01477050 DELAWARE RIVER AT CHESTER, PA

LOCATION.--Lat 39°50'33", long 75°21'28", Delaware County, Hydrologic Unit 02040202, in the pumping house of Kimberly-Clark Paper Company at

DRAINAGE AREA.--10,300 mi², approximately.

PERIOD OF RECORD.--December 1961 to current year.

PERIOD OF DAILY RECORD .--

SPECIFIC CONDUCTANCE: October 1963 to current year.

pH: January 1968 to current year.
WATER TEMPERATURES: December 1961 to current year. DISSOLVED OXYGEN: December 1961 to current year.

INSTRUMENTATION.--Water-quality monitor since December 1961. Probes interfaced with a data collection platform since the 1986 water year.

REMARKS.--Specific conductance, pH, water temperature, and dissolved oxygen records rated good. Data collection discontinued during winter months. Other interruptions in the record were due to malfunctions of the instrumentation. Prior to April 1981 sampling site located at auxiliary tidal-gaging station at the end of Reynolds Aluminum Company pier, 0.5 mi downstream from Chester Creek in Chester (latitude 39°50'12", longitude 75°22'00").

EXTREMES FOR PERIOD OF DAILY RECORD .--

SPECIFIC CONDUCTANCE: Maximum, 5,900 microsiemens, Oct. 7, 1965; minimum, 103 microsiemens, June 2, 1984, Apr. 9, 1987. pH: Maximum, 8.7, Sept. 13, 14, 1971, Oct. 16, 1979; minimum, 5.5, Dec. 10, 11, 1969. WATER TEMPERATURE: Maximum, 33.0°C, July 21, 1977, Aug. 3, 1999; minimum, 0.0°C, many days during winters.

DISSOLVED OXYGEN: Maximum, 16.3 mg/L, Mar. 28, 1993; minimum, 0.0 mg/L, on many days.

SPECIFIC CONDUCTANCE, MICROSIEMENS PER CENTIMETER AT 25° CELSIUS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER		1	NOVEMBER	1	I	DECEMBER	1		JANUARY	?
1	304	293	299	603	378	466	547	395	479			
2	311	299	305	717	397	510	538	413	480			
3	319	299	305	772	414	530	506	417	461			
4	321	294	302	695	419	522						
5	298	258	290									
3	270	250	250									
6	301	274	290									
7	295	282	290									
8	295	285	291									
9	298	287	293									
10	307	294	298	1200	442	772						
11	302	295	298	818	451	606						
12	302	295	297	1390	478	736						
13	307	294	301	1330	493	783						
14	310	300	306	1380	513	789						
15	325	304	311	881	494	653						
16	329	308	318	914	476	629						
17	389	309	339	721	468	587						
18	396	314	350	800	449	573						
19	367	316	341	833	468	596						
20	390	314	346	862	469	605						
21	371	320	345	862	469	571						
22	365	317	338	654	450	529						
23	365	323	342	618	433	530						
24	381	331	353	1030	470	645						
25	380	327	351	1030	485	667						
0.5	201	220	255	1 450	255							
26	391	332	357	1450	375	777						
27	431	339	381	839	451	636						
28	443	350	392	664	427	560						
29	409	349	379	616	429	528						
30	426	361	391	571	394	489						
31	509	366	412									
MONTH	509	258	329	1450	375	612	547	395	473			
HOMIN	202	230	222	T-470	213	U 1 Z	24/	223	±/3			

