Water-Data Report 2012

07387050 Vermilion Bay(B. Fearman) nr Intracoastal City, LA

Atchafalaya-Vermilion Basin
Vermilion Subbasin

LOCATION.--Lat 29°40′28″, long 92°08′08″ referenced to North American Datum of 1983, Vermilion Parish, LA, Hydrologic Unit 08080103, installed on a platform next to La. Dept. of Wildlife and Fisheries boat shed in Bayou Fearman.

DRAINAGE AREA.--Indeterminate.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--June 1999 to current year.

GAGE.--Water-stage recorder. Datum of gage is assumed.

REMARKS.--Site affected by wind and tide. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 12.25 ft, Sept. 12, 2008, but may have been higher during period of missing record due to Hurricane Ike; minimum gage height, 1.40 ft, Dec 3, 2000.

CORRECTIONS.--Minimum temperature for period of record was incorrectly published in the 2010 water year as Jan. 8, 9, 2010. Corrected to Jan. 9, 2010 during the 2011 water year.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 9.03 ft, Mar. 21; minimum recorded gage height, 1.91 ft, Aug. 29.

07387050 Vermilion Bay(B. Fearman) nr Intracoastal City, LA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
[e, estimated]

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	6.34	4.17	5.30	6.32	4.56	5.49	6.35	5.02	5.62	6.37	4.95	5.40
2	6.64	4.22	5.60	6.79	5.58	6.25	6.50	5.35	5.78	5.54	3.40	4.54
3	6.42	3.93	5.39	6.67	3.51	5.01	7.04	5.84	6.41	5.92	3.88	4.76
4	6.28	4.13	5.37	5.19	3.40	4.32	6.89	5.80	6.42	5.97	4.82	5.44
5	6.53	4.61	5.62	6.31	4.95	5.73	6.89	5.62	6.29	5.63	3.78	4.77
6	6.84	5.56	6.29	6.71	5.59	6.16	5.97	3.86	4.79	6.17	3.99	5.10
7	7.07	5.98	6.54	6.89	5.30	6.13	4.85	2.80	3.77	6.21	4.10	5.26
8	7.17	6.29	6.81	7.03	5.59	6.41	6.29	4.32	5.34	6.04	4.06	5.28
9	7.29	6.47	6.91	6.90	4.50	5.48	6.16	4.46	5.40	6.82	4.46	5.55
10	7.26	5.90	6.58	5.23	2.99	4.02	5.96	3.86	4.86	6.95	4.31	5.56
11	6.69	5.19	6.06	6.55	4.55	5.50	6.12	3.97	5.14	5.64	3.15	4.51
12	6.63	4.64	5.75	6.91	4.76	5.89	6.48	4.50	5.57	5.64	3.20	4.47
13	6.21	4.10	5.40	6.97	4.69	5.91	6.68	4.42	5.56	5.43	3.61	4.42
14	6.93	4.66	5.83	6.81	4.84	5.92	6.67	5.03	5.99	5.58	4.11	4.82
15	6.87	4.27	5.69	7.22	5.09	6.08	6.68	4.94	5.86	6.25	4.46	5.09
16	6.93	4.35	5.81	7.35	4.77	5.91	6.52	5.08	5.75	6.21	4.92	5.53
17	6.80	4.53	5.82	6.48	3.80	4.74	5.95	4.59	5.10	6.17	4.49	5.46
18	7.03	3.29	5.71	6.78	5.26	5.96	6.76	4.92	5.74	6.28	4.21	5.33
19	4.30	2.50	3.36	6.95	5.52	6.18	6.89	5.51	6.32	6.65	4.62	5.69
20	5.54	3.99	4.91	6.65	5.58	6.10	6.85	5.16	6.20	6.61	4.35	5.54
21	6.09	4.43	5.24	6.68	5.29	6.13	6.87	4.64	5.82	6.62	4.34	5.62
22	6.03	4.72	5.20	6.89	5.17	6.16	7.08	4.78	5.74	6.89	4.60	5.84
23	6.36	5.19	5.85	6.16	3.89	5.19	7.00	4.96	6.02	6.80	4.49	5.79
24	6.28	4.64	5.45	6.75	4.30	5.53	7.35	5.25	6.41	6.82	5.36	6.08
25	6.25	4.66	5.47	7.03	4.86	6.09	7.17	4.98	6.28	7.16	5.70	6.45
26	6.40	4.43	5.58	7.26	5.46	6.55	7.05	4.58	5.81	6.79	4.20	5.28
27	6.49	4.31	5.69	6.58	3.08	4.29	5.77	3.72	4.94	6.30	3.87	4.84
28	6.70	3.97	5.28	4.90	3.31	4.07	6.61	4.70	5.67	6.26	4.46	5.25
29	5.80	2.98	4.16	5.18	3.54	4.44	6.51	4.86	5.87	5.92	4.40	5.13
30	6.60	4.12	5.57	6.15	4.49	5.17	6.35	4.61	5.54	6.20	4.70	5.56
31	6.59	4.08	5.33	---	---	---	6.41	5.18	5.75	6.12	4.91	5.56
Month	7.29	2.50	5.60	7.35	2.99	5.56	7.35	2.80	5.67	7.16	3.15	5.29

07387050 Vermilion Bay(B. Fearman) nr Intracoastal City, LA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
[e, estimated]

