
SABINE RIVER AUTHORITY OF TEXAS

TO: INTERESTED PARTIES
FROM: WATER RESOURCES BRANCH
RE: MAY 2005 MONTHLY WATER QUALITY REPORT

This is the Sabine River Authority Water Quality Report for May 2005. Water quality sampling was performed May 9th through May 12th. Recent weather (previous seven days) in the Sabine River Basin was warm, with daytime highs from the mid 60s to the mid 80s at Lake Tawakoni and at Lake Fork. Toledo Bend Reservoir and Orange had daytime highs from the upper 60s to the mid 80s. Lows ranged from the upper 40s to the low 60s at Lake Tawakoni and at Lake Fork. Toledo Bend and Orange had lows ranging from the upper 40s to the upper 60s. The waters of Lake Tawakoni and Lake Fork were beginning to show thermal stratification. During the 28 days prior to the sample run, the Upper Basin received 0.59 and 0.66 inches of rainfall as recorded at Lake Tawakoni and at Lake Fork, respectively. Lake Tawakoni and Lake Fork received 0.49 and 0.52 inches of rainfall the week preceding the sample run. Toledo Bend and Orange received 1.01 and 1.38 inches, respectively, during the 28 days prior to the sample run.

UPPER SABINE BASIN ABOVE TOLEDO BEND INCLUDING LAKE FORK AND LAKE TAWAKONI

Most water quality parameter measurements at Upper Basin sites were consistent with water of high quality. The level of Lake Fork was recorded at 402.73 feet msl with 8 cfs releases and the level of Lake Tawakoni was recorded at 436.62 feet msl with 6 cfs releases at the time of sampling. Stations SR22 and SR19 exceeded the recommended screening criteria for chlorophyll *a* and station SR22 exceeded the Stream Standards numeric criteria for *E. coli*. Station SR10 had an elevated level of dissolved oxygen with greater than 100 percent dissolved oxygen saturation.

LOWER SABINE BASIN INCLUDING TOLEDO BEND TO MORGAN BLUFF

The May monthly sampling results were indicative of water of high quality at most sites. The area received 0.8 inch of rain during the week of sampling. The level of Toledo Bend Reservoir was recorded at 170.25 feet msl with 204 cfs discharge at the time of sampling. Most reservoir stations were stratified with dissolved oxygen and pH differences throughout the water column. Anoxic conditions were found at the deepest mid-lake station. The dissolved oxygen percent saturation at stations TB8 and TB6LN and the chlorophyll *a* result at station TB6R were above recommended screening criteria for each parameter. The *E. coli* result at station BCC1 was above Stream Standards numeric criteria, and station SR3 had a higher than normal sulfate result.

TIDAL SECTION OF THE SABINE BASIN BELOW MORGAN BLUFF

Most sites sampled in the tidal portion of the Sabine Basin had values that are consistent with water of high quality. The tidal stations received just over 0.5 inch of rainfall during the seven days prior to the sample run. Most of the sites in this section of the Basin were stratified, but no anoxic conditions were found at any tidal station. Surface salinities were found at all but two stations. The greatest salinity value of 14 ppt was found at station SRT1C at a depth of 11.2 meters. All parameters measured in this section of the Basin were within Stream Standards criteria.

This Report and additional data for these monitoring stations are available on our World Wide Web site (www.sra.dst.tx.us). If you have any questions or comments concerning this report, please contact:

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SABINE RIVER AUTHORITY OF TEXAS
Monthly Water Quality Report
 May 2005

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FY 2005 Fixed Monitoring Stations

Upper Sabine Basin

SW	Segment	Station	Location
7.00	0507	10440 (LT23C)	LAKE TAWAKONI NEAR WIND POINT PARK
7.00	0507	10435 (LT23D)	LAKE TAWAKONI IN KITSEE INLET NEAR WHITE POINT CAUSEWAY
7.00	0507	10434 (LT23A)	LAKE TAWAKONI IN THE MAIN LAKE NEAR THE DAM
6.12	0512	10461 (LF3)	LAKE FORK RESERVOIR MID-ARM IN CANEY CREEK ARM AT FM 515
6.12	0512	10462 (LF4)	LAKE FORK RESERVOIR MID-COVE IN LAKE FORK CREEK ARM AT FM 515
6.12	0512	10458 (LF2)	LAKE FORK RESERVOIR NEAR DAM IN CREEK CHANNEL
6.10	0515	10469 (LF20)	LAKE FORK CREEK AT US 80
6.02	0514	16011 (BS9)	BIG SANDY CREEK AT WHITE OAK ROAD
6.00	0506	17065 (SR22)	SABINE RIVER AT FM 17
6.00	0506	10430 (SR21)	SABINE RIVER AT US 69
6.00	0506	10429 (SR19)	SABINE RIVER AT SH 14 S. OF HAWKINS
5.00	0506	10428 (SR17)	SABINE RIVER AT US 271
5.00	0505	10427 (SR16)	SABINE RIVER AT SH 42
5.00	0505	10426 (SR15)	SABINE RIVER AT US 259
5.00	0505	10423 (SR14)	SABINE RIVER AT SH 149
5.00	0505	13628 (SR11)	SABINE RIVER AT US 59
5.00	0505	10415 (SR10)	SABINE RIVER AT FM 2517

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Upper Sabine Basin Report

May 2005

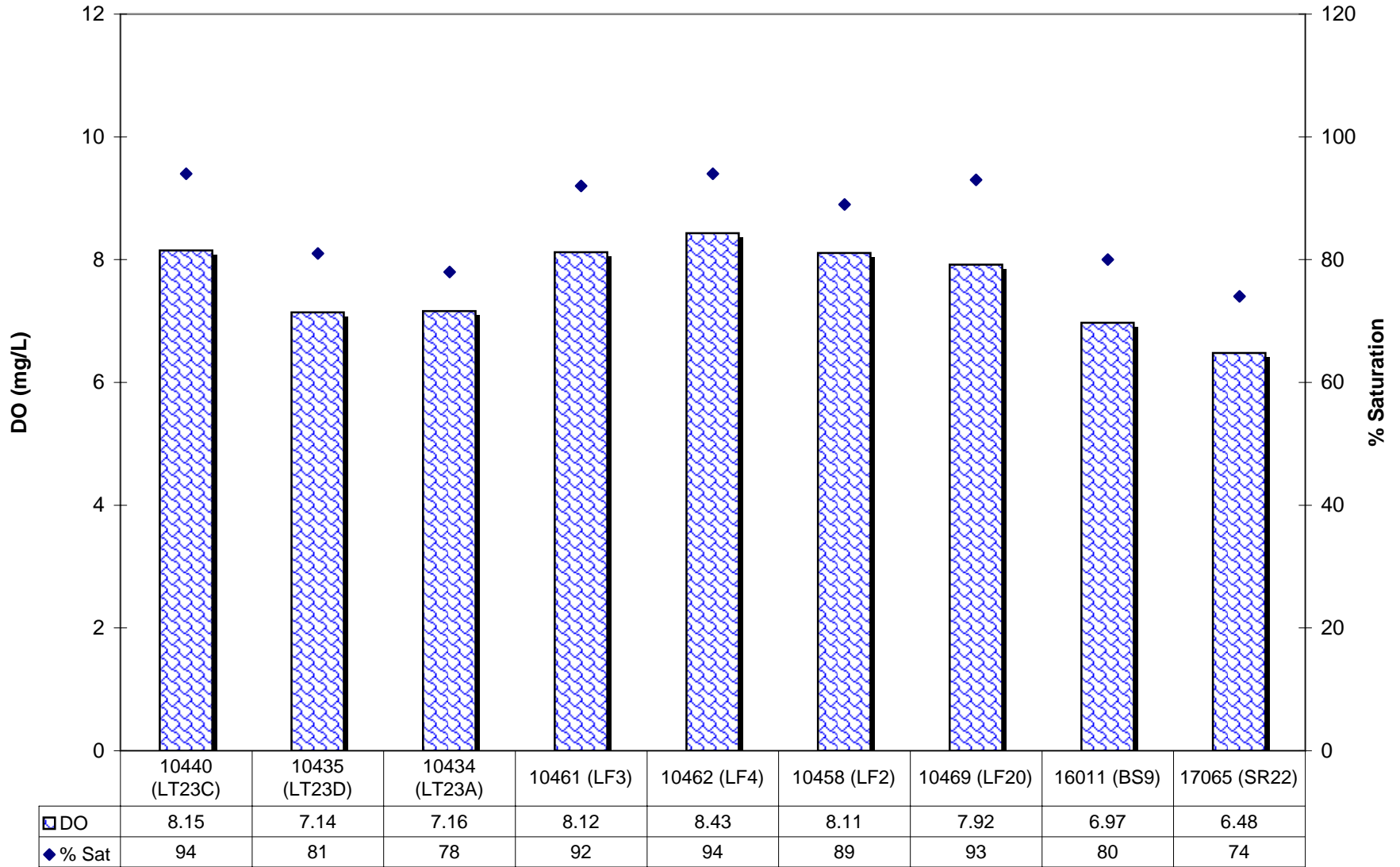
Date	SW ID	Station	Temperature °C 00010	pH Units 00400	DO mg/L 00300	% Saturation 00301	Conductivity µS/cm 00094	Salinity ppt 00480	Secchi Meters 00078	Turbidity NTU 82079	<i>E. coli</i> mpn/100ml 31699	Chlorophyll a µg/L 32211	Nitrite mg/L 00615	Nitrate mg/L 00620	Ortho- Phosphate 00671	TOC mg/L 00680	Total Alkalinity 00410	Total Hardness 00900	Chloride mg/L 00940	Sulfate mg/L 00945
5/10/05 11:16 AM	7.00	10440 (LT23C)	21.7	8.31	8.15	94	198	*	0.49	11.4	25	6	< 0.02	< 0.02	< 0.04	6	83	88	< 10	11.3
5/10/05 10:30 AM	7.00	10435 (LT23D)	20.8	7.91	7.14	81	214	*	0.61	13.3	3	17	< 0.02	< 0.02	0.04	6	86	96	< 10	12.8
5/10/05 9:34 AM	7.00	10434 (LT23A)	19	7.83	7.16	78	194	*	1.64	2.6	< 1	8	< 0.02	< 0.02	< 0.04	6	81	76	< 10	11.1
5/10/05 8:08 AM	6.12	10461 (LF3)	20.7	7.68	8.12	92	169	*	1.48	2.45	1	10	< 0.02	< 0.02	< 0.04	6	32	44	16.2	19.5
5/10/05 8:37 AM	6.12	10462 (LF4)	20.3	7.72	8.43	94	163	*	1.63	2.04	1	10	< 0.02	< 0.02	< 0.04	6	32	40	15	19.7
5/10/05 7:40 AM	6.12	10458 (LF2)	19.3	7.45	8.11	89	160	*	2.36	1.32	< 1	6	< 0.02	< 0.02	< 0.04	6	32	44	14.8	18.8
5/10/05 1:24 PM	6.10	10469 (LF20)	22.5	7.19	7.92	93	323	*	0.31	40.4	73	*	< 0.02	0.05	< 0.04	6	35	68	48.2	40.6
5/11/05 6:25 AM	6.02	16011 (BS9)	21.1	6.73	6.97	80	121	*	0.53	14.3	214	*	< 0.02	0.27	< 0.04	5	18	28	17.4	11.1
5/10/05 12:24 PM	6.00	17065 (SR22)	20.9	7.34	6.48	74	416	*	0.28	38.4	488	29	< 0.02	0.03	0.04	7	86	128	41.8	47
5/10/05 1:00 PM	6.00	10430 (SR21)	21.3	7.39	7.25	83	504	*	0.26	39.3	57	*	< 0.02	< 0.02	< 0.04	7	82	68	16.4	56.6
5/10/05 1:47 PM	6.00	10429 (SR19)	22.5	7.34	7.97	93	268	*	0.26	42.1	299	21	< 0.02	0.12	< 0.04	6	48	68	32.7	26.2
5/11/05 6:55 AM	5.00	10428 (SR17)	23.6	7.43	8.13	97	271	*	0.3	28.4	27	*	< 0.02	< 0.02	< 0.04	6	48	72	33.5	27.6
5/11/05 7:24 AM	5.00	10427 (SR16)	23.2	7.25	7.41	88	367	*	0.26	35.4	23	*	< 0.02	< 0.02	< 0.04	6	50	80	58.2	33.1
5/11/05 7:51 AM	5.00	10426 (SR15)	24.1	7.27	7.89	94	332	*	0.33	29.6	26	*	< 0.02	0.06	< 0.04	7	49	76	50.3	29.4
5/11/05 8:20 AM	5.00	10423 (SR14)	23.3	7.3	8.22	98	372	*	0.37	19.4	28	*	< 0.02	0.85	< 0.04	7	50	80	59.6	30.8
5/11/05 10:04 AM	5.00	13628 (SR11)	24.7	7.35	7.55	92	464	*	0.44	18.1	16	*	< 0.02	0.9	< 0.04	8	59	96	69.2	46.7
5/11/05 10:41 AM	5.00	10415 (SR10)	24.5	7.45	9.53	117	466	*	0.37	23.3	9	*	< 0.02	0.33	< 0.04	8	62	96	70.8	47.2

*: Not sampled on this run

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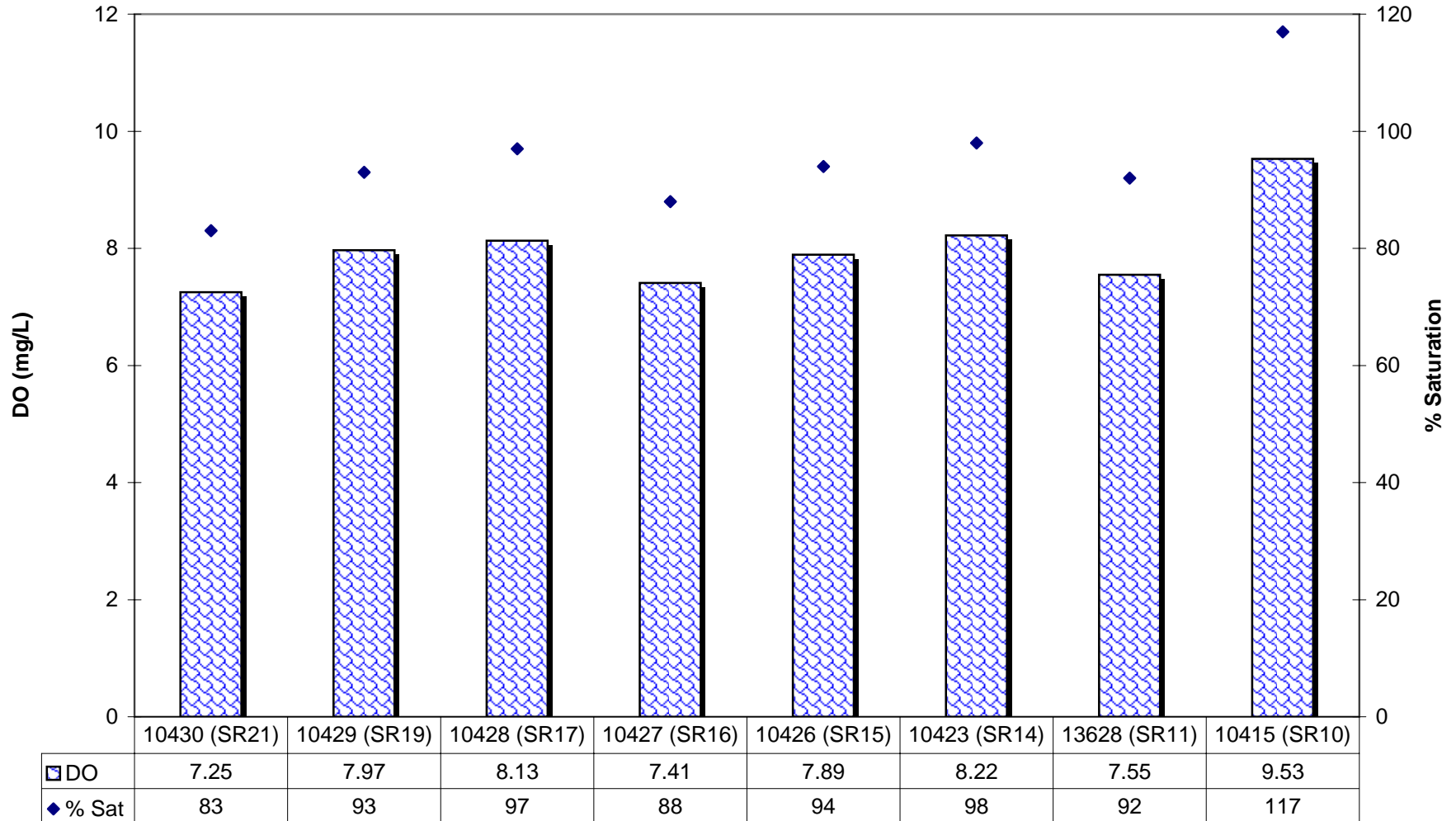
Upper Sabine Basin DO / % Saturation (1 of 2)



