

Appendix B

Physical/Chemical Parameters

APPENDIX B
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TABLE B-1 DAILY FRESHWATER FLOW (CU. M/S) ESTIMATED FOR GREEN ISLAND,
NEW YORK, 2000

| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|--------------|------|------|------|------|------|------|-----|-----|-----|-----|-----|------|
| DAY OF MONTH | | | | | | | | | | | | |
| 1 | 197 | 307 | 1551 | 829 | 558 | 439 | 231 | 456 | 188 | 184 | 210 | 426 |
| 2 | 197 | 276 | 1211 | 685 | 541 | 440 | 228 | 469 | 191 | 186 | 215 | 378 |
| 3 | 207 | 282 | 996 | 614 | 555 | 467 | 234 | 508 | 274 | 183 | 210 | 321 |
| 4 | 381 | 261 | 778 | 1157 | 537 | 436 | 236 | 526 | 233 | 144 | 210 | 268 |
| 5 | 1214 | 257 | 679 | 2015 | 410 | 380 | 226 | 302 | 226 | 168 | 208 | 246 |
| 6 | 877 | 257 | 603 | 1613 | 436 | 489 | 222 | 376 | 208 | 260 | 229 | 229 |
| 7 | 583 | 246 | 565 | 1296 | 478 | 1993 | 211 | 323 | 218 | 313 | 190 | 244 |
| 8 | 505 | 252 | 580 | 1044 | 511 | 1458 | 185 | 370 | 194 | 281 | 229 | 232 |
| 9 | 419 | 238 | 696 | 1028 | 444 | 713 | 182 | 270 | 171 | 232 | 223 | 252 |
| 10 | 398 | 222 | 945 | 1269 | 476 | 601 | 195 | 309 | 226 | 185 | 251 | 254 |
| 11 | 637 | 224 | 1070 | 1277 | 1271 | 562 | 242 | 333 | 210 | 216 | 336 | 259 |
| 12 | 804 | 254 | 1324 | 1150 | 1310 | 614 | 277 | 650 | 194 | 195 | 323 | 259 |
| 13 | 592 | 240 | 1358 | 1084 | 1305 | 576 | 224 | 831 | 277 | 176 | 315 | 259 |
| 14 | 421 | 238 | 985 | 877 | 2086 | 1019 | 195 | 458 | 363 | 205 | 332 | 277 |
| 15 | 325 | 267 | 829 | 863 | 1820 | 793 | 254 | 434 | 283 | 176 | 352 | 231 |
| 16 | 301 | 337 | 724 | 891 | 1470 | 637 | 993 | 464 | 330 | 178 | 331 | 240 |
| 17 | 369 | 345 | 826 | 946 | 1194 | 555 | 850 | 520 | 280 | 270 | 352 | 863 |
| 18 | 323 | 328 | 846 | 870 | 961 | 517 | 628 | 482 | 190 | 390 | 334 | 2210 |
| 19 | 336 | 297 | 696 | 918 | 1146 | 451 | 483 | 418 | 216 | 663 | 326 | 1333 |
| 20 | 331 | 287 | 656 | 859 | 1083 | 368 | 354 | 362 | 206 | 479 | 290 | 954 |
| 21 | 320 | 280 | 611 | 832 | 970 | 310 | 324 | 304 | 228 | 361 | 378 | 676 |
| 22 | 342 | 263 | 580 | 1277 | 876 | 410 | 298 | 291 | 171 | 345 | 390 | 558 |
| 23 | 327 | 249 | 544 | 1651 | 597 | 472 | 273 | 277 | 183 | 275 | 289 | 472 |
| 24 | 321 | 286 | 533 | 1478 | 880 | 394 | 257 | 381 | 199 | 249 | 258 | 415 |
| 25 | 330 | 394 | 538 | 1271 | 1188 | 304 | 241 | 374 | 221 | 268 | 244 | 396 |
| 26 | 340 | 792 | 555 | 1028 | 1089 | 372 | 206 | 308 | 215 | 247 | 233 | 379 |
| 27 | 337 | 1225 | 591 | 899 | 961 | 356 | 214 | 284 | 182 | 199 | 401 | 373 |
| 28 | 311 | 2405 | 736 | 858 | 771 | 322 | 226 | 245 | 190 | 259 | 475 | 386 |
| 29 | 289 | 2394 | 1672 | 761 | 607 | 284 | 183 | 210 | 222 | 239 | 476 | 388 |
| 30 | 280 | NA | 1355 | 635 | 551 | 261 | 195 | 206 | 140 | 232 | 505 | 368 |
| 31 | 303 | NA | 1056 | NA | 540 | NA | 389 | 198 | NA | 225 | NA | 376 |

NA = NO DATA AVAILABLE

TABLE B-2 LONG-TERM (1947-1999) AND 2000 MONTHLY MEAN FRESHWATER FLOW (CU. M/S) ESTIMATED FOR GREEN ISLAND, NEW YORK

| <u>MONTH</u> | <u>2000 AVERAGE</u> | <u>LONG-TERM AVERAGE</u> | <u>LONG-TERM MINIMUM</u> | <u>LONG-TERM MAXIMUM</u> |
|-------------------|-------------------------|------------------------------|------------------------------|------------------------------|
| JAN | 417 | 391 | 118 | 961 |
| FEB | 473 | 398 | 128 | 885 |
| MAR | 861 | 612 | 258 | 1,077 |
| APR | 1,066 | 860 | 257 | 1,749 |
| MAY | 891 | 523 | 156 | 1,147 |
| JUN | 566 | 278 | 101 | 839 |
| JUL | 305 | 186 | 87 | 520 |
| AUG | 385 | 159 | 48 | 414 |
| SEP | 221 | 179 | 58 | 482 |
| OCT | 258 | 247 | 71 | 853 |
| NOV | 304 | 359 | 93 | 740 |
| DEC | 468 | 411 | 173 | 989 |
| ANNUAL AVERAGE | 518 | 383 | | |

TABLE B-3 MONTHLY MEAN FRESHWATER FLOW (CU. M/S) ESTIMATED FOR GREEN ISLAND, NEW YORK, 1974 TO 2000

| | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 |
|----------------|------|------|-------|-------|-------|-------|------|-------|------|-------|------|-------|---------|---------|---------|
| JAN | 623 | 540 | 417 | 225 | 744 | 571 | 256 | 148 | 321 | 259 | 133 | 439 | 310 | 262 | 268 |
| FEB | 527 | 548 | 885 | 227 | 400 | 335 | 128 | 851 | 356 | 352 | 552 | 319 | 362 | 201 | 349 |
| MAR | 587 | 670 | 897 | 987 | 619 | 1,077 | 633 | 349 | 613 | 580 | 281 | 581 | 1,018 | 605 | 461 |
| APR | 854 | 724 | 1,040 | 1,092 | 950 | 1,009 | 748 | 384 | 897 | 1,062 | 761 | 456 | 689 | 981 | 476 |
| MAY | 650 | 566 | 900 | 421 | 530 | 508 | 274 | 328 | 354 | 1,036 | 651 | 232 | 363 | 156 | 357 |
| JUN | 249 | 367 | 431 | 207 | 282 | 216 | 192 | 169 | 431 | 358 | 275 | 157 | 428 | 175 | 123 |
| JUL | 333 | 211 | 432 | 162 | 131 | 131 | 144 | 140 | 182 | 127 | 127 | 133 | 250 | 162 | 131 |
| AUG | 180 | 254 | 414 | 154 | 169 | 149 | 130 | 133 | 124 | 155 | 48 | 104 | 350 | 118 | 139 |
| SEP | 294 | 482 | 271 | 408 | 175 | 221 | 118 | 233 | 122 | 133 | 58 | 171 | 218 | 341 | 164 |
| OCT | 256 | 662 | 658 | 853 | 244 | 313 | 158 | 456 | 124 | 71 | 178 | 206 | 336 | 504 | 211 |
| NOV | 486 | 637 | 507 | 663 | 227 | 465 | 242 | 393 | 196 | 224 | 277 | 423 | 544 | 453 | 565 |
| DEC | 548 | 532 | 398 | 749 | 303 | 430 | 273 | 319 | 233 | 624 | 447 | 338 | 524 | 437 | 330 |
| ANNUAL AVERAGE | 466 | 516 | 604 | 512 | 398 | 452 | 275 | 325 | 329 | 415 | 316 | 296 | 449 | 366 | 298 |
| | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | Minimum | Maximum | Average |
| JAN | 196 | 383 | 512 | 304 | 550 | 239 | 490 | 736 | 465 | 922 | 426 | 417 | 133 | 922 | 413 |
| FEB | 256 | 703 | 496 | 236 | 276 | 337 | 263 | 503 | 516 | 437 | 473 | 473 | 128 | 885 | 421 |
| MAR | 332 | 994 | 696 | 408 | 453 | 562 | 514 | 461 | 683 | 873 | 584 | 861 | 281 | 1,077 | 644 |
| APR | 548 | 894 | 655 | 648 | 1,749 | 1,375 | 257 | 939 | 873 | 652 | 593 | 1,066 | 257 | 1,749 | 829 |
| MAY | 620 | 990 | 346 | 501 | 375 | 534 | 158 | 1,081 | 643 | 349 | 214 | 891 | 156 | 1,081 | 520 |
| JUN | 389 | 250 | 144 | 342 | 203 | 233 | 130 | 353 | 180 | 550 | 115 | 566 | 115 | 566 | 278 |
| JUL | 92 | 157 | 112 | 254 | 136 | 248 | 94 | 384 | 153 | 243 | 142 | 305 | 92 | 432 | 190 |
| AUG | 61 | 248 | 123 | 203 | 140 | 265 | 97 | 191 | 126 | 153 | 84 | 385 | 48 | 414 | 174 |
| SEP | 120 | 159 | 136 | 217 | 158 | 190 | 102 | 185 | 127 | 133 | 257 | 221 | 58 | 482 | 200 |
| OCT | 254 | 477 | 216 | 286 | 192 | 177 | 361 | 288 | 133 | 169 | 259 | 257 | 71 | 853 | 307 |
| NOV | 407 | 653 | 301 | 531 | 347 | 251 | 693 | 613 | 293 | 190 | 276 | 304 | 190 | 693 | 413 |
| DEC | 180 | 687 | 364 | 438 | 403 | 396 | 328 | 989 | 268 | 187 | 297 | 468 | 180 | 989 | 426 |
| ANNUAL AVERAGE | 288 | 549 | 342 | 364 | 415 | 401 | 291 | 560 | 372 | 405 | 310 | 518 | | | 401 |

