0208762750 UNNAMED TRIB TO SWIFT CREEK NEAR YATES MILL POND, NC—Continued ${\rm WATER\text{-}QUALITY\ RECORDS}$

PERIOD OF RECORD .-- April 2002 to current year.

PERIOD OF DAILY RECORD .--

SPECIFIC CONDUCTANCE: April 2002 to current year.

pH: April 2002 to current year.

WATER TEMPERATURE: April 2002 to current year. DISSOLVED OXYGEN: April 2002 to current year.

DISSOLVED OXYGEN, PERCENT SATURATION: April 2002 to current year.

INSTRUMENTATION .-- Water-quality monitor with satellite telemetry from April 2002 to current year.

REMARKS.--Station operated in cooperation with North Carolina Department of Environment and Natural Resources, Water Resources Division as part of the Piedmont/Mountains ground-water project. Dissolved oxygen, percent saturation, computed using a barometric pressure of 760 mm Hg..

EXTREMES FOR PERIOD OF DAILY RECORD .--

1		
CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SPECIFIC CONDUCTANCE, microsiemens	456, July 10, 2002	5, August 8, 2003
pH, standard units	6.8, June 2, 6, July 29, 2003	4.8, June 29, 2002
WATER TEMPERATURE, °C	25.8, August 14, 2003	1.8, December 5, 2002
DISSOLVED OXYGEN, mg/L	19.5, June 20, 2002	<1.0, on several days during the period
DISSOLVED OXYGEN, PERCENT SATURATION,%	218, June 20, 2002	<10.0, on several days during the period

EXTREMES FOR CURRENT YEAR .--

CONSTITUENT	MAXIMUM RECORDED	MINIMUM RECORDED
SPECIFIC CONDUCTANCE, microsiemens	341, October 3	5, August 8
pH, standard units	6.8, June 2, 6, July 29	5.0, October 2-6
WATER TEMPERATURE, °C	25.8, August 14	1.8, December 5
DISSOLVED OXYGEN, mg/L	16.2, January 25	<1.0, October 3
DISSOLVED OXYGEN, PERCENT SATURATION,%	133, January 25	<10.0, October 3

532

0208762750 UNNAMED TRIB TO SWIFT CREEK NEAR YATES MILL POND, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS WATER YEAR APRIL TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	I	FEBRUAR	Y		MARCH			APRIL			MAY	
1 2										139	88	103
3 4										154	91	101
5										95 101	72 75	84 83
6										132	82	94
7 8										197 200	86 91	125 135
9 10							 97	 69	 79	241 249	123 171	192 221
11							90	79	83	233	88	120
12							92	81	85	235 239	95 77	166
13 14							95 100	83 84	87 91	186	74	195 100
15							139	87	101	162	86	106
16 17							99 106	86 89	93 95	165 237	84 120	117 188
18 19							127 176	89 92	102 116	230 91	77 77	146 82
20							155	92	113	106	79	87
21							181	93	119	94	78	83
22 23							121 141	99 97	107 105	103 126	78 80	85 94
24 25							128 121	89 90	98 99	151 251	91 90	110 132
26							124	88	95	261	90	151
27							153	86	105	274	114 109	172
28 29							193 215	92 98	132 129	275 257	127	192 192
30 31							147 	87 	97 	276 260	165 109	212 192
MONTH												
		JUNE			JULY			AUGUST		S	ЕРТЕМВЕ	ER
1	274	138	203	108	JULY 99	103	327	310	317	128	85	115
1 2	271	138 130	217	108 		103	327 331	310 302	317 315	128 172	85 125	115 133
1 2 3 4	271 281 295	138 130 229 157	217 257 235	 	99 	 	327 331 330 341	310 302 311 309	317 315 320 324	128 172 304 326	85 125 137 229	115 133 214 304
1 2 3 4 5	271 281 295 304	138 130 229 157 268	217 257 235 284	 	99 	 	327 331 330 341	310 302 311 309	317 315 320 324	128 172 304 326 336	85 125 137 229 318	115 133 214 304 327
1 2 3 4 5	271 281 295 304 306 298	138 130 229 157 268 286 233	217 257 235 284 297 266	 	99 	 	327 331 330 341 	310 302 311 309 	317 315 320 324 	128 172 304 326 336 331 335	85 125 137 229 318 308 306	115 133 214 304 327 324 321
1 2 3 4 5 6 7 8 9	271 281 295 304 306	138 130 229 157 268	217 257 235 284 297	 	99 		327 331 330 341	310 302 311 309 	317 315 320 324 	128 172 304 326 336 331	85 125 137 229 318	115 133 214 304 327 324 321 329
1 2 3 4 5 6 7 8	271 281 295 304 306 298 257	138 130 229 157 268 286 233 143	217 257 235 284 297 266 208	 	99 	 	327 331 330 341 	310 302 311 309 	317 315 320 324 	128 172 304 326 336 331 335 336	85 125 137 229 318 308 306 322	115 133 214 304 327 324 321
1 2 3 4 5 6 7 8 9 10	271 281 295 304 306 298 257 214 240	138 130 229 157 268 286 233 143 108 115	217 257 235 284 297 266 208 142 173	 445	99 406	 422	327 331 330 341 	310 302 311 309 	317 315 320 324 	128 172 304 326 336 331 335 336 339 336 332	85 125 137 229 318 308 306 322 318 319	115 133 214 304 327 324 321 329 328 327 326
1 2 3 4 5 6 7 8 9 10	271 281 295 304 306 298 257 214 240 290 312 334	138 130 229 157 268 286 233 143 108 115	217 257 235 284 297 266 208 142 173 238 273 289	 445 456 384	99 406 425 351	 422 436 370	327 331 330 341 354	310 302 311 309 339	317 315 320 324 347	128 172 304 326 336 331 335 336 339 336 332 330 322	85 125 137 229 318 308 306 322 318 319 306 97	115 133 214 304 327 324 321 329 328 327 326 320 213
1 2 3 4 5 6 7 8 9 10	271 281 295 304 306 298 257 214 240 290 312	138 130 229 157 268 286 233 143 108 115	217 257 235 284 297 266 208 142 173 238 273	 445 456	99 406 425	 422 436	327 331 330 341 	310 302 311 309 	317 315 320 324 	128 172 304 326 336 331 335 336 339 336 332 330	85 125 137 229 318 308 306 322 318 319 306	115 133 214 304 327 324 321 329 328 327 326 320
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	271 281 295 304 306 298 257 214 240 290 312 334 327 324 286	138 130 229 157 268 286 233 143 108 115 160 211 221 272 222	217 257 235 284 297 266 208 142 173 238 273 289 305 287	 445 456 384 400 400	99 406 425 351 367 374	 422 436 370 384 386 395	327 331 330 341 354 356 348	310 302 311 309 339 337 328 317	317 315 320 324 347 346 337 332	128 172 304 326 336 331 335 336 339 336 332 330 322 327 331	85 125 137 229 318 308 306 322 318 319 306 97 319 90	115 133 214 304 327 324 321 329 328 327 326 320 213 322 261 182
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	271 281 295 304 306 298 257 214 240 290 312 334 327 324 286 313 293	138 130 229 157 268 286 233 143 108 115 160 211 221 272 222	217 257 235 284 297 266 208 142 173 238 273 289 305 287	 445 456 384 400 400	99 406 425 351 367 374 379 377 341	 422 436 370 384 386 395 392	327 331 330 341 354 356 348 344 339 309	310 302 311 309 339 337 328 317	317 315 320 324 347 346 337 332 316	128 172 304 326 336 331 335 336 339 336 332 330 322 327 331 327 314 319	85 125 137 229 318 308 306 322 318 319 306 97 319 90 62 221	115 133 214 304 327 324 321 329 328 327 326 320 213 322 261 182 287
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	271 281 295 304 306 298 257 214 240 290 312 334 327 324 286 313 293 229	138 130 229 157 268 286 233 143 108 115 160 211 221 272 222 99 137 123 109	217 257 235 284 297 266 208 142 173 238 273 289 305 287 192 233 214 158	 445 456 384 400 400 428 420 408 368	99 406 425 351 367 374 379 377 341 349	 422 436 370 384 386 395 392 376 360	327 331 330 341 354 356 348 344 339 309 241	310 302 311 309 339 337 328 317 293 63 102	317 315 320 324 347 346 337 332 316 234 214	128 172 304 326 336 331 335 336 339 336 332 330 322 327 331 327 314 319 322	85 125 137 229 318 308 306 322 318 319 306 97 319 90 62 221 308 311	115 133 214 304 327 324 321 329 328 327 326 320 213 322 261 182 287 314 317
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	271 281 295 304 306 298 257 214 240 290 312 334 327 324 286 313 293 229 154	138 130 229 157 268 286 233 143 108 115 160 211 221 272 222 99 137 123 109 19	217 257 235 284 297 266 208 142 173 238 273 289 305 287 192 233 214 158 103	 445 456 384 400 400 428 420 408 368 363	99 406 425 351 367 374 379 377 341 349 348	 422 436 370 384 386 395 392 376 360 355	327 331 330 341 354 356 348 344 339 309 241	310 302 311 309 339 337 328 317 293 63 102	317 315 320 324 347 346 337 332 316 234 214	128 172 304 326 336 331 335 336 339 336 332 327 331 327 331 327 314 319 322 319	85 125 137 229 318 308 306 322 318 319 306 97 319 90 62 221 308 311 308	115 133 214 304 327 324 321 329 328 327 326 320 213 322 261 182 287 314 317 314
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	271 281 295 304 306 298 257 214 240 290 312 334 327 324 286 313 293 229 154 173 104	138 130 229 157 268 286 233 143 108 115 160 211 221 272 222 99 137 123 109 19	217 257 235 284 297 266 208 142 173 238 273 289 305 287 192 233 214 158 103	 445 456 384 400 400 428 420 408 368 363 372 373	99 406 425 351 367 374 379 377 341 349 348 350 314	 422 436 370 384 386 395 392 376 360 355	327 331 330 341 354 356 348 344 339 309 241 	310 302 311 309 339 337 328 317 293 63 102	317 315 320 324 347 346 337 332 316 234 214 	128 172 304 326 336 331 335 336 339 336 332 330 322 327 331 327 314 319 322 319	85 125 137 229 318 308 306 322 318 319 306 97 319 90 62 221 308 311 308	115 133 214 304 327 324 321 329 328 327 326 320 213 322 261 182 287 314 317 314
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	271 281 295 304 306 298 257 214 240 290 312 334 327 324 286 313 293 229 154 173 104 240 225	138 130 229 157 268 286 233 143 108 115 160 211 221 272 222 99 137 123 109 19	217 257 235 284 297 266 208 142 173 238 273 289 305 287 192 233 214 158 103 117 64 57 185	 445 456 384 400 400 428 420 408 368 363 372 373 326 330	99 406 425 351 367 374 379 377 341 349 348 350 314 314 38	 422 436 370 384 386 395 392 376 360 355 361 344 321 272	327 331 330 341 354 356 348 344 339 309 241 342	310 302 311 309 339 337 328 317 293 63 102 334	317 315 320 324 347 346 337 332 316 234 214 339	128 172 304 326 336 331 335 336 339 336 332 330 322 327 331 327 314 319 322 319 324 327 328 323	85 125 137 229 318 308 306 322 318 319 306 97 319 90 62 221 308 311 308 311 308	115 133 214 304 327 324 321 329 328 327 326 320 213 322 261 182 287 314 317 314 315 324 317 294
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	271 281 295 304 306 298 257 214 240 290 312 334 327 324 286 313 293 229 154 173 104 240 225 202	138 130 229 157 268 286 233 143 108 115 160 211 221 272 222 99 137 123 109 19	217 257 235 284 297 266 208 142 173 238 273 289 305 287 192 233 214 158 103 117 64 57 185 151	 445 456 384 400 400 428 420 408 368 363 372 373 326 330 290	99 406 425 351 367 374 379 377 341 349 348 350 314 314 38 88	 422 436 370 384 386 395 392 376 360 355 361 344 321 272 231	327 331 330 341 354 356 348 344 339 309 241 342 348	310 302 311 309 339 337 328 317 293 63 102 334 338	317 315 320 324 347 346 337 332 316 234 214 339 342	128 172 304 326 336 331 335 336 339 336 332 330 322 327 331 327 314 319 322 319 324 327 328 323 323	85 125 137 229 318 308 306 322 318 319 306 97 319 90 62 221 308 311 308 308 311 308	115 133 214 304 327 324 321 329 328 327 326 320 213 322 261 182 287 314 317 314 315 324 317 294 281
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	271 281 295 304 306 298 257 214 240 290 312 334 327 324 286 313 293 229 154 173 104 240 225 202	138 130 229 157 268 286 233 143 108 115 160 211 221 272 222 99 137 123 109 19	217 257 235 284 297 266 208 142 173 238 273 289 305 287 192 233 214 158 103 117 64 57 185 151	 445 456 384 400 400 400 428 420 408 368 363 372 373 326 330 290 286 309	99 406 425 351 367 374 379 377 341 349 348 350 314 314 318 88	 422 436 370 384 386 395 392 376 360 355 361 344 321 272 231	327 331 330 341 354 356 348 344 339 309 241 342 348 347	310 302 311 309 339 337 328 317 293 63 102 334 338 334 3212	317 315 320 324 347 346 337 332 316 234 214 339 342 341 318	128 172 304 326 336 331 335 336 339 336 332 330 322 327 331 327 314 319 322 319 324 327 328 323 323 323 323 323 323 324 325 336 337 337 337 337 337 337 337	85 125 137 229 318 308 306 322 318 319 306 97 319 90 62 221 308 311 308 311 308 311 308 311 308 319 319 319 319 319 319 319 319 319 319	115 133 214 304 327 324 321 329 328 327 326 320 213 322 261 182 287 314 317 314 315 324 317 329 328 329 329 328 327
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	271 281 295 304 306 298 257 214 240 290 312 334 327 324 286 313 293 229 154 173 104 240 225 202	138 130 229 157 268 286 233 143 108 115 160 211 221 272 222 99 137 123 109 19 19 11 11 54 52 14 16 22	217 257 235 284 297 266 208 142 173 238 273 289 305 287 192 233 214 158 103 117 64 57 185 151	 445 456 384 400 400 428 420 408 368 368 363 372 373 326 330 290 286 309 312	99 406 425 351 367 374 379 377 341 349 348 350 314 314 38 88 46 272 292	 422 436 370 384 386 395 392 376 360 355 361 344 321 272 231 175 289 301	327 331 330 341 354 356 348 344 339 309 241 342 348 347 347 331	310 302 311 309 339 337 328 317 293 63 102 334 338 334 212 286	317 315 320 324 347 346 337 332 316 234 214 339 342 341 318 317	128 172 304 326 336 331 335 336 339 336 332 327 331 327 314 319 322 319 324 327 328 323 323 323 323 323 323 324	85 125 137 229 318 308 306 322 318 319 306 97 319 90 62 221 308 311 308 311 308 319 304 251 210 235 317 316	115 133 214 304 327 324 321 329 328 327 326 320 213 322 261 182 287 314 317 314 315 324 317 329 328 327
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	271 281 295 304 306 298 257 214 240 290 312 334 327 324 286 313 293 229 154 173 104 240 225 202 70 59 92 93 104	138 130 229 157 268 286 233 143 108 115 160 211 221 272 222 99 137 123 109 19 11 11 54 52 14 16 22 22 22 22	217 257 235 284 297 266 208 142 173 238 273 289 305 287 192 233 214 158 103 117 64 57 185 151 47 26 69 68 100	 445 456 384 400 400 428 420 408 368 363 372 373 326 330 290 286 309 312 313 313	99 406 425 351 367 374 379 377 341 349 348 350 314 314 38 88 46 272 292 294 301	 422 436 370 384 386 395 392 376 360 355 361 344 321 272 231 175 289 301 302 308	327 331 330 341 354 356 348 344 339 309 241 342 348 347 347 347 347 331 337 338	310 302 311 309 339 337 328 317 293 63 102 334 338 334 212 286 305 46	317 315 320 324 347 346 337 332 316 234 214 339 342 341 318 317 327 173	128 172 304 326 336 331 335 336 339 336 332 337 331 327 314 319 322 319 324 327 328 323 323 323 323 323 323 323	85 125 137 229 318 308 306 322 318 319 306 97 319 90 62 221 308 311 308 308 311 308 308 311 308 319 306 311 308 319 308 319 319 319 319 319 319 319 319 319 319	115 133 214 304 327 324 321 329 328 327 326 320 213 322 261 182 287 314 317 314 315 324 317 294 281 301 323 322 329 328 320 329 329 329 329 329 329 329 329 329 329
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	271 281 295 304 306 298 257 214 240 290 312 334 327 324 286 313 293 229 154 173 104 240 225 202 70 59 99 92	138 130 229 157 268 286 233 143 108 115 160 211 221 272 222 99 137 123 109 19 19 11 54 52 14 16 22 29	217 257 235 284 297 266 208 142 173 238 273 289 305 287 192 233 214 158 103 117 64 57 185 151 47 26 69 68	 445 456 384 400 400 428 420 408 368 363 372 373 326 330 290 286 309 312 313	99 406 425 351 367 374 379 377 341 349 348 350 314 314 38 88 46 272 292 294	 422 436 370 384 386 395 392 376 360 355 361 344 321 272 231 175 289 301 302	327 331 330 341 354 356 348 344 339 309 241 342 348 347 347 347 331 337	310 302 311 309 339 337 328 317 293 63 102 334 338 334 212 286 305	317 315 320 324 327 347 346 337 332 316 234 214 339 342 341 317 327	128 172 304 326 336 331 335 336 339 336 332 330 322 327 331 327 314 319 322 319 324 327 328 323 323 323 323 323 323 323	85 125 137 229 318 308 306 322 318 319 306 97 319 90 62 221 308 311 308 308 319 304 251 210 235 317 316 306	115 133 214 304 327 324 321 329 328 327 326 320 213 322 261 182 287 314 317 314 315 324 317 294 281 301 323 322 328

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS WATER YEAR APRIL TO SEPTEMBER 2002

