



Water-Data Report 2012

0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC

Cape Fear Basin
New Subbasin

LOCATION.--Lat 34°44'56", long 77°26'16" referenced to North American Datum of 1983, Onslow County, NC, Hydrologic Unit 03030001, on left bank, .28 mi downstream of bridge at U.S. Highway 17 at Jacksonville, NC.

DRAINAGE AREA.--167.35 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 2007 to November 2012 (discontinued).

GAGE.--Water stage recorder. Datum is at North American Vertical Datum of 1988. Satellite telemetry at streamgage.

REMARKS.--This site is affected by astronomical and wind tides. The astronomical tides occur at primary harmonic periods of 12.42 and 24.84 hours.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 3.92 ft, September 30, 2010; minimum gage height, -1.75 ft, January 1, 2009.

EXTREMES FOR CURRENT PERIOD (OCTOBER 2011 TO NOVEMBER 2012).--Maximum gage height, 1.73 ft, October 30, 2012; minimum gage height, -1.40 ft, January 3.

REVISIONS.--Revised figures of gage height for the water year 2010, superseding those published in the report for 2010 are given below.

Water-Data Report 2012

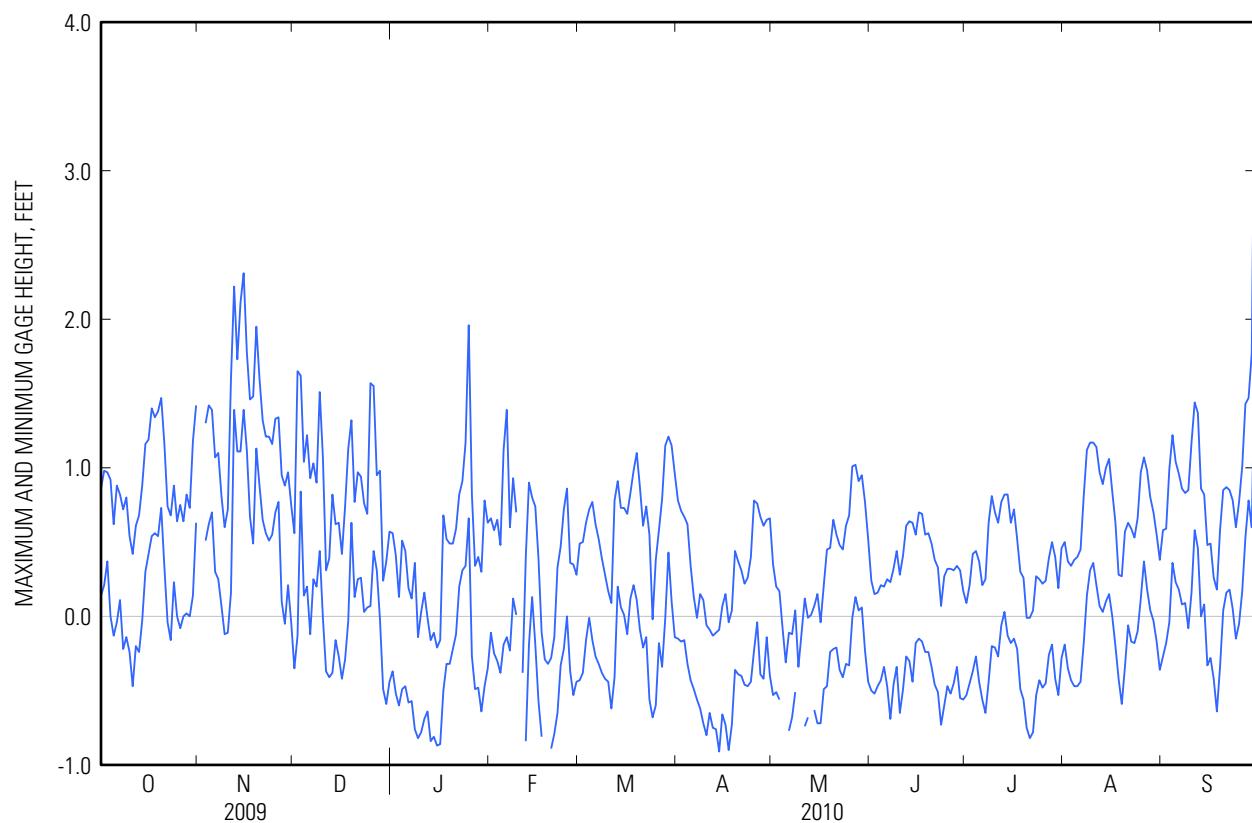
0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—Continued
GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	0.86	0.14	---	---	0.56	-0.35	0.56	-0.37	0.66	-0.11	0.49	-0.43
2	0.98	0.21	---	---	1.65	-0.13	0.41	-0.52	0.58	-0.25	0.50	-0.38
3	0.97	0.37	1.30	0.51	1.62	0.84	0.13	-0.60	0.65	-0.30	0.63	-0.16
4	0.92	0.00	1.42	0.62	1.04	0.14	0.51	-0.49	0.48	-0.38	0.72	-0.01
5	0.62	-0.13	1.39	0.70	1.22	0.20	0.44	-0.47	1.12	-0.19	0.77	-0.16
6	0.88	-0.04	1.07	0.30	0.93	-0.12	0.19	-0.58	1.39	-0.14	0.62	-0.27
7	0.82	0.11	1.10	0.25	1.03	0.25	0.12	-0.57	0.60	-0.23	0.52	-0.32
8	0.72	-0.22	0.81	0.07	0.90	0.20	0.36	-0.76	0.93	0.12	0.39	-0.38
9	0.80	-0.14	0.60	-0.12	1.51	0.44	-0.14	-0.82	0.70	0.01	0.28	-0.42
10	0.54	-0.24	0.72	-0.11	1.07	-0.01	0.03	-0.78	---	---	0.17	-0.44
11	0.42	-0.47	1.60	0.16	0.31	-0.37	0.16	-0.69	-0.38	---	0.09	-0.62
12	0.61	-0.20	2.22	1.39	0.39	-0.41	-0.01	-0.64	0.40	-0.84	0.78	-0.41
13	0.68	-0.24	1.73	1.11	0.82	-0.38	-0.16	-0.84	0.90	-0.19	0.91	0.20
14	0.88	-0.03	2.11	1.11	0.62	-0.16	-0.11	-0.81	0.80	0.13	0.73	0.06
15	1.16	0.30	2.31	1.39	0.63	-0.27	-0.21	-0.87	0.74	-0.19	0.73	0.01
16	1.19	0.42	1.78	1.12	0.42	-0.42	-0.16	-0.86	0.39	-0.57	0.69	-0.12
17	1.40	0.54	1.46	0.67	0.74	-0.29	0.68	-0.50	-0.11	-0.81	0.83	0.12
18	1.34	0.56	1.48	0.49	1.13	-0.03	0.52	-0.32	-0.29	---	0.98	0.21
19	1.38	0.54	1.95	1.13	1.32	0.63	0.49	-0.32	-0.32	---	1.10	0.11
20	1.47	0.73	1.60	0.88	0.77	0.13	0.49	-0.22	-0.28	-0.89	0.87	-0.09
21	1.16	0.33	1.32	0.65	0.97	0.25	0.59	-0.12	-0.14	-0.79	0.61	-0.21
22	0.74	-0.04	1.21	0.56	0.94	0.26	0.82	0.20	0.33	-0.65	0.74	-0.14
23	0.68	-0.16	1.21	0.51	0.76	0.03	0.91	0.31	0.47	-0.33	0.55	-0.56
24	0.88	0.23	1.16	0.55	0.69	0.06	1.17	0.34	0.72	-0.22	-0.02	-0.68
25	0.64	0.00	1.33	0.70	1.57	0.07	1.96	0.66	0.86	0.00	0.38	-0.60
26	0.75	-0.08	1.34	0.77	1.55	0.44	0.82	-0.27	0.36	-0.37	0.58	-0.18
27	0.64	0.00	0.95	0.10	0.95	0.31	0.34	-0.49	0.35	-0.53	0.79	-0.34
28	0.82	0.02	0.88	-0.05	0.98	-0.02	0.40	-0.48	0.28	-0.44	1.15	-0.01
29	0.73	0.00	0.97	0.21	0.24	-0.49	0.30	-0.64	---	---	1.21	0.43
30	1.18	0.14	0.75	-0.04	0.37	-0.59	0.78	-0.47	---	---	1.15	0.10
31	1.42	0.63	---	---	0.57	-0.44	0.63	-0.35	---	---	0.96	-0.14
Month	1.47	-0.47	---	---	1.65	-0.59	1.96	-0.87	---	---	1.21	-0.68

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GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	April		May		June		July		August		September	
1	0.78	-0.15	0.35	-0.53	0.24	-0.50	0.09	-0.53	0.50	-0.19	0.58	-0.27
2	0.71	-0.17	0.20	-0.51	0.15	-0.52	0.21	-0.45	0.37	-0.35	0.59	-0.18
3	0.67	-0.16	0.17	-0.56	0.16	-0.47	0.42	-0.37	0.34	-0.43	0.99	-0.04
4	0.62	-0.32	-0.08	---	0.21	-0.43	0.44	-0.27	0.38	-0.47	1.22	0.36
5	0.34	-0.43	-0.31	---	0.20	-0.34	0.37	-0.44	0.40	-0.47	1.04	0.23
6	0.13	-0.49	-0.11	-0.77	0.25	-0.47	0.21	-0.56	0.45	-0.44	0.96	0.18
7	-0.01	-0.56	-0.12	-0.68	0.23	-0.69	0.25	-0.65	0.81	-0.18	0.86	0.08
8	0.15	-0.62	0.04	-0.51	0.32	-0.46	0.63	-0.44	1.12	0.14	0.83	0.09
9	0.11	-0.72	-0.34	---	0.44	-0.34	0.81	-0.20	1.17	0.31	0.85	-0.08
10	-0.06	-0.80	-0.11	---	0.28	-0.65	0.70	-0.21	1.17	0.36	1.17	0.16
11	-0.09	-0.65	0.12	-0.74	0.41	-0.49	0.63	-0.27	1.14	0.21	1.44	0.58
12	-0.13	-0.75	-0.01	-0.68	0.61	-0.27	0.77	-0.06	0.97	0.07	1.37	0.46
13	-0.11	-0.76	0.01	---	0.64	-0.30	0.82	0.03	0.89	0.03	0.86	0.00
14	-0.09	-0.91	0.07	-0.63	0.63	-0.44	0.82	-0.13	1.00	0.10	0.82	0.08
15	0.07	-0.66	0.15	-0.72	0.55	-0.18	0.63	-0.18	1.06	0.15	0.48	-0.33
16	0.15	-0.73	-0.04	-0.72	0.70	-0.15	0.72	-0.15	0.84	0.00	0.49	-0.28
17	-0.04	-0.90	0.21	-0.49	0.69	-0.17	0.52	-0.22	0.63	-0.20	0.26	-0.42
18	0.04	-0.73	0.45	-0.47	0.55	-0.24	0.30	-0.49	0.28	-0.42	0.18	-0.64
19	0.44	-0.36	0.46	-0.24	0.56	-0.24	0.26	-0.56	0.27	-0.59	0.58	-0.34
20	0.37	-0.39	0.65	-0.22	0.49	-0.34	-0.01	-0.75	0.57	-0.34	0.85	0.04
21	0.31	-0.40	0.55	-0.21	0.38	-0.46	-0.01	-0.82	0.63	-0.06	0.87	0.16
22	0.22	-0.46	0.48	-0.36	0.33	-0.51	0.04	-0.78	0.59	-0.17	0.85	0.18
23	0.26	-0.47	0.45	-0.41	0.07	-0.73	0.27	-0.53	0.53	-0.18	0.78	0.05
24	0.40	-0.44	0.61	-0.32	0.27	-0.60	0.25	-0.43	0.66	-0.10	0.60	-0.15
25	0.78	-0.23	0.68	-0.33	0.32	-0.47	0.22	-0.48	0.97	0.12	0.77	-0.05
26	0.76	-0.04	1.01	-0.01	0.32	-0.52	0.24	-0.45	1.07	0.37	1.01	0.17
27	0.67	-0.39	1.02	0.13	0.31	-0.45	0.39	-0.26	0.98	0.18	1.43	0.53
28	0.61	-0.42	0.91	0.04	0.34	-0.34	0.50	-0.19	0.80	0.04	1.47	0.78
29	0.65	-0.14	0.95	0.06	0.31	-0.55	0.40	-0.42	0.70	-0.03	1.77	0.60
30	0.66	-0.40	0.77	-0.23	0.17	-0.56	0.19	-0.53	0.55	-0.17	3.92	1.77
31	---	---	0.52	-0.44	---	---	0.46	-0.28	0.38	-0.36	---	---
Month	0.78	-0.91	1.02	---	0.70	-0.73	0.82	-0.82	1.17	-0.59	3.92	-0.64

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GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