TABLE B-4 POUGHKEEPSIE WATER WORKS DATA, MEAN, MINIMUM, AND MAXIMUM TEMPERATURE (C) FOR EACH DAY OF THE YEAR, 1951-2000

| MONTH | DAY | LONG-TERM TEMPERATURE (1951-1999) | | | 2000 ACTUAL TEMPERATURES |
|-------|-----|-----------------------------------|---------|---------|--------------------------|
| | | MEAN | MINIMUM | MAXIMUM | |
| 1 | 1 | 1.6 | 0.6 | 4.4 | |
| 1 | 2 | 1.6 | 0.0 | 4.4 | |
| 1 | 3 | 1.6 | 0.6 | 4.4 | 2.5 |
| 1 | 4 | 1.6 | 0.6 | 3.3 | 2.5 |
| 1 | 5 | 1.5 | 0.0 | 3.3 | 2.3 |
| 1 | 6 | 1.3 | 0.0 | 3.3 | 2.2 |
| 1 | 7 | 1.3 | 0.0 | 3.3 | 1.9 |
| 1 | 8 | 1.3 | 0.0 | 3.3 | |
| 1 | 9 | 1.3 | 0.0 | 3.3 | |
| 1 | 10 | 1.2 | 0.0 | 2.8 | 1.7 |
| 1 | 11 | 1.2 | 0.0 | 3.7 | 1.9 |
| 1 | 12 | 1.1 | 0.4 | 3.4 | 1.8 |
| 1 | 13 | 1.1 | 0.0 | 3.5 | 1.9 |
| 1 | 14 | 1.1 | 0.0 | 3.2 | 1.8 |
| 1 | 15 | 1.1 | 0.0 | 2.8 | |
| 1 | 16 | 1.1 | 0.4 | 2.8 | |
| 1 | 17 | 1.1 | 0.5 | 2.8 | |
| 1 | 18 | 1.1 | 0.6 | 3.3 | 0.7 |
| 1 | 19 | 1.1 | 0.6 | 2.8 | 0.7 |
| 1 | 20 | 1.0 | 0.5 | 2.2 | 0.8 |
| 1 | 21 | 1.0 | 0.0 | 2.4 | 0.8 |
| 1 | 22 | 1.0 | 0.6 | 2.2 | |
| 1 | 23 | 1.1 | 0.6 | 3.3 | |
| 1 | 24 | 1.0 | 0.0 | 3.3 | 0.9 |
| 1 | 25 | 1.0 | 0.0 | 3.7 | 0.6 |
| 1 | 26 | 1.0 | 0.0 | 3.5 | 0.7 |
| 1 | 27 | 1.0 | 0.0 | 3.1 | 0.7 |
| 1 | 28 | 1.0 | 0.5 | 3.0 | 1.0 |
| 1 | 29 | 1.0 | 0.6 | 2.5 | |
| 1 | 30 | 1.0 | 0.0 | 2.5 | |
| 1 | 31 | 1.0 | 0.6 | 2.8 | 0.6 |
| 2 | 1 | 1.0 | 0.6 | 2.4 | 0.9 |
| 2 | 2 | 1.0 | 0.6 | 2.7 | 0.9 |
| 2 | 3 | 1.0 | 0.6 | 2.2 | 0.7 |
| 2 | 4 | 1.0 | 0.6 | 2.0 | 0.7 |
| 2 | 5 | 0.9 | 0.0 | 1.8 | |
| 2 | 6 | 0.9 | 0.5 | 2.0 | |
| 2 | 7 | 0.9 | 0.2 | 2.2 | 1.0 |
| 2 | 8 | 1.0 | 0.0 | 2.2 | 0.9 |
| 2 | 9 | 0.9 | 0.2 | 2.2 | 0.9 |
| 2 | 10 | 1.0 | 0.2 | 3.3 | 0.9 |
| 2 | 11 | 1.0 | 0.0 | 2.2 | 0.7 |
| 2 | 12 | 1.0 | 0.3 | 2.3 | |
| 2 | 13 | 1.0 | 0.0 | 2.2 | |
| 2 | 14 | 1.1 | 0.3 | 2.8 | 0.7 |
| 2 | 15 | 1.1 | 0.2 | 2.8 | 0.4 |
| 2 | 16 | 1.1 | 0.0 | 2.8 | 0.9 |
| 2 | 17 | 1.2 | 0.6 | 2.8 | 0.7 |
| 2 | 18 | 1.1 | 0.0 | 2.8 | 0.8 |
| 2 | 19 | 1.2 | 0.6 | 2.8 | |
| 2 | 20 | 1.2 | 0.0 | 2.8 | |
| 2 | 21 | 1.2 | 0.4 | 2.8 | |
| 2 | 22 | 1.3 | 0.0 | 3.9 | 1.0 |
| 2 | 23 | 1.3 | 0.0 | 2.8 | 1.1 |
| 2 | 24 | 1.3 | 0.0 | 3.9 | 1.0 |
| 2 | 25 | 1.3 | 0.5 | 3.9 | |
| 2 | 26 | 1.5 | 0.0 | 3.9 | |
| 2 | 27 | 1.5 | 0.0 | 4.4 | |
| 2 | 28 | 1.5 | 0.0 | 5.0 | 0.9 |
| 2 | 29 | 1.8 | 0.6 | 4.4 | 1.3 |
| 3 | 1 | 1.5 | 0.6 | 4.4 | 2.3 |
| 3 | 2 | 1.6 | 0.5 | 4.4 | 1.2 |
| 3 | 3 | 1.6 | 0.5 | 4.4 | 1.4 |
| 3 | 4 | 1.7 | 0.5 | 4.6 | |
| 3 | 5 | 1.6 | 0.5 | 4.6 | |
| 3 | 6 | 1.7 | 0.6 | 4.8 | 2.6 |
| 3 | 7 | 1.8 | 0.6 | 4.8 | 2.6 |
| 3 | 8 | 1.8 | 0.0 | 4.9 | 3.0 |
| 3 | 9 | 1.9 | 0.6 | 4.9 | 3.1 |
| 3 | 10 | 2.0 | 0.6 | 5.4 | 4.3 |
| 3 | 11 | 2.0 | 0.6 | 5.3 | |
| 3 | 12 | 2.1 | 0.5 | 4.5 | |
| 3 | 13 | 2.2 | 0.5 | 4.4 | 5.3 |
| 3 | 14 | 2.3 | 0.6 | 4.4 | 5.0 |
| 3 | 15 | 2.3 | 0.6 | 5.0 | 5.2 |

TABLE B-4 (CONTINUED)

| MONTH | DAY | LONG-TERM TEMPERATURE (1951-1999) | | | 2000 ACTUAL TEMPERATURES |
|-------|-----|-----------------------------------|---------|---------|--------------------------|
| | | MEAN | MINIMUM | MAXIMUM | |
| 3 | 16 | 2.5 | 0.6 | 5.6 | 5.4 |
| 3 | 17 | 2.6 | 0.6 | 5.7 | 5.4 |
| 3 | 18 | 2.6 | 0.5 | 5.9 | |
| 3 | 19 | 2.7 | 0.6 | 7.7 | |
| 3 | 20 | 2.9 | 0.6 | 7.5 | 4.5 |
| 3 | 21 | 2.9 | 0.6 | 7.3 | 4.7 |
| 3 | 22 | 3.1 | 0.6 | 7.2 | 4.9 |
| 3 | 23 | 3.3 | 0.6 | 7.1 | 5.0 |
| 3 | 24 | 3.5 | 0.6 | 7.1 | 5.3 |
| 3 | 25 | 3.6 | 0.6 | 6.4 | |
| 3 | 26 | 3.8 | 0.6 | 6.5 | |
| 3 | 27 | 4.1 | 1.1 | 6.9 | 5.9 |
| 3 | 28 | 4.3 | 1.1 | 6.8 | 6.4 |
| 3 | 29 | 4.5 | 1.1 | 7.5 | 7.5 |
| 3 | 30 | 4.7 | 1.1 | 7.8 | 8.3 |
| 3 | 31 | 5.0 | 1.1 | 8.3 | 8.4 |
| 4 | 1 | 5.3 | 1.7 | 9.4 | |
| 4 | 2 | 5.4 | 2.2 | 9.1 | |
| 4 | 3 | 5.6 | 2.8 | 10.8 | 9.2 |
| 4 | 4 | 5.8 | 2.8 | 10.8 | 9.2 |
| 4 | 5 | 6.1 | 2.8 | 10.8 | 8.8 |
| 4 | 6 | 6.2 | 3.3 | 9.3 | 7.7 |
| 4 | 7 | 6.4 | 2.8 | 9.5 | 7.5 |
| 4 | 8 | 6.5 | 2.8 | 9.4 | |
| 4 | 9 | 6.5 | 2.8 | 9.2 | |
| 4 | 10 | 6.6 | 2.8 | 10.2 | 8.2 |
| 4 | 11 | 6.9 | 2.8 | 11.2 | 8.5 |
| 4 | 12 | 7.1 | 2.8 | 11.4 | 8.3 |
| 4 | 13 | 7.3 | 2.8 | 11.4 | 7.9 |
| 4 | 14 | 7.4 | 2.8 | 11.4 | 7.9 |
| 4 | 15 | 7.6 | 2.8 | 11.5 | |
| 4 | 16 | 7.8 | 3.3 | 11.8 | |
| 4 | 17 | 7.9 | 3.9 | 11.7 | 8.3 |
| 4 | 18 | 8.2 | 5.6 | 11.8 | 8.3 |
| 4 | 19 | 8.5 | 5.6 | 12.2 | 8.8 |
| 4 | 20 | 8.7 | 6.1 | 12.2 | 9.2 |
| 4 | 21 | 9.0 | 6.1 | 12.2 | |
| 4 | 22 | 9.2 | 6.7 | 12.8 | |
| 4 | 23 | 9.4 | 6.7 | 12.8 | |
| 4 | 24 | 9.5 | 6.7 | 13.3 | 10.1 |
| 4 | 25 | 9.7 | 6.7 | 13.3 | 10.2 |
| 4 | 26 | 10.0 | 6.7 | 13.3 | 9.7 |
| 4 | 27 | 10.2 | 7.2 | 13.3 | 9.6 |
| 4 | 28 | 10.4 | 7.8 | 13.3 | 9.7 |
| 4 | 29 | 10.6 | 8.3 | 13.9 | |
| 4 | 30 | 10.9 | 8.9 | 13.9 | |
| 5 | 1 | 11.2 | 8.9 | 14.4 | 10.4 |
| 5 | 2 | 11.4 | 8.9 | 14.4 | 10.6 |
| 5 | 3 | 11.7 | 8.9 | 14.4 | 11.8 |
| 5 | 4 | 12.0 | 8.9 | 15.0 | 11.5 |
| 5 | 5 | 12.1 | 8.9 | 15.0 | 11.8 |
| 5 | 6 | 12.3 | 8.9 | 15.0 | |
| 5 | 7 | 12.5 | 8.9 | 15.0 | |
| 5 | 8 | 12.6 | 8.9 | 15.4 | 14.6 |
| 5 | 9 | 12.8 | 8.9 | 15.6 | 14.7 |
| 5 | 10 | 13.0 | 8.9 | 16.1 | 14.6 |
| 5 | 11 | 13.2 | 9.4 | 16.1 | 15.6 |
| 5 | 12 | 13.2 | 9.4 | 16.2 | 16.1 |
| 5 | 13 | 13.5 | 10.0 | 16.7 | |
| 5 | 14 | 13.6 | 10.6 | 16.7 | |
| 5 | 15 | 13.8 | 11.1 | 16.8 | 16.8 |
| 5 | 16 | 14.1 | 11.1 | 17.2 | 17.6 |
| 5 | 17 | 14.3 | 11.7 | 17.6 | 17.7 |
| 5 | 18 | 14.5 | 11.7 | 17.7 | 17.7 |
| 5 | 19 | 14.8 | 11.7 | 17.7 | 16.6 |
| 5 | 20 | 15.0 | 12.2 | 17.8 | |
| 5 | 21 | 15.3 | 12.8 | 18.0 | |
| 5 | 22 | 15.5 | 12.8 | 18.5 | 15.5 |
| 5 | 23 | 15.8 | 12.8 | 18.9 | 15.3 |
| 5 | 24 | 15.9 | 12.8 | 19.0 | 15.1 |
| 5 | 25 | 16.1 | 12.8 | 19.3 | 15.1 |
| 5 | 26 | 16.3 | 12.2 | 19.4 | 15.2 |
| 5 | 27 | 16.6 | 12.2 | 20.6 | |
| 5 | 28 | 16.8 | 12.2 | 20.6 | |
| 5 | 29 | 17.0 | 12.8 | 20.7 | |