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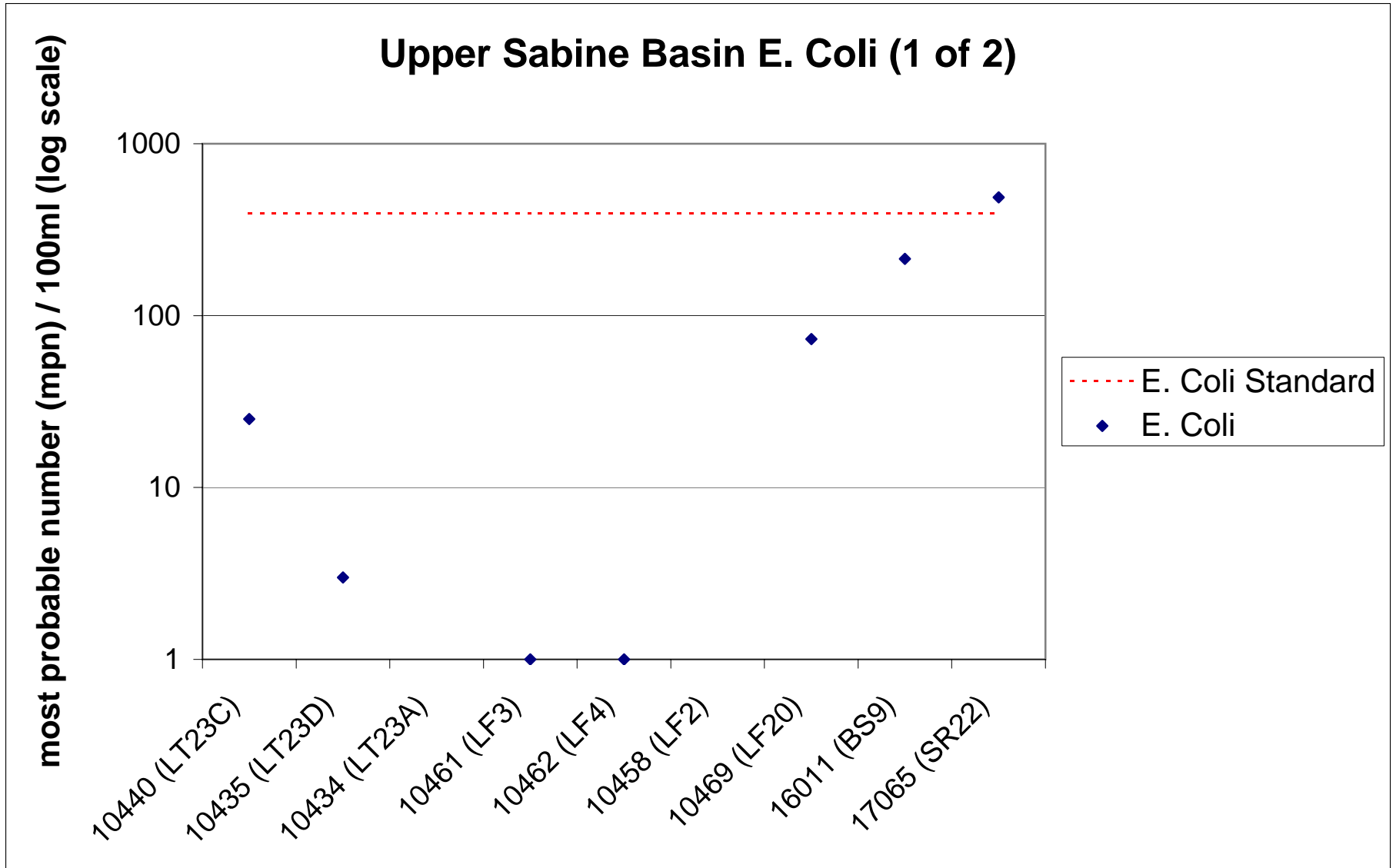
May 2005

Upper Sabine Basin DO / % Saturation (2 of 2)



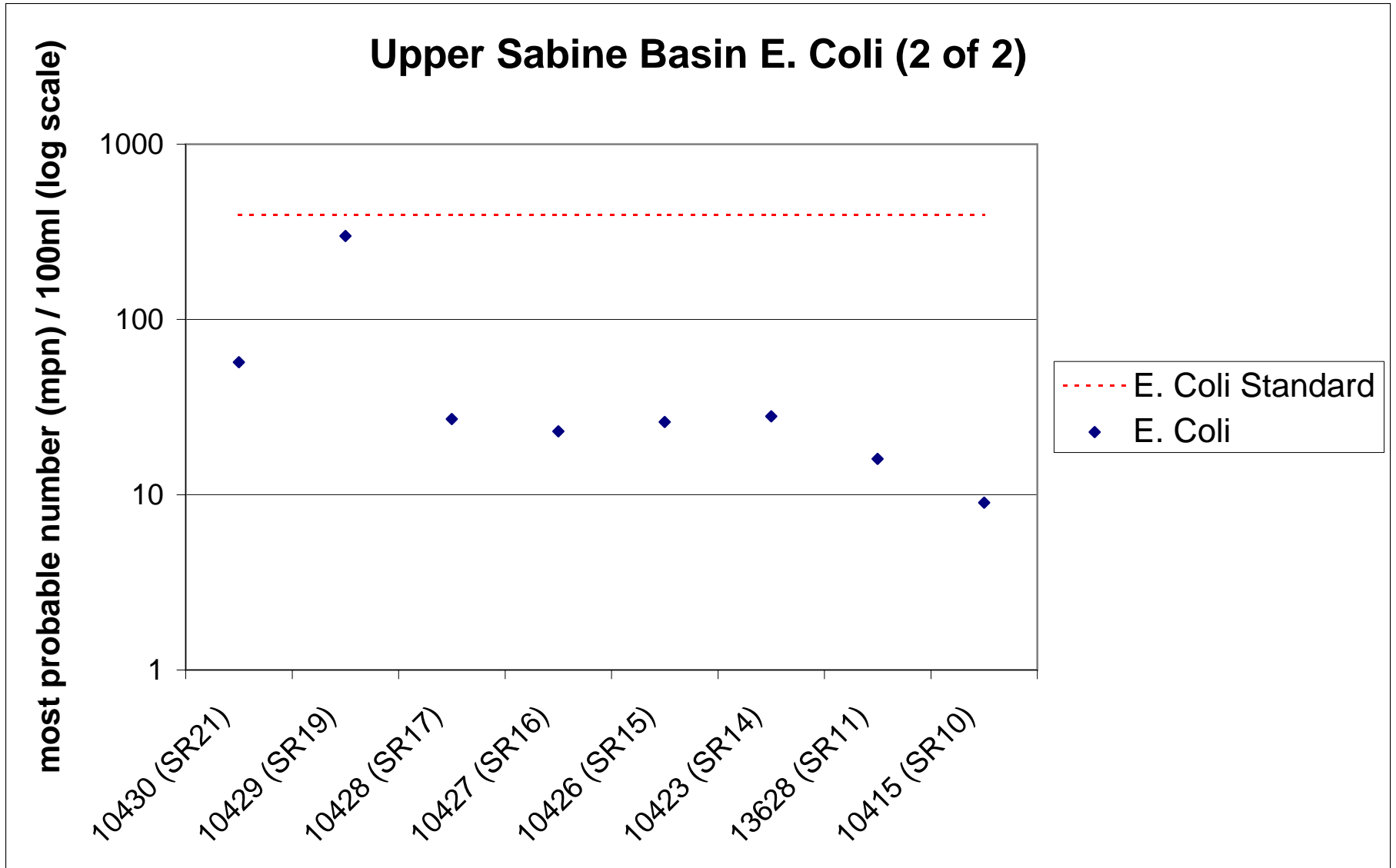
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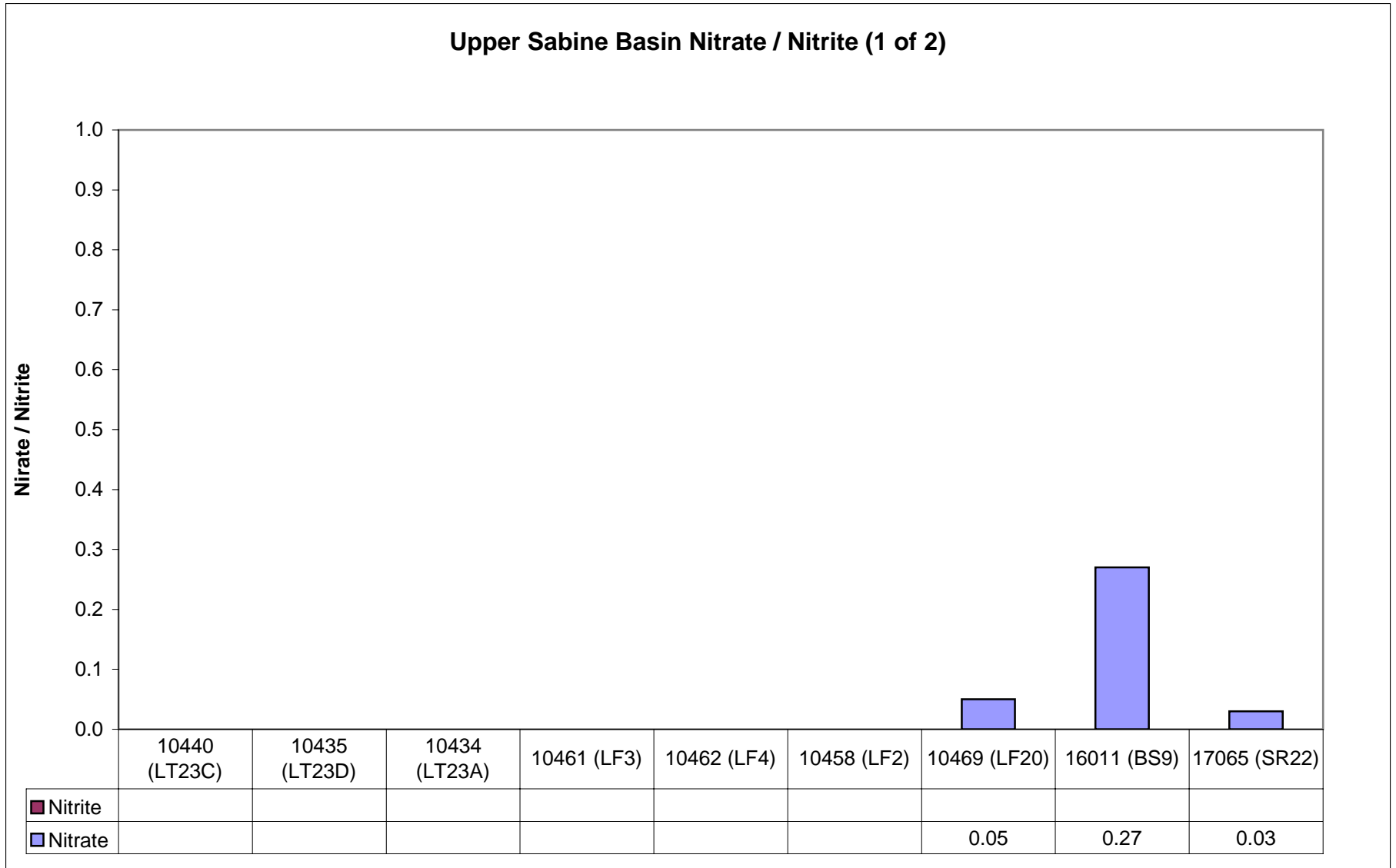
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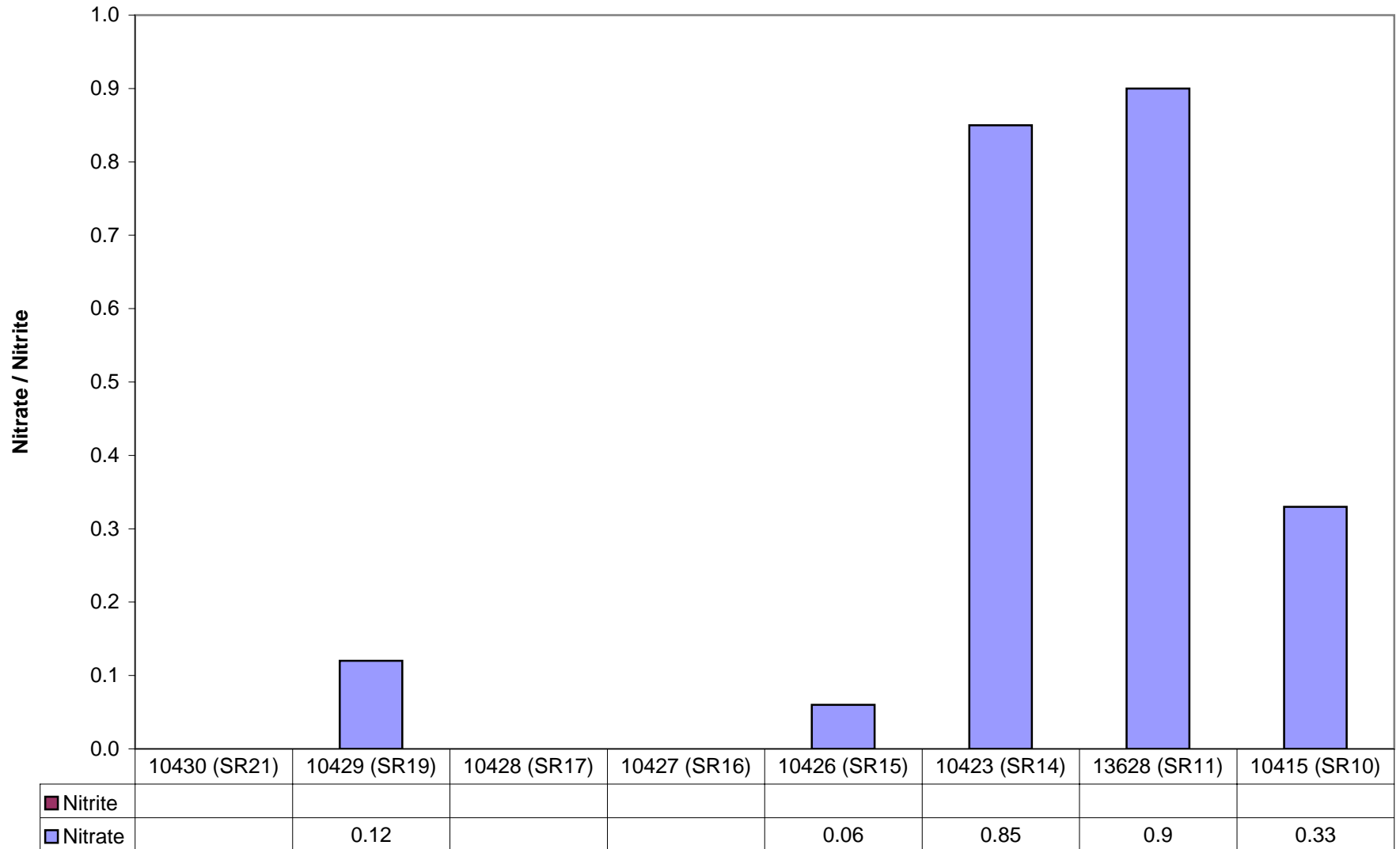


Stations without values below detection limit (< 0.02 mg/L) on this run (see page 2)

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Upper Sabine Basin Nitrate / Nitrite (2 of 2)



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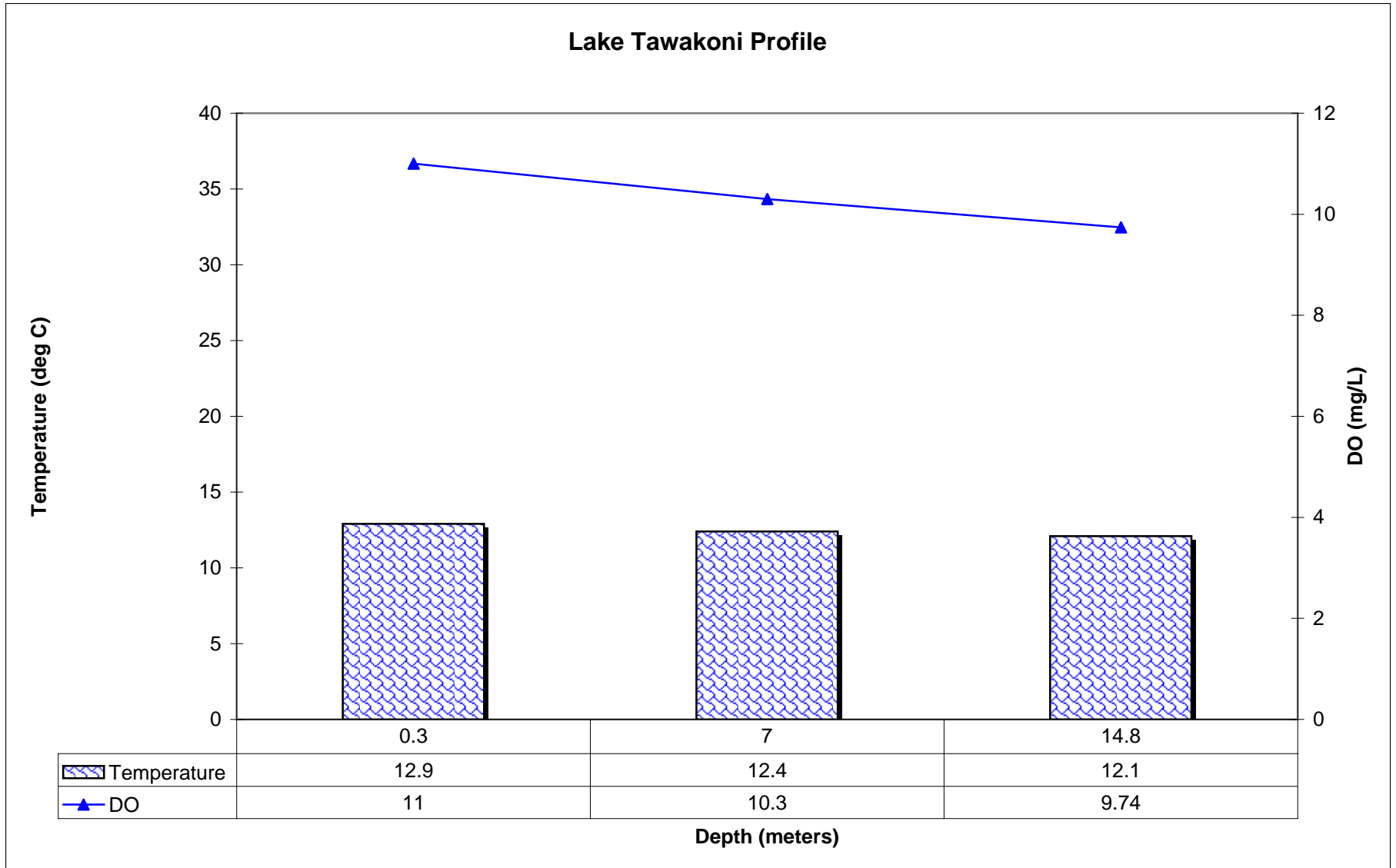
Upper Basin Profiles

May 2005

Date	SW ID	Station	Depth Meters	Temperature °C 00010	pH Units 00400	DO mg/L 00300	% Saturation 00301	Conductivity μS/cm 00094
5/10/05 11:16 AM	7.00	10440 (LT23C)	0.3	21.7	8.31	8.15	94	198
			1.9	21.6	8.05	7.75	89	199
			3.8	21.4	7.99	7.94	91	199
5/10/05 10:30 AM	7.00	10435 (LT23D)	0.3	20.8	7.91	7.14	81	214
			3.2	20.3	7.67	5.88	66	208
			6.4	20.2	7.56	5.6	63	209
5/10/05 9:34 AM	7.00	10434 (LT23A)	0.3	19	7.83	7.16	78	194
			7	18.5	7.6	5.9	64	194
			15.6	18.3	7.47	4.91	53	195
5/10/05 8:08 AM	6.12	10461 (LF3)	0.3	20.7	7.68	8.12	92	169
			5	20	7.52	8.05	90	169
			9.9	19.9	6.97	4.85	54	174
5/10/05 8:37 AM	6.12	10462 (LF4)	0.3	20.3	7.72	8.43	94	163
			5.5	19.8	7.5	8.41	94	159
			10.9	19.6	7	7.82	86	169
5/10/05 7:40 AM	6.12	10458 (LF2)	0.3	19.3	7.45	8.11	89	160
			8.5	18.6	7.19	6.93	76	159
			16.6	16.2	6.79	0.76	8	167