01477050 DELAWARE RIVER AT CHESTER, PA--Continued

SPECIFIC CONDUCTANCE, MICROSIEMENS PER CENTIMETER AT 25° CELSIUS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

			,					,				
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUAR	v		MARCH			APRIL			MAY	
1 2							300 286	233 217	248 232	282 259	221 221	233 229
3							298	211	224			
4 5							264	211	222	269 275	227	236
5										275	230	243
6							292	215	226	295	235	248
7 8							270 263	212 209	221 217	293 274	242 246	253 253
9							262	205	215	277	248	254
10							242	199	209	290	247	255
11							239	200	209	288	248	255
12 13							299	204	223	298 302	248 253	257 262
14										299	253	263
15										295	257	265
16							277	175	190	292	257	265
17							302	175	194	284	260	268
18 19							323 265	175 175	203 192	290 302	270 274	277 283
20							253	181	198	312	278	286
21							262	186	201	297	282	288
22							281	191	204	291	260	286
23							219 214	191	199 197	299 314	284 291	289 297
24 25							271	190 192	204	314	291	304
26							001	200	010	210	0.07	202
26 27							281 289	200 204	212 220	318 289	287 231	303 274
28				331	269	279	275	213	225	294	278	290
29 30				324 340	261 206	273 251	270 274	217 221	228 233	298 311	291 292	296 298
31				268	222	241				300	288	293
MONTH				340	206	261	323	175	213	319	221	270
11011111				310	200	201	323	1,3	213	313	221	270
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY	MAX	MIN JUNE	MEAN	MAX	MIN	MEAN	MAX	MIN AUGUST	MEAN		MIN S EPTEMBE	
		JUNE			JULY			AUGUST		:	SEPTEMBE	ir.
1 2	303 290	JUNE 289 275	293 284	284 279	JULY 258 260	266 265	496 478	AUGUST 352 370	400 413	786 716	SEPTEMBE 420 419	544 557
1 2 3	303 290 285	JUNE 289 275 277	293 284 282	284 279 269	JULY 258 260 259	266 265 264	496 478 496	352 370 373	400 413 424	786 716 891	420 419 431	544 557 596
1 2	303 290	JUNE 289 275	293 284	284 279	JULY 258 260	266 265	496 478	AUGUST 352 370	400 413	786 716	SEPTEMBE 420 419	544 557
1 2 3 4 5	303 290 285 291 297	289 275 277 278 279	293 284 282 283 286	284 279 269 271 275	JULY 258 260 259 262 261	266 265 264 266 266	496 478 496 498 528	352 370 373 377 380	400 413 424 427 438	786 716 891 803	420 419 431 420	544 557 596 587
1 2 3 4	303 290 285 291	289 275 277 278	293 284 282 283	284 279 269 271	JULY 258 260 259 262	266 265 264 266	496 478 496 498	352 370 373 377	400 413 424 427	786 716 891 	420 419 431	544 557 596
1 2 3 4 5	303 290 285 291 297 294 309 315	289 275 277 278 279 280 280 283	293 284 282 283 286 284 288	284 279 269 271 275 277 280 284	258 260 259 262 261 264 266 270	266 265 264 266 266 268 272 275	496 478 496 498 528 520 489 494	352 370 373 377 380 382 372 371	400 413 424 427 438 434 425 428	786 716 891 803 826 840	420 419 431 420 444 459	544 557 596 587 609 630
1 2 3 4 5	303 290 285 291 297 294 309	289 275 277 278 279 280 280	293 284 282 283 286	284 279 269 271 275 277 280	JULY 258 260 259 262 261 264 266	266 265 264 266 266 268 272	496 478 496 498 528 520 489	352 370 373 377 380 382 372	400 413 424 427 438 434 425	786 716 891 803 826 840	420 419 431 420 444 459	544 557 596 587 609 630
1 2 3 4 5 6 7 8 9	303 290 285 291 297 294 309 315 321 321	289 275 277 278 279 280 280 283 284 278	293 284 282 283 286 284 288 288 288	284 279 269 271 275 277 280 284 282 291	258 260 259 262 261 264 266 270 267	266 265 264 266 266 272 275 273 2772	496 478 496 498 528 520 489 494 527 541	352 370 373 377 380 382 372 371 373 385	400 413 424 427 438 434 425 428 446 450	786 716 891 803 826 840 	420 419 431 420 444 459 	544 557 596 587 609 630
1 2 3 4 5 6 7 8 9 10	303 290 285 291 297 294 309 315 321 321	289 275 277 278 279 280 280 283 284 278	293 284 282 283 286 284 288 288 288 288	284 279 269 271 275 277 280 284 282 291	258 260 259 262 261 264 266 270 267 267	266 265 264 266 266 266 272 273 273 272	496 478 496 498 528 520 489 494 527 541	352 370 373 377 380 382 372 371 373 385	400 413 424 427 438 434 425 428 446 450	786 716 891 803 826 840 918	420 419 431 420 444 459 474	544 557 596 587 609 630 644
1 2 3 4 5 6 7 8 9 10	303 290 285 291 297 294 309 315 321 321 301 341 316	289 275 277 278 279 280 280 283 284 278 277	293 284 282 283 286 284 288 288 288 288 288	284 279 269 271 275 277 280 284 282 291 288 285 304	258 260 259 262 261 264 266 270 267 267 267 267	266 265 264 266 266 272 275 273 277 277 277 285	496 478 496 498 528 520 489 494 527 541 504 494 456	352 370 373 377 380 382 372 371 373 385	400 413 424 427 438 434 425 428 446 450 431 430 403	786 716 891 803 826 840 918 1260 1170	420 419 431 420 444 459 474 471 520	544 557 596 587 609 630 644 713 725
