07316000 RED RIVER NEAR GAINESVILLE, TX

Red-Lake Texoma Basin
Farmers-Mud Subbasin

LOCATION.--Lat 33°43′40″, long 97°09′35″ referenced to North American Datum of 1927, in SW ¼ sec.36, T.9 S., R.1 E., Love County, OK, Hydrologic Unit 11130201, on downstream right bank at end of bridge on Interstate 35, 0.2 mi downstream from Gulf, Colorado, and Santa Fe Railway Co. bridge, 5.0 mi downstream from Fish Creek, 4.5 mi southwest of Thackerville, OK, 7.0 mi north of Gainesville, and at mile791.5.

DRAINAGE AREA.--30,782 mi^2 of which 5,936 mi^2 probably is noncontributing.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--May 1936 to current year. Monthly discharge only for some periods, published in WSP 1311.

REVISED RECORDS.--WSP 1211: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 627.91 ft above NGVD of 1929. Prior to Jan. 17, 1939, and Feb. 13, 1965 to Nov. 14, 1966, nonrecording gage at same site and datum.

REMARKS.--Records poor. Flow regulated by Lake Kemp (station 07312000 in Texas), since 1943 by Lake Altus (station 07302500 in Oklahoma), since 1946 by Lake Kickapoo (station 07314000 in Texas), since 1967 by Lake Arrowhead (station 07314800 in Texas) and Moss Lake (station 07315950 in Texas), since 1978 by Waurika Lake (07313400 in Oklahoma). U.S. Army Corps of Engineers' satellite telemeter at station.

07316000 RED RIVER NEAR GAINESVILLE, TX—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	578	731	e344	410	324	342	392	62,200	2,430	605	404	e221
2	545	685	e360	412	309	333	e385	64,300	2,290	569	399	e221
3	e522	e670	e358	413	299	302	344	54,200	2,170	e520	553	e213
4	e496	e647	353	e405	293	e316	310	22,100	2,160	527	633	212
5	e475	e625	345	376	e322	e324	e330	11,800	3,060	628	813	214
6	e502	610	349	e360	329	e322	e315	9,380	3,510	619	1,240	208
7	e505	582	e343	354	364	312	310	9,710	3,420	546	969	198
8	480	543	e353	342	e398	331	303	7,690	2,640	e570	668	196
9	e490	e527	e355	e344	e419	e329	e295	8,640	2,120	547	e550	201
10	553	e503	e334	e334	409	320	289	7,160	1,900	e545	469	194
11	e620	502	333	335	464	344	287	6,030	1,600	e520	425	236
12	469	488	e352	e323	454	361	355	9,430	1,260	470	e390	222
13	518	479	e344	e328	431	343	444	9,840	1,360	e445	e352	314
14	681	e472	e380	319	413	352	443	16,600	2,060	e440	309	501
15	e905	e460	364	320	489	344	e440	16,600	1,760	e420	e292	669
16	839	440	336	319	482	341	487	11,200	1,400	382	e284	889
17	992	434	336	318	e484	332	669	9,770	1,120	362	e290	2,160
18	1,530	420	333	e321	484	e349	707	10,500	1,090	360	e270	3,340
19	1,770	416	332	315	457	355	e650	17,500	975	e355	e239	2,510
20	3,250	409	330	317	e435	328	569	12,600	e900	e345	e236	1,870
21	3,640	397	328	331	411	e321	521	8,200	987	e355	231	1,340
22	2,750	e395	e327	e342	400	313	e500	6,450	1,210	338	217	1,090
23	2,120	e400	e331	343	e384	275	412	5,200	1,060	328	e208	912
24	1,720	391	325	330	e377	309	e390	4,550	885	e330	e198	760
25	1,430	385	e322	e332	370	323	505	4,150	788	371	e227	645
26	1,220	e385	e325	334	363	e350	550	e3,600	714	e400	e231	575
27	e1,100	382	e343	e335	362	e370	565	4,590	645	401	e228	516
28	983	374	339	e345	e360	e349	e550	3,860	604	418	230	474
29	894	e380	326	338	---	e328	8,920	3,150	623	400	226	431
30	e840	e367	325	e331	---	285	52,000	3,170	616	457	227	387
31	777	---	350	323	---	367	---	2,740	---	434	226	---
Total	34,194	14,499	10,575	10,649	11,086	10,270	73,237	426,910	47,357	14,007	12,234	21,919
Mean	1,103	483	341	344	396	331	2,441	13,770	1,579	452	395	731
Max	3,640	731	380	413	489	370	52,000	64,300	3,510	628	1,240	3,340
Min	469	367	322	315	293	275	287	2,740	604	328	198	194
Ac-ft	67,820	28,760	20,980	21,120	21,990	20,370	145,300	846,800	93,930	27,780	24,270	43,480