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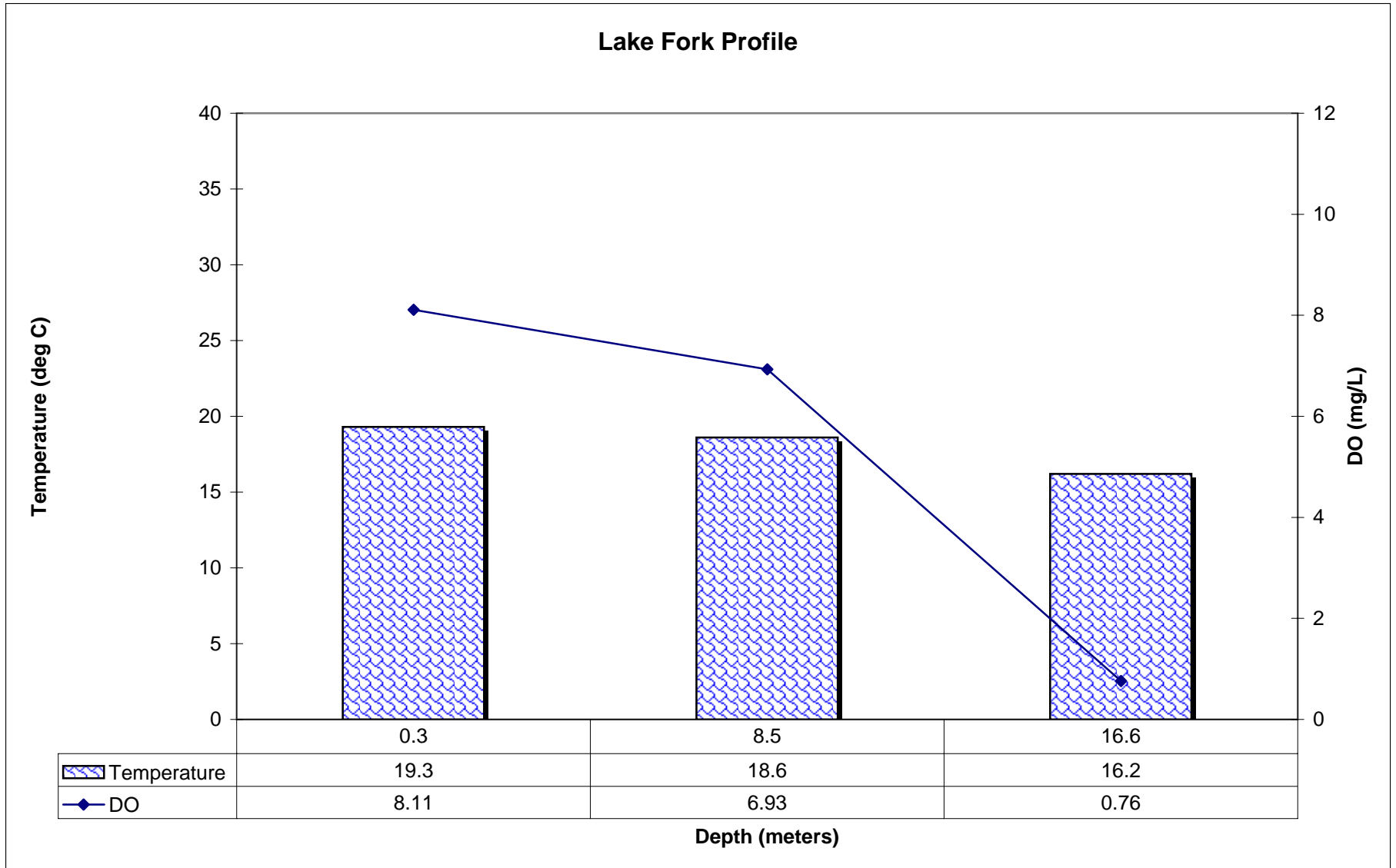
May 2005



For Station 10434 (LT23A): LAKE TAWAKONI IN THE MAIN LAKE NEAR THE DAM IN THE OLD RIVER CHANNEL

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Lake Tawakoni Weather and Reservoir Data

May 2005

Date	Lake Elev	LE - TOP	Releases inst	Max Temp	Min Temp	Rainfall	Evap
5/1/2005	436.83	(0.67)	6	67	45	0.00	0.25
5/2/2005	436.81	(0.69)	6	74	45	0.00	0.26
5/3/2005	436.77	(0.73)	6	77	48	0.00	0.27
5/4/2005	436.75	(0.75)	6	77	48	0.15	0.24
5/5/2005	436.73	(0.77)	6	64	49	0.10	0.08
5/6/2005	436.70	(0.80)	6	75	53	0.00	0.22
5/7/2005	436.66	(0.84)	6	81	56	0.00	0.29
5/8/2005	436.64	(0.86)	6	82	60	0.09	0.34
5/9/2005	436.64	(0.86)	6	75	55	0.15	0.15
5/10/2005	436.62	(0.88)	6	76	56	0.00	0.12
5/11/2005	436.60	(0.90)	6	84	62	0.00	0.22
5/12/2005	436.58	(0.92)	6	87	62	0.00	0.33
5/13/2005	436.56	(0.94)	6	84	64	0.00	0.27
5/14/2005	436.55	(0.95)	6	84	64	0.00	0.29
5/15/2005	436.52	(0.98)	6	80	50	0.00	0.24
5/16/2005	436.47	(1.03)	6	80	56	0.00	0.36
5/17/2005	436.42	(1.08)	6	79	55	0.00	0.30
5/18/2005	436.39	(1.11)	6	83	57	0.00	0.34
5/19/2005	436.37	(1.13)	6	85	60	0.00	0.28
5/20/2005	436.36	(1.14)	6	85	66	0.00	0.26
5/21/2005	436.33	(1.17)	6	94	65	0.00	0.34
5/22/2005	436.30	(1.20)	6	94	66	0.00	0.41
5/23/2005	436.27	(1.23)	6	98	66	0.00	0.37
5/24/2005	436.24	(1.26)	6	95	68	0.00	0.29
5/25/2005	436.23	(1.27)	6	90	64	0.00	0.25
5/26/2005	436.24	(1.26)	6	87	64	0.53	0.23
5/27/2005	436.21	(1.29)	6	82	63	0.00	0.40
5/28/2005	436.20	(1.30)	6	85	64	0.00	0.18
5/29/2005	436.22	(1.28)	6	77	64	0.83	0.00
5/30/2005	436.20	(1.30)	6	77	65	0.03	0.14
5/31/2005	436.18	(1.32)	6	81	66	0.00	0.23
Avg or Tot	436.47	(1.03)	6	82	59	1.88	7.95

	Avg	Avg	Avg	Avg	Avg	Tot	Tot
Units	Feet M.S.L.	Feet	cfs	Deg F	Deg F	Inches	Inches
		Instantaneous appx. 8 a.m.					

TOP: Top of Pool = 437.5 Feet M.S.L.

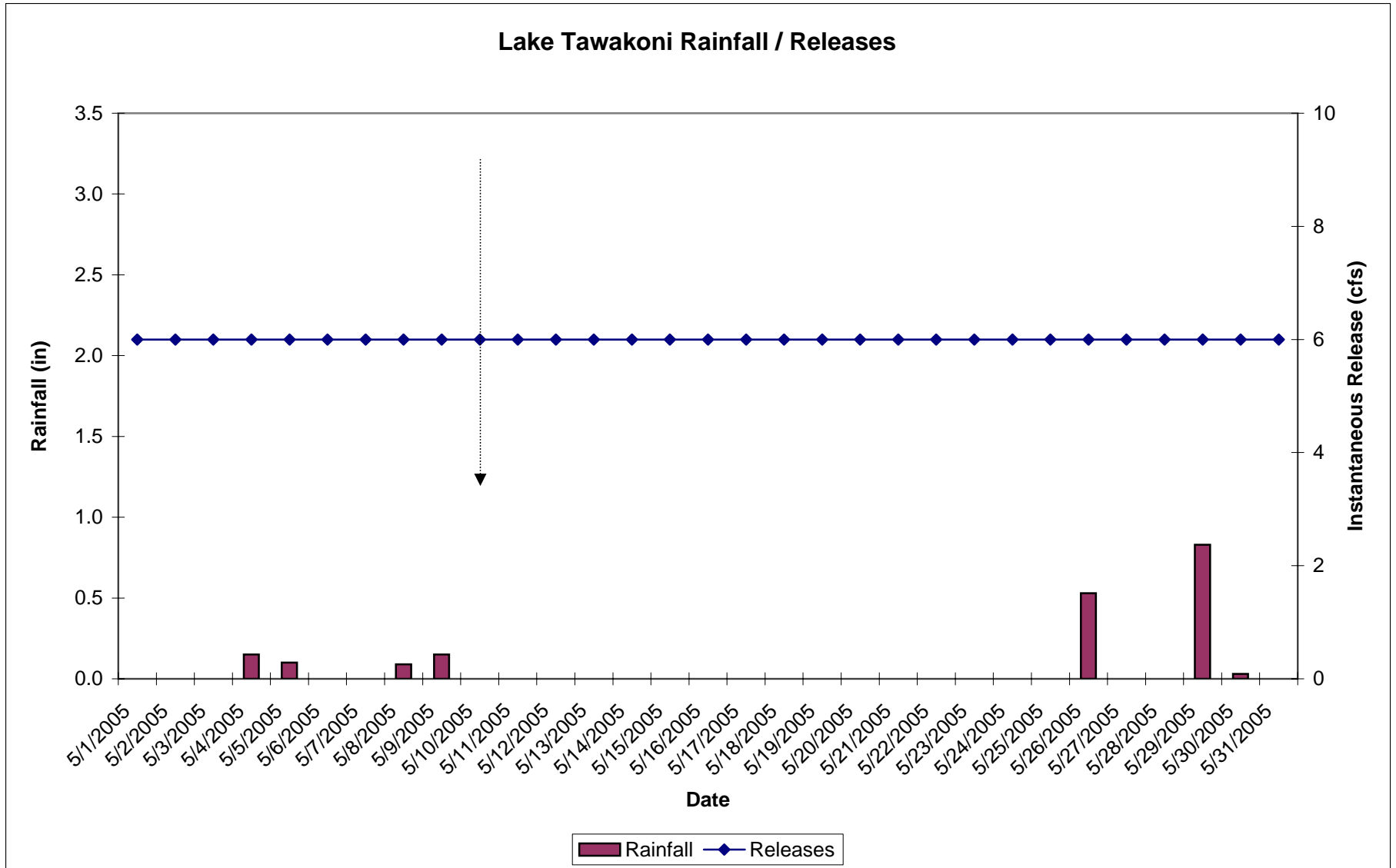
Lake Tawakoni Sampled on 5/10/2005

Lake Elev from USGS daily mean elevation
 USGS 08017400 Lk Tawakoni nr Wills Point, TX
http://waterdata.usgs.gov/tx/nwis/dv/?site_no=08017400&agency_cd=USGS
 Acquired 6/6/2005; provisional and subject to revision by USGS.

Other values measured by SRA-TX

SABINE RIVER AUTHORITY OF TEXAS

May 2005



Please Note : Lake Tawakoni has an uncontrolled spillway.

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Lake Fork Weather and Reservoir Data

May 2005

Date	Lake Elev	LE - TOP	Releases avg	Releases cur	Max Temp	Min Temp	Rainfall	Evap
5/1/2005	402.78	(0.22)	8	8	70	40	0.00	0.18
5/2/2005	402.76	(0.24)	8	8	76	46	0.00	0.25
5/3/2005	402.74	(0.26)	8	8	72	48	0.00	0.13
5/4/2005	402.74	(0.26)	8	8	70	50	0.17	0.02
5/5/2005	402.73	(0.27)	8	8	70	48	0.05	0.12
5/6/2005	402.71	(0.29)	8	8	80	52	0.00	0.22
5/7/2005	402.70	(0.30)	8	8	84	56	0.00	0.32
5/8/2005	402.70	(0.30)	8	8	84	60	0.00	0.37
5/9/2005	402.73	(0.27)	8	8	72	54	0.30	0.12
5/10/2005	402.73	(0.27)	8	8	80	56	0.00	0.09
5/11/2005	402.71	(0.29)	8	8	90	62	0.00	0.30
5/12/2005	402.71	(0.29)	8	8	90	65	0.00	0.32
5/13/2005	402.70	(0.30)	8	8	88	62	0.00	0.37
5/14/2005	402.70	(0.30)	8	8	88	66	0.00	0.29
5/15/2005	402.68	(0.32)	8	8	84	52	0.00	0.22
5/16/2005	402.66	(0.34)	8	8	84	54	0.00	0.33
5/17/2005	402.62	(0.38)	8	8	84	56	0.00	0.31
5/18/2005	402.61	(0.39)	8	8	86	60	0.00	0.22
5/19/2005	402.60	(0.40)	8	8	86	62	0.00	0.37
5/20/2005	402.59	(0.41)	8	8	88	64	0.00	0.27
5/21/2005	402.59	(0.41)	8	8	96	68	0.00	0.28
5/22/2005	402.58	(0.42)	8	8	98	66	0.00	0.28
5/23/2005	402.56	(0.44)	8	8	98	66	0.00	0.33
5/24/2005	402.55	(0.45)	8	8	96	66	0.00	0.41
5/25/2005	402.55	(0.45)	8	8	92	66	0.00	0.22
5/26/2005	402.56	(0.44)	8	8	92	64	0.18	0.26
5/27/2005	402.54	(0.46)	8	8	88	62	0.00	0.25
5/28/2005	402.53	(0.47)	8	8	90	66	0.00	0.31
5/29/2005	402.55	(0.45)	8	8	82	66	0.55	0.10
5/30/2005	402.54	(0.46)	8	8	82	64	0.00	0.13
5/31/2005	402.53	(0.47)	8	8	84	66	0.02	0.19
Avg or Tot	402.64	(0.36)	8	8	85	59	1.27	7.58

	Avg	Avg	Avg		Avg	Avg	Tot	Tot
Units	Feet M.S.L.	Feet	cfs	cfs	Deg F	Deg F	Inches	Inches
			Previous 24 hrs					

TOP: Top of Pool = 403 Feet M.S.L.

NR: No Reading
FZ: Gage Frozen

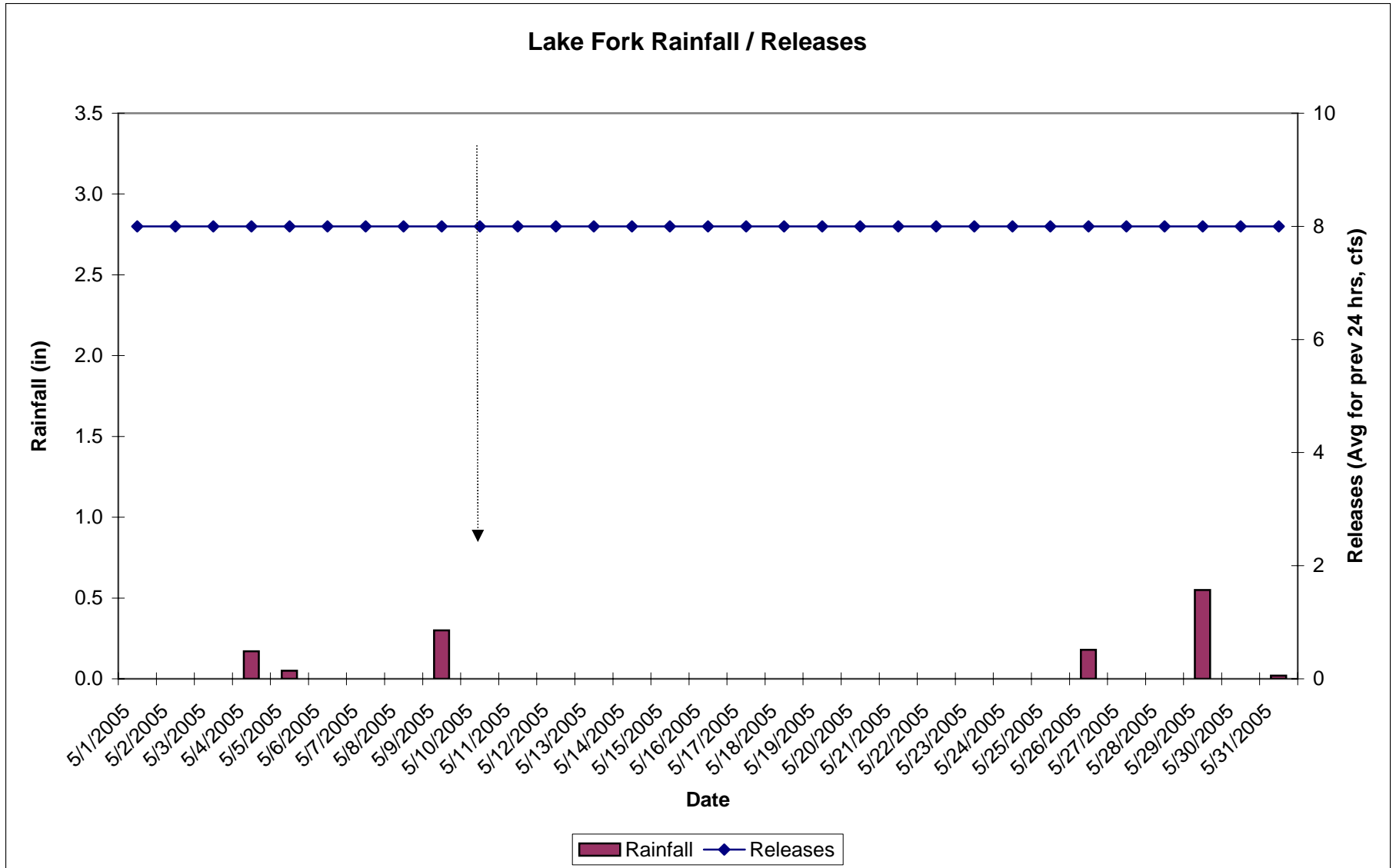
Lake Fork Sampled on 5/10/2005

Lake Elev from USGS daily mean elevation
USGS 08018800 Lake Fork Res nr Quitman, TX
http://waterdata.usgs.gov/tx/nwis/dv/?site_no=08018800&agency_cd=USGS
Acquired 6/6/2005; provisional and subject to revision by USGS.