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	6.17	4.74	5.51	6.17	4.69	5.48	6.53	5.12	5.77	6.64	5.63	6.20
2	6.33	4.50	5.40	6.53	5.14	5.85	6.93	5.78	6.36	7.02	5.63	6.51
3	6.84	5.20	6.11	6.39	4.40	5.23	7.63	6.21	6.86	6.58	5.25	6.09
4	6.57	4.63	5.61	5.49	3.98	4.70	7.84	5.90	6.67	6.69	5.04	6.05
5	6.01	4.11	5.09	5.71	4.28	5.13	7.22	4.95	5.98	6.72	4.90	5.90
6	6.06	3.80	5.07	6.23	4.58	5.37	6.46	5.02	5.93	6.91	4.76	5.89
7	6.23	4.27	5.45	6.94	5.65	6.37	6.74	5.17	6.14	6.78	4.64	5.94
8	5.60	3.60	4.82	7.36	6.02	6.78	6.84	5.35	6.05	6.88	4.79	6.01
9	6.36	4.67	5.48	6.97	5.45	6.12	6.54	4.82	5.80	6.44	4.57	5.56
10	6.44	4.95	5.60	7.14	5.36	6.39	6.51	4.75	5.77	7.09	4.55	5.98
11	5.19	3.60	4.38	7.50	5.73	6.80	6.54	4.62	5.57	7.86	6.21	7.12
12	6.22	3.84	4.88	7.08	5.61	6.49	7.16	5.02	6.26	7.01	5.78	6.24
13	7.35	5.09	6.32	6.92	5.29	6.28	7.47	5.81	6.78	6.11	4.99	5.55
14	6.75	4.91	5.65	6.83	5.17	6.16	7.67	6.42	7.17	6.25	5.28	5.65
15	6.98	4.81	5.99	6.80	5.24	6.14	7.97	7.26	7.59	6.21	5.10	5.80
16	6.77	5.05	5.90	6.68	5.04	5.95	7.56	5.78	6.77	6.61	5.21	5.82
17	6.70	4.53	5.63	7.03	5.36	6.25	6.67	4.84	5.94	6.50	5.03	5.76
18	7.00	5.37	6.28	6.99	5.71	6.50	5.95	4.77	5.33	6.50	4.86	5.71
19	6.88	3.75	5.24	7.68	6.27	6.99	6.59	5.20	5.95	6.69	4.87	5.98
20	6.82	5.26	5.95	8.67	7.42	8.05	7.10	5.29	6.09	6.93	4.92	6.00
21	6.77	4.81	5.85	9.03	5.93	7.33	6.90	3.90	5.34	6.28	4.57	5.52
22	6.18	4.51	5.49	7.03	5.76	6.41	5.80	3.60	4.77	6.08	4.10	5.20
23	6.31	4.93	5.67	6.93	5.30	5.93	5.55	4.04	4.78	6.15	4.22	5.38
24	6.48	4.05	5.41	6.73	5.09	5.72	6.57	4.60	5.61	7.31	4.82	6.16
25	6.19	3.79	5.12	6.37	5.00	5.59	6.32	4.67	5.59	7.15	5.45	6.36
26	6.14	5.09	5.80	6.22	4.90	5.43	6.75	4.80	5.88	6.57	5.21	5.99
27	5.90	4.92	5.52	6.25	4.81	5.63	7.16	5.03	6.07	6.56	5.17	5.76
28	6.40	4.88	5.74	6.50	5.33	5.99	6.96	5.57	6.25	6.07	4.96	5.39
29	6.16	5.08	5.68	6.51	5.29	5.97	6.78	5.62	6.21	5.56	4.59	5.12
30	---	---	---	6.82	5.46	6.12	6.68	5.75	6.17	5.71	4.68	5.17
31	---	---	---	6.18	5.09	5.70	---	---	---	6.06	4.52	5.46
Month	7.35	3.60	5.54	9.03	3.98	6.09	7.97	3.60	6.05	7.86	4.10	5.85

07387050 Vermilion Bay(B. Fearman) nr Intracoastal City, LA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
[e, estimated]

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	5.91	4.19	5.09	7.21	4.86	6.36	6.37	4.26	5.52	7.14	6.07	6.62
2	6.65	4.09	5.65	6.73	4.59	5.88	6.33	4.46	5.65	6.87	5.50	6.11
3	6.70	4.43	5.75	6.63	4.55	5.81	6.48	4.75	5.76	6.32	5.10	5.74
4	6.62	4.42	5.61	6.69	4.59	5.85	6.72	5.01	6.05	6.04	4.68	5.46
5	6.58	4.31	5.64	6.63	4.78	5.94	6.56	5.35	5.95	6.01	4.48	5.36
6	6.43	4.46	5.65	7.08	4.97	5.92	6.38	5.18	5.76	5.77	4.32	5.07
7	7.50	4.59	5.91	6.63	5.00	5.92	6.34	5.10	5.73	6.56	5.13	5.82
8	7.15	4.83	6.03	6.70	5.41	5.90	6.51	5.30	6.02	6.90	4.48	5.79
9	6.83	5.26	6.20	6.40	5.18	5.75	6.63	4.74	5.73	6.11	4.99	5.47
10	7.03	5.66	6.36	6.54	5.16	5.80	6.55	4.85	5.68	6.72	5.14	6.01
11	6.65	5.59	6.17	e7.29	e4.70	e5.92	6.45	4.41	5.60	7.05	5.80	6.39
12	7.10	4.86	5.87	e6.76	e4.71	e5.95	6.57	4.74	5.76	7.15	5.45	6.48
13	6.38	5.00	5.79	e6.84	e4.92	e5.99	6.71	4.64	5.82	7.07	5.50	6.48
14	6.36	4.70	5.64	e6.59	e4.65	e5.81	6.44	4.31	5.50	7.26	5.58	6.63
15	6.65	4.80	5.90	e6.63	e4.55	e5.74	6.27	4.34	5.50	6.98	5.98	6.50
16	7.00	5.09	6.37	e6.68	e4.68	e5.86	6.48	4.52	5.75	7.12	5.90	6.48
17	7.39	5.72	6.72	6.84	4.78	e5.97	6.50	4.88	5.73	7.19	5.95	6.53
18	7.73	5.67	7.03	6.78	4.86	5.89	6.58	4.72	5.89	6.32	4.60	5.44
19	7.79	6.24	7.24	6.61	4.79	5.69	6.91	4.92	5.84	6.62	4.96	5.85
20	7.70	6.25	7.06	7.40	4.29	5.61	6.76	5.38	6.07	6.64	4.87	5.85
21	7.33	5.84	6.62	6.30	4.81	5.68	6.83	5.20	5.93	7.06	5.26	6.27
22	7.32	5.53	6.64	6.81	5.09	6.07	6.63	5.25	6.06	7.01	4.74	5.97
23	7.53	5.91	6.98	6.79	5.55	6.27	6.81	5.40	6.25	6.61	4.69	5.71
24	7.28	6.11	6.69	6.85	5.46	6.17	7.16	5.38	6.34	6.51	4.72	5.66
25	7.16	5.91	6.64	6.56	5.23	6.06	7.12	5.41	6.46	6.58	5.42	6.07
26	7.63	6.44	6.95	6.50	5.09	5.99	7.23	5.08	6.38	6.82	5.64	6.32
27	7.22	5.82	6.65	6.94	4.82	6.06	6.85	4.67	5.87	6.76	5.72	6.26
28	7.31	5.50	6.62	6.70	4.66	5.84	5.73	3.50	5.02	6.86	5.67	6.37
29	7.13	5.16	6.32	6.63	4.29	5.62	---	---	---	6.65	5.52	6.12
30	7.18	5.29	6.48	6.60	4.40	5.66	7.18	1.90	5.87	7.05	5.47	6.57
31	---	---	---	6.48	4.26	5.54	7.34	5.97	6.69	---	---	---
Month	7.79	4.09	6.28	7.40	4.26	5.89	---	---	---	7.26	4.32	6.05

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 1999 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: June 1999 to current year.
SALINITY: October 2002 to currrent year.
WATER TEMPERATURE: June 1999 to current year.