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 2009, BY WATER YEAR (WY)

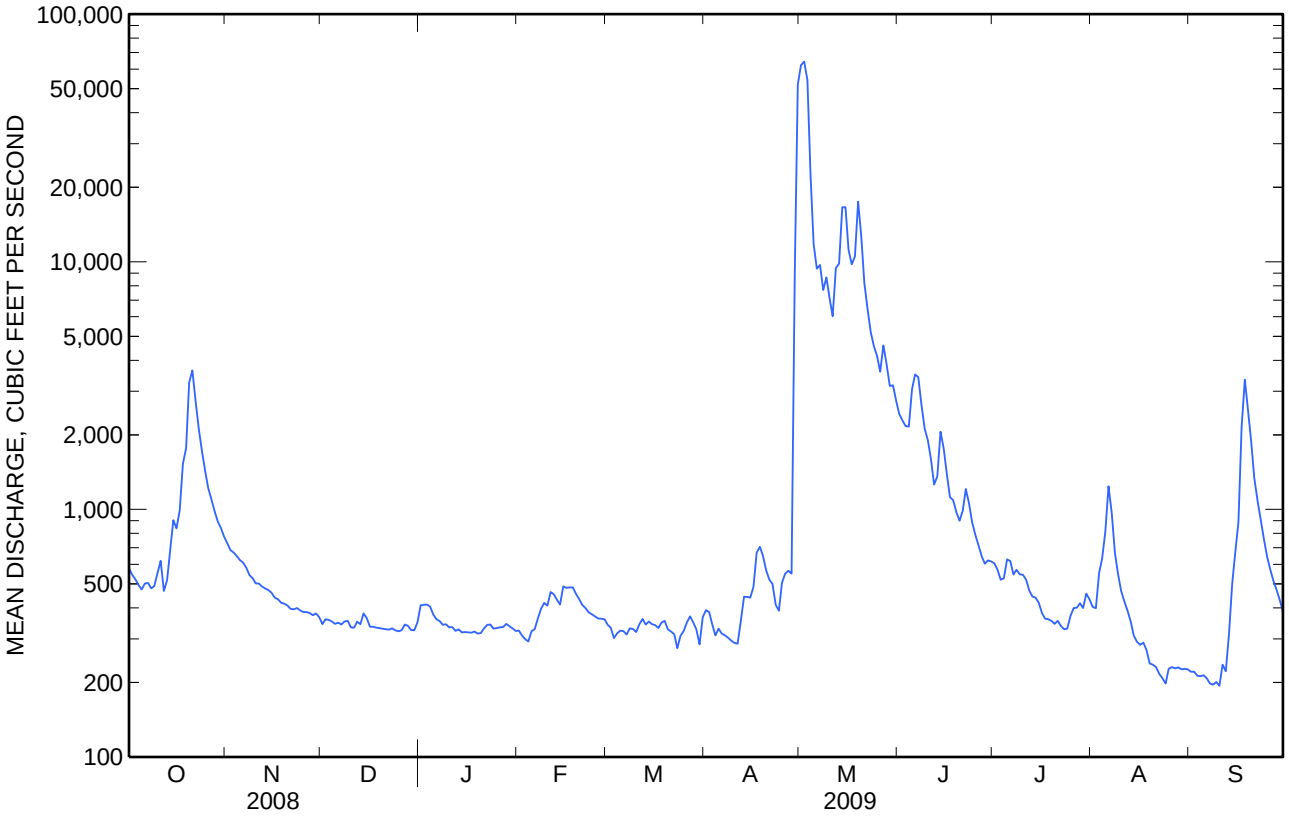
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	3,506	2,095	1,541	1,298	1,849	2,771	3,497	7,591	7,812	2,366	1,679	2,306
Max	31,080	14,020	14,990	7,258	10,920	19,590	27,400	47,780	43,510	23,390	20,730	12,880
(WY)	(1942)	(1942)	(1992)	(1998)	(2001)	(1998)	(1990)	(1957)	(1941)	(2007)	(1995)	(1986)
Min	119	137	125	82.4	151	90.5	153	204	296	146	97.5	108
(WY)	(1953)	(1955)	(1940)	(1940)	(1953)	(1940)	(1971)	(1971)	(2006)	(2006)	(2006)	(1956)