1 2 3 4 5 6 7 8 9 10 11 12 13 14	303 290 285 291 297 294 309 315 321 321 301 341 316 324	289 275 277 278 279 280 280 283 284 278 277 277	293 284 282 283 286 284 288 288 288 288 288 285	284 279 269 271 275 277 280 284 282 291 288 285 304 300	258 260 259 262 261 264 266 270 267 267 267 270 280 281	266 265 264 266 266 272 275 273 272 277 277 285 285	496 478 496 498 528 520 489 494 527 541 504 494 456 417	352 370 373 377 380 382 372 371 373 385 376 381 365 360	400 413 424 427 438 434 425 428 446 450 431 430 403 385	786 716 891 803 826 840 918 1260 1170 1180	420 419 431 420 444 459 474 471 520 498	544 557 596 587 609 630 644 713 725 707
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	303 290 285 291 297 294 309 315 321 321 301 341 316 324 318	289 275 277 278 279 280 280 283 284 278 277 278 277	293 284 282 283 286 284 288 288 288 288 288 285 285 285	284 279 269 271 275 277 280 284 282 291 288 285 304 300 305	258 260 259 262 261 264 266 270 267 267 267 270 280 281	266 265 264 266 266 272 275 273 277 272 277 285 285 287	496 478 496 498 528 520 489 494 527 541 504 494 456 417 442	352 370 373 377 380 382 372 371 373 385 376 381 365 360 365	400 413 424 427 438 434 425 428 446 450 431 430 403 385 390	786 716 891 803 826 840 918 1260 1170 1180	420 419 431 420 444 459 474 471 520 498 513	544 557 596 587 609 630 644 713 725 707 796
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	303 290 285 291 297 294 309 315 321 321 321 341 316 324 318	289 275 277 278 279 280 280 283 284 278 277 277 277 277 277	293 284 282 283 286 284 288 288 288 288 288 287	284 279 269 271 275 277 280 284 282 291 288 285 304 300 305	258 260 259 262 261 264 266 270 267 267 267 270 280 281 281	266 265 264 266 266 272 275 273 272 277 277 285 285 287	496 478 496 498 528 520 489 494 527 541 504 494 456 417 442	352 370 373 377 380 382 372 371 373 385 376 381 365 360 365	400 413 424 427 438 434 425 428 446 450 431 430 403 385 390	786 716 891 803 826 840 918 1260 1170 1180 1380	420 419 431 420 444 459 474 471 520 498 513	544 557 596 587 609 630 644 713 725 707 796
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	303 290 285 291 297 294 309 315 321 321 301 341 316 324 318	289 275 277 278 279 280 280 283 284 278 277 278 277 278	293 284 282 283 286 284 288 288 288 288 288 285 285 285	284 279 269 271 275 277 280 284 282 291 288 285 304 300 305	258 260 259 262 261 264 266 270 267 267 267 270 280 281	266 265 264 266 266 272 275 273 272 277 285 285 287 289 290 291	496 478 496 498 528 520 489 494 527 541 504 494 456 417 442	352 370 373 377 380 382 372 371 373 385 376 381 365 360 365	400 413 424 427 438 434 425 428 446 450 431 430 403 385 390	786 716 891 803 826 840 918 1260 1170 1180	420 419 431 420 444 459 474 471 520 498 513	544 557 596 587 609 630 644 713 725 707 796
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	303 290 285 291 297 294 309 315 321 321 321 341 316 324 318	289 275 277 278 279 280 280 283 284 278 277 278 277 277 277 279 278 199 257	293 284 282 283 286 284 288 288 288 288 286 285 285 287 291 236 	284 279 269 271 275 277 280 284 282 291 288 285 304 300 305 300 300 297 304	258 260 259 262 261 264 266 270 267 267 267 270 281 281 282 285 286 290	266 265 264 266 266 266 272 275 273 272 277 285 285 287 289 290 291 293	496 478 496 498 528 520 489 494 527 541 504 494 456 417 442 448 450 435 463	352 370 373 377 380 382 372 371 373 385 376 381 365 360 365	400 413 424 427 438 434 425 428 446 450 431 430 403 385 390 395 397 399	786 716 891 803 826 840 918 1260 1170 1180 1380 1460 1300 1230 1280	420 419 431 420 444 459 474 471 520 498 513 527 533 554 590	544 557 596 587 609 630 644 713 725 707 796 824 837 851 893
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	303 290 285 291 297 294 309 315 321 321 301 341 316 324 318	289 275 277 278 279 280 280 283 284 278 277 278 277 277 279	293 284 282 283 286 284 288 288 288 288 285 287 291 236	284 279 269 271 275 277 280 284 282 291 288 285 304 300 305	258 260 259 262 261 264 266 270 267 267 267 270 280 281 281 282 285 286	266 265 264 266 266 272 275 273 272 277 285 285 287 289 290 291	496 478 496 498 528 520 489 494 527 541 504 494 456 417 442 448 450 435	352 370 373 377 380 382 372 371 373 385 376 381 365 360 365	400 413 424 427 438 434 425 428 446 450 431 430 403 385 390 395 397 390	786 716 891 803 826 840 918 1260 1170 1180 1380	420 419 431 420 444 459 474 471 520 498 513 527 533 554	544 557 596 587 609 630 644 713 725 707 796 824 837 851 893 948
1 2 3 4 5 6 7 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	303 290 285 291 297 294 309 315 321 321 321 341 316 324 318 346 287 273 269	289 275 277 278 279 280 280 283 284 278 277 278 277 277 279 278 199 257 246	293 284 282 283 286 284 288 288 288 286 285 285 287 291 236 267 260	284 279 269 271 275 277 280 284 282 291 288 285 304 300 305 300 300 297 304 309	258 260 259 262 261 264 266 270 267 267 267 270 281 281 281 282 285 290 292	266 265 264 266 266 266 272 273 272 273 272 277 285 285 287 289 290 291 293 298	496 478 496 498 528 520 489 494 527 541 504 494 456 417 442 448 450 435 463 493	352 370 373 377 380 382 372 371 373 385 376 381 365 360 365 364 358 360 368	400 413 424 427 438 434 425 428 446 450 431 430 403 385 390 395 397 399 416 426	786 716 891 803 826 840 918 1260 1170 1180 1380 1460 1300 1230 1280 1360	420 419 431 420 444 459 474 471 520 498 513 527 533 554 647	544 557 596 587 609 630 644 713 725 707 796 824 837 851 893 948