INSTRUMENTATION.--Water-quality monitor recording specific conductance and water temperature.

REMARKS.--
SPECIFIC CONDUCTANCE: Records excellent except for Oct. 8-20, Nov. 6-Dec. 13, Mar. 21-Apr. 05, Apr. 30-May 31, June 28-July 11, July 29-Aug. 16 and Sep. 9-27 when good; Dec. 14-Jan. 10 when fair; and Jan. 11-Feb. 14 when poor.
SALINITY: Records excellent except for Oct. 8-20, Nov. 6-Dec. 13, Mar. 21-Apr. 05, Apr. 30-May 31, June 28-July 11, July 29-Aug. 16 and Sep. 9-27 when good; Dec. 14-Jan. 10 when fair; and Jan. 11-Feb. 14 when poor.
TEMPERATURE: Records Good.

EXTREMES FOR PERIOD OF RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 44,000 microsiemens/cm, Sep. 01,2012; minimum, 467 microsiemens/cm, July 18, 2004.SALINITY: Maximum, 28.4 ppt, Sep. 01, 2012; minimum, 0.2 ppt, July 18, 2004.
WATER TEMPERATURE: Maximum, 37.0°C, Aug. 1, 2, 2010; minimum, -0.1°C, Jan. 9, 2010.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 44,000 microsiemens/cm, Sept. 1; minimum, 2,200 microsiemens/cm, Aug. 29.
SALINITY: Maximum, 28.4 ppt, Sept. 1; minimum, 1.1 ppt, Aug. 29.
WATER TEMPERATURE: Maximum, 35.0°C, July 18; minimum, 6.3°C, Feb. 12.

07387050 Vermilion Bay(B. Fearman) nr Intracoastal City, LA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	17,700	16,300	17,000	18,000	16,100	17,100	17,200	16,100	16,700	15,800	13,400	14,500
2	18,000	16,800	17,300	20,100	17,100	18,500	17,300	16,200	17,000	15,700	13,600	15,100
3	17,900	16,900	17,400	20,300	17,600	18,900	18,400	16,300	17,400	15,800	12,500	14,800
4	17,800	16,900	17,500	20,400	17,200	18,400	20,500	17,100	18,900	14,800	12,300	13,600
5	17,900	17,300	17,600	21,300	18,900	20,100	20,200	18,100	19,200	14,700	12,200	13,700
6	17,600	16,500	17,200	21,300	19,600	21,000	19,000	16,600	17,800	14,800	12,400	13,700
7	17,000	16,000	16,500	23,300	18,700	20,600	18,400	16,000	17,100	14,200	12,500	13,400
8	16,200	13,700	14,900	24,100	20,200	22,600	19,500	17,400	18,300	13,700	11,900	12,900
9	14,600	13,300	14,100	23,100	15,400	19,100	18,300	17,100	17,700	13,200	11,600	12,600
10	15,000	11,000	13,100	18,900	16,100	17,400	19,000	16,700	17,900	12,800	10,300	11,900
11	14,900	10,800	12,700	19,500	16,700	18,700	19,000	17,300	18,300	13,200	10,800	12,600
12	15,800	11,400	13,200	19,600	18,000	19,000	19,200	17,600	18,400	13,400	11,400	12,800
13	16,700	10,700	13,800	20,400	18,300	19,500	19,400	17,600	18,600	13,400	12,200	13,100
14	15,700	10,500	12,500	20,700	18,900	20,100	19,400	17,900	18,900	12,600	10,900	11,900
15	15,200	11,600	13,200	20,800	19,200	20,300	19,900	17,800	18,900	12,200	8,420	10,200
16	14,400	11,700	13,000	20,500	17,200	19,300	19,300	17,100	18,400	11,600	8,680	10,200
17	13,700	11,300	12,500	20,000	16,100	17,700	19,200	17,200	18,600	12,200	10,600	11,700
18	13,300	10,800	12,300	20,600	17,800	19,500	18,800	16,700	18,000	12,100	10,400	11,400
19	16,300	12,700	14,800	20,200	18,300	19,600	18,200	16,900	17,800	11,900	10,600	11,300
20	16,500	13,100	14,900	20,100	18,200	19,600	18,200	16,200	17,800	14,100	11,400	12,400
21	15,700	12,900	13,900	19,800	18,300	19,200	18,000	15,700	17,300	14,800	12,000	13,700
22	14,800	13,500	14,000	19,200	17,800	18,400	18,000	16,000	17,400	14,900	13,500	14,100
23	14,200	13,800	14,000	19,100	17,200	18,300	17,700	16,000	17,400	15,200	14,100	14,700
24	16,600	13,900	15,000	18,500	16,600	17,700	17,700	15,800	17,200	15,000	13,600	14,400
25	16,200	14,100	15,600	17,900	16,500	17,300	17,500	16,400	17,100	14,300	12,400	13,300
26	15,900	14,300	15,600	17,400	16,200	16,900	17,100	15,600	16,800	12,700	11,800	12,300
27	16,100	14,200	15,600	17,200	15,400	16,400	16,800	15,000	16,300	12,400	11,600	12,200
28	16,200	14,600	15,700	16,600	15,100	15,800	16,700	14,800	16,400	12,400	10,500	11,500
29	17,200	15,300	16,300	17,800	14,900	16,100	16,600	14,300	16,000	11,800	9,870	11,400
30	17,100	15,300	16,300	17,500	16,000	17,000	16,300	14,200	15,600	10,600	8,890	9,780
31	17,400	14,900	16,600	---	---	---	16,200	13,100	14,700	10,400	8,800	9,700
Month	18,000	10,500	15,000	24,100	14,900	18,700	20,500	13,100	17,500	15,800	8,420	12,600