Other values measured by SRA-TX

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FY 2005 Fixed Monitoring Stations

Lower Sabine Basin

SW	Segment	Station	Location
4.00	0504	10403 (TB8)	TOLEDO BEND RESERVOIR AT US 84 NEAR LOGANSPO RT LA
4.00	0504	18051 (TB7A)	TOLEDO BEND RESERVOIR AT RECREATION SITE 1
4.00	0504	18052 (TB6R)	TOLEDO BEND RAGTOWN
4.00	0504	18053 (TB6LN)	TOLEDO BEND RESERVOIR SAN MIGUEL ARM BOAT LANE
4.00	0504	15655 (TB6J)	TOLEDO BEND RESERVOIR PATROON BAYOU BRANCH AT FM 276
4.00	0504	15659 (TB6K)	TOLEDO BEND RESERVOIR IN LANANA BAYOU AT LOUISIANA SH 191 IN SABINE PARISH LOUISIANA WEST OF MANY
4.00	0504	10402 (TB6H)	TOLEDO BEND RESERVOIR AT SH 21 NORTHEAST OF MILAM
4.00	0504	18054 (TB6Q)	TOLEDO BEND RESERVOIR IN NEGREET BAYOU
4.00	0504	10411 (TB6F)	TOLEDO BEND RESERVOIR IN SUNSHINE BAY NEAR FM 3121 BRIDGE
4.00	0504	10407 (TB6CN)	TOLEDO BEND RESERVOIR IN SIX MILE BOAT LANE AT SH 87
4.00	0504	10404 (TB6A)	TOLEDO BEND RESERVOIR MAIN LAKE ABOVE THE DAM AT THE OLD RIVER CHANNEL
3.03	0503	10340 (BA4)	ANACOCO BAYOU AT LOUISIANA HWY 111 CROSSING SOUTHWEST OF KNIGHT LA
3.00	0503	10401 (TB6S)	SABINE RIVER BELOW TOLEDO BEND RESERVOIR AT RIGHT ABUTMENT OF SPILLWAY FOR DAM
3.00	0503	10399 (SR5)	SABINE RIVER AT SH 63 EAST OF BURKEVILLE TX.
3.00	0503	10398 (SR3)	SABINE RIVER AT US 190 EAST OF BON WIER TX.
2.05	0513	10465 (BCC1)	BIG COW CREEK AT FM 1416 SOUTH OF BON WIER
2.00	0502	10397 (SR2)	SABINE RIVER AT SH 12 NORTH OF DEWEYVILLE TX.

SABINE RIVER AUTHORITY OF TEXAS

Lower Basin Report

May 2005

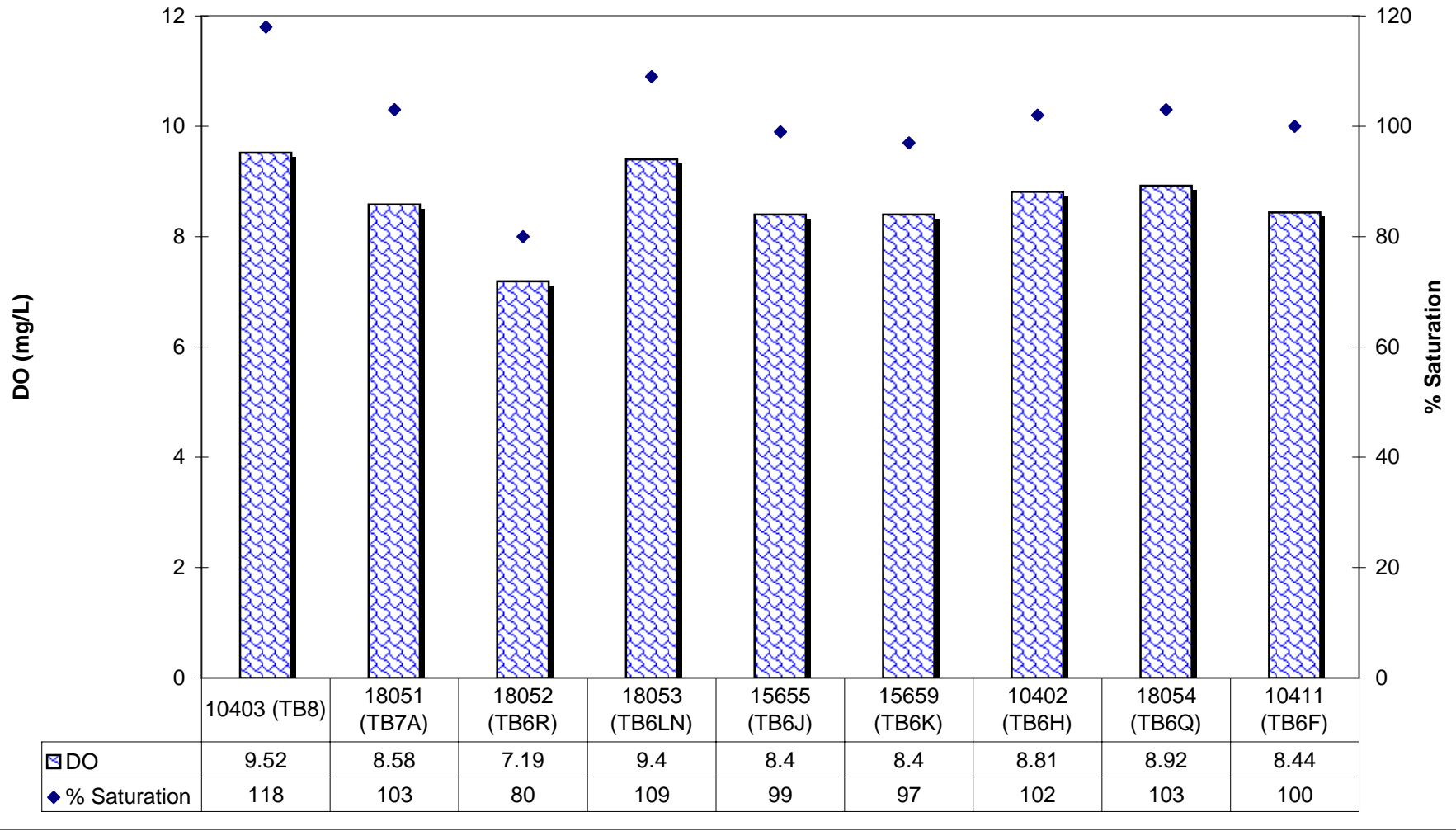
Date	SW ID	Station	Temperature °C 00010	pH Units 00400	DO mg/L 00300	% Saturation 00301	Conductivity µS/cm 00094	Salinity ppt 00480	Secchi Meters 00078	Turbidity NTU 82079	<i>E. coli</i> mpn/100ml 31699	Chlorophyll a µg/L 32211	Nitrite mg/L 00615	Nitrate mg/L 00620	Ortho- Phosphate 00671	TOC mg/L 00680	Total Alkalinity 00410	Total Hardness 00900	Chloride mg/L 00940	Sulfate mg/L 00945
5/11/05 11:35 AM	4.00	10403 (TB8)	25.4	7.65	9.52	118	365	*	0.46	12.4	41	*	< 0.02	< 0.02	< 0.04	9	53	76	53.8	36.3
5/11/05 12:00 PM	4.00	18051 (TB7A)	24	7.34	8.58	103	344	*	0.46	12	4	*	< 0.02	< 0.02	< 0.04	9	51	68	49.1	40
5/9/05 9:55 AM	4.00	18052 (TB6R)	20.8	7.31	7.19	80	202	*	0.74	4.97	< 1	25	< 0.02	0.02	< 0.04	9	31	48	24.8	24.4
5/9/05 12:05 PM	4.00	18053 (TB6LN)	22.8	8.35	9.4	109	149	*	0.74	4.08	1	*	< 0.02	0.12	< 0.04	9	23	36	17.5	19
5/10/05 10:24 AM	4.00	15655 (TB6J)	23.4	7.41	8.4	99	166	*	0.8	4.48	6	*	< 0.02	0.02	< 0.04	8	26	44	17	24.3
5/10/05 12:50 PM	4.00	15659 (TB6K)	22.6	7.33	8.4	97	154	*	0.87	3.3	2	*	< 0.02	< 0.02	< 0.04	8	24	40	17.2	20.7
5/10/05 11:30 AM	4.00	10402 (TB6H)	22.4	7.51	8.81	102	157	*	1.15	2.34	2	8	< 0.02	< 0.02	< 0.04	9	24	72	17.7	20
5/9/05 12:50 PM	4.00	18054 (TB6Q)	22.9	8.04	8.92	103	148	*	1.25	2.18	< 1	*	< 0.02	0.05	< 0.04	8	23	36	16.8	19
5/10/05 10:44 AM	4.00	10411 (TB6F)	23.6	7.11	8.44	100	109	*	1.04	2.8	2	8	< 0.02	0.02	< 0.04	6	22	40	10.3	14.3
5/10/05 9:45 AM	4.00	10407 (TB6CN)	23.4	6.88	8.07	95	135	*	1.08	3.46	6	*	< 0.02	0.05	< 0.04	8	23	36	14.1	17.8
5/9/05 1:50 PM	4.00	10404 (TB6A)	21.7	7.47	8.74	99	135	*	1.48	1.55	3	5	< 0.02	0.04	< 0.04	7	24	32	15.1	15.9
5/11/05 12:11 PM	3.03	10340 (BA4)	25.1	7.19	6.83	83	334	*	0.28	6.48	20	*	< 0.02	0.08	< 0.04	7	25	36	13.4	20.7
5/11/05 10:30 AM	3.00	10401 (TB6S)	18.3	6.99	8.9	94	131	*	> 1.22	3.11	9	*	< 0.02	0.14	< 0.04	7	26	40	14.6	15.6
5/11/05 11:45 AM	3.00	10399 (SR5)	21.9	7.31	8.06	92	131	*	0.53	5.02	19	4	< 0.02	0.08	< 0.04	7	24	36	14.4	15.7
5/11/05 12:30 PM	3.00	10398 (SR3)	24.2	7.27	7.77	93	143	*	0.54	16.5	35	6	< 0.02	0.21	< 0.04	12	49	40	12.6	80
5/11/05 9:18 AM	2.05	10465 (BCC1)	21.2	6.86	7.89	89	35	*	0.28	21.6	461	*	< 0.02	0.14	< 0.04	5	< 10	20	< 10	< 10
5/11/05 8:45 AM	2.00	10397 (SR2)	24.3	7.11	7.62	91	138	*	0.38	13.1	5	8	< 0.02	0.05	0.04	8	26	36	12.8	18.1

*: Not sampled on this run

SABINE RIVER AUTHORITY OF TEXAS

May 2005

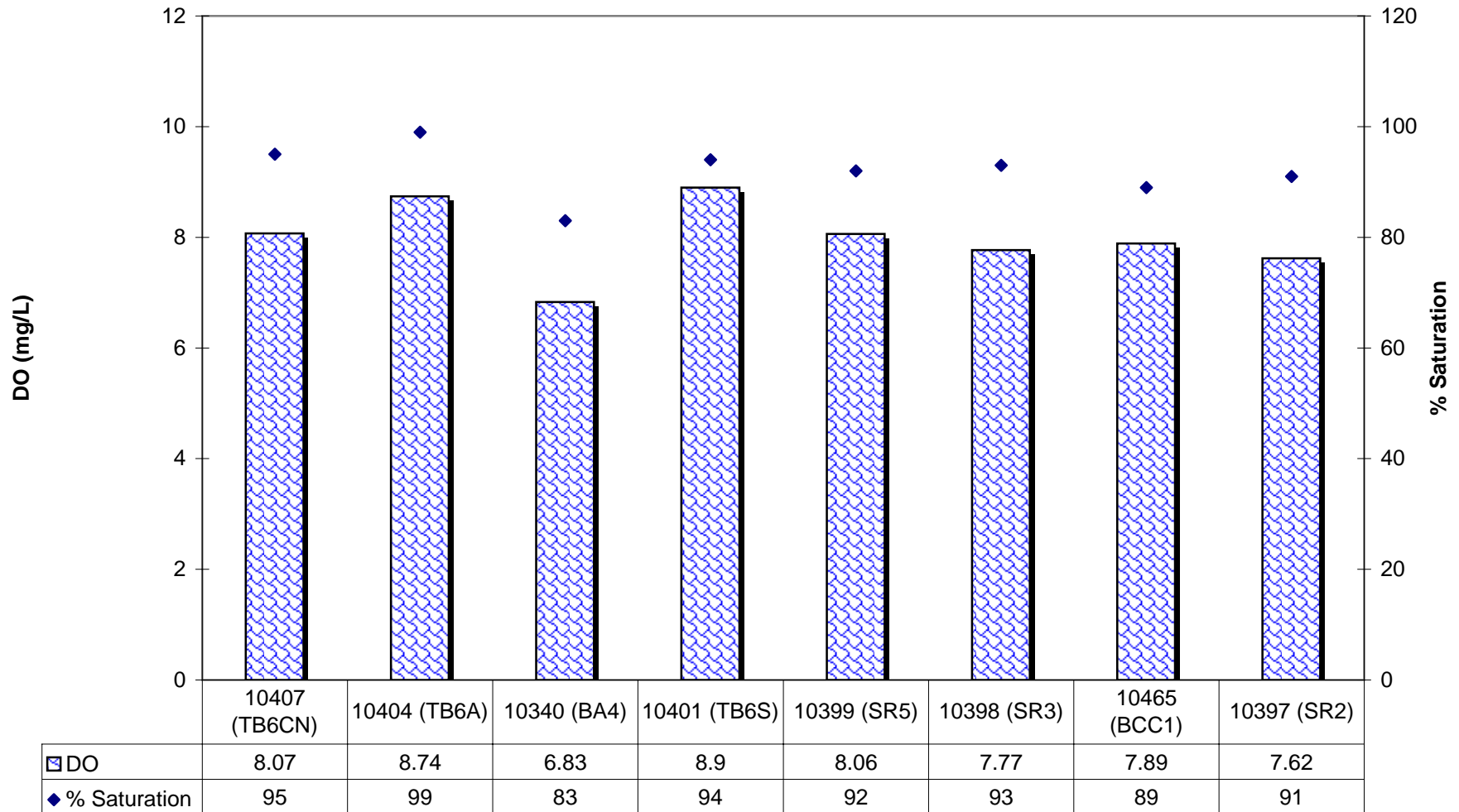
Lower Sabine Basin DO / % Saturation (1 of 2)



SABINE RIVER AUTHORITY OF TEXAS

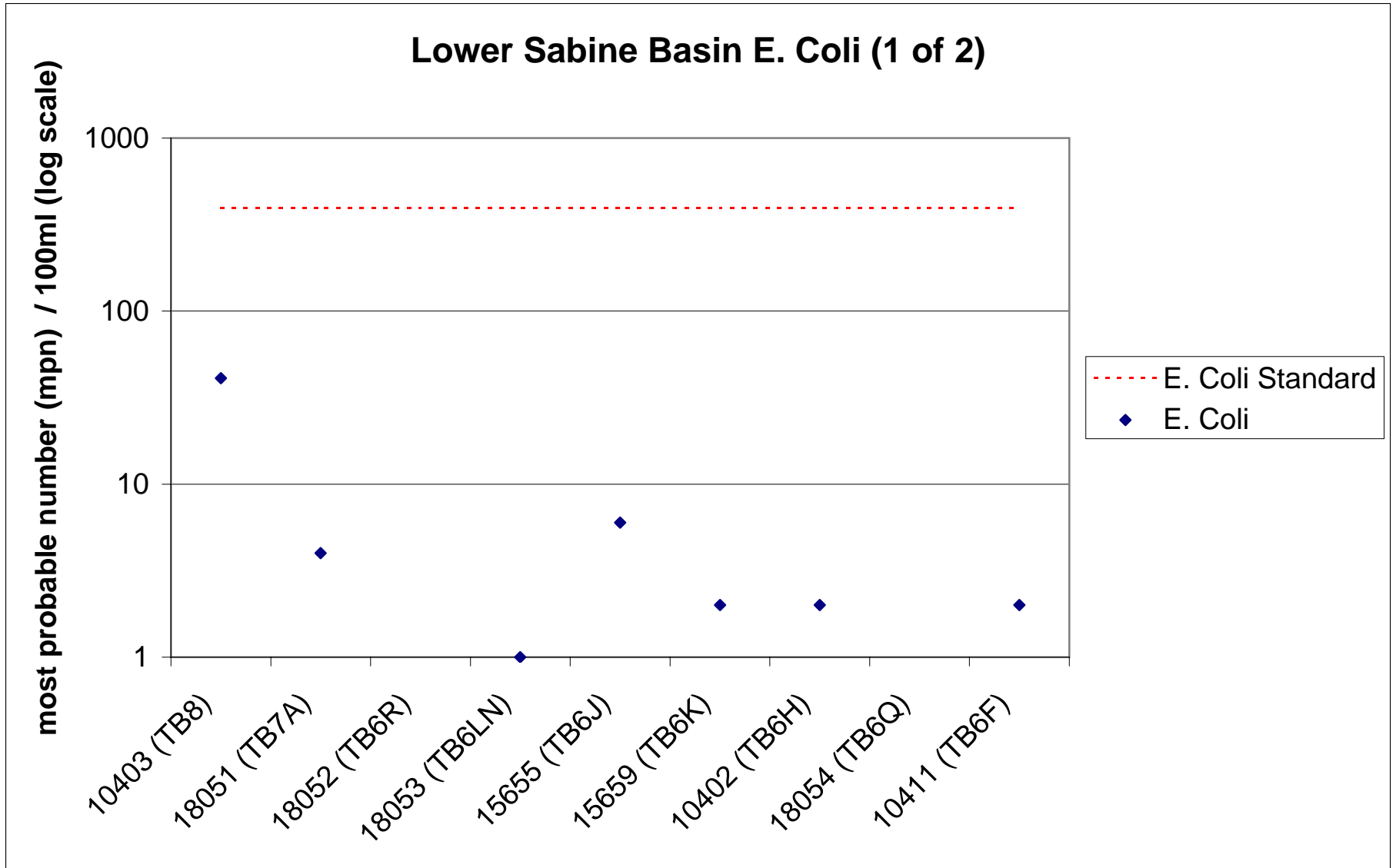
May 2005

Lower Sabine Basin DO / % Saturation (2 of 2)