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	303 290 285 291 297 294 309 315 321 321 301 341 316 324 318 346 287 273 269	289 275 277 278 279 280 280 283 284 278 277 278 277 278 277 277 279 278 199 257 246	293 284 282 283 286 284 288 288 288 288 285 285 287 291 236 267 260	284 279 269 271 275 277 280 284 282 291 288 285 304 300 305 300 297 304 309	258 260 259 262 261 264 266 270 267 267 270 280 281 281 282 285 286 290 292	266 265 264 266 266 272 275 273 272 277 285 287 289 290 291 293 298	496 478 498 528 520 489 494 527 541 504 494 456 417 442 448 450 435 463 493	352 370 373 377 380 382 372 371 373 385 376 381 365 365 360 365	400 413 424 427 438 434 425 428 446 450 431 430 403 385 390 397 390 399 416	786 716 891 803 826 840 918 1260 1170 1180 1380 1460 1300 1230 1280 1360	420 419 431 420 444 459 474 471 520 498 513 527 533 554 590 647	544 557 596 587 609 630 644 713 725 707 796 824 837 851 893 948
1 2 3 4 5 6 7 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	303 290 285 291 297 294 309 315 321 321 321 341 316 324 318 346 287 273 269 256 256 258 262	289 275 277 278 279 280 280 283 284 278 277 278 277 277 277 279 278 199 257 246 241 242 247	293 284 282 283 286 284 288 288 288 286 285 287 291 236 267 260 251 253 254 251	284 279 269 271 275 277 280 284 282 291 288 285 304 300 305 300 307 309 317 317 327 332	258 269 262 261 264 266 270 267 267 267 267 281 281 281 282 285 290 292	266 265 264 266 266 266 272 273 272 273 272 277 285 285 287 289 290 291 293 298 300 303 303 308 316	496 478 496 498 528 520 489 494 527 541 504 494 456 417 442 448 450 435 463 493	352 370 373 377 380 382 372 371 373 385 376 381 365 360 365 364 358 360 368	400 413 424 427 438 434 425 428 446 450 431 430 385 390 395 397 399 416 426 508	786 716 891 803 826 840 918 1260 1170 1180 1380 1460 1300 1230 1280 1360	420 419 431 420 444 459 474 471 520 498 513 527 533 554 606	544 557 596 587 609 630 644 713 725 707 796 824 837 851 893 948 912 868 815 839
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	303 290 285 291 297 294 309 315 321 321 301 341 316 324 318 346 287 273 269 256 256 258	289 275 277 278 279 280 280 283 284 278 277 278 277 279 278 277 279 278 199 257 246 241 242 247	293 284 282 283 286 284 288 288 288 288 287 291 236 267 267 260 251 253 254	284 279 269 271 275 277 280 284 282 291 288 285 304 300 305 300 297 304 309	258 260 259 262 261 264 266 270 267 267 270 280 281 281 281 282 285 286 290 292	266 265 264 266 266 268 272 275 273 272 277 285 287 289 290 291 293 298 300 303 303 308	496 478 498 528 520 489 494 527 541 504 494 456 417 442 448 450 435 463 493	352 370 373 377 380 382 372 371 373 385 376 381 365 360 365 364 358 360 365	400 413 424 427 438 434 425 428 446 450 431 430 403 385 390 397 397 399 416	786 716 891 803 826 840 918 1260 1170 1180 1380 1460 1300 1230 1280 1360	420 419 431 420 444 459 471 520 498 513 527 533 554 590 647 625 609 588	544 557 596 587 609 630 644 713 725 707 796 824 837 851 893 948
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	303 290 285 291 297 294 309 315 321 321 321 341 316 324 318 346 287 273 269 256 256 258 262 263	289 275 277 278 279 280 280 283 284 278 277 278 277 277 279 278 257 246 241 242 247 249	293 284 282 283 286 284 288 288 288 288 285 287 291 236 267 260 251 253 254 251 255	284 279 269 271 275 277 280 284 282 291 288 285 304 300 305 300 307 309 317 317 327 332 340 339	258 269 262 261 264 266 270 267 267 267 267 281 281 281 282 285 290 292 293 300 305	266 265 264 266 266 266 272 273 272 273 272 277 285 285 287 289 290 291 293 298 300 303 308 316 319	496 478 496 498 528 520 489 494 527 541 504 494 456 417 442 448 450 435 463 493 506 600 697	352 370 373 377 380 382 372 371 373 385 376 381 365 365 360 365 364 358 360 368 371 441 438 430	400 413 424 427 438 434 425 428 446 450 431 430 403 385 390 395 397 399 416 426 508 531 536	786 716 891 803 826 840 918 1260 1170 1180 1380 1460 1300 1230 1230 1280 1360	420 419 431 420 444 459 474 471 520 498 513 527 533 554 590 647 625 609 589 540	544 557 596 587 609 630 644 713 725 707 796 824 837 851 893 948 912 868 815 839 803