TABLE B-4 (CONTINUED)

| MONTH | DAY | LONG-TERM TEMPERATURE (1951-1999) | | | 2000 ACTUAL TEMPERATURES |
|-------|-----|-----------------------------------|---------|---------|--------------------------|
| | | MEAN | MINIMUM | MAXIMUM | |
| 5 | 30 | 17.2 | 12.8 | 21.5 | 16.4 |
| 5 | 31 | 17.4 | 13.3 | 21.3 | 16.6 |
| 6 | 1 | 17.7 | 13.3 | 22.0 | 17.6 |
| 6 | 2 | 17.9 | 13.3 | 22.2 | 18.3 |
| 6 | 3 | 18.1 | 14.4 | 22.1 | |
| 6 | 4 | 18.3 | 13.9 | 22.5 | |
| 6 | 5 | 18.5 | 15.0 | 22.2 | 18.6 |
| 6 | 6 | 18.7 | 15.6 | 22.4 | 18.2 |
| 6 | 7 | 18.8 | 15.0 | 22.4 | 18.1 |
| 6 | 8 | 19.1 | 16.1 | 22.5 | 17.1 |
| 6 | 9 | 19.2 | 16.1 | 23.0 | 16.3 |
| 6 | 10 | 19.5 | 16.1 | 23.2 | |
| 6 | 11 | 19.7 | 17.2 | 23.4 | |
| 6 | 12 | 19.9 | 17.2 | 23.3 | 17.7 |
| 6 | 13 | 20.1 | 17.8 | 23.4 | 17.8 |
| 6 | 14 | 20.2 | 17.8 | 23.3 | 17.5 |
| 6 | 15 | 20.3 | 17.8 | 23.5 | 17.2 |
| 6 | 16 | 20.4 | 17.8 | 23.8 | 18.1 |
| 6 | 17 | 20.5 | 17.8 | 23.8 | |
| 6 | 18 | 20.8 | 17.8 | 24.2 | |
| 6 | 19 | 20.9 | 17.8 | 24.1 | 18.2 |
| 6 | 20 | 21.0 | 17.8 | 24.0 | 18.4 |
| 6 | 21 | 21.3 | 17.8 | 24.3 | 19.7 |
| 6 | 22 | 21.4 | 17.2 | 24.3 | 19.4 |
| 6 | 23 | 21.6 | 17.2 | 24.1 | 21.1 |
| 6 | 24 | 21.7 | 17.8 | 24.1 | |
| 6 | 25 | 21.8 | 17.8 | 24.2 | |
| 6 | 26 | 22.0 | 17.8 | 24.5 | 21.3 |
| 6 | 27 | 22.1 | 17.8 | 24.4 | 21.7 |
| 6 | 28 | 22.2 | 17.8 | 24.4 | 21.7 |
| 6 | 29 | 22.4 | 17.8 | 25.0 | 22.1 |
| 6 | 30 | 22.5 | 17.8 | 25.0 | 22.1 |
| 7 | 1 | 22.7 | 18.9 | 25.4 | |
| 7 | 2 | 22.8 | 18.9 | 25.0 | |
| 7 | 3 | 22.9 | 19.4 | 25.0 | 22.9 |
| 7 | 4 | 22.9 | 19.4 | 25.0 | |
| 7 | 5 | 23.1 | 20.0 | 25.6 | 23.2 |
| 7 | 6 | 23.3 | 20.0 | 25.6 | 23.5 |
| 7 | 7 | 23.3 | 20.0 | 26.3 | 23.8 |
| 7 | 8 | 23.5 | 20.0 | 26.1 | |
| 7 | 9 | 23.6 | 20.0 | 26.2 | |
| 7 | 10 | 23.6 | 20.6 | 26.2 | 23.8 |
| 7 | 11 | 23.7 | 20.6 | 26.2 | 23.9 |
| 7 | 12 | 23.9 | 21.1 | 26.4 | 23.8 |
| 7 | 13 | 24.0 | 21.7 | 26.7 | 24.1 |
| 7 | 14 | 24.1 | 21.7 | 26.7 | 24.1 |
| 7 | 15 | 24.2 | 21.7 | 26.7 | |
| 7 | 16 | 24.4 | 22.2 | 26.7 | |
| 7 | 17 | 24.4 | 22.2 | 26.6 | 23.9 |
| 7 | 18 | 24.4 | 22.2 | 26.3 | 23.9 |
| 7 | 19 | 24.7 | 22.2 | 26.6 | 23.6 |
| 7 | 20 | 24.7 | 22.2 | 26.8 | 23.9 |
| 7 | 21 | 24.7 | 22.8 | 26.6 | 23.6 |
| 7 | 22 | 24.8 | 22.2 | 27.0 | |
| 7 | 23 | 24.9 | 22.2 | 27.0 | |
| 7 | 24 | 24.9 | 22.8 | 26.8 | 23.7 |
| 7 | 25 | 24.9 | 22.8 | 26.7 | 23.5 |
| 7 | 26 | 25.0 | 22.8 | 26.8 | 23.5 |
| 7 | 27 | 25.2 | 22.8 | 27.2 | 23.5 |
| 7 | 28 | 25.2 | 22.8 | 27.2 | 23.1 |
| 7 | 29 | 25.2 | 22.8 | 27.1 | |
| 7 | 30 | 25.2 | 23.3 | 27.1 | |
| 7 | 31 | 25.3 | 23.3 | 27.1 | 23.0 |
| 8 | 1 | 25.3 | 22.8 | 27.1 | 23.0 |
| 8 | 2 | 25.3 | 22.8 | 27.4 | 23.0 |
| 8 | 3 | 25.4 | 22.8 | 27.3 | 22.9 |
| 8 | 4 | 25.4 | 22.8 | 27.4 | 23.1 |
| 8 | 5 | 25.4 | 23.3 | 27.2 | |
| 8 | 6 | 25.4 | 23.3 | 27.2 | |
| 8 | 7 | 25.4 | 23.3 | 27.4 | 23.2 |
| 8 | 8 | 25.3 | 23.3 | 27.4 | 23.6 |
| 8 | 9 | 25.4 | 23.3 | 27.8 | 23.7 |
| 8 | 10 | 25.3 | 23.3 | 27.8 | 24.1 |
| 8 | 11 | 25.3 | 22.8 | 27.8 | 24.1 |
| 8 | 12 | 25.3 | 22.8 | 28.1 | |