SABINE RIVER AUTHORITY OF TEXAS

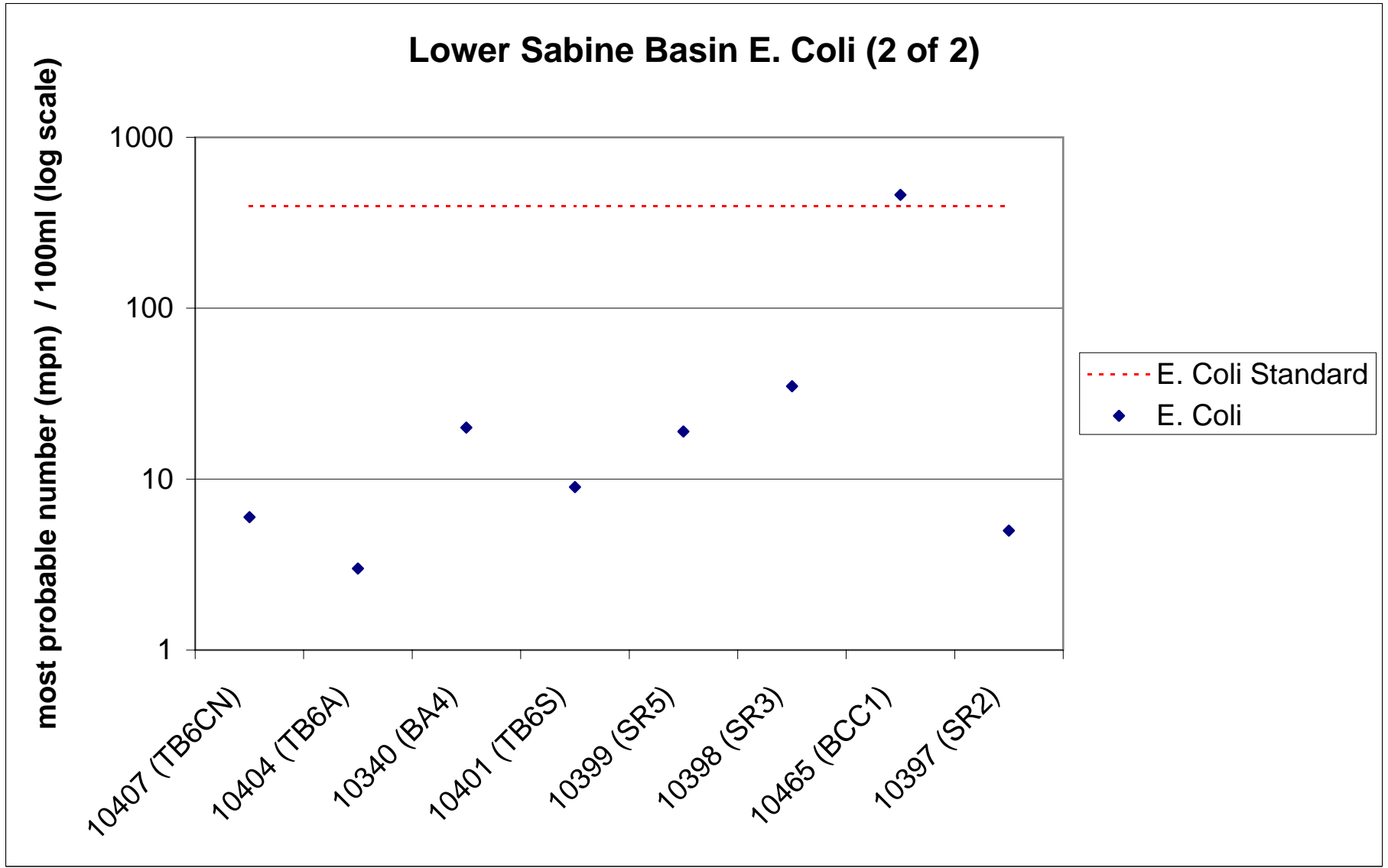
May 2005



Stations without values were below detection limit on this run (see page 18)

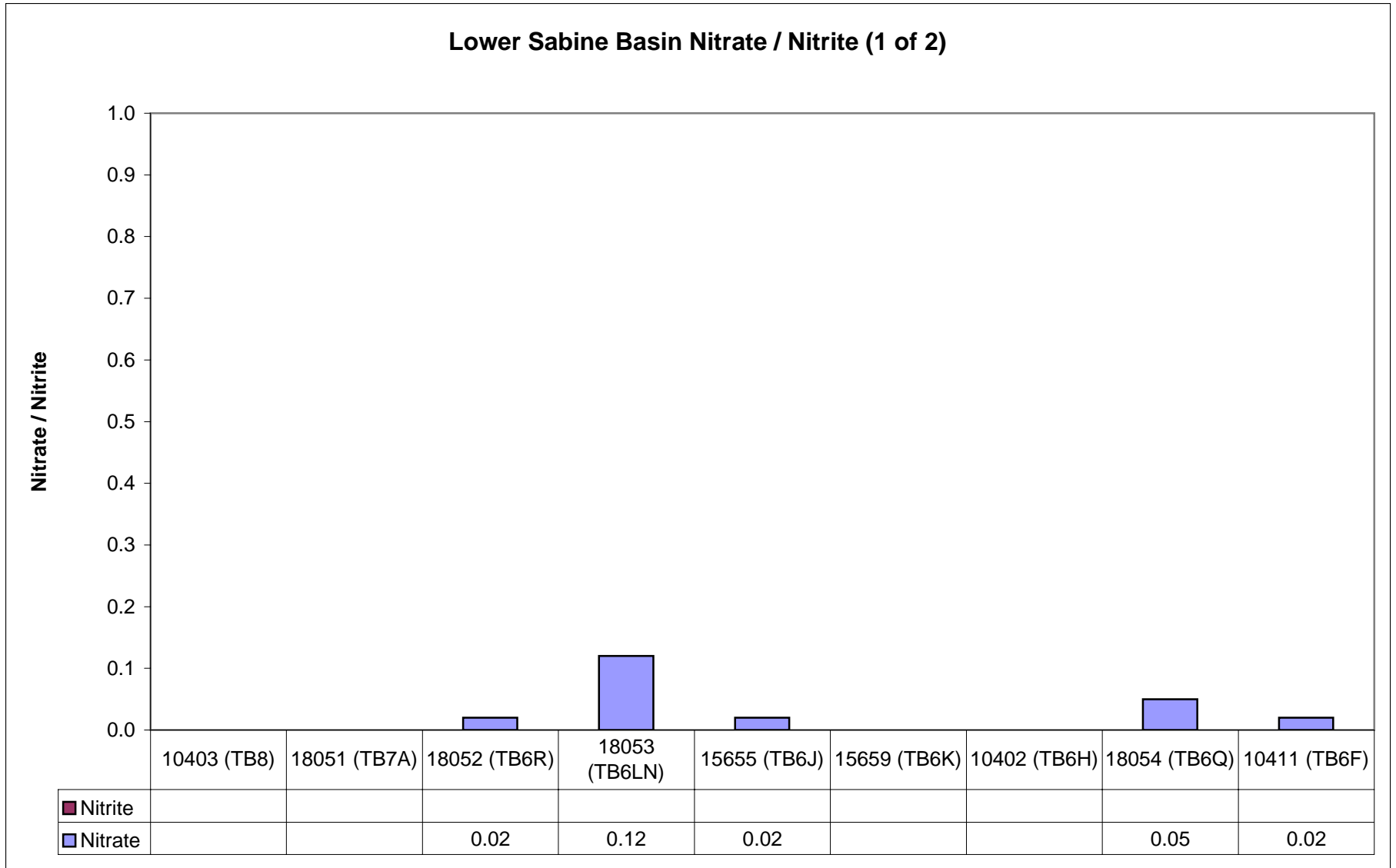
SABINE RIVER AUTHORITY OF TEXAS

May 2005



SABINE RIVER AUTHORITY OF TEXAS

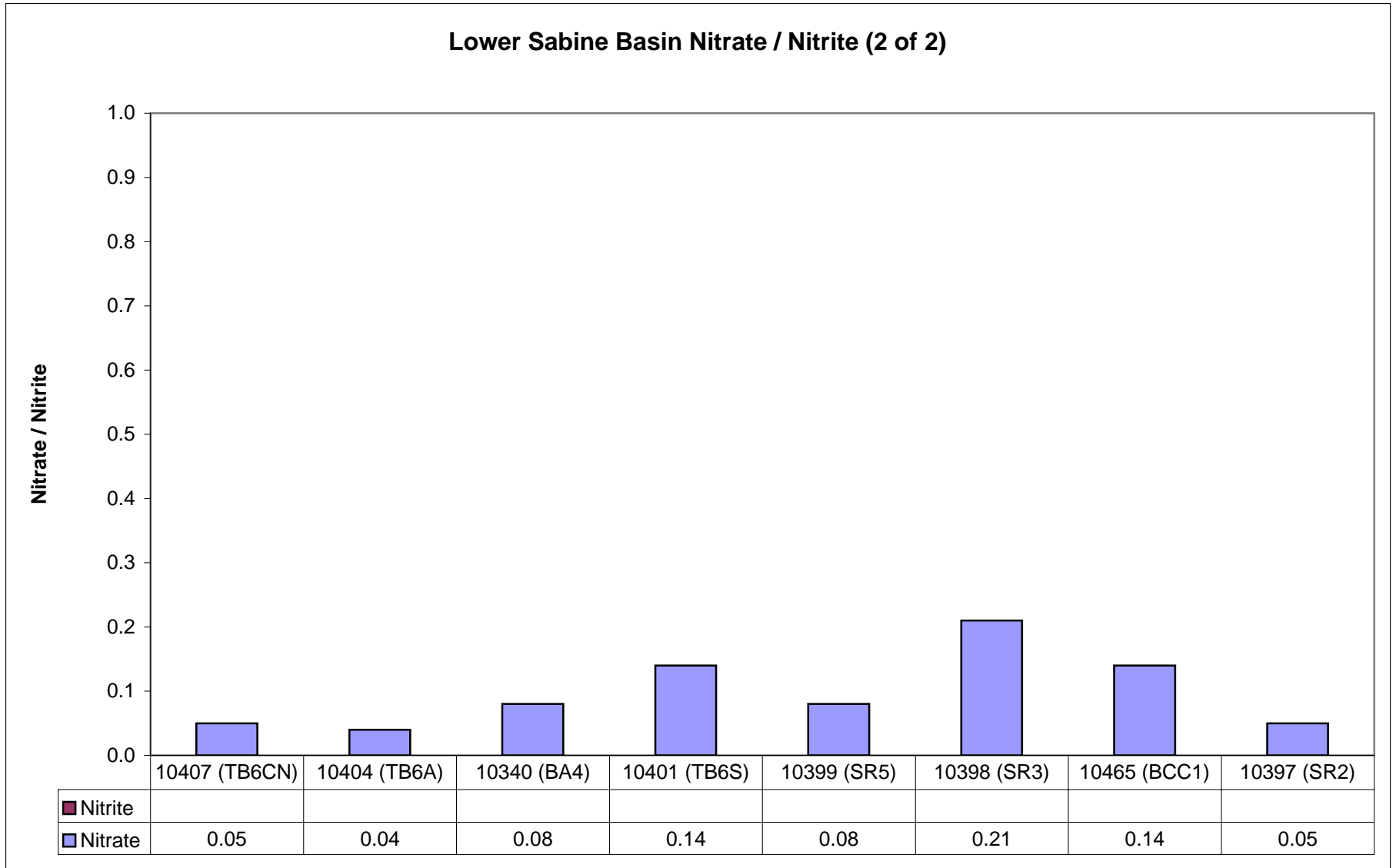
May 2005



Stations without values below detection limit (< 0.02 mg/L) on this run (see page 18)

SABINE RIVER AUTHORITY OF TEXAS

May 2005



Stations without values below detection limit (< 0.02 mg/L) on this run (see page 18)

SABINE RIVER AUTHORITY OF TEXAS

Lower Basin Profiles

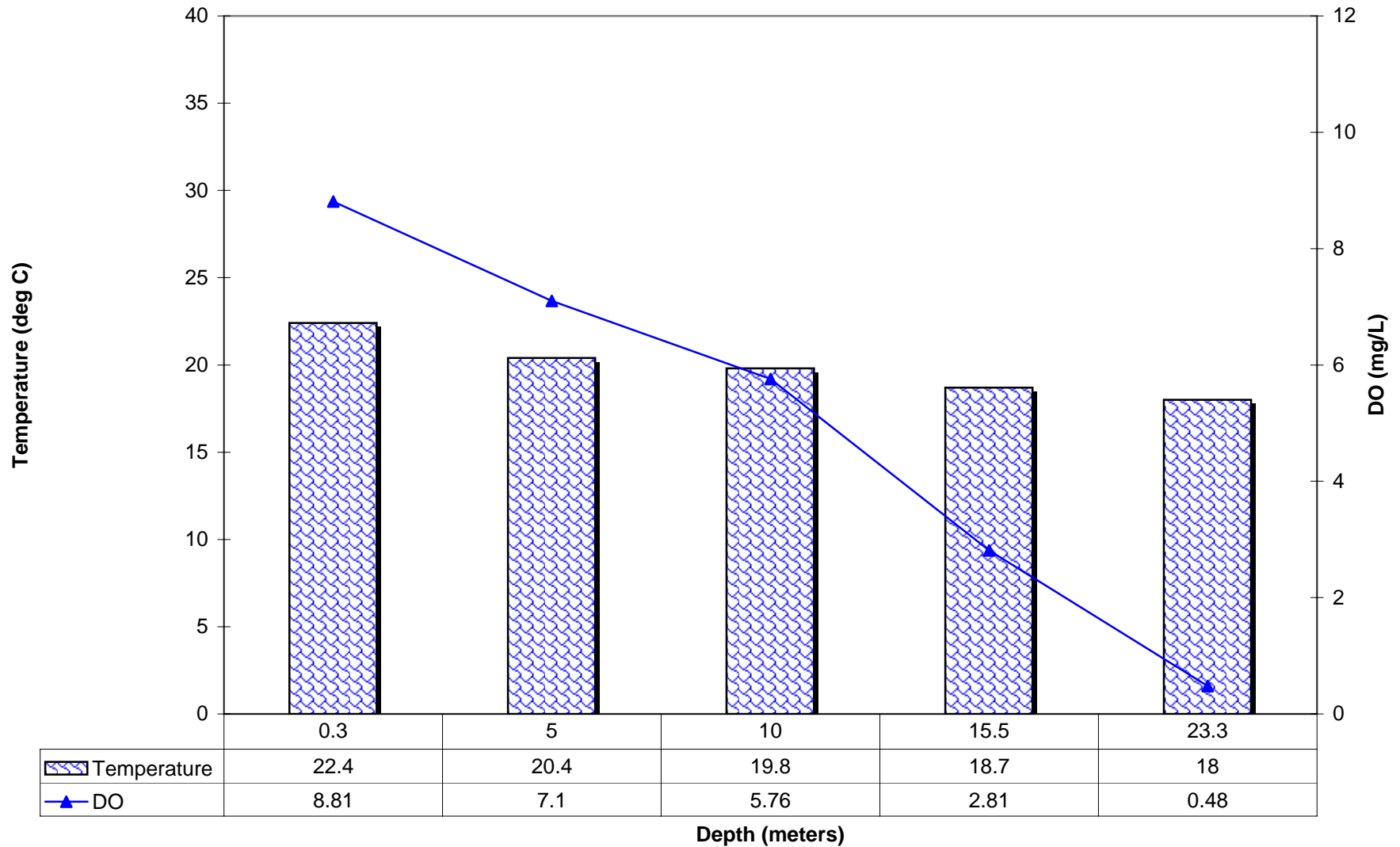
May 2005

Date	SW ID	Station	Depth Meters	Temperature	pH	DO	%	Conductivity
				°C 00010	Units 00400	mg/L 00300	Saturation 00301	µS/cm 00094
5/11/05 11:35 AM	4.00	10403 (TB8)	0.3	25.4	7.65	9.52	118	365
			5	22.4	6.87	3.53	41	366
			10.7	22.2	6.85	2.7	31	374
5/11/05 12:00 PM	4.00	18051 (TB7A)	0.3	24	7.34	8.58	103	344
			4.8	21.8	6.89	3.68	42	362
			9.6	20.8	6.8	2.35	27	332
5/9/05 9:55 AM	4.00	18052 (TB6R)	0.3	20.8	7.31	7.19	80	202
			5	20.7	7.19	7.09	79	201
			10	20.6	6.96	6.45	73	201
			15.5	19.9	6.79	4.64	50	206
5/9/05 12:05 PM	4.00	18053 (TB6LN)	0.3	22.8	8.35	9.4	109	149
			2.5	22.1	7.23	8.09	93	148
			5.6	20.9	7	5.06	56	145
5/10/05 10:24 AM	4.00	15655 (TB6J)	0.3	23.4	7.41	8.4	99	166
			2	22.9	6.94	7.57	89	165
			4.5	21.5	6.8	2.38	26	174
5/10/05 12:50 PM	4.00	15659 (TB6K)	0.3	22.6	7.33	8.4	97	154
			2	22.1	7.05	7.98	92	156
			4	21.3	6.72	6.15	70	157
			8.9	20.8	6.72	3.82	42	151
5/10/05 11:30 AM	4.00	10402 (TB6H)	0.3	22.4	7.51	8.81	102	157
			5	20.4	6.88	7.1	79	156
			10	19.8	6.67	5.76	64	156
			15.5	18.7	6.52	2.81	30	155
			23.3	18	6.45	0.48	5	158
5/9/05 12:50 PM	4.00	18054 (TB6Q)	0.3	22.9	8.04	8.92	103	148
			4	22.1	7.11	7.94	92	147
			8.6	19.8	6.9	3.83	42	145
5/10/05 10:44 AM	4.00	10411 (TB6F)	0.3	23.6	7.11	8.44	100	109
			2.5	20.7	6.64	4.85	54	106
			5.2	20.5	6.65	2.48	27	110
5/10/05 9:45 AM	4.00	10407 (TB6CN)	0.3	23.4	6.88	8.07	95	135
			3	21.5	6.37	5.38	62	136
			6.6	20.8	6.31	1.36	14	144
5/9/05 1:50 PM	4.00	10404 (TB6A)	0.3	21.7	7.47	8.74	99	135
			4	20.3	7.2	8.31	92	134
			8	19.4	6.94	7.36	80	134