DAY	MAX	MIN FEBRUAR	MEAN	MAX	MIN MARCH	MEAN	MAX	MIN APRIL	MEAN	MAX	MIN MAY	MEAN
1										5.9	5.7	5.8
2 3										5.8	 5.6	5.8
4 5										5.9 5.9	5.8 5.7	5.8
6										5.9	5.6	5.8 5.8
7										5.8	5.5	5.6
8 9										5.7 5.5	5.5 5.3	5.6 5.4
10							6.1	5.9	6.0	5.4	5.4	5.4
11 12							6.1 6.0	5.9 5.9	6.0 6.0	5.8 5.6	5.4 5.4	5.6 5.5
13 14							6.0 6.0	5.9	6.0	5.7	5.4	5.4 5.7
15							5.9	5.8 5.6	5.8 5.8	5.8 5.7	5.5 5.5	5.6
16							6.0	5.8	5.9	5.7	5.4	5.5
17 18							5.9 5.9	5.7 5.6	5.8 5.8	5.5 5.5	5.3 5.1	5.4 5.4
19 20							5.9 5.8	5.5 5.5	5.7 5.7	5.6 5.5	5.4 5.2	5.5 5.4
21							5.8	5.5	5.7	5.4	5.2	5.3
22							5.8	5.6	5.7	5.4	5.2	5.3
23 24							5.7 5.8	5.5 5.6	5.6 5.7	5.6 5.6	5.2 5.3	5.3 5.5
25							5.9	5.7	5.8	5.5	5.2	5.4
26 27							5.9 6.0	5.8 5.6	5.9 5.8	5.6 5.4	5.2 5.2	5.4 5.3
28 29							5.8 5.8	5.5 5.5	5.6 5.6	5.4 5.3	5.2 5.2	5.3 5.2
30							6.0	5.7	5.9	5.3	5.2	5.2
31										5.3	5.2	5.2
MONTH												
		HINE			шшу			ALICHET		C.	EDTEMDE	PD.
1	5.3	JUNE	5.2	4.0	JULY	4.0	5.4	AUGUST			EPTEMBE	
1 2	5.3 5.3	5.2 5.2	5.2 5.2	4.9 4.9	4.9 4.9	4.9 4.9	5.4 5.4	5.4 5.4	5.4 5.4	5.9 5.3	5.3 5.1	5.5 5.3
		5.2			4.9			5.4	5.4	5.9	5.3	5.5
2 3	5.3 5.2	5.2 5.2 5.2	5.2 5.2	4.9 5.0	4.9 4.9 4.9	4.9 4.9	5.4 5.4	5.4 5.4 5.4	5.4 5.4 5.4	5.9 5.3 5.1	5.3 5.1 4.9	5.5 5.3 5.0
2 3 4 5	5.3 5.2 5.3 5.2	5.2 5.2 5.2 5.2 5.1 5.1	5.2 5.2 5.2 5.2 5.1	4.9 5.0 5.0 5.0	4.9 4.9 4.9 4.9 4.9	4.9 4.9 4.9 4.9	5.4 5.4 5.5 5.5	5.4 5.4 5.4 5.4 5.4 5.3	5.4 5.4 5.4 5.4 5.4	5.9 5.3 5.1 5.0 5.2	5.3 5.1 4.9 4.9 4.9	5.5 5.3 5.0 4.9 5.0
2 3 4 5 6 7 8	5.3 5.2 5.3 5.2 5.2 5.3 5.6	5.2 5.2 5.2 5.2 5.1 5.1 5.1 5.3	5.2 5.2 5.2 5.2 5.1 5.2 5.4	4.9 5.0 5.0 5.0 4.9 5.0	4.9 4.9 4.9 4.9 4.9	4.9 4.9 4.9 4.9 4.9	5.4 5.5 5.5 5.5 5.5 5.5 5.4	5.4 5.4 5.4 5.4 5.4 5.3 5.3 5.3	5.4 5.4 5.4 5.4 5.4 5.4 5.4 5.4	5.9 5.3 5.1 5.0 5.2 5.2 5.2 5.2	5.3 5.1 4.9 4.9 4.9 5.2 5.2 5.2	5.5 5.3 5.0 4.9 5.0 5.2 5.2 5.2
2 3 4 5	5.3 5.2 5.3 5.2 5.2 5.3	5.2 5.2 5.2 5.2 5.1 5.1	5.2 5.2 5.2 5.2 5.1 5.2	4.9 5.0 5.0 5.0 4.9 5.0	4.9 4.9 4.9 4.9 4.9 4.9	4.9 4.9 4.9 4.9 4.9	5.4 5.4 5.5 5.5 5.5	5.4 5.4 5.4 5.4 5.4 5.3 5.3	5.4 5.4 5.4 5.4 5.4 5.4	5.9 5.3 5.1 5.0 5.2 5.2	5.3 5.1 4.9 4.9 4.9 5.2 5.2	5.5 5.3 5.0 4.9 5.0 5.2 5.2
2 3 4 5 6 7 8 9	5.3 5.2 5.3 5.2 5.2 5.3 5.6 5.7	5.2 5.2 5.2 5.2 5.1 5.1 5.1 5.3 5.3	5.2 5.2 5.2 5.2 5.1 5.2 5.4 5.5	4.9 5.0 5.0 5.0 4.9 5.0	4.9 4.9 4.9 4.9 4.9	4.9 4.9 4.9 4.9 4.9	5.4 5.5 5.5 5.5 5.5 5.4 5.4	5.4 5.4 5.4 5.4 5.3 5.3 5.3 5.3	5.4 5.4 5.4 5.4 5.4 5.4 5.4 5.4 5.3	5.9 5.3 5.1 5.0 5.2 5.2 5.2 5.2 5.2	5.3 5.1 4.9 4.9 4.9 5.2 5.2 5.2 5.2	5.5 5.3 5.0 4.9 5.0 5.2 5.2 5.2 5.2 5.2
2 3 4 5 6 7 8 9 10	5.3 5.2 5.3 5.2 5.2 5.3 5.6 5.7 5.6 5.4 5.3 5.3	5.2 5.2 5.2 5.2 5.1 5.1 5.3 5.3 5.2 5.1 5.1	5.2 5.2 5.2 5.2 5.1 5.2 5.4 5.5 5.4 5.5 5.4	4.9 5.0 5.0 5.0 4.9 5.0 5.4	4.9 4.9 4.9 4.9 4.9 4.9 5.2	4.9 4.9 4.9 4.9 4.9 5.3	5.4 5.4 5.5 5.5 5.5 5.5 5.4 5.4 5.4 5.4	5.4 5.4 5.4 5.4 5.3 5.3 5.3 5.2 5.2 5.2 5.2	5.4 5.4 5.4 5.4 5.4 5.4 5.4 5.3 5.3 5.3	5.9 5.3 5.1 5.0 5.2 5.2 5.2 5.2 5.2 5.2 5.2	5.3 5.1 4.9 4.9 4.9 5.2 5.2 5.2 5.2 5.2 5.2	5.5 5.3 5.0 4.9 5.0 5.2 5.2 5.2 5.2 5.2 5.2 5.2
2 3 4 5 6 7 8 9 10 11 12 13 14	5.3 5.2 5.3 5.2 5.2 5.3 5.6 5.7 5.6 5.4 5.3 5.3 5.3	5.2 5.2 5.2 5.2 5.1 5.1 5.1 5.3 5.3 5.2 5.1 5.1 5.2	5.2 5.2 5.2 5.2 5.1 5.2 5.4 5.5 5.4 5.2 5.2 5.3 5.3	4.9 5.0 5.0 5.0 4.9 5.0 5.4 5.2 5.2	4.9 4.9 4.9 4.9 4.9 4.9 5.2 5.2 5.2	4.9 4.9 4.9 4.9 4.9 5.3	5.4 5.4 5.5 5.5 5.5 5.5 5.4 5.4 5.4 5.4	5.4 5.4 5.4 5.4 5.3 5.3 5.3 5.2 5.2 5.2 5.2	5.4 5.4 5.4 5.4 5.4 5.4 5.4 5.3 5.3 5.3 5.3	5.9 5.3 5.1 5.0 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	5.3 5.1 4.9 4.9 4.9 5.2 5.2 5.2 5.2 5.2 5.2 5.2	5.5 5.3 5.0 4.9 5.0 5.2 5.2 5.2 5.2 5.2 5.2 5.2
2 3 4 5 6 7 8 9 10 11 12 13 14 15	5.3 5.2 5.3 5.2 5.2 5.3 5.6 5.7 5.6 5.4 5.3 5.3 5.3	5.2 5.2 5.2 5.2 5.1 5.1 5.3 5.3 5.2 5.1 5.1 5.2 5.2 5.3	5.2 5.2 5.2 5.2 5.1 5.2 5.4 5.5 5.4 5.2 5.3 5.3 5.3	4.9 5.0 5.0 5.0 4.9 5.0 5.4 5.2 5.2 5.2	4.9 4.9 4.9 4.9 4.9 4.9 5.2 5.2 5.2 5.2	4.9 4.9 4.9 4.9 4.9 5.3 5.2 5.2 5.2	5.4 5.5 5.5 5.5 5.5 5.4 5.4 5.4 5.4 5.4	5.4 5.4 5.4 5.4 5.3 5.3 5.3 5.2 5.2 5.2 5.2 5.2 5.2	5.4 5.4 5.4 5.4 5.4 5.4 5.3 5.3 5.3 5.3 5.3 5.2	5.9 5.3 5.1 5.0 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	5.3 5.1 4.9 4.9 4.9 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	5.5 5.3 5.0 4.9 5.0 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2
2 3 4 5 6 7 8 9 10 11 12 13 14 15	5.3 5.2 5.3 5.2 5.2 5.3 5.6 5.7 5.6 5.4 5.3 5.3 5.3 5.4 5.7	5.2 5.2 5.2 5.2 5.1 5.1 5.1 5.3 5.3 5.2 5.1 5.2 5.2 5.3	5.2 5.2 5.2 5.2 5.1 5.2 5.4 5.5 5.4 5.2 5.2 5.3 5.3 5.3	4.9 5.0 5.0 5.0 4.9 5.0 5.4 5.2 5.2 5.2 5.2 5.2	4.9 4.9 4.9 4.9 4.9 4.9 5.2 5.2 5.2 5.2 5.1	4.9 4.9 4.9 4.9 4.9 5.3 5.2 5.2 5.2 5.2	5.4 5.5 5.5 5.5 5.5 5.4 5.4 5.4 5.4 5.3 5.3 5.3 5.3	5.4 5.4 5.4 5.4 5.3 5.3 5.3 5.2 5.2 5.2 5.2 5.2 5.2 5.2	5.4 5.4 5.4 5.4 5.4 5.4 5.3 5.3 5.3 5.3 5.3 5.2 5.2	5.9 5.3 5.1 5.0 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	5.3 5.1 4.9 4.9 4.9 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	5.5 5.3 5.0 4.9 5.0 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	5.3 5.2 5.3 5.2 5.2 5.3 5.6 5.7 5.6 5.4 5.3 5.3 5.3 5.4 5.7 5.5 5.4	5.2 5.2 5.2 5.2 5.1 5.1 5.3 5.3 5.2 5.1 5.2 5.3 5.2 5.3 5.2 5.3	5.2 5.2 5.2 5.2 5.2 5.4 5.5 5.4 5.2 5.3 5.3 5.3 5.3 5.3 5.3	4.9 5.0 5.0 5.0 4.9 5.0 5.4 5.2 5.2 5.2 5.2 5.1 5.1	4.9 4.9 4.9 4.9 4.9 4.9 5.2 5.2 5.2 5.2 5.1 5.1	4.9 4.9 4.9 4.9 4.9 4.9 5.3 5.2 5.2 5.2 5.2 5.1 5.1	5.4 5.5 5.5 5.5 5.5 5.4 5.4 5.4 5.4 5.3 5.3 5.3 5.3 5.2 5.2 6.0 5.5	5.4 5.4 5.4 5.4 5.3 5.3 5.3 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	5.4 5.4 5.4 5.4 5.4 5.4 5.3 5.3 5.3 5.3 5.3 5.2 5.2 5.2 5.2	5.9 5.3 5.1 5.0 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	5.3 5.1 4.9 4.9 4.9 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	5.5 5.3 5.0 4.9 5.0 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.3 5.2 5.3 5.2 5.3
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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	5.3 5.2 5.3 5.2 5.3 5.6 5.7 5.6 5.4 5.3 5.3 5.3 5.4 5.7 5.5 5.4 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.3	5.2 5.2 5.2 5.2 5.1 5.1 5.3 5.3 5.2 5.3 5.2 5.3 5.2 5.3 5.2 5.1 5.1 5.2 5.3 5.2 5.3 5.2 5.1 5.1 5.3 5.2 5.3 5.2 5.3 5.2 5.3 5.2 5.3 5.2 5.3 5.2 5.3 5.2 5.1 5.1 5.1 5.2 5.3 5.2 5.1 5.1 5.1 5.1 5.2 5.2 5.1 5.1 5.1 5.1 5.1 5.1 5.2 5.2 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1	5.2 5.2 5.2 5.2 5.2 5.4 5.5 5.4 5.5 5.3 5.3 5.3 5.3 5.3 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	4.9 5.0 5.0 5.0 4.9 5.0 5.4 5.2 5.2 5.2 5.2 5.1 5.1 5.1 5.1 5.1 5.4 6.1 5.4 5.4 5.4	4.9 4.9 4.9 4.9 4.9 4.9 4.9 5.2 5.2 5.2 5.1 5.1 5.1 5.1 5.1 5.2 5.2 5.2 5.2 5.4 5.4 5.4	4.9 4.9 4.9 4.9 4.9 4.9 4.9 5.3 5.2 5.2 5.2 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.4 5.4 5.4 5.4	5.4 5.4 5.5 5.5 5.5 5.5 5.4 5.4	5.4 5.4 5.4 5.4 5.3 5.3 5.3 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	5.4 5.4 5.4 5.4 5.4 5.4 5.4 5.3 5.3 5.3 5.3 5.3 5.3 5.2 5.2 5.2 5.2 5.1 5.1 5.1 5.1 5.1 5.1	5.9 5.3 5.1 5.0 5.2 5.2 5.2 5.2 5.2 5.2 5.5 5.2 5.5 5.2 5.2	5.3 5.1 4.9 4.9 4.9 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	5.5 5.3 5.0 4.9 5.0 5.2 5.2 5.2 5.2 5.2 5.2 5.3 5.2 5.3 5.4 5.2 5.2 5.2 5.3 5.4 5.2 5.2 5.2 5.3 5.1 5.1 5.1 5.1
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	5.3 5.2 5.3 5.2 5.3 5.6 5.7 5.6 5.4 5.3 5.3 5.3 5.4 5.7 5.5 5.4 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.5 5.4	5.2 5.2 5.2 5.2 5.1 5.1 5.3 5.3 5.2 5.1 5.2 5.2 5.3 5.2 5.2 5.1 5.1 5.1 5.2 5.2 5.2 5.1 5.1 5.2 5.2 5.2 5.3	5.2 5.2 5.2 5.2 5.2 5.4 5.5 5.4 5.5 5.4 5.2 5.2 5.3 5.3 5.3 5.3 5.3 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.1 5.2 5.3 5.3 5.3 5.2 5.2 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3	4.9 5.0 5.0 5.0 4.9 5.0 5.4 5.2 5.2 5.2 5.2 5.1 5.1 5.1 5.1 5.2 5.9 5.4	4.9 4.9 4.9 4.9 4.9 4.9 4.9 5.2 5.2 5.2 5.2 5.1 5.1 5.1 5.1 5.1 5.2 5.2 5.2 5.2 5.4 5.4	4.9 4.9 4.9 4.9 4.9 4.9 5.3 5.2 5.2 5.2 5.2 5.1 5.1 5.1 5.1 5.1 5.1 5.2 5.3 5.4 5.4 5.4	5.4 5.4 5.5 5.5 5.5 5.5 5.4 5.4	5.4 5.4 5.4 5.4 5.3 5.3 5.3 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	5.4 5.4 5.4 5.4 5.4 5.4 5.4 5.3 5.3 5.3 5.3 5.3 5.2 5.2 5.2 5.1 5.1 5.1 5.1 5.1	5.9 5.3 5.1 5.0 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	5.3 5.1 4.9 4.9 4.9 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	5.5 5.3 5.0 4.9 5.0 5.2 5.2 5.2 5.2 5.2 5.3 5.2 5.3 5.4 5.2 5.2 5.2 5.2 5.3 5.4 5.2 5.2 5.2 5.3 5.1 5.1 5.1
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	5.3 5.2 5.3 5.2 5.2 5.3 5.6 5.7 5.6 5.4 5.3 5.3 5.3 5.4 5.7 5.5 5.4 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.4 5.4 5.4 5.4 5.4 5.4 5.4 5.4 5.4 5.4	5.2 5.2 5.2 5.2 5.1 5.1 5.3 5.3 5.2 5.1 5.2 5.2 5.3 5.2 5.1 5.1 5.2 5.2 5.3 5.2 5.1 5.1 5.2 5.3 5.2 5.3 5.2 5.3 5.2 5.3 5.2 5.3 5.2 5.3 5.2 5.3 5.2 5.3 5.2 5.3 5.2 5.1 5.1 5.1 5.2 5.2 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1	5.2 5.2 5.2 5.2 5.2 5.4 5.5 5.4 5.5 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.3	4.9 5.0 5.0 5.0 4.9 5.0 5.4 5.2 5.2 5.2 5.2 5.1 5.1 5.1 5.1 5.1 5.4 5.4 5.4 5.4	4.9 4.9 4.9 4.9 4.9 4.9 4.9 5.2 5.2 5.2 5.2 5.1 5.1 5.1 5.1 5.1 5.2 5.2 5.2 5.4 5.4 5.4	4.9 4.9 4.9 4.9 4.9 4.9 5.3 5.2 5.2 5.2 5.2 5.2 5.1 5.1 5.1 5.1 5.1 5.1 5.2 5.3 5.4 5.4 5.4 5.4	5.4 5.4 5.5 5.5 5.5 5.5 5.4 5.4	5.4 5.4 5.4 5.4 5.3 5.3 5.3 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	5.4 5.4 5.4 5.4 5.4 5.4 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.2 5.2 5.2 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1	5.9 5.3 5.1 5.0 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	5.3 5.1 4.9 4.9 4.9 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	5.5 5.3 5.0 4.9 5.0 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2