07387050 Vermilion Bay(B. Fearman) nr Intracoastal City, LA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	10,800	9,770	10,200	5,940	4,800	5,010	5,080	4,290	4,600	10,100	7,510	8,640
2	10,600	9,420	10,100	5,080	4,780	4,900	4,820	4,300	4,570	8,070	7,590	7,910
3	9,900	8,290	9,030	6,280	4,830	5,390	4,380	3,940	4,170	8,050	7,700	7,920
4	9,680	8,290	8,860	7,040	5,600	6,500	4,210	3,800	3,920	8,620	7,670	8,190
5	10,500	8,410	9,450	6,760	5,430	5,870	4,100	3,820	3,910	8,430	7,790	8,230
6	10,700	9,080	9,810	6,080	4,680	5,370	---	---	---	8,380	7,680	8,150
7	9,830	8,380	9,120	5,310	4,120	4,690	---	---	---	8,490	7,350	7,980
8	9,930	7,670	8,830	6,390	3,970	4,770	---	---	---	8,080	7,370	7,870
9	9,040	8,050	8,630	8,290	5,020	6,630	---	---	---	7,970	7,110	7,680
10	8,700	7,840	8,470	10,700	5,840	9,060	---	---	---	8,080	6,790	7,610
11	9,210	7,780	8,620	9,620	7,200	8,500	---	---	---	8,020	7,380	7,810
12	8,720	7,870	8,340	8,140	5,030	6,470	---	---	---	7,840	6,860	7,440
13	8,450	7,820	8,160	6,680	4,960	5,480	---	---	---	7,460	6,600	7,130
14	8,190	7,710	7,990	5,670	4,100	4,810	---	---	---	7,200	6,490	6,950
15	8,290	7,170	7,760	5,310	3,820	4,400	---	---	---	7,180	6,570	6,980
16	7,860	7,230	7,430	5,460	3,300	4,180	---	---	---	7,260	6,780	7,020
17	8,220	6,890	7,560	4,810	2,610	3,490	---	---	---	7,190	6,990	7,090
18	7,200	6,290	6,860	3,840	2,930	3,270	---	---	---	7,300	7,110	7,180
19	6,660	5,600	6,180	4,630	3,180	3,660	---	---	---	7,300	7,020	7,120
20	6,490	6,030	6,330	4,630	3,640	4,190	---	---	---	7,370	6,940	7,110
21	6,440	6,190	6,320	4,400	3,830	4,030	---	---	---	7,400	6,820	7,140
22	6,710	5,980	6,380	4,260	3,690	3,950	---	---	---	7,300	5,600	6,740
23	7,080	6,220	6,730	4,570	3,590	4,200	---	---	---	6,790	5,980	6,410
24	6,950	5,880	6,590	4,720	3,970	4,380	4,340	3,080	3,830	6,520	5,620	6,010
25	7,200	6,280	6,820	4,870	4,050	4,460	4,350	2,690	3,330	6,580	5,880	6,390
26	6,920	5,860	6,230	4,870	3,970	4,370	3,580	2,840	3,200	6,700	5,990	6,600
27	6,620	5,590	5,920	5,140	3,850	4,300	3,590	2,900	3,190	9,700	6,600	7,220
28	6,500	5,300	5,930	4,720	4,180	4,420	4,470	3,130	3,770	12,800	6,830	9,330
29	6,090	4,720	5,030	4,700	4,280	4,440	15,700	3,780	7,130	11,100	7,280	9,100
30	---	---	---	4,750	4,170	4,390	15,800	6,580	10,900	10,700	7,060	9,390
31	---	---	---	4,760	4,300	4,430	---	---	---	9,780	6,930	8,760
Month	10,800	4,720	7,710	10,700	2,610	4,970	---	---	---	12,800	5,600	7,580

07387050 Vermilion Bay(B. Fearman) nr Intracoastal City, LA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	9,460	7,030	8,250	12,100	10,900	11,600	7,350	4,920	6,030	44,000	32,700	39,700
2	9,200	7,610	8,520	12,300	11,100	11,700	10,800	4,920	8,070	42,500	34,000	38,700
3	10,100	7,860	9,460	12,600	11,500	12,200	11,400	5,770	9,260	43,100	27,300	37,400
4	11,900	8,980	10,700	12,800	11,000	12,400	10,900	6,260	9,410	42,400	23,700	34,100
5	14,300	9,480	12,400	13,400	11,700	12,600	9,990	8,280	9,360	40,100	22,800	31,200
6	16,800	10,400	14,300	13,900	11,800	12,900	10,500	7,740	9,190	37,700	18,500	27,200
7	16,000	10,400	13,600	13,600	11,900	12,800	12,300	7,120	9,900	37,800	18,100	28,000
8	16,000	13,100	14,900	13,300	11,700	12,600	12,500	8,180	10,600	32,100	19,500	23,200
9	15,700	14,500	15,100	12,900	10,900	12,100	10,900	6,780	9,070	30,400	22,400	26,400
10	15,700	13,300	14,900	12,400	10,100	11,300	11,600	7,130	9,450	31,100	24,800	28,300
11	15,700	13,100	14,400	---	---	---	11,700	6,700	9,930	30,700	26,600	29,200
12	15,600	13,200	14,500	---	---	---	9,910	7,300	8,800	30,600	27,000	29,400
13	15,800	12,800	14,900	---	---	---	10,400	6,970	8,910	30,900	27,000	29,700
14	15,800	12,200	14,100	---	---	---	15,300	7,430	10,600	31,200	27,200	29,900
15	16,000	12,500	14,600	---	---	---	14,200	7,860	11,000	31,300	26,900	29,600
16	15,700	13,800	14,900	---	---	---	14,100	7,920	11,800	31,500	27,500	29,800
17	16,500	14,400	15,600	11,800	10,100	11,100	19,000	8,610	13,500	30,700	26,700	28,800
18	16,300	14,400	15,600	11,800	9,910	11,000	19,600	10,400	16,100	30,300	20,800	25,900
19	15,300	12,200	13,200	11,700	9,490	10,800	17,100	10,000	13,200	29,700	24,100	27,500
20	13,600	12,500	13,100	12,300	8,930	10,600	16,600	9,010	12,800	30,500	23,500	27,500
21	13,500	12,000	12,900	10,700	7,620	9,590	14,600	8,780	11,900	30,700	24,200	28,700
22	13,400	12,100	12,800	9,530	7,270	8,630	13,100	10,100	11,800	29,500	24,300	26,900
23	13,300	11,100	12,200	7,960	5,880	6,870	12,900	11,400	11,900	30,100	22,600	26,100
24	12,800	10,700	12,000	7,150	5,490	6,460	13,100	8,940	11,200	29,200	20,900	25,100
25	12,900	11,200	12,100	6,720	4,850	5,970	12,800	8,440	11,400	27,900	21,300	25,900
26	12,400	10,900	11,700	6,280	5,110	5,870	11,900	9,540	11,100	29,700	24,000	27,100
27	12,500	10,900	11,600	6,130	4,880	5,730	13,300	5,800	10,300	28,800	25,100	28,200
28	12,600	11,300	11,900	5,680	4,440	5,200	10,600	5,140	7,060	29,100	27,800	28,600
29	12,600	11,100	11,800	6,050	4,850	5,520	---	---	---	29,100	26,100	28,100
30	12,000	10,700	11,600	6,610	4,890	5,950	40,500	3,170	29,400	29,100	23,100	27,700
31	---	---	---	6,370	4,550	5,730	42,600	28,200	36,900	---	---	---
Month	16,800	7,030	12,900	---	---	---	---	---	---	44,000	18,100	29,100