07316000 RED RIVER NEAR GAINESVILLE, TX—Continued

SUMMARY STATISTICS

	Calendar Year 2008		Water Year 2009		Water Years 1937 - 2009	
Annual total	587,615		686,937			
Annual mean	1,606		1,882		3,195	
Highest annual mean					11,890	1987
Lowest annual mean					567	2006
Highest daily mean	31,000	Aug 21	64,300	May 2	232,000	May 31, 1987
Lowest daily mean	[a]171	Aug 6	194	Sep 10	39	Aug 21, 2006
Annual seven-day minimum	176	Aug 1	203	Sep 4	43	Aug 16, 2006
Maximum peak flow			65,300	May 2	265,000	May 31, 1987
Maximum peak stage			26.55	May 2	40.08	May 31, 1987
Annual runoff (ac-ft)	1,166,000		1,363,000		2,314,000	
10 percent exceeds	3,240		3,160		7,100	
50 percent exceeds	660		412		824	
90 percent exceeds	328		301		216	

[a] Estimated.



07316000 RED RIVER NEAR GAINESVILLE, TX—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1994 to 2007.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1994 to current year.
WATER TEMPERATURE: October 1994 to current year.

INSTRUMENTATION.--Water-quality monitor since October 1994. QW monitoring equipment consists of two parameter Hydrolab Reporter suspended vertically within polyethylene protection tube.

REMARKS.--Specific conductance and water temperature were determined in the field.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 12,600 microsiemens Apr. 19, 2004; minimum, 98 microsiemens Aug. 17, 2005.

WATER TEMPERATURE: Maximum, 39.8°C Aug.03, 2008; minimum , -0.5°C Jan. 4, 5, 1999.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, >10,000 microsiemens April 27,28,29; minimum, 507 microsiemens April 30.WATER TEMPERATURE: Maximum, 35.4°C June.25; minimum, 0.2°C Jan. 28.

07316000 RED RIVER NEAR GAINESVILLE, TX—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

[>, greater than]

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	5,520	5,440	5,470	5,790	5,510	5,670	5,670	5,630	5,650	6,130	5,940	6,050
2	5,540	5,510	5,530	5,900	5,790	5,870	5,630	5,570	5,590	6,110	5,960	6,010
3	5,600	5,530	5,570	5,970	5,890	5,940	5,590	5,530	5,560	5,970	5,770	5,860
4	5,640	5,580	5,610	6,080	5,970	6,040	5,690	5,590	5,640	5,780	5,300	5,450
5	5,630	5,570	5,580	6,090	5,940	6,030	5,740	5,690	5,720	5,370	5,280	5,320
6	5,570	5,150	5,290	5,940	5,770	5,840	5,750	5,680	5,720	5,380	5,170	5,280
7	5,250	5,160	5,210	5,880	5,830	5,860	5,790	5,720	5,750	5,230	5,160	5,180
8	5,270	5,200	5,230	5,970	5,880	5,930	5,790	5,600	5,690	5,460	5,230	5,330
9	5,330	5,170	5,260	6,030	5,870	5,940	5,680	5,620	5,660	5,610	5,460	5,550
10	5,470	5,330	5,390	6,020	5,850	5,890	5,750	5,680	5,700	5,630	5,570	5,600
11	5,520	5,320	5,480	5,910	5,840	5,890	5,820	5,740	5,760	5,840	5,630	5,720
12	5,320	4,920	5,120	5,980	5,840	5,920	5,920	5,820	5,880	5,890	5,840	5,870
13	4,920	4,580	4,710	6,000	5,960	5,980	6,050	5,900	5,980	5,940	5,870	5,900
14	4,590	4,390	4,520	5,980	5,910	5,950	6,110	6,050	6,080	6,000	5,930	5,950
15	5,810	4,590	5,050	6,060	5,960	6,000	6,140	6,090	6,120	6,080	6,000	6,040
16	8,510	5,810	7,280	6,020	5,890	5,960	6,110	5,770	5,960	6,080	5,990	6,030
17	8,590	6,810	8,160	5,890	5,860	5,880	5,780	5,640	5,750	6,020	5,950	5,980
18	6,810	4,330	5,390	5,930	5,840	5,900	5,640	5,500	5,560	6,030	5,930	5,980
19	4,330	2,940	3,390	5,850	5,660	5,720	5,840	5,600	5,740	6,030	5,990	6,020
20	4,860	3,320	3,720	5,850	5,650	5,750	5,900	5,840	5,860	6,020	5,980	6,000
21	5,980	4,860	5,740	5,940	5,850	5,900	5,900	5,820	5,870	6,000	5,850	5,930
22	5,970	5,140	5,500	5,950	5,880	5,920	5,820	5,700	5,740	6,060	5,960	6,000
23	5,140	4,640	4,930	5,880	5,790	5,820	5,700	5,610	5,650	6,060	5,970	6,030
24	4,640	4,420	4,480	5,860	5,810	5,830	5,840	5,650	5,710	5,970	5,900	5,930
25	4,420	4,370	4,390	5,840	5,760	5,790	5,890	5,840	5,870	5,900	5,820	5,860
26	4,450	4,370	4,400	5,780	5,730	5,750	5,860	5,800	5,830	5,970	5,900	5,950
27	4,710	4,450	4,560	5,830	5,760	5,790	5,840	5,610	5,730	5,980	5,850	5,900
28	4,980	4,710	4,860	5,860	5,760	5,810	5,760	5,700	5,730	5,890	5,800	5,830
29	5,340	4,980	5,160	5,880	5,760	5,840	5,860	5,760	5,810	5,900	5,760	5,840
30	5,510	5,330	5,390	5,760	5,640	5,680	5,890	5,790	5,840	5,830	5,740	5,790
31	5,550	5,490	5,520	---	---	---	5,940	5,810	5,860	5,810	5,710	5,780
Month	8,590	2,940	5,220	6,090	5,510	5,870	6,140	5,500	5,770	6,130	5,160	5,810