TABLE B-4 (CONTINUED)

| MONTH | DAY | LONG-TERM TEMPERATURE (1951-1999) | | | 2000 ACTUAL TEMPERATURES |
|-------|-----|-----------------------------------|---------|---------|--------------------------|
| | | MEAN | MINIMUM | MAXIMUM | |
| 8 | 13 | 25.2 | 22.2 | 28.0 | |
| 8 | 14 | 25.1 | 22.2 | 28.4 | 24.2 |
| 8 | 15 | 25.1 | 22.2 | 28.4 | 24.0 |
| 8 | 16 | 25.1 | 22.2 | 28.4 | 23.6 |
| 8 | 17 | 25.0 | 22.2 | 28.1 | 23.7 |
| 8 | 18 | 25.0 | 22.8 | 28.0 | 23.5 |
| 8 | 19 | 24.9 | 22.2 | 27.7 | |
| 8 | 20 | 24.9 | 22.8 | 27.6 | |
| 8 | 21 | 24.9 | 22.2 | 27.5 | 22.5 |
| 8 | 22 | 24.8 | 22.2 | 27.1 | 22.6 |
| 8 | 23 | 24.7 | 22.8 | 26.9 | 22.5 |
| 8 | 24 | 24.7 | 22.2 | 26.7 | 22.4 |
| 8 | 25 | 24.6 | 21.7 | 26.2 | 22.5 |
| 8 | 26 | 24.5 | 21.7 | 26.1 | |
| 8 | 27 | 24.5 | 22.2 | 26.2 | |
| 8 | 28 | 24.4 | 22.2 | 26.1 | 22.8 |
| 8 | 29 | 24.3 | 22.2 | 26.7 | 22.8 |
| 8 | 30 | 24.4 | 22.2 | 26.1 | 22.7 |
| 8 | 31 | 24.2 | 22.2 | 26.1 | 22.9 |
| 9 | 1 | 24.3 | 22.2 | 26.1 | 23.3 |
| 9 | 2 | 24.2 | 22.2 | 26.7 | |
| 9 | 3 | 24.1 | 22.2 | 26.1 | |
| 9 | 4 | 23.9 | 22.2 | 25.6 | |
| 9 | 5 | 23.9 | 21.7 | 25.6 | 23.1 |
| 9 | 6 | 23.8 | 22.2 | 25.6 | 22.7 |
| 9 | 7 | 23.7 | 21.6 | 25.6 | 22.7 |
| 9 | 8 | 23.6 | 21.7 | 25.6 | 22.7 |
| 9 | 9 | 23.5 | 21.7 | 25.6 | |
| 9 | 10 | 23.4 | 21.1 | 25.6 | |
| 9 | 11 | 23.3 | 21.1 | 25.6 | 22.8 |
| 9 | 12 | 23.2 | 21.1 | 25.6 | 22.7 |
| 9 | 13 | 23.0 | 20.0 | 25.6 | 22.6 |
| 9 | 14 | 22.8 | 18.9 | 25.0 | 22.0 |
| 9 | 15 | 22.7 | 17.8 | 25.0 | 22.4 |
| 9 | 16 | 22.4 | 17.2 | 25.0 | |
| 9 | 17 | 22.3 | 17.2 | 25.0 | |
| 9 | 18 | 22.1 | 16.7 | 25.0 | 21.9 |
| 9 | 19 | 22.0 | 16.7 | 23.9 | 22.1 |
| 9 | 20 | 21.8 | 17.2 | 23.9 | 21.3 |
| 9 | 21 | 21.5 | 16.7 | 23.3 | 21.3 |
| 9 | 22 | 21.3 | 16.1 | 23.3 | |
| 9 | 23 | 21.1 | 16.1 | 23.1 | |
| 9 | 24 | 20.8 | 15.6 | 22.8 | |
| 9 | 25 | 20.7 | 15.6 | 22.8 | 20.3 |
| 9 | 26 | 20.5 | 15.6 | 22.3 | 22.2 |
| 9 | 27 | 20.4 | 16.1 | 22.3 | 20.4 |
| 9 | 28 | 20.2 | 15.6 | 22.2 | 19.4 |
| 9 | 29 | 20.0 | 15.6 | 22.2 | 19.4 |
| 9 | 30 | 19.7 | 15.6 | 22.2 | |
| 10 | 1 | 19.6 | 16.1 | 22.2 | |
| 10 | 2 | 19.4 | 15.6 | 22.2 | 18.8 |
| 10 | 3 | 19.3 | 15.6 | 22.2 | 19.7 |
| 10 | 4 | 19.0 | 15.6 | 21.7 | 18.4 |
| 10 | 5 | 18.7 | 15.0 | 21.1 | 18.4 |
| 10 | 6 | 18.6 | 15.0 | 21.1 | 18.3 |
| 10 | 7 | 18.4 | 15.0 | 21.1 | |
| 10 | 8 | 18.2 | 14.4 | 21.1 | |
| 10 | 9 | 18.0 | 14.4 | 21.1 | |
| 10 | 10 | 17.9 | 14.4 | 21.1 | 17.0 |
| 10 | 11 | 17.7 | 13.9 | 21.1 | 16.5 |
| 10 | 12 | 17.4 | 13.3 | 21.1 | 16.2 |
| 10 | 13 | 17.2 | 13.3 | 20.0 | 16.3 |
| 10 | 14 | 17.0 | 12.8 | 21.1 | |
| 10 | 15 | 16.8 | 12.2 | 20.0 | |
| 10 | 16 | 16.6 | 12.2 | 20.0 | 16.0 |
| 10 | 17 | 16.3 | 12.2 | 20.0 | 16.0 |
| 10 | 18 | 16.1 | 12.2 | 20.0 | 15.3 |
| 10 | 19 | 15.9 | 11.7 | 20.0 | 15.0 |
| 10 | 20 | 15.7 | 10.6 | 19.4 | |
| 10 | 21 | 15.4 | 10.6 | 18.9 | |
| 10 | 22 | 15.1 | 10.0 | 18.9 | |
| 10 | 23 | 15.0 | 10.0 | 18.9 | 14.8 |
| 10 | 24 | 14.7 | 10.0 | 18.3 | 14.2 |
| 10 | 25 | 14.5 | 10.0 | 18.3 | 14.1 |
| 10 | 26 | 14.3 | 10.0 | 17.8 | 14.1 |

TABLE B-4 (CONTINUED)

| MONTH | DAY | LONG-TERM TEMPERATURE (1951-1999) | | | 2000 ACTUAL TEMPERATURES |
|-------|-----|-----------------------------------|---------|---------|--------------------------|
| | | MEAN | MINIMUM | MAXIMUM | |
| 10 | 27 | 14.1 | 9.4 | 17.8 | 14.0 |
| 10 | 28 | 14.0 | 8.9 | 17.8 | |
| 10 | 29 | 13.7 | 8.3 | 17.8 | |
| 10 | 30 | 13.5 | 7.8 | 16.7 | 13.3 |
| 10 | 31 | 13.3 | 7.2 | 16.7 | 12.8 |
| 11 | 1 | 13.1 | 7.2 | 16.7 | 12.5 |
| 11 | 2 | 12.9 | 7.2 | 16.1 | 12.2 |
| 11 | 3 | 12.7 | 7.2 | 16.1 | 12.0 |
| 11 | 4 | 12.5 | 7.2 | 16.1 | |
| 11 | 5 | 12.2 | 7.2 | 15.6 | |
| 11 | 6 | 12.0 | 6.7 | 15.6 | 11.8 |
| 11 | 7 | 11.7 | 6.1 | 15.0 | 11.4 |
| 11 | 8 | 11.4 | 6.1 | 15.0 | 11.1 |
| 11 | 9 | 11.2 | 5.6 | 15.0 | 11.0 |
| 11 | 10 | 10.9 | 5.0 | 15.0 | |
| 11 | 11 | 10.7 | 5.0 | 15.0 | |
| 11 | 12 | 10.4 | 5.0 | 15.0 | |
| 11 | 13 | 10.2 | 5.0 | 13.3 | 10.6 |
| 11 | 14 | 9.9 | 5.0 | 13.3 | 10.4 |
| 11 | 15 | 9.7 | 5.0 | 12.8 | 9.9 |
| 11 | 16 | 9.5 | 5.0 | 12.8 | 9.6 |
| 11 | 17 | 9.3 | 5.0 | 12.8 | 9.6 |
| 11 | 18 | 9.1 | 5.0 | 12.8 | |
| 11 | 19 | 8.8 | 5.0 | 12.2 | |
| 11 | 20 | 8.6 | 4.9 | 11.1 | 8.9 |
| 11 | 21 | 8.4 | 3.9 | 11.1 | 8.8 |
| 11 | 22 | 8.2 | 3.9 | 11.1 | 8.4 |
| 11 | 23 | 8.1 | 3.9 | 11.1 | |
| 11 | 24 | 7.8 | 3.9 | 10.6 | |
| 11 | 25 | 7.6 | 3.9 | 10.6 | |
| 11 | 26 | 7.3 | 3.3 | 10.0 | |
| 11 | 27 | 7.1 | 3.3 | 10.0 | 6.9 |
| 11 | 28 | 6.9 | 3.3 | 10.0 | 6.8 |
| 11 | 29 | 6.7 | 3.3 | 10.0 | 6.6 |
| 11 | 30 | 6.4 | 2.8 | 10.0 | 6.0 |
| 12 | 1 | 6.2 | 2.2 | 9.4 | 5.8 |
| 12 | 2 | 6.0 | 3.0 | 8.9 | |
| 12 | 3 | 5.7 | 2.2 | 8.9 | |
| 12 | 4 | 5.6 | 1.3 | 8.3 | 5.0 |
| 12 | 5 | 5.4 | 2.8 | 7.9 | 4.8 |
| 12 | 6 | 5.3 | 2.6 | 7.9 | 4.7 |
| 12 | 7 | 5.1 | 2.0 | 8.3 | 4.5 |
| 12 | 8 | 4.9 | 2.0 | 8.2 | 3.8 |
| 12 | 9 | 4.7 | 1.7 | 8.1 | |
| 12 | 10 | 4.4 | 1.1 | 8.1 | |
| 12 | 11 | 4.2 | 1.1 | 7.8 | 3.3 |
| 12 | 12 | 4.0 | 0.6 | 7.8 | 3.9 |
| 12 | 13 | 3.9 | 0.6 | 7.8 | 2.9 |
| 12 | 14 | 3.6 | 0.6 | 7.3 | 2.7 |
| 12 | 15 | 3.5 | 0.6 | 7.1 | 2.6 |
| 12 | 16 | 3.3 | 0.6 | 6.9 | |
| 12 | 17 | 3.2 | 0.6 | 7.0 | |
| 12 | 18 | 3.0 | 0.6 | 6.8 | 1.6 |
| 12 | 19 | 2.9 | 0.6 | 6.8 | 1.4 |
| 12 | 20 | 2.8 | 0.6 | 6.8 | 1.7 |
| 12 | 21 | 2.5 | 0.6 | 6.6 | 1.6 |
| 12 | 22 | 2.4 | 0.6 | 6.5 | 1.2 |
| 12 | 23 | 2.2 | 0.6 | 6.1 | |
| 12 | 24 | 2.2 | 0.6 | 5.9 | |
| 12 | 25 | 2.2 | 0.6 | 5.6 | |
| 12 | 26 | 2.1 | 0.0 | 6.1 | 1.2 |
| 12 | 27 | 2.0 | 0.0 | 6.1 | 1.2 |
| 12 | 28 | 1.9 | 0.0 | 6.1 | 1.0 |
| 12 | 29 | 1.9 | 0.0 | 6.1 | 0.9 |
| 12 | 30 | 1.8 | 0.6 | 6.1 | |
| 12 | 31 | 1.8 | 0.0 | 5.0 | |