SABINE RIVER AUTHORITY OF TEXAS

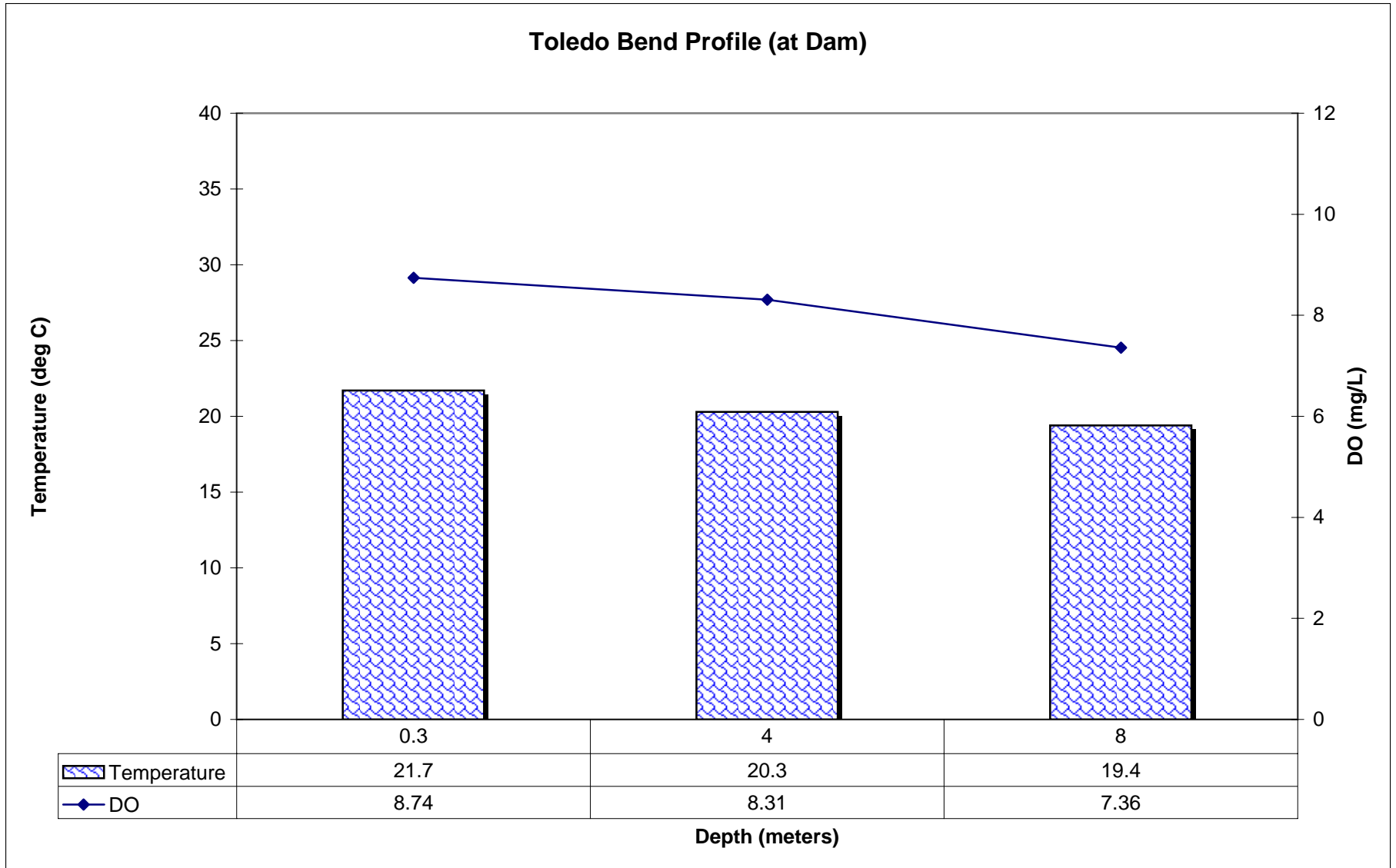
May 2005

Toledo Bend Profile (at Pendleton Bridge)



SABINE RIVER AUTHORITY OF TEXAS

May 2005



SABINE RIVER AUTHORITY OF TEXAS

Toledo Bend Weather and Reservoir Data

May 2005

Date	Lake Elev	LE - TOP	Max Temp	Min Temp	Rainfall	Evaporation	Daily Releases cfs	Daily Releases ac ft	Current Release
5/1/2005	170.63	(1.37)	60	46	0.04	0.06	240	405	204
5/2/2005	170.59	(1.41)	72	47	0.00	0.20	3,362	6,678	204
5/3/2005	170.57	(1.43)	75	50	0.00	0.24	3,243	6,432	204
5/4/2005	170.51	(1.49)	71	50	0.03	0.20	3,273	6,492	204
5/5/2005	170.47	(1.53)	67	49	0.00	0.14	3,226	6,399	204
5/6/2005	170.41	(1.59)	75	52	0.00	0.26	3,333	6,611	204
5/7/2005	170.32	(1.68)	86	52	0.00	0.30	2,026	4,019	204
5/8/2005	170.31	(1.69)	84	54	0.00	0.36	204	405	204
5/9/2005	170.36	(1.64)	74	57	0.80	0.14	3,164	6,276	204
5/10/2005	170.30	(1.70)	83	50	0.00	0.21	3,178	6,303	204
5/11/2005	170.25	(1.75)	86	60	0.00	0.27	3,194	6,335	204
5/12/2005	170.20	(1.80)	87	54	0.00	0.33	3,366	6,676	204
5/13/2005	170.17	(1.83)	86	64	0.00	0.33	3,258	6,462	204
5/14/2005	170.19	(1.81)	85	58	0.00	0.31	2,052	4,070	204
5/15/2005	170.24	(1.76)	84	56	0.00	0.25	204	405	204
5/16/2005	170.15	(1.85)	83	44	0.00	0.29	3,265	6,476	204
5/17/2005	170.07	(1.93)	77	48	0.00	0.24	3,235	6,417	204
5/18/2005	169.98	(2.02)	84	64	0.00	0.29	3,741	7,420	204
5/19/2005	169.96	(2.04)	86	46	0.00	0.29	3,272	6,490	204
5/20/2005	169.92	(2.08)	86	66	0.00	0.25	3,282	6,510	204
5/21/2005	169.94	(2.06)	88	66	0.00	0.27	2,150	4,264	240
5/22/2005	169.90	(2.10)	92	66	0.00	0.37	204	405	204
5/23/2005	169.84	(2.16)	93	60	0.00	0.36	3,190	6,327	204
5/24/2005	169.79	(2.21)	92	71	0.00	0.38	3,223	6,393	204
5/25/2005	169.76	(2.24)	90	59	0.00	0.34	3,343	6,631	204
5/26/2005	169.72	(2.28)	91	54	0.00	0.34	3,244	6,434	204
5/27/2005	169.65	(2.35)	89	65	0.00	0.29	3,309	6,563	204
5/28/2005	169.59	(2.41)	90	66	0.00	0.36	2,046	4,058	204
5/29/2005	169.62	(2.38)	88	57	0.51	0.38	204	405	204
5/30/2005	169.65	(2.35)	83	66	0.93	0.54	204	405	204
5/31/2005	169.68	(2.32)	83	66	0.13	0.15	3,253	6,452	204
Avg or Tot	170.09	(1.91)	83	57	2.44	8.74	2,532	155,618	

Units	Avg Feet M.S.L.	Avg Feet	Avg Deg. F	Avg Deg. F	Tot Inches	Tot Inches	Avg cfs	Tot Ac. Ft.	cfs
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approx. 8:00 a.m.

TOP: Top of Pool = 172 Feet M.S.L.

NR: No Reading

FZ: Gage Frozen

Toledo Bend Sampled on 5/9,10,11/2005

Lake Elev from USGS daily mean elevation

USGS 08025350 Toledo Bd Res nr Burkeville, TX

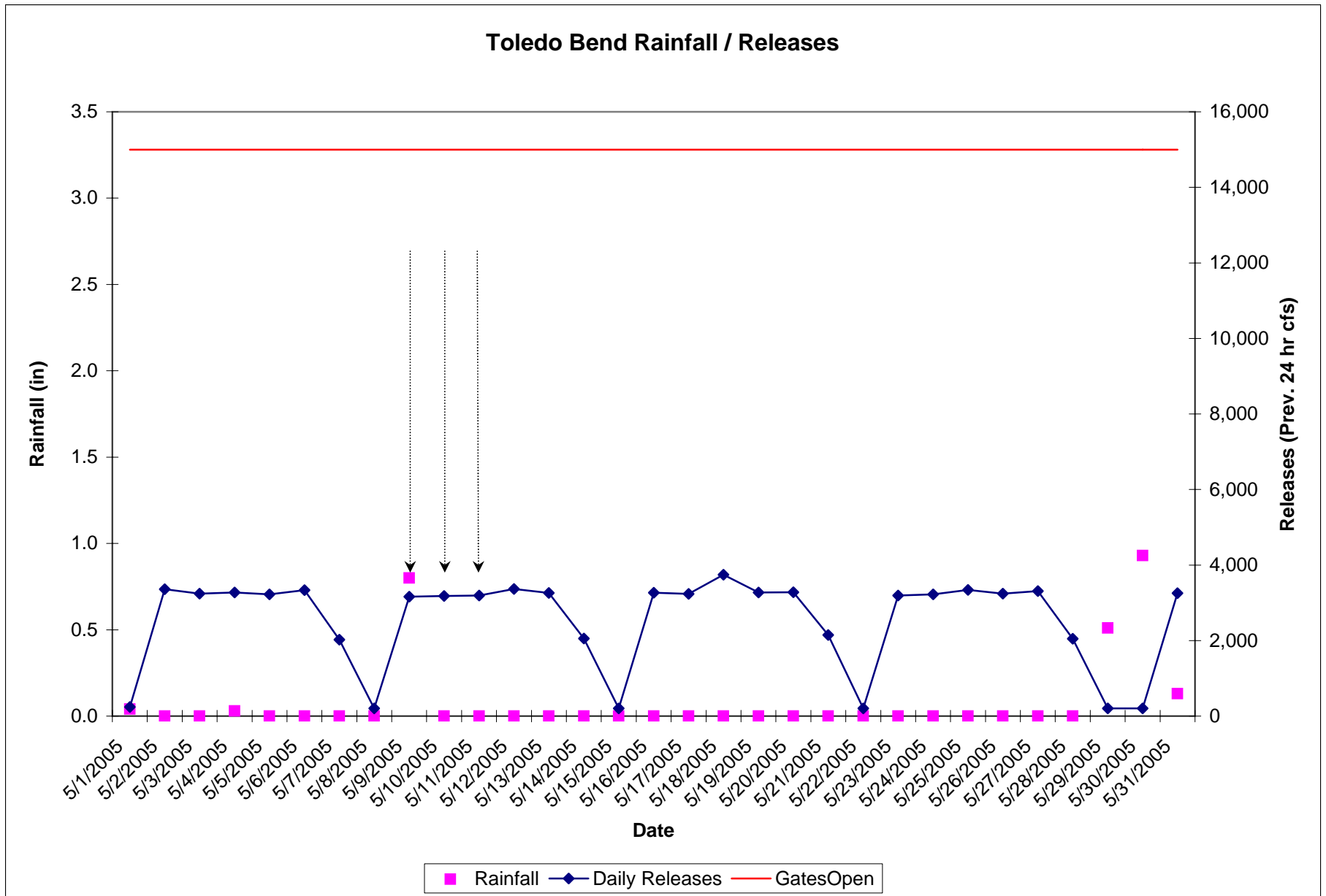
http://waterdata.usgs.gov/bx/nwis/dv/?site_no=08025350&agency_cd=USGS

Acquired 6/6/2005; provisional and subject to revision by USGS.

Other values measured by SRA-TX

SABINE RIVER AUTHORITY OF TEXAS

May 2005



Toledo Bend sampled on 5/9,10,11/2005

Flood gates open when flow greater than approximately 15,000 cfs

SABINE RIVER AUTHORITY OF TEXAS

Burkeville Weather and River Data

May 2005

Date	Rainfall	Gauge Height	GH - FS	Flow
5/1/2005	OUT	12.33	(25.67)	493
5/2/2005	OUT	13.92	(24.08)	1,790
5/3/2005	OUT	16.59	(21.41)	3,600
5/4/2005	OUT	16.54	(21.46)	3,560
5/5/2005	OUT	16.54	(21.46)	3,550
5/6/2005	OUT	16.49	(21.51)	3,510
5/7/2005	OUT	15.98	(22.02)	2,970
5/8/2005	OUT	14.22	(23.78)	1,590
5/9/2005	OUT	14.12	(23.88)	1,850
5/10/2005	OUT	16.48	(21.52)	3,500
5/11/2005	OUT	16.45	(21.55)	3,470
5/12/2005	OUT	16.56	(21.44)	3,590
5/13/2005	OUT	16.59	(21.41)	3,610
5/14/2005	OUT	16.03	(21.97)	3,020
5/15/2005	OUT	14.18	(23.82)	1,580
5/16/2005	OUT	13.90	(24.10)	1,750
5/17/2005	OUT	16.44	(21.56)	3,460
5/18/2005	OUT	16.48	(21.52)	3,510
5/19/2005	OUT	16.52	(21.48)	3,540
5/20/2005	OUT	16.49	(21.51)	3,520
5/21/2005	OUT	16.01	(21.99)	3,020
5/22/2005	OUT	14.25	(23.75)	1,640
5/23/2005	OUT	13.86	(24.14)	1,730
5/24/2005	OUT	16.45	(21.55)	3,480
5/25/2005	OUT	16.53	(21.47)	3,560
5/26/2005	OUT	16.52	(21.48)	3,550
5/27/2005	OUT	16.45	(21.55)	3,490
5/28/2005	OUT	15.96	(22.04)	2,970
5/29/2005	OUT	14.27	(23.73)	1,630
5/30/2005	OUT	12.69	(25.31)	640
5/31/2005	OUT	13.93	(24.07)	1,770
Avg or Tot	OUT	15.48	(22.52)	2,740

	Tot	Avg	Avg	Avg
Units	Inches	Feet	Feet	cfs

FS: Flood Stage = 38 feet

OUT: Gage Out

Lower Sabine Basin Sampled on 5/11/2005

Gauge Height and Flow from USGS daily mean Gage height and Discharge, respectively

USGS 08026000 Sabine Rv nr Burkeville, TX

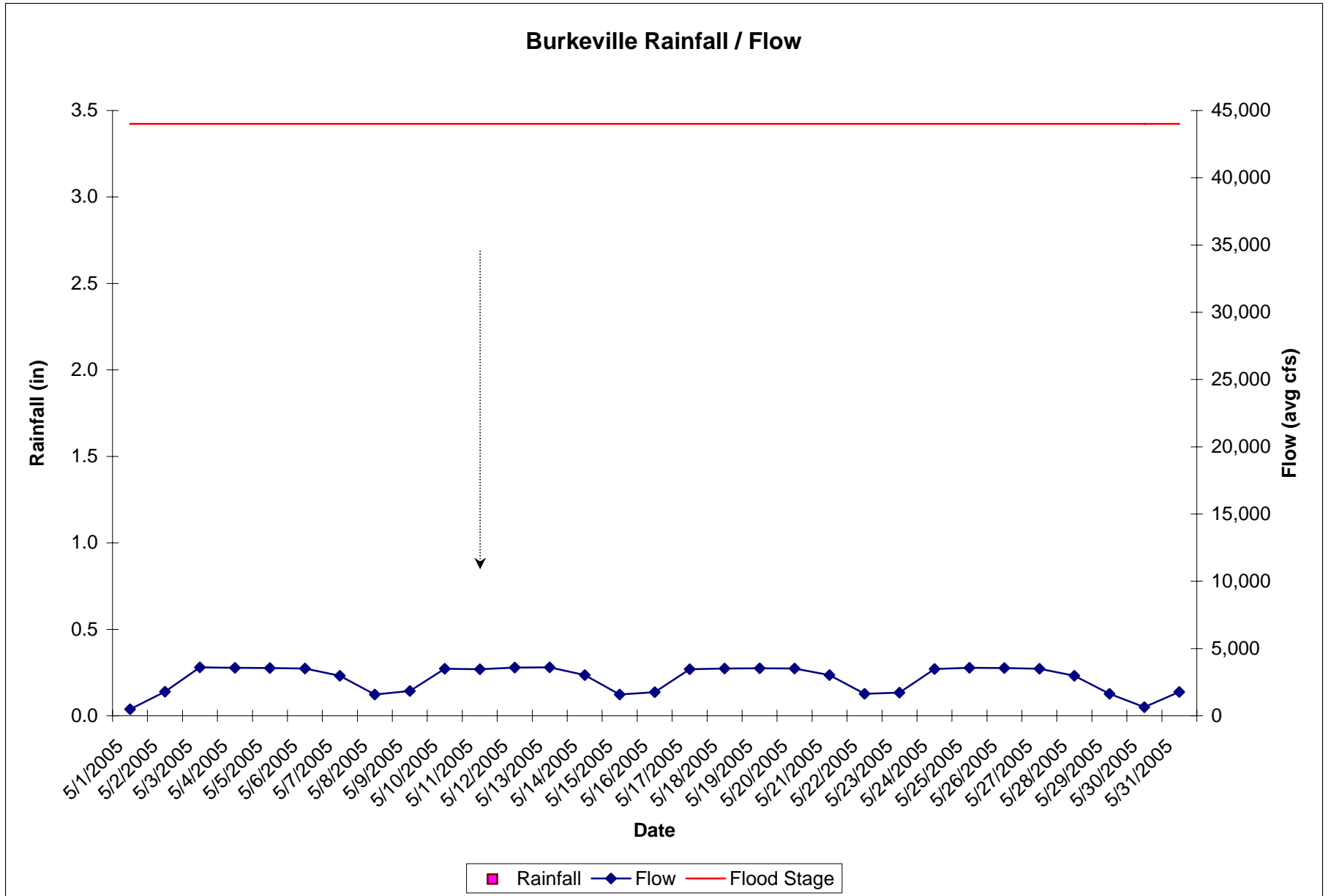
http://waterdata.usgs.gov/tx/nwis/dv/?site_no=08026000&agency_cd=USGS

Acquired 6/6/2005; provisional and subject to revision by USGS.