07387050 Vermilion Bay(B. Fearman) nr Intracoastal City, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	10.4	9.5	10	10.6	9.4	10.1	10.1	9.4	9.8	9.2	7.7	8.4
2	10.6	9.9	10.2	12.0	10.1	11.0	10.2	9.4	10	9.1	7.8	8.8
3	10.5	9.9	10.3	12.1	10.4	11.2	10.9	9.5	10.2	9.2	7.2	8.6
4	10.5	9.9	10.3	12.1	10.1	10.9	12.2	10.1	11.2	8.6	7.0	7.9
5	10.5	10.2	10.3	12.8	11.2	12.0	12.0	10.7	11.4	8.6	7.0	7.9
6	10.4	9.7	10.1	12.8	11.7	12.6	11.3	9.7	10.5	8.6	7.1	7.9
7	10.0	9.3	9.7	14.1	11.1	12.3	10.9	9.3	10.0	8.2	7.2	7.7
8	9.4	7.9	8.6	14.6	12.0	13.6	11.6	10.2	10.8	7.9	6.8	7.4
9	8.5	7.6	8.1	13.9	9.0	11.4	10.8	10.1	10.4	7.6	6.6	7.2
10	8.7	6.2	7.5	11.2	9.4	10.3	11.3	9.8	10.6	7.4	5.8	6.8
11	8.7	6.1	7.3	11.6	9.8	11.1	11.3	10.2	10.8	7.6	6.1	7.2
12	9.2	6.5	7.6	11.7	10.6	11.2	11.4	10.4	10.9	7.7	6.5	7.3
13	9.8	6.1	7.9	12.1	10.8	11.6	11.5	10.4	11.0	7.7	7.0	7.5
14	9.1	6.0	7.2	12.4	11.2	12.0	11.5	10.5	11.2	7.2	6.2	6.8
15	8.9	6.6	7.6	12.4	11.4	12.1	11.8	10.5	11.2	7.0	4.7	5.8
16	8.3	6.6	7.5	12.2	10.1	11.4	11.5	10.1	10.9	6.6	4.8	5.7
17	7.9	6.4	7.2	11.9	9.4	10.4	11.4	10.1	11.0	7.0	6.0	6.7
18	7.6	6.1	7.0	12.3	10.5	11.6	11.1	9.8	10.6	6.9	5.9	6.5
19	9.5	7.3	8.6	12.0	10.8	11.7	10.7	9.9	10.5	6.8	6.0	6.4
20	9.7	7.5	8.7	12.0	10.7	11.6	10.7	9.4	10.5	8.1	6.5	7.1
21	9.1	7.4	8.0	11.8	10.8	11.4	10.6	9.1	10.2	8.6	6.8	7.9
22	8.6	7.8	8.1	11.4	10.5	10.9	10.6	9.3	10.2	8.7	7.8	8.2
23	8.2	7.9	8.1	11.4	10.1	10.8	10.4	9.3	10.2	8.9	8.1	8.5
24	9.7	8.0	8.7	10.9	9.7	10.4	10.4	9.2	10.1	8.7	7.8	8.3
25	9.4	8.1	9.1	10.5	9.7	10.2	10.3	9.6	10.1	8.3	7.1	7.7
26	9.3	8.3	9.1	10.2	9.4	9.9	10.1	9.1	9.9	7.3	6.7	7.0
27	9.4	8.2	9.1	10.1	9.0	9.6	9.9	8.7	9.5	7.1	6.6	7.0
28	9.4	8.5	9.1	9.7	8.8	9.2	9.8	8.6	9.6	7.1	6.0	6.5
29	10.1	8.9	9.5	10.5	8.7	9.4	9.7	8.3	9.3	6.7	5.5	6.4
30	10.1	8.9	9.5	10.3	9.3	10	9.5	8.2	9.1	6.0	5.0	5.5
31	10.2	8.7	9.7	---	---	---	9.4	7.5	8.5	5.9	4.9	5.4
Month	10.6	6.0	8.7	14.6	8.7	11.1	12.2	7.5	10.3	9.2	4.7	7.2