TABLE B-5 WEIGHTED MEAN TEMPERATURE (C) BY REGION AND WEEK FROM 2000
LONG RIVER/FALL SHOALS SURVEY

| WEEK BEGINNING | REGIONS | | | | | | | | | | | | |
|-------------------|---------|------|------|------|------|------|------|------|------|------|------|------|------|
| | BT | YK | TZ | CH | IP | WP | CW | PK | HP | KG | SG | CS | AL |
| 06MAR00 | 4.8 | 4.4 | 4.1 | 2.9 | 2.4 | 2.2 | 2.0 | . | . | . | . | . | . |
| 20MAR00 | 4.8 | 5.3 | 5.5 | 5.6 | 5.2 | 4.7 | 4.5 | . | . | . | . | . | . |
| 27MAR00 | 6.4 | 7.0 | 7.0 | 6.9 | 6.2 | 5.9 | 6.1 | . | . | . | . | . | . |
| 03APR00 | 8.2 | 8.6 | 8.4 | 8.8 | 9.1 | 8.9 | 9.1 | 9.1 | 9.0 | 8.0 | 6.7 | 6.4 | 6.2 |
| 10APR00 | 8.8 | 9.7 | 9.9 | 9.4 | 9.0 | 8.2 | 8.1 | 8.6 | 8.0 | 8.0 | 7.2 | 7.1 | 6.8 |
| 17APR00 | 9.6 | 9.9 | 10.1 | 10.1 | 9.4 | 8.9 | 8.3 | 8.1 | 8.0 | 7.9 | 8.4 | 8.9 | 9.6 |
| 24APR00 | 9.8 | 10.1 | 9.7 | 9.6 | 9.8 | 10.0 | 10.1 | 9.8 | 9.6 | 9.1 | 8.9 | 8.2 | 7.9 |
| 01MAY00 | 10.5 | 10.7 | 10.6 | 10.4 | 11.8 | 11.5 | 11.6 | 11.1 | 11.1 | 11.4 | 11.3 | 11.3 | 11.4 |
| 08MAY00 | 13.1 | 14.2 | 15.0 | 14.4 | 13.8 | 14.0 | 13.7 | 12.0 | 12.5 | 13.1 | 13.4 | 14.0 | 14.7 |
| 15MAY00 | 16.1 | 16.9 | 17.0 | 17.4 | 18.1 | 18.5 | 18.4 | 18.1 | 17.7 | 17.8 | 16.6 | 16.0 | 15.9 |
| 22MAY00 | 16.3 | 17.0 | 17.1 | 17.0 | 17.4 | 17.1 | 16.9 | 16.0 | 15.5 | 15.2 | 14.8 | 14.5 | 14.1 |
| 29MAY00 | 17.2 | 17.6 | 17.9 | 17.7 | 17.6 | 16.4 | 16.2 | 16.3 | 17.6 | 16.4 | 16.9 | 17.0 | 17.0 |
| 05JUN00 | 18.7 | 18.8 | 18.7 | 18.2 | 17.6 | 17.8 | 18.1 | 17.6 | 17.6 | 17.5 | 17.4 | 17.9 | 18.0 |
| 12JUN00 | 18.7 | 19.7 | 20.5 | 18.9 | 18.5 | 17.2 | 17.3 | 17.7 | 17.7 | 17.5 | 17.5 | 17.8 | 17.6 |
| 19JUN00 | 19.7 | 20.2 | 20.4 | 20.0 | 19.5 | 19.8 | 20.0 | 20.2 | 20.2 | 20.4 | 20.5 | 20.7 | 20.1 |
| 26JUN00 | 20.4 | 22.3 | 22.7 | 22.7 | 21.9 | 21.6 | 22.4 | 22.8 | 23.3 | 23.0 | 23.1 | 23.0 | 23.4 |
| 03JUL00 | . | 23.7 | 23.8 | 24.0 | 23.4 | 23.0 | 23.2 | 23.1 | 23.7 | 23.6 | 23.4 | 23.5 | 23.6 |
| 10JUL00 | 21.8 | 23.3 | 24.0 | 21.2 | 23.7 | 23.1 | 23.4 | 23.7 | . | . | . | . | . |
| 17JUL00 | 22.3 | 23.3 | 24.2 | 24.9 | 24.8 | 24.8 | 24.5 | 23.9 | 23.7 | 23.7 | 22.9 | 23.0 | 21.8 |
| 24JUL00 | 22.1 | 23.2 | 24.0 | 24.8 | 24.7 | 24.1 | 24.0 | 23.8 | . | . | . | . | . |
| 31JUL00 | 22.7 | 23.0 | 23.9 | 24.2 | 24.1 | 23.9 | 24.0 | 23.9 | 23.2 | 23.2 | 23.1 | 23.1 | 23.3 |
| 07AUG00 | 24.1 | 25.0 | 25.5 | 25.1 | 25.3 | 25.0 | 25.0 | 24.4 | . | . | . | . | . |
| 14AUG00 | 23.0 | 23.3 | 24.0 | 24.2 | 24.2 | 23.7 | 23.9 | 24.2 | 23.7 | 23.2 | 22.7 | 22.0 | 22.1 |
| 21AUG00 | 22.4 | 23.0 | 23.5 | 23.9 | 24.0 | 24.0 | 23.9 | 23.6 | . | . | . | . | . |
| 28AUG00 | 23.1 | 23.8 | 24.7 | 24.5 | 24.5 | 24.0 | 24.1 | 23.7 | 23.2 | 23.2 | 23.2 | 23.1 | 23.2 |
| 04SEP00 | 23.1 | 23.2 | 23.6 | 24.1 | 24.2 | 23.9 | 23.8 | 23.3 | . | . | . | . | . |
| 11SEP00 | 23.1 | 23.4 | 24.1 | 24.2 | 24.3 | 23.4 | 23.3 | 23.0 | 22.8 | 23.0 | 22.9 | 22.5 | 22.2 |
| 18SEP00 | 22.3 | 22.5 | 22.4 | 23.5 | 23.1 | 22.3 | 22.5 | 22.8 | . | . | . | . | . |
| 25SEP00 | 20.5 | 20.4 | 20.9 | 20.9 | 21.0 | 20.5 | 20.3 | 20.6 | 20.1 | 19.1 | 18.1 | 18.1 | 18.0 |
| 02OCT00 | 19.1 | 19.6 | 19.8 | 20.5 | 20.7 | 19.9 | 19.7 | 19.8 | . | . | . | . | . |
| 09OCT00 | 17.3 | 17.2 | 16.9 | 18.1 | 17.8 | 17.3 | 17.3 | 16.6 | 15.3 | 14.6 | 14.1 | 14.0 | 13.7 |
| 23OCT00 | 16.1 | 16.0 | 16.3 | 17.0 | 17.2 | 16.3 | 16.1 | 15.1 | 13.9 | 13.5 | 13.6 | 13.1 | 12.6 |
| 06NOV00 | 13.0 | 12.9 | 13.0 | 12.9 | 13.3 | 13.0 | 13.1 | 12.7 | 10.7 | 9.6 | 9.9 | 9.8 | 9.4 |
| 27NOV00 | 8.3 | 8.2 | 7.6 | 8.7 | 8.3 | 7.7 | 7.9 | 6.9 | 5.7 | 5.2 | 4.9 | 4.8 | 3.4 |

Note: Dots (.) indicate no sampling.

TABLE B-6 MEAN TEMPERATURE (C) BY REGION AND WEEK FROM 2000 BEACH SEINE SURVEY

| WEEK BEGINNING MONDAY | REGIONS | | | | | | | | | | | |
|-----------------------------|---------|------|------|------|------|------|------|------|------|------|------|------|
| | YK | TZ | CH | IP | WP | CW | PK | HP | KG | SG | CS | AL |
| 12JUN00 | 18.8 | 19.2 | 19.1 | 18.7 | 18.1 | 18.9 | 18.2 | 17.2 | 17.0 | 17.2 | 17.2 | 16.4 |
| 26JUN00 | 25.0 | 25.0 | 23.1 | 24.3 | 22.4 | 25.4 | 23.3 | 23.0 | 22.3 | 22.8 | 23.3 | 23.1 |
| 10JUL00 | 24.8 | 24.4 | 24.3 | 25.9 | 23.7 | 25.8 | 24.9 | 24.0 | 22.5 | 24.4 | 24.4 | 23.2 |
| 24JUL00 | 24.4 | 24.2 | 23.5 | 24.5 | 24.0 | 23.4 | 23.2 | 23.0 | 24.3 | 24.6 | 24.3 | 22.9 |
| 07AUG00 | 26.4 | 25.9 | 27.3 | 27.6 | 26.9 | 26.5 | 25.0 | 24.6 | 26.6 | 27.4 | 25.1 | 23.8 |
| 21AUG00 | 22.8 | 22.2 | 23.4 | 23.9 | 23.4 | 22.6 | 23.1 | 21.6 | 24.2 | 23.0 | 21.7 | 20.6 |
| 04SEP00 | 22.0 | 22.1 | 24.5 | 25.0 | 23.6 | 22.4 | 22.2 | 21.5 | 22.7 | 23.2 | 21.8 | 20.3 |
| 18SEP00 | 22.3 | 21.9 | 21.5 | 24.2 | 23.0 | 22.1 | 22.0 | 20.6 | 20.6 | 20.8 | 21.0 | 19.8 |
| 02OCT00 | 18.2 | 19.3 | 20.5 | 19.7 | 19.2 | 18.3 | 18.5 | 18.0 | 18.1 | 17.9 | 16.8 | 16.1 |
| 16OCT00 | 16.5 | 16.0 | 16.5 | 17.3 | 16.1 | 14.7 | 13.2 | 13.7 | 13.8 | 13.6 | 13.2 | 12.6 |