534

TEMPERATURE, WATER, DEGREES CELSIUS WATER YEAR APRIL TO SEPTEMBER 2002

0208762750 UNNAMED TRIB TO SWIFT CREEK NEAR YATES MILL POND, NC—Continued

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUAR	Y		MARCH			APRIL			MAY	
1 2										18.8	15.1	16.6
3 4										18.3 16.0	16.0 14.1	17.2 15.0
5										16.4	13.7	14.8
6										17.7	13.4	15.5
7 8										19.3 19.7	15.7 16.8	17.1 17.9
9										18.8	17.1	17.8
10							16.7	14.7	15.7	18.6	17.1	17.7
11 12							17.2 17.1	13.0 14.2	15.0 15.4	18.6 19.0	15.9 16.2	17.2 17.4
13							18.1	14.7	16.4	18.9	17.5	18.1
14 15							19.4 20.0	15.2 16.1	17.1 17.7	18.5 18.1	15.3 14.2	16.7 15.7
16							21.1	16.4	18.4	18.3	13.9	15.8
17							21.4	16.7	18.7	18.9	16.1	17.2
18 19							20.8 20.1	16.9 17.3	18.7 18.4	18.1 16.2	15.2 13.7	17.2 14.7
20							19.8	17.2	18.3	16.8	12.5	14.1
21 22							19.2 18.9	16.9 16.2	18.1 17.8	15.6 16.9	13.2 12.7	14.2 14.2
23							17.7	14.4	15.8	17.4	12.2	14.3
24 25							17.3 18.2	13.3 15.1	15.2 16.5	18.2 19.1	13.0 15.0	15.3 16.8
26							16.6	13.4	15.0	18.9	15.7	17.3
27							16.8	13.0	15.0	19.6	16.2	17.6
28 29							18.8 19.3	15.7 15.8	17.1 17.6	19.3 18.6	16.0 16.7	17.4 17.6
30 31							17.6	13.7	15.4	19.6	17.3	18.2
										20.0	17.4	18.5
MONTH												
		JUNE			JULY			AUGUST	,	Sl	ЕРТЕМВІ	ER
1 2	20.0		18.8 18.8	20.2 20.2		19.1 19.1	20.8 20.5					
1 2 3	20.0 20.1 20.2	JUNE 17.9 17.9 17.8	18.8 18.8 18.8	20.2 20.2 20.3	JULY 18.4 18.4 18.4	19.1 19.1 19.2	20.8 20.5 21.1	AUGUST 19.0 19.1 19.0	19.8 19.6 19.7	21.1 20.0 19.7	20.0 19.2 18.4	20.5 19.7 19.0
1 2	20.0 20.1	JUNE 17.9 17.9	18.8 18.8	20.2 20.2	JULY 18.4 18.4	19.1 19.1	20.8 20.5	AUGUST 19.0 19.1	19.8 19.6	21.1 20.0	EPTEMBI 20.0 19.2	ER 20.5 19.7
1 2 3 4 5	20.0 20.1 20.2 20.0 20.1 20.1	JUNE 17.9 17.9 17.8 17.8 18.0	18.8 18.8 18.7 18.8	20.2 20.2 20.3 20.2 20.0 20.7	JULY 18.4 18.4 18.4 18.5 18.5	19.1 19.1 19.2 19.2 19.2	20.8 20.5 21.1 21.0 21.2	19.0 19.1 19.0 19.0 19.0 19.1	19.8 19.6 19.7 19.8 19.9	21.1 20.0 19.7 19.7 19.3	20.0 19.2 18.4 18.7 18.7	20.5 19.7 19.0 19.1 19.0 18.8
1 2 3 4 5	20.0 20.1 20.2 20.0 20.1 20.1 20.6	JUNE 17.9 17.9 17.8 17.8 18.0 18.0 18.0	18.8 18.8 18.8 18.7 18.8 18.9	20.2 20.2 20.3 20.2 20.0 20.7 20.4	JULY 18.4 18.4 18.4 18.5 18.5 18.7	19.1 19.1 19.2 19.2 19.2 19.5 19.4	20.8 20.5 21.1 21.0 21.2 20.8 20.9	AUGUST 19.0 19.1 19.0 19.0 19.1 19.2 18.8	19.8 19.6 19.7 19.8 19.9	SI 21.1 20.0 19.7 19.7 19.3 19.2 19.1	20.0 19.2 18.4 18.7 18.7 18.5 18.5	20.5 19.7 19.0 19.1 19.0 18.8 18.8
1 2 3 4 5 6 7 8 9	20.0 20.1 20.2 20.0 20.1 20.1 20.6 20.5 20.1	JUNE 17.9 17.9 17.8 17.8 18.0 18.0 18.3 16.7 15.4	18.8 18.8 18.8 18.7 18.8 18.9 19.2 18.1 17.4	20.2 20.2 20.3 20.2 20.0 20.7 20.4 20.0 20.1	JULY 18.4 18.4 18.5 18.5 18.7 18.6 18.6 18.6	19.1 19.1 19.2 19.2 19.2 19.5 19.4 19.3 19.2	20.8 20.5 21.1 21.0 21.2 20.8 20.9 20.3 20.0	19.0 19.1 19.0 19.0 19.0 19.1 19.2 18.8 17.7 17.3	19.8 19.6 19.7 19.8 19.9 19.9 19.6 18.9 18.7	21.1 20.0 19.7 19.7 19.3 19.2 19.1 19.1 19.4	20.0 19.2 18.4 18.7 18.7 18.5 18.5 18.5	20.5 19.7 19.0 19.1 19.0 18.8 18.8 18.9
1 2 3 4 5 6 7 8 9	20.0 20.1 20.2 20.0 20.1 20.1 20.6 20.5 20.1 20.0	JUNE 17.9 17.9 17.8 17.8 18.0 18.0 18.3 16.7 15.4	18.8 18.8 18.7 18.8 18.7 18.8 18.9 19.2 18.1 17.4 17.7	20.2 20.2 20.3 20.2 20.0 20.7 20.4 20.0	JULY 18.4 18.4 18.4 18.5 18.5 18.6	19.1 19.1 19.2 19.2 19.2 19.5 19.4 19.3 19.2 19.5	20.8 20.5 21.1 21.0 21.2 20.8 20.9 20.3 20.0 20.2	AUGUST 19.0 19.1 19.0 19.0 19.1 19.2 18.8 17.7 17.3 17.6	19.8 19.6 19.7 19.8 19.9 19.9 19.6 18.9 18.7 18.9	21.1 20.0 19.7 19.7 19.3 19.2 19.1 19.1 19.4 19.3	20.0 19.2 18.4 18.7 18.7 18.5 18.5 18.5 18.6	20.5 19.7 19.0 19.1 19.0 18.8 18.8 18.9 18.9
1 2 3 4 5 6 7 8 9 10	20.0 20.1 20.2 20.0 20.1 20.1 20.6 20.5 20.1 20.0 20.4	JUNE 17.9 17.9 17.8 17.8 18.0 18.0 18.3 16.7 15.4 15.7	18.8 18.8 18.7 18.8 18.7 18.8 18.9 19.2 18.1 17.4 17.7	20.2 20.2 20.3 20.2 20.0 20.7 20.4 20.0 20.1	JULY 18.4 18.4 18.5 18.5 18.7 18.6 18.6 18.6	19.1 19.1 19.2 19.2 19.2 19.5 19.4 19.3 19.2	20.8 20.5 21.1 21.0 21.2 20.8 20.9 20.3 20.0 20.2	AUGUST 19.0 19.1 19.0 19.0 19.1 19.2 18.8 17.7 17.3 17.6 18.3	19.8 19.6 19.7 19.8 19.9 19.9 19.6 18.9 18.7 18.9	21.1 20.0 19.7 19.7 19.3 19.2 19.1 19.1 19.4 19.3	20.0 19.2 18.4 18.7 18.7 18.5 18.5 18.6 18.6	20.5 19.7 19.0 19.1 19.0 18.8 18.8 18.9 18.9
1 2 3 4 5 6 7 8 9 10	20.0 20.1 20.2 20.0 20.1 20.1 20.6 20.5 20.1 20.0 20.4 20.7 20.7	JUNE 17.9 17.8 17.8 17.8 18.0 18.0 18.3 16.7 15.4 15.7 17.1 18.0 18.5	18.8 18.8 18.7 18.8 18.9 19.2 18.1 17.4 17.7	20.2 20.2 20.3 20.2 20.0 20.7 20.4 20.0 20.1 20.3	JULY 18.4 18.4 18.5 18.5 18.7 18.6 18.6 18.6 18.6 18.9	19.1 19.1 19.2 19.2 19.2 19.5 19.4 19.3 19.2 19.5	20.8 20.5 21.1 21.0 21.2 20.8 20.9 20.3 20.0 20.2 20.3 19.9 20.1	AUGUST 19.0 19.1 19.0 19.0 19.1 19.2 18.8 17.7 17.3 17.6 18.3 18.9 18.7	19.8 19.6 19.7 19.8 19.9 19.9 19.6 18.7 18.9 19.2 19.3	21.1 20.0 19.7 19.7 19.3 19.2 19.1 19.1 19.4 19.3	20.0 19.2 18.4 18.7 18.7 18.5 18.5 18.6 18.6 18.6 18.4 16.8	20.5 19.7 19.0 19.1 19.0 18.8 18.8 18.9 18.9 18.9
1 2 3 4 5 6 7 8 9 10	20.0 20.1 20.2 20.0 20.1 20.1 20.6 20.5 20.1 20.0 20.4 20.7	JUNE 17.9 17.8 17.8 18.0 18.0 18.3 16.7 15.4 15.7	18.8 18.8 18.8 18.7 18.8 18.9 19.2 18.1 17.4 17.7	20.2 20.2 20.3 20.2 20.0 20.7 20.4 20.0 20.1 20.3	JULY 18.4 18.4 18.5 18.5 18.7 18.6 18.6 18.9	19.1 19.1 19.2 19.2 19.2 19.5 19.4 19.3 19.2 19.5	20.8 20.5 21.1 21.0 21.2 20.8 20.9 20.3 20.0 20.2 20.3 19.9	AUGUST 19.0 19.1 19.0 19.0 19.1 19.2 18.8 17.7 17.3 17.6 18.3 18.9	19.8 19.6 19.7 19.8 19.9 19.9 19.6 18.9 18.7 18.9	21.1 20.0 19.7 19.7 19.3 19.2 19.1 19.1 19.4 19.3	20.0 19.2 18.4 18.7 18.7 18.5 18.5 18.6 18.6	20.5 19.7 19.0 19.1 19.0 18.8 18.8 18.9 18.9
1 2 3 4 5 6 7 8 9 10 11 12 13 14	20.0 20.1 20.2 20.0 20.1 20.6 20.5 20.1 20.0 20.4 20.7 20.7 20.0	JUNE 17.9 17.9 17.8 17.8 18.0 18.0 18.3 16.7 15.4 15.7 17.1 18.0 18.5 18.4	18.8 18.8 18.7 18.8 18.7 18.8 18.9 19.2 18.1 17.4 17.7 18.6 19.1 19.4 19.2	20.2 20.2 20.3 20.2 20.0 20.7 20.4 20.0 20.1 20.3	JULY 18.4 18.4 18.5 18.5 18.7 18.6 18.6 18.6 18.9 18.5 18.6	19.1 19.1 19.2 19.2 19.2 19.5 19.4 19.3 19.2 19.5 19.2 19.3	20.8 20.5 21.1 21.0 21.2 20.8 20.9 20.3 20.0 20.2 20.3 19.9 20.1 19.7	AUGUST 19.0 19.1 19.0 19.0 19.1 19.2 18.8 17.7 17.3 17.6 18.3 18.9 18.7 18.8	19.8 19.6 19.7 19.8 19.9 19.9 19.6 18.9 18.7 18.9 19.2 19.3 19.2	21.1 20.0 19.7 19.7 19.3 19.2 19.1 19.4 19.3 19.4 19.1 18.7 18.8	20.0 19.2 18.4 18.7 18.7 18.5 18.5 18.6 18.6 18.6 18.6	20.5 19.7 19.0 19.1 19.0 18.8 18.8 18.9 18.9 18.9 18.9
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	20.0 20.1 20.2 20.0 20.1 20.6 20.5 20.1 20.0 20.4 20.7 20.0 21.2 20.5 20.5 20.0	JUNE 17.9 17.9 17.8 17.8 18.0 18.0 18.3 16.7 15.4 15.7 17.1 18.0 18.5 18.4 16.8 17.9	18.8 18.8 18.7 18.8 18.7 18.8 18.9 19.2 18.1 17.4 17.7 18.6 19.1 19.4 19.2 19.4 19.2	20.2 20.2 20.3 20.2 20.0 20.7 20.4 20.0 20.1 20.3 20.1 20.3 21.0 20.8	JULY 18.4 18.4 18.4 18.5 18.5 18.7 18.6 18.6 18.6 18.9 18.5 18.7 18.9 19.1	19.1 19.1 19.2 19.2 19.2 19.5 19.4 19.3 19.2 19.5 19.2 19.3 19.6	20.8 20.5 21.1 21.0 21.2 20.8 20.9 20.3 20.0 20.2 20.3 19.9 20.1 19.7 19.7	AUGUST 19.0 19.1 19.0 19.1 19.2 18.8 17.7 17.3 17.6 18.3 18.9 18.7 18.8 18.7	19.8 19.6 19.7 19.8 19.9 19.9 19.6 18.9 18.7 18.9 19.2 19.3 19.2 19.2 19.1	SI 21.1 20.0 19.7 19.7 19.3 19.2 19.1 19.4 19.3 19.4 19.1 18.7 18.8 21.0 22.5 19.6	20.0 19.2 18.4 18.7 18.7 18.5 18.5 18.6 18.6 18.6 18.4 18.5 18.5	20.5 19.7 19.0 19.1 19.0 18.8 18.8 18.9 18.9 18.9 18.9 18.9 18.5 19.1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	20.0 20.1 20.2 20.0 20.1 20.1 20.6 20.5 20.1 20.0 20.4 20.7 20.7 20.0 21.2 20.5 19.9 20.7	JUNE 17.9 17.8 17.8 18.0 18.0 18.3 16.7 15.4 15.7 17.1 18.0 18.5 18.4 16.8 17.9 17.9	18.8 18.8 18.8 18.7 18.8 18.9 19.2 18.1 17.4 17.7 18.6 19.1 19.4 19.2 19.4 18.5 19.1 18.9 19.1	20.2 20.2 20.3 20.2 20.0 20.7 20.4 20.0 20.1 20.3 21.0 21.0 20.8 20.8 20.8	JULY 18.4 18.4 18.4 18.5 18.5 18.7 18.6 18.6 18.6 18.9 18.5 18.7 18.9 19.1 19.0 19.3	19.1 19.1 19.2 19.2 19.2 19.5 19.4 19.3 19.2 19.5 19.2 19.3 19.6 19.8 19.8 19.8 19.8 20.0	20.8 20.5 21.1 21.0 21.2 20.8 20.9 20.3 20.0 20.2 20.3 19.9 20.1 19.7 19.7 19.7 19.7 19.9 25.2 21.1	AUGUST 19.0 19.1 19.0 19.1 19.2 18.8 17.7 17.3 17.6 18.3 18.9 18.7 18.8 18.7	19.8 19.6 19.7 19.8 19.9 19.9 19.6 18.9 18.7 18.9 19.2 19.3 19.2 19.2 19.1 19.1 19.2 19.9	SI 21.1 20.0 19.7 19.7 19.3 19.2 19.1 19.1 19.4 19.3 19.4 19.1 18.7 18.8 21.0 22.5 19.6 19.3 19.4	20.0 19.2 18.4 18.7 18.5 18.5 18.6 18.6 18.6 18.4 16.8 18.4 16.8 18.5 18.6 18.6	20.5 19.7 19.0 19.1 19.0 18.8 18.8 18.9 18.9 18.9 18.5 19.1 20.3 19.2 18.9
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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	20.0 20.1 20.2 20.0 20.1 20.1 20.6 20.5 20.1 20.0 20.4 20.7 20.7 20.5 20.5 19.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.9 20.7 20.2	JUNE 17.9 17.8 17.8 18.0 18.0 18.3 16.7 15.4 15.7 17.1 18.0 18.5 18.4 18.4 16.8 17.9 17.9 17.9 18.1 17.9 18.1 17.9 18.1 17.9 18.2 18.3 18.1 18.8 19.2	18.8 18.8 18.8 18.7 18.8 18.9 19.2 18.1 17.4 17.7 18.6 19.1 19.4 19.2 19.4 18.5 19.1 19.1 19.1 19.1 19.0 18.7 18.9 19.0 18.7 18.9 19.0 18.9 19.0 18.9 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19	20.2 20.2 20.3 20.2 20.0 20.7 20.4 20.0 20.1 20.3 21.0 21.0 20.8 20.8 20.8 20.6 21.2 20.8 20.2 25.1 21.8 23.3 20.1 20.9 20.8	JULY 18.4 18.4 18.5 18.5 18.7 18.6 18.6 18.6 18.9 18.5 18.7 19.0 19.3 19.2 19.2 19.3 18.9 18.9 18.9 18.9 18.9 18.9	19.1 19.1 19.2 19.2 19.2 19.5 19.4 19.3 19.2 19.5 19.2 19.3 19.6 19.8 19.8 20.0 19.8 20.0 19.9 19.5 20.3 20.2 20.8 19.3 19.5	20.8 20.5 21.1 21.0 21.2 20.8 20.9 20.3 20.0 20.2 20.3 19.9 20.1 19.7 19.7 19.7 19.7 19.9 25.2 21.1 19.7 19.9 20.0 20.2	AUGUST 19.0 19.1 19.0 19.1 19.2 18.8 17.7 17.3 17.6 18.3 18.9 18.7 18.8 18.7 18.8 18.7 19.1 19.1 19.1 19.0 19.0 18.8	19.8 19.6 19.7 19.8 19.9 19.9 19.6 18.9 18.7 18.9 19.2 19.3 19.2 19.1 19.1 19.2 19.9 19.7 19.1 19.5 19.5 19.5 19.5	21.1 20.0 19.7 19.7 19.3 19.2 19.1 19.1 19.4 19.3 19.4 19.1 18.7 18.8 21.0 22.5 19.6 19.3 19.4 19.3 19.4 19.3 19.4 19.3 19.4 19.3 19.4 19.3 19.4 19.3 19.4 19.3 19.4 19.3 19.4 19.3 19.4 19.3 19.4 19.3 19.4 19.5 19.6 19.3 19.4 19.3 19.4 19.3 19.4 19.3 19.4 19.3 19.4 19.5 19.6 19.6 19.6 19.6 19.6 19.6 19.6 19.6	20.0 19.2 18.4 18.7 18.5 18.5 18.6 18.6 18.6 18.4 16.8 18.4 16.8 18.4 16.8 18.5 18.6 18.6 18.6 18.6 18.6 18.7 18.6 18.6 18.7 18.7	20.5 19.7 19.0 19.1 19.0 18.8 18.8 18.9 18.9 18.9 18.9 18.5 19.1 20.3 19.2 18.9 18.9 18.9 18.9 18.9
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	20.0 20.1 20.2 20.0 20.1 20.6 20.5 20.1 20.0 20.4 20.7 20.0 21.2 20.5 19.9 20.7 20.9 20.7 20.9 20.7 20.7 20.7 20.7 20.7 20.7 20.7 20.7	JUNE 17.9 17.8 17.8 18.0 18.0 18.3 16.7 15.4 15.7 17.1 18.0 18.5 18.4 18.4 16.8 17.9 17.9 17.9 18.1 17.9 18.1 17.9 18.1 17.9 18.2 18.3 18.1 18.8	18.8 18.8 18.8 18.7 18.8 18.9 19.2 18.1 17.4 17.7 18.6 19.1 19.4 19.2 19.4 18.5 19.1 19.1 19.1 19.1 19.1 19.0 18.7 18.5 18.9 19.0 18.7 18.9 19.0 18.7 18.9 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19	20.2 20.2 20.3 20.2 20.0 20.7 20.4 20.0 20.1 20.3 21.0 21.0 20.8 20.8 20.8 20.6 21.2 20.8 20.2 25.1 21.8 23.3 20.1 20.9	JULY 18.4 18.4 18.5 18.5 18.7 18.6 18.6 18.6 18.9 18.5 18.7 18.9 19.1 19.0 19.3 19.2 19.3 18.9 18.9 18.9 18.9 18.9 18.9	19.1 19.1 19.2 19.2 19.2 19.5 19.4 19.3 19.5 19.5 19.8 19.8 20.0 19.8 20.0 19.9 19.5 20.3 20.2 20.8 19.5 19.6	20.8 20.5 21.1 21.0 21.2 20.8 20.9 20.3 20.0 20.2 20.3 19.9 20.1 19.7 19.7 19.7 19.7 19.9 25.2 21.1 19.7 19.9 20.0 20.2 19.9 20.1 19.7 19.7 19.7 19.7 19.7 19.7 19.7 19	AUGUST 19.0 19.1 19.0 19.0 19.1 19.2 18.8 17.7 17.3 17.6 18.3 18.9 18.7 18.8 18.7 18.8 18.9 19.1 19.1 19.1 19.1 19.1 19.0 19.0 18.8 18.8	19.8 19.6 19.7 19.8 19.9 19.9 19.6 18.9 18.7 18.9 19.2 19.2 19.1 19.2 19.2 19.1 19.2 19.9 19.7 19.1 19.5 19.5 19.5 19.5	SI 21.1 20.0 19.7 19.7 19.3 19.2 19.1 19.1 19.4 19.3 19.4 19.1 18.7 18.8 21.0 22.5 19.6 19.3 19.4 19.5 19.6 19.3 19.4 19.2 19.2 19.6 19	20.0 19.2 18.4 18.7 18.5 18.5 18.6 18.6 18.6 18.4 16.8 18.4 16.8 18.7 18.6 18.6 18.6 18.6 18.7 18.6 18.6 18.7 18.6 18.7	20.5 19.7 19.0 19.1 19.0 18.8 18.8 18.9 18.9 18.5 19.1 20.3 19.2 18.9 18.9 18.9 18.9 18.9 18.9
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	20.0 20.1 20.2 20.0 20.1 20.6 20.5 20.1 20.0 20.4 20.7 20.0 21.2 20.5 19.9 20.7 20.7 20.7 20.8 20.7	JUNE 17.9 17.9 17.8 17.8 17.8 18.0 18.0 18.3 16.7 15.4 15.7 17.1 18.0 18.5 18.4 18.4 16.8 17.9 17.9 17.9 18.1 17.9 18.1 17.9 18.2 18.3 18.1 18.8 19.2 18.4	18.8 18.8 18.8 18.7 18.8 18.9 19.2 18.1 17.4 17.7 18.6 19.1 19.4 19.2 19.4 18.5 19.1 19.1 19.1 19.1 19.1 19.1 19.1 19	20.2 20.2 20.3 20.2 20.0 20.7 20.4 20.0 20.1 20.3 21.0 21.0 20.8 20.8 20.8 20.6 21.2 20.8 20.2 25.1 21.8 23.3 20.1 20.9 20.8	JULY 18.4 18.4 18.5 18.5 18.7 18.6 18.6 18.6 18.9 18.5 18.7 19.0 19.3 19.2 19.2 19.3 18.9 18.9 18.9 18.9 18.9 18.9	19.1 19.1 19.2 19.2 19.2 19.5 19.4 19.3 19.2 19.5 19.2 19.3 19.6 19.8 19.8 20.0 19.8 20.0 19.9 19.5 20.3 20.2 20.8 19.3 19.5	20.8 20.5 21.1 21.0 21.2 20.8 20.9 20.3 20.0 20.2 20.3 19.9 20.1 19.7 19.7 19.7 19.7 19.9 25.2 21.1 19.7 19.9 20.0 20.2	AUGUST 19.0 19.1 19.0 19.1 19.2 18.8 17.7 17.3 17.6 18.3 18.9 18.7 18.8 18.7 18.8 18.7 19.1 19.1 19.1 19.0 19.0 18.8	19.8 19.6 19.7 19.8 19.9 19.9 19.6 18.9 18.7 18.9 19.2 19.3 19.2 19.1 19.1 19.2 19.9 19.7 19.1 19.5 19.5 19.5 19.5	21.1 20.0 19.7 19.7 19.3 19.2 19.1 19.1 19.4 19.3 19.4 19.1 18.7 18.8 21.0 22.5 19.6 19.3 19.4 19.3 19.4 19.3 19.4 19.3 19.4 19.3 19.4 19.3 19.4 19.3 19.4 19.3 19.4 19.3 19.4 19.3 19.4 19.3 19.4 19.3 19.4 19.5 19.6 19.3 19.4 19.3 19.4 19.3 19.4 19.3 19.4 19.3 19.4 19.5 19.6 19.6 19.6 19.6 19.6 19.6 19.6 19.6	20.0 19.2 18.4 18.7 18.7 18.5 18.5 18.6 18.6 18.6 18.4 16.8 18.4 16.8 18.4 16.8 18.4 18.5 18.6 18.6 18.6 18.6 18.6 18.6 18.6 18.7 18.5 18.5	20.5 19.7 19.0 19.1 19.0 18.8 18.8 18.9 18.9 18.9 18.9 18.5 19.1 20.3 19.2 18.9 18.9 18.9 18.9 18.9 18.9

0208762750 UNNAMED TRIB TO SWIFT CREEK NEAR YATES MILL POND, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER WATER YEAR APRIL TO SEPTEMBER 2002