07387050 Vermilion Bay(B. Fearman) nr Intracoastal City, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	6.1	5.5	5.8	3.2	2.6	2.7	2.7	2.3	2.5	5.7	4.1	4.8
2	6.0	5.3	5.7	2.7	2.6	2.6	2.6	2.3	2.4	4.5	4.2	4.4
3	5.6	4.6	5.0	3.4	2.6	2.9	2.3	2.1	2.2	4.5	4.2	4.4
4	5.4	4.6	4.9	3.9	3.0	3.5	2.2	2.0	2.1	4.8	4.2	4.5
5	6.0	4.7	5.3	3.7	2.9	3.2	2.2	2.0	2.1	4.7	4.3	4.6
6	6.1	5.1	5.5	3.3	2.5	2.9	---	---	---	4.6	4.2	4.5
7	5.5	4.6	5.1	2.9	2.2	2.5	---	---	---	4.7	4.0	4.4
8	5.6	4.2	4.9	3.5	2.1	2.5	---	---	---	4.5	4.1	4.3
9	5.0	4.5	4.8	4.6	2.7	3.6	---	---	---	4.4	3.9	4.2
10	4.8	4.3	4.7	6.1	3.2	5.1	---	---	---	4.5	3.7	4.2
11	5.1	4.3	4.8	5.4	4.0	4.7	---	---	---	4.4	4.1	4.3
12	4.9	4.3	4.6	4.5	2.7	3.5	---	---	---	4.3	3.8	4.1
13	4.7	4.3	4.5	3.6	2.7	3.0	---	---	---	4.1	3.6	3.9
14	4.5	4.3	4.4	3.1	2.2	2.6	---	---	---	4.0	3.5	3.8
15	4.6	3.9	4.3	2.9	2.0	2.3	---	---	---	3.9	3.6	3.8
16	4.3	4.0	4.1	2.9	1.7	2.2	---	---	---	4.0	3.7	3.8
17	4.6	3.8	4.2	2.6	1.3	1.8	---	---	---	3.9	3.8	3.9
18	4.0	3.4	3.8	2.0	1.5	1.7	---	---	---	4.0	3.9	3.9
19	3.6	3.0	3.4	2.5	1.7	1.9	---	---	---	4.0	3.8	3.9
20	3.5	3.3	3.4	2.5	1.9	2.2	---	---	---	4.1	3.8	3.9
21	3.5	3.4	3.4	2.3	2.0	2.1	---	---	---	4.1	3.7	3.9
22	3.7	3.2	3.5	2.3	1.9	2.1	---	---	---	4.0	3.0	3.7
23	3.9	3.4	3.7	2.4	1.9	2.2	---	---	---	3.7	3.2	3.5
24	3.8	3.2	3.6	2.5	2.1	2.3	2.3	1.6	2.0	3.6	3.0	3.3
25	4.0	3.4	3.7	2.6	2.1	2.4	2.3	1.4	1.7	3.6	3.2	3.5
26	3.8	3.2	3.4	2.6	2.1	2.3	1.9	1.5	1.7	3.7	3.2	3.6
27	3.6	3.0	3.2	2.8	2.0	2.3	1.9	1.5	1.7	5.4	3.6	4.0
28	3.5	2.8	3.2	2.5	2.2	2.4	2.4	1.6	2.0	7.4	3.7	5.2
29	3.3	2.5	2.7	2.5	2.3	2.4	9.1	2.0	4.0	6.3	4.0	5.1
30	---	---	---	2.5	2.2	2.3	9.2	3.6	6.2	6.1	3.9	5.3
31	---	---	---	2.5	2.3	2.4	---	---	---	5.5	3.8	4.9
Month	6.1	2.5	4.3	6.1	1.3	2.7	---	---	---	7.4	3.0	4.2

07387050 Vermilion Bay(B. Fearman) nr Intracoastal City, LA—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	5.3	3.9	4.6	6.9	6.2	6.6	4.0	2.6	3.3	28.4	20.4	25.3
2	5.1	4.2	4.7	7.0	6.3	6.6	6.1	2.6	4.5	27.3	21.3	24.6
3	5.7	4.3	5.3	7.2	6.5	6.9	6.5	3.1	5.2	27.7	16.7	23.7
4	6.8	5.0	6.0	7.4	6.2	7.1	6.2	3.4	5.3	27.2	14.4	21.4
5	8.3	5.3	7.1	7.7	6.6	7.2	5.6	4.6	5.2	25.6	13.7	19.4
6	9.9	5.9	8.3	8.0	6.7	7.4	6.0	4.3	5.1	23.9	10.9	16.7
7	9.3	5.9	7.8	7.8	6.8	7.4	7.0	3.9	5.6	23.9	10.7	17.3
8	9.3	7.5	8.7	7.6	6.6	7.2	7.2	4.5	6.0	20.0	11.6	14.0
9	9.1	8.4	8.8	7.4	6.2	6.9	6.2	3.7	5.1	18.9	13.5	16.2
10	9.1	7.6	8.6	7.1	5.7	6.4	6.6	3.9	5.3	19.3	15.0	17.4
11	9.1	7.5	8.3	---	---	---	6.6	3.7	5.6	19.0	16.3	18.0
12	9.1	7.6	8.4	---	---	---	5.6	4.0	4.9	19.0	16.5	18.1
13	9.2	7.4	8.6	---	---	---	5.9	3.8	5.0	19.2	16.5	18.4
14	9.2	7.0	8.2	---	---	---	8.9	4.1	6.0	19.4	16.6	18.5
15	9.3	7.2	8.4	---	---	---	8.2	4.3	6.2	19.4	16.4	18.3
16	9.1	7.9	8.7	---	---	---	8.1	4.4	6.7	19.6	16.9	18.5
17	9.7	8.3	9.1	6.7	5.7	6.3	11.3	4.8	7.8	19.0	16.3	17.7
18	9.5	8.3	9.1	6.7	5.6	6.2	11.7	5.9	9.4	18.8	12.4	15.8
19	8.9	7.0	7.6	6.6	5.3	6.1	10.1	5.6	7.6	18.4	14.6	16.9
20	7.8	7.2	7.5	7.0	5.0	6.0	9.7	5.0	7.3	18.9	14.2	16.9
21	7.8	6.8	7.4	6.1	4.2	5.4	8.5	4.9	6.8	19.0	14.7	17.7
22	7.7	6.9	7.3	5.3	4.0	4.8	7.5	5.7	6.7	18.2	14.7	16.5
23	7.6	6.3	7.0	4.4	3.2	3.8	7.4	6.5	6.8	18.7	13.6	15.9
24	7.4	6.1	6.8	3.9	3.0	3.5	7.5	5.0	6.3	18.0	12.5	15.3
25	7.4	6.3	6.9	3.7	2.6	3.2	7.4	4.7	6.5	17.2	12.8	15.8
26	7.1	6.2	6.7	3.4	2.7	3.2	6.8	5.3	6.3	18.4	14.5	16.6
27	7.2	6.2	6.6	3.3	2.6	3.1	7.6	3.1	5.8	17.7	15.3	17.3
28	7.2	6.4	6.8	3.1	2.4	2.8	6.0	2.8	3.9	17.9	17.1	17.6
29	7.2	6.3	6.7	3.3	2.6	3.0	---	---	---	17.9	15.9	17.3
30	6.8	6.1	6.6	3.6	2.6	3.2	25.9	1.6	18.4	17.9	13.9	17.0
31	---	---	---	3.5	2.4	3.1	27.3	17.4	23.3	---	---	---
Month	9.9	3.9	7.4	---	---	---	---	---	---	28.4	10.7	18.0