TABLE B-7 WEIGHTED MEAN SALINITY (PPT) BY REGION AND WEEK FROM 2000
LONG RIVER/FALL SHOALS SURVEY

| WEEK BEGINNING MONDAY | REGIONS | | | | | | | | | | | | |
|-----------------------------|---------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | BT | YK | TZ | CH | IP | WP | CW | PK | HP | KG | SG | CS | AL |
| 06MAR00 | 19.3 | 9.2 | 1.1 | 0.2 | 0.2 | 0.1 | 0.1 | . | . | . | . | . | . |
| 20MAR00 | 12.7 | 6.5 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | . | . | . | . | . | . |
| 27MAR00 | 13.8 | 5.8 | 4.1 | 1.4 | 0.2 | 0.1 | 0.1 | . | . | . | . | . | . |
| 03APR00 | 12.4 | 5.8 | 1.4 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 10APR00 | 13.2 | 2.7 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 17APR00 | 10.6 | 6.3 | 1.4 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 24APR00 | 8.4 | 1.5 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 01MAY00 | 17.6 | 8.6 | 4.8 | 3.0 | 0.6 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 08MAY00 | 17.0 | 7.8 | 2.8 | 0.5 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 15MAY00 | 12.3 | 5.4 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 |
| 22MAY00 | 10.8 | 4.3 | 1.5 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 29MAY00 | 15.6 | 9.6 | 4.0 | 1.3 | 0.8 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 05JUN00 | 10.4 | 7.0 | 3.8 | 0.8 | 0.3 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 12JUN00 | 14.6 | 5.9 | 0.4 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 19JUN00 | 13.3 | 7.3 | 2.4 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 26JUN00 | 19.5 | 8.5 | 3.4 | 1.7 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 03JUL00 | . | 7.0 | 4.1 | 1.2 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 10JUL00 | 20.6 | 11.1 | 4.7 | 1.1 | 2.0 | 0.6 | 0.1 | 0.1 | . | . | . | . | . |
| 17JUL00 | 16.9 | 11.2 | 4.9 | 1.3 | 0.7 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 |
| 24JUL00 | 16.9 | 8.9 | 3.9 | 1.2 | 0.6 | 0.2 | 0.1 | 0.2 | . | . | . | . | . |
| 31JUL00 | 15.7 | 12.8 | 5.1 | 2.3 | 1.5 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 07AUG00 | 16.6 | 7.1 | 2.1 | 0.9 | 0.2 | 0.2 | 0.1 | 0.1 | . | . | . | . | . |
| 14AUG00 | 15.1 | 9.7 | 5.7 | 4.0 | 2.5 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 21AUG00 | 18.7 | 8.8 | 3.2 | 0.8 | 0.3 | 0.1 | 0.1 | 0.1 | . | . | . | . | . |
| 28AUG00 | 19.1 | 13.2 | 4.3 | 0.9 | 0.7 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 04SEP00 | 14.0 | 6.9 | 4.4 | 2.6 | 1.0 | 0.2 | 0.2 | 0.2 | . | . | . | . | . |
| 11SEP00 | 19.6 | 14.3 | 7.4 | 3.8 | 3.2 | 0.4 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 18SEP00 | 17.0 | 7.9 | 4.4 | 2.2 | 0.7 | 0.2 | 0.2 | 0.2 | . | . | . | . | . |
| 25SEP00 | 20.1 | 14.6 | 5.0 | 1.9 | 1.5 | 0.4 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 |
| 02OCT00 | 20.2 | 10.2 | 5.1 | 2.4 | 1.2 | 0.2 | 0.2 | 0.1 | . | . | . | . | . |
| 09OCT00 | 18.5 | 12.6 | 7.5 | 5.8 | 5.1 | 1.7 | 1.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 |
| 23OCT00 | 17.3 | 9.6 | 4.6 | 2.4 | 1.9 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 06NOV00 | 17.2 | 10.4 | 7.8 | 8.3 | 6.9 | 4.2 | 1.9 | 0.5 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 |
| 27NOV00 | 17.4 | 13.0 | 6.6 | 2.0 | 0.7 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 |

Note: Dots (.) indicate no sampling.

TABLE B-8 MEAN SALINITY (PPT) BY REGION AND WEEK FROM 2000 BEACH SEINE SURVEY

| WEEK BEGINNING MONDAY | REGIONS | | | | | | | | | | | |
|-----------------------------|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | YK | TZ | CH | IP | WP | CW | PK | HP | KG | SG | CS | AL |
| 12JUN00 | 1.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 26JUN00 | 2.5 | 1.1 | 0.3 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 |
| 10JUL00 | 5.7 | 3.1 | 1.0 | 0.4 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 24JUL00 | 3.7 | 2.2 | 1.4 | 0.8 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 07AUG00 | 3.4 | 2.5 | 0.8 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 21AUG00 | 4.3 | 2.4 | 1.3 | 0.3 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 04SEP00 | 3.4 | 1.9 | 1.0 | 0.8 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 18SEP00 | 6.7 | 3.9 | 2.2 | 1.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 02OCT00 | 4.1 | 2.7 | 1.7 | 0.5 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 |
| 16OCT00 | 7.8 | 6.5 | 3.9 | 1.8 | 1.1 | 0.5 | 0.2 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 |

TABLE B-9 WEIGHTED MEAN DISSOLVED OXYGEN (MG/L) BY REGION AND WEEK
FROM 2000 LONG RIVER/FALL SHOALS SURVEY

| WEEK BEGINNING MONDAY | REGIONS | | | | | | | | | | | | |
|-----------------------------|---------|------|------|------|------|------|------|------|------|------|------|------|------|
| | BT | YK | TZ | CH | IP | WP | CW | PK | HP | KG | SG | CS | AL |
| 06MAR00 | 11.2 | 12.2 | 13.5 | 13.7 | 13.4 | 13.8 | 13.7 | . | . | . | . | . | . |
| 20MAR00 | 10.5 | 12.0 | 12.3 | 11.6 | 11.1 | 11.1 | 11.7 | . | . | . | . | . | . |
| 27MAR00 | 10.2 | 10.8 | 10.8 | 11.2 | 12.1 | 12.2 | 12.2 | . | . | . | . | . | . |
| 03APR00 | 10.6 | 11.0 | 11.6 | 11.9 | 11.9 | 11.8 | 11.9 | 11.8 | 11.9 | 12.4 | 13.1 | 13.5 | 13.3 |
| 10APR00 | 10.1 | 11.1 | 11.3 | 10.8 | 11.0 | 11.2 | 12.4 | 12.2 | 12.3 | 12.6 | 12.9 | 12.9 | 13.5 |
| 17APR00 | 10.6 | 10.9 | 11.6 | 11.8 | 12.2 | 11.3 | 11.5 | 11.7 | 12.0 | 12.1 | 12.1 | 12.1 | 12.1 |
| 24APR00 | 8.5 | 9.1 | 9.5 | 9.7 | 12.1 | 12.3 | 12.8 | 13.0 | 13.2 | 13.6 | 14.0 | 14.4 | 14.6 |
| 01MAY00 | 9.2 | 10.3 | 10.5 | 10.5 | 11.0 | 11.9 | 12.3 | 12.4 | 12.3 | 11.7 | 11.7 | 11.7 | 11.8 |
| 08MAY00 | 8.7 | 9.4 | 10.2 | 9.8 | 10.1 | 10.4 | 10.6 | 11.0 | 10.8 | 10.6 | 9.9 | 9.8 | 9.8 |
| 15MAY00 | 7.8 | 8.7 | 9.9 | 9.8 | 8.8 | 8.9 | 9.0 | 8.8 | 9.1 | 8.1 | 8.1 | 9.8 | 10.7 |
| 22MAY00 | 8.4 | 9.9 | 9.7 | 8.4 | 10.1 | 10.7 | 10.1 | 8.6 | 8.8 | 8.6 | 9.7 | 10.4 | 10.9 |
| 29MAY00 | 7.4 | 7.8 | 8.2 | 8.1 | 8.4 | 8.8 | 8.9 | 9.1 | 8.8 | 8.7 | 8.9 | 9.1 | 9.5 |
| 05JUN00 | 9.2 | 9.9 | 9.8 | 9.7 | 9.5 | 8.8 | 8.6 | 8.7 | 8.9 | 8.7 | 8.6 | 8.4 | 8.5 |
| 12JUN00 | 6.6 | 7.2 | 7.8 | 9.1 | 9.4 | 9.6 | 9.0 | 8.1 | 8.3 | 8.6 | 8.6 | 8.8 | 9.5 |
| 19JUN00 | 6.1 | 6.7 | 6.7 | 7.5 | 7.5 | 8.2 | 8.0 | 7.7 | 7.9 | 8.1 | 8.3 | 8.3 | 8.8 |
| 26JUN00 | 6.7 | 7.2 | 7.5 | 7.8 | 8.1 | 7.5 | 7.3 | 7.2 | 7.3 | 7.3 | 7.3 | 7.2 | 7.6 |
| 03JUL00 | . | 5.8 | 6.3 | 6.6 | 6.6 | 6.7 | 7.0 | 6.9 | 7.0 | 7.1 | 7.6 | 7.4 | 7.6 |
| 10JUL00 | 6.7 | 7.4 | 7.8 | 7.5 | 7.0 | 7.2 | 7.6 | 7.2 | . | . | . | . | . |
| 17JUL00 | 5.8 | 6.5 | 6.8 | 6.4 | 6.3 | 6.1 | 6.1 | 6.6 | 6.9 | 7.1 | 6.9 | 7.6 | 8.1 |
| 24JUL00 | 8.4 | 9.0 | 9.2 | 6.1 | 7.6 | 7.8 | 7.9 | 8.3 | . | . | . | . | . |
| 31JUL00 | 5.6 | 6.1 | 7.2 | 7.1 | 7.4 | 7.6 | 6.9 | 5.7 | 5.8 | 6.1 | 6.2 | 6.6 | 7.4 |
| 07AUG00 | 5.6 | 6.5 | 7.4 | 6.9 | 6.6 | 6.5 | 6.6 | 6.7 | . | . | . | . | . |
| 14AUG00 | 5.5 | 6.3 | 6.5 | 7.4 | 7.6 | 7.1 | 7.3 | 7.1 | 7.4 | 7.6 | 7.5 | 8.4 | 9.0 |
| 21AUG00 | 5.8 | 7.1 | 7.8 | 7.1 | 7.2 | 7.1 | 7.2 | 7.2 | . | . | . | . | . |
| 28AUG00 | 5.5 | 5.7 | 6.6 | 5.4 | 5.3 | 6.2 | 6.8 | 7.4 | 7.9 | 8.1 | 8.5 | 8.7 | 8.9 |
| 04SEP00 | 5.8 | 6.5 | 6.8 | 6.3 | 6.5 | 6.7 | 7.0 | 7.1 | . | . | . | . | . |
| 11SEP00 | 5.7 | 6.1 | 6.6 | 5.8 | 6.3 | 7.2 | 7.3 | 7.5 | 7.9 | 8.0 | 8.1 | 7.8 | 8.2 |
| 18SEP00 | 5.1 | 6.8 | 7.5 | 7.3 | 7.2 | 7.5 | 7.5 | 7.6 | . | . | . | . | . |
| 25SEP00 | 5.7 | 6.3 | 7.7 | 7.7 | 6.3 | 6.6 | 8.3 | 7.7 | 8.0 | 8.1 | 8.5 | 8.1 | 8.3 |
| 02OCT00 | 6.0 | 7.5 | 8.0 | 8.0 | 7.9 | 8.2 | 8.3 | 8.5 | . | . | . | . | . |
| 09OCT00 | 6.2 | 7.1 | 7.7 | 7.4 | 7.7 | 8.2 | 8.5 | 8.8 | 9.0 | 9.2 | 9.5 | 9.4 | 9.7 |
| 23OCT00 | 6.3 | 7.6 | 8.4 | 8.2 | 8.3 | 7.4 | 8.0 | 8.2 | 8.8 | 9.1 | 8.9 | 8.6 | 9.2 |
| 06NOV00 | 7.6 | 8.3 | 8.5 | 8.6 | 8.6 | 9.0 | 8.8 | 9.5 | 9.8 | 10.4 | 9.9 | 10.0 | 10.3 |
| 27NOV00 | 8.1 | 8.6 | 9.4 | 9.8 | 9.7 | 9.6 | 9.0 | 9.1 | 9.3 | 9.8 | 9.5 | 9.7 | 10.2 |