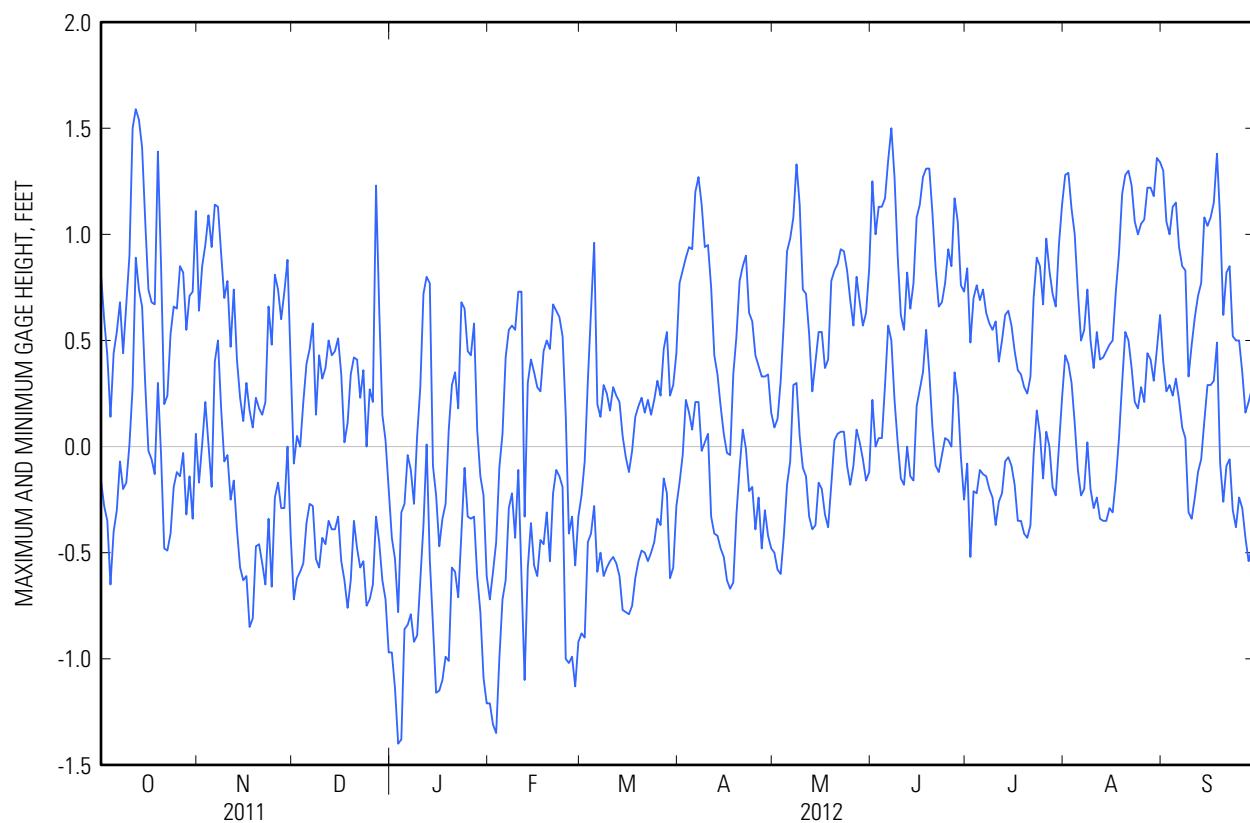
Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	0.81	-0.16	0.64	-0.17	-0.08	-0.72	-0.43	-0.97	-0.72	-1.21	-0.23	-0.88
2	0.60	-0.28	0.85	0.01	0.05	-0.62	-0.53	-1.14	-0.59	-1.31	-0.07	-0.90
3	0.43	-0.35	0.95	0.21	0.00	-0.59	-0.78	-1.40	-0.45	-1.35	0.31	-0.45
4	0.14	-0.65	1.09	0.01	0.21	-0.55	-0.31	-1.38	-0.10	-1.00	0.64	-0.41
5	0.44	-0.40	0.94	-0.19	0.39	-0.36	-0.27	-0.86	0.06	-0.72	0.96	-0.28
6	0.54	-0.30	1.14	0.40	0.46	-0.27	-0.04	-0.84	0.42	-0.63	0.20	-0.59
7	0.68	-0.07	1.13	0.50	0.58	-0.28	-0.11	-0.79	0.55	-0.29	0.14	-0.50
8	0.44	-0.20	0.91	0.18	0.15	-0.53	-0.27	-0.92	0.57	-0.22	0.29	-0.61
9	0.67	-0.17	0.70	-0.07	0.43	-0.57	0.05	-0.89	0.55	-0.43	0.25	-0.57
10	0.90	0.01	0.78	-0.04	0.32	-0.43	0.28	-0.63	0.73	-0.11	0.17	-0.54
11	1.50	0.28	0.47	-0.25	0.37	-0.46	0.72	-0.37	0.73	-0.61	0.28	-0.52
12	1.59	0.89	0.74	-0.16	0.50	-0.35	0.80	0.01	-0.33	-1.10	0.24	-0.55
13	1.54	0.74	0.41	-0.39	0.43	-0.39	0.77	-0.53	0.30	-0.57	0.21	-0.61
14	1.41	0.66	0.23	-0.57	0.45	-0.39	-0.09	-0.84	0.41	-0.36	0.05	-0.77
15	1.06	0.29	0.12	-0.63	0.51	-0.33	-0.23	-1.16	0.35	-0.56	-0.05	-0.78
16	0.74	-0.02	0.30	-0.61	0.34	-0.54	-0.47	-1.15	0.28	-0.61	-0.12	-0.79
17	0.68	-0.06	0.17	-0.85	0.02	-0.63	-0.34	-1.10	0.26	-0.44	-0.02	-0.75
18	0.67	-0.13	0.09	-0.81	0.11	-0.76	-0.27	-0.99	0.45	-0.46	0.14	-0.62
19	1.39	0.30	0.23	-0.47	0.34	-0.63	0.08	-1.01	0.50	-0.31	0.19	-0.54
20	0.85	-0.04	0.18	-0.46	0.42	-0.35	0.29	-0.57	0.46	-0.54	0.23	-0.49
21	0.20	-0.48	0.15	-0.55	0.41	-0.48	0.35	-0.59	0.67	-0.22	0.16	-0.50
22	0.24	-0.49	0.21	-0.65	0.23	-0.57	0.18	-0.71	0.64	-0.11	0.22	-0.54
23	0.53	-0.41	0.66	-0.34	0.36	-0.54	0.68	-0.41	0.61	-0.14	0.15	-0.50
24	0.66	-0.19	0.48	-0.66	0.00	-0.75	0.65	-0.10	0.52	-0.19	0.22	-0.45
25	0.65	-0.12	0.81	-0.24	0.27	-0.72	0.45	-0.33	0.15	-1.00	0.31	-0.34
26	0.85	-0.14	0.74	-0.17	0.21	-0.65	0.43	-0.34	-0.41	-1.02	0.24	-0.37
27	0.82	-0.03	0.60	-0.29	1.23	-0.33	0.58	-0.33	-0.33	-0.99	0.46	-0.15
28	0.55	-0.32	0.73	-0.29	0.65	-0.45	0.08	-0.61	-0.56	-1.13	0.54	-0.22
29	0.71	-0.14	0.88	0.00	0.15	-0.63	-0.14	-0.78	-0.33	-0.92	0.24	-0.62
30	0.73	-0.34	0.39	-0.42	0.03	-0.72	-0.23	-1.09	---	---	0.29	-0.57
31	1.11	0.06	---	---	-0.20	-0.97	-0.61	-1.21	---	---	0.44	-0.28
Month	1.59	-0.65	1.14	-0.85	1.23	-0.97	0.80	-1.40	0.73	-1.35	0.96	-0.90

0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—Continued
GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	April		May		June		July		August		September	
1	0.77	-0.17	0.09	-0.50	1.25	0.22	0.84	-0.08	1.28	0.43	1.30	0.40
2	0.83	-0.04	0.13	-0.58	1.00	0.00	0.49	-0.52	1.29	0.39	1.06	0.26
3	0.89	0.22	0.31	-0.60	1.13	0.04	0.70	-0.21	1.12	0.30	1.00	0.29
4	0.94	0.16	0.59	-0.42	1.13	0.04	0.76	-0.22	1.00	0.11	1.13	0.24
5	0.93	0.08	0.92	-0.18	1.17	0.29	0.69	-0.11	0.73	-0.11	1.15	0.32
6	1.20	0.21	0.98	-0.07	1.35	0.57	0.74	-0.13	0.50	-0.23	0.94	0.22
7	1.27	0.21	1.08	0.29	1.50	0.50	0.63	-0.14	0.55	-0.20	0.85	0.09
8	1.14	-0.02	1.33	0.30	1.27	0.22	0.58	-0.20	0.74	0.02	0.83	0.04
9	0.94	0.02	1.14	0.05	0.90	0.02	0.55	-0.24	0.50	-0.20	0.33	-0.31
10	0.95	0.06	0.74	-0.10	0.62	-0.15	0.59	-0.37	0.37	-0.29	0.48	-0.34
11	0.75	-0.33	0.72	-0.14	0.55	-0.18	0.40	-0.26	0.54	-0.24	0.61	-0.24
12	0.43	-0.41	0.53	-0.33	0.82	0.00	0.50	-0.22	0.41	-0.34	0.71	-0.12
13	0.34	-0.42	0.26	-0.39	0.65	-0.14	0.62	-0.07	0.42	-0.35	0.77	-0.06
14	0.19	-0.48	0.40	-0.37	0.77	-0.16	0.64	-0.05	0.45	-0.35	1.08	0.12
15	0.06	-0.52	0.54	-0.17	1.08	0.19	0.57	-0.09	0.48	-0.29	1.04	0.29
16	-0.03	-0.63	0.54	-0.20	1.14	0.27	0.45	-0.18	0.50	-0.31	1.08	0.29
17	-0.04	-0.67	0.37	-0.32	1.27	0.35	0.36	-0.35	0.73	-0.16	1.15	0.31
18	0.34	-0.64	0.41	-0.38	1.31	0.55	0.34	-0.35	0.91	0.04	1.38	0.49
19	0.52	-0.32	0.78	-0.18	1.31	0.35	0.28	-0.41	1.19	0.30	1.07	-0.08
20	0.78	-0.10	0.83	0.03	1.10	0.09	0.25	-0.43	1.28	0.54	0.62	-0.26
21	0.85	0.08	0.86	0.06	0.84	-0.09	0.33	-0.37	1.30	0.50	0.82	-0.09
22	0.90	-0.01	0.93	0.07	0.66	-0.12	0.70	-0.04	1.23	0.37	0.85	-0.06
23	0.63	-0.21	0.92	0.07	0.68	-0.04	0.89	0.17	1.06	0.21	0.52	-0.30
24	0.59	-0.19	0.83	-0.09	0.77	0.04	0.85	0.06	1.00	0.18	0.50	-0.38
25	0.43	-0.39	0.69	-0.18	0.93	0.03	0.67	-0.15	1.05	0.28	0.50	-0.24
26	0.38	-0.24	0.57	-0.09	0.85	0.00	0.98	0.07	1.07	0.21	0.35	-0.29
27	0.33	-0.48	0.80	0.08	1.17	0.35	0.83	0.00	1.22	0.44	0.16	-0.43
28	0.33	-0.30	0.68	0.02	1.06	0.24	0.72	-0.19	1.22	0.41	0.21	-0.54
29	0.34	-0.42	0.57	-0.06	0.76	-0.05	0.66	-0.23	1.18	0.31	0.27	-0.48
30	0.16	-0.48	0.63	-0.16	0.73	-0.25	0.95	0.00	1.36	0.46	0.41	-0.42
31	---	---	0.84	-0.12	---	---	1.14	0.23	1.34	0.62	---	---
Month	1.27	-0.67	1.33	-0.60	1.50	-0.25	1.14	-0.52	1.36	-0.35	1.38	-0.54

	Max	Min
Year	1.59	-1.40

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GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

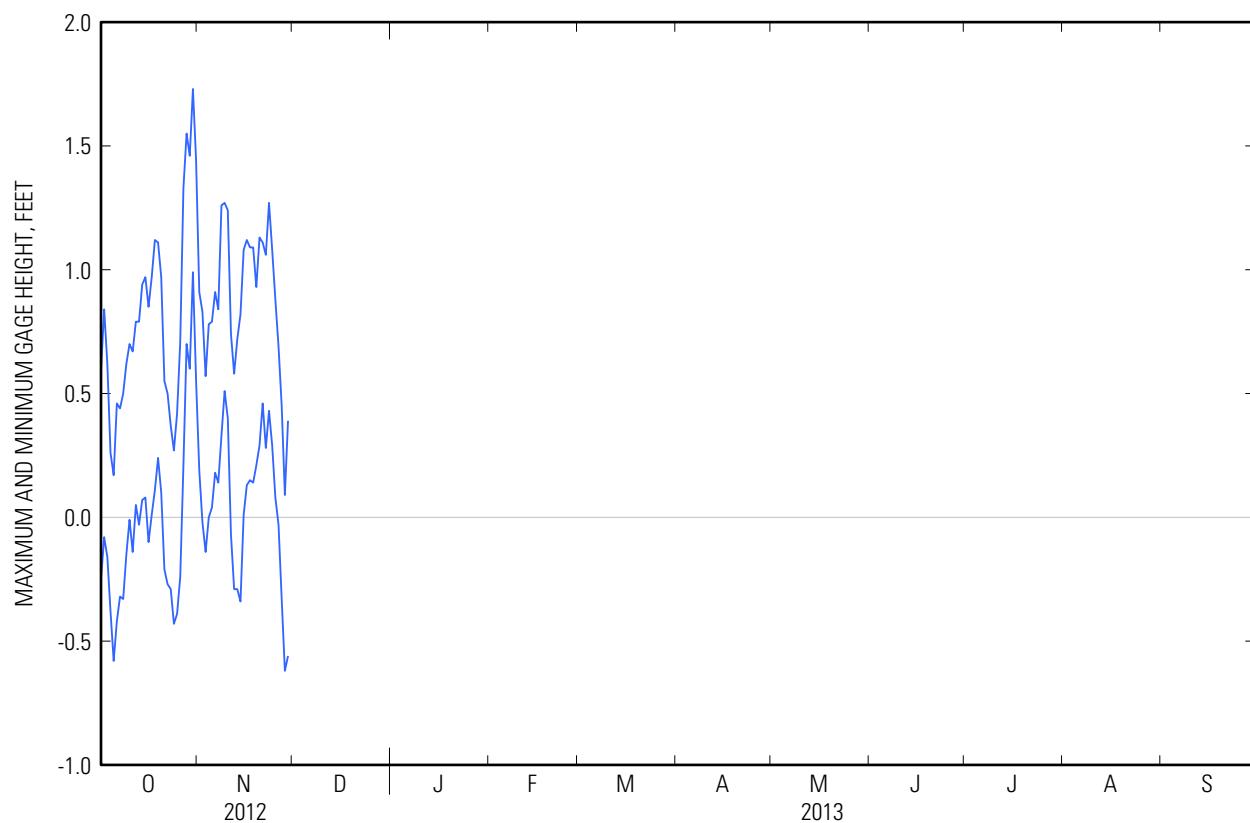
Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	0.59	-0.25	0.91	0.19	---	---	---	---	---	---	---	---
2	0.84	-0.08	0.83	-0.02	---	---	---	---	---	---	---	---
3	0.62	-0.16	0.57	-0.14	---	---	---	---	---	---	---	---
4	0.26	-0.38	0.78	0.00	---	---	---	---	---	---	---	---
5	0.17	-0.58	0.79	0.04	---	---	---	---	---	---	---	---
6	0.46	-0.42	0.91	0.18	---	---	---	---	---	---	---	---
7	0.44	-0.32	0.84	0.14	---	---	---	---	---	---	---	---
8	0.50	-0.33	1.26	0.33	---	---	---	---	---	---	---	---
9	0.62	-0.15	1.27	0.51	---	---	---	---	---	---	---	---
10	0.70	-0.01	1.24	0.40	---	---	---	---	---	---	---	---
11	0.67	-0.14	0.74	-0.07	---	---	---	---	---	---	---	---
12	0.79	0.05	0.58	-0.29	---	---	---	---	---	---	---	---
13	0.79	-0.03	0.72	-0.29	---	---	---	---	---	---	---	---
14	0.94	0.07	0.82	-0.34	---	---	---	---	---	---	---	---
15	0.97	0.08	1.08	0.01	---	---	---	---	---	---	---	---
16	0.85	-0.10	1.12	0.13	---	---	---	---	---	---	---	---
17	0.97	0.01	1.09	0.15	---	---	---	---	---	---	---	---
18	1.12	0.11	1.09	0.14	---	---	---	---	---	---	---	---
19	1.11	0.24	0.93	0.21	---	---	---	---	---	---	---	---
20	0.97	0.10	1.13	0.29	---	---	---	---	---	---	---	---
21	0.55	-0.21	1.11	0.46	---	---	---	---	---	---	---	---
22	0.50	-0.27	1.06	0.28	---	---	---	---	---	---	---	---
23	0.37	-0.29	1.27	0.43	---	---	---	---	---	---	---	---
24	0.27	-0.43	1.08	0.29	---	---	---	---	---	---	---	---
25	0.42	-0.39	0.88	0.08	---	---	---	---	---	---	---	---
26	0.71	-0.24	0.69	-0.03	---	---	---	---	---	---	---	---
27	1.33	0.21	0.45	-0.33	---	---	---	---	---	---	---	---
28	1.55	0.70	0.09	-0.62	---	---	---	---	---	---	---	---
29	1.46	0.60	0.39	-0.56	---	---	---	---	---	---	---	---
30	1.73	0.99	---	---	---	---	---	---	---	---	---	---
31	1.44	0.55	---	---	---	---	---	---	---	---	---	---
Month	1.73	-0.58	---									

0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	April		May		June		July		August		September	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—Continued



0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.—Water years 2007 to November 2012 (discontinued).