Other values measured by SRA-TX

SABINE RIVER AUTHORITY OF TEXAS

May 2005



Flood stage flow of 44,000 cfs calculated from flood stage gage height, 38 ft msl. (latest available rating curve; not USGS Web site)

SABINE RIVER AUTHORITY OF TEXAS

Bon Wier Weather and River Data

May 2005

Date	Gauge Height	GH - FS	Flow Avg	308 Rainfall
5/1/2005	13.52	(16.48)	880	OUT
5/2/2005	13.46	(16.54)	851	OUT
5/3/2005	15.25	(14.75)	2,120	OUT
5/4/2005	17.03	(12.97)	3,460	OUT
5/5/2005	17.08	(12.92)	3,510	OUT
5/6/2005	17.07	(12.93)	3,500	OUT
5/7/2005	17.05	(12.95)	3,480	OUT
5/8/2005	16.38	(13.62)	2,850	OUT
5/9/2005	14.97	(15.03)	1,770	OUT
5/10/2005	15.80	(14.20)	2,490	OUT
5/11/2005	17.15	(12.85)	3,580	OUT
5/12/2005	17.10	(12.90)	3,530	OUT
5/13/2005	17.17	(12.83)	3,600	OUT
5/14/2005	17.16	(12.84)	3,590	OUT
5/15/2005	16.42	(13.58)	2,880	OUT
5/16/2005	14.75	(15.25)	1,630	OUT
5/17/2005	15.28	(14.72)	2,120	OUT
5/18/2005	16.90	(13.10)	3,340	OUT
5/19/2005	17.01	(12.99)	3,450	OUT
5/20/2005	17.02	(12.98)	3,450	OUT
5/21/2005	17.03	(12.97)	3,460	OUT
5/22/2005	16.42	(13.58)	2,880	OUT
5/23/2005	14.86	(15.14)	1,700	OUT
5/24/2005	15.25	(14.75)	2,090	OUT
5/25/2005	16.94	(13.06)	3,380	OUT
5/26/2005	17.03	(12.97)	3,470	OUT
5/27/2005	17.00	(13.00)	3,430	OUT
5/28/2005	16.96	(13.04)	3,390	OUT
5/29/2005	16.37	(13.63)	2,840	OUT
5/30/2005	14.96	(15.04)	1,770	OUT
5/31/2005	14.05	(15.95)	1,160	OUT
Avg or Tot	16.14	(13.86)	2,763	OUT

Units	Avg Feet	Avg Feet	Avg	Tot Inches
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FS: Flood Stage = 30 feet

OUT: Gage Out

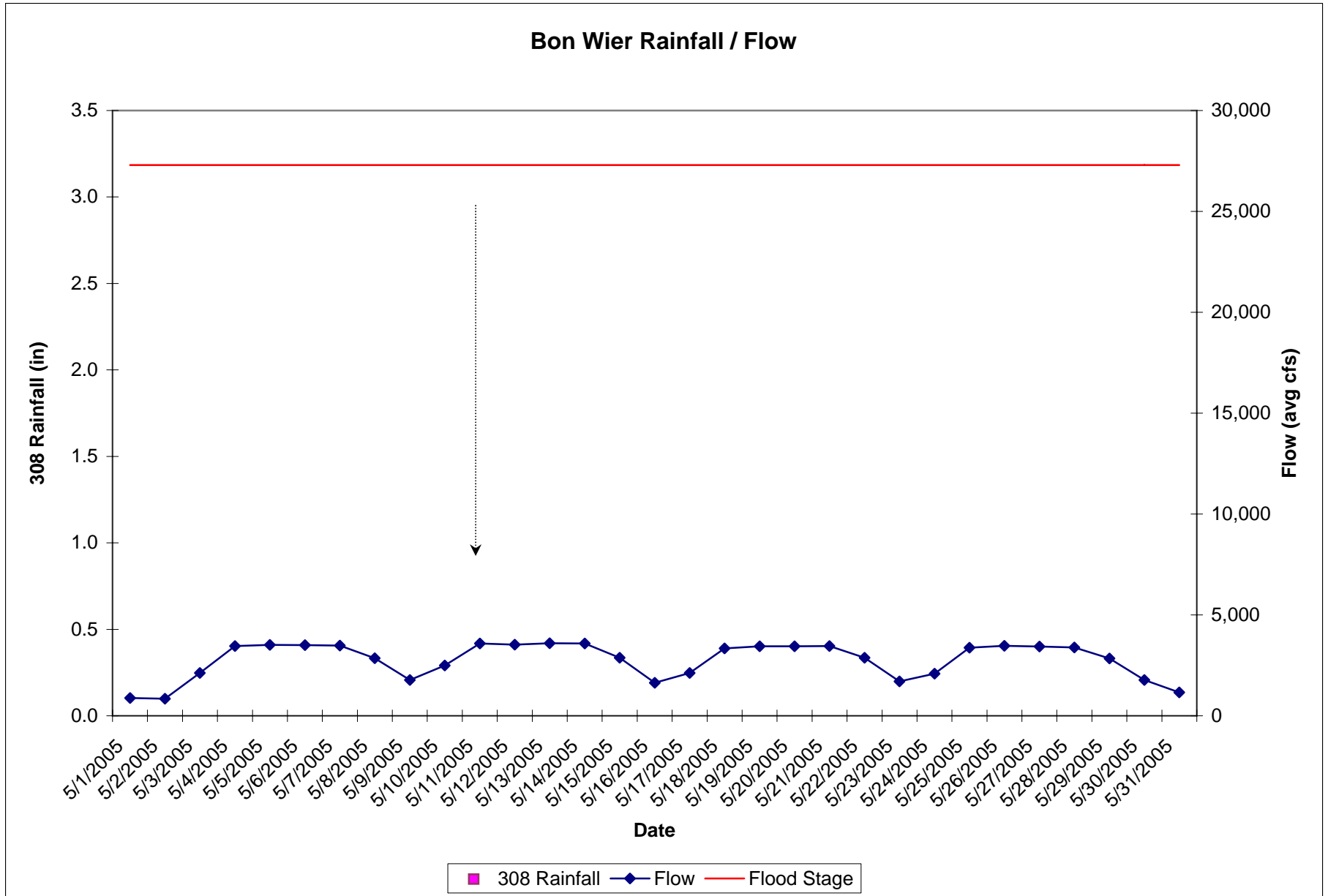
Lower Sabine Basin Sampled on 5/11/2005

Gauge Height and Flow from USGS daily mean Gage height and Discharge, respectively
 USGS 08028500 Sabine Rv nr Bon Wier, TX
http://waterdata.usgs.gov/tx/nwis/dv/?site_no=08028500&agency_cd=USGS
 Acquired 6/6/2005; provisional and subject to revision by USGS.

Other values measured by SRA-TX

SABINE RIVER AUTHORITY OF TEXAS

May 2005



5/11/2005

Flood stage flow of 27,300 cfs calculated from flood stage gage height, 30 ft msl. (USGS Web site)

SABINE RIVER AUTHORITY OF TEXAS

Ruliff Weather and River Data

May 2005

Date	Gauge Height	GH - FS	Flow cfs	Flow acft	309 Rainfall
5/1/2005	16.87	(7.13)	1,950	3,868	OUT
5/2/2005	16.17	(7.83)	1,620	3,213	OUT
5/3/2005	15.89	(8.11)	1,500	2,975	OUT
5/4/2005	16.34	(7.66)	1,710	3,392	OUT
5/5/2005	18.62	(5.38)	3,080	6,109	OUT
5/6/2005	19.42	(4.58)	3,720	7,379	OUT
5/7/2005	19.62	(4.38)	3,930	7,795	OUT
5/8/2005	19.66	(4.34)	3,980	7,894	OUT
5/9/2005	19.56	(4.44)	3,870	7,676	OUT
5/10/2005	18.83	(5.17)	3,240	6,426	OUT
5/11/2005	18.05	(5.95)	2,670	5,296	OUT
5/12/2005	19.13	(4.87)	3,470	6,883	OUT
5/13/2005	19.62	(4.38)	3,930	7,795	OUT
5/14/2005	19.72	(4.28)	4,040	8,013	OUT
5/15/2005	19.75	(4.25)	4,070	8,073	OUT
5/16/2005	19.57	(4.43)	3,880	7,696	OUT
5/17/2005	18.71	(5.29)	3,140	6,228	OUT
5/18/2005	17.49	(6.51)	2,310	4,582	OUT
5/19/2005	18.61	(5.39)	3,070	6,089	OUT
5/20/2005	19.29	(4.71)	3,590	7,121	OUT
5/21/2005	19.49	(4.51)	3,790	7,517	OUT
5/22/2005	19.54	(4.46)	3,840	7,617	OUT
5/23/2005	19.42	(4.58)	3,720	7,379	OUT
5/24/2005	18.67	(5.33)	3,110	6,169	OUT
5/25/2005	17.44	(6.56)	2,280	4,522	OUT
5/26/2005	18.60	(5.40)	3,060	6,069	OUT
5/27/2005	19.33	(4.67)	3,620	7,180	OUT
5/28/2005	19.50	(4.50)	3,800	7,537	OUT
5/29/2005	19.56	(4.44)	3,860	7,656	OUT
5/30/2005	19.49	(4.51)	3,790	7,517	OUT
5/31/2005	18.76	(5.24)	3,180	6,307	OUT
Avg or Tot	18.73	(5.27)	3,252	199,973	OUT

Units	Avg Feet	Avg Feet	Avg cfs	Tot ac ft
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FS: Flood Stage 24 feet with 10 foot datum

OUT: Gage Out

Lower Sabine Basin Sampled on 5/11/2005

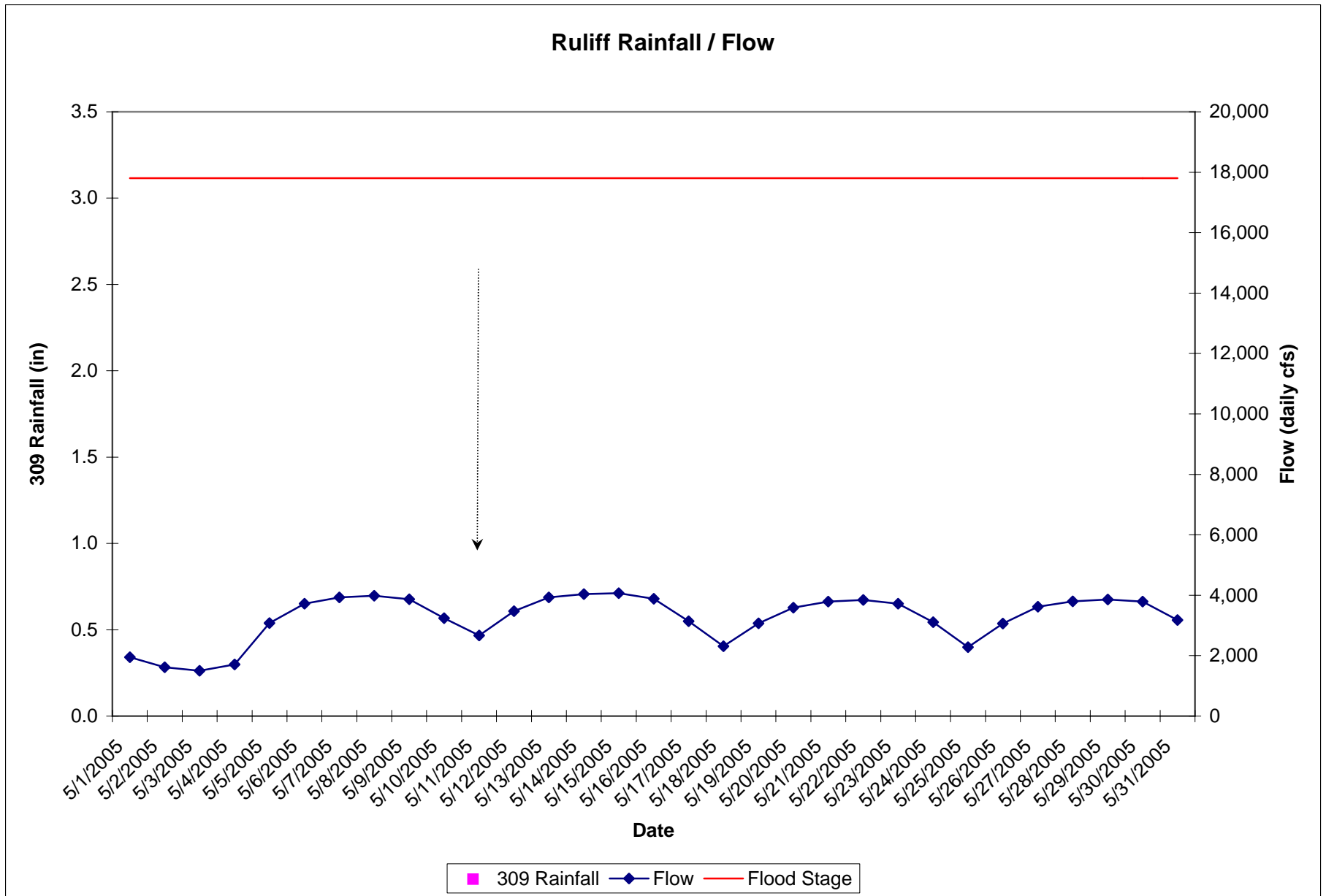
Gauge Height and Flow from USGS daily mean Gage height and Discharge, respectively
 USGS 08030500 Sabine Rv nr Ruliff, TX
http://waterdata.usgs.gov/tx/nwis/dv/?site_no=08030500&agency_cd=USGS
 Acquired 6/6/2005; provisional and subject to revision by USGS.

Other values measured by SRA-TX

Flow acft = Flow cfs * 1.98347

SABINE RIVER AUTHORITY OF TEXAS

May 2005



Lower Sabine Basin sampled on 5/11/2005

Flood stage flow of 17,800 cfs calculated from flood stage gage height, 24 ft msl. (USGS Web site)

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FY 2005 Fixed Monitoring Stations

Tidal Sabine Basin

SW	Segment	Station	Location
1.05	0501	15653 (ICW1)	INTERCOASTAL WATERWAY AT PERRY RIDGE
1.01	0501	15654 (BB1)	BLACK BAYOU IN CAMERON PARISH
1.00	0501	10395 (SR1)	SABINE RIVER 12.00 KM UPSTREAM OF IH 10
1.00	0501	10394 (SRT2)	SABINE RIVER AT IH 10
1.00	0501	18056 (SRT1C)	OLD HWY 90
1.00	0501	18055 (SRT1B)	SABINE RIVER AT CHANNEL LIGHT 20
1.00	0501	10393 (SRT1A)	SABINE RIVER AT CHANNEL LIGHT 13
1.00	0501	10391 (SRT1)	SABINE RIVER AT CHANNEL CAN 3

SABINE RIVER AUTHORITY OF TEXAS

Tidal Report

May 2005

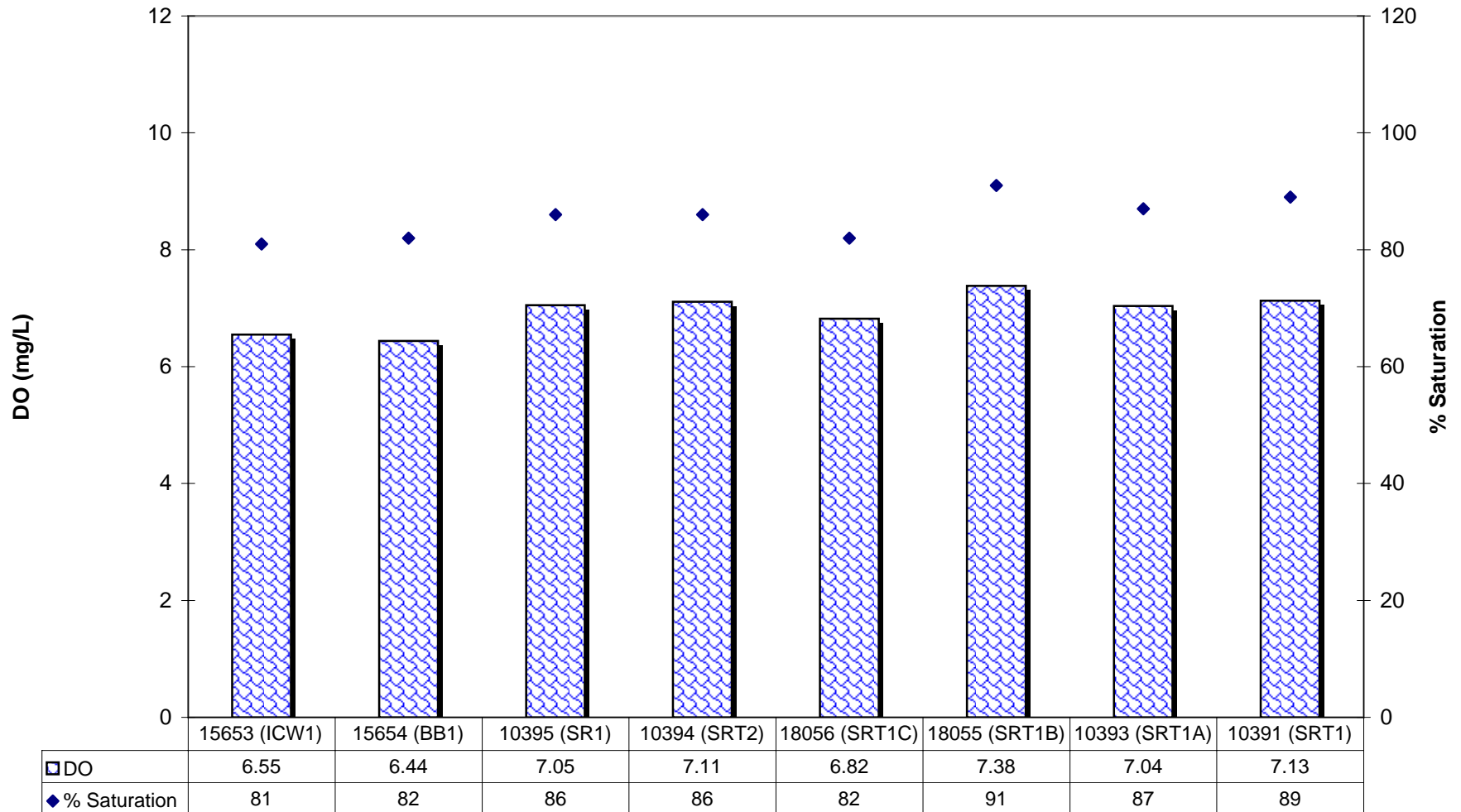
Date	SW ID	Station	Temperature °C 00010	pH Units 00400	DO mg/L 00300	% Saturation 00301	Conductivity µS/cm 00094	Salinity ppt 00480	Secchi Meters 00078	Turbidity NTU 82079	<i>E. coli</i> mpn/100ml 31699	<i>Enterococcus</i> mpn/100ml 31701	Chlorophyll a µg/L 32211	Nitrite mg/L 00615	Nitrate mg/L 00620	Ortho- Phosphate 00671	TOC mg/L 00680	Total Alkalinity 00410	Total Hardness 00900
5/12/05 10:35 AM	1.05	15653 (ICW1)	25.1	7.13	6.55	81	4563	2	0.46	8.88	9	10	*	< 0.02	0.18	< 0.04	5	37	448
5/12/05 11:20 AM	1.01	15654 (BB1)	25.4	7.15	6.44	82	10240	6	0.5	5.58	107	19	*	< 0.02	0.07	< 0.04	4	42	1052
5/12/05 9:30 AM	1.00	10395 (SR1)	25.4	7.18	7.05	86	207	*	0.48	9.87	5	*	*	< 0.02	0.04	< 0.04	7	32	40
5/12/05 9:50 AM	1.00	10394 (SRT2)	24.7	7.05	7.11	86	287	< 1	0.58	10.2	6	5	*	< 0.02	0.11	< 0.04	7	27	52
5/12/05 10:05 AM	1.00	18056 (SRT1C)	24.8	7.15	6.82	82	1161	< 1	0.65	6.51	7	17	*	< 0.02	0.04	< 0.04	7	29	124
5/12/05 10:50 AM	1.00	18055 (SRT1B)	24.9	7.28	7.38	91	4138	2	0.6	5.91	13	6	*	< 0.02	0.05	< 0.04	5	35	420
5/12/05 11:03 AM	1.00	10393 (SRT1A)	24.8	7.3	7.04	87	5338	3	0.62	6.08	4	7	*	< 0.02	0.11	< 0.04	5	39	540
5/12/05 11:35 AM	1.00	10391 (SRT1)	24.9	7.34	7.13	89	7796	4	0.57	5.3	14	15	*	< 0.02	0.32	< 0.04	4	43	808