				WAI	EK IEAK	AFRIL 103	EFIEWIDEK	2002				
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUAR	Y		MARCH			APRIL			MAY	
1										6.9	5.1	6.1
2												
3 4										7.1 6.9	4.4 5.9	6.0 6.4
5										7.4	6.3	6.8
6										7.2	4.9	6.5
7										6.4	3.0	5.4
8 9										6.2 5.2	3.6 2.2	5.2 4.1
10							8.9	6.8	7.8	4.2	2.0	3.3
11							9.4	6.8	7.9	7.3	3.7	6.1
12							9.0	6.6	7.5	6.2	3.2	5.1
13 14							8.7 8.2	6.3 6.0	7.4 7.0	6.1 7.0	2.6 3.6	4.3 6.0
15							8.2	5.7	6.7	7.1	4.9	6.4
16							7.9	5.9	6.7	7.3	5.0	6.5
17 18							7.6 7.3	5.8 5.8	6.6	5.6 7.8	3.1 2.7	4.5 5.5
19							7.3	5.5	6.4 6.2	9.5	7.2	8.3
20							6.9	5.7	6.2	9.0	7.6	8.2
21							6.9	5.7	6.2	9.6	7.6	8.5
22 23							7.2 7.8	5.6 6.2	6.5 7.0	9.0 9.1	7.7 6.5	8.3 8.0
24							8.5	6.7	7.5	8.6	6.6	7.4
25							7.7	6.3	6.9	7.8	4.4	6.7
26							8.5	6.4	7.2	7.6	4.3	6.1
27 28							8.3 6.6	4.8 4.3	6.9 5.7	6.8 6.4	2.4 2.4	5.2 4.8
29							6.2	2.8	4.9	5.4	3.1	4.2
30 31							7.3	5.5	6.4	5.3 5.7	2.2 2.1	3.8 4.4
												4.4
MONTH												
MONTH		JUNE			JULY			 AUGUST			 EPTEMBI	
1	5.0	JUNE 2.1	3.8	5.7	JULY 0.9	2.7	3.9	AUGUST	2.1	SI 6.8	ЕРТЕМВІ 5.7	ER 6.2
1 2	5.0 5.5	JUNE 2.1 1.9	3.8 3.9	5.7 5.5	JULY 0.9 0.9	2.7 2.5	3.9 5.2	AUGUST 1.1 1.1	2.1 2.7	6.8 5.8	5.7 3.4	ER 6.2 5.5
1 2 3 4	5.0 5.5 5.0 5.5	JUNE 2.1 1.9 1.4 1.5	3.8 3.9 2.9 3.3	5.7 5.5 4.0 3.4	JULY 0.9 0.9 1.0 1.0	2.7 2.5 2.1 2.0	3.9 5.2 6.3 10.3	1.1 1.1 1.2 1.3	2.1 2.7 3.2 3.7	5.8 5.8 4.6 1.7	5.7 3.4 0.4 0.2	6.2 5.5 2.7 0.6
1 2 3	5.0 5.5 5.0	JUNE 2.1 1.9 1.4	3.8 3.9 2.9	5.7 5.5 4.0	JULY 0.9 0.9 1.0	2.7 2.5 2.1	3.9 5.2 6.3	AUGUST 1.1 1.1 1.2	2.1 2.7 3.2	6.8 5.8 4.6	5.7 3.4 0.4	6.2 5.5 2.7
1 2 3 4 5	5.0 5.5 5.0 5.5 4.8 4.2	JUNE 2.1 1.9 1.4 1.5 0.9 0.7	3.8 3.9 2.9 3.3 2.4 2.1	5.7 5.5 4.0 3.4 2.6	JULY 0.9 0.9 1.0 1.0 1.1	2.7 2.5 2.1 2.0 1.7	3.9 5.2 6.3 10.3 12.0	1.1 1.1 1.2 1.3 1.4 1.6	2.1 2.7 3.2 3.7 5.4 7.2	6.8 5.8 4.6 1.7 0.9	5.7 3.4 0.4 0.2 0.1	6.2 5.5 2.7 0.6 0.4 0.6
1 2 3 4 5	5.0 5.5 5.0 5.5 4.8 4.2 5.2	JUNE 2.1 1.9 1.4 1.5 0.9 0.7 1.8	3.8 3.9 2.9 3.3 2.4	5.7 5.5 4.0 3.4 2.6	JULY 0.9 0.9 1.0 1.1	2.7 2.5 2.1 2.0 1.7	3.9 5.2 6.3 10.3 12.0 18.2 13.4	1.1 1.1 1.2 1.3 1.4 1.6 1.7	2.1 2.7 3.2 3.7 5.4	5.8 5.8 4.6 1.7 0.9	5.7 3.4 0.4 0.2 0.1	6.2 5.5 2.7 0.6 0.4 0.6 0.5
1 2 3 4 5 6 7 8 9	5.0 5.5 5.0 5.5 4.8 4.2 5.2 6.5 6.8	JUNE 2.1 1.9 1.4 1.5 0.9 0.7 1.8 2.9 4.5	3.8 3.9 2.9 3.3 2.4 2.1 3.2 4.6 5.7	5.7 5.5 4.0 3.4 2.6 2.6 2.5	JULY 0.9 0.9 1.0 1.0 1.1 1.1 0.2	2.7 2.5 2.1 2.0 1.7 1.7 1.6 	3.9 5.2 6.3 10.3 12.0 18.2 13.4 13.3 16.0	1.1 1.1 1.2 1.3 1.4 1.6 1.7 2.4 2.5	2.1 2.7 3.2 3.7 5.4 7.2 5.5 6.4 7.5	6.8 5.8 4.6 1.7 0.9 1.3 0.9 1.1 1.2	5.7 3.4 0.4 0.2 0.1 0.2 0.2 0.1 0.2	6.2 5.5 2.7 0.6 0.4 0.6 0.5 0.5
1 2 3 4 5 6 7 8	5.0 5.5 5.0 5.5 4.8 4.2 5.2 6.5 6.8	JUNE 2.1 1.9 1.4 1.5 0.9 0.7 1.8 2.9 4.5 4.4	3.8 3.9 2.9 3.3 2.4 2.1 3.2 4.6 5.7 5.7	5.7 5.5 4.0 3.4 2.6 2.5	JULY 0.9 0.9 1.0 1.0 1.1 1.1 1.1	2.7 2.5 2.1 2.0 1.7 1.7	3.9 5.2 6.3 10.3 12.0 18.2 13.4 13.3 16.0 15.0	1.1 1.1 1.2 1.3 1.4 1.6 1.7 2.4 2.5 2.9	2.1 2.7 3.2 3.7 5.4 7.2 5.5 6.4 7.5 6.8	6.8 5.8 4.6 1.7 0.9 1.3 0.9 1.1 1.2	5.7 3.4 0.4 0.2 0.1 0.2 0.2 0.1 0.2 0.2	6.2 5.5 2.7 0.6 0.4 0.5 0.5 0.5 0.5
1 2 3 4 5 6 7 8 9 10	5.0 5.5 5.0 5.5 4.8 4.2 5.2 6.5 6.8 6.5	JUNE 2.1 1.9 1.4 1.5 0.9 0.7 1.8 2.9 4.5 4.4 2.0	3.8 3.9 2.9 3.3 2.4 2.1 3.2 4.6 5.7 5.7	5.7 5.5 4.0 3.4 2.6 2.6 2.5 0.4 0.5	JULY 0.9 0.9 1.0 1.1 1.1 1.1 0.2 0.3	2.7 2.5 2.1 2.0 1.7 1.7 1.6 0.3 0.4	3.9 5.2 6.3 10.3 12.0 18.2 13.4 13.3 16.0 15.0	1.1 1.1 1.2 1.3 1.4 1.6 1.7 2.4 2.5 2.9	2.1 2.7 3.2 3.7 5.4 7.2 5.5 6.4 7.5 6.8 5.0	6.8 5.8 4.6 1.7 0.9 1.3 0.9 1.1 1.2 1.2	5.7 3.4 0.4 0.2 0.1 0.2 0.2 0.1 0.2 0.2 0.2	6.2 5.5 2.7 0.6 0.4 0.5 0.5 0.5 0.5
1 2 3 4 5 6 7 8 9 10	5.0 5.5 5.0 5.5 4.8 4.2 5.2 6.5 6.8 6.5 5.4 5.3 5.1	JUNE 2.1 1.9 1.4 1.5 0.9 0.7 1.8 2.9 4.5 4.4	3.8 3.9 2.9 3.3 2.4 2.1 3.2 4.6 5.7 5.7 4.0 3.3 3.3	5.7 5.5 4.0 3.4 2.6 2.6 2.5 0.4 0.5	JULY 0.9 0.9 1.0 1.0 1.1 1.1 2.1 2.2 0.3 1.1	2.7 2.5 2.1 2.0 1.7 1.6 0.3 0.4	3.9 5.2 6.3 10.3 12.0 18.2 13.4 13.3 16.0 15.0 9.6 7.6 5.7	1.1 1.1 1.2 1.3 1.4 1.6 1.7 2.4 2.5 2.9 2.7 2.0 0.6	2.1 2.7 3.2 3.7 5.4 7.2 5.5 6.4 7.5 6.8	6.8 5.8 4.6 1.7 0.9 1.3 0.9 1.1 1.2 1.2	5.7 3.4 0.4 0.2 0.1 0.2 0.2 0.1 0.2 0.2	6.2 5.5 2.7 0.6 0.4 0.6 0.5 0.5 0.5 0.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14	5.0 5.5 5.0 5.5 4.8 4.2 6.5 6.8 6.5 5.4 5.3 5.1	JUNE 2.1 1.9 1.4 1.5 0.9 0.7 1.8 2.9 4.5 4.4 2.0 1.3 1.0 1.0	3.8 3.9 2.9 3.3 2.4 2.1 3.2 4.6 5.7 5.7 4.0 3.3 3.3 2.9	5.7 5.5 4.0 3.4 2.6 2.6 2.5 0.4 0.5	JULY 0.9 0.9 1.0 1.0 1.1 1.1 1.1 0.2 0.3 1.1 1.1	2.7 2.5 2.1 2.0 1.7 1.6 0.3 0.4	3.9 5.2 6.3 10.3 12.0 18.2 13.4 13.3 16.0 15.0 9.6 7.6 5.7 2.8	1.1 1.1 1.2 1.3 1.4 1.6 1.7 2.4 2.5 2.9 2.7 2.0 0.6 0.4	2.1 2.7 3.2 3.7 5.4 7.2 5.5 6.4 7.5 6.8 5.0 3.9 2.5 1.4	6.8 5.8 4.6 1.7 0.9 1.3 0.9 1.1 1.2 1.2 1.4 1.3 6.2 1.1	5.7 3.4 0.4 0.2 0.1 0.2 0.2 0.1 0.2 0.2 0.2 0.2 0.2	6.2 5.5 2.7 0.6 0.4 0.5 0.5 0.5 0.5 0.6 0.6 3.7
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	5.0 5.5 5.0 5.5 4.8 4.2 5.2 6.5 6.8 6.5 5.4 5.3 5.1 5.5 6.1	JUNE 2.1 1.9 1.4 1.5 0.9 0.7 1.8 2.9 4.5 4.4 2.0 1.3 1.0 0.8	3.8 3.9 2.9 3.3 2.4 2.1 3.2 4.6 5.7 5.7 4.0 3.3 3.3 2.9 3.3	5.7 5.5 4.0 3.4 2.6 2.6 2.5 0.4 0.5	JULY 0.9 0.9 1.0 1.0 1.1 1.1 1.1 0.2 0.3 1.1 1.1 1.2	2.7 2.5 2.1 2.0 1.7 1.7 1.6 0.3 0.4 1.6 1.6 1.9	3.9 5.2 6.3 10.3 12.0 18.2 13.4 13.3 16.0 15.0 9.6 7.6 5.7 2.8 2.5	1.1 1.1 1.2 1.3 1.4 1.6 1.7 2.4 2.5 2.9 2.7 2.0 0.6 0.4 0.2	2.1 2.7 3.2 3.7 5.4 7.2 5.5 6.4 7.5 6.8 5.0 3.9 2.5 1.4 1.0	5.8 5.8 4.6 1.7 0.9 1.3 0.9 1.1 1.2 1.2 1.2 1.4 1.3 6.2 1.1 6.2	5.7 3.4 0.4 0.2 0.1 0.2 0.2 0.1 0.2 0.2 0.2 0.2 0.2 0.3 0.4 0.3	6.2 5.5 2.7 0.6 0.4 0.6 0.5 0.5 0.5 0.5 0.6 3.7 0.7 1.8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	5.0 5.5 5.0 5.5 4.8 4.2 5.2 6.5 6.8 6.5 5.4 5.3 5.1 5.5 6.1	JUNE 2.1 1.9 1.4 1.5 0.9 0.7 1.8 2.9 4.5 4.4 2.0 1.3 1.0 0.8 3.8	3.8 3.9 2.9 3.3 2.4 2.1 3.2 4.6 5.7 5.7 4.0 3.3 3.3 2.9 3.3	5.7 5.5 4.0 3.4 2.6 2.6 2.5 0.4 0.5	JULY 0.9 0.9 1.0 1.0 1.1 1.1 1.1 0.2 0.3 1.1 1.1 1.2 1.3	2.7 2.5 2.1 2.0 1.7 1.6 0.3 0.4 1.6 1.6 1.9 2.0	3.9 5.2 6.3 10.3 12.0 18.2 13.4 13.3 16.0 15.0 9.6 7.6 5.7 2.8 2.5	1.1 1.1 1.2 1.3 1.4 1.6 1.7 2.4 2.5 2.9 2.7 2.0 0.6 0.4 0.2	2.1 2.7 3.2 3.7 5.4 7.2 5.5 6.4 7.5 6.8 5.0 3.9 2.5 1.4 1.0	6.8 5.8 4.6 1.7 0.9 1.3 0.9 1.1 1.2 1.2 1.2 1.4 1.3 6.2 1.1 6.2	5.7 3.4 0.4 0.2 0.1 0.2 0.2 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.3 0.4 0.3	6.2 5.5 2.7 0.6 0.4 0.5 0.5 0.5 0.5 0.6 3.7 0.7 1.8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	5.0 5.5 5.0 5.5 4.8 4.2 5.2 6.5 6.8 6.5 5.4 5.3 5.1 5.5 6.1 7.6 8.3 14.2	JUNE 2.1 1.9 1.4 1.5 0.9 0.7 1.8 2.9 4.5 4.4 2.0 1.3 1.0 0.8 3.8 3.7 3.2	3.8 3.9 2.9 3.3 2.4 2.1 3.2 4.6 5.7 5.7 4.0 3.3 3.3 2.9 3.3	5.7 5.5 4.0 3.4 2.6 2.6 2.5 0.4 0.5 2.3 2.6 3.1 3.1 3.1 3.5	JULY 0.9 0.9 1.0 1.0 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.2 1.3 1.5 1.6	2.7 2.5 2.1 2.0 1.7 1.7 1.6 0.3 0.4 1.6 1.9 2.0 2.1 2.2	3.9 5.2 6.3 10.3 12.0 18.2 13.4 13.3 16.0 15.0 9.6 7.6 5.7 2.8 2.5 2.2 1.4 6.0	1.1 1.1 1.2 1.3 1.4 1.6 1.7 2.4 2.5 2.9 2.7 2.0 0.6 0.4 0.2 0.2 0.2	2.1 2.7 3.2 3.7 5.4 7.2 5.5 6.4 7.5 6.8 5.0 3.9 2.5 1.4 1.0 0.8 0.5 1.4	6.8 5.8 4.6 1.7 0.9 1.3 0.9 1.1 1.2 1.2 1.4 1.3 6.2 1.1 6.2 6.8 2.3 1.4	5.7 3.4 0.4 0.2 0.1 0.2 0.2 0.1 0.2 0.2 0.2 0.2 0.3 0.4 0.3	6.2 5.5 2.7 0.6 0.4 0.5 0.5 0.5 0.5 0.5 1.8 3.6 1.2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	5.0 5.5 5.0 5.5 4.8 4.2 5.2 6.5 6.8 6.5 5.4 5.3 5.1 5.5 6.1 7.6 8.3 14.2 12.6	JUNE 2.1 1.9 1.4 1.5 0.9 0.7 1.8 2.9 4.5 4.4 2.0 1.3 1.0 0.8 3.8 3.7 3.2 3.9	3.8 3.9 2.9 3.3 2.4 2.1 3.2 4.6 5.7 5.7 4.0 3.3 3.3 2.9 3.3 5.4 5.3 6.9 7.0	5.7 5.5 4.0 3.4 2.6 2.6 2.5 0.4 0.5 2.3 2.6 3.1 3.1 3.5 3.8	JULY 0.9 0.9 1.0 1.0 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.2 0.2 1.3 1.5 1.6 1.8	2.7 2.5 2.1 2.0 1.7 1.7 1.6 0.3 0.4 1.6 1.6 1.9 2.0 2.1 2.2 2.3	3.9 5.2 6.3 10.3 12.0 18.2 13.4 13.3 16.0 15.0 9.6 7.6 5.7 2.8 2.5 2.2 1.4 6.0 4.4	1.1 1.1 1.2 1.3 1.4 1.6 1.7 2.4 2.5 2.9 2.7 2.0 0.6 0.4 0.2 0.2 0.2	2.1 2.7 3.2 3.7 5.4 7.2 5.5 6.4 7.5 6.8 5.0 3.9 2.5 1.4 1.0 0.8 0.5 1.4 1.2	SI 6.8 5.8 4.6 1.7 0.9 1.3 0.9 1.1 1.2 1.2 1.4 1.3 6.2 1.1 6.2 6.8 2.3 1.4 1.6	5.7 3.4 0.4 0.2 0.1 0.2 0.2 0.1 0.2 0.2 0.2 0.2 0.3 0.4 0.3 0.3 0.3	6.2 5.5 2.7 0.6 0.4 0.6 0.5 0.5 0.5 0.5 0.7 1.8 3.6 1.2 0.6 0.8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	5.0 5.5 5.5 4.8 4.2 5.2 6.5 6.8 6.5 5.4 5.3 5.1 7.6 8.3 14.2 12.6 19.5	JUNE 2.1 1.9 1.4 1.5 0.9 0.7 1.8 2.9 4.5 4.4 2.0 1.3 1.0 0.8 3.8 3.7 3.2 3.9 0.8	3.8 3.9 2.9 3.3 2.4 2.1 3.2 4.6 5.7 5.7 4.0 3.3 3.3 2.9 3.3 5.4 5.3 6.9 7.0 7.4	5.7 5.5 4.0 3.4 2.6 2.6 2.5 0.4 0.5 2.3 2.6 3.1 3.1 3.5 3.8 3.7	JULY 0.9 0.9 1.0 1.0 1.1 1.1 1.1 1.1 1.1 1.1 1.2 1.3 1.5 1.6 1.8 1.9	2.7 2.5 2.1 2.0 1.7 1.6 0.3 0.4 1.6 1.6 1.9 2.0 2.1 2.2 2.3 2.3	3.9 5.2 6.3 10.3 12.0 18.2 13.4 13.3 16.0 15.0 9.6 7.6 5.7 2.8 2.5 2.2 1.4 6.0 4.4 1.1	1.1 1.1 1.2 1.3 1.4 1.6 1.7 2.4 2.5 2.9 2.7 2.0 0.6 0.4 0.2 0.2 0.1 0.2 0.1	2.1 2.7 3.2 3.7 5.4 7.2 5.5 6.4 7.5 6.8 5.0 3.9 2.5 1.4 1.0 0.8 0.5 1.4 1.2 0.4	6.8 5.8 4.6 1.7 0.9 1.3 0.9 1.1 1.2 1.2 1.4 1.3 6.2 1.1 6.2 6.8 2.3 1.4 1.6 1.5	5.7 3.4 0.4 0.2 0.1 0.2 0.2 0.1 0.2 0.2 0.2 0.2 0.3 0.4 0.3 0.3 0.4	6.2 5.5 2.7 0.6 0.4 0.5 0.5 0.5 0.5 0.6 0.6 3.7 0.7 1.8 3.6 1.2 0.6 0.8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	5.0 5.5 5.5 5.5 4.8 4.2 5.2 6.5 6.8 6.5 5.4 5.3 5.1 5.5 6.1 7.6 8.3 14.2 12.6 19.5	JUNE 2.1 1.9 1.4 1.5 0.9 0.7 1.8 2.9 4.5 4.4 2.0 1.3 1.0 0.8 3.8 3.7 3.2 3.9 0.8 1.0	3.8 3.9 2.9 3.3 2.4 2.1 3.2 4.6 5.7 5.7 4.0 3.3 3.3 2.9 3.3 5.4 5.3 6.9 7.0 7.4	5.7 5.5 4.0 3.4 2.6 2.6 2.5 0.4 0.5 2.3 2.6 3.1 3.1 3.5 3.8 3.7 4.1	JULY 0.9 0.9 1.0 1.0 1.1 1.1 1.1 1.1 1.1 1.1 1.2 0.2 1.3 1.5 1.6 1.8 1.9 2.1	2.7 2.5 2.1 2.0 1.7 1.7 1.6 0.3 0.4 1.6 1.9 2.0 2.1 2.2 2.3 2.3 2.8	3.9 5.2 6.3 10.3 12.0 18.2 13.4 13.3 16.0 15.0 9.6 7.6 5.7 2.8 2.5 2.2 1.4 6.0 4.4 1.1	1.1 1.1 1.2 1.3 1.4 1.6 1.7 2.4 2.5 2.9 2.7 2.0 0.6 0.4 0.2 0.2 0.2 0.1 0.2	2.1 2.7 3.2 3.7 5.4 7.2 5.5 6.4 7.5 6.8 5.0 3.9 2.5 1.4 1.0 0.8 0.5 1.4 1.2 0.4	6.8 5.8 4.6 1.7 0.9 1.3 0.9 1.1 1.2 1.2 1.2 1.4 1.3 6.2 1.1 6.2 6.8 2.3 1.4 1.6 1.5	5.7 3.4 0.4 0.2 0.1 0.2 0.2 0.1 0.2 0.2 0.2 0.2 0.3 0.4 0.3 0.3 0.4 0.3	6.2 5.5 2.7 0.6 0.4 0.5 0.5 0.5 0.5 0.5 0.6 0.6 3.7 0.7 1.8 3.6 1.2 0.6 0.8 0.7
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	5.0 5.5 5.0 5.5 4.8 4.2 5.2 6.5 6.8 6.5 5.4 5.3 5.1 7.6 8.3 14.2 12.6 19.5	JUNE 2.1 1.9 1.4 1.5 0.9 0.7 1.8 2.9 4.5 4.4 2.0 1.3 1.0 0.8 3.8 3.7 3.2 3.9 0.8 1.0 0.7	3.8 3.9 2.9 3.3 2.4 2.1 3.2 4.6 5.7 5.7 4.0 3.3 3.3 2.9 3.3 5.4 5.3 6.9 7.0 7.4	5.7 5.5 4.0 3.4 2.6 2.6 2.5 0.4 0.5 2.3 2.6 3.1 3.1 3.5 3.8 3.7 4.1 4.0 3.3	JULY 0.9 0.9 1.0 1.0 1.1 1.1 1.1 1.1 1.1 1.1 1.2 1.3 1.5 1.6 1.8 1.9 2.1 2.2 0.7	2.7 2.5 2.1 2.0 1.7 1.6 0.3 0.4 1.6 1.9 2.0 2.1 2.2 2.3 2.3 2.8 2.6 1.8	3.9 5.2 6.3 10.3 12.0 18.2 13.4 13.3 16.0 15.0 9.6 7.6 5.7 2.8 2.5 2.2 1.4 6.0 4.4 1.1	AUGUST 1.1 1.1 1.2 1.3 1.4 1.6 1.7 2.4 2.5 2.9 2.7 2.0 0.6 0.4 0.2 0.2 0.1 0.2 0.1 0.1 0.1 0.1 0.1	2.1 2.7 3.2 3.7 5.4 7.2 5.5 6.4 7.5 6.8 5.0 3.9 2.5 1.4 1.0 0.8 0.5 1.4 1.2 0.4 0.4 0.7	6.8 5.8 4.6 1.7 0.9 1.3 0.9 1.1 1.2 1.2 1.4 1.3 6.2 1.1 6.2 6.8 2.3 1.4 1.5 1.5 1.1 0.8 2.1	5.7 3.4 0.4 0.2 0.1 0.2 0.2 0.1 0.2 0.2 0.2 0.2 0.3 0.4 0.3 0.4 0.3 0.4 0.3	6.2 5.5 2.7 0.6 0.4 0.5 0.5 0.5 0.5 0.6 0.6 3.7 0.7 1.8 3.6 1.2 0.6 0.8 0.7
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	5.0 5.5 5.0 5.5 4.8 4.2 5.2 6.5 6.8 6.5 5.4 5.3 5.1 5.5 6.1 7.6 8.3 14.2 12.6 19.5 15.1 15.1 118.7	JUNE 2.1 1.9 1.4 1.5 0.9 0.7 1.8 2.9 4.5 4.4 2.0 1.3 1.0 0.8 3.8 3.7 3.2 3.9 0.8 1.0 0.7 0.8 0.8	3.8 3.9 2.9 3.3 2.4 2.1 3.2 4.6 5.7 5.7 4.0 3.3 3.3 2.9 3.3 5.4 5.3 6.9 7.0 7.4 6.0 5.8 5.3 6.2	5.7 5.5 4.0 3.4 2.6 2.6 2.5 0.4 0.5 2.3 2.6 3.1 3.1 3.5 3.8 3.7 4.1 4.0 3.3 8.2	JULY 0.9 0.9 1.0 1.0 1.1 1.1 1.1 1.1 1.1 1.1 1.2 1.3 1.5 1.6 1.8 1.9 2.1 2.2 0.7 0.7	2.7 2.5 2.1 2.0 1.7 1.6 0.3 0.4 1.6 1.6 1.9 2.0 2.1 2.2 2.3 2.3 2.8 2.6 1.8 2.8	3.9 5.2 6.3 10.3 12.0 18.2 13.4 13.3 16.0 15.0 9.6 7.6 5.7 2.8 2.5 2.2 1.4 6.0 4.4 1.1 1.3 1.3 2.0 1.4	AUGUST 1.1 1.1 1.2 1.3 1.4 1.6 1.7 2.4 2.5 2.9 2.7 2.0 0.6 0.4 0.2 0.2 0.1 0.2 0.1 0.1 0.1 0.1 0.1 0.2	2.1 2.7 3.2 3.7 5.4 7.2 5.5 6.4 7.5 6.8 5.0 3.9 2.5 1.4 1.0 0.8 0.5 1.4 1.2 0.4 0.4 0.7 0.7	6.8 5.8 4.6 1.7 0.9 1.3 0.9 1.1 1.2 1.2 1.4 1.3 6.2 1.1 6.2 6.8 2.3 1.4 1.6 1.5 1.1 0.8 2.1 2.9	5.7 3.4 0.4 0.2 0.1 0.2 0.2 0.1 0.2 0.2 0.2 0.2 0.3 0.4 0.3 0.4 0.3 0.4 0.4 0.4 0.4	6.2 5.5 2.7 0.6 0.4 0.6 0.5 0.5 0.5 0.5 0.6 0.6 3.7 0.7 1.8 3.6 1.2 0.6 0.8 0.7
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	5.0 5.5 5.0 5.5 4.8 4.2 5.2 6.5 6.8 6.5 5.4 5.3 5.1 5.5 6.1 7.6 8.3 14.2 12.6 19.5 15.1 15.4 15.1 18.7 17.2	JUNE 2.1 1.9 1.4 1.5 0.9 0.7 1.8 2.9 4.5 4.4 2.0 1.3 1.0 0.8 3.8 3.7 3.2 3.9 0.8 1.0 0.7 0.8 0.8 1.0	3.8 3.9 2.9 3.3 2.4 2.1 3.2 4.6 5.7 5.7 4.0 3.3 3.3 2.9 3.3 5.4 5.3 6.9 7.4 6.0 5.8 5.3 6.2 5.4	5.7 5.5 4.0 3.4 2.6 2.6 2.5 0.4 0.5 2.3 2.6 3.1 3.1 3.1 3.5 3.8 3.7 4.1 4.0 3.3 8.2 6.9	JULY 0.9 0.9 1.0 1.0 1.1 1.1 1.1 1.1 1.1 1.2 1.3 1.5 1.6 1.8 1.9 2.1 2.2 0.7 0.7 1.3	2.7 2.5 2.1 2.0 1.7 1.6 0.3 0.4 1.6 1.9 2.0 2.1 2.2 2.3 2.3 2.8 2.6 1.8 2.8 2.9	3.9 5.2 6.3 10.3 12.0 18.2 13.4 13.3 16.0 15.0 9.6 7.6 5.7 2.8 2.5 2.2 1.4 6.0 4.4 1.1 1.3 1.3 2.0 1.4 1.5	AUGUST 1.1 1.1 1.2 1.3 1.4 1.6 1.7 2.4 2.5 2.9 2.7 2.0 0.6 0.4 0.2 0.2 0.1 0.2 0.1 0.1 0.1 0.1 0.2 0.1	2.1 2.7 3.2 3.7 5.4 7.2 5.5 6.4 7.5 6.8 5.0 3.9 2.5 1.4 1.0 0.8 0.5 1.4 1.2 0.4 0.4 0.7 0.7 0.6	6.8 5.8 4.6 1.7 0.9 1.3 0.9 1.1 1.2 1.2 1.4 1.3 6.2 1.1 6.2 6.8 2.3 1.4 1.6 1.5 1.1 0.8 2.1 2.9 3.3	5.7 3.4 0.4 0.2 0.1 0.2 0.2 0.1 0.2 0.2 0.2 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3	6.2 5.5 2.7 0.6 0.4 0.5 0.5 0.5 0.5 0.5 0.6 3.7 0.7 1.8 3.6 1.2 0.6 0.8 0.7
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	5.0 5.5 5.0 5.5 4.8 4.2 5.2 6.5 6.8 6.5 5.4 5.3 5.1 5.5 6.1 7.6 8.3 14.2 12.6 19.5 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 16.5 17.6	JUNE 2.1 1.9 1.4 1.5 0.9 0.7 1.8 2.9 4.5 4.4 2.0 1.3 1.0 0.8 3.8 3.7 3.2 3.9 0.8 1.0 0.7 0.8 0.8	3.8 3.9 2.9 3.3 2.4 2.1 3.2 4.6 5.7 5.7 4.0 3.3 3.3 2.9 3.3 5.4 5.3 6.9 7.0 7.4 6.0 5.8 5.3 6.2 5.4	5.7 5.5 4.0 3.4 2.6 2.6 2.5 0.4 0.5 2.3 2.6 3.1 3.1 3.5 3.8 3.7 4.1 4.0 3.3 8.2	JULY 0.9 0.9 1.0 1.0 1.1 1.1 1.1 1.1 1.1 1.1 1.2 1.3 1.5 1.6 1.8 1.9 2.1 2.2 0.7 0.7	2.7 2.5 2.1 2.0 1.7 1.6 0.3 0.4 1.6 1.6 1.9 2.0 2.1 2.2 2.3 2.3 2.8 2.6 1.8 2.8	3.9 5.2 6.3 10.3 12.0 18.2 13.4 13.3 16.0 15.0 9.6 7.6 5.7 2.8 2.5 2.2 1.4 6.0 4.4 1.1 1.3 1.3 2.0 1.4 1.5	AUGUST 1.1 1.1 1.2 1.3 1.4 1.6 1.7 2.4 2.5 2.9 2.7 2.0 0.6 0.4 0.2 0.2 0.1 0.2 0.1 0.1 0.1 0.1 0.1 0.2	2.1 2.7 3.2 3.7 5.4 7.2 5.5 6.4 7.5 6.8 5.0 3.9 2.5 1.4 1.0 0.8 0.5 1.4 1.2 0.4 0.4 0.7 0.7	6.8 5.8 4.6 1.7 0.9 1.3 0.9 1.1 1.2 1.2 1.4 1.3 6.2 1.1 6.2 6.8 2.3 1.4 1.6 1.5 1.1 0.8 2.1 2.9	5.7 3.4 0.4 0.2 0.1 0.2 0.2 0.1 0.2 0.2 0.2 0.2 0.3 0.4 0.3 0.4 0.3 0.4 0.4 0.4 0.4	6.2 5.5 2.7 0.6 0.4 0.6 0.5 0.5 0.5 0.5 0.6 0.6 3.7 0.7 1.8 3.6 1.2 0.6 0.8 0.7
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	5.0 5.5 5.0 5.5 4.8 4.2 5.2 6.5 6.8 6.5 5.4 5.3 5.1 5.5 6.1 7.6 8.3 14.2 12.6 19.5 15.1 15.4 15.1 15.4 15.1 16.4 17.2 13.5 6.4	JUNE 2.1 1.9 1.4 1.5 0.9 0.7 1.8 2.9 4.5 4.4 2.0 1.3 1.0 0.8 3.8 3.7 3.2 3.9 0.8 1.0 0.7 0.8 0.8 1.0 0.7 0.8 0.8 1.0	3.8 3.9 2.9 3.3 2.4 2.1 3.2 4.6 5.7 5.7 4.0 3.3 3.3 2.9 3.3 5.4 5.3 6.9 7.0 7.4 6.0 5.8 5.3 6.2 5.4	5.7 5.5 4.0 3.4 2.6 2.6 2.5 0.4 0.5 2.3 2.6 3.1 3.1 3.5 3.8 3.7 4.1 4.0 3.3 8.2 6.9 7.8 2.4 3.3	JULY 0.9 0.9 1.0 1.1 1.1 1.1 1.1 1.1 1.1 1.2 1.3 1.5 1.6 1.8 1.9 2.1 2.2 0.7 0.7 1.3 0.8 0.7 0.8	2.7 2.5 2.1 2.0 1.7 1.6 0.3 0.4 1.6 1.6 1.9 2.0 2.1 2.2 2.3 2.3 2.8 2.6 1.8 2.8 2.9 4.7 1.3 1.5	3.9 5.2 6.3 10.3 12.0 18.2 13.4 13.3 16.0 15.0 9.6 7.6 5.7 2.8 2.5 2.2 1.4 6.0 4.4 1.1 1.3 1.3 2.0 1.5 1.5	AUGUST 1.1 1.1 1.2 1.3 1.4 1.6 1.7 2.4 2.5 2.9 2.7 2.0 0.6 0.4 0.2 0.2 0.1 0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	2.1 2.7 3.2 3.7 5.4 7.2 5.5 6.4 7.5 6.8 5.0 3.9 2.5 1.4 1.0 0.8 0.5 1.4 1.2 0.4 0.4 0.7 0.7 0.6 0.5 0.5 0.3	6.8 5.8 4.6 1.7 0.9 1.3 0.9 1.1 1.2 1.2 1.4 1.3 6.2 1.1 6.2 6.8 2.3 1.4 1.6 1.5 1.1 0.8 2.1 2.9 3.3 2.6 1.4 1.9	5.7 3.4 0.4 0.2 0.1 0.2 0.2 0.1 0.2 0.2 0.2 0.3 0.4 0.3 0.4 0.3 0.4 0.4 0.4 0.4 0.3 0.4 0.3	6.2 5.5 2.7 0.6 0.4 0.6 0.5 0.5 0.5 0.5 0.6 0.6 3.7 0.7 1.8 3.6 1.2 0.6 0.8 0.7 0.5 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
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	5.0 5.5 5.0 5.5 4.8 4.2 5.2 6.5 6.8 6.5 5.4 5.3 5.1 5.5 6.1 7.6 8.3 14.2 12.6 19.5 15.1 11.4 15.1 11.7 17.2 13.2 13.2 6.4 6.1	JUNE 2.1 1.9 1.4 1.5 0.9 0.7 1.8 2.9 4.5 4.4 2.0 1.3 1.0 0.8 3.8 3.7 3.2 3.9 0.8 1.0 0.7 0.8 0.8 1.0 0.7 0.8 1.0 0.7 0.8 1.0	3.8 3.9 2.9 3.3 2.4 2.1 3.2 4.6 5.7 5.7 4.0 3.3 3.3 2.9 3.3 5.4 5.3 6.9 7.4 6.0 5.8 5.3 6.2 5.4 5.4 5.3 6.2 5.4	5.7 5.5 4.0 3.4 2.6 2.6 2.5 0.4 0.5 2.3 2.6 3.1 3.1 3.5 3.8 3.7 4.1 4.0 3.3 8.2 6.9 7.8 2.4 3.3 2.4	JULY 0.9 0.9 1.0 1.0 1.1 1.1 1.1 1.1 1.1 1.2 1.3 1.5 1.6 1.8 1.9 2.1 2.2 0.7 0.7 1.3 0.8 0.7 0.8 0.8	2.7 2.5 2.1 2.0 1.7 1.7 1.6 0.3 0.4 1.6 1.9 2.0 2.1 2.2 2.3 2.3 2.8 2.6 1.8 2.9 4.7 1.3 1.5 1.4	3.9 5.2 6.3 10.3 12.0 18.2 13.4 13.3 16.0 15.0 9.6 7.6 5.7 2.8 2.5 2.2 1.4 6.0 4.4 1.1 1.3 1.3 2.0 1.4 1.5	AUGUST 1.1 1.1 1.2 1.3 1.4 1.6 1.7 2.4 2.5 2.9 2.7 2.0 0.6 0.4 0.2 0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	2.1 2.7 3.2 3.7 5.4 7.2 5.5 6.4 7.5 6.8 5.0 3.9 2.5 1.4 1.0 0.8 0.5 1.4 1.2 0.4 0.4 0.7 0.7 0.6 0.5 0.5 0.5 0.5 0.5	6.8 5.8 4.6 1.7 0.9 1.3 0.9 1.1 1.2 1.2 1.4 1.3 6.2 1.1 6.2 6.8 2.3 1.4 1.6 1.5 1.1 0.8 2.1 2.9 3.3 2.6 1.4 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.6 1.6 1.7 1.7 1.8 1.9 1.9 1.1 1.9 1.9 1.9 1.9 1.9	5.7 3.4 0.4 0.2 0.1 0.2 0.2 0.1 0.2 0.2 0.2 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3	6.2 5.5 2.7 0.6 0.4 0.6 0.5 0.5 0.5 0.5 0.6 0.6 3.7 0.7 1.8 3.6 1.2 0.6 0.8 0.7 0.5 1.0 1.4 1.7 0.7 0.6 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9
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	5.0 5.5 5.0 5.5 4.8 4.2 5.2 6.5 6.8 6.5 5.4 5.3 5.1 5.5 6.1 7.6 8.3 14.2 12.6 19.5 15.1 15.4 15.1 15.4 15.1 16.4 17.2 13.5 6.4	JUNE 2.1 1.9 1.4 1.5 0.9 0.7 1.8 2.9 4.5 4.4 2.0 1.3 1.0 0.8 3.8 3.7 3.2 3.9 0.8 1.0 0.7 0.8 0.8 1.0 0.7 0.8 0.8 1.0	3.8 3.9 2.9 3.3 2.4 2.1 3.2 4.6 5.7 5.7 4.0 3.3 3.3 2.9 3.3 5.4 5.3 6.9 7.0 7.4 6.0 5.8 5.3 6.2 5.4	5.7 5.5 4.0 3.4 2.6 2.6 2.5 0.4 0.5 2.3 2.6 3.1 3.1 3.5 3.8 3.7 4.1 4.0 3.3 8.2 6.9 7.8 2.4 3.3	JULY 0.9 0.9 1.0 1.1 1.1 1.1 1.1 1.1 1.1 1.2 1.3 1.5 1.6 1.8 1.9 2.1 2.2 0.7 0.7 1.3 0.8 0.7 0.8	2.7 2.5 2.1 2.0 1.7 1.6 0.3 0.4 1.6 1.6 1.9 2.0 2.1 2.2 2.3 2.3 2.8 2.6 1.8 2.8 2.9 4.7 1.3 1.5	3.9 5.2 6.3 10.3 12.0 18.2 13.4 13.3 16.0 15.0 9.6 7.6 5.7 2.8 2.5 2.2 1.4 6.0 4.4 1.1 1.3 1.3 2.0 1.5 1.5	AUGUST 1.1 1.1 1.2 1.3 1.4 1.6 1.7 2.4 2.5 2.9 2.7 2.0 0.6 0.4 0.2 0.2 0.1 0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	2.1 2.7 3.2 3.7 5.4 7.2 5.5 6.4 7.5 6.8 5.0 3.9 2.5 1.4 1.0 0.8 0.5 1.4 1.2 0.4 0.4 0.7 0.7 0.6 0.5 0.5 0.3	6.8 5.8 4.6 1.7 0.9 1.3 0.9 1.1 1.2 1.2 1.4 1.3 6.2 1.1 6.2 6.8 2.3 1.4 1.6 1.5 1.1 0.8 2.1 2.9 3.3 2.6 1.4 1.9	5.7 3.4 0.4 0.2 0.1 0.2 0.2 0.1 0.2 0.2 0.2 0.3 0.4 0.3 0.4 0.3 0.4 0.4 0.4 0.4 0.3 0.4 0.3	6.2 5.5 2.7 0.6 0.4 0.6 0.5 0.5 0.5 0.5 0.6 0.6 3.7 0.7 1.8 3.6 1.2 0.6 0.8 0.7 0.5 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
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	5.0 5.5 5.0 5.5 4.8 4.2 5.2 6.5 6.8 6.5 5.4 5.3 5.1 7.6 8.3 14.2 12.1 15.1 15.1 15.1 18.7 17.2 13.2 13.5 6.4 6.4 6.4 6.4 6.4 6.5	JUNE 2.1 1.9 1.4 1.5 0.9 0.7 1.8 2.9 4.5 4.4 2.0 1.3 1.0 0.8 3.8 3.7 3.2 3.9 0.8 1.0 0.7 0.8 0.8 1.0 0.7 0.8 0.8 1.0 0.7 0.8 0.8 1.0 0.7 0.8 0.8 1.0 0.7 0.8 0.8	3.8 3.9 2.9 3.3 2.4 2.1 3.2 4.6 5.7 5.7 4.0 3.3 3.3 2.9 3.3 5.4 5.3 6.9 7.0 7.4 6.0 5.8 5.3 6.2 5.4 5.3 6.2 5.4	5.7 5.5 4.0 3.4 2.6 2.6 2.5 0.4 0.5 2.3 2.6 3.1 3.1 3.5 3.8 3.7 4.1 4.0 3.3 8.2 6.9 7.8 2.4 3.3 2.6	JULY 0.9 0.9 1.0 1.0 1.1 1.1 1.1 1.1 1.1 1.1 1.2 1.3 1.5 1.6 1.8 1.9 2.1 2.2 0.7 0.7 1.3 0.8 0.7 0.8 0.8 0.9	2.7 2.5 2.1 2.0 1.7 1.6 0.3 0.4 1.6 1.9 2.0 2.1 2.2 2.3 2.3 2.8 2.6 1.8 2.8 2.9 4.7 1.3 1.5 1.4 1.5	3.9 5.2 6.3 10.3 12.0 18.2 13.4 13.3 16.0 15.0 9.6 7.6 5.7 2.8 2.5 2.2 1.4 6.0 4.4 1.1 1.3 1.3 2.0 1.4 1.5	AUGUST 1.1 1.1 1.2 1.3 1.4 1.6 1.7 2.4 2.5 2.9 2.7 2.0 0.6 0.4 0.2 0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	2.1 2.7 3.2 3.7 5.4 7.2 5.5 6.4 7.5 6.8 5.0 3.9 2.5 1.4 1.0 0.8 0.5 1.4 1.2 0.4 0.4 0.7 0.7 0.6 0.5 0.3 0.5 3.6	6.8 5.8 4.6 1.7 0.9 1.3 0.9 1.1 1.2 1.2 1.4 1.3 6.2 1.1 6.2 6.8 2.3 1.4 1.6 1.5 1.1 0.8 2.1 2.9 3.3 2.6 1.4 1.9 1.1 1.2 1.2	5.7 3.4 0.4 0.2 0.1 0.2 0.2 0.1 0.2 0.2 0.2 0.2 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3	6.2 5.5 2.7 0.6 0.4 0.6 0.5 0.5 0.5 0.5 0.6 0.6 3.7 0.7 1.8 3.6 1.2 0.6 0.8 0.7 0.6 0.8 0.7 0.6 0.6 0.7 1.8 0.7 1.0 0.6 0.6 0.7 1.0 0.6 0.7 1.0 0.6 0.7 1.0 0.6 0.7 1.0 0.6 0.7 1.0 0.6 0.7 1.0 0.6 0.7 1.0 0.6 0.7 1.0 0.7 1.0 0.7 1.0 0.7 1.0 0.7 1.0 0.7 1.0 0.7 1.0 0.7 1.0 0.7 1.0 0.7 1.0 0.7 1.0 0.7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0