PERIOD OF DAILY RECORD.--

SALINITY: December 2007 to November 2012 (discontinued).

SPECIFIC CONDUCTANCE: December 2007 to November 2012 (discontinued).

pH: December 2007 to November 2012 (discontinued).

WATER TEMPERATURE: December 2007 to November 2012 (discontinued).

DISSOLVED OXYGEN: December 2007 to November 2012 (discontinued).

DISSOLVED OXYGEN, PERCENT SATURATION: December 2007 to November 2012 (discontinued).

INSTRUMENTATION.--Water-quality monitor with satellite telemetry.

REMARKS.--Station operated as part of the Defense Coastal/Estuarine Research Program (DCERP) and the Strategic Environmental Research and Development Program (SERDP). The salinity is computed from specific conductance using the conversion from U.S. Geological Survey Water-Supply Paper 2311. The dissolved oxygen, percent saturation is computed using a barometric pressure of 760 mm of Hg.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SALINITY: Maximum recorded, 24.8 ppt, January 16, 2008; minimum recorded, 0.01 ppt, November 3, 2012.

SPECIFIC CONDUCTANCE: Maximum recorded, 38,900 microsiemens, January 16, 2008; minimum recorded, 30 microsiemens, November 3, 2012.

pH: Maximum recorded, 9.2 standard units, July 19, 2012; minimum recorded, 5.8 standard units, November 14, 15, 2009.

WATER TEMPERATURE: Maximum recorded, 34.3°C, July 13, 2011; minimum recorded, 1.6°C, December 15, 2010.

DISSOLVED OXYGEN: Maximum recorded, 19.8 mg/L, March 20, 2012; minimum recorded, 0.0, on many days during the period.

DISSOLVED OXYGEN, PERCENT SATURATION: Maximum recorded, 251%, August 23, 2011; minimum recorded, 0.0, on many days during the period.

EXTREMES FOR CURRENT PERIOD (OCTOBER 2011 TO NOVEMBER 2012).--

SALINITY: Maximum recorded, 21.7 ppt, February 10; minimum recorded, 0.01 ppt, November 3, 2012.

SPECIFIC CONDUCTANCE: Maximum recorded, 34,600 microsiemens, February 10; minimum recorded, 30 microsiemens, November 3, 2012.

pH: Maximum recorded, 9.2 standard units, July 19; minimum recorded, 6.1 standard units, June 2.

WATER TEMPERATURE: Maximum recorded, 33.7°C, July 5, 6; minimum recorded, 5.3°C, January 5.

DISSOLVED OXYGEN: Maximum recorded, 19.8 mg/L, March 20; minimum recorded, 0.0, on several days during the year.

DISSOLVED OXYGEN, PERCENT SATURATION: Maximum recorded, 240%, March 20; minimum recorded, 0.0%, on several days during the year.

0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—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	11.3	5.4	7.9	13.1	9.9	11.3	15.1	5.0	9.7	16.6	9.2	12.5
2	14.3	4.7	9.2	14.9	9.6	12.3	16.5	5.9	12.4	15.8	8.7	12.4
3	13.7	3.6	9.1	15.5	9.8	13.1	16.4	5.6	11.6	14.5	8.5	11.0
4	13.0	4.1	8.6	14.9	9.3	11.5	17.4	7.3	14.1	15.7	10.4	13.5
5	13.2	4.8	9.8	14.4	8.2	10	17.0	11.0	14.2	17.8	8.9	14.5
6	13.9	6.2	10.3	16.5	7.9	11.5	15.7	9.2	12.0	18.4	10	14.9
7	14.3	7.2	10.4	17.0	9.3	12.5	13.8	8.8	11.0	17.0	9.7	12.5
8	13.9	8.1	10.0	17.3	9.1	12.0	14.1	7.8	10.0	17.8	6.5	12.0
9	13.4	8.7	10.2	18.2	8.5	13.2	17.0	7.4	13.1	18.6	10	14.9
10	13.8	10.0	11.2	19.3	8.5	14.7	18.0	8.2	13.4	19.1	11.4	16.7
11	14.4	9.2	12.7	20.6	9.0	14.9	18.2	9.7	13.8	19.9	13.2	17.2
12	14.5	8.5	12.8	20.4	9.9	15.6	19.2	10.2	15.2	18.7	11.2	14.1
13	11.1	5.4	7.9	18.3	10.0	13.7	19.1	11.1	16.1	15.7	9.2	11.5
14	10.0	4.7	6.6	17.6	9.7	12.8	19.2	13.9	16.7	17.6	6.5	11.9
15	10.0	2.7	5.0	15.1	9.2	12.0	19.5	13.1	16.7	18.4	5.3	10.7
16	14.7	2.2	7.0	14.0	9.2	12.2	18.9	10.9	15.5	18.4	6.6	12.7
17	13.9	2.3	7.7	12.8	5.0	8.4	18.4	10.5	14.0	16.8	7.5	11.1
18	13.5	2.4	7.7	14.5	4.3	8.5	19.7	10.8	15.9	14.7	6.4	9.7
19	10.4	3.4	7.4	17.2	5.5	12.3	19.3	12.7	16.4	18.0	6.8	13.6
20	6.4	3.2	4.4	17.2	6.2	11.5	19.1	12.0	15.8	17.7	8.2	14.3
21	8.5	2.2	3.8	17.4	5.5	10.3	18.3	12.7	15.0	17.1	8.5	12.5
22	14.5	1.9	6.7	16.3	6.3	10.6	17.1	11.9	14.2	17.1	5.6	9.9
23	14.5	2.1	8.9	13.2	6.9	9.3	16.1	11.0	13.7	18.4	9.3	14.8
24	14.3	3.7	8.8	14.7	6.4	9.4	17.8	9.7	13.0	17.6	8.1	13.1
25	15.0	5.3	9.8	15.2	6.8	11.6	18.0	10.7	15.0	18.2	7.9	13.4
26	14.7	6.4	10.9	15.7	7.6	11.5	17.7	10.8	14.3	18.3	8.1	12.6
27	13.9	7.8	10.2	15.0	7.8	11.3	18.4	12.8	16.5	16.5	6.5	10.1
28	12.8	7.6	9.4	13.2	7.8	10.9	16.7	13.6	14.8	14.9	5.0	8.8
29	14.8	8.2	11.0	13.1	8.1	10.9	16.5	12.8	14.4	17.2	4.9	10.1
30	14.1	8.1	10.7	13.2	6.7	9.4	16.7	10.9	13.9	18.5	4.4	11.6
31	14.6	9.1	12.2	---	---	---	16.1	8.6	12.8	---	---	---
Month	15.0	1.9	9.0	20.6	4.3	11.6	19.7	5.0	14.0	---	---	---

0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—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	18.8	4.8	10.5	12.4	3.8	7.1	13.2	3.5	8.0	12.4	9.2	10.5
2	18.0	5.4	9.9	13.9	3.8	8.1	13.5	4.2	8.3	12.6	7.0	9.9
3	18.4	6.7	13.2	14.5	5.5	8.3	14.1	5.3	9.4	13.6	6.9	10.1
4	18.6	9.4	15.1	8.9	2.2	4.1	12.7	6.3	8.9	15.2	8.0	11.2
5	17.8	6.2	13.2	10.1	2.0	3.3	12.6	6.7	8.6	16.2	9.2	12.4
6	18.3	7.8	15.2	2.0	0.86	1.3	14.3	7.5	9.4	15.2	7.6	10.0
7	18.4	12.7	16.8	2.6	0.49	0.93	12.8	7.7	9.7	15.7	9.7	11.7
8	18.7	11.3	16.3	6.8	0.48	1.4	13.3	6.2	9.1	15.7	10.2	12.9
9	20.8	11.3	17.6	12.6	0.62	1.8	13.6	5.9	8.8	14.8	8.3	11.1
10	21.7	15.6	19.0	13.5	0.86	4.8	---	---	---	15.1	6.5	10.1
11	21.2	11.8	17.7	14.4	1.4	6.0	13.1	5.4	8.8	18.6	5.9	12.0
12	16.8	12.6	14.5	12.3	1.5	5.2	13.9	5.1	9.5	18.2	6.8	11.8
13	19.8	13.6	16.7	9.9	1.7	4.5	15.1	5.6	9.9	15.6	7.3	10.5
14	20.6	14.0	17.8	10.0	1.7	3.9	13.6	6.2	9.2	12.8	8.5	10.6
15	20.4	9.6	17.8	12.7	1.8	5.2	11.7	6.8	8.6	14.1	8.6	10.9
16	20.9	12.6	18.6	8.5	2.5	4.6	11.0	6.1	8.3	14.1	6.4	9.8
17	21.1	12.0	18.1	8.5	2.7	5.1	11.4	6.2	8.8	13.2	4.0	6.7
18	21.1	15.9	19.3	12.6	3.2	7.4	12.8	6.7	9.7	16.2	3.4	6.2
19	20.2	9.7	15.6	14.4	3.7	8.3	15.0	7.2	10.6	17.2	4.2	9.1
20	19.5	8.1	11.3	12.4	4.4	7.4	15.7	7.6	11.6	16.9	6.5	11.6
21	20.8	7.0	14.9	11.3	4.8	7.0	14.5	9.5	11.7	16.4	8.0	11.9
22	20.7	5.4	13.5	9.7	5.0	7.0	14.1	9.7	11.7	15.7	8.3	11.2
23	19.5	5.1	12.0	10.9	4.6	6.9	14.2	8.9	10.8	13.6	7.7	9.4
24	18.9	4.6	7.8	10.6	4.8	7.0	13.8	8.6	11.1	11.3	6.3	8.4
25	10.6	3.7	5.4	11.4	4.4	6.7	15.0	7.7	11.4	11.4	4.2	7.3
26	17.3	3.7	7.8	11.9	3.6	6.1	14.2	7.9	11.0	14.5	3.7	6.4
27	18.3	3.3	8.5	13.4	3.7	7.3	15.2	7.9	10.9	17.2	5.2	9.4
28	17.3	3.2	7.6	13.9	2.9	7.3	15.1	8.0	11.3	11.1	5.5	7.7
29	17.4	4.3	9.6	10.6	2.4	5.7	16.9	7.9	11.6	10.8	4.9	7.0
30	---	---	---	9.9	3.3	6.5	14.6	8.3	10.9	8.5	1.5	4.1
31	---	---	---	11.9	3.4	7.5	---	---	---	1.9	0.48	0.86
Month	21.7	3.2	13.8	14.5	0.48	5.6	---	---	---	18.6	0.48	9.4

0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—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	0.53	0.14	0.27	14.4	8.8	11.7	4.1	0.18	0.99	1.6	0.09	0.35	
2	1.8	0.10	0.19	13.9	7.7	10.3	4.1	0.24	1.1	4.9	0.19	0.96	
3	10.4	0.17	1.3	15.3	7.8	11.5	3.5	0.21	0.88	5.0	0.16	0.78	
4	13.6	0.82	3.5	15.7	9.0	12.0	2.1	0.23	0.75	0.69	0.13	0.26	
5	13.2	2.1	6.0	15.2	9.3	12.2	1.6	0.26	0.60	0.20	0.06	0.11	
6	12.1	5.1	8.0	14.9	9.3	12.1	4.9	0.24	0.75	0.15	0.06	0.08	
7	11.7	5.9	8.6	14.7	9.2	12.1	5.0	0.41	1.7	0.09	0.07	0.08	
8	11.5	4.6	7.6	14.3	9.2	12.1	8.5	0.59	3.2	0.09	0.07	0.08	
9	10.9	3.9	6.3	14.7	9.7	12.4	5.3	0.59	1.7	0.22	0.07	0.11	
10	10.7	3.6	6.3	15.9	9.7	12.4	3.4	0.66	1.4	3.0	0.10	0.44	
11	9.9	3.6	6.4	14.3	4.4	8.9	2.5	0.60	1.5	5.3	0.16	1.1	
12	9.0	4.6	6.6	4.4	1.6	2.9	1.3	0.35	0.60	5.7	0.29	1.7	
13	13.2	3.0	7.0	10.2	1.2	3.4	1.1	0.28	0.46	6.6	0.40	2.1	
14	14.9	4.0	8.7	8.2	0.92	2.3	2.6	0.27	0.86	6.5	0.80	2.9	
15	15.1	5.0	10.3	5.7	0.73	1.9	5.1	0.38	1.5	6.1	1.4	2.5	
16	14.4	8.0	10.7	11.3	0.81	2.7	8.0	0.63	3.2	6.4	1.5	3.1	
17	15.3	10.4	12.0	10.9	0.79	3.5	8.3	1.1	4.0	6.7	2.1	4.0	
18	14.8	11.6	13.1	6.9	1.1	3.3	7.7	1.9	4.8	6.3	2.8	4.4	
19	14.7	11.5	12.8	6.8	1.1	3.2	9.2	3.4	6.3	4.1	0.39	1.7	
20	14.1	10.7	12.0	8.5	1.3	4.3	9.1	4.0	6.3	4.0	0.25	0.83	
21	13.4	8.8	10.8	10.0	1.2	4.3	9.4	3.2	5.9	6.6	0.18	1.4	
22	12.9	8.0	10.6	12.6	1.1	4.9	8.9	1.3	3.8	4.4	0.28	1.5	
23	13.9	8.3	11.0	14.7	1.0	5.1	5.1	0.36	1.4	5.5	0.35	1.7	
24	14.1	9.0	11.2	8.2	0.34	1.1	0.72	0.15	0.32	8.8	0.55	3.4	
25	14.5	8.8	11.7	0.72	0.15	0.32	1.2	0.13	0.27	8.8	1.2	4.0	
26	14.0	7.0	9.9	0.43	0.10	0.21	0.91	0.10	0.21	6.2	1.1	3.2	
27	16.5	8.3	12.1	1.0	0.11	0.29	2.1	0.09	0.46	5.7	1.1	2.8	
28	15.6	9.1	11.8	6.4	0.16	0.69	1.9	0.11	0.33	6.3	1.4	3.1	
29	14.1	8.6	10.9	6.8	0.25	1.5	0.32	0.08	0.12	6.8	1.7	3.8	
30	15.1	7.3	11.2	8.0	0.53	2.6	1.2	0.10	0.26	8.2	2.1	4.8	
31	---	---	---	5.3	0.33	1.2	1.9	0.07	0.33	---	---	---	
Month	16.5	0.10	8.6	15.9	0.10	5.7	9.4	0.07	1.8	8.8	0.06	1.9	