07316000 RED RIVER NEAR GAINESVILLE, TX—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

[>, greater than]

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	5,820	5,690	5,760	7,050	6,920	6,980	8,520	8,190	8,380	701	538	642
2	5,850	5,750	5,810	6,930	6,810	6,870	8,190	7,290	7,770	732	628	661
3	5,890	5,820	5,850	6,830	6,610	6,710	7,290	6,920	7,090	784	718	757
4	5,950	5,890	5,920	6,710	6,600	6,650	7,260	7,160	7,220	783	710	729
5	5,950	5,840	5,900	6,680	6,540	6,600	7,240	6,140	6,710	943	783	860
6	5,960	5,870	5,910	6,560	6,440	6,500	6,140	5,130	5,450	1,130	943	1,010
7	5,970	5,760	5,850	6,540	6,480	6,520	5,230	5,040	5,100	1,250	1,050	1,130
8	6,060	5,770	5,920	6,500	6,410	6,460	5,640	5,230	5,430	1,520	1,250	1,390
9	6,080	5,750	5,920	6,590	6,470	6,510	6,140	5,640	5,920	1,580	1,450	1,520
10	5,800	5,270	5,700	6,640	6,540	6,600	6,230	6,140	6,210	1,730	1,340	1,540
11	5,270	4,780	5,030	6,540	6,220	6,330	6,220	6,020	6,100	1,770	1,360	1,660
12	5,740	5,120	5,430	6,220	5,900	6,020	6,070	5,040	5,420	1,700	1,310	1,490
13	6,460	5,680	6,030	5,990	5,760	5,920	5,350	5,030	5,240	1,980	1,390	1,540
14	6,490	6,070	6,240	5,770	5,560	5,640	5,320	4,950	5,070	2,280	994	1,570
15	6,300	5,750	5,950	5,790	5,690	5,730	5,990	5,320	5,780	994	857	907
16	6,550	6,300	6,490	5,980	5,790	5,880	6,100	5,720	5,990	1,410	971	1,200
17	6,520	5,780	6,180	6,070	5,920	5,980	5,720	4,850	5,300	1,810	1,400	1,590
18	5,880	5,600	5,790	6,270	6,070	6,150	4,870	4,680	4,790	2,510	1,810	2,200
19	5,600	5,360	5,410	6,290	6,220	6,240	4,690	4,340	4,490	1,950	1,350	1,620
20	5,520	5,390	5,460	6,480	6,290	6,390	4,340	3,750	3,950	1,350	1,090	1,160
21	5,690	5,490	5,570	6,620	6,480	6,540	4,160	3,760	3,930	1,730	1,110	1,330
22	6,120	5,690	5,910	6,670	6,580	6,620	4,840	4,160	4,500	2,120	1,730	2,000
23	6,440	6,110	6,300	6,640	6,550	6,590	5,200	4,840	5,050	2,250	2,120	2,200
24	6,590	6,400	6,470	6,660	6,500	6,580	5,520	5,200	5,390	2,130	1,760	1,890
25	6,770	6,560	6,640	6,670	6,530	6,610	6,180	5,350	5,540	2,000	1,760	1,850
26	7,320	6,770	7,040	6,580	6,040	6,510	8,520	6,180	7,390	2,400	2,000	2,140
27	7,320	7,130	7,250	6,560	5,520	6,140	>10,000	8,520	9,390	2,880	2,270	2,610
28	7,130	6,940	7,000	6,820	6,560	6,740	>10,000	>10,000	>10,000	2,270	1,810	1,890
29	---	---	---	6,790	6,010	6,390	>10,000	636	7,310	2,110	1,900	1,990
30	---	---	---	8,260	6,700	7,700	788	507	610	2,720	2,110	2,450
31	---	---	---	8,410	8,200	8,310	---	---	---	2,710	2,550	2,650
Month	7,320	4,780	6,030	8,410	5,520	6,500	10,000	507	5,880	2,880	538	1,550