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 25 26 27	303 290 285 291 297 294 309 315 321 321 321 341 316 324 318 346 287 273 269 256 258 262 263	289 275 277 278 279 280 280 283 284 278 277 279 277 277 277 277 277 246 241 242 247 249 254	293 284 282 283 286 284 288 288 288 288 285 285 285 285 285 225 267 260 251 253 254 255 255 259 258	284 279 269 271 275 277 280 284 282 291 288 285 304 300 305 300 307 307 307 307 307 307 307 307 307	258 260 259 262 261 264 266 270 267 267 267 281 281 281 282 285 286 290 292 293 293 296 305 306 316	266 265 264 266 266 266 272 273 272 277 285 285 285 287 289 290 291 293 298 300 303 308 316 319	496 478 496 498 528 520 489 494 527 541 504 494 456 417 442 448 450 435 463 493 506 600 697	352 370 373 377 380 382 372 371 373 385 376 381 365 360 365 364 358 360 368 371 441 438 430 431	400 413 424 427 438 434 425 428 446 450 431 430 403 385 390 395 397 399 416 426 508 531 536 517	786 716 891 803 826 840 918 1260 1170 1180 1380 1460 1300 1230 1280 1360 1270 1210 1120 1250 1020	420 419 431 420 444 459 471 520 498 513 527 533 554 609 588 609 588 609 589	544 557 596 587 609 630 644 713 725 707 796 824 837 851 893 948 912 868 815 839 803
1 2 3 4 5 6 7 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	303 290 285 291 297 294 309 315 321 321 321 341 316 324 318 346 287 273 269 256 258 262 263 274 274 287 282	289 275 277 278 279 280 280 283 284 278 277 279 277 277 277 277 277 246 241 242 247 247 247 249 254 251 252 253	293 284 282 283 286 284 288 288 288 288 287 291 236 267 260 251 253 254 251 255 259 258 261	284 279 269 271 275 277 280 284 282 291 288 285 304 300 305 300 307 307 317 327 332 340 339 368 379 400	258 269 262 261 264 266 270 267 267 267 267 281 281 282 285 290 292 293 300 305 316 336	266 265 264 266 266 266 272 273 272 273 272 277 285 285 287 299 291 293 298 300 303 303 316 319	496 478 496 498 528 520 489 494 527 541 504 494 456 417 442 448 450 435 463 493 506 600 697 711 652 672 720	352 370 373 377 380 382 372 371 373 385 376 381 365 360 365 364 358 360 368 371 441 438 430 431 424 432	400 413 424 427 438 434 425 428 446 450 431 430 433 385 390 395 397 399 416 426 508 531 536 517 524	786 716 891 803 826 840 918 1260 1170 1180 1380 1460 1300 1230 1230 1280 1360 1270 1210 1120 1250 1020 952 840 841	420 419 431 420 444 459 474 471 520 498 513 527 533 554 590 647 625 609 589 540 483 480	544 557 596 587 609 630 644 713 725 707 796 824 837 851 893 948 912 868 815 839 803 721 616 617
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 27 28 29 30 20 21 22 23 24 25 26 27 27 28 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	303 290 285 291 297 294 309 315 321 321 321 331 341 316 324 318 346 287 273 269 256 258 262 263 274 287 287 287	289 275 277 278 279 280 280 283 284 278 277 279 277 277 277 277 277 246 241 242 247 249 254 251 252 253 256	293 284 282 283 286 284 288 288 288 285 285 285 285 225 225 225	284 279 269 271 275 277 280 284 282 291 288 285 304 300 305 300 307 307 317 327 327 327 327 340 339 368 379 400 457	258 260 259 262 261 264 266 270 267 267 267 267 281 281 282 285 290 292 293 293 296 305 306 316 326 336 336 336	266 265 264 266 266 266 272 273 272 277 285 285 287 289 290 291 293 298 300 303 308 316 319	496 478 496 498 528 520 489 494 527 541 504 494 456 417 442 448 450 435 463 493 506 600 697 711 652 672 720 722	352 370 373 380 382 372 371 373 385 376 381 365 360 365 364 358 360 368 371 441 438 430 431 424 432 418	400 413 424 427 438 434 425 428 446 450 431 430 403 385 390 395 397 399 416 426 508 531 5317 510 524 528	786 716 891 803 826 840 918 1260 1170 1180 1380 1460 1300 1230 1230 1280 1360 1270 1210 1120 1250 1020	420 419 431 420 444 459 474 471 520 498 513 527 533 5540 647 625 609 588 606 589	544 557 596 587 609 630 644 713 725 707 796 824 837 851 893 948 912 868 815 839 803 721 616 617 763
1 2 3 4 5 6 7 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	303 290 285 291 297 294 309 315 321 321 321 341 316 324 318 346 287 273 269 256 258 262 263 274 274 287 282	289 275 277 278 279 280 280 283 284 278 277 279 277 277 277 277 277 246 241 242 247 247 247 249 254 251 252 253	293 284 282 283 286 284 288 288 288 288 287 291 236 267 260 251 253 254 251 255 259 258 261	284 279 269 271 275 277 280 284 282 291 288 285 304 300 305 300 307 307 317 327 332 340 339 368 379 400	258 269 262 261 264 266 270 267 267 267 267 281 281 282 285 290 292 293 300 305 316 336	266 265 264 266 266 266 272 273 272 273 272 277 285 285 287 299 291 293 298 300 303 303 316 319	496 478 496 498 528 520 489 494 527 541 504 494 456 417 442 448 450 435 463 493 506 600 697 711 652 672 720	352 370 373 377 380 382 372 371 373 385 376 381 365 360 365 364 358 360 368 371 441 438 430 431 424 432	400 413 424 427 438 434 425 428 446 450 431 430 433 385 390 395 397 399 416 426 508 531 536 517 524	786 716 891 803 826 840 918 1260 1170 1180 1380 1460 1300 1230 1230 1280 1360 1270 1210 1120 1250 1020 952 840 841	420 419 431 420 444 459 474 471 520 498 513 527 533 554 590 647 625 609 589 540 483 480	544 557 596 587 609 630 644 713 725 707 796 824 837 851 893 948 912 868 815 839 803 721 616 617