0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—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	19,100	9,670	13,600	21,800	16,800	19,100	24,800	9,000	16,400	27,100	15,800	20,900	
2	23,700	8,490	15,600	24,600	16,400	20,600	26,900	10,500	20,600	25,900	14,900	20,700	
3	22,800	6,630	15,500	25,400	16,700	21,700	26,800	9,960	19,500	24,000	14,700	18,500	
4	21,600	7,510	14,800	24,500	15,900	19,300	28,200	12,800	23,200	25,800	17,600	22,300	
5	21,900	8,590	16,700	23,800	14,200	17,000	27,600	18,600	23,400	28,900	15,300	23,900	
6	23,000	11,000	17,400	26,900	13,700	19,400	25,800	15,800	20,000	29,700	17,000	24,500	
7	23,600	12,500	17,700	27,700	15,900	20,900	22,900	15,100	18,600	27,600	16,500	20,900	
8	23,000	14,000	17,000	28,100	15,600	20,100	23,400	13,600	17,100	28,900	11,400	20,100	
9	22,300	14,900	17,400	29,500	14,700	22,000	27,600	12,900	21,800	30,100	17,000	24,500	
10	22,900	17,100	18,900	31,000	14,600	24,300	29,100	14,100	22,200	30,700	19,200	27,300	
11	23,800	15,800	21,200	32,900	15,400	24,500	29,500	16,600	22,900	31,900	21,900	27,900	
12	24,000	14,700	21,300	32,600	16,900	25,600	30,900	17,300	25,000	30,200	18,900	23,400	
13	18,800	9,690	13,700	29,600	17,100	22,700	30,700	18,800	26,400	25,700	15,800	19,300	
14	17,100	8,550	11,600	28,600	16,500	21,400	30,900	23,000	27,200	28,500	11,400	19,900	
15	17,100	5,090	8,840	24,800	15,700	20,100	31,400	21,800	27,100	29,700	9,460	18,000	
16	24,300	4,220	12,000	23,200	15,700	20,400	30,500	18,500	25,400	29,800	11,600	21,100	
17	23,100	4,330	13,300	21,300	9,050	14,400	29,700	17,800	23,200	27,400	13,000	18,700	
18	22,400	4,520	13,200	23,900	7,730	14,500	31,600	18,200	26,100	24,300	11,200	16,500	
19	17,600	6,290	12,900	28,000	9,790	20,500	31,000	21,200	26,800	29,100	11,900	22,500	
20	11,200	5,870	7,880	27,900	10,900	19,300	30,700	20,100	25,900	28,700	14,200	23,600	
21	14,700	4,250	6,960	28,200	9,820	17,400	29,600	21,200	24,600	27,800	14,700	20,800	
22	23,900	3,710	11,600	26,600	11,100	17,900	27,800	20,000	23,500	27,800	9,990	16,800	
23	24,000	4,040	15,200	22,000	12,100	15,900	26,300	18,600	22,800	29,700	15,900	24,300	
24	23,700	6,800	15,100	24,300	11,200	16,000	28,800	16,500	21,600	28,600	14,000	21,800	
25	24,700	9,530	16,600	25,000	11,900	19,500	29,100	18,100	24,600	29,400	13,700	22,200	
26	24,300	11,300	18,400	25,700	13,200	19,300	28,700	18,200	23,700	29,600	14,000	21,100	
27	23,000	13,500	17,300	24,700	13,600	19,000	29,800	21,300	26,900	26,900	11,500	17,200	
28	21,400	13,200	16,000	21,900	13,500	18,400	27,300	22,600	24,400	24,500	8,910	15,000	
29	24,400	14,100	18,600	21,800	14,000	18,400	27,000	21,400	23,800	27,900	8,800	17,000	
30	23,300	14,000	18,100	22,000	11,700	16,100	27,200	18,500	23,000	29,900	8,010	19,400	
31	24,100	15,600	20,400	---	---	---	26,400	14,800	21,400	---	---	---	
Month	24,700	3,710	15,300	32,900	7,730	19,500	31,600	9,000	23,200	---	---	---	

0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—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	30,300	8,570	17,700	20,700	7,040	12,400	21,900	6,520	13,700	20,800	15,800	17,800
2	29,200	9,590	16,800	23,100	6,960	14,000	22,400	7,680	14,300	21,100	12,300	16,900
3	29,800	11,800	21,800	23,900	9,740	14,300	23,400	9,450	16,000	22,500	12,100	17,100
4	30,100	16,100	24,800	15,300	4,140	7,450	21,200	11,100	15,200	25,000	13,800	18,900
5	28,800	11,000	21,900	17,200	3,890	6,090	21,000	11,800	14,800	26,500	15,700	20,700
6	29,600	13,600	25,000	3,890	1,740	2,500	23,700	13,000	16,000	25,000	13,200	17,100
7	29,800	21,200	27,400	4,860	1,040	1,860	21,300	13,300	16,500	25,800	16,600	19,700
8	30,200	19,100	26,700	12,000	1,020	2,670	22,100	10,900	15,600	25,700	17,400	21,400
9	33,300	19,000	28,500	21,100	1,270	3,320	22,500	10,400	15,000	24,400	14,300	18,800
10	34,600	25,600	30,700	22,400	1,730	8,340	---	---	---	24,900	11,500	17,100
11	33,800	19,800	28,700	23,800	2,790	10,300	21,800	9,690	15,100	30,000	10,500	20,100
12	27,400	21,000	23,900	20,600	2,940	9,220	23,100	9,210	16,100	29,400	12,000	19,800
13	31,800	22,500	27,300	16,800	3,290	8,060	24,800	9,940	16,900	25,600	12,800	17,700
14	32,900	23,200	28,900	17,100	3,260	7,040	22,500	11,000	15,800	21,300	14,700	18,000
15	32,700	16,400	28,800	21,200	3,520	9,290	19,600	11,900	14,700	23,300	14,800	18,400
16	33,400	21,100	30,000	14,700	4,660	8,240	18,600	10,800	14,400	23,400	11,200	16,700
17	33,700	20,200	29,300	14,600	5,110	9,100	19,200	11,000	15,100	21,900	7,290	11,700
18	33,700	26,100	31,000	21,100	5,900	12,900	21,300	11,700	16,600	26,500	6,310	10,800
19	32,400	16,500	25,600	23,800	6,850	14,300	24,700	12,600	17,900	27,900	7,670	15,600
20	31,400	14,000	19,000	20,800	7,970	12,900	25,800	13,200	19,500	27,500	11,400	19,500
21	33,200	12,200	24,400	19,100	8,720	12,200	24,000	16,200	19,700	26,800	13,900	20,000
22	33,100	9,650	22,200	16,600	9,030	12,200	23,400	16,500	19,600	25,700	14,300	18,900
23	31,300	9,110	20,000	18,400	8,340	12,000	23,500	15,300	18,300	22,500	13,400	16,000
24	30,400	8,260	13,400	18,000	8,680	12,200	22,900	14,800	18,700	19,100	11,100	14,400
25	18,000	6,860	9,610	19,200	7,900	11,700	24,700	13,300	19,200	19,200	7,700	12,600
26	28,100	6,770	13,400	20,000	6,550	10,700	23,500	13,700	18,600	23,900	6,750	11,100
27	29,600	6,040	14,400	22,200	6,820	12,600	25,000	13,700	18,400	27,900	9,290	16,000
28	28,100	5,920	13,000	23,100	5,390	12,600	24,900	13,800	19,000	18,800	9,760	13,300
29	28,200	7,820	16,300	17,900	4,480	10,100	27,500	13,700	19,400	18,200	8,870	12,300
30	---	---	---	16,900	6,120	11,500	24,100	14,400	18,400	14,600	2,930	7,360
31	---	---	---	20,000	6,310	13,000	---	---	---	3,720	1,010	1,720
Month	34,600	5,920	22,800	23,900	1,020	9,840	---	---	---	30,000	1,010	16,000

0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—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		
1	1,110	320	585	23,800	15,200	19,600	7,530	410	1,940	3,180	210	736
2	3,490	240	412	23,000	13,400	17,500	7,530	520	2,130	8,730	420	1,870
3	17,600	390	2,440	25,200	13,500	19,300	6,420	470	1,740	9,050	370	1,540
4	22,500	1,670	6,230	25,700	15,400	20,100	4,090	510	1,500	1,420	290	559
5	22,000	3,930	10,400	25,000	16,000	20,400	3,090	570	1,230	440	140	261
6	20,300	9,190	13,800	24,600	15,900	20,300	8,840	530	1,510	350	150	197
7	19,600	10,500	14,800	24,300	15,800	20,300	8,990	880	3,310	210	170	194
8	19,300	8,310	13,200	23,700	15,700	20,200	14,600	1,220	5,780	220	170	182
9	18,400	7,110	11,100	24,200	16,500	20,700	9,470	1,220	3,240	490	170	246
10	18,100	6,540	11,200	26,000	16,500	20,800	6,310	1,360	2,720	5,510	240	892
11	16,900	6,560	11,200	23,700	7,940	15,200	4,790	1,240	2,830	9,510	360	2,080
12	15,500	8,340	11,500	7,940	3,070	5,400	2,560	760	1,250	10,200	630	3,150
13	22,000	5,580	12,200	17,300	2,290	6,080	2,130	600	968	11,600	860	3,950
14	24,500	7,250	14,900	14,100	1,860	4,220	4,920	580	1,700	11,400	1,630	5,270
15	24,900	8,900	17,400	10,100	1,490	3,680	9,180	810	2,910	10,800	2,710	4,590
16	23,800	13,900	18,100	19,000	1,650	5,020	13,900	1,300	5,860	11,200	2,960	5,690
17	25,100	17,600	20,200	18,400	1,610	6,280	14,300	2,200	7,290	11,800	3,980	7,320
18	24,400	19,500	21,800	12,100	2,150	6,100	13,400	3,650	8,530	11,100	5,300	7,990
19	24,300	19,400	21,300	11,900	2,190	5,880	15,700	6,200	11,000	7,530	841	3,170
20	23,300	18,100	20,200	14,600	2,560	7,690	15,600	7,340	11,100	7,260	558	1,650
21	22,300	15,100	18,200	17,100	2,340	7,600	16,100	5,910	10,400	11,600	396	2,560
22	21,500	13,900	17,900	21,100	2,180	8,640	15,300	2,610	6,830	8,020	600	2,860
23	23,100	14,300	18,600	24,300	2,010	8,880	9,180	780	2,670	9,740	744	3,290
24	23,300	15,400	18,900	14,200	730	2,080	1,470	330	690	15,100	1,150	6,120
25	24,000	15,200	19,600	1,470	350	681	2,460	300	587	15,100	2,450	7,180
26	23,200	12,200	16,800	910	230	458	1,830	240	454	11,000	2,200	5,850
27	27,000	14,300	20,200	2,040	260	618	4,080	220	946	10,100	2,160	5,230
28	25,600	15,600	19,700	11,300	360	1,370	3,580	260	699	11,100	2,790	5,720
29	23,300	14,800	18,400	11,900	540	2,740	700	190	274	11,900	3,350	6,850
30	24,900	12,800	18,900	13,900	1,110	4,860	2,340	230	570	14,200	4,010	8,560
31	---	---	---	9,460	710	2,340	3,620	170	692	---	---	---
Month	27,000	240	14,700	26,000	230	9,840	16,100	170	3,330	15,100	140	3,530