07316000 RED RIVER NEAR GAINESVILLE, TX—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

[>, greater than]

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	2,550	2,310	2,470	5,850	5,570	5,710	4,020	3,680	3,920	8,690	7,780	8,350
2	2,310	2,120	2,170	5,990	5,650	5,830	4,020	3,840	3,970	7,880	6,930	7,540
3	2,290	2,140	2,210	5,910	5,580	5,710	4,070	3,720	3,820	6,980	6,580	6,760
4	2,490	2,290	2,400	5,820	5,220	5,560	4,140	3,290	3,780	6,630	6,370	6,510
5	2,490	1,970	2,240	5,740	5,260	5,450	4,060	3,380	3,820	6,430	6,020	6,150
6	2,030	1,630	1,800	5,960	5,740	5,880	4,120	3,310	3,650	6,360	5,940	6,270
7	2,710	1,650	2,120	5,750	4,850	5,250	3,640	2,390	2,910	6,350	6,020	6,270
8	2,530	1,890	2,080	4,970	4,780	4,880	2,390	2,150	2,230	6,290	6,210	6,250
9	2,650	2,220	2,490	4,880	4,540	4,790	3,930	2,250	2,980	6,280	6,030	6,180
10	2,290	2,130	2,190	4,540	4,150	4,320	5,030	3,930	4,580	6,060	5,670	5,910
11	2,230	2,170	2,200	4,800	4,520	4,690	5,540	5,030	5,280	5,720	4,660	5,290
12	2,330	2,160	2,200	4,770	4,660	4,710	5,730	5,540	5,650	4,820	4,550	4,670
13	2,960	2,330	2,560	5,100	4,770	4,950	5,640	5,330	5,470	4,550	4,370	4,460
14	3,810	2,960	3,340	5,230	5,090	5,140	5,370	5,200	5,270	4,490	4,120	4,260
15	3,910	3,220	3,650	5,490	5,230	5,360	5,630	5,280	5,410	4,120	2,290	3,320
16	3,910	3,290	3,630	5,880	5,490	5,760	6,390	5,630	6,070	2,620	2,120	2,380
17	3,470	3,240	3,340	6,090	5,880	6,020	6,440	6,180	6,310	3,330	1,890	2,730
18	3,480	3,330	3,410	6,050	5,780	5,860	6,190	5,500	5,890	2,420	1,840	2,120
19	3,630	3,330	3,410	5,830	5,360	5,590	5,630	4,980	5,250	1,900	1,670	1,770
20	3,730	3,410	3,570	5,380	4,700	5,020	5,130	5,000	5,080	1,690	1,610	1,640
21	3,750	3,490	3,590	4,910	4,640	4,730	5,060	4,850	4,950	2,090	1,690	1,910
22	5,420	3,750	4,340	5,160	4,910	5,070	4,880	4,760	4,840	2,160	2,050	2,090
23	6,110	5,030	5,620	5,100	4,930	5,020	4,830	4,670	4,740	2,600	2,160	2,370
24	6,240	4,960	5,230	5,070	4,910	5,000	4,790	4,680	4,740	3,010	2,600	2,790
25	8,860	6,240	7,870	5,260	5,010	5,130	4,780	4,670	4,730	3,220	3,010	3,130
26	8,980	8,180	8,700	5,700	5,260	5,420	4,940	4,720	4,860	3,440	3,220	3,340
27	8,180	7,460	7,720	5,790	5,680	5,730	5,280	4,930	5,150	3,520	3,420	3,450
28	7,460	6,930	7,220	5,810	5,160	5,560	5,660	5,280	5,490	3,540	3,500	3,520
29	6,930	5,900	6,310	5,230	4,510	4,880	7,560	5,660	6,310	3,580	3,540	3,560
30	6,050	5,710	5,820	4,510	3,780	4,030	9,630	7,560	9,150	3,680	3,580	3,630
31	---	---	---	4,020	3,510	3,740	9,460	8,600	9,140	---	---	---
Month	8,980	1,630	3,860	6,090	3,510	5,190	9,630	2,150	5,010	8,690	1,610	4,290