01477050 DELAWARE RIVER AT CHESTER, PA--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN I	MEDIAN	MAX	MIN I	MEDIAN	MAX	MIN I	MEDIAN	MAX	MIN	MEDIAN
		OCTOBER			NOVEMBER		I	DECEMBER			JANUAR	Y
1 2	6.9 7.0	6.8 6.8	6.9 6.9	7.2 7.3	7.1 7.1	7.2 7.2	7.1 7.1	7.1 7.1	7.1 7.1			
3 4	6.9	6.8	6.9	7.2	7.1	7.2 7.1	7.2	7.0	7.1			
5	6.9	6.8	6.9		7.0	/ . <u>1</u>						
6	6.9	6.8	6.9									
7 8	6.9 6.9	6.8 6.8	6.8 6.9									
9 10	7.0 7.0	6.9 7.0	6.9 7.0	7.3	7.2	7.3						
11 12	7.0 7.0	6.8 6.9	7.0 7.0	7.3 7.4	7.2 7.2	7.3 7.3						
13 14	7.0 7.0	6.9 6.8	6.9 6.9	7.4 7.4	7.3 7.3	7.3 7.3						
15	6.9	6.8	6.8	7.4	7.2	7.3						
16	6.9	6.8	6.8	7.3	7.2	7.3						
17 18	7.1 7.1	6.9 7.0	7.0 7.0	7.3 7.3	7.1 7.2	7.3 7.2						
19 20	7.0 7.1	6.9 6.9	7.0 7.0	7.3 7.3	7.2 7.3	7.3 7.3						
21 22	7.1 7.0	6.9 6.8	7.0 6.9	$7.4 \\ 7.4$	7.3 7.2	7.3 7.3						
23 24	7.0 7.0	6.9 6.9	7.0 6.9	7.4 7.3	7.2 7.2	7.3 7.2						
25	6.9	6.8	6.8	7.2	7.1	7.2						
26	6.9	6.8	6.9	7.1	6.9	7.1						
27 28	7.0 7.0	6.8 6.9	6.9 6.9	7.1 7.1	6.9 6.9	7.0 7.0						
29	7.0	7.0	7.0	7.1	6.9	7.1						
30 31	7.1 7.1	7.0 7.1	7.1 7.1	7.1	7.0	7.1						
MAX MIN	7.1 6.9	7.1 6.8	7.1 6.8	7.4 7.1	7.3 6.9	7.3 7.0	7.2 7.1	7.1 7.0	7.1 7.1			
PILIN	0.9	0.0	0.0	7.1	0.9	7.0	7.1	7.0	7.1			
DAY	MAX	MIN I	MEDIAN	MAX	MIN I	MEDIAN	MAX	MIN I	MEDIAN	MAX	MIN	MEDIAN
DAY		MIN I		MAX	MIN I	MEDIAN	MAX	MIN I	MEDIAN	MAX	MIN MAY	MEDIAN
1		FEBRUAR	Y 		MARCH		7.3	APRIL 7.3	7.3	7.4	MAY 7.3	7.3
		FEBRUAR	Y		MARCH			APRIL			MAY	
1 2 3 4		FEBRUAR:	 		MARCH 	 	7.3 7.3 7.3 7.2	7.3 7.2 7.2 7.2	7.3 7.2 7.2 7.2	7.4 7.4 7.4	7.3 7.3 7.2	7.3 7.3 7.3
1 2 3 4 5	 	FEBRUAR*	 	 	MARCH 	 	7.3 7.3 7.3 7.2	7.3 7.2 7.2 7.2 7.2	7.3 7.2 7.2 7.2 7.2	7.4 7.4 7.4 7.3	MAY 7.3 7.3 7.2 7.2	7.3 7.3 7.3 7.3
1 2 3 4		FEBRUAR:	 		MARCH 	 	7.3 7.3 7.3 7.2	7.3 7.2 7.2 7.2	7.3 7.2 7.2 7.2	7.4 7.4 7.4	7.3 7.3 7.2	7.3 7.3 7.3
1 2 3 4 5 6 7 8	==== ==== ====	FEBRUAR'	Y	 	MARCH	==== ==== ==== ====	7.3 7.3 7.3 7.2 7.3 7.3	7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	7.3 7.2 7.2 7.2 7.2 7.2 7.2	7.4 7.4 7.4 7.3 7.5 7.5	7.3 7.3 7.2 7.2 7.2 7.3 7.3	7.3 7.3 7.3 7.3 7.4 7.5 7.4
1 2 3 4 5	=======================================	FEBRUAR'	Y	 	MARCH	==== ==== ====	7.3 7.3 7.3 7.2 7.3 7.3	7.3 7.2 7.2 7.2 7.2 7.2 7.2	7.3 7.2 7.2 7.2 7.2 7.2	7.4 7.4 7.4 7.3 7.5 7.5	MAY 7.3 7.3 7.2 7.2 7.2 7.2	7.3 7.3 7.3 7.3 7.4 7.5
1 2 3 4 5 6 7 8 9 10		FEBRUAR:	Y		MARCH		7.3 7.3 7.3 7.2 7.3 7.3 7.3 7.3 7.3	7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.1 7.1	7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	7.4 7.4 7.4 7.3 7.5 7.5 7.5 7.5 7.5	MAY 7.3 7.3 7.2 7.2 7.2 7.2 7.3 7.3 7.3 7.3 7.3	7.3 7.3 7.3 7.3 7.4 7.5 7.4 7.4 7.3
1 2 3 4 5 6 7 8 9 10	 	FEBRUAR'	Y	 	MARCH	 	7.3 7.3 7.3 7.2 7.3 7.3 7.3 7.3 7.3 7.3	7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.1	7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	7.4 7.4 7.4 7.3 7.5 7.5 7.5 7.5 7.4	MAY 7.3 7.3 7.2 7.2 7.2 7.3 7.3 7.3 7.3 7.3 7.3 7.2 7.2 7.2	7.3 7.3 7.3 7.3 7.3 7.4 7.5 7.4 7.3
1 2 3 4 5 6 7 8 9 10 11 12 13 14		FEBRUAR'	Y		MARCH		7.3 7.3 7.3 7.2 7.3 7.3 7.3 7.3 7.3	7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.1 7.1	7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	7.4 7.4 7.4 7.3 7.5 7.5 7.5 7.4 7.3 7.3 7.2	MAY 7.3 7.3 7.2 7.2 7.2 7.3 7.3 7.3 7.3 7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.2	7.3 7.3 7.3 7.3 7.4 7.5 7.4 7.4 7.3 7.2 7.2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		FEBRUAR'	Y		MARCH		7.3 7.3 7.3 7.2 7.3 7.3 7.3 7.3 7.3 7.3 7.3	7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	7.4 7.4 7.4 7.3 7.5 7.5 7.5 7.5 7.5 7.2 7.2	MAY 7.3 7.3 7.2 7.2 7.2 7.3 7.3 7.3 7.3 7.3 7.2 7.2 7.2 7.2 7.1	7.3 7.3 7.3 7.3 7.4 7.5 7.4 7.4 7.3 7.2 7.2 7.2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		FEBRUAR:	Y		MARCH		7.3 7.3 7.3 7.2 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3	7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.1 7.1 7.2 7.2 7.2 7.1 7.1	7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	7.4 7.4 7.4 7.3 7.5 7.5 7.5 7.4 7.3 7.3 7.2 7.2	MAY 7.3 7.3 7.2 7.2 7.2 7.3 7.3 7.3 7.3 7.3 7.3 7.1 7.1 7.1	7.3 7.3 7.3 7.3 7.4 7.5 7.4 7.3 7.3 7.2 7.2 7.2 7.2 7.2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		FEBRUAR:	Y		MARCH		7.3 7.3 7.3 7.2 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3	7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.1 7.1 7.2 7.2 7.1 7.1	7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	7.4 7.4 7.4 7.3 7.5 7.5 7.5 7.4 7.3 7.3 7.2 7.2	MAY 7.3 7.3 7.2 7.2 7.2 7.3 7.3 7.3 7.3 7.3 7.1 7.1	7.3 7.3 