Note: Dots (.) indicate no sampling.

TABLE B-10 MEAN DISSOLVED OXYGEN (MG/L) BY REGION AND WEEK FROM 2000
BEACH SEINE SURVEY

| WEEK BEGINNING MONDAY | REGIONS | | | | | | | | | | | |
|-----------------------------|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| | YK | TZ | CH | IP | WP | CW | PK | HP | KG | SG | CS | AL |
| 12JUN00 | 7.6 | 8.3 | 7.8 | 7.5 | 7.5 | 8.3 | 7.9 | 8.0 | 8.2 | 8.5 | 8.5 | 9.0 |
| 26JUN00 | 8.3 | 8.9 | 7.5 | 7.7 | 7.6 | 7.5 | 7.4 | 7.1 | 6.8 | 6.9 | 7.1 | 6.8 |
| 10JUL00 | 7.4 | 7.3 | 7.2 | 7.9 | 6.9 | 7.5 | 7.5 | 7.1 | 6.9 | 7.7 | 7.7 | 7.7 |
| 24JUL00 | 7.1 | 8.0 | 7.2 | 7.2 | 7.1 | 7.1 | 7.0 | 7.2 | 6.4 | 6.8 | 7.2 | 7.3 |
| 07AUG00 | 7.2 | 7.5 | 8.8 | 7.0 | 6.5 | 6.7 | 6.0 | 5.7 | 6.8 | 7.5 | 7.2 | 7.3 |
| 21AUG00 | 6.7 | 7.3 | 6.7 | 6.0 | 5.8 | 6.1 | 5.8 | 5.6 | 7.2 | 7.5 | 7.5 | 7.7 |
| 04SEP00 | 8.3 | 8.4 | 8.3 | 6.9 | 6.8 | 7.0 | 7.3 | 7.1 | 7.7 | 8.1 | 8.0 | 7.5 |
| 18SEP00 | 6.8 | 7.8 | 8.2 | 7.7 | 6.9 | 7.4 | 7.2 | 7.3 | 7.6 | 8.5 | 7.9 | 7.8 |
| 02OCT00 | 7.8 | 8.0 | 8.4 | 7.5 | 7.4 | 7.2 | 5.7 | 8.2 | 9.1 | 9.4 | 9.3 | 9.2 |
| 16OCT00 | 7.2 | 7.6 | 7.6 | 7.5 | 8.9 | 8.9 | 9.0 | 8.9 | 8.8 | 9.7 | 10.0 | 9.4 |

TABLE B-11 WEIGHTED MEAN PERCENT OXYGEN SATURATION BY REGION AND WEEK FROM 2000 LONG RIVER/FALL SHOALS SURVEY

| WEEK BEGINNING MONDAY | REGIONS | | | | | | | | | | | | |
|-----------------------------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | BT | YK | TZ | CH | IP | WP | CW | PK | HP | KG | SG | CS | AL |
| 06MAR00 | 100.9 | 101.0 | 104.3 | 101.7 | 98.4 | 100.2 | 99.3 | . | . | . | . | . | . |
| 20MAR00 | 90.1 | 99.6 | 98.0 | 92.7 | 87.7 | 86.4 | 90.7 | . | . | . | . | . | . |
| 27MAR00 | 91.1 | 93.1 | 91.9 | 93.2 | 98.2 | 98.1 | 98.6 | . | . | . | . | . | . |
| 03APR00 | 98.7 | 97.7 | 99.7 | 103.0 | 103.2 | 101.9 | 103.4 | 102.5 | 103.2 | 105.1 | 107.2 | 109.5 | 107.7 |
| 10APR00 | 95.0 | 99.8 | 100.1 | 94.6 | 95.0 | 95.2 | 105.2 | 104.7 | 104.1 | 106.7 | 106.8 | 106.8 | 111.0 |
| 17APR00 | 100.3 | 100.6 | 103.9 | 105.0 | 106.4 | 97.5 | 97.7 | 99.2 | 101.4 | 102.3 | 103.3 | 104.7 | 105.9 |
| 24APR00 | 79.3 | 81.3 | 84.1 | 84.8 | 106.5 | 108.6 | 114.1 | 114.7 | 116.3 | 118.3 | 121.3 | 122.2 | 123.5 |
| 01MAY00 | 93.7 | 98.9 | 97.3 | 95.6 | 101.8 | 109.3 | 113.0 | 113.0 | 112.1 | 107.3 | 107.0 | 106.5 | 107.7 |
| 08MAY00 | 93.6 | 97.1 | 103.2 | 96.7 | 98.0 | 100.9 | 102.3 | 102.4 | 101.7 | 100.9 | 94.9 | 95.0 | 96.1 |
| 15MAY00 | 86.1 | 92.6 | 102.9 | 102.1 | 93.4 | 95.2 | 95.4 | 93.3 | 95.4 | 85.7 | 83.7 | 99.3 | 108.0 |
| 22MAY00 | 92.5 | 105.6 | 102.0 | 87.0 | 105.5 | 111.2 | 104.4 | 87.2 | 88.7 | 85.9 | 95.5 | 102.2 | 106.0 |
| 29MAY00 | 85.4 | 87.2 | 89.0 | 85.8 | 87.8 | 90.2 | 91.0 | 92.8 | 92.4 | 88.8 | 92.3 | 94.6 | 98.5 |
| 05JUN00 | 106.0 | 111.4 | 108.0 | 103.9 | 99.9 | 92.3 | 91.2 | 91.3 | 93.3 | 91.2 | 90.0 | 88.1 | 89.4 |
| 12JUN00 | 77.6 | 81.9 | 86.5 | 97.6 | 100.2 | 99.7 | 93.6 | 85.5 | 87.2 | 90.0 | 89.5 | 93.1 | 99.6 |
| 19JUN00 | 73.0 | 77.3 | 74.9 | 82.3 | 81.2 | 89.5 | 87.8 | 85.3 | 87.2 | 89.3 | 91.8 | 92.4 | 97.1 |
| 26JUN00 | 84.5 | 88.1 | 88.8 | 91.8 | 92.5 | 84.7 | 83.8 | 83.2 | 85.0 | 84.8 | 85.7 | 83.8 | 89.2 |
| 03JUL00 | . | 71.0 | 76.2 | 79.4 | 77.4 | 78.3 | 81.5 | 80.2 | 82.4 | 83.2 | 89.1 | 86.8 | 89.3 |
| 10JUL00 | 87.5 | 93.4 | 95.1 | 85.3 | 83.3 | 84.3 | 88.8 | 85.5 | . | . | . | . | . |
| 17JUL00 | 74.4 | 81.6 | 83.2 | 77.9 | 76.1 | 73.8 | 73.5 | 77.8 | 82.0 | 83.8 | 79.8 | 88.3 | 92.5 |
| 24JUL00 | 107.1 | 111.6 | 112.3 | 74.1 | 92.1 | 93.0 | 93.4 | 98.4 | . | . | . | . | . |
| 31JUL00 | 71.5 | 77.3 | 87.6 | 85.3 | 89.0 | 90.1 | 81.5 | 68.0 | 68.3 | 71.1 | 72.8 | 77.2 | 86.7 |
| 07AUG00 | 74.0 | 81.6 | 91.2 | 84.0 | 80.0 | 78.9 | 80.3 | 79.8 | . | . | . | . | . |
| 14AUG00 | 70.1 | 78.4 | 80.3 | 90.1 | 92.4 | 84.4 | 86.8 | 84.4 | 87.2 | 89.0 | 86.8 | 96.1 | 102.9 |
| 21AUG00 | 75.3 | 87.4 | 93.3 | 84.6 | 85.7 | 84.0 | 85.5 | 84.5 | . | . | . | . | . |
| 28AUG00 | 72.4 | 72.9 | 82.0 | 64.6 | 63.6 | 74.1 | 81.3 | 86.7 | 92.1 | 94.1 | 99.4 | 101.4 | 104.0 |
| 04SEP00 | 74.4 | 79.2 | 82.1 | 76.7 | 78.2 | 79.1 | 82.6 | 83.8 | . | . | . | . | . |
| 11SEP00 | 76.0 | 78.9 | 82.0 | 70.9 | 77.1 | 84.8 | 85.9 | 86.9 | 91.8 | 93.6 | 94.1 | 90.3 | 94.2 |
| 18SEP00 | 65.4 | 82.6 | 89.2 | 86.8 | 83.8 | 86.2 | 87.1 | 87.9 | . | . | . | . | . |
| 25SEP00 | 71.8 | 76.4 | 88.6 | 87.4 | 70.9 | 73.7 | 92.3 | 86.3 | 88.5 | 88.1 | 89.9 | 86.3 | 87.6 |
| 02OCT00 | 74.6 | 87.6 | 90.9 | 90.6 | 88.7 | 89.9 | 91.3 | 93.2 | . | . | . | . | . |
| 09OCT00 | 72.6 | 79.7 | 83.6 | 81.4 | 83.2 | 86.8 | 89.2 | 90.4 | 90.0 | 90.6 | 92.9 | 91.2 | 93.4 |
| 23OCT00 | 71.7 | 81.9 | 88.5 | 86.7 | 87.2 | 75.4 | 81.4 | 82.0 | 85.7 | 87.6 | 85.6 | 82.3 | 87.0 |
| 06NOV00 | 80.8 | 84.0 | 85.6 | 86.1 | 85.8 | 87.9 | 85.1 | 89.9 | 88.5 | 91.4 | 87.6 | 88.2 | 90.1 |
| 27NOV00 | 77.7 | 80.4 | 82.8 | 85.7 | 83.1 | 80.8 | 75.7 | 74.8 | 74.6 | 77.7 | 74.5 | 75.9 | 76.4 |