	Max	Min	Mean
Year	10,000	507	5,080

07316000 RED RIVER NEAR GAINESVILLE, TX—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	25.7	20.4	23.0	20.5	16.1	18.1	8.4	6.1	7.2	9.4	5.4	7.4
2	25.3	20.5	22.8	20.4	16.2	18.2	9.0	5.0	7.0	11.4	7.1	9.0
3	23.9	20.6	22.2	20.6	17.1	18.5	11.0	7.7	9.1	14.8	10.3	12.2
4	24.8	20.9	22.6	19.8	16.5	18.1	7.9	5.2	6.6	12.8	7.2	9.1
5	24.4	20.8	22.3	20.8	17.6	18.9	7.4	4.2	5.8	7.2	5.0	5.7
6	23.0	20.6	21.6	19.8	16.7	18.1	7.8	4.1	5.8	7.4	4.1	5.5
7	22.2	19.5	21.0	17.5	14.4	15.9	8.8	4.8	6.8	7.7	3.9	5.8
8	23.0	17.4	20.0	16.6	13.0	14.6	12.3	7.2	9.7	9.3	5.0	7.1
9	23.1	18.5	20.7	15.6	12.1	13.7	12.3	6.0	10.0	13.6	7.3	10.2
10	23.2	19.1	21.0	13.8	12.7	13.2	6.0	3.3	4.7	12.0	6.3	7.9
11	24.1	20.1	21.8	17.7	13.6	15.3	6.5	2.7	4.6	7.9	4.1	6.1
12	23.9	20.6	22.1	18.1	14.9	16.1	8.1	3.8	5.9	9.0	5.7	7.4
13	23.0	21.2	22.1	17.5	13.2	15.3	10.8	5.8	8.2	7.4	4.2	5.8
14	24.0	21.8	22.8	17.3	12.9	15.4	15.2	10.2	12.3	8.1	3.9	5.9
15	23.2	20.8	22.3	12.9	9.6	11.1	10.2	3.5	5.9	6.8	4.1	5.2
16	21.3	18.7	20.0	12.6	8.2	10.3	3.5	2.2	2.7	4.2	2.3	2.9
17	21.2	17.4	19.2	14.1	9.1	11.4	3.8	2.5	3.1	7.2	1.8	4.2
18	20.9	17.3	19.1	13.8	9.9	11.7	8.5	3.8	5.4	8.1	4.4	6.3
19	20.3	17.2	18.8	14.3	9.8	11.9	11.6	8.0	9.5	9.1	6.1	7.6
20	20.3	17.6	18.9	12.8	9.8	11.6	9.8	7.0	8.8	8.8	5.9	7.4
21	20.5	18.5	19.5	10.5	7.2	8.9	7.0	3.2	4.6	9.8	5.0	7.3
22	19.5	16.5	18.4	9.3	7.0	8.0	3.2	1.2	2.0	10.8	5.3	8.1
23	16.8	14.6	15.7	12.0	7.8	9.8	3.2	0.9	1.6	12.4	8.1	9.9
24	16.8	13.2	14.8	12.6	10.2	11.3	6.5	3.2	4.7	9.9	5.1	6.3
25	16.9	13.1	14.9	12.5	8.2	10.3	9.5	3.5	6.1	8.2	4.7	6.1
26	18.4	14.4	16.0	13.0	9.7	11.2	16.2	9.5	13.1	6.8	5.0	5.5
27	15.4	12.7	14.0	12.4	9.3	10.9	16.5	11.4	14.9	5.0	1.8	3.5
28	13.5	10.8	12.2	12.0	11.0	11.5	11.4	8.7	10.0	4.3	0.2	2.1
29	15.1	11.2	13.0	11.6	9.8	10.6	10.5	6.7	8.6	6.4	1.4	3.7
30	17.4	12.2	14.6	9.8	8.0	9.0	10.6	6.7	8.7	7.5	2.8	5.2
31	19.4	14.8	16.8	---	---	---	9.7	7.1	8.4	9.7	4.6	7.1
Month	25.7	10.8	19.2	20.8	7.0	13.3	16.5	0.9	7.2	14.8	0.2	6.6