*: Not sampled on this run

SABINE RIVER AUTHORITY OF TEXAS

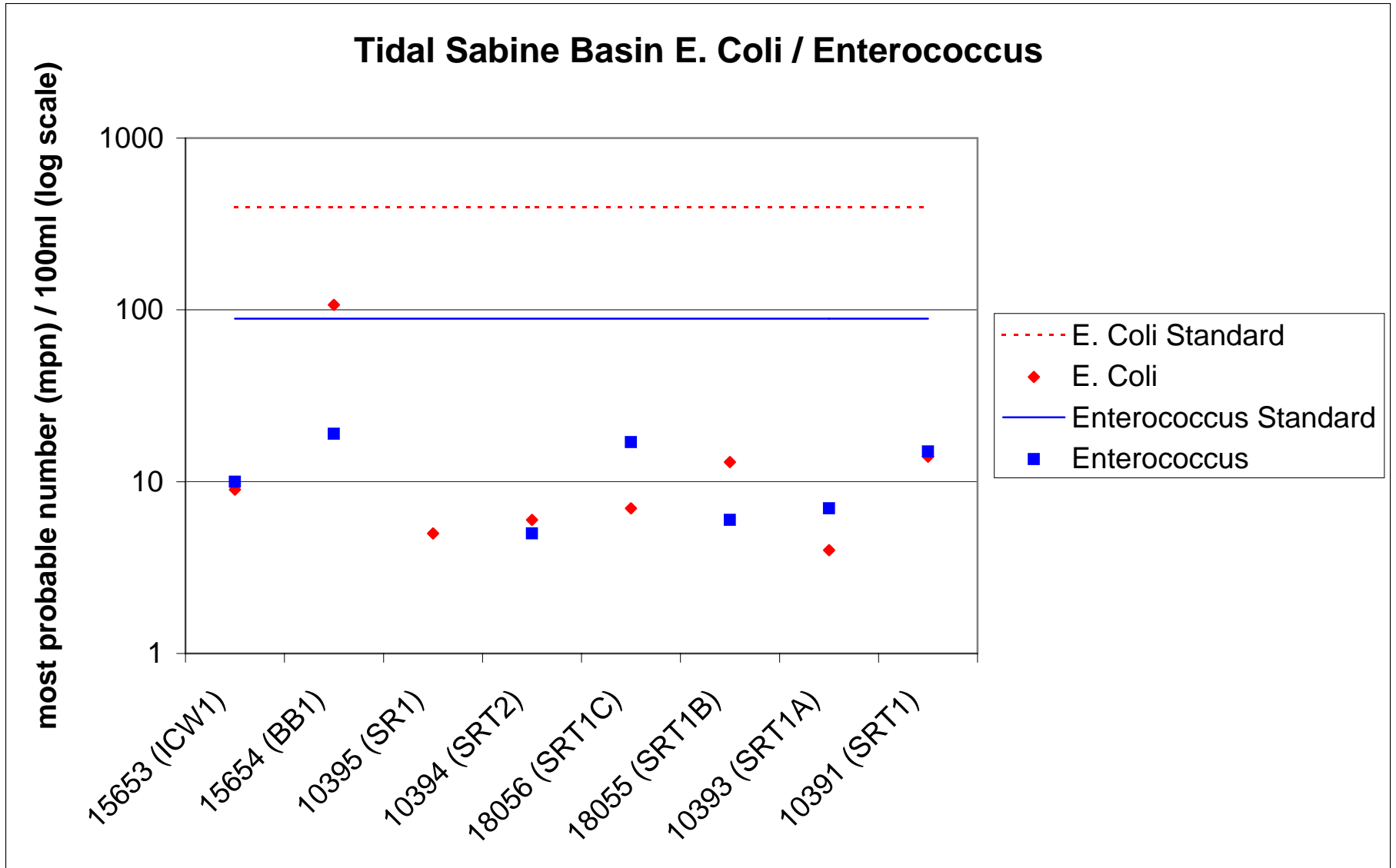
May 2005

Tidal Sabine Basin DO / % Saturation



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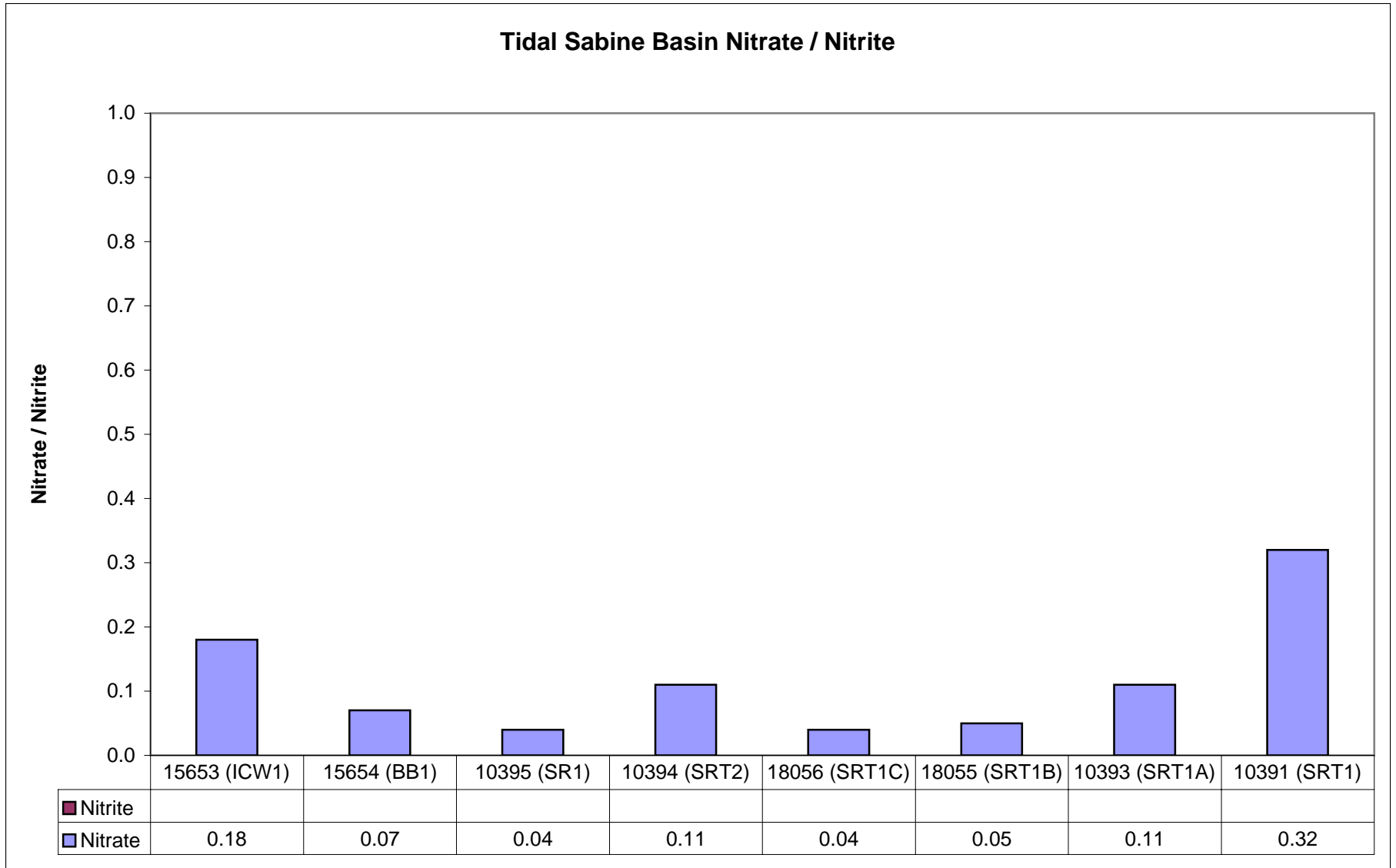
May 2005



Stations without values were not sampled on this run (see page 38).

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May 2005



Stations without values below detection limit (< 0.02 mg/L) on this run (see page 38)

SABINE RIVER AUTHORITY OF TEXAS

Tidal Profiles

May 2005

Date	SW ID	Station	Depth Meters	Temperature	pH	DO	%	Conductivity	Salinity
				°C 00010	Units 00400	mg/L 00300	Saturation 00301	µS/cm 00094	ppt 00480
5/12/05 10:35 AM	1.05	15653 (ICW1)	0.3	25.1	7.13	6.55	81	4563	2
			3	25.1	7.11	6.58	81	4563	2
			6.2	25	7.08	6.67	82	4569	2
5/12/05 11:20 AM	1.01	15654 (BB1)	0.3	25.4	7.15	6.44	82	10240	6
			2.5	25.2	7.1	6.32	80	10240	6
			5.1	25.1	7.08	6.11	76	10220	6
5/12/05 9:50 AM	1.00	10394 (SRT2)	0.3	24.7	7.05	7.11	86	287	< 1
			2.5	24.5	7.03	6.81	82	314	< 1
			5.5	24.3	7.11	6.49	79	496	< 1
			7.5	22.6	6.41	3.21	38	14040	8
5/12/05 10:05 AM	1.00	18056 (SRT1C)	0.3	24.8	7.15	6.82	82	1161	< 1
			2.5	24.4	7.14	6.45	78	1643	< 1
			5	23.8	7.1	5.81	70	5026	3
			7	22.6	7.02	4.81	58	12650	7
			11.2	21.8	6.86	2.99	37	23650	14
5/12/05 10:50 AM	1.00	18055 (SRT1B)	0.3	24.9	7.28	7.38	91	4138	2
			2	24.8	7.25	7.28	89	4169	2
			5	24.5	7.17	6.54	80	5330	3
			7.3	23.6	7.04	5.49	67	10760	6
5/12/05 11:03 AM	1.00	10393 (SRT1A)	0.3	24.8	7.3	7.04	87	5338	3
			5	24.2	7.21	6.57	81	9410	5
			9	23.5	7.14	6.16	76	15340	9
5/12/05 11:35 AM	1.00	10391 (SRT1)	0.3	24.9	7.34	7.13	89	7796	4
			2.5		7.29	6.89	86	8722	5
			5	24.5	7.27	6.63	82	10770	6

SABINE RIVER AUTHORITY OF TEXAS

Orange Weather and River Data

May 2005

Date	310 (Orange) Rainfall	Gauge Height	GH - FS	Max Temp	Min Temp	Cur Temp	293 (GCD) Rainfall
5/1/2005	OUT	OUT	OUT	70	47	47	0.00
5/2/2005	OUT	OUT	OUT	76	47	47	0.00
5/3/2005	OUT	OUT	OUT	78	48	53	0.00
5/4/2005	OUT	OUT	OUT	76	53	57	0.00
5/5/2005	OUT	OUT	OUT	74	49	49	0.00
5/6/2005	OUT	OUT	OUT	80	40	52	0.00
5/7/2005	OUT	OUT	OUT	83	52	56	0.00
5/8/2005	OUT	OUT	OUT	81	56	63	0.00
5/9/2005	OUT	OUT	OUT	81	63	65	0.50
5/10/2005	OUT	OUT	OUT	83	65	68	0.02
5/11/2005	OUT	OUT	OUT	86	67	67	0.00
5/12/2005	OUT	OUT	OUT	85	66	69	0.00
5/13/2005	OUT	OUT	OUT	85	66	66	0.02
5/14/2005	OUT	OUT	OUT	84	57	65	0.00
5/15/2005	OUT	OUT	OUT	86	65	65	0.00
5/16/2005	OUT	OUT	OUT	85	57	58	0.00
5/17/2005	OUT	OUT	OUT	81	58	62	0.00
5/18/2005	OUT	OUT	OUT	85	62	63	0.00
5/19/2005	OUT	OUT	OUT	85	57	64	0.00
5/20/2005	OUT	OUT	OUT	87	63	64	0.00
5/21/2005	OUT	OUT	OUT	90	64	72	0.00
5/22/2005	OUT	OUT	OUT	97	69	72	0.00
5/23/2005	OUT	OUT	OUT	96	71	74	0.00
5/24/2005	OUT	OUT	OUT	94	69	69	0.00
5/25/2005	OUT	OUT	OUT	92	68	70	0.00
5/26/2005	OUT	OUT	OUT	92	70	67	0.96
5/27/2005	OUT	OUT	OUT	88	51	65	0.00
5/28/2005	OUT	OUT	OUT	89	55	69	0.00
5/29/2005	OUT	OUT	OUT	86	66	73	0.06
5/30/2005	OUT	OUT	OUT	88	66	66	3.42
5/31/2005	OUT	OUT	OUT	84	56	69	0.04
Avg or Tot	OUT	OUT	OUT	85	59	63	5.02

Units	Tot Inches	Avg Feet	Avg Feet	Avg Deg F	Avg Deg F	Avg Deg F	Tot Inches
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Appx. 8 am

310 Rainfall: Old Navy Base, City of Orange

293: SRA Gulf Coast Division Office, Northern Orange County

FS: Flood Stage = 4 Feet

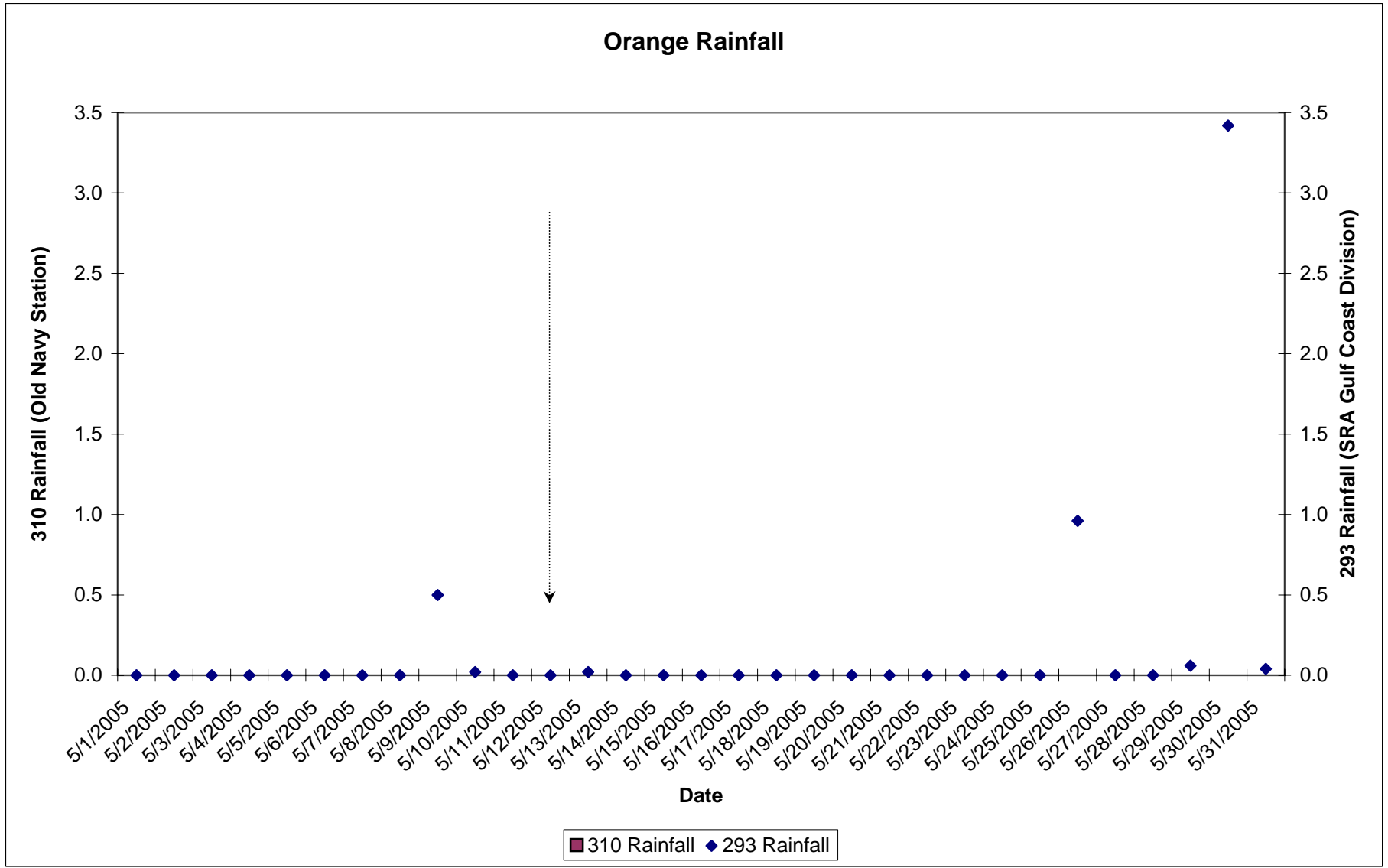
OUT: Gage Out

Tidal Sabine Basin Sampled on 5/12/2005

Values measured by SRA-TX

SABINE RIVER AUTHORITY OF TEXAS

May 2005



Tidal Sabine Basin Sampled on 5/12/2005