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$0208762750\ UNNAMED\ TRIB\ TO\ SWIFT\ CREEK\ NEAR\ YATES\ MILL\ POND,\ NC-Continued$

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION WATER YEAR APRIL TO SEPTEMBER $2002\,$

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	F	EBRUAR	Y		MARCH			APRIL			MAY	
1 2										72 	54	62
3										74	46	62
4 5										69 75	60 62	64 68
6										72	50	65
7 8										65 67	31 38	56 55
9										54	23	43
10							92	68	78	44	21	35
11 12							98 93	67 66	78 75	78 64	39 34	64 53
13 14							92 89	64 62	75 72	65 74	27 37	45 62
15							90	60	71	73	51	65
16							89	62	71	75	52	66
17 18							86 82	62 62	71 69	57 82	32 28	47 57
19							79	59	66	96	71	82
20							75	60	66	93	72	80
21 22							74 77	61 59	66 68	96 93	73 75	83 81
23 24							81 88	63 67	71 75	95 91	65 66	79 74
25							81	63	71	84	46	69
26							87	63	72	82	46	64
27 28							84 71	49 45	68 60	74 69	25 25	54 50
29 30							66	30	51	56	32	44
31							76 	57 	65 	58 62	23 22	41 47
MONTH												
MONTH												
MOIVIII		JUNE			JULY			AUGUST			ЕРТЕМВЕ	
1	55	JUNE 22	41	63	10	30	43	AUGUST	23	SI 77	63	ER 69
		JUNE						AUGUST		SI		ER 69 60
1 2 3 4	55 61 55 61	JUNE 22 20 15 16	41 42 31 36	63 61 44 38	10 10 11 11	30 27 23 21	43 58 70 116	AUGUST 12 12 13 14	23 30 35 41	77 64 49 18	63 37 4 2	69 60 29 6
1 2 3 4 5	55 61 55 61 53	JUNE 22 20 15 16 10	41 42 31 36 27	63 61 44 38 29	10 10 11 11 12	30 27 23 21 18	43 58 70 116 135	12 12 12 13 14 15	23 30 35 41 60	77 64 49 18 10	63 37 4 2 1	69 60 29 6 4
1 2 3 4 5	55 61 55 61 53 46 57	JUNE 22 20 15 16 10 7 19	41 42 31 36 27 22 35	63 61 44 38 29 29 29	10 10 11 11 12 12 12	30 27 23 21 18	43 58 70 116 135 204 150	AUGUST 12 12 13 14 15 17 18	23 30 35 41 60 79 60	77 64 49 18 10 14	63 37 4 2 1 2 2	69 60 29 6 4 6 5
1 2 3 4 5 6 7 8	55 61 55 61 53 46 57 72	JUNE 22 20 15 16 10 7 19 30	41 42 31 36 27 22 35 49	63 61 44 38 29 29 29	10 10 11 11 12 12 12	30 27 23 21 18 18	43 58 70 116 135 204 150 147	AUGUST 12 12 13 14 15 17 18 26	23 30 35 41 60 79 60 70	SI 77 64 49 18 10 14 10	63 37 4 2 1 2 2 1	69 60 29 6 4 6 5
1 2 3 4 5	55 61 55 61 53 46 57	JUNE 22 20 15 16 10 7 19	41 42 31 36 27 22 35	63 61 44 38 29 29 29	10 10 11 11 12 12 12	30 27 23 21 18	43 58 70 116 135 204 150	AUGUST 12 12 13 14 15 17 18	23 30 35 41 60 79 60	77 64 49 18 10 14	63 37 4 2 1 2 2	69 60 29 6 4 6 5
1 2 3 4 5 6 7 8 9 10	55 61 55 61 53 46 57 72 75 72	JUNE 22 20 15 16 10 7 19 30 48 46 21	41 42 31 36 27 22 35 49 60 60	63 61 44 38 29 29 28 	10 10 11 11 12 12 12	30 27 23 21 18 18	43 58 70 116 135 204 150 147 176 165	12 12 13 14 15 17 18 26 26 31	23 30 35 41 60 79 60 70 82 74	SI 77 64 49 18 10 14 10 12 13 13	63 37 4 2 1 2 2 1 2 2 2 2	69 60 29 6 4 6 5 5 6 6
1 2 3 4 5 6 7 8 9 10	55 61 55 61 53 46 57 72 75 72 60 59 57	JUNE 22 20 15 16 10 7 19 30 48 46 21 14	41 42 31 36 27 22 35 49 60 60 43 36	63 61 44 38 29 29 28 	10 10 11 11 12 12 12 12 	30 27 23 21 18 18 18 	43 58 70 116 135 204 150 147 176 165	12 12 13 14 15 17 18 26 26 31	23 30 35 41 60 79 60 70 82 74	SI 77 64 49 18 10 14 10 12 13 13 15 14 64	63 37 4 2 1 2 2 1 2 2 2 2 2 3	69 60 29 6 4 6 5 5 6 6 6
1 2 3 4 5 6 7 8 9 10 11 12 13 14	55 61 55 61 53 46 57 72 75 72 60 59 57 61	JUNE 22 20 15 16 10 7 19 30 48 46 21 14 11	41 42 31 36 27 22 35 49 60 60 43 36	63 61 44 38 29 29 28 	10 10 11 11 12 12 12 12	30 27 23 21 18 18 18 	43 58 70 116 135 204 150 147 176 165	AUGUST 12 12 13 14 15 17 18 26 26 31 29 22 6 4	23 30 35 41 60 79 60 70 82 74 54 43 27 16	SI 77 64 49 18 10 14 10 12 13 13 15 14 64 12	63 37 4 2 1 2 2 1 2 2 2 2 2 3 4	69 60 29 6 4 6 5 5 6 6 6 6 39 7
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	55 61 55 61 53 46 57 72 75 72 60 59 57 61 68	JUNE 22 20 15 16 10 7 19 30 48 46 21 14 11 11	41 42 31 36 27 22 35 49 60 60 43 36 36 32 36	63 61 44 38 29 29 28 25 29 35	10 10 11 11 11 12 12 12 12 12 12 12 13	30 27 23 21 18 18 18 18 18 18 21	43 58 70 116 135 204 150 147 176 165 107 84 63 31 27	12 12 13 14 15 17 18 26 26 31 29 22 6 4 2	23 30 35 41 60 79 60 70 82 74 54 43 27 16	SI 77 64 49 18 10 14 10 12 13 13 15 14 64 12 70	63 37 4 2 1 2 2 1 2 2 2 2 2 3 4 3	69 60 29 6 4 6 5 5 6 6 6 39 7 20
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	55 61 55 61 53 46 57 72 75 72 75 72 60 59 57 61 68	JUNE 22 20 15 16 10 7 19 30 48 46 21 14 11 11 9 40 40	41 42 31 36 27 22 35 49 60 60 60 43 36 36 36 36 37 57	63 61 44 38 29 29 28 25 29 35 35	10 10 11 11 12 12 12 12 12 12 13 14	30 27 23 21 18 18 18 18 18 18 21 22 23	43 58 70 116 135 204 150 147 176 165 107 84 63 31 27 24	AUGUST 12 12 13 14 15 17 18 26 26 31 29 22 6 4 2	23 30 35 41 60 79 60 70 82 74 54 43 27 16 10	SI 77 64 49 18 10 14 10 12 13 13 15 14 64 12 70 79 25	63 37 4 2 1 2 2 1 2 2 2 2 2 3 4 3 3 4	69 60 29 6 4 6 5 5 6 6 6 6 39 7 20
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	55 61 55 61 53 46 57 72 75 72 75 72 60 59 57 61 68 85 92 156	JUNE 22 20 15 16 10 7 19 30 48 46 21 14 11 11 9 40	41 42 31 36 27 22 35 49 60 60 60 43 36 36 36 37 57 58 75	63 61 44 38 29 29 28 25 29 35 35 35 39	10 10 11 11 12 12 12 12 12 12 13 14 16 17	30 27 23 21 18 18 18 18 18 21 22 23 25	43 58 70 116 135 204 150 147 176 165 107 84 63 31 27 24 15 73	AUGUST 12 12 13 14 15 17 18 26 26 31 29 22 6 4 2	23 30 35 41 60 79 60 70 82 74 54 43 27 16 10	SI 77 64 49 18 10 14 10 12 13 13 15 14 64 12 70 79 25 15	63 37 4 2 1 2 2 2 1 2 2 2 2 3 4 3	69 60 29 6 4 6 5 5 5 6 6 6 6 39 7 20 40 13 7
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	55 61 55 61 53 46 57 72 75 72 75 72 60 59 57 61 68	JUNE 22 20 15 16 10 7 19 30 48 46 21 14 11 11 9 40 40 34	41 42 31 36 27 22 35 49 60 60 60 43 36 36 36 36 37 57	63 61 44 38 29 29 28 25 29 35 35	10 10 11 11 12 12 12 12 12 12 13 14	30 27 23 21 18 18 18 18 18 18 21 22 23	43 58 70 116 135 204 150 147 176 165 107 84 63 31 27 24	AUGUST 12 12 13 14 15 17 18 26 26 31 29 22 6 4 2	23 30 35 41 60 79 60 70 82 74 54 43 27 16 10	SI 77 64 49 18 10 14 10 12 13 13 15 14 64 12 70 79 25 15 17 16	63 37 4 2 1 2 2 1 2 2 2 2 3 4 3 3	69 60 29 6 4 6 5 5 6 6 6 6 39 7 20
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	55 61 55 61 53 46 57 72 75 72 75 72 60 59 57 61 68 85 92 156 139 218	JUNE 22 20 15 16 10 7 19 30 48 46 21 14 11 11 9 40 40 34 41 8	41 42 31 36 27 22 35 49 60 60 60 43 36 36 32 36 57 58 75 76 81	63 61 44 38 29 29 28 25 29 35 35 35 35 39 43 41	10 10 11 11 11 12 12 12 12 12 12 12 13 14 16 17 20 21	30 27 23 21 18 18 18 18 18 21 22 23 25 26 26 31	43 58 70 116 135 204 150 147 176 165 107 84 63 31 27 24 15 73 50 12	AUGUST 12 12 13 14 15 17 18 26 26 31 29 22 6 4 2 2 1 2 1	23 30 35 41 60 79 60 70 82 74 54 43 27 16 10 9 6 16 13	SI 77 64 49 18 10 14 10 12 13 13 15 14 64 12 70 79 25 15 17 16 12	63 37 4 2 1 2 2 2 2 2 2 3 4 3 3 4 4 3 4 4 4	69 60 29 6 4 6 5 5 5 6 6 6 6 39 7 20 40 13 7 8 8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	55 61 55 61 53 46 57 72 75 72 75 72 60 59 57 61 68 85 92 156 139 218	JUNE 22 20 15 16 10 7 19 30 48 46 21 14 11 11 9 40 40 34 41 8 11 7	41 42 31 36 27 22 35 49 60 60 60 43 36 36 32 36 57 58 75 76 81	63 61 44 38 29 29 28 25 29 35 35 35 35 34 41 46 45 37	10 10 11 11 11 12 12 12 12 12 12 12 13 14 16 17 20 21 23 24 8	30 27 23 21 18 18 18 18 18 18 21 22 23 25 26 26 26 31 29 19	43 58 70 116 135 204 150 147 176 165 107 84 63 31 27 24 15 73 50 12	AUGUST 12 12 13 14 15 17 18 26 26 31 29 22 6 4 2 2 1 1 1 1	23 30 35 41 60 79 60 70 82 74 54 43 27 16 10 9 6 16 13 4	SI 77 64 49 18 10 14 10 12 13 13 15 14 64 12 70 79 25 15 17 16 12 9 23	63 37 4 2 1 2 2 2 2 2 3 4 3 3 4 4 3 4 4 4 4 4 4 4 4	69 60 29 6 4 6 5 5 6 6 6 39 7 20 40 13 7 8 8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	55 61 55 61 53 46 57 72 75 72 75 72 60 59 57 61 68 85 92 156 139 218 168 167 165 209	JUNE 22 20 15 16 10 7 19 30 48 46 21 14 11 11 9 40 40 34 41 8 11 7	41 42 31 36 27 22 35 49 60 60 60 43 36 36 36 37 57 58 75 76 81 66 62 58 68	63 61 44 38 29 29 28 25 29 35 35 35 39 43 41 46 45 37 99	10 10 11 11 11 12 12 12 12 12 12 13 14 16 17 20 21 23 24	30 27 23 21 18 18 18 18 18 18 21 22 23 25 26 26 26 31 29 19 32	43 58 70 116 135 204 150 147 176 165 107 84 63 31 27 24 15 73 50 12	AUGUST 12 12 13 14 15 17 18 26 26 31 29 22 6 4 2 2 1 2 1 1	23 30 35 41 60 79 60 70 82 74 54 43 27 16 10 9 6 16 13 4	77 64 49 18 10 14 10 12 13 13 15 14 64 12 70 79 25 15 17 16	63 37 4 2 1 2 2 2 2 2 3 4 3 3 4 4 3 4 4 4 4	69 60 29 6 4 6 5 5 5 6 6 6 39 7 20 40 13 7 8 8
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	55 61 55 61 53 46 57 72 75 72 75 72 60 59 57 61 68 85 92 156 139 218 168 167 165 209 190	JUNE 22 20 15 16 10 7 19 30 48 46 21 14 11 11 9 40 40 34 41 8 11 7 8 8 11	41 42 31 36 27 22 35 49 60 60 43 36 36 32 36 57 58 75 76 81	63 61 44 38 29 29 28 25 29 35 35 35 35 37 41 46 45 37 99 78	10 10 11 11 11 12 12 12 12 12 12 13 14 16 17 20 21 23 24 8 8	30 27 23 21 18 18 18 18 18 18 21 22 23 25 26 26 26 31 29 19 32 32	43 58 70 116 135 204 150 147 176 165 107 84 63 31 27 24 15 73 50 12 14 14 14 22 15 17	AUGUST 12 12 13 14 15 17 18 26 26 31 29 22 6 4 2 2 1 1 1 1 1 1	23 30 35 41 60 79 60 70 82 74 54 43 27 16 10 9 6 16 13 4 5 4 8 7 7	77 64 49 18 10 14 10 12 13 13 15 14 64 12 70 79 25 15 17 16 12 9 23 31 36	63 37 4 2 1 2 2 2 2 2 3 4 3 3 4 4 3 4 4 3 4 3 4 4 3 4 4 4 4	69 60 29 6 4 6 5 5 6 6 6 39 7 20 40 13 7 8 8 8
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	55 61 55 61 53 46 57 72 75 72 75 72 60 59 57 61 68 85 92 156 139 218 168 167 165 209 190	JUNE 22 20 15 16 10 7 19 30 48 46 21 14 11 11 9 40 34 41 8 11 7 8 8 11 7	41 42 31 36 27 22 35 49 60 60 60 43 36 36 36 37 57 58 75 76 81 66 62 58 68 59 55 43	63 61 44 38 29 29 28 25 29 35 35 35 35 37 43 41 46 45 37 99 78	10 10 11 11 11 12 12 12 12 12 13 14 16 17 20 21 23 24 8 8 14	30 27 23 21 18 18 18 18 18 18 18 21 22 23 25 26 26 26 26 31 29 19 32 32 32 32	43 58 70 116 135 204 150 147 176 165 107 84 63 31 27 24 15 73 50 12 14 14 14 22 15 17	AUGUST 12 12 13 14 15 17 18 26 26 31 29 22 6 4 2 2 1 1 1 1 1 1 1 1	23 30 35 41 60 79 60 70 82 74 54 43 27 16 10 9 6 16 13 4 5 4 8 7 7	77 64 49 18 10 14 10 12 13 13 15 14 64 12 70 79 25 15 17 16 12 9 23 31 36 28 15	63 37 4 2 1 2 2 2 2 2 2 3 4 3 3 4 4 4 3 4 4 3 4 4 4 3 4 4 4 4	69 60 29 6 4 6 5 5 5 6 6 6 39 7 20 40 13 7 8 8 6 5 10 15 18
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	55 61 55 61 53 46 57 72 75 72 60 59 57 61 68 85 92 156 139 218 168 167 165 209 190	JUNE 22 20 15 16 10 7 19 30 48 46 21 14 11 11 9 40 34 41 8 11 7 8 8 8 11 7 11 7 9 17	41 42 31 36 27 22 35 49 60 60 60 43 36 36 32 36 57 58 75 76 81 66 62 58 68 59 55 43 36 49	63 61 44 38 29 29 28 25 29 35 35 35 35 37 41 46 45 37 99 78	10 10 11 11 11 12 12 12 12 12 12 13 14 16 17 20 21 23 24 8 8 14	30 27 23 21 18 18 18 18 18 21 22 23 25 26 26 26 31 29 19 32 32 32 53 14 17 15	43 58 70 116 135 204 150 147 176 165 107 84 63 31 27 24 15 73 50 12 14 14 22 15 17	AUGUST 12 13 14 15 17 18 26 26 31 29 22 6 4 2 2 1 1 1 1 1 1 1 1	23 30 35 41 60 79 60 70 82 74 54 43 27 16 10 9 6 16 13 4 8 7 7	77 64 49 18 10 14 10 12 13 13 15 14 64 12 70 79 25 15 17 16 12 9 23 31 36 28 15 21	63 37 4 2 1 2 2 2 2 3 4 3 3 4 4 3 3 4 4 3 3 4 3 3 4 3 3 3 3 4 3	69 60 29 6 4 6 5 5 6 6 6 39 7 20 40 13 7 8 8 8 6 5 10 15 18
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	55 61 55 61 53 46 57 72 75 72 75 72 60 59 57 61 68 85 92 156 139 218 168 167 165 209 190	JUNE 22 20 15 16 10 7 19 30 48 46 21 14 11 11 9 40 40 34 41 8 11 7 8 8 11 17 9	41 42 31 36 27 22 35 49 60 60 43 36 32 36 37 58 75 76 81 66 62 58 68 59 55 43 36 43 43 44 45 46 47 47 47 47 47 47 47 47 47 47	63 61 44 38 29 29 28 25 29 35 35 35 35 35 37 41 46 45 37 99 78 92 26 37 23 29	10 10 11 11 11 12 12 12 12 12 12 13 14 16 17 20 21 23 24 8 8 14	30 27 23 21 18 18 18 18 18 18 21 22 23 25 26 26 26 31 29 19 32 32 32 53 14 17 15 17	43 58 70 116 135 204 150 147 176 165 107 84 63 31 27 24 15 73 50 12 14 14 22 15 17	AUGUST 12 12 13 14 15 17 18 26 26 31 29 22 6 4 2 2 1 1 1 1 1 2 1	23 30 35 41 60 79 60 70 82 74 54 43 27 16 10 9 6 16 13 4 5 4 8 7 7 7	77 64 49 18 10 14 10 12 13 13 15 14 64 12 70 79 25 15 17 16 12 9 23 31 36 28 15 21 14 26	63 37 4 2 1 2 2 2 2 2 3 4 3 3 4 4 3 3 4 4 3 3 4 3 2 2 3 3 4 3 3 4 3 4	69 60 29 6 4 6 5 5 5 6 6 6 6 39 7 20 40 13 7 8 8 6 5 10 15 18
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	55 61 55 61 53 46 57 72 75 72 60 59 57 61 68 85 92 156 139 218 168 167 165 209 190	JUNE 22 20 15 16 10 7 19 30 48 46 21 14 11 11 9 40 40 34 41 8 11 7 8 8 11 17 9 17	41 42 31 36 27 22 35 49 60 60 60 43 36 36 32 36 57 58 75 76 81 66 62 58 68 59 55 43 36 49	63 61 44 38 29 29 28 25 29 35 35 35 35 37 41 46 45 37 99 78	10 10 11 11 11 12 12 12 12 12 12 13 14 16 17 20 21 23 24 8 8 14	30 27 23 21 18 18 18 18 18 21 22 23 25 26 26 26 31 29 19 32 32 32 53 14 17 15	43 58 70 116 135 204 150 147 176 165 107 84 63 31 27 24 15 73 50 12 14 14 22 15 17	AUGUST 12 13 14 15 17 18 26 26 31 29 22 6 4 2 2 1 1 1 1 1 1 1 1	23 30 35 41 60 79 60 70 82 74 54 43 27 16 10 9 6 16 13 4 8 7 7	77 64 49 18 10 14 10 12 13 13 15 14 64 12 70 79 25 15 17 16 12 9 23 31 36 28 15 21	63 37 4 2 1 2 2 2 2 3 4 3 3 4 4 3 4 3 4 4 3 4 3 4 4 4 4	69 60 29 6 4 6 5 5 5 6 6 6 39 7 20 40 13 7 8 8 8 6 5 10 15 18 18 18 18 18 18 18 18 18 18 18 18 18