0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—Continued

pH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	October				November				December			
1	7.6	7.3	7.4	7.9	7.5	7.7	8.0	7.2	7.6	8.2	7.3	7.9
2	7.6	7.2	7.3	8.2	7.6	7.8	8.3	7.3	7.6	8.2	7.5	7.8
3	7.6	7.2	7.4	8.5	7.6	7.9	8.4	7.3	7.8	8.2	7.7	8.0
4	7.7	7.1	7.4	8.2	7.6	8.0	8.4	7.5	7.9	8.2	7.8	7.9
5	7.9	7.2	7.5	8.0	7.5	7.8	7.9	7.6	7.8	8.2	7.7	8.0
6	8.4	7.3	7.6	8.2	7.7	7.9	---	---	---	8.2	7.9	8.0
7	8.5	7.3	7.8	8.3	7.7	8.0	---	---	---	8.3	7.9	8.1
8	8.3	7.3	7.8	8.4	7.7	8.1	---	---	---	8.2	7.9	8.0
9	8.0	7.4	7.8	8.3	7.5	7.8	7.9	7.3	7.6	8.1	7.9	8.0
10	7.8	7.4	7.6	8.4	7.3	7.6	8.2	7.2	7.5	8.1	7.6	8.0
11	7.6	7.4	7.5	8.2	7.4	7.7	7.9	7.2	7.5	8.0	7.6	7.9
12	7.7	7.1	7.4	8.6	7.4	7.8	7.8	7.3	7.6	8.0	7.5	7.8
13	7.2	6.9	7.1	8.5	7.3	7.7	7.9	7.2	7.6	7.9	7.5	7.7
14	7.1	6.8	7.0	8.7	7.3	7.8	8.0	7.3	7.7	7.9	7.4	7.6
15	7.0	6.7	6.9	8.6	7.5	8.1	8.1	7.4	7.7	8.0	7.5	7.6
16	7.0	6.8	6.9	8.3	7.4	7.9	8.1	7.4	7.7	8.0	7.6	7.7
17	7.3	6.8	7.0	7.9	7.2	7.5	8.1	7.5	7.8	7.9	7.6	7.8
18	7.9	7.1	7.2	7.7	7.0	7.2	8.0	7.4	7.7	7.8	7.6	7.7
19	7.9	7.3	7.5	7.5	7.1	7.2	8.2	7.7	7.9	8.1	7.6	7.8
20	7.7	7.3	7.5	7.4	7.1	7.2	8.2	7.8	7.9	8.0	7.7	7.8
21	7.7	7.2	7.3	7.3	7.0	7.2	8.1	7.8	8.0	8.0	7.4	7.7
22	7.7	7.1	7.3	7.9	7.0	7.3	8.3	7.6	7.8	7.7	7.4	7.5
23	7.8	7.2	7.3	8.0	7.4	7.6	8.3	7.6	7.9	7.8	7.3	7.6
24	8.2	7.2	7.4	8.1	7.4	7.6	8.3	7.6	7.9	8.0	7.3	7.6
25	8.1	7.2	7.4	8.2	7.5	7.8	8.2	7.6	7.9	8.0	7.3	7.6
26	8.0	7.2	7.6	8.7	7.5	7.8	8.2	7.5	7.9	8.2	7.4	7.6
27	8.2	7.4	7.7	8.4	7.5	7.7	8.1	7.5	7.9	8.2	7.3	7.8
28	7.8	7.4	7.6	8.4	7.6	8.0	8.0	7.5	7.7	7.7	7.3	7.4
29	7.7	7.4	7.5	8.3	7.5	7.8	8.0	7.5	7.9	7.5	7.1	7.3
30	7.9	7.5	7.6	8.0	7.4	7.6	8.1	7.5	7.8	7.6	7.1	7.3
31	7.9	7.5	7.7	---	---	---	8.2	7.5	7.8	---	---	---
Max	8.5	7.5	7.8	8.7	7.7	8.1	---	---	---	---	---	---
Min	7.0	6.7	6.9	7.3	7.0	7.2	---	---	---	---	---	---

0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—Continued

pH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median	
February				March				April				May	
1	8.6	7.5	8.0	8.9	7.8	8.5	7.4	7.0	7.2	8.5	7.9	8.2	
2	8.5	7.3	8.1	8.8	7.7	8.3	7.5	7.0	7.2	8.5	7.7	8.1	
3	8.5	7.5	7.9	8.6	7.5	8.0	7.6	7.1	7.3	8.4	7.3	7.9	
4	8.4	7.7	8.0	7.9	7.0	7.5	7.7	7.2	7.4	8.2	7.3	7.7	
5	8.3	7.5	8.0	7.2	6.9	7.1	7.5	7.0	7.3	8.1	7.1	7.6	
6	8.1	7.4	7.7	7.0	6.8	6.9	7.4	7.1	7.3	7.9	7.2	7.5	
7	8.0	7.2	7.7	6.9	6.6	6.8	7.5	7.1	7.3	8.0	7.1	7.3	
8	8.1	7.2	7.8	7.0	6.6	6.8	7.4	7.1	7.2	8.0	7.2	7.5	
9	8.0	7.4	7.8	7.0	6.6	7.0	7.7	7.1	7.3	7.9	7.1	7.4	
10	7.9	7.5	7.8	7.2	6.6	7.0	7.9	7.1	7.4	7.9	7.0	7.2	
11	7.8	7.3	7.6	7.2	6.6	7.1	7.8	7.1	7.4	8.0	6.9	7.2	
12	7.9	7.4	7.7	7.3	6.6	7.1	8.0	7.3	7.5	8.2	6.8	7.5	
13	8.0	7.3	7.8	7.5	6.7	7.2	8.1	7.2	7.6	8.1	6.9	7.6	
14	8.0	7.6	7.9	7.4	6.7	7.2	8.5	7.3	8.0	7.8	7.2	7.4	
15	8.2	7.5	7.8	8.5	6.7	7.3	8.5	7.7	8.2	7.8	7.0	7.3	
16	8.3	7.5	7.9	8.4	7.1	7.6	8.7	7.7	8.3	7.5	6.9	7.2	
17	8.1	7.4	7.8	8.7	7.2	7.6	8.7	7.5	8.2	7.2	6.8	7.0	
18	8.2	7.6	8.0	8.7	7.1	7.5	8.5	7.4	8.1	7.1	6.6	6.9	
19	8.2	7.6	7.9	8.3	7.1	7.5	8.3	7.4	8.0	7.3	6.7	6.9	
20	8.2	7.5	7.8	9.0	7.2	7.8	8.5	7.4	7.7	7.8	6.8	7.1	
21	8.2	7.7	8.0	8.8	7.3	8.2	8.3	7.7	8.0	7.9	6.9	7.2	
22	8.3	7.7	8.0	8.6	7.4	8.1	8.0	7.5	7.7	8.1	7.2	7.5	
23	8.4	7.7	8.0	8.4	7.2	7.8	8.0	7.3	7.5	8.1	7.1	7.4	
24	8.3	7.6	8.0	7.9	7.2	7.6	8.2	7.5	7.7	8.2	7.0	7.5	
25	8.3	7.4	7.6	7.8	7.1	7.4	8.4	7.4	7.7	7.8	7.1	7.3	
26	8.5	7.4	7.8	7.8	7.1	7.3	8.4	7.6	8.0	7.4	6.6	7.0	
27	8.2	7.5	7.8	8.4	7.1	7.3	8.6	7.6	8.0	8.1	6.9	7.2	
28	8.7	7.3	7.8	7.8	7.0	7.3	8.5	7.6	8.0	8.3	6.9	7.5	
29	8.8	7.3	8.2	7.5	7.0	7.3	8.4	7.4	7.8	8.0	7.0	7.4	
30	---	---	---	8.3	7.1	7.4	8.5	7.5	8.2	7.3	6.7	7.1	
31	---	---	---	7.6	7.0	7.3	---	---	---	6.7	6.3	6.6	
Max	8.8	7.7	8.2	9.0	7.8	8.5	8.7	7.7	8.3	8.5	7.9	8.2	
Min	7.8	7.2	7.6	6.9	6.6	6.8	7.4	7.0	7.2	6.7	6.3	6.6	

0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—Continued

pH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	June				July				August			
1	6.4	6.2	6.3	8.5	7.3	7.6	7.0	6.6	6.8	6.7	6.5	6.6
2	6.4	6.1	6.2	8.5	7.5	7.7	6.9	6.6	6.7	6.8	6.6	6.7
3	6.6	6.2	6.3	8.3	7.4	7.8	6.8	6.6	6.7	6.9	6.7	6.8
4	6.7	6.3	6.5	8.1	7.5	7.8	6.8	6.6	6.7	6.8	6.7	6.8
5	7.0	6.5	6.8	7.8	7.4	7.6	6.9	6.7	6.8	6.7	6.4	6.5
6	7.1	6.9	7.0	7.7	7.4	7.6	7.0	6.6	6.8	6.9	6.2	6.6
7	7.2	7.0	7.1	7.7	7.6	7.6	7.1	6.7	6.9	7.0	6.6	6.8
8	7.3	7.0	7.1	7.8	7.5	7.6	7.0	6.8	6.9	6.8	6.6	6.8
9	7.3	7.0	7.0	7.9	7.4	7.7	7.2	6.8	6.9	6.9	6.6	6.8
10	7.7	6.9	7.1	7.8	7.3	7.6	7.3	7.0	7.1	6.9	6.6	6.8
11	7.3	7.0	7.1	7.6	7.1	7.3	7.4	7.0	7.2	---	---	---
12	7.4	7.0	7.2	7.2	6.9	7.0	7.4	7.1	7.2	7.0	6.7	6.9
13	7.4	7.0	7.1	7.0	6.6	6.8	7.1	6.9	7.0	---	---	---
14	7.3	7.0	7.2	7.3	6.6	6.9	7.3	7.0	7.0	7.1	6.9	7.0
15	7.6	7.0	7.2	8.1	6.9	7.1	7.3	7.0	7.1	7.1	6.9	7.0
16	7.7	7.2	7.4	8.4	7.1	7.4	7.5	6.9	7.1	7.1	6.9	7.0
17	7.5	7.2	7.3	8.6	7.1	7.7	8.2	7.0	7.2	7.4	7.0	7.1
18	7.3	7.1	7.2	8.8	7.4	7.9	8.0	7.2	7.3	7.4	7.0	7.2
19	7.2	7.1	7.1	9.2	7.6	8.1	8.0	7.3	7.4	7.2	7.0	7.1
20	7.1	7.0	7.1	8.8	7.2	8.1	7.5	7.0	7.2	7.2	7.0	7.1
21	7.2	7.0	7.1	8.2	7.1	7.7	7.1	6.8	7.0	7.1	6.7	6.9
22	7.3	7.1	7.1	7.5	6.9	7.1	7.0	6.7	6.8	7.0	6.7	6.9
23	7.4	7.1	7.1	7.4	6.8	7.0	7.3	6.7	6.9	7.1	6.9	7.0
24	7.3	7.1	7.1	7.0	6.6	6.8	6.9	6.6	6.8	7.1	6.9	7.0
25	7.5	7.1	7.2	6.6	6.4	6.5	6.9	6.5	6.7	7.2	6.9	7.1
26	7.8	7.1	7.4	6.5	6.3	6.4	6.6	6.4	6.6	7.4	7.0	7.1
27	8.0	7.2	7.6	6.6	6.4	6.4	6.8	6.5	6.6	7.3	7.0	7.2
28	7.9	7.3	7.6	6.8	6.5	6.5	6.8	6.5	6.6	7.5	7.0	7.2
29	8.2	7.4	7.6	6.9	6.6	6.7	6.8	6.5	6.7	7.3	7.0	7.2
30	8.3	7.2	7.5	7.0	6.7	6.8	6.8	6.3	6.6	7.3	7.1	7.2
31	---	---	---	7.0	6.7	6.9	6.7	6.4	6.6	---	---	---
Max	8.3	7.4	7.6	9.2	7.6	8.1	8.2	7.3	7.4	---	---	---
Min	6.4	6.1	6.2	6.5	6.3	6.4	6.6	6.3	6.6	---	---	---

0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—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	26.2	23.0	24.5	15.8	14.3	15.1	16.1	11.1	13.8	13.3	12.0	12.9	
2	24.5	20.6	22.9	15.8	14.6	15.3	15.1	11.8	14.0	13.3	10.4	12.6	
3	23.4	18.8	21.7	16.4	14.7	15.5	14.9	10.8	13.6	11.2	6.7	9.1	
4	22.5	19.7	21.5	16.0	15.0	15.7	14.5	12.9	14.1	9.5	6.1	8.0	
5	22.5	19.9	21.7	15.0	13.4	14.1	15.4	14.4	14.7	9.0	5.3	7.9	
6	22.8	21.2	22.2	14.8	12.7	13.8	16.4	14.9	15.6	9.3	7.8	8.6	
7	22.8	20.5	21.8	15.9	13.9	14.6	17.6	15.8	16.7	10.8	8.4	9.6	
8	22.6	20.2	21.7	16.3	14.9	15.4	16.9	14.0	15.6	11.9	9.4	10.6	
9	22.4	20.6	21.5	16.4	15.2	15.7	15.4	11.8	14.6	11.2	10.2	10.7	
10	21.9	21.0	21.4	17.5	15.5	16.0	15.2	12.7	14.5	11.4	10.4	10.8	
11	21.6	21.0	21.3	15.9	14.0	15.1	14.9	11.4	13.2	11.5	10.6	11.1	
12	22.3	21.2	21.6	15.2	13.4	14.5	14.0	10.6	12.5	12.5	10.9	11.8	
13	23.4	21.6	22.4	15.4	13.4	14.6	13.2	10.6	12.4	12.2	9.7	11.1	
14	23.1	21.8	22.4	17.2	14.8	15.8	13.3	12.2	12.6	11.2	8.7	10.2	
15	22.5	20.4	21.4	18.3	16.2	17.1	14.0	12.4	13.1	10.9	7.4	9.5	
16	22.1	19.6	21.2	19.6	17.6	18.5	14.9	13.1	13.7	10.4	8.1	9.7	
17	22.1	19.0	21.2	19.6	15.5	18.4	14.8	12.9	13.6	11.6	9.2	10.6	
18	23.3	20.4	21.9	17.2	12.6	15.3	13.5	10.7	12.6	12.3	11.0	11.7	
19	24.0	22.3	23.0	16.9	13.6	15.5	12.9	10.9	12.2	11.1	9.4	10.7	
20	22.8	19.5	20.6	16.7	15.0	16.0	13.2	11.1	12.3	11.4	10.0	10.9	
21	20.6	17.7	19.2	17.7	16.5	17.0	14.4	12.9	13.6	12.3	11.0	11.5	
22	21.0	18.3	19.7	18.8	17.0	17.7	16.6	14.0	15.2	12.0	9.9	11.1	
23	21.2	18.5	20.1	19.1	16.8	18.2	16.8	15.5	16.1	11.1	9.7	10.6	
24	20.8	18.7	20.2	16.9	14.7	16.0	16.0	13.7	14.9	13.7	10.8	11.7	
25	20.7	18.2	19.9	16.4	12.9	15.4	14.9	12.5	14.2	13.5	11.2	12.2	
26	20.4	17.7	19.8	16.0	13.7	15.4	14.6	12.0	13.5	13.9	11.6	12.6	
27	20.8	18.3	19.8	16.1	14.1	15.6	14.0	11.7	13.1	15.6	12.3	14.6	
28	20.5	17.6	18.8	17.4	15.7	16.5	13.2	11.3	12.2	15.0	12.9	14.3	
29	18.9	15.7	17.5	17.2	14.7	16.5	12.5	10.8	12.0	14.5	11.7	13.4	
30	17.1	13.6	15.6	16.6	12.6	14.7	12.5	10.9	11.9	14.2	10.7	13.0	
31	16.2	13.7	15.1	---	---	---	13.3	11.9	12.6	---	---	---	
Month	26.2	13.6	20.8	19.6	12.6	15.8	17.6	10.6	13.7	---	---	---	