07387050 Vermilion Bay(B. Fearman) nr Intracoastal City, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	27.0	22.4	24.3	21.4	17.2	18.9	15.3	11.9	12.9	19.0	14.8	17.3
2	24.4	21.2	22.9	20.8	18.5	19.4	14.4	11.8	13.1	14.8	11.7	13.0
3	24.8	21.3	22.8	19.8	16.4	18.8	15.8	13.6	14.5	12.0	8.8	10.3
4	25.6	21.9	23.3	16.4	12.7	15.1	17.4	15.6	16.5	12.6	10.0	11.4
5	26.1	22.5	23.9	17.0	14.8	16.0	18.5	17.2	17.7	15.8	12.5	14.0
6	25.6	23.6	24.5	18.8	16.4	17.4	17.7	10.8	14.2	16.7	14.1	15.3
7	25.9	23.6	24.6	20.3	17.9	19.1	11.9	7.7	9.9	17.6	14.6	15.9
8	25.7	24.0	24.7	21.0	19.5	20.3	10.5	8.2	9.6	19.7	16.3	17.7
9	25.4	24.0	24.6	22.3	18.1	20.6	10.5	8.8	9.7	19.3	17.8	18.6
10	25.0	23.4	24.3	18.1	14.0	15.4	11.1	8.4	9.8	19.2	15.3	18.3
11	26.9	23.4	25.2	16.9	13.1	15.0	10.4	8.3	9.4	16.3	11.6	14.4
12	28.2	25.0	26.4	16.6	14.7	15.7	10.7	8.5	9.7	15.2	9.9	13.3
13	28.0	25.4	26.5	20.6	15.9	17.6	13.7	9.8	11.2	10.9	7.5	9.2
14	26.8	23.8	25.4	22.2	17.9	19.4	15.6	11.7	13.2	12.7	8.4	10.4
15	27.5	24.0	25.7	23.6	19.7	21.2	17.6	13.8	15.5	12.8	10.1	11.5
16	28.3	24.4	26.2	24.3	21.1	22.4	18.0	15.6	16.6	14.6	12.1	13.3
17	28.8	25.4	26.9	22.0	16.3	18.6	17.3	14.1	15.4	16.9	14.2	15.8
18	27.0	17.3	24.2	16.5	14.8	15.6	14.6	11.9	13.5	16.8	13.7	15.4
19	18.4	14.7	16.4	18.3	15.0	16.4	14.1	12.5	13.5	16.3	14.2	15.3
20	20.3	15.0	16.9	20.0	17.1	18.4	16.2	14.0	14.9	19.4	16.3	17.8
21	20.8	15.9	17.8	21.8	19.3	20.6	16.6	15.4	16.1	21.8	18.0	19.5
22	21.1	18.0	19.4	22.2	21.0	21.6	16.8	15.8	16.4	21.5	19.5	20.5
23	21.9	19.6	20.7	21.7	18.6	20.2	15.8	14.0	14.7	23.1	20.2	21.1
24	24.9	21.0	22.8	19.6	16.3	18.4	14.1	12.2	13.0	20.8	17.9	18.9
25	24.2	21.6	23.2	19.5	17.1	18.5	13.0	12.1	12.7	19.9	18.0	19.0
26	24.9	22.0	23.5	21.3	18.6	19.7	13.0	12.3	12.7	19.6	15.4	18.3
27	26.6	22.8	24.3	19.8	12.3	16.0	13.9	9.8	12.0	16.6	13.1	15.1
28	24.6	16.6	21.5	13.4	9.3	12.1	13.4	11.6	12.4	18.2	13.5	16.0
29	17.5	12.6	15.2	14.0	9.4	12.1	15.4	12.3	13.3	14.4	11.4	13.3
30	18.7	15.1	16.7	14.5	11.2	12.6	17.9	13.2	14.9	14.4	12.4	13.5
31	20.7	15.8	17.9	---	---	---	17.2	15.0	16.1	16.4	14.0	15.1
Month	28.8	12.6	22.7	24.3	9.3	17.8	18.5	7.7	13.4	23.1	7.5	15.4

