

## Brazos River Basin – CAMS 704 Resley Creek Water Site

Location 31°55'56" North 98°16'55" West

### Surface Water Temperature (°C), Calendar Year 2004 Daily Mean Values

Day	January	February	March	April	May	June	July	August	September	October	November	December
1	ND	10.0	12.5	17.0	16.9	24.6	24.9	ND	22.5	21.0	20.3	9.8
2	ND	9.0	11.9	17.0	17.0	24.6	25.9	ND	22.5	20.8	17.9	10.1
3	ND	7.4	13.4	17.3	18.5	23.2	26.4	ID[N=14]	22.5	19.8	15.3	9.7
4	ND	7.8	15.3	17.3	19.5	22.9	26.6	27.1	23.0	19.2	12.8	10.3
5	ND	8.0	14.3	17.3	20.2	23.2	26.4	27.3	23.5	19.1	12.3	12.7
6	ID[N=10]	8.5	14.5	17.4	20.2	23.6	26.2	27.2	24.0	19.6	12.3	14.0
7	5.8	7.5	14.7	18.1	20.5	24.4	26.2	26.0	22.3	20.6	12.7	12.5
8	7.5	7.6	14.2	18.2	20.9	23.5	26.0	25.2	20.8	20.5	13.4	ID[N=15]
9	8.5	8.6	13.9	18.9	20.9	22.4	26.4	24.8	20.0	20.3	14.5	12.1
10	7.7	9.1	13.6	18.3	21.4	23.5	26.4	ID[N=8]	19.9	20.2	ID[N=10]	11.7
11	7.5	8.6	14.0	14.7	21.8	24.9	25.8	ID[N=10]	20.5	19.5	ND	11.3
12	8.4	7.8	13.4	13.2	22.5	25.7	25.8	24.8	21.5	18.5	ID[N=12]	11.9
13	9.1	6.2	12.6	13.1	22.6	26.0	25.8	24.3	21.7	17.7	12.0	11.3
14	9.9	5.9	13.6	13.0	19.9	26.1	25.7	24.1	23.2	17.2	11.7	9.1
15	11.1	6.4	14.5	15.1	19.4	25.7	25.6	23.9	23.9	16.1	12.6	7.4
16	12.0	7.6	15.7	17.4	20.2	25.2	25.8	23.5	23.9	16.2	14.5	8.2
17	12.7	8.5	17.0	18.7	21.8	26.0	26.3	23.8	24.0	16.0	15.6	8.7
18	10.5	9.2	19.1	18.6	22.8	26.5	26.5	24.1	24.1	17.7	16.0	8.8
19	7.9	11.5	20.2	18.3	23.4	26.5	25.9	22.8	24.3	18.5	16.7	9.1
20	7.4	12.1	21.2	18.3	23.8	26.3	25.8	23.4	23.6	17.9	16.8	9.7
21	7.6	11.0	19.8	19.2	23.7	26.2	25.8	23.2	23.5	18.9	17.2	10.4
22	8.2	10.6	17.1	21.0	23.1	25.2	ID[N=14]	23.3	23.3	20.0	ID[N=17]	8.5
23	8.8	11.6	16.4	21.2	23.5	24.2	26.2	24.7	22.8	20.3	ND	5.7
24	9.9	11.7	16.9	17.8	23.9	24.2	26.4	26.0	22.7	18.8	ND	4.5
25	11.4	9.0	18.3	18.3	23.5	24.4	26.1	26.7	22.5	19.4	ND	4.6
26	11.1	7.8	18.9	19.4	23.5	23.2	24.5	27.0	22.2	19.9	ND	5.8
27	8.1	8.4	19.1	19.8	23.7	23.5	23.8	26.3	21.6	ID[N=7]	ND	6.9
28	7.5	9.8	19.2	19.1	23.6	24.3	24.6	25.0	21.2	ID[N=12]	ND	9.2
29	9.1	11.9	18.4	19.2	24.6	24.0	ID[N=13]	24.1	20.1	21.7	ID[N=11]	11.3
30	9.2	--	17.3	20.3	25.1	24.2	ND	24.2	20.0	21.0	11.3	13.1
31	8.4	--	16.8	--	24.5	--	ND	23.3	--	21.0	--	13.8

#### Monthly Summaries Based on Daily Data

Mean	9.0	8.9	16.1	17.8	21.8	24.6	25.8	24.9	22.4	19.2	14.5	9.7
Max	12.7	12.1	21.2	21.2	25.1	26.5	26.6	27.3	24.3	21.7	20.3	14.0
Min	5.8	5.9	11.9	13.0	16.9	22.4	23.8	22.8	19.9	16.0	11.3	4.5

Summary Statistics	For 2002 (July 19 - December 31)	For 2003 Calendar Year	For 2004 Calendar Year
Annual Mean	17.9	17.5	18.0
Highest Daily Mean	27.8	27.8	27.3
Lowest Daily Mean	5.4	2.9	4.5

This site began collecting Surface Water Temperature on July 19 2002

Daily values are based on 24 hourly averages per day

ID[N=5] – ID = insufficient data; 75% or less of data available for day of interest; N = number of hourly averages available for day

ND refers to data that were invalidated or lost