0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—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	14.6	12.0	13.5	18.3	15.7	17.1	21.8	19.9	21.2	25.4	22.9	23.9
2	15.6	14.0	14.7	18.2	16.9	17.6	21.9	20.5	21.3	27.8	23.9	25.2
3	15.5	12.7	14.6	17.8	17.0	17.4	21.9	19.7	21.0	29.4	25.0	26.5
4	15.1	13.7	14.7	17.2	13.5	15.4	23.1	20.3	21.5	28.7	25.7	27.2
5	15.0	13.7	14.6	14.2	11.3	13.0	22.3	20.2	21.5	28.8	25.8	27.3
6	14.3	12.0	13.6	13.3	10.1	11.7	21.3	17.6	18.8	27.6	25.0	26.2
7	14.1	13.1	13.6	12.6	10.3	11.5	19.2	16.4	17.9	26.8	23.9	25.3
8	14.1	13.4	13.6	15.5	11.8	13.5	20.2	16.7	18.3	26.9	24.2	25.6
9	13.8	12.3	13.3	15.3	13.9	14.5	20.5	17.3	18.8	26.0	24.5	25.4
10	13.5	12.7	13.2	15.5	12.0	13.9	20.3	17.6	19.2	25.7	23.1	24.8
11	13.2	10.0	12.6	15.5	11.8	14.1	19.7	17.6	18.9	25.7	22.8	24.6
12	10.7	6.2	8.5	16.8	13.4	15.2	19.0	16.3	18.1	26.0	23.7	25.0
13	9.8	7.4	9.0	17.4	15.3	16.2	19.3	17.2	18.5	25.6	23.9	24.9
14	10.0	9.0	9.4	19.4	16.1	17.4	20.3	17.7	19.1	25.5	23.9	24.7
15	11.2	9.6	10.1	20.6	16.6	18.6	21.4	19.2	20.2	26.2	24.2	25.1
16	11.7	10.2	10.7	20.3	18.4	19.3	23.3	20.4	21.6	25.7	24.9	25.3
17	11.8	10.6	11.2	22.1	18.9	20.1	25.4	21.3	23.0	25.0	23.7	24.5
18	13.2	11.0	11.8	21.3	19.6	20.3	24.9	22.9	23.8	24.0	22.0	22.9
19	13.9	11.4	12.7	22.4	20.0	20.8	23.8	22.0	22.7	23.9	20.3	22.6
20	11.8	10.0	11.1	23.7	20.3	21.6	24.2	20.5	22.5	23.7	21.4	23.0
21	11.8	10.8	11.4	23.5	21.3	22.2	25.4	22.8	23.7	25.8	22.8	23.9
22	13.9	11.4	12.2	24.4	21.7	22.9	24.0	21.9	23.0	25.7	24.3	24.8
23	16.0	12.1	13.5	25.1	21.9	23.1	22.6	18.4	20.6	26.4	23.3	24.8
24	16.6	12.8	15.5	24.0	22.2	22.9	20.3	17.2	19.1	28.1	24.8	25.9
25	15.8	13.0	14.1	22.8	21.6	22.3	19.9	16.5	18.9	27.1	25.7	26.4
26	14.1	10.3	12.4	22.5	19.6	21.4	21.7	18.7	20.0	26.8	24.0	25.8
27	14.1	11.2	12.8	21.8	18.1	20.2	22.9	20.1	21.3	28.7	25.6	26.9
28	15.7	12.5	14.0	21.2	17.4	19.9	22.7	20.7	21.7	29.8	26.8	28.1
29	16.6	13.6	15.1	21.8	18.8	20.5	22.6	20.6	21.7	29.0	27.7	28.5
30	---	---	---	23.1	19.7	21.3	24.4	21.4	22.6	28.4	23.4	26.0
31	---	---	---	22.3	21.0	21.7	---	---	---	25.4	22.4	23.7
Month	16.6	6.2	12.7	25.1	10.1	18.3	25.4	16.3	20.7	29.8	20.3	25.3

0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—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	25.0	23.2	24.2	33.2	30.2	31.0	28.9	26.4	27.1	28.8	25.4	26.8
2	26.1	23.5	24.7	31.5	28.6	30.4	28.9	26.0	27.4	28.0	26.1	27.1
3	26.3	23.1	24.6	32.8	28.7	30.9	29.2	26.4	27.8	28.0	26.4	27.1
4	26.7	23.4	24.8	32.7	29.9	31.3	28.9	26.5	27.8	28.0	26.0	26.8
5	26.3	23.3	24.6	33.7	29.9	31.7	29.6	27.1	28.3	27.9	25.3	26.3
6	25.3	22.4	24.1	33.7	30.9	32.3	29.7	27.7	28.6	28.1	25.4	26.5
7	26.0	22.9	24.4	33.3	31.0	32.3	29.7	27.7	28.7	27.6	25.4	26.2
8	26.3	23.4	24.8	33.4	30.9	32.2	29.9	27.1	28.5	27.5	25.3	26.4
9	26.6	23.4	25.1	33.4	31.0	32.2	30.8	27.0	28.5	26.5	25.3	25.7
10	28.2	24.5	26.1	32.6	30.7	31.8	29.6	28.0	28.8	26.0	23.7	24.9
11	27.1	25.8	26.4	31.5	28.7	30.5	28.7	27.4	28.1	26.0	23.2	24.5
12	26.5	25.5	26.0	28.7	26.5	27.7	28.1	26.4	27.3	25.9	23.1	24.3
13	27.3	25.6	26.4	29.0	26.4	27.3	29.0	26.3	27.3	26.1	22.5	24.4
14	27.0	25.3	26.1	30.3	26.5	28.0	29.8	27.0	28.3	26.1	23.5	25.1
15	26.2	23.3	25.5	31.0	28.0	29.2	30.3	27.8	28.9	26.7	23.6	25.2
16	26.5	23.4	25.1	31.8	28.3	29.8	31.0	27.8	29.4	26.4	24.0	25.2
17	27.4	23.5	25.3	32.2	28.7	30.4	31.3	28.4	30.1	27.1	24.1	25.7
18	28.1	24.6	26.0	31.6	28.9	30.3	31.2	28.7	30.1	26.5	25.3	25.9
19	28.7	25.7	26.8	32.0	28.5	30.3	30.9	29.0	29.9	25.9	22.9	24.4
20	30.4	26.6	27.8	32.4	28.8	30.8	29.9	28.0	29.0	24.3	21.8	22.9
21	30.8	26.6	28.3	31.7	29.1	30.0	29.4	27.7	28.6	24.8	21.6	23.0
22	31.0	27.2	29.0	30.6	27.8	29.3	28.8	25.9	27.4	24.8	22.0	23.2
23	31.0	28.1	29.4	30.7	27.0	28.8	27.4	24.6	25.5	24.6	22.3	23.5
24	30.6	28.4	29.6	29.6	26.1	27.6	24.6	23.5	23.9	24.9	21.9	23.5
25	30.5	28.7	29.7	28.1	25.8	26.8	23.9	22.9	23.3	24.8	22.0	23.5
26	29.9	26.8	28.3	29.2	26.1	27.4	26.2	22.4	23.7	25.4	22.4	23.8
27	28.6	26.0	27.6	30.0	26.9	28.3	27.1	23.7	24.9	26.1	22.9	24.4
28	29.2	26.7	27.9	30.1	27.9	28.9	25.5	24.4	24.8	26.2	23.5	24.8
29	31.2	27.5	28.7	30.6	27.9	29.1	26.1	24.1	25.0	25.6	24.0	24.7
30	32.6	29.2	30.3	30.0	28.0	28.8	26.1	24.7	25.4	25.2	22.6	23.9
31	---	---	---	29.1	26.6	27.5	27.9	24.8	26.0	---	---	---
Month	32.6	22.4	26.6	33.7	25.8	29.8	31.3	22.4	27.4	28.8	21.6	25.0

0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—Continued**DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
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	7.4	3.2	5.1	9.5	6.4	7.7	11.6	1.8	6.8	15.8	4.4	10.9	
2	6.9	1.1	4.1	11.2	6.7	8.7	13.9	2.8	6.8	14.6	4.2	10.6	
3	7.4	1.6	4.8	14.7	7.5	9.3	14.5	2.2	7.5	13.2	8.4	11.0	
4	9.7	1.5	5.8	12.0	7.7	9.6	13.1	4.7	8.3	13.4	9.1	10.5	
5	10.3	2.8	5.9	10.8	7.3	8.7	9.4	5.7	7.4	13.3	7.7	10.6	
6	13.5	3.1	6.9	12.7	8.1	9.8	---	---	---	13.9	9.6	11.4	
7	13.7	3.4	7.5	14.4	8.4	10.7	---	---	---	14.4	9.8	12.3	
8	12.1	3.0	8.1	15.4	7.8	11.4	---	---	---	13.2	9.8	11.8	
9	10.2	4.6	7.8	14.8	6.2	9.9	10.4	3.5	6.4	11.3	9.2	10.5	
10	7.7	4.1	6.4	15.4	5.3	8.0	13.2	3.2	6.7	10.9	7.4	9.4	
11	6.7	4.5	5.7	12.6	4.8	8.1	10.8	2.4	6.5	10.1	6.5	8.8	
12	6.5	4.5	5.6	17.3	5.0	9.3	9.8	4.1	6.8	10.5	5.9	8.7	
13	5.7	3.4	4.6	16.6	3.7	9.8	9.7	3.1	6.6	10.7	8.2	9.3	
14	6.0	2.8	4.5	18.4	5.1	11.1	11.9	4.5	7.4	12.1	6.8	8.6	
15	5.9	2.3	4.2	17.4	5.6	11.1	12.5	4.6	8.2	12.6	7.3	9.7	
16	6.3	1.0	3.5	12.7	4.3	9.7	11.9	5.6	8.3	12.3	8.4	10.2	
17	7.5	0.9	4.0	10.6	4.8	7.4	12.3	6.1	9.2	11.9	8.1	10.4	
18	9.8	1.9	5.2	11.0	0.9	5.8	11.2	5.5	8.8	11.8	7.9	9.9	
19	8.1	5.1	6.7	8.3	2.7	5.2	13.0	7.4	10.1	15.3	7.4	10.1	
20	9.2	5.8	7.2	8.5	2.3	5.2	13.6	7.8	10.5	12.1	8.2	10	
21	11.3	3.0	6.8	9.3	1.7	5.4	12.2	8.6	10.6	12.0	6.0	9.5	
22	11.1	2.0	6.1	9.4	1.4	5.2	13.7	6.9	10	11.5	6.2	8.8	
23	10.3	2.5	6.1	10.3	5.3	7.2	13.4	6.8	9.8	10.5	5.1	7.7	
24	14.2	2.8	7.1	11.1	5.0	7.5	14.7	5.9	10.1	14.2	5.7	8.9	
25	12.6	2.5	6.9	11.8	5.1	8.3	14.7	7.1	9.8	14.2	6.1	9.7	
26	11.0	3.0	7.4	16.5	5.2	8.8	14.7	6.5	10.6	17.0	8.4	11.3	
27	11.6	4.8	8.4	13.4	5.1	8.1	11.2	6.8	9.2	15.8	7.9	11.1	
28	9.1	5.4	7.4	12.6	5.8	9.4	12.0	7.3	9.2	12.8	6.7	9.3	
29	8.9	3.9	6.2	11.7	5.5	7.7	13.1	7.6	10.7	11.4	4.6	8.2	
30	10.3	5.7	7.7	10.6	3.4	6.6	13.5	7.8	11.2	13.8	4.0	8.6	
31	10.3	6.2	7.7	---	---	---	14.9	7.4	11.1	---	---	---	
Month	14.2	0.9	6.2	18.4	0.9	8.4	---	---	---	---	---	---	

0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—Continued**DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
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	15.8	6.2	11.2	16.9	5.9	12.0	7.0	1.6	4.4	11.9	7.0	9.8
2	14.9	5.3	10.9	13.7	5.9	10	7.7	2.0	5.1	12.5	4.4	8.5
3	15.3	6.0	9.7	11.2	4.1	7.5	9.0	3.5	6.1	12.2	3.7	7.5
4	13.4	7.1	10.0	8.5	3.3	6.6	9.8	5.2	7.0	10.3	3.8	6.7
5	12.8	5.2	9.6	7.4	3.1	6.1	7.9	4.0	6.3	8.9	2.5	5.9
6	11.8	5.5	7.2	7.0	6.2	6.7	7.6	4.5	6.1	8.9	2.7	5.7
7	10.8	3.7	6.9	7.1	5.8	6.8	8.8	4.7	6.6	11.1	3.4	6.5
8	12.4	3.4	7.6	9.3	6.5	7.6	8.9	5.3	6.9	10.6	5.0	7.4
9	9.7	4.3	7.3	8.8	3.1	7.4	10.1	5.7	7.4	9.8	5.1	7.2
10	8.6	5.2	7.1	8.8	2.7	6.5	10.6	5.7	7.8	11.3	3.2	6.5
11	9.6	3.2	6.4	9.1	4.3	7.1	10.2	5.8	8.1	12.4	1.4	6.5
12	11.2	6.1	8.9	14.2	6.2	8.7	11.9	5.0	8.4	13.4	1.2	7.4
13	11.4	5.1	9.1	13.2	5.4	8.8	12.4	4.9	8.8	---	---	---
14	11.4	5.3	8.5	12.9	3.7	8.7	16.0	5.3	10.9	---	---	---
15	12.8	4.4	8.6	---	---	---	13.6	7.4	11.3	---	---	---
16	14.4	1.8	8.1	---	---	---	15.2	6.8	10.8	---	---	---
17	11.6	3.2	7.6	15.4	4.5	9.0	15.1	5.0	9.9	---	---	---
18	12.5	3.3	8.9	15.6	2.2	7.3	12.4	4.3	8.5	---	---	---
19	11.5	5.4	9.1	13.1	2.4	7.1	10.3	2.9	6.8	9.5	2.3	5.5
20	10.9	5.7	8.8	19.8	3.2	10.2	13.3	3.7	7.1	11.9	3.2	6.3
21	11.6	7.1	9.4	17.0	2.8	10.8	11.2	6.0	8.3	12.0	3.0	7.3
22	11.6	6.3	9.7	14.3	4.6	9.4	7.8	4.2	6.3	11.8	4.8	8.5
23	13.5	7.6	10.4	12.5	3.4	7.5	9.7	3.3	6.2	12.5	3.1	7.7
24	12.8	7.7	10.6	8.9	2.3	6.1	10.4	4.5	7.1	13.5	4.3	8.4
25	13.0	6.8	9.7	8.4	1.4	4.9	12.1	3.9	7.2	11.0	4.5	7.5
26	15.1	6.9	10.5	9.7	1.7	5.2	11.9	5.8	9.1	9.4	0.1	5.3
27	13.1	6.2	9.8	13.6	2.8	6.6	13.2	5.4	8.9	12.3	1.7	6.2
28	16.4	5.4	11.1	9.6	3.1	6.5	11.8	4.4	8.1	13.8	3.1	8.8
29	16.9	4.5	11.3	8.0	2.7	6.1	12.3	3.4	7.9	11.1	3.3	7.5
30	---	---	---	11.6	3.8	7.0	14.4	5.2	9.9	7.4	2.3	4.7
31	---	---	---	7.7	2.5	5.0	---	---	---	4.1	2.3	3.4
Month	16.9	1.8	9.1	---	---	---	16.0	1.6	7.8	---	---	---