07387050 Vermilion Bay(B. Fearman) nr Intracoastal City, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	18.5	15.9	17.3	22.0	20.0	20.9	27.0	24.6	25.7	28.0	25.6	26.8
2	19.6	18.0	18.8	22.4	20.7	21.6	26.5	24.5	25.3	28.4	25.9	26.9
3	20.2	19.1	19.7	21.7	14.4	18.9	25.1	22.9	24.1	30.0	26.4	27.9
4	21.7	19.9	20.5	17.1	12.7	14.5	25.0	22.8	24.3	30.4	27.7	28.9
5	20.4	14.9	17.9	19.1	14.7	16.9	28.0	24.0	25.5	30.5	28.4	29.3
6	15.4	12.1	14.1	20.3	16.6	18.4	26.4	24.3	25.3	32.0	28.2	29.5
7	17.3	12.8	15.3	20.1	18.2	19.2	25.8	23.2	24.4	29.9	27.7	29.2
8	17.8	14.2	15.8	22.3	19.8	21.0	27.4	23.9	25.3	29.4	26.4	27.8
9	15.0	13.7	14.2	22.3	17.6	20.5	28.1	24.5	25.9	29.0	26.1	27.3
10	14.1	12.6	13.5	18.4	16.9	17.4	27.6	24.8	26.3	26.8	23.8	25.5
11	13.7	8.5	11.8	19.5	16.8	17.9	28.8	24.3	26.1	25.8	24.0	24.5
12	8.8	6.3	7.7	22.7	19.4	20.6	26.1	24.2	24.9	24.8	23.2	23.9
13	9.7	7.7	8.3	24.3	21.4	22.7	24.8	23.1	24.1	26.3	22.4	24.2
14	14.6	9.7	12.1	24.9	22.6	23.6	25.0	23.0	24.2	28.1	23.4	25.7
15	15.6	13.9	14.7	25.0	22.6	24.0	25.2	23.3	24.4	28.1	25.4	26.9
16	16.9	15.2	16.0	25.4	22.9	24.3	25.4	23.9	24.7	27.6	24.9	26.3
17	16.5	15.9	16.2	25.6	23.4	24.5	24.2	20.5	22.9	29.4	24.6	26.5
18	16.6	16.0	16.3	25.6	23.5	24.7	23.9	17.4	20.7	30.9	26.8	28.3
19	17.7	13.6	15.6	24.8	23.4	24.1	24.4	21.0	22.4	30.1	28.3	29.0
20	15.4	13.8	14.7	23.6	22.8	23.2	25.3	22.2	23.6	30.3	27.6	28.8
21	18.1	14.7	16.4	23.1	19.8	21.3	23.8	18.5	21.5	31.8	26.8	28.9
22	21.1	17.4	18.8	21.3	18.7	20.1	22.4	15.5	18.9	29.3	26.2	27.1
23	20.9	19.0	19.8	24.4	19.9	21.8	21.5	16.7	19.2	29.8	25.7	27.6
24	20.2	14.9	18.1	25.0	21.0	22.6	22.8	18.8	20.6	27.9	26.2	27.0
25	15.2	12.8	13.8	26.5	21.8	23.7	24.0	19.9	21.6	29.2	25.8	27.0
26	13.8	12.0	13.1	26.8	22.0	24.1	24.9	21.4	22.9	29.8	26.1	27.7
27	15.4	13.6	14.4	27.1	23.8	25.3	24.8	22.5	23.4	31.3	27.6	29.2
28	17.9	14.6	15.9	25.9	23.6	24.8	25.0	22.9	23.8	32.8	27.9	30.0
29	21.0	17.3	18.7	25.9	23.3	24.6	25.8	23.1	24.4	32.2	27.3	29.7
30	---	---	---	25.3	24.0	24.6	28.1	24.3	26.1	32.4	27.9	29.8
31	---	---	---	26.6	22.8	24.6	---	---	---	30.3	28.0	29.1
Month	21.7	6.3	15.5	27.1	12.7	21.8	28.8	15.5	23.8	32.8	22.4	27.6

07387050 Vermilion Bay(B. Fearman) nr Intracoastal City, LA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	31.1	27.4	29.1	33.2	30.2	31.3	32.8	29.3	30.4	29.6	27.2	28.4
2	29.5	26.3	27.7	33.5	30.1	31.4	31.9	29.0	30.4	31.4	28.4	29.5
3	31.1	27.1	28.6	33.4	30.8	31.8	32.1	29.1	30.5	32.8	28.8	30.3
4	31.2	27.6	29.0	33.4	30.2	31.7	32.5	29.7	30.9	33.2	29.1	30.7
5	31.4	27.8	29.4	33.0	30.4	31.7	33.8	29.9	31.2	33.1	28.9	30.5
6	33.1	29.0	30.5	33.8	30.2	31.5	33.9	30.3	31.7	34.9	28.7	31.3
7	31.8	27.4	29.2	32.0	29.3	30.4	34.7	30.8	32.4	33.1	29.3	31.0
8	30.6	27.7	29.1	30.5	29.4	29.8	32.5	31.6	32.1	33.2	29.3	30.6
9	30.0	27.7	28.8	29.5	28.0	28.7	31.6	30.2	30.9	29.7	27.0	27.9
10	29.3	27.9	28.3	29.0	27.4	28.3	31.7	29.7	30.4	28.4	25.7	26.7
11	30.6	27.5	28.8	---	---	---	32.0	28.1	29.8	28.1	25.7	26.7
12	29.7	28.2	28.9	---	---	---	32.1	28.8	30.1	27.4	26.1	26.7
13	30.5	27.3	28.7	---	---	---	31.6	29.5	30.3	28.4	26.0	26.9
14	29.9	28.0	29.0	---	---	---	32.1	29.2	30.4	29.5	26.6	27.8
15	30.1	27.7	28.6	---	---	---	30.6	29.3	29.7	30.7	27.8	29.1
16	29.5	27.5	28.3	---	---	---	31.3	28.9	29.9	30.5	28.4	29.5
17	28.5	26.7	27.4	33.5	29.8	31.6	30.8	29.4	30.1	29.7	27.6	28.8
18	27.6	26.5	27.0	35.0	30.6	32.2	29.7	27.9	29.1	29.0	25.2	27.1
19	28.7	26.5	27.5	32.7	30.7	31.5	28.0	26.5	27.2	28.1	25.1	26.5
20	29.1	26.8	27.8	31.8	28.6	30.1	30.4	25.8	28.0	28.2	24.4	26.1
21	29.6	27.1	28.2	29.3	27.0	28.5	31.7	28.0	29.4	29.4	25.6	27.2
22	30.2	28.0	29.0	29.6	26.6	28.3	30.3	28.5	29.2	30.9	26.9	28.5
23	30.4	28.5	29.4	30.6	27.7	29.0	31.1	27.8	29.0	31.7	27.4	29.2
24	33.9	29.1	30.9	32.2	28.8	30.0	28.9	27.2	28.1	32.0	27.8	29.6
25	32.6	30.5	31.4	32.5	30.0	31.0	28.6	27.0	27.6	30.7	27.7	29.4
26	33.2	30.0	31.4	31.7	29.9	30.8	31.4	27.5	29.0	29.2	27.4	28.3
27	33.8	31.7	32.6	31.2	29.6	30.2	31.2	28.3	29.6	29.3	26.8	28.0
28	34.2	31.7	32.6	32.3	29.1	30.1	29.0	25.7	27.8	28.8	27.7	28.3
29	34.2	31.0	32.1	33.4	29.2	30.7	---	---	---	28.3	27.0	27.7
30	33.0	30.8	31.6	33.1	29.8	30.6	27.1	26.4	25.8	27.7	25.7	26.9
31	---	---	---	32.9	30.0	31.0	28.4	26.4	27.3	---	---	---
Month	34.2	26.3	29.4	---	---	---	---	---	---	34.9	24.4	28.5