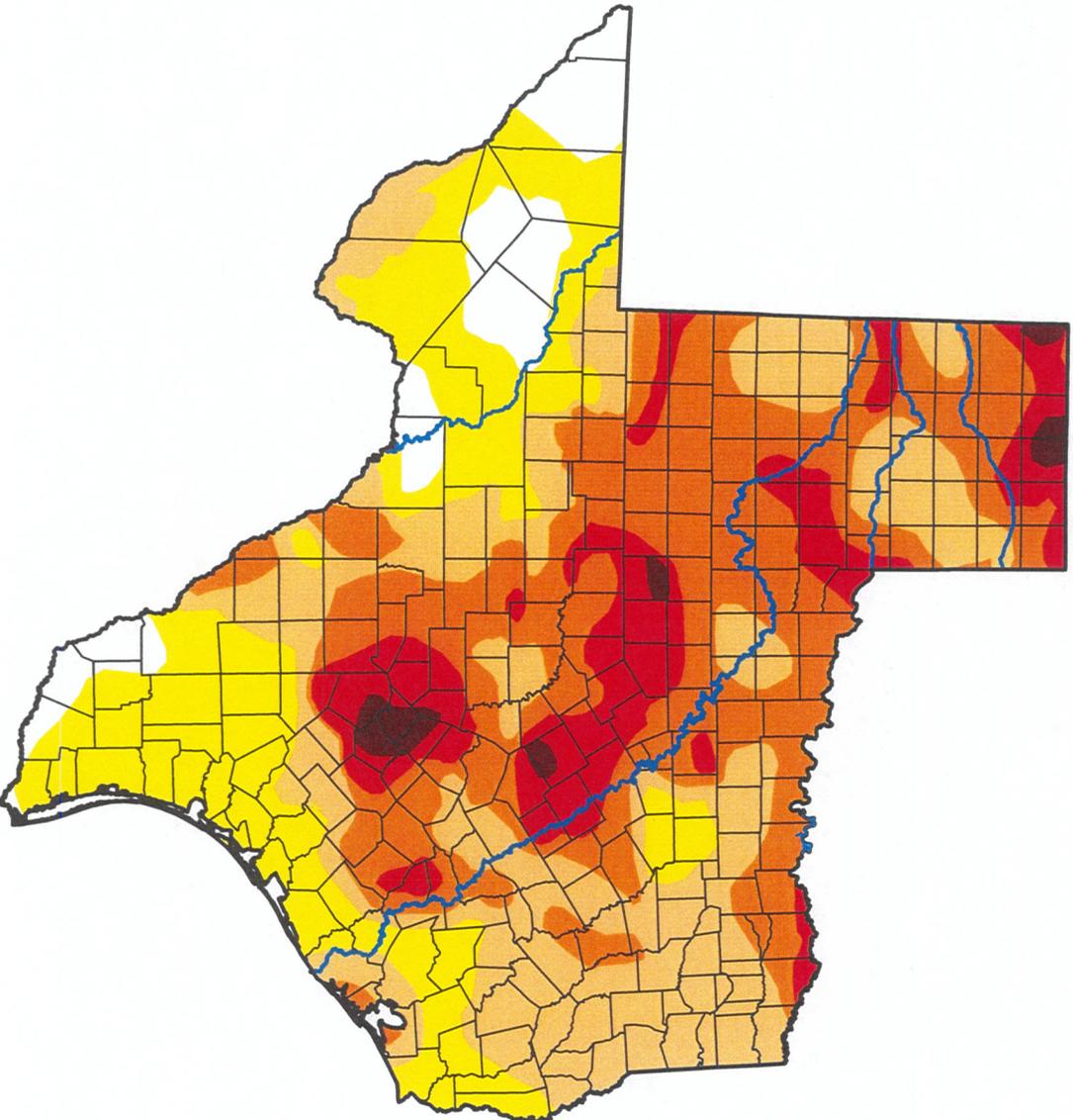
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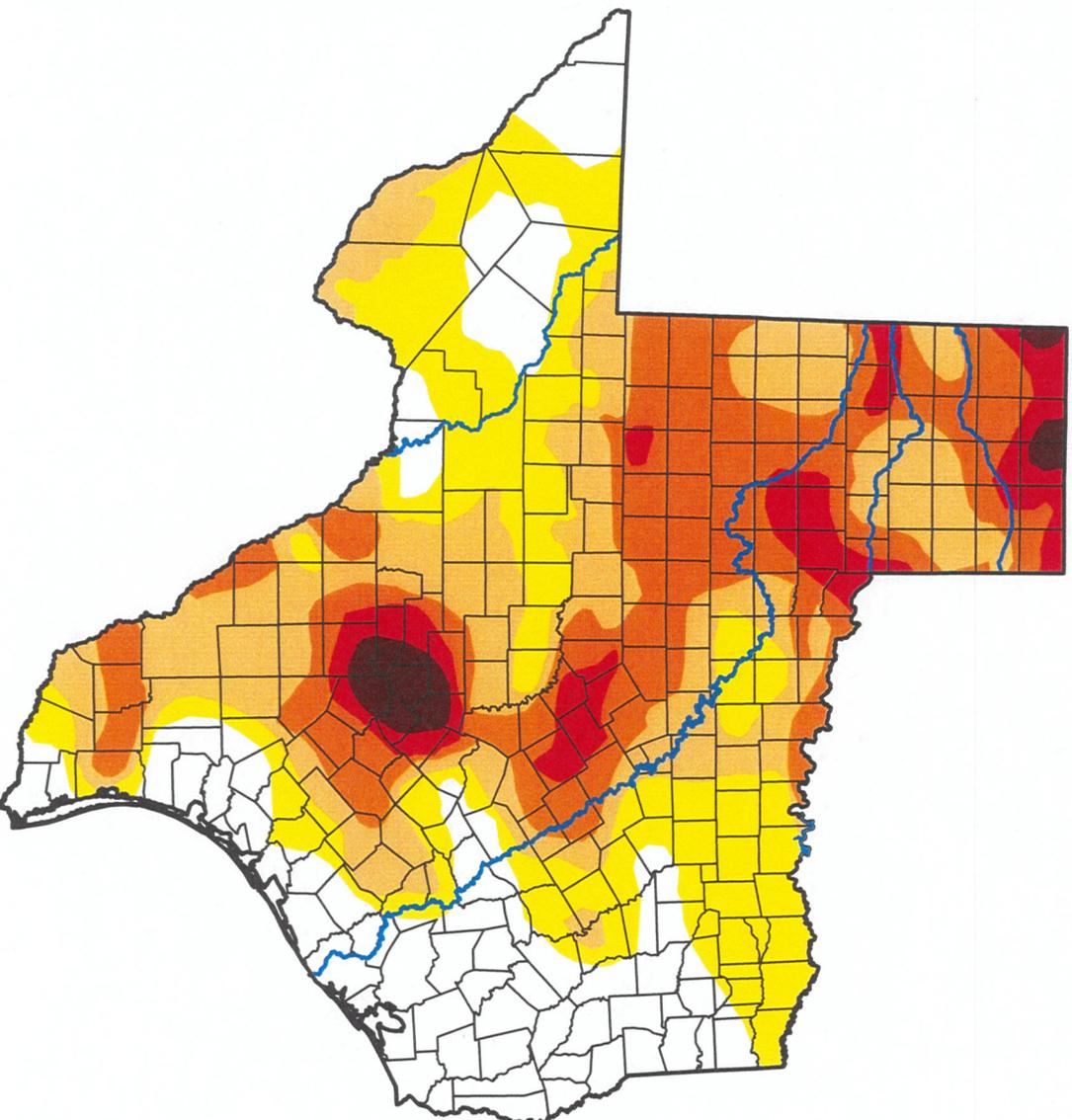


U.S. Drought Monitor Texas

January 17, 2023

(Released Thursday, Jan. 19, 2023)

Valid 7 a.m. EST



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	22.34	77.66	54.68	29.62	7.70	1.80
Last Week 01-10-2023	26.83	73.17	51.66	27.31	7.70	1.80
3 Months Ago 10-18-2022	6.59	93.41	71.77	43.11	12.80	1.40
Start of Calendar Year 01-03-2023	28.84	71.16	49.90	26.60	7.41	1.60
Start of Water Year 09-27-2022	14.96	85.04	61.36	31.61	8.82	1.06
One Year Ago 01-18-2022	3.53	96.47	86.04	64.67	25.87	0.00

Intensity:

- None
- D0 Abnormally Dry
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- D2 Severe Drought
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