0208762750 UNNAMED TRIB TO SWIFT CREEK NEAR YATES MILL POND, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBE	ER	D	ECEMBE	R		JANUARY	7
1	328	312	323	94	92	93	74	72	73	94	47	60
2	335	312	327	94	92	93	73	71	72	70	65	68
3	341	326	331	94	92	93	72	70	71	75	64	69
4	336	324	330	93	89	91	72	68	71	74	72	73
5	339	329	334	91	79	86	72	45	62	72	71	71
6	338	248	318	88	51	71	70	64	67	71	69	71
7	336	326	331	86	80	83	72	68	71	71	68	70
8	335	94	185	87	85	86	74	72	73	71	68	70
9	254	129	188	88	85	86	74	73	73	72	68	70
10	323	189	262	88	86	87	74	73	73	71	67	70
11	337	41	190	88	84	86	75	59	70	72	65	69
12	109	107	108	87	52	70	74	72	73	71	65	69
13	113	106	109	76	57	67	76	34	57	72	65	69
14	106	101	102	82	76	79	66	53	61	71	69	70
15	101	97	99	85	82	84	71	66	69	71	66	69
16	98	87	92	90	79	85	71	70	71	71	64	68
17	98	95	96	99	70	83	71	71	71	70	62	67
18	99	95	97	89	79	81	71	70	71	71	62	67
19	104	95	98	83	82	82	71	69	71	71	63	68
20	114	95	100	83	82	82	76	56	70	71	62	68
21	114	39	81	83	81	82	76	72	75	70	65	69
22	97	75	89	82	81	82	74	71	72	72	59	67
23	99	95	97	81	79	80	73	69	72	279	68	110
24	97	95	96	79	78	79	74	45	66	87	67	73
25	97	94	95	79	77	78	66	54	61	86	65	72
26 27 28 29 30 31	95 95 95 104 104 92	92 92 65 73 43 86	93 93 88 94 77 89	78 78 76 75 75	76 76 74 73 73	77 77 75 74 74	69 72 72 74 74 74	65 68 71 71 71 71	67 70 71 72 72 72	82 68 70 70 75 74	66 67 67 66 50 65	72 68 68 68 65 71
MONTH	341	39	162	99	51	82	76	34	70	279	47	70
		FEBRUARY			MARCH			APRIL			MAY	
1	76	74	75	74	34	66	81	78	79	92	85	88
2	76	74	75	65	25	52	81	77	79	97	84	88
3	78	76	76	70	65	68	81	76	79	91	84	86
4	78	71	76	71	70	70	83	79	81	89	84	86
5	78	75	76	72	63	69	83	72	79	86	83	84
6	77	52	72	74	15	48	84	79	80	87	72	80
7	75	41	58	66	58	63	86	51	73	88	82	85
8	73	67	71	69	65	67	79	52	75	95	87	91
9	74	72	73	71	68	70	68	39	55	99	86	92
10	78	53	65	71	69	70	68	33	43	102	92	96
11	71	65	69	72	70	71	72	54	65	104	94	98
12	74	69	72	78	68	73	75	69	72	100	90	95
13	78	67	73	78	72	77	79	74	77	97	88	93
14	75	69	73	77	71	76	80	77	78	98	86	92
15	74	70	72	77	76	77	82	78	79	95	80	89
16	73	66	71	101	37	72	83	78	80	88	80	83
17	73	66	71	77	73	76	84	79	81	87	84	85
18	74	44	65	78	77	78	84	78	80	85	71	81
19	72	64	68	78	76	77	79	77	78	81	63	74
20	79	70	73	94	32	57	82	77	80	85	78	81
21	78	74	76	72	60	67	83	78	80	84	77	80
22	76	34	66	76	71	74	83	77	80	83	54	70
23	74	71	73	78	76	77	83	79	81	77	67	73
24	77	74	75	79	77	78	85	79	82	83	77	80
25	77	76	76	79	77	78	83	60	76	83	62	77
26 27 28 29 30 31	77 79 66 	74 28 42 	76 54 58 	80 79 79 79 79 81	77 78 77 76 61 77	78 78 78 78 73 80	83 87 90 93 94	69 76 83 84 85	76 82 86 87 88	85 87 90 91 102 99	79 81 82 81 82 75	81 83 85 85 87
MONTH	79	28	71	101	15	71	94	33	77	104	54	85

0208762750 UNNAMED TRIB TO SWIFT CREEK NEAR YATES MILL POND, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST	,	S	ЕРТЕМВІ	ER
1 2 3 4 5	90 130 104 90 92	78 85 71 81 83	84 95 86 83 87	93 98 80 97 101	80 32 60 80 89	89 65 73 86 94	106 94 92 97 109	67 63 78 90 61	88 81 85 92 90	87 98 102 103 101	73 85 93 94 94	80 91 96 98 96
6 7 8 9 10	114 89 82 87 96	71 47 50 72 82	86 78 71 79 87	102 104 105 107 109	92 91 94 95 95	97 97 99 102 103	99 104 99 58	88 87 5 24	92 96 52 51	100 99 97 97 99	95 94 65 88 93	97 96 88 93 95
11 12 13 14 15	100 103 100 103 110	86 70 83 85 54	90 86 88 91 85	104 102 98 108 106	90 87 91 90 96	99 93 94 101 100	 46	 36	 41	100 99 95 96 97	93 92 91 88 90	97 95 93 92 93
16 17 18 19 20	82 73 101 101 96	40 62 51 69 75	63 69 76 75 85	111 109 106 106 101	98 99 96 98 97	102 103 100 101 99	49 54 58 57 64	46 49 50 50 57	47 51 54 54 60	100 100 100 88 94	93 92 69 78 86	95 95 88 83 89
21 22 23 24 25	92 97 98 101 100	84 87 88 89 88	87 91 92 95 94	103 107 107 159 122	95 98 90 90 93	99 103 99 102 101	67 68 70 74 74	63 65 67 70 70	65 67 68 73 72	97 98 113 90 93	91 86 63 83 86	94 93 84 87 89
26 27 28 29 30 31	102 98 93 106 106	87 83 80 79 79	92 89 87 95 94	104 105 104 136 107 91	95 92 93 72 67 82	100 97 98 97 83 87	118 110 110 109 109 118	73 101 102 99 99 53	95 105 105 105 105 88	94 94 94 95 92	89 91 90 90 89	92 92 92 92 91
MONTH	130	40	85	159	32	96				113	63	92

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER		N	OVEMBE			ECEMBE	R		JANUARY	
1 2 3 4 5	5.1 5.2 5.1 5.1 5.1	5.1 5.0 5.0 5.0 5.0	5.1 5.1 5.0 5.1 5.1	5.4 5.3 5.3 5.4 5.5	5.3 5.3 5.2 5.2 5.3	5.4 5.3 5.3 5.3 5.4	5.4 5.4 5.4 5.5 5.9	5.4 5.4 5.4 5.5	5.4 5.4 5.4 5.4 5.6	6.2 5.7 5.8 5.7 5.7	5.6 5.6 5.7 5.7 5.6	5.7 5.7 5.7 5.7 5.6
6 7 8 9 10	5.1 5.1 5.5 5.3 5.2	5.0 5.1 5.1 5.1 5.1	5.1 5.1 5.3 5.2 5.1	6.2 5.5 5.5 5.5 5.5	5.4 5.5 5.4 5.4 5.4	5.6 5.5 5.5 5.4 5.4	5.5 5.4 5.4 5.4 5.4	5.4 5.4 5.4 5.4 5.4	5.4 5.4 5.4 5.4 5.4	5.7 5.6 5.7 5.7 5.7	5.6 5.6 5.6 5.6 5.6	5.6 5.6 5.6 5.7 5.6
11 12 13 14 15	6.1 5.5 5.5 5.5 5.6	5.1 5.4 5.4 5.4 5.4	5.4 5.5 5.5 5.5 5.5	5.5 6.2 6.0 5.6 5.6	5.4 5.5 5.5 5.5 5.4	5.5 5.7 5.7 5.5 5.5	5.5 5.5 5.8 5.5 5.5	5.4 5.4 5.4 5.5 5.5	5.5 5.5 5.6 5.5 5.5	5.7 5.6 5.7 5.7 5.7	5.6 5.6 5.6 5.6 5.6	5.6 5.6 5.6 5.6 5.6
16 17 18 19 20	5.7 5.5 5.5 5.4 5.4	5.4 5.4 5.3 5.3 5.2	5.5 5.4 5.4 5.3 5.3	5.6 5.9 5.8 5.5 5.5	5.4 5.5 5.5 5.5 5.5	5.5 5.6 5.5 5.5 5.5	5.5 5.5 5.5 5.6 5.8	5.4 5.5 5.5 5.5 5.6	5.5 5.5 5.5 5.5 5.7	5.7 5.7 5.7 5.7 5.7	5.6 5.6 5.6 5.6 5.6	5.6 5.7 5.6 5.6 5.6
21 22 23 24 25	5.8 5.6 5.5 5.4 5.4	5.2 5.4 5.4 5.4 5.3	5.4 5.4 5.5 5.4 5.4	5.5 5.5 5.5 5.5 5.5	5.4 5.5 5.4 5.4 5.4	5.5 5.5 5.5 5.4 5.4	5.7 5.6 5.6 6.2 5.9	5.6 5.5 5.5 5.5 5.6	5.7 5.6 5.5 5.7 5.7	5.7 5.7 6.7 5.9 5.9	5.6 5.6 5.7 5.6	5.6 5.6 6.0 5.7 5.7
26 27 28 29 30 31	5.4 5.4 5.7 5.6 6.0 5.4	5.3 5.3 5.3 5.5 5.4 5.4	5.4 5.4 5.5 5.6 5.5 5.4	5.5 5.5 5.4 5.4 5.4	5.4 5.4 5.4 5.4 5.4	5.4 5.4 5.4 5.4 5.4	5.6 5.6 5.6 5.6 5.6 5.6	5.6 5.6 5.6 5.6 5.6 5.6	5.6 5.6 5.6 5.6 5.6 5.6	5.9 5.7 5.7 5.7 6.2 6.0	5.6 5.6 5.6 5.6 5.6 5.9	5.7 5.7 5.7 5.7 5.9 5.9
MONTH	6.1	5.0	5.3	6.2	5.2	5.5	6.2	5.4	5.5	6.7	5.6	5.7
		FEBRUARY	?		MARCH			APRIL			MAY	
1 2 3 4 5	5.9 5.7 5.6 5.7 5.7	5.7 5.5 5.4 5.6 5.6	5.8 5.6 5.5 5.6 5.6	6.3 6.3 5.9 5.9 6.0	5.8 5.8 5.8 5.8 5.8	5.8 5.9 5.8 5.8 5.9	6.3 6.2 6.2 6.1 6.1	6.0 6.0 6.0 6.0	6.1 6.1 6.0 6.0	5.7 5.7 5.7 5.7 5.7	5.6 5.6 5.6 5.7 5.6	5.7 5.7 5.7 5.7 5.7
6 7 8 9 10	5.8 6.2 5.8 5.8 6.2	5.6 5.7 5.7 5.7 5.7	5.7 5.8 5.7 5.7 5.8	6.2 5.9 5.9 6.0 6.0	5.9 5.9 5.9 5.9 5.9		6.1 6.3 6.1 6.3 6.5	6.0 6.0 6.1 6.0 6.0	6.1 6.1 6.1 6.3	5.8 5.7 5.8 5.8 5.8	5.7 5.6 5.7 5.7 5.7	5.7 5.7 5.7 5.7 5.8
11 12 13 14 15	5.8 5.8 5.8 5.8 5.8	5.7 5.7 5.7 5.7 5.7	5.7 5.7 5.7 5.7 5.7	6.0 6.0 6.0 6.1	5.9 5.9 6.0 6.0 6.0	6.0 5.9 6.0 6.0 6.0	6.5 6.1 6.2 6.2 6.2	6.1 6.0 6.1 6.1 6.1	6.2 6.1 6.1 6.2 6.2	5.9 5.8 5.8 5.8 5.7	5.7 5.7 5.7 5.6 5.6	5.8 5.8 5.7 5.7 5.7
16 17 18 19 20	5.8 5.8 6.3 5.8 5.9	5.7 5.7 5.7 5.7 5.8	5.7 5.8 5.8 5.8 5.8	6.6 6.2 6.2 6.1 6.7	6.0 6.1 6.1 6.0 5.9	6.2 6.1 6.1 6.1 6.2	6.2 6.2 5.6 5.6 5.7	6.1 5.3 5.5 5.5 5.6	6.2 5.8 5.6 5.6 5.6	5.7 5.7 5.8 5.8 6.0	5.7 5.7 5.7 5.7 5.7	5.7 5.7 5.7 5.8 5.9
21 22 23 24 25	5.9 6.2 5.9 5.8 5.9	5.8 5.8 5.8 5.8 5.8	5.8 5.9 5.8 5.8 5.8	6.0 6.0 6.1 6.1	5.9 5.9 6.0 6.0 6.0	5.9 6.0 6.0 6.0 6.0	5.6 5.6 5.6 5.7 5.7	5.5 5.6 5.5 5.5 5.6	5.6 5.6 5.6 5.6 5.6	6.1 6.3 6.3 6.2 6.3	6.0 6.0 6.2 6.1 6.1	6.0 6.2 6.3 6.2 6.2
26 27 28 29 30 31	5.9 6.2 6.0	5.8 5.9 5.8 	5.8 6.0 5.8 	6.2 6.2 6.2 6.2	6.0 6.0 6.0 6.1	6.1 6.0 6.1 6.1	5.8 5.8 5.7 5.7 5.7	5.6 5.7 5.7 5.6 5.6	5.7 5.7 5.7 5.7 5.7	6.2 6.2 6.2 6.1 6.2	6.1 6.0 6.0 6.1	6.2 6.2 6.1 6.1
MONTH	6.3	5.4	5.7	6.3 6.7	6.1 5.8	6.2 6.0	6.5	5.3	5.9	6.2 6.3	6.1 5.6	6.2 5.9