07316000 RED RIVER NEAR GAINESVILLE, TX—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	11.1	6.0	8.4	10.4	5.1	7.7	16.8	12.2	14.5	20.8	18.8	19.6
2	10.2	6.0	8.1	11.3	6.2	8.7	15.5	13.4	14.2	20.9	20.6	20.9
3	10.5	6.1	8.1	12.9	7.2	10	18.0	11.4	14.5	20.6	18.9	19.7
4	10.0	6.0	7.9	17.3	9.7	13.2	21.0	13.6	16.9	18.9	18.4	18.7
5	12.4	6.3	9.2	19.9	14.2	16.8	19.8	12.9	15.6	18.7	18.2	18.4
6	15.7	9.7	12.5	21.3	16.4	18.7	14.1	8.8	11.8	20.4	18.2	19.1
7	17.4	13.0	14.9	19.1	17.2	18.2	16.8	9.1	12.5	22.2	20.0	21.0
8	15.9	14.0	15.0	19.9	15.8	17.9	19.6	11.8	15.3	24.5	22.2	23.3
9	16.7	13.8	15.1	20.9	17.1	18.8	21.2	16.2	17.9	24.4	22.2	23.2
10	18.4	13.8	15.7	20.0	17.5	18.8	18.4	12.8	16.0	22.2	21.1	21.6
11	15.9	12.4	14.2	17.5	11.0	13.0	20.1	13.8	16.8	21.1	18.7	19.8
12	15.8	11.3	13.6	11.0	9.4	9.9	18.1	14.7	15.9	19.3	18.0	18.6
13	14.3	11.9	13.3	9.6	8.2	8.7	16.8	13.8	15.3	22.5	19.1	20.8
14	11.9	8.7	10.2	11.7	7.8	9.3	21.2	13.1	16.9	23.1	22.1	22.6
15	12.3	8.5	10.2	15.6	9.9	12.2	19.8	15.9	17.9	23.7	22.5	23.1
16	12.4	8.5	10.4	18.8	11.5	14.7	20.1	15.9	18.1	23.8	22.3	23.3
17	14.1	10.3	11.8	21.2	14.7	17.6	18.3	16.0	16.9	22.5	21.0	21.8
18	16.2	11.7	13.7	21.9	16.3	18.9	18.1	15.9	16.8	22.2	21.0	21.6
19	13.9	10.2	12.1	19.8	16.9	18.1	19.0	14.9	16.9	22.2	20.8	21.5
20	14.3	9.0	11.5	20.1	15.0	17.4	22.0	14.5	18.1	22.8	21.3	22.0
21	12.1	9.3	10.5	19.6	15.9	17.7	24.8	16.8	20.5	23.9	22.0	22.9
22	12.1	6.8	9.4	21.0	16.2	18.4	26.0	19.2	22.4	25.0	23.3	24.1
23	12.7	8.3	10.4	19.3	16.7	18.0	24.5	18.7	21.6	26.0	24.2	25.0
24	16.3	9.5	12.6	20.5	17.0	18.2	25.1	19.6	22.1	26.5	24.6	25.4
25	18.8	13.1	15.8	18.2	14.7	15.6	24.9	20.6	22.4	26.9	24.1	25.6
26	21.5	16.5	18.6	15.5	13.5	14.4	22.9	21.0	22.1	27.8	24.7	26.3
27	18.9	12.8	15.6	15.6	11.2	14.4	21.8	19.6	20.7	26.9	24.9	26.0
28	12.8	7.6	9.8	11.2	8.3	9.2	23.4	19.5	21.2	26.9	24.0	25.5
29	---	---	---	14.9	6.6	10.3	21.8	17.1	19.7	27.6	24.0	25.8
30	---	---	---	18.2	10.8	14.1	18.8	16.9	17.6	28.2	24.7	26.5
31	---	---	---	17.6	12.4	15.3	---	---	---	28.8	25.4	27.1
Month	21.5	6.0	12.1	21.9	5.1	14.7	26.0	8.8	17.6	28.8	18.0	22.6