7.3 7.3 7.4 7.5 7.4 7.4 7.3 7.2 7.2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18		FEBRUAR'	Y		MARCH		7.3 7.3 7.2 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3	7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.1 7.1 7.2 7.2 7.2 7.2 7.2 7.1 7.1 7.2 7.2 7.2 7.2 7.2	7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	7.4 7.4 7.3 7.5 7.5 7.5 7.5 7.2 7.2 7.2	MAY 7.3 7.3 7.2 7.2 7.2 7.3 7.3 7.3 7.3 7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	7.3 7.3 7.3 7.3 7.4 7.5 7.4 7.7 7.2 7.2 7.2 7.2 7.2 7.2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21		FEBRUAR:	Y		MARCH		7.3 7.3 7.3 7.2 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.4 7.4 7.4 7.3	7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.1 7.1 7.2 7.2 7.2 7.2 7.2 7.2 7.1 7.1 7.2 7.2 7.2 7.2 7.1 7.1 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	7.4 7.4 7.3 7.5 7.5 7.5 7.5 7.2 7.2 7.2 7.2 7.2 7.2	MAY 7.3 7.3 7.2 7.2 7.2 7.3 7.3 7.3 7.3 7.3 7.1 7.1 7.1 7.1 7.1 7.1	7.3 7.3 7.3 7.3 7.4 7.5 7.4 7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23		FEBRUAR'	Y		MARCH		7.3 7.3 7.3 7.2 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.4 7.5 7.4 7.5 7.4 7.3 7.2	7.3 7.2 7.2 7.2 7.2 7.2 7.1 7.1 7.2 7.2 7.2 7.2 7.2 7.1 7.1 7.2 7.2 7.2 7.2 7.2 7.1 7.1 7.1	7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	7.4 7.4 7.4 7.3 7.5 7.5 7.5 7.5 7.4 7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	7.3 7.3 7.2 7.2 7.2 7.3 7.3 7.3 7.3 7.3 7.2 7.2 7.2 7.1 7.1 7.1 7.1 7.1	7.3 7.3 7.3 7.3 7.4 7.5 7.4 7.5 7.4 7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.1 7.1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22		FEBRUAR:	Y		MARCH		7.3 7.3 7.3 7.2 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.4 7.5 7.4 7.4 7.3 7.3 7.3	7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.1 7.1 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	7.4 7.4 7.4 7.3 7.5 7.5 7.5 7.4 7.3 7.3 7.2 7.2 7.2 7.2 7.2	MAY 7.3 7.3 7.2 7.2 7.2 7.3 7.3 7.3 7.3 7.3 7.1 7.1 7.1 7.1 7.1 7.1 7.1	7.3 7.3 7.3 7.3 7.4 7.5 7.4 7.3 7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.1 7.1
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 25 26 26 27 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20		FEBRUAR:	Y		MARCH		7.3 7.3 7.3 7.2 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.4 7.4 7.4 7.3 7.3 7.4 7.4 7.7 7.3 7.4 7.4 7.7 7.3 7.4 7.7 7.3 7.4 7.4 7.7 7.3 7.4 7.4 7.7 7.3 7.4 7.4	7.3 7.2 7.2 7.2 7.2 7.2 7.1 7.1 7.2 7.2 7.2 7.2 7.2 7.1 7.1 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	7.4 7.4 7.3 7.5 7.5 7.5 7.5 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	7.3 7.3 7.2 7.2 7.2 7.3 7.3 7.3 7.3 7.3 7.1 7.1 7.1 7.1 7.1 7.1 7.1 7.1 7.0 7.0	7.3 7.3 7.3 7.3 7.4 7.5 7.4 7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.1 7.1 7.0
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 25 26 27		FEBRUAR'	Y		MARCH		7.3 7.3 7.3 7.2 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.4 7.5 7.4 7.5 7.4 7.7 7.3 7.2 7.3 7.4 7.4 7.5 7.4 7.7	7.3 7.2 7.2 7.2 7.2 7.2 7.1 7.1 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	7.4 7.4 7.3 7.5 7.5 7.5 7.5 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	7.3 7.3 7.2 7.2 7.2 7.3 7.3 7.3 7.3 7.3 7.2 7.2 7.2 7.1 7.1 7.1 7.1 7.1 7.1 7.1 7.1 7.1	7.3 7.3 7.3 7.3 7.4 7.5 7.4 7.4 7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.1 7.1 7.1 7.1 7.1 7.1 7.1 7.1
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 27 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20		FEBRUAR:	Y		MARCH		7.3 7.3 7.2 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.4 7.4 7.4 7.3 7.4 7.4 7.4 7.4 7.4 7.4	7.3 7.2 7.2 7.2 7.2 7.1 7.1 7.2 7.2 7.2 7.2 7.2 7.1 7.1 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	7.4 7.4 7.3 7.5 7.5 7.5 7.5 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	7.3 7.3 7.2 7.2 7.2 7.3 7.3 7.3 7.3 7.2 7.2 7.2 7.2 7.1 7.1 7.1 7.1 7.1 7.1 7.0 7.0 7.0	7.3 7.3 7.3 7.4 7.5 7.4 7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.1 7.1 7.1 7.1 7.1 7.1
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		FEBRUAR:	Y		MARCH		7.3 7.3 7.2 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.4 7.5 7.4 7.5 7.4 7.7 7.3 7.4 7.4 7.4 7.4	7.3 7.2 7.2 7.2 7.2 7.2 7.1 7.1 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	7.4 7.4 7.3 7.5 7.5 7.5 7.5 7.4 7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	7.3 7.3 7.2 7.2 7.2 7.3 7.3 7.3 7.3 7.3 7.2 7.2 7.2 7.1 7.1 7.1 7.1 7.1 7.1 7.0 7.0	7.3 7.3 7.3 7.3 7.4 7.5 7.4 7.5 7.4 7.3 7.2 7.2 7.2 7.2 7.2 7.2 7.1 7.1 7.1 7.1 7.1 7.1