0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—Continued**DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
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	4.4	2.6	3.4	---	---	---	4.6	2.1	3.3	3.3	2.1	2.6	
2	4.8	2.5	3.8	---	---	---	4.4	2.2	3.1	3.0	1.1	2.3	
3	4.7	2.5	3.8	---	---	---	4.4	2.1	3.3	3.5	1.1	2.8	
4	5.2	1.5	3.8	---	---	---	4.1	1.8	3.2	3.1	2.1	2.5	
5	5.0	1.4	3.6	---	---	---	4.7	3.0	3.8	3.2	2.0	2.5	
6	5.7	2.7	4.2	---	---	---	5.1	1.4	4.1	4.3	1.9	3.0	
7	7.0	4.2	5.1	---	---	---	5.2	0.9	3.5	4.6	3.0	3.7	
8	6.6	4.0	5.1	---	---	---	5.0	0.0	2.9	3.4	2.5	3.0	
9	7.3	2.8	4.7	---	7.1	---	6.6	1.8	4.3	3.5	2.7	3.1	
10	9.6	2.0	5.1	7.8	2.5	4.7	6.4	3.5	4.9	3.8	2.4	2.9	
11	6.6	1.4	4.7	8.0	1.9	4.4	6.4	3.1	5.2	---	---	---	
12	7.2	2.9	5.1	4.4	1.4	3.3	6.5	3.5	5.2	4.1	1.1	3.2	
13	8.2	1.4	4.3	4.6	0.0	2.6	5.4	2.8	3.9	4.6	0.6	3.2	
14	8.0	1.1	4.3	8.7	0.8	4.0	7.6	3.2	5.3	5.2	0.6	3.2	
15	8.8	1.9	5.0	11.5	1.3	6.4	8.9	2.1	5.7	4.4	2.4	3.7	
16	9.0	2.5	5.8	15.1	0.3	7.4	10.4	0.6	5.1	4.7	1.8	3.5	
17	7.4	3.6	5.4	15.4	0.1	8.1	10.5	0.8	5.8	7.3	2.1	3.9	
18	5.9	2.9	4.6	15.2	2.2	9.1	10.2	2.4	5.7	6.5	3.4	4.5	
19	5.1	2.9	3.9	17.1	2.7	10.2	7.2	3.7	5.4	4.9	3.1	4.0	
20	5.8	2.6	3.8	12.7	1.8	8.2	6.8	2.9	4.3	4.2	2.0	3.4	
21	---	---	---	10.0	0.1	5.6	5.0	1.7	3.2	3.6	0.9	2.9	
22	---	---	---	8.0	0.0	3.1	4.2	2.0	2.8	4.2	1.2	3.2	
23	---	---	---	7.2	0.0	2.8	3.9	1.8	3.1	4.5	1.4	3.3	
24	---	---	---	5.7	0.8	4.0	4.4	3.6	3.9	4.9	0.3	3.1	
25	---	---	---	4.0	2.5	3.1	4.2	3.1	3.7	5.8	0.2	3.1	
26	---	---	---	3.4	2.1	2.8	3.7	2.9	3.3	6.6	1.0	4.0	
27	8.8	2.8	6.1	3.7	2.2	2.9	4.6	3.2	3.5	8.4	1.4	4.5	
28	9.3	4.2	6.7	4.0	1.4	3.0	4.0	2.4	3.2	9.1	1.0	4.8	
29	10.0	3.4	6.3	4.2	0.9	3.1	4.2	2.7	3.4	6.2	1.0	3.8	
30	10.9	1.7	5.1	3.8	0.3	2.7	3.4	2.4	2.9	5.1	0.6	2.6	
31	---	---	---	4.8	1.2	3.5	3.1	2.1	2.7	---	---	---	
Month	---	---	---	---	---	---	10.5	0.0	4.0	---	---	---	

0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—Continued**DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
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	92	41	64	103	67	82	116	20	69	158	45	112
2	83	14	49	122	73	93	138	30	70	152	44	107
3	85	20	57	160	82	101	144	23	76	125	82	103
4	114	19	69	128	81	104	137	51	87	127	83	97
5	121	35	71	111	76	90	100	61	80	118	74	98
6	163	38	83	132	87	101	---	---	---	130	92	107
7	166	42	91	155	91	113	---	---	---	137	91	117
8	147	37	98	166	85	122	---	---	---	131	92	115
9	125	56	94	160	69	108	109	38	68	112	92	104
10	93	51	78	170	60	89	134	34	70	111	72	94
11	82	55	69	135	54	88	107	26	66	103	66	89
12	81	55	69	181	55	100	98	43	70	107	59	88
13	70	40	55	178	41	105	100	32	69	105	81	91
14	73	33	54	206	56	121	123	47	77	121	65	82
15	69	27	49	198	61	124	132	48	87	121	73	91
16	73	12	40	150	49	112	126	60	89	121	80	98
17	88	11	46	118	55	83	130	66	97	116	79	100
18	119	23	62	120	10	61	117	58	91	115	79	97
19	102	61	82	85	29	56	133	78	104	149	75	99
20	105	65	82	95	26	56	141	82	108	118	82	99
21	126	35	75	101	19	59	130	92	112	120	61	94
22	123	23	69	107	16	58	153	74	108	107	62	85
23	116	30	70	117	60	81	148	75	108	103	50	76
24	162	34	82	118	56	81	155	65	108	143	57	89
25	144	30	80	126	55	89	154	78	105	144	62	99
26	128	36	86	176	56	94	153	68	110	173	86	115
27	136	57	98	143	56	88	113	73	97	168	82	116
28	102	64	84	141	64	103	122	74	94	132	71	96
29	98	43	69	127	60	85	134	79	108	111	49	83
30	108	63	82	107	37	69	137	78	113	135	43	87
31	108	68	83	---	---	---	148	76	113	---	---	---
Month	166	11	72	206	10	91	---	---	---	---	---	---

0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—Continued**DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
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	160	67	115	183	65	130	81	20	51	154	88	123
2	152	58	114	150	66	110	91	24	60	167	56	109
3	159	66	103	121	46	83	106	42	72	166	48	99
4	143	79	108	90	34	68	118	63	84	139	51	90
5	130	57	102	71	32	59	93	49	75	122	34	80
6	119	59	76	67	57	62	84	52	69	116	36	75
7	112	39	74	67	54	63	100	51	74	147	43	85
8	128	37	81	95	61	74	102	57	78	140	64	97
9	103	45	78	89	33	73	116	65	84	126	68	93
10	90	56	76	87	29	64	122	62	89	142	42	83
11	95	34	67	91	46	72	114	68	91	159	19	83
12	105	61	84	149	65	90	136	58	94	168	16	95
13	110	49	88	138	58	92	140	57	99	---	---	---
14	110	53	83	142	40	94	181	61	124	---	---	---
15	124	44	85	---	---	---	161	86	131	---	---	---
16	145	18	82	---	---	---	186	81	130	---	---	---
17	119	32	78	180	51	102	188	60	122	---	---	---
18	131	34	93	180	26	84	156	54	106	---	---	---
19	121	57	95	155	29	83	123	37	84	116	30	67
20	109	59	87	240	38	122	167	46	88	146	41	78
21	116	73	95	207	34	129	145	76	105	155	38	93
22	119	65	99	178	55	114	98	53	79	154	63	109
23	142	81	108	153	42	92	113	41	74	161	39	98
24	136	82	112	107	29	74	117	51	82	180	56	108
25	131	69	97	99	17	58	137	46	83	142	59	97
26	150	73	104	114	21	61	144	68	107	121	1	68
27	128	67	98	158	33	76	159	66	107	167	23	82
28	170	58	113	112	36	74	144	54	99	190	42	117
29	182	49	119	91	32	70	149	42	95	149	45	101
30	---	---	---	141	45	83	177	64	122	97	31	60
31	---	---	---	91	30	59	---	---	---	48	27	40
Month	182	18	94	---	---	---	188	20	92	---	---	---

0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—Continued**DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
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	53	31	40	---	---	---	61	28	42	43	26	33
2	57	31	46	---	---	---	58	28	40	38	14	29
3	58	32	46	---	---	---	58	27	42	44	14	35
4	64	20	47	---	---	---	53	23	41	40	26	32
5	60	18	45	---	---	---	62	39	49	41	24	31
6	71	35	53	---	---	---	66	19	53	54	23	38
7	90	51	64	---	---	---	67	12	46	57	37	45
8	84	51	65	---	---	---	64	0	37	43	30	37
9	95	36	59	---	---	---	90	24	56	43	33	38
10	128	26	65	114	36	68	85	46	65	46	29	36
11	86	18	61	112	27	62	82	41	68	---	---	---
12	92	37	66	57	18	42	83	44	66	50	14	38
13	105	19	56	59	0	33	70	35	49	56	8	38
14	101	15	55	118	11	52	100	41	69	64	8	39
15	112	25	65	158	17	84	119	27	74	55	31	45
16	118	33	75	207	4	100	141	8	68	59	23	44
17	99	47	71	212	1	110	144	11	79	95	26	49
18	80	38	61	206	30	124	140	33	78	84	43	57
19	70	39	53	235	37	139	100	51	74	61	36	48
20	80	35	52	175	25	112	93	39	58	50	24	39
21	---	---	---	134	1	76	67	23	43	43	11	34
22	---	---	---	109	0	40	56	26	36	52	15	38
23	---	---	---	98	0	36	48	23	38	53	17	39
24	---	---	---	75	11	51	52	43	47	58	4	36
25	---	---	---	51	31	38	50	37	43	70	2	37
26	---	---	---	44	27	35	44	35	39	81	12	48
27	122	39	82	49	29	37	59	38	43	104	17	55
28	128	58	91	53	19	40	48	29	39	114	12	60
29	142	47	87	55	12	41	50	33	41	75	13	47
30	158	24	73	51	4	35	42	29	36	61	8	31
31	---	---	---	63	16	45	38	26	33	---	---	---
Month	---	---	---	---	---	---	144	0	51	---	---	---

0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—Continued
**SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
October				November				December				January
1	9.8	2.8	6.0	15.3	1.2	5.4	---	---	---	---	---	---
2	9.8	3.5	5.7	15.7	1.3	8.6	---	---	---	---	---	---
3	6.2	2.0	3.5	16.5	0.01	11.1	---	---	---	---	---	---
4	3.8	1.2	1.9	16.5	3.5	11.9	---	---	---	---	---	---
5	10.4	1.3	3.6	16.3	5.2	12.8	---	---	---	---	---	---
6	10.9	1.7	5.7	16.5	5.4	13.8	---	---	---	---	---	---
7	9.5	1.9	5.1	18.3	5.9	13.3	---	---	---	---	---	---
8	9.2	1.8	5.0	18.9	7.7	16.3	---	---	---	---	---	---
9	10.2	3.1	6.2	18.1	10.2	14.9	---	---	---	---	---	---
10	11.1	4.0	7.4	16.5	12.1	13.9	---	---	---	---	---	---
11	12.4	4.2	7.3	14.9	10.2	12.4	---	---	---	---	---	---
12	12.0	4.5	8.3	14.5	8.9	11.5	---	---	---	---	---	---
13	12.6	5.6	8.1	13.7	6.9	9.9	---	---	---	---	---	---
14	11.7	6.8	9.1	16.3	6.5	9.8	---	---	---	---	---	---
15	11.1	7.8	9.4	17.2	8.3	12.1	---	---	---	---	---	---
16	12.1	8.1	9.1	15.5	10.5	12.5	---	---	---	---	---	---
17	13.5	8.1	10.6	15.7	11.5	12.8	---	---	---	---	---	---
18	13.2	8.5	11.0	14.6	11.5	12.5	---	---	---	---	---	---
19	12.5	9.1	10.9	13.3	10.4	11.4	---	---	---	---	---	---
20	12.4	8.3	10.4	17.2	9.3	12.6	---	---	---	---	---	---
21	13.6	8.2	10.5	17.4	10.1	13.0	---	---	---	---	---	---
22	15.3	8.0	11.6	16.6	10.4	12.9	---	---	---	---	---	---
23	15.3	8.4	11.7	17.6	11.5	14.4	---	---	---	---	---	---
24	14.3	7.2	11.0	17.3	12.2	13.7	---	---	---	---	---	---
25	14.1	7.3	11.2	18.1	10.9	14.0	---	---	---	---	---	---
26	14.7	7.8	10.8	18.4	10	13.4	---	---	---	---	---	---
27	14.7	8.8	11.5	---	---	---	---	---	---	---	---	---
28	13.0	5.6	8.2	---	---	---	---	---	---	---	---	---
29	10.6	4.4	6.4	---	---	---	---	---	---	---	---	---
30	11.1	3.7	6.6	---	---	---	---	---	---	---	---	---
31	10.8	2.0	4.2	---	---	---	---	---	---	---	---	---
Month	15.3	1.2	8.0	---	---	---	---	---	---	---	---	---

0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—Continued
**SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
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17	---	---	---	---	---	---	---	---	---	---	---	---
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Month	---	---	---	---	---	---	---	---	---	---	---	---

0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—Continued
**SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
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Month	---	---	---	---	---	---	---	---	---	---	---	---