07316000 RED RIVER NEAR GAINESVILLE, TX—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	28.2	25.7	27.0	34.9	29.0	31.6	33.2	27.0	29.5	28.2	24.0	26.1
2	27.7	24.6	26.4	34.9	29.6	32.1	33.8	28.3	30.9	27.9	24.3	26.1
3	26.8	24.9	25.8	34.2	30.2	32.2	33.8	29.2	31.4	26.6	24.5	25.7
4	26.3	23.4	24.8	33.7	29.7	31.6	33.0	28.4	30.6	26.1	23.9	25.1
5	26.9	23.6	25.3	31.3	28.5	29.5	32.9	28.8	30.3	28.6	23.5	25.9
6	26.3	24.4	25.3	30.9	26.9	28.8	30.9	28.1	29.3	29.8	25.3	27.4
7	27.0	24.3	25.7	32.2	26.8	29.3	32.0	28.3	29.9	29.8	25.9	28.1
8	28.6	24.9	26.7	33.8	28.4	30.7	31.6	28.1	29.7	30.0	26.0	28.0
9	29.6	26.6	28.0	33.2	28.5	30.5	31.9	27.8	29.6	30.1	26.0	28.1
10	28.5	25.9	27.4	33.1	28.7	30.7	32.9	27.8	30.1	28.8	26.6	27.7
11	27.6	24.5	25.9	34.2	28.9	31.3	30.6	28.0	29.3	27.2	25.5	26.0
12	29.5	25.0	27.1	34.8	29.2	31.9	31.4	26.8	29.0	25.8	24.4	25.1
13	31.7	27.4	29.4	35.0	29.6	32.1	30.9	26.3	28.6	24.4	22.9	23.4
14	30.8	27.6	29.3	33.2	29.3	31.4	31.2	26.8	28.9	22.9	21.6	22.0
15	30.9	28.1	29.5	34.0	28.2	31.0	30.0	27.0	28.4	24.2	21.4	22.4
16	30.6	27.8	29.2	34.1	29.1	31.5	30.8	26.6	28.6	23.2	21.7	22.5
17	31.4	27.5	29.4	33.8	28.6	31.0	32.0	27.1	29.3	22.0	21.3	21.6
18	31.3	28.1	29.6	32.2	27.8	30.3	32.4	28.0	29.8	23.3	21.7	22.4
19	30.4	27.5	29.1	33.2	27.5	30.4	31.3	27.8	29.6	24.8	22.4	23.5
20	31.0	27.3	29.1	31.4	27.9	29.4	32.2	26.8	29.4	25.8	23.0	24.4
21	31.5	27.6	29.4	31.5	26.2	28.9	32.6	26.8	29.5	27.4	24.3	25.6
22	32.6	28.6	30.5	31.4	26.6	29.0	31.7	26.7	29.3	25.5	21.8	23.4
23	34.0	29.3	31.6	32.8	26.7	29.7	30.9	27.4	29.3	21.8	19.6	20.6
24	35.1	30.3	32.5	31.2	27.2	29.4	31.3	27.1	29.2	19.6	18.2	18.9
25	35.4	30.7	32.8	33.0	27.4	30.0	33.3	27.2	29.9	22.7	17.2	19.6
26	34.7	30.2	32.3	32.7	28.9	30.7	32.6	28.1	30.4	25.0	19.6	21.9
27	35.2	30.1	32.4	30.9	27.8	28.9	32.3	27.8	30.0	27.0	22.0	24.1
28	34.6	30.0	32.1	31.4	26.2	28.4	31.0	27.4	29.1	25.0	22.8	23.9
29	32.3	28.1	29.8	30.7	27.9	29.2	29.6	25.3	27.4	24.0	19.7	21.9
30	33.3	27.9	30.2	29.6	26.6	28.2	28.8	24.9	27.0	24.2	20.1	21.9
31	---	---	---	30.1	26.2	28.3	28.1	24.2	26.4	---	---	---
Month	35.4	23.4	28.8	35.0	26.2	30.3	33.8	24.2	29.3	30.1	17.2	24.1

	Max	Min	Mean
Year	35.4	0.2	18.8