Note: Dots (.) indicate no sampling.

TABLE B-12 MEAN PERCENT OXYGEN SATURATION BY REGION AND WEEK FROM
2000 BEACH SEINE SURVEY

| WEEK BEGINNING MONDAY | REGIONS | | | | | | | | | | | |
|-----------------------------|---------|-------|-------|------|------|------|------|------|------|------|------|------|
| | YK | TZ | CH | IP | WP | CW | PK | HP | KG | SG | CS | AL |
| 12JUN00 | 82.5 | 89.4 | 83.9 | 79.8 | 79.6 | 89.1 | 83.4 | 83.5 | 84.9 | 88.7 | 88.3 | 92.4 |
| 26JUN00 | 101.7 | 108.2 | 87.8 | 91.8 | 87.4 | 91.8 | 87.0 | 83.0 | 77.7 | 80.1 | 83.6 | 79.6 |
| 10JUL00 | 92.1 | 89.7 | 86.3 | 97.9 | 81.3 | 91.9 | 90.9 | 84.3 | 79.6 | 92.7 | 91.6 | 90.4 |
| 24JUL00 | 86.5 | 96.5 | 85.7 | 87.0 | 84.8 | 83.7 | 82.5 | 83.7 | 76.3 | 81.1 | 85.5 | 85.3 |
| 07AUG00 | 91.2 | 93.9 | 112.2 | 88.8 | 81.5 | 83.8 | 72.6 | 68.0 | 85.0 | 94.6 | 87.5 | 86.4 |
| 21AUG00 | 79.8 | 84.5 | 79.4 | 70.7 | 68.0 | 70.9 | 67.4 | 64.1 | 86.2 | 86.9 | 84.9 | 85.4 |
| 04SEP00 | 96.9 | 97.3 | 100.4 | 84.3 | 79.7 | 81.2 | 83.6 | 80.7 | 89.1 | 94.9 | 91.2 | 83.0 |
| 18SEP00 | 81.8 | 90.9 | 94.1 | 92.4 | 80.9 | 84.5 | 81.7 | 81.4 | 84.7 | 95.1 | 88.4 | 85.4 |
| 02OCT00 | 85.0 | 88.5 | 94.3 | 81.9 | 80.5 | 76.4 | 60.4 | 86.7 | 96.4 | 98.8 | 96.0 | 93.5 |
| 16OCT00 | 78.0 | 80.5 | 79.5 | 78.7 | 90.7 | 88.0 | 86.1 | 85.7 | 85.4 | 93.2 | 95.4 | 88.1 |

TABLE B-13 WEIGHTED MEAN CONDUCTIVITY (MS/CM @ 25 C) BY REGION AND WEEK FROM 2000 LONG RIVER/FALL SHOALS SURVEY

| WEEK BEGINNING MONDAY | REGIONS | | | | | | | | | | | | |
|-----------------------------|---------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| | BT | YK | TZ | CH | IP | WP | CW | PK | HP | KG | SG | CS | AL |
| 06MAR00 | 31.2 | 15.6 | 1.9 | 0.3 | 0.3 | 0.3 | 0.2 | . | . | . | . | . | . |
| 20MAR00 | 21.2 | 11.1 | 0.4 | 0.2 | 0.3 | 0.3 | 0.2 | . | . | . | . | . | . |
| 27MAR00 | 22.4 | 9.7 | 7.0 | 2.4 | 0.4 | 0.3 | 0.2 | . | . | . | . | . | . |
| 03APR00 | 20.7 | 10.0 | 2.5 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 | 0.2 |
| 10APR00 | 21.6 | 4.6 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 17APR00 | 17.8 | 10.8 | 2.5 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 24APR00 | 13.9 | 2.5 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 01MAY00 | 28.6 | 14.5 | 8.2 | 5.2 | 1.0 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 08MAY00 | 27.6 | 13.3 | 4.8 | 0.9 | 0.4 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 15MAY00 | 20.4 | 9.2 | 0.5 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.3 | 0.3 |
| 22MAY00 | 17.9 | 7.3 | 2.6 | 0.2 | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 29MAY00 | 25.8 | 16.2 | 6.9 | 2.3 | 1.4 | 0.4 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 05JUN00 | 17.6 | 12.0 | 6.7 | 1.5 | 0.5 | 0.5 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 12JUN00 | 23.8 | 10.0 | 0.8 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 19JUN00 | 21.8 | 12.3 | 4.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 26JUN00 | 31.4 | 14.4 | 5.9 | 3.0 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 03JUL00 | . | 12.0 | 7.1 | 2.1 | 0.4 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 10JUL00 | 33.1 | 18.6 | 8.1 | 1.9 | 3.6 | 1.1 | 0.2 | 0.3 | . | . | . | . | . |
| 17JUL00 | 27.5 | 18.9 | 8.5 | 2.4 | 1.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 | 0.3 | 0.2 |
| 24JUL00 | 27.6 | 15.1 | 6.8 | 2.2 | 1.0 | 0.3 | 0.3 | 0.3 | . | . | . | . | . |
| 31JUL00 | 25.8 | 21.3 | 8.9 | 4.1 | 2.7 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.3 |
| 07AUG00 | 27.0 | 12.2 | 3.7 | 1.7 | 0.3 | 0.3 | 0.3 | 0.2 | . | . | . | . | . |
| 14AUG00 | 24.8 | 16.3 | 9.9 | 7.0 | 4.5 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 21AUG00 | 30.3 | 14.9 | 5.5 | 1.4 | 0.5 | 0.3 | 0.3 | 0.2 | . | . | . | . | . |
| 28AUG00 | 30.9 | 22.0 | 7.5 | 1.6 | 1.2 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 04SEP00 | 23.2 | 11.7 | 7.6 | 4.5 | 1.8 | 0.3 | 0.3 | 0.3 | . | . | . | . | . |
| 11SEP00 | 31.7 | 23.7 | 12.7 | 6.6 | 5.6 | 0.7 | 0.5 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 18SEP00 | 27.8 | 13.5 | 7.7 | 3.8 | 1.1 | 0.4 | 0.3 | 0.3 | . | . | . | . | . |
| 25SEP00 | 32.5 | 24.1 | 8.6 | 3.3 | 2.6 | 0.6 | 0.5 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 02OCT00 | 32.6 | 17.2 | 8.9 | 4.2 | 2.0 | 0.3 | 0.3 | 0.3 | . | . | . | . | . |
| 09OCT00 | 30.1 | 21.0 | 12.9 | 10.1 | 8.9 | 3.0 | 1.8 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 23OCT00 | 28.3 | 16.3 | 7.9 | 4.3 | 3.3 | 0.6 | 0.5 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.3 |
| 06NOV00 | 28.0 | 17.5 | 13.3 | 14.2 | 11.8 | 7.4 | 3.4 | 0.9 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 27NOV00 | 28.4 | 21.7 | 11.4 | 3.5 | 1.2 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |

Note: Dots (.) indicate no sampling.

TABLE B-14 MEAN CONDUCTIVITY (mS/cm @ 25C) BY REGION AND WEEK FROM 2000
 BEACH SEINE SURVEY

| WEEK BEGINNING MONDAY | REGIONS | | | | | | | | | | | |
|-----------------------------|---------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | YK | TZ | CH | IP | WP | CW | PK | HP | KG | SG | CS | AL |
| 12JUN00 | 2.1 | 0.3 | 0.2 | 0.2 | 0.2 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 | 0.2 |
| 26JUN00 | 4.4 | 2.0 | 0.4 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 | 0.3 | 0.2 | 0.3 | 0.2 |
| 10JUL00 | 9.9 | 5.5 | 1.7 | 0.7 | 0.2 | 0.3 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 |
| 24JUL00 | 6.5 | 3.8 | 2.5 | 1.4 | 0.3 | 0.3 | 0.3 | 0.2 | 0.3 | 0.3 | 0.2 | 0.2 |
| 07AUG00 | 5.9 | 4.4 | 1.4 | 0.4 | 0.2 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 21AUG00 | 7.5 | 4.3 | 2.3 | 0.6 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 04SEP00 | 5.9 | 3.3 | 1.8 | 1.4 | 0.2 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 |
| 18SEP00 | 11.5 | 6.8 | 3.8 | 2.2 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 02OCT00 | 7.1 | 4.8 | 3.0 | 0.9 | 0.3 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 |
| 16OCT00 | 13.4 | 11.2 | 6.8 | 3.1 | 1.9 | 0.9 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 |