0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—Continued**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
October				November				December				January
1	16,700	5,290	10,500	25,200	2,350	9,430	---	---	---	---	---	---
2	16,700	6,490	10,100	25,800	2,620	14,600	---	---	---	---	---	---
3	10,900	3,750	6,390	26,900	30	18,400	---	---	---	---	---	---
4	6,980	2,430	3,700	27,000	6,510	19,900	---	---	---	---	---	---
5	17,600	2,500	6,530	26,700	9,310	21,200	---	---	---	---	---	---
6	18,400	3,370	10,000	26,900	9,640	22,800	---	---	---	---	---	---
7	16,300	3,690	9,090	29,600	10,500	22,000	---	---	---	---	---	---
8	15,800	3,410	8,860	30,500	13,300	26,700	---	---	---	---	---	---
9	17,400	5,730	10,800	29,300	17,400	24,500	---	---	---	---	---	---
10	18,800	7,340	12,900	26,900	20,300	23,100	---	---	---	---	---	---
11	20,800	7,570	12,600	24,500	17,300	20,800	---	---	---	---	---	---
12	20,100	8,140	14,200	24,000	15,300	19,400	---	---	---	---	---	---
13	21,100	10,000	14,000	22,800	12,100	16,900	---	---	---	---	---	---
14	19,600	11,900	15,500	26,700	11,500	16,700	---	---	---	---	---	---
15	18,800	13,500	16,100	27,900	14,400	20,300	---	---	---	---	---	---
16	20,300	14,000	15,600	25,400	17,800	20,900	---	---	---	---	---	---
17	22,400	14,000	17,900	25,700	19,300	21,400	---	---	---	---	---	---
18	21,900	14,600	18,600	24,100	19,300	20,900	---	---	---	---	---	---
19	20,900	15,600	18,400	22,100	17,600	19,100	---	---	---	---	---	---
20	20,700	14,400	17,700	27,900	16,000	21,100	---	---	---	---	---	---
21	22,500	14,100	17,800	28,300	17,200	21,700	---	---	---	---	---	---
22	25,200	13,800	19,500	27,100	17,700	21,500	---	---	---	---	---	---
23	25,200	14,500	19,600	28,500	19,300	23,700	---	---	---	---	---	---
24	23,600	12,500	18,500	28,100	20,500	22,800	---	---	---	---	---	---
25	23,400	12,700	18,800	29,300	18,400	23,200	---	---	---	---	---	---
26	24,200	13,600	18,200	29,700	17,000	22,200	---	---	---	---	---	---
27	24,300	15,200	19,300	---	---	---	---	---	---	---	---	---
28	21,700	9,930	14,100	---	---	---	---	---	---	---	---	---
29	18,000	7,990	11,300	---	---	---	---	---	---	---	---	---
30	18,700	6,770	11,600	---	---	---	---	---	---	---	---	---
31	18,300	3,750	7,570	---	---	---	---	---	---	---	---	---
Month	25,200	2,430	13,700	---	---	---	---	---	---	---	---	---

0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—Continued**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
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Month	---	---	---	---	---	---	---	---	---	---	---	---

0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—Continued**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	---	---	---	---	---	---	---	---	---	---	---	---
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0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—Continued

pH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	October				November				December			
1	7.4	7.1	7.2	7.3	6.8	7.0	---	---	---	---	---	---
2	7.3	7.0	7.2	7.3	6.9	7.1	---	---	---	---	---	---
3	7.3	7.0	7.2	7.3	6.9	7.1	---	---	---	---	---	---
4	7.2	6.9	7.1	7.3	7.0	7.2	---	---	---	---	---	---
5	7.2	6.9	7.0	7.3	7.0	7.2	---	---	---	---	---	---
6	7.2	6.8	7.0	7.4	7.1	7.2	---	---	---	---	---	---
7	7.3	6.9	7.0	7.4	7.0	7.2	---	---	---	---	---	---
8	7.3	6.9	7.1	7.6	7.2	7.4	---	---	---	---	---	---
9	7.3	7.0	7.1	7.7	7.3	7.4	---	---	---	---	---	---
10	7.3	7.0	7.1	7.6	7.2	7.4	---	---	---	---	---	---
11	7.4	6.9	7.2	7.4	7.2	7.3	---	---	---	---	---	---
12	7.4	7.0	7.1	7.5	7.2	7.3	---	---	---	---	---	---
13	7.4	7.0	7.2	7.4	7.1	7.2	---	---	---	---	---	---
14	7.4	7.1	7.2	7.5	7.2	7.3	---	---	---	---	---	---
15	7.6	7.1	7.3	7.6	7.3	7.4	---	---	---	---	---	---
16	7.6	7.3	7.4	7.6	7.3	7.4	---	---	---	---	---	---
17	7.6	7.2	7.4	7.6	7.3	7.5	---	---	---	---	---	---
18	7.7	7.2	7.4	7.6	7.4	7.5	---	---	---	---	---	---
19	7.6	7.2	7.4	7.5	7.4	7.5	---	---	---	---	---	---
20	7.4	7.2	7.3	7.6	7.4	7.5	---	---	---	---	---	---
21	7.4	7.1	7.2	7.6	7.4	7.5	---	---	---	---	---	---
22	7.3	7.0	7.2	7.7	7.4	7.5	---	---	---	---	---	---
23	7.3	7.1	7.2	7.8	7.4	7.6	---	---	---	---	---	---
24	7.4	7.1	7.2	7.6	7.4	7.5	---	---	---	---	---	---
25	7.6	7.2	7.3	7.7	7.3	7.5	---	---	---	---	---	---
26	7.5	7.2	7.3	7.6	7.2	7.4	---	---	---	---	---	---
27	7.5	7.2	7.4	7.6	7.3	7.4	---	---	---	---	---	---
28	7.5	7.2	7.4	7.6	7.3	7.5	---	---	---	---	---	---
29	7.4	7.2	7.3	7.8	7.3	7.6	---	---	---	---	---	---
30	7.4	7.2	7.3	---	---	---	---	---	---	---	---	---
31	7.3	6.9	7.1	---	---	---	---	---	---	---	---	---
Max	7.7	7.3	7.4	---	---	---	---	---	---	---	---	---
Min	7.2	6.8	7.0	---	---	---	---	---	---	---	---	---

0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—Continued

pH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
February				March				April				May
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
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17	---	---	---	---	---	---	---	---	---	---	---	---
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21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---

0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—Continued

pH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	June			July			August			September		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
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31	---	---	---	---	---	---	---	---	---	---	---	---
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---

0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—Continued
**TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
October				November				December				January
1	24.6	22.4	23.8	15.1	12.6	13.9	---	---	---	---	---	---
2	25.1	23.6	24.4	15.2	12.0	14.0	---	---	---	---	---	---
3	25.1	24.1	24.6	15.4	11.7	13.9	---	---	---	---	---	---
4	26.0	23.3	24.4	15.6	12.2	14.4	---	---	---	---	---	---
5	25.8	23.7	24.8	15.4	12.4	14.4	---	---	---	---	---	---
6	26.1	23.4	24.9	15.2	11.2	13.8	---	---	---	---	---	---
7	25.7	24.2	25.1	14.4	11.3	13.2	---	---	---	---	---	---
8	24.4	21.1	23.0	14.2	11.7	13.6	---	---	---	---	---	---
9	22.7	19.8	21.1	14.0	10.6	13.2	---	---	---	---	---	---
10	21.9	19.8	21.0	14.3	12.2	13.4	---	---	---	---	---	---
11	22.0	19.9	21.2	14.3	12.9	13.7	---	---	---	---	---	---
12	21.8	20.1	21.3	15.5	13.9	14.6	---	---	---	---	---	---
13	21.4	19.2	20.6	16.1	14.8	15.4	---	---	---	---	---	---
14	22.1	19.3	20.9	14.9	12.5	13.3	---	---	---	---	---	---
15	22.7	20.8	21.7	13.7	11.7	12.6	---	---	---	---	---	---
16	22.3	20.0	21.2	13.4	11.8	12.7	---	---	---	---	---	---
17	21.3	19.1	20.3	13.0	11.5	12.2	---	---	---	---	---	---
18	21.2	18.9	20.2	12.4	12.0	12.2	---	---	---	---	---	---
19	22.0	20.3	21.0	12.6	12.3	12.4	---	---	---	---	---	---
20	21.6	19.5	20.9	12.5	12.0	12.3	---	---	---	---	---	---
21	20.9	19.4	20.4	12.8	11.1	12.2	---	---	---	---	---	---
22	20.8	19.2	20.2	12.6	10.8	12.0	---	---	---	---	---	---
23	21.0	19.3	20.4	13.1	11.8	12.3	---	---	---	---	---	---
24	21.8	19.6	20.8	12.6	11.2	12.3	---	---	---	---	---	---
25	23.1	20.6	21.7	12.2	10.3	11.5	---	---	---	---	---	---
26	22.5	21.2	21.8	12.1	10.6	11.6	---	---	---	---	---	---
27	21.9	20.3	20.8	12.2	10.8	11.7	---	---	---	---	---	---
28	20.4	17.1	18.6	11.7	10.2	11.0	---	---	---	---	---	---
29	17.3	15.6	16.5	11.7	9.3	10.8	---	---	---	---	---	---
30	16.3	13.9	14.7	---	---	---	---	---	---	---	---	---
31	15.0	13.3	14.0	---	---	---	---	---	---	---	---	---
Month	26.1	13.3	21.2	---	---	---	---	---	---	---	---	---

0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—Continued
**TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
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31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—Continued
**TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
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17	---	---	---	---	---	---	---	---	---	---	---	---
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31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—Continued
DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October				November				December			
1	5.7	0.3	2.0	4.9	2.1	3.8	---	---	---	---	---	---
2	4.7	0.3	2.6	4.7	2.4	3.9	---	---	---	---	---	---
3	4.5	0.8	3.0	4.6	2.1	3.5	---	---	---	---	---	---
4	4.9	1.6	3.1	5.2	1.8	3.5	---	---	---	---	---	---
5	5.2	0.9	3.2	4.9	1.5	3.2	---	---	---	---	---	---
6	5.3	0.6	2.9	6.9	1.5	3.2	---	---	---	---	---	---
7	5.6	1.3	3.3	7.2	2.0	3.6	---	---	---	---	---	---
8	5.7	1.9	3.8	6.8	2.5	4.4	---	---	---	---	---	---
9	5.6	1.8	3.9	8.0	4.2	5.9	---	---	---	---	---	---
10	6.2	1.6	3.5	7.6	4.1	6.1	---	---	---	---	---	---
11	7.2	1.2	3.7	6.2	4.7	5.7	---	---	---	---	---	---
12	---	---	---	7.7	4.6	5.9	---	---	---	---	---	---
13	---	---	---	6.7	4.0	5.6	---	---	---	---	---	---
14	6.4	2.3	4.2	8.2	3.3	6.0	---	---	---	---	---	---
15	6.4	2.1	4.1	7.9	3.4	5.9	---	---	---	---	---	---
16	6.9	2.1	4.7	8.4	5.2	6.7	---	---	---	---	---	---
17	7.1	1.6	4.1	8.7	5.4	7.1	---	---	---	---	---	---
18	7.2	2.0	4.2	8.5	6.9	7.5	---	---	---	---	---	---
19	6.4	2.0	4.1	8.3	6.5	7.4	---	---	---	---	---	---
20	5.8	1.4	3.7	8.2	6.2	7.2	---	---	---	---	---	---
21	5.3	0.7	2.5	8.3	5.9	7.2	---	---	---	---	---	---
22	4.4	0.3	1.5	8.7	6.2	7.4	---	---	---	---	---	---
23	4.5	0.4	1.4	9.3	6.1	7.9	---	---	---	---	---	---
24	5.1	0.5	2.4	8.4	6.2	7.8	---	---	---	---	---	---
25	8.3	0.8	3.0	9.6	6.2	7.8	---	---	---	---	---	---
26	6.2	0.8	3.2	9.3	4.6	7.1	---	---	---	---	---	---
27	4.4	1.2	3.4	9.1	5.1	7.1	---	---	---	---	---	---
28	5.2	2.0	4.0	10.2	4.7	7.9	---	---	---	---	---	---
29	5.2	2.5	4.0	12.6	5.6	8.8	---	---	---	---	---	---
30	6.4	3.7	5.2	---	---	---	---	---	---	---	---	---
31	5.4	2.1	4.4	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February				March				April			
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
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26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
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Month	---	---	---	---	---	---	---	---	---	---	---	---

0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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Month	---	---	---	---	---	---	---	---	---	---	---	---

0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—Continued
**DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
October				November				December				January
1	69	4	25	51	21	39	---	---	---	---	---	---
2	59	4	32	51	24	39	---	---	---	---	---	---
3	56	10	37	50	23	36	---	---	---	---	---	---
4	61	19	38	53	20	36	---	---	---	---	---	---
5	64	12	39	51	16	34	---	---	---	---	---	---
6	67	8	37	65	16	33	---	---	---	---	---	---
7	68	17	41	70	21	37	---	---	---	---	---	---
8	69	23	46	73	27	47	---	---	---	---	---	---
9	63	22	45	83	44	62	---	---	---	---	---	---
10	71	19	40	74	43	63	---	---	---	---	---	---
11	84	14	43	66	49	59	---	---	---	---	---	---
12	---	---	---	82	48	62	---	---	---	---	---	---
13	---	---	---	73	42	59	---	---	---	---	---	---
14	77	27	50	83	35	61	---	---	---	---	---	---
15	78	26	50	79	36	60	---	---	---	---	---	---
16	82	25	55	87	54	68	---	---	---	---	---	---
17	84	19	48	89	54	72	---	---	---	---	---	---
18	87	24	50	86	69	76	---	---	---	---	---	---
19	77	24	49	84	65	75	---	---	---	---	---	---
20	67	17	45	84	62	72	---	---	---	---	---	---
21	62	8	29	85	59	73	---	---	---	---	---	---
22	51	4	18	90	61	74	---	---	---	---	---	---
23	53	5	16	96	61	80	---	---	---	---	---	---
24	59	6	28	86	63	80	---	---	---	---	---	---
25	102	10	36	96	64	78	---	---	---	---	---	---
26	74	10	39	93	47	71	---	---	---	---	---	---
27	53	15	40	---	---	---	---	---	---	---	---	---
28	58	23	45	---	---	---	---	---	---	---	---	---
29	54	27	42	---	---	---	---	---	---	---	---	---
30	67	39	54	---	---	---	---	---	---	---	---	---
31	55	21	44	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—Continued
**DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

0209303205 NEW RIVER BELOW U.S. HIGHWAY 17 BRIDGE AT JACKSONVILLE, NC—Continued
**DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---