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS—CONTINUED WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN									
		JUNE			JULY			AUGUST		S	EPTEMBI	ΞR
1 2	6.1 6.8	6.0 6.0	6.1 6.2	6.1 6.4	5.9 5.8	6.0 6.0	6.5 6.4	6.0 6.1	6.2 6.3	6.1 6.1	6.0 6.0	6.1 6.0
2 3	6.7	6.1	6.2	5.8	5.6	5.7	6.3	6.1	6.2	6.0	6.0	6.0
4	6.1	6.0	6.1	5.7	5.6	5.6	6.2	6.2	6.2	6.1	6.0	6.0
5	6.1	6.0	6.1	5.7	5.5	5.6	6.5	5.7	6.0	6.0	5.9	6.0
6	6.8	6.0	6.2	5.6	5.4	5.6	5.7	5.6	5.7	6.0	5.9	6.0
7	6.5	6.0	6.1	5.6	5.4	5.5	5.8	5.6	5.7	6.0	5.9	5.9
8	6.5	6.1	6.2	5.5	5.4	5.4	6.3	5.8	5.9	6.1	5.9	5.9
9	6.2	6.0	6.1	5.6	5.4	5.4	6.2	5.8	5.9	5.9	5.9	5.9
10	6.1	6.0	6.0	6.1	5.4	5.6	6.3	5.8	6.0	5.9	5.5	5.7
11	6.1	5.9	6.0	5.8	5.6	5.7	6.0	5.8	5.8	5.7	5.6	5.6
12	6.2	5.9	6.0	5.7	5.6	5.7	5.9	5.8	5.8	5.8	5.6	5.7
13	6.1	5.3	5.9	5.8	5.6	5.7	5.9	5.8	5.8	5.8	5.7	5.8
14	5.6	5.5	5.6	5.9	5.7	5.8	6.1	5.8	5.9	5.8	5.7	5.8
15	6.2	5.5	5.7	5.9	5.8	5.9	5.9	5.8	5.8	5.8	5.7	5.8
16	6.0	5.7	5.8	5.9	5.7	5.8	5.9	5.9	5.9	5.9	5.7	5.8
17	5.9	5.8	5.8	5.9	5.8	5.8	6.0	5.9	5.9	5.9	5.8	5.8
18	6.3	5.8	5.9	5.9	5.8	5.9	6.0	5.9	5.9	6.3	5.8	6.0
19	6.3	5.8	5.9	6.0	5.8	5.9	6.0	5.9	6.0	6.2	5.9	6.0
20	6.2	5.8	6.0	6.1	5.9	6.0	6.0	6.0	6.0	6.0	5.9	5.9
21	6.0	5.9	5.9	6.1	5.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0
22	6.0	5.9	6.0	6.1	5.9	6.0	6.1	6.0	6.1	6.1	6.0	6.0
23	6.0	5.8	5.9	6.3	6.0	6.1	6.2	6.1	6.1	6.5	6.0	6.1
24	6.0	5.8	5.9	6.5	6.0	6.2	6.2	6.1	6.2	6.5	6.0	6.3
25	6.2	5.8	6.0	6.4	6.1	6.2	6.1	6.1	6.1	6.5	6.5	6.5
26	6.2	5.9	6.1	6.2	6.1	6.2	6.4	6.0	6.1	6.5	6.5	6.5
27	6.0	5.9	5.9	6.2	6.0	6.1	6.1	5.9	6.0	6.5	6.4	6.5
28	6.0	5.9	6.0	6.2	6.0	6.1	6.1	6.0	6.0	6.5	6.4	6.5
29	6.3	6.0	6.1	6.8	6.0	6.2	6.1	5.9	6.0	6.5	6.4	6.4
30	6.1	6.0	6.0	6.6	6.1	6.3	6.0	5.8	5.9	6.4	6.3	6.3
31				6.2	6.1	6.1	6.4	5.8	6.0			
MONTH	6.8	5.3	6.0	6.8	5.4	5.9	6.5	5.6	6.0	6.5	5.5	6.0

TEMPERATURE, WATER, DEGREES CELSIUS WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

				WATER Y	EAR OCT	OBER 2002 T	O SEPTEM.	BER 2003				
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	(OCTOBER	!	N	OVEMBE		D	ECEMBE	ER		JANUARY	<i>T</i>
1	19.3	18.6	18.9	13.6	11.7	12.7	10.6	8.3	9.4	13.4	11.1	12.3
2	19.3	18.6	18.9	12.9	11.6	12.3	9.8	7.4	8.8	11.7	10.7	11.4
3	19.4	18.7	19.0	13.2	11.8	12.5	10.9	8.2	9.6	11.9	9.9	11.2
4	19.4	18.7	19.0	13.9	12.6	13.3	8.2	6.3	7.3	10.1	8.1	9.2
5	19.5	18.8	19.1	13.6	13.0	13.3	7.0	1.8	5.1	9.7	7.2	8.4
6	19.4	18.5	19.0	14.3	12.4	13.4	7.6	6.6	7.3	10.5	8.2	9.2
7	19.3	18.7	19.0	12.9	11.6	12.2	8.6	5.9	7.2	8.6	6.7	7.7
8	18.9	17.2	17.8	13.4	10.8	12.1	9.6	6.6	8.0	10.1	7.4	8.7
9	18.6	17.1	17.8	14.7	11.6	13.2	8.9	8.0	8.5	11.9	9.0	10.4
10	18.6	17.4	18.1	16.9	13.8	15.5	8.7	7.7	8.2	11.8	8.9	10.7
11	21.5	18.4	19.9	17.6	16.6	17.1	9.0	6.2	8.4	9.4	7.3	8.3
12	20.4	19.4	20.0	17.0	14.3	16.1	11.0	8.9	9.8	8.2	6.2	7.2
13	19.8	18.8	19.3	14.3	12.8	13.6	9.7	6.5	8.2	8.6	6.2	7.4
14	19.2	16.1	17.4	13.9	11.9	12.9	10.2	8.2	9.2	9.3	6.7	7.9
15	16.1	15.1	15.5	14.1	11.6	12.9	10.0	7.8	8.9	8.6	6.2	7.4
16	17.4	16.0	16.7	15.0	13.8	14.4	11.1	8.5	9.7	8.0	6.0	6.8
17	16.7	15.1	16.0	14.0	11.9	13.4	9.9	8.2	9.1	8.4	5.9	7.0
18	15.7	13.8	14.8	12.6	11.0	11.8	10.3	8.4	9.4	7.0	4.7	5.7
19	15.7	13.4	14.6	12.8	10.1	11.4	11.6	9.8	10.4	7.1	4.5	5.6
20	17.0	14.6	15.8	13.4	10.8	12.1	13.8	10.4	12.5	9.1	5.3	7.1
21	17.5	15.5	16.5	13.6	11.9	12.7	10.8	9.1	10	7.6	6.6	7.2
22	16.1	14.3	15.5	13.2	11.1	12.4	11.5	8.7	10.1	8.0	5.5	6.7
23	16.5	14.5	15.6	11.8	10.0	10.9	11.1	8.9	10.0	6.6	3.6	5.0
24	15.8	15.2	15.6	12.7	10.0	11.3	10.0	7.6	9.2	5.9	3.3	4.4
25	15.8	15.2	15.5	13.1	10.4	11.7	9.6	7.5	8.7	7.2	3.8	5.2
26 27 28 29 30 31	16.6 16.6 17.0 15.7 14.1 13.9	15.2 15.6 15.7 13.6 11.0 12.6	15.9 16.1 16.3 14.6 13.3 13.2	12.7 11.9 10.3 9.9 11.9	10.3 10.1 8.6 7.7 9.6	11.5 11.1 9.5 8.9 10.7	9.1 8.9 9.2 10.4 11.0 11.8	7.2 6.5 6.6 7.3 7.7 9.1	8.0 7.7 7.8 8.7 9.3 10.5	7.8 6.5 7.0 8.8 8.7 7.5	4.5 4.2 3.9 6.1 4.1 5.7	6.0 5.5 5.3 7.6 6.9 6.9
MONTH	21.5	11.0	16.9	17.6	7.7	12.6	13.8	1.8	8.9	13.4	3.3	7.6
	F	EBRUAR	Y		MARCH			APRIL			MAY	
1	9.6	7.5	8.3	9.5	7.4	8.5	14.3	9.1	11.6	18.8	16.0	17.4
2	9.6	7.0	8.1	11.7	7.4	9.4	16.9	11.8	14.1	18.9	15.9	17.3
3	11.6	7.4	9.4	11.7	7.9	9.5	17.6	12.5	15.0	17.7	16.0	16.9
4	12.6	9.1	11.0	11.9	7.6	9.7	17.6	13.6	15.6	16.7	14.8	15.6
5	10.3	7.6	8.9	13.7	10.4	11.8	16.7	14.4	15.5	14.8	13.8	14.3
6	8.9	5.5	7.5	13.1	11.3	12.2	16.6	13.3	14.8	17.7	14.7	16.2
7	8.1	3.9	6.3	11.3	8.1	9.3	13.9	10.5	11.8	19.2	16.2	17.4
8	8.6	5.8	7.0	12.7	7.2	9.8	11.5	10.4	11.2	20.4	17.1	18.5
9	9.1	6.0	7.3	14.7	9.8	11.8	10.7	9.1	10.1	21.0	17.4	19.0
10	7.6	5.8	6.9	13.2	9.4	10.9	10.3	8.6	9.4	20.9	17.9	19.3
11	9.3	5.6	7.3	11.4	8.5	9.7	11.3	9.9	10.4	21.0	18.4	19.4
12	10.1	6.6	8.0	14.3	8.2	11.0	15.1	10.6	12.6	19.4	16.9	18.0
13	9.3	5.6	7.4	15.3	10.6	12.8	15.8	11.5	13.6	18.6	15.5	16.8
14	9.0	6.7	8.0	13.9	10.4	12.3	16.5	11.8	14.2	18.4	14.5	16.3
15	10.2	8.2	9.2	11.6	9.6	10.6	17.4	12.7	15.1	17.6	15.7	16.5
16	8.2	3.2	6.1	13.8	10.4	11.9	17.8	13.6	15.7	18.5	15.9	17.1
17	6.3	3.3	5.2	15.1	12.4	13.5	17.7	13.9	15.6	17.2	15.7	16.6
18	7.3	4.2	6.2	15.2	13.1	13.9	14.2	12.8	13.2	15.7	14.8	15.3
19	9.0	5.7	7.2	13.3	11.6	12.6	14.0	12.7	13.3	15.8	14.5	15.0
20	10.1	7.8	8.6	12.1	9.7	11.1	15.4	12.7	13.9	18.0	14.4	16.1
21	9.2	7.6	8.6	14.4	11.6	12.7	16.1	13.1	14.5	18.0	15.5	16.8
22	13.2	8.9	10.4	16.4	11.4	13.6	17.1	14.4	15.7	17.4	16.4	16.7
23	11.7	8.5	10.8	15.6	11.4	13.4	15.7	12.6	14.2	17.0	16.4	16.6
24	12.2	7.3	9.6	16.4	11.8	13.8	15.6	11.7	13.8	17.8	16.1	16.8
25	11.6	9.0	10.1	16.9	11.1	13.8	15.1	13.8	14.2	19.0	16.3	17.2
26 27 28 29 30 31	9.0 7.1 8.3 	7.1 3.8 4.5 	8.0 5.3 6.8 	17.2 16.2 16.7 18.3 16.2 13.1	12.3 12.6 12.3 15.1 10.6 9.3	14.5 14.1 14.5 16.3 12.8 10.9	16.1 17.0 17.7 18.6 19.1	14.4 14.2 13.6 14.9 15.5	15.0 15.5 15.7 16.6 17.3	18.6 17.6 18.4 17.9 18.6 17.7	17.2 16.4 15.5 15.7 15.4 16.0	17.8 17.1 16.8 16.6 16.9 16.8
MONTH	13.2	3.2	8.0	18.3	7.2	12.0	19.1	8.6	14.0	21.0	13.8	16.9

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN		
		JUNE		JULY				AUGUST		S	SEPTEMBER			
1	18.6	15.8	16.9	20.3	19.5	19.9	23.5	20.8	21.7	23.1	21.7	22.4		
2	20.2	14.7	16.8	23.2	19.3	20.8	23.5	21.3	22.2	22.9	21.2	22.1		
3	22.6	15.9	18.3	21.5	19.7	20.5	22.5	21.0	21.7	22.7	21.2	21.9		
4	19.4	17.7	18.4	21.6	19.1	20.3	21.8	20.9	21.2	22.8	21.2	21.9		
5	19.9	17.4	18.5	22.9	20.0	21.2	22.4	20.9	21.7	21.4	20.3	20.9		
6	24.0	16.1	19.0	22.8	20.2	21.3	21.9	20.3	21.0	20.3	18.8	19.3		
7	22.4	18.2	19.6	22.6	20.5	21.3	21.3	20.6	20.9	20.2	18.6	19.3		
8	24.4	19.2	20.8	23.0	20.3	21.4	24.5	20.4	22.4	19.9	19.0	19.4		
9	20.9	18.8	19.8	23.2	20.5	21.6	23.9	21.7	22.5	20.5	18.9	19.6		
10	20.8	17.7	19.2	23.1	20.3	21.4	24.7	21.0	22.5	19.6	18.4	18.9		
11	21.5	18.0	19.6	23.1	20.2	21.3	22.9	21.4	22.0	19.2	17.4	18.3		
12	22.0	18.9	20.0	22.5	20.1	21.0	22.4	20.8	21.6	18.9	18.1	18.5		
13	21.6	19.5	20.3	20.7	19.6	20.0	22.0	20.9	21.4	19.1	18.2	18.7		
14	21.9	19.2	20.3	21.2	19.4	20.2	25.8	20.9	22.6	20.2	18.9	19.5		
15	23.5	19.5	20.6	21.5	19.6	20.4	22.8	21.5	22.2	20.5	18.7	19.6		
16	22.2	19.8	20.9	23.0	19.8	21.1	22.0	21.1	21.5	19.9	18.6	19.5		
17	19.8	19.1	19.4	21.9	20.0	20.8	22.3	21.0	21.5	19.1	17.3	18.3		
18	22.5	18.9	19.8	22.6	19.7	20.9	21.9	20.7	21.3	18.9	17.9	18.4		
19	21.7	19.7	20.5	21.3	19.9	20.4	21.8	20.5	21.1	20.3	18.2	19.2		
20	20.7	19.1	19.8	22.1	19.3	20.5	22.1	20.6	21.2	20.2	17.9	19.1		
21	19.5	17.7	18.6	22.8	19.6	20.9	22.1	20.2	21.1	20.4	18.2	19.3		
22	19.5	16.9	18.2	23.4	20.5	21.7	22.3	20.7	21.3	20.7	19.4	19.9		
23	20.4	17.6	18.8	21.0	20.1	20.4	22.1	20.5	21.2	21.4	19.1	20.6		
24	20.7	17.5	18.9	22.8	19.9	20.8	21.6	20.5	21.0	19.9	17.9	18.9		
25	21.3	18.0	19.4	21.7	19.6	20.7	21.7	19.6	20.6	19.9	17.5	18.7		
26 27 28 29 30 31	21.7 21.8 20.3 21.6 21.9	18.4 19.1 19.1 18.7 19.4	19.9 20.2 19.6 19.9 20.4	22.5 22.8 23.0 24.3 25.6 21.7	19.8 20.1 20.4 20.2 21.5 20.6	20.9 21.2 21.4 21.5 22.8 21.1	22.1 22.6 22.9 23.1 23.2 24.2	20.1 20.5 20.9 21.2 21.3 21.1	21.1 21.5 21.8 22.1 22.1 22.5	19.9 19.9 19.8 18.1 16.9	17.6 17.6 18.1 16.1 15.0	18.8 18.8 19.1 17.0 16.0		
MONTH	24.4	14.7	19.4	25.6	19.1	21.0	25.8	19.6	21.6	23.1	15.0	19.4		

0208762750 UNNAMED TRIB TO SWIFT CREEK NEAR YATES MILL POND, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX		MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBI	ER	Ε	DECEMBE	ER		JANUARY	
1 2 3 4 5	1.5 1.3 2.1 2.2 2.3	0.4 0.4 0.1 0.2 0.2	0.7 0.6 0.8 0.9 0.9	8.0 7.6 7.6 7.4 7.6	6.6 6.6 6.0 6.6 6.8	7.6 7.2 7.0 7.0 7.2	7.1 7.6 7.2 8.1 11.2	6.1 6.4 6.4 6.8 8.0	6.6 7.0 6.8 7.7 9.0	8.4 8.7 8.2 9.0 9.4	7.4 7.9 7.8 8.0 8.2	7.7 8.2 8.0 8.4 8.7
6 7 8 9 10	3.1 3.9 6.5 7.9 5.9	0.3 0.3 0.5 2.2 1.0	1.5 1.6 4.0 4.5 2.9	8.9 7.3 7.1 6.9 6.1	6.9 6.6 6.1 5.6 5.0	7.6 7.0 6.6 6.3 5.6	8.2 8.2 7.9 7.9 7.6	7.8 7.5 7.0 7.0 7.0	8.0 7.9 7.5 7.4 7.3	9.3 10.4 10.1 10.9 11.4	7.9 8.2 8.0 7.9 7.9	8.3 9.0 8.8 8.7 8.8
11 12 13 14 15	9.4 7.0 5.5 5.1 5.8	0.6 5.3 4.2 4.1 4.6	4.7 6.2 4.7 4.5 5.0	5.4 6.9 7.7 6.6 6.3	4.8 4.8 6.5 6.0 5.3	5.0 5.9 7.0 6.3 5.9	7.8 7.9 11.8 10.1 9.4	6.9 6.7 6.7 9.1 8.8	7.2 7.1 8.9 9.5 9.1	12.2 13.1 13.8 14.2 14.4	8.6 9.4 9.2 9.2 9.1	9.8 10.5 10.6 10.6 10.6
16 17 18 19 20	6.3 5.6 6.1 7.3 7.3	5.0 4.6 4.6 5.2 5.9	5.5 5.1 5.2 6.3 6.5	5.4 6.1 6.4 6.5 6.6	4.8 5.2 6.0 5.7 5.6	5.2 5.5 6.2 6.1 6.0	9.4 9.8 9.6 8.6 7.9	8.6 9.2 8.4 7.8 7.3	8.9 9.5 9.1 8.2 7.6	14.9 14.6 14.1 13.5 12.6	9.6 9.7 10.0 10.3 9.5	11.3 11.0 11.3 11.2 10.6
21 22 23 24 25	9.3 8.9 8.1 7.8 7.9	5.8 7.7 7.2 7.3 7.4	8.2 8.2 7.7 7.5 7.6	6.1 6.0 6.2 6.4 6.4	5.5 5.5 5.7 5.5 5.6	5.8 5.7 5.9 5.9	8.6 8.7 8.9 9.7 9.1	7.8 7.6 7.7 7.8 8.2	8.1 8.1 8.2 8.4 8.5	11.2 12.7 12.0 15.8 16.2	9.6 10.0 10.1 10.7 10.3	10.2 10.8 10.9 12.0 11.8
26 27 28 29 30 31	 8.1	 7.4	 7.8	6.3 6.5 7.2 7.3 6.8	5.5 5.7 6.0 6.4 6.0	5.9 6.0 6.7 6.9 6.4	9.0 9.2 9.1 9.2 9.6 9.9	8.4 8.2 8.0 7.8 7.6 7.2	8.6 8.7 8.6 8.4 8.4 8.1	14.7 10.7	10.0 9.2	11.4 10.1
MONTH				8.9	4.8	6.3	11.8	6.1	8.1			
		FEBRUARY			MARCH]		APRIL			MAY	
1 2 3 4 5	10.6 10.5 9.8 8.8 9.6	8.5 8.2 7.5 7.4 7.8	9.3 9.1 8.5 7.8 8.5	10.6 11.0 	8.9 9.0 	9.4 9.7 	9.8 9.0 8.8 8.9 8.4	7.7 7.2 7.1 6.9 6.9	8.6 8.0 7.8 7.8 7.4	6.7 6.8 6.4 7.2 7.0	5.4 5.1 5.1 5.5 5.8	5.9 5.7 5.7 6.2 6.3
6 7 8 9 10	9.7 10.3 8.4 7.9 8.3	8.0 7.2 7.2 6.4 6.6	8.7 8.5 7.7 7.2 7.4	 	 	 	9.0 8.9 9.0 9.9 10.7	7.2 7.3 8.0 8.5 8.5	7.9 8.2 8.4 9.1 9.9	6.5 6.4 7.3 7.2 7.2	5.0 5.1 5.6 5.7 5.8	5.8 5.7 6.6 6.6 6.5
11 12 13 14 15	8.1 7.8 10.5 8.3 6.6	6.8 6.3 6.0 5.6 5.0	7.4 7.0 7.3 6.8 5.8	9.4 9.8 9.8	7.9 8.2 8.3	8.6 8.9 8.9	10.0 9.0 8.9 8.9 8.8	8.7 7.8 7.8 7.7 7.4	9.3 8.6 8.4 8.3 8.2	7.0 7.2 7.6 7.8 7.8	5.9 6.0 6.6 6.5 6.4	6.4 6.5 7.1 7.1 6.9
16 17 18 19 20	8.0 10.5 10.9 9.8 9.4	5.0 7.6 9.0 8.5 8.2	6.3 9.7 9.5 9.2 8.7	9.4 9.0 8.8 9.1 10.3	8.0 7.5 7.4 7.4 7.8	8.6 8.1 7.9 8.0 9.0	8.7 9.1 9.0 8.6 8.5	7.6 7.3 8.1 7.5 7.1	8.1 8.2 8.6 8.1 7.8	7.7 7.8 8.0 8.1 8.0	6.2 6.2 6.8 7.4 6.0	7.0 6.9 7.3 7.8 7.2
21 22 23 24 25	9.0 9.0 8.6 9.1 9.0	8.0 7.9 7.9 8.0 8.1	8.4 8.3 8.3 8.6 8.4	8.8 8.6 8.5 8.6 8.8	7.9 7.5 7.6 7.5 7.4	8.4 8.1 8.1 8.0 8.0	8.0 7.2 7.6 7.8 7.0	6.6 6.2 6.4 6.5 6.2	7.3 6.6 7.0 7.1 6.6	6.8 7.7 7.5 6.6 6.9	5.9 5.9 5.8 5.3 5.5	6.4 7.2 6.9 6.1 6.1
26 27 28 29 30 31	9.1 11.8 11.0 	8.2 8.7 9.3 	8.7 10.1 9.9 	8.7 9.0 9.0 8.6 9.0 9.5	7.2 7.3 7.2 6.9 7.0 8.1	7.8 8.0 8.0 7.5 8.0 8.7	6.6 7.0 6.8 6.7 6.7	5.9 5.8 5.5 5.4 5.3	6.2 6.3 6.2 6.0 5.9	6.4 6.4 6.6 6.6 6.7 7.0	5.4 5.7 5.6 5.6 5.2 5.4	6.0 6.0 6.0 6.0 6.0
MONTH	11.8	5.0	8.3				10.7	5.3	7.7	8.1	5.0	6.4

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER—CONTINUED WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST		S	ER	
1 2 3 4 5	6.6 7.3 	5.6 5.6 	5.9 6.3 	6.0 7.5 6.5 6.7 6.3	5.3 5.4 4.4 5.6 5.3	5.7 6.0 5.5 6.2 5.8	6.5 6.4 6.2 5.9 6.6	5.4 6.0 5.4 5.3 3.9	5.8 6.1 5.8 5.7 5.6	7.2 7.2 6.8 6.7 6.9	6.0 6.2 5.9 6.0 6.1	6.6 6.7 6.4 6.3 6.5
6 7 8 9 10	 	 	 	6.0 5.9 5.8 5.8 6.5	5.1 5.0 5.0 4.8 5.0	5.6 5.5 5.4 5.3 5.7	6.1 5.7 7.5 6.8 6.4	5.4 5.3 5.3 4.0 4.1	5.8 5.5 5.9 4.9 4.8	7.2 7.2 7.9 7.3 7.4	6.3 6.3 6.4 6.4 6.2	6.8 6.8 7.0 6.9 6.7
11 12 13 14 15	 7.0 6.7	5.8 5.8	6.5 6.4	6.2 6.2 5.9 6.3 6.3	5.7 5.4 5.5 5.5 5.7	6.0 5.9 5.7 5.9 6.0	5.2 4.3 4.1 6.9 4.9	4.1 3.8 3.8 3.9 4.2	4.4 4.0 4.0 4.7 4.6	6.5 6.0 5.9 5.9 5.9	5.7 5.6 5.6 5.5 5.4	6.2 5.8 5.8 5.8 5.7
16 17 18 19 20	6.8 6.5 6.3 6.0 6.1	6.2 6.1 5.8 5.6 5.7	6.4 6.3 6.1 5.9 5.8	6.4 6.7 6.8	5.8 6.0 6.1	6.1 6.3 6.4 	4.5 4.5 4.9	4.2 4.2 4.3	4.4 4.4 4.6 	5.9 6.1 7.0 6.5 6.0	5.5 5.6 5.8 5.6 5.3	5.7 5.9 6.3 6.0 5.7
21 22 23 24 25	6.2 6.3 6.2 6.3 6.6	5.7 5.8 5.7 5.7 5.7	6.0 6.1 6.0 6.0 6.2	6.5 6.5	5.3 5.4	 5.9 5.9	 	 	 	5.9 7.0	5.2 6.2	5.4 6.6
26 27 28 29 30 31	6.6 6.5 6.5 6.7 6.5	5.5 5.4 5.5 5.4 5.3	6.0 5.9 5.9 6.0 5.9	6.2 6.4 6.3 6.5 6.6 6.2	5.3 5.6 5.5 5.7 5.8 5.4	5.7 5.9 5.9 6.0 6.1 5.9	5.4 5.5 5.3 5.3 8.3	4.6 4.6 4.7 4.4 4.8	5.0 5.0 5.0 5.0 6.4	6.8 6.7 6.4 6.9 7.3	6.0 6.0 6.1 6.2 6.7	6.5 6.4 6.3 6.7 7.0
MONTH												

0208762750 UNNAMED TRIB TO SWIFT CREEK NEAR YATES MILL POND, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAW	34437	MINI	MEAN				MAN		MEAN	3.6.37	MINI	MEAN
DAY	MAX	MIN OCTOBER	MEAN	MAX	MIN OVEMBE	MEAN	MAX	MIN ECEMBE	MEAN	MAX	MIN JANUARY	MEAN
1	16	4	8	77	63	72	63	ECEMBE 54	58	78	68	72
2	14	4	7	72	62	67	67	57	60	80	72	75
3 4	23 24	1 2	9 10	72 72	57 62	66 67	65 68	56 58	60 64	76 80	70 71	73 73
5	25	2	10	73	65	69	81	65	70	82	70	74
6	34	3 3	16	84	65	73	69	65	67	83	69 70	73
7 8	42 68	5	17 42	69 67	61 57	65 62	68 68	63 60	65 63	88 89	70 70	75 76
9 10	85 63	23 11	48 31	67 63	54 51	60 56	68 65	60 60	63 62	101 105	71 71	78 80
11	106	6	52	57	49	52	65	58	62	107	74	83
12	78	58	68	71	49	60	71 97	59	63	111	77	87
13 14	60 53	46 44	51 47	74 63	62 56	67 60	97 86	59 78	75 82	117 124	78 78	88 90
15	59	46	51	60	51	56	82	76	79	124	77	89
16 17	65 58	51 46	57 51	52 57	47 50	51 52	86 87	75 80	79 82	125 125	79 79	93 91
18	60	45	52	60	55	57	86	74	80	116	80	90
19 20	74 74	50 61	62 66	59 60	53 53	56 56	78 75	71 69	74 72	112 109	81 80	89 88
21	97	60	85	58	52	55	78	69	72	94	80	85
22 23	87 82	78 73	82 78	57 57	51 52	54 53	79 81	69 69	72 73	107 95	81 81	89 86
24	79	73	76	60	51	54	82	69	73	127	81	93
25	80	74	76	60	52	55	77	71	73	133	81	93
26 27				58 60	51 52	54 55	78 78	71 70	73 73	123	81	92
28 29				63 64	53 56	58 60	78 81	69 68	72 72			
30				63	54	58	85	67	73			
31	78	71	74				89	67	73	89	77	83
3 CO 3 TEST												
MONTH				84	47	59	97	54	70			
		FEBRUARY	,		MARCH			APRIL			MAY	
1						59 80 85	97 92 92		70 80 78	72 73		62 60
1 2 3	93 92 89	FEBRUARY 72 69 68	79 77 75	88 92 	78 81	80 85 	92 92 91	APRIL 72 70 70	80 78 78	72 73 67	MAY 56 53 53	60 59
1 2	93 92	FEBRUARY 72 69	79 77	88 92	MARCH 78 81	80 85	92 92	APRIL 72 70	80 78	72 73	MAY 56 53	60
1 2 3 4 5	93 92 89 83 86	72 69 68 67 67 67	79 77 75 71 73	88 92 	78 81 	80 85 	92 92 91 93 86	APRIL 72 70 70 69 69 71	80 78 78 78 75 78	72 73 67 74 68	MAY 56 53 53 56 57 51	60 59 62 62 59
1 2 3 4 5	93 92 89 83 86	72 69 68 67 67	79 77 75 71 73	88 92 	78 81 	80 85 	92 92 91 93 86	72 70 70 69 69	80 78 78 78 75	72 73 67 74 68	MAY 56 53 53 56 57	60 59 62 62
1 2 3 4 5 6 7 8 9	93 92 89 83 86 84 79 70 67	72 69 68 67 67 67 67 60 58 54	79 77 75 71 73 73 69 64 60	88 92 	78 81 	80 85 	92 92 91 93 86 92 82 82 86	72 70 70 69 69 71 71 73 76	80 78 78 78 75 75 78 76 77 81	72 73 67 74 68 68 69 81 81	MAY 56 53 53 56 57 51 52 59 62	60 59 62 62 59 59 70 71
1 2 3 4 5 6 7 8 9	93 92 89 83 86 84 79 70 67	72 69 68 67 67 67 60 58 54 55	79 77 75 71 73 73 69 64 60 61	88 92 	78 81 	80 85 	92 92 91 93 86 92 82 82 86 93	72 70 70 69 69 71 71 73 76 76	80 78 78 78 75 75 78 76 77 81 87	72 73 67 74 68 68 69 81 81	MAY 56 53 53 56 57 51 52 59 62 63	60 59 62 62 59 59 70 71 71
1 2 3 4 5 6 7 8 9 10	93 92 89 83 86 84 79 70 67 67 67	72 69 68 67 67 67 67 67 60 58 54 55 56	79 77 75 71 73 73 69 64 60 61 62 59	88 92 	78 81 	80 85 	92 92 91 93 86 92 82 82 86 93	72 70 70 69 69 71 71 73 76 76 76	80 78 78 78 75 77 76 77 81 87	72 73 67 74 68 68 69 81 81 81	MAY 56 53 53 56 57 51 52 59 62 63 64 64	60 59 62 62 59 59 70 71 71 70
1 2 3 4 5 6 7 8 9 10 11 12 13	93 92 89 83 86 84 79 70 67 67 67 67	72 69 68 67 67 67 60 58 54 55 56 53 51	79 77 75 71 73 73 69 64 60 61	88 92 	78 81 	80 85 82	92 92 91 93 86 92 82 82 86 93 89	72 70 70 69 69 71 71 73 76 76 79	80 78 78 78 75 78 76 77 81 87 83 81 81	72 73 67 74 68 68 69 81 81 81 78 78	MAY 56 53 53 56 57 51 52 59 62 63 64 64 67	60 59 62 62 59 59 70 71 71 70 69 73 72
1 2 3 4 5 6 7 8 9 10	93 92 89 83 86 84 79 70 67 67 67	72 69 68 67 67 67 67 67 60 58 54 55 56	79 77 75 71 73 73 69 64 60 61 62 59 61	88 92 92	78 81 76	80 85 	92 92 91 93 86 92 82 82 86 93	72 70 70 69 69 71 71 73 76 76 76	80 78 78 78 75 77 76 77 81 87	72 73 67 74 68 68 69 81 81 81	MAY 56 53 53 56 57 51 52 59 62 63 64 64	60 59 62 62 59 59 70 71 71 70 69
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	93 92 89 83 86 84 79 70 67 67 70 68 89 71 59	72 69 68 67 67 67 60 58 54 55 56 53 51 47 43	79 77 75 71 73 73 69 64 60 61 62 59 61 57 51	88 92 92 94 89	78 81 76 76 76 75	80 85 82 83 81	92 92 91 93 86 92 82 82 86 93 89 87 87 87 89 91	APRIL 72 70 70 69 69 71 71 73 76 76 76 76 77 77 77 77 77 77 77 77 77	80 78 78 78 75 78 76 77 81 87 83 81 81 81 81	72 73 67 74 68 68 69 81 81 81 81 81 82 82	MAY 56 53 53 56 57 51 52 59 62 63 64 64 67 67 66 65	60 59 62 62 59 59 70 71 71 70 69 73 72 71
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	93 92 89 83 86 84 79 70 67 67 70 68 89 71 59	72 69 68 67 67 67 60 58 54 55 56 53 51 47 43 41 58 73	79 77 75 71 73 73 69 64 60 61 62 59 61 57 51	88 92 92 94 89 85 89 87	78 81 76 76 76 75 72 71	80 85 82 83 81 80 78 77	92 92 91 93 86 92 82 82 86 93 87 87 87 89 91	APRIL 72 70 70 69 69 71 71 73 76 76 76 77 75 75 74 78	80 78 78 78 75 78 76 77 81 87 83 81 81 81 81 81 81 82	72 73 67 74 68 68 69 81 81 81 81 81 82 82 82	MAY 56 53 53 56 57 51 52 59 62 63 64 64 67 67 66 65 64 68	60 59 62 62 59 70 71 71 70 69 73 72 71 72 71 73
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	93 92 89 83 86 84 79 70 67 67 70 68 89 71 59	72 69 68 67 67 67 60 58 54 55 56 53 51 47 43	79 77 75 71 73 73 69 64 60 61 62 59 61 57 51	88 92 92 94 89 85 89	78 81 76 76 76 75 72	80 85 82 83 81 80 78	92 92 91 93 86 92 82 82 86 93 89 87 87 89 91	APRIL 72 70 70 69 69 71 71 73 76 76 76 75 75	80 78 78 78 75 76 77 81 87 83 81 81 81 81 81	72 73 67 74 68 68 69 81 81 81 81 81 81 82 82	MAY 56 53 53 56 57 51 52 59 62 63 64 64 67 67 66 65 64	60 59 62 62 59 59 70 71 71 70 69 73 72 71 72 71 73 77
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	93 92 89 83 86 84 79 70 67 67 70 68 89 71 59 60 84 85 83 83 83	72 69 68 67 67 67 60 58 54 55 56 53 51 47 43 41 58 73 72 70	79 77 75 71 73 73 69 64 60 61 62 59 61 57 51 77 77 76 75	88 92 92 94 89 85 89 87 87 91	78 81 76 76 76 76 77 72 71 70 72	80 85 82 83 81 80 78 77 76 82	92 92 91 93 86 92 82 82 86 93 89 87 87 89 91	APRIL 72 70 70 69 69 71 71 73 76 76 76 77 76 77 76 77 77 78 72 69	80 78 78 78 75 76 77 81 87 83 81 81 81 81 81 81 81 82 78	72 73 67 74 68 68 69 81 81 81 81 82 82 82 82 81	MAY 56 53 53 56 57 51 52 59 62 63 64 64 67 67 66 65 64 68 74 62	60 59 62 62 59 59 70 71 71 70 69 73 72 71 72 71 73 77
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	93 92 89 83 86 84 79 70 67 67 67 67 68 89 71 59 60 84 85 83 83 83	72 69 68 67 67 67 67 60 58 54 55 56 53 51 47 43 41 58 73 72 70 70 68	79 77 75 71 73 73 69 64 60 61 62 59 61 57 51 77 77 76 75	88 92 92 94 89 85 89 87 87 91	78 81 76 76 76 75 72 71 70 72 76 73	80 85 82 83 81 80 78 77 76 82	92 92 91 93 86 92 82 82 86 93 87 87 87 89 91 91 95 86 84 84	APRIL 72 70 70 69 69 71 71 73 76 76 76 76 77 76 76 76 76 67 66 76 75 75 74 78 72 69 66 66 62	80 78 78 78 75 78 76 77 81 87 83 81 81 81 81 81 81 76 77 78 78 77 77 81 81 87 87 87 87 87 87 87 87 87 87 87 87 87	72 73 67 74 68 68 69 81 81 81 81 83 82 82 81 80 82 81 72 80	MAY 56 53 53 56 57 51 52 59 62 63 64 64 67 67 66 65 64 68 74 62 61 61	60 59 62 62 59 59 70 71 71 70 69 73 72 71 72 71 73 77 73
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	93 92 89 83 86 84 79 70 67 67 67 70 68 89 71 59 60 84 85 83 83 77 83 79 81	72 69 68 67 67 67 60 58 54 55 56 53 51 47 43 41 58 73 72 70 68 73 72	79 77 75 71 73 73 69 64 60 61 62 59 61 57 51 77 77 76 75	88 92 92 94 89 85 89 87 87 91 83 84 84 86	78 81 76 76 76 76 76 77 72 71 70 72 76 73 73 73	80 85 82 83 81 80 78 77 76 82 29 79 78	92 92 91 93 86 92 82 82 86 93 87 87 87 89 91 91 95 86 84 84 84 81 75 77 78	72 70 70 69 69 71 71 73 76 76 76 76 76 75 75 74 78 72 69 66 62 62 62 63	80 78 78 78 75 76 77 81 87 83 81 81 81 81 81 82 78 76 72 67 68 69	72 73 67 74 68 68 69 81 81 81 81 78 88 82 82 81 80 82 81 77 69	MAY 56 53 53 55 57 51 52 59 62 63 64 64 67 67 66 65 64 68 74 62 61 61 60 55	60 59 62 62 59 59 70 71 71 70 69 73 72 71 72 71 73 77 73 66 74 71 63
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	93 92 89 83 86 84 79 70 67 67 70 68 89 71 59 60 84 85 83 83 77 83 79 81 82	72 69 68 67 67 67 60 58 54 55 56 53 51 47 43 41 58 73 72 70 68 73 72 71	79 77 75 71 73 73 69 64 60 61 62 59 61 57 51 77 77 76 75 75	88 92 92 94 89 85 89 87 81 83 84 84 86 88	78 81 76 76 76 76 77 72 71 70 72 73 73 73 72 72	80 85 82 83 81 80 78 77 76 82 79 78 78 77 78	92 92 91 93 86 92 82 82 86 93 89 87 87 89 91 91 95 86 84 84 81 75 77 78 69	APRIL 72 70 69 69 71 71 73 76 76 76 76 77 75 74 78 72 69 66 62 62 63 61	80 78 78 78 77 75 78 76 77 81 87 83 81 81 81 81 81 81 82 76 77 67 68 69 65	72 73 67 74 68 68 69 81 81 81 81 81 82 82 81 80 82 81 77 69 75	MAY 56 53 53 56 57 51 52 59 62 63 64 64 67 67 66 65 64 68 74 62 61 60 55 56	60 59 62 62 59 59 70 71 71 70 69 73 72 71 72 71 73 77 73 66 74 71 63 64
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	93 92 89 83 86 84 79 70 67 67 67 70 68 89 71 59 60 84 85 83 83 77 83 79 81	72 69 68 67 67 67 60 58 54 55 56 53 51 47 43 41 58 73 72 70 68 73 72	79 77 75 71 73 73 69 64 60 61 62 59 61 57 51 77 77 76 75	88 92 92 94 89 85 89 87 87 91 83 84 84 86	78 81 76 76 76 76 76 77 72 71 70 72 76 73 73 73	80 85 82 83 81 80 78 77 76 82 79 78 78 77	92 92 91 93 86 92 82 82 86 93 87 87 87 89 91 91 95 86 84 84 84 81 75 77 78	72 70 70 69 69 71 71 73 76 76 76 76 76 75 75 74 78 72 69 66 62 62 62 63	80 78 78 78 75 76 77 81 87 83 81 81 81 81 81 82 78 76 72 67 68 69	72 73 67 74 68 68 69 81 81 81 81 78 88 82 82 81 80 82 81 77 69	MAY 56 53 53 55 57 51 52 59 62 63 64 64 67 67 66 65 64 68 74 62 61 61 60 55	60 59 62 62 59 59 70 71 71 70 69 73 72 71 72 71 73 77 73 66 74 71 63 64
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	93 92 89 83 86 84 79 70 67 67 67 70 68 89 71 59 60 84 85 83 83 77 83 77 83 77 83 78 84 85 85 85 86 86 87 87 87 87 87 87 87 87 87 87 87 87 87	72 69 68 67 67 67 67 60 58 54 55 56 53 51 47 43 41 58 73 72 70 68 73 72 71	79 77 75 71 73 73 69 64 60 61 62 59 61 57 51 77 77 76 75 75 72 74 75 75 75 75	88 92 92 94 89 85 89 87 87 91 83 84 84 86 88 89 91 92	78 81 76 76 76 76 77 72 71 70 72 76 73 73 72 72 72 70 71 72	80 85 82 83 81 80 78 77 76 82 79 78 78 77 78	92 92 91 93 86 92 82 82 86 93 87 87 87 89 91 91 95 86 84 84 84 81 75 77 78 69	APRIL 72 70 70 69 69 71 71 73 76 76 76 76 77 75 75 74 78 72 69 66 62 62 63 61 59 59	80 78 78 78 75 78 76 77 81 87 83 81 81 81 81 81 81 82 78 76 67 68 69 65 62 64 63	72 73 67 74 68 68 69 81 81 81 81 82 82 82 81 72 80 77 69 75	MAY 56 53 53 56 57 51 52 59 62 63 64 64 67 66 65 64 68 74 62 61 61 60 55 56 57 58 58	60 59 62 62 59 59 70 71 71 70 69 73 72 71 72 71 73 77 73 66 74 71 63 64
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	93 92 89 83 86 84 79 70 67 67 70 68 89 71 59 60 84 85 83 83 77 83 79 81 82 78 90 85	72 69 68 67 67 67 60 58 54 55 56 53 51 47 43 41 58 73 72 70 70 68 73 72 71 71 72 78	79 77 75 71 73 73 69 64 60 61 62 59 61 57 51 77 77 76 75 75 72 74 75 75 75 75 75	88 92 	78 81 76 76 76 76 772 71 70 72 72 72 70 71 72 71 71	80 85 82 83 81 80 78 77 76 82 79 78 77 78 78 77 78 78	92 92 92 91 93 86 92 82 82 86 93 89 87 87 87 89 91 91 95 86 84 84 84 81 75 77 78 69 66 71 71 72 73	APRIL 72 70 69 69 71 71 73 76 76 76 76 77 75 74 78 72 69 66 62 62 63 61 59 56 55	80 78 78 78 77 78 76 77 81 87 83 81 81 81 81 81 81 82 76 72 67 68 69 65 62 64 63 62 61	72 73 67 74 68 68 69 81 81 81 81 81 82 82 81 80 82 81 77 69 75 67 67 70 69 71	MAY 56 53 53 56 57 51 52 59 62 63 64 64 67 67 66 65 64 68 74 62 61 60 55 56 57 58 58 58	60 59 62 62 59 59 70 71 71 70 69 73 72 71 72 71 73 77 73 66 74 71 63 64 63 64 63 62 62 62
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	93 92 89 83 86 84 79 70 67 67 70 68 89 71 59 60 84 85 83 83 77 83 79 81 82 78	72 69 68 67 67 67 69 58 54 55 56 53 51 47 43 41 58 73 72 70 70 68 73 72 71 71 72 78	79 77 75 71 73 73 69 64 60 61 62 59 61 57 51 77 77 76 75 75 72 74 75 75 75 75 77	88 92 92 94 89 85 89 87 81 83 84 84 86 88 89 91 92 90	78 81	80 85 82 83 81 80 78 77 76 82 79 78 78 77 78 78	92 92 91 93 86 92 82 82 86 93 89 87 87 89 91 91 95 86 84 84 84 81 75 77 78 69 66 71 71 72	APRIL 72 70 69 69 71 71 73 76 76 76 76 76 77 75 74 78 72 69 66 62 62 63 61 59 59 56 56	80 78 78 78 75 78 76 77 81 87 83 81 81 81 81 81 82 78 76 77 68 69 65 62 64 63 62	72 73 67 74 68 68 69 81 81 81 81 82 82 81 80 82 81 77 69 75	MAY 56 53 53 56 57 51 52 59 62 63 64 64 67 66 65 64 68 74 62 61 61 60 55 56 57 58 58	60 59 62 62 59 59 70 71 71 70 69 73 72 71 72 71 73 77 73 66 74 71 63 64 63 63 63 62 62

0208762750 UNNAMED TRIB TO SWIFT CREEK NEAR YATES MILL POND, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION—CONTINUED WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST		S	ER	
1 2 3 4 5	71 78 	57 57 	61 65 	66 88 72 73 71	58 59 49 62 60	62 68 61 69 66	76 76 70 66 76	61 68 61 60 45	66 70 66 64 64	84 82 77 76 77	70 71 68 68 68	76 77 73 73 73
6 7 8 9 10	 	 	 	67 67 67 68 75	57 56 56 55 56	63 62 61 60 64	70 64 88 81 77	61 59 59 46 46	66 61 68 57 56	78 78 86 80 80	70 69 70 71 66	73 74 77 76 72
11 12 13 14 15	 80 78	 64 64	 72 72	72 71 66 71 72	64 61 61 60 63	68 66 63 65 67	60 48 47 85 57	47 43 43 44 48	51 46 45 55 53	69 64 64 65 65	61 60 60 61 59	66 62 62 63 62
16 17 18 19 20	78 71 71 68 68	68 66 64 62 63	72 69 67 65 64	74 77 79 	64 66 67 	69 71 72 	51 52 56 	48 48 49 	50 50 52 	65 66 76 70 64	59 60 61 61 58	62 63 67 65 62
21 22 23 24 25	67 67 69 70 75	61 62 61 61 62	64 65 65 65 67	 74 74	61 60	 66 66	 	 	 	63 74	57 67	59 71
26 27 28 29 30 31	75 74 72 75 74	60 60 60 60 59	66 66 65 66 66	72 74 74 78 79 70	58 62 62 64 66 61	64 67 67 68 72 66	62 62 61 62 99	52 53 54 52 55	57 57 57 57 57 74	72 71 70 72 75	66 65 65 66 69	69 69 68 69 71
MONTH												