01477050 DELAWARE RIVER AT CHESTER, PA--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		JUNE			JULY		-	AUGUST		5	EPTEMB	ΞR
1 2 3 4 5	7.3 7.2 7.3 7.3 7.4	7.2 7.2 7.2 7.2 7.2	7.2 7.2 7.2 7.3 7.3	6.9 7.0 7.0 7.0 7.0	6.8 6.9 6.9	6.8 6.9 7.0 7.0	7.1 7.1 7.2 7.2 7.1	7.0 7.0 7.0 7.0 7.0	7.1 7.1 7.1 7.1 7.0	7.2 7.2 7.2 7.2 7.2	7.0 7.0 7.0 7.0 7.0	7.1 7.1 7.1 7.1 7.1
6 7 8 9 10	7.4 7.3 7.2 7.2 7.1	7.2 7.2 7.2 7.1 7.0	7.3 7.2 7.2 7.1 7.1	7.0 7.1 7.1 7.0 7.0	6.9 7.0 7.0 7.0 7.0	7.0 7.0 7.1 7.0 7.0	7.1 7.1 7.1 7.1 7.1	7.0 7.0 6.9 6.9	7.0 7.0 7.0 7.0 7.0	7.2 7.2 	7.0 7.0 	7.1 7.1
11 12 13 14 15	7.1 7.1 7.0 7.0 6.9	7.0 6.9 6.9 6.9	7.1 7.0 7.0 6.9 6.9	7.0 7.0 7.0 7.0 7.0	6.9 7.0 7.0 6.9 6.9	7.0 7.0 7.0 7.0 7.0	7.0 7.0 7.0 7.0 7.0	6.9 6.8 6.8 6.9	6.9 6.9 6.9 6.9	7.2 7.3 7.3 7.3 7.3	7.0 7.0 7.0 7.0 7.1	7.1 7.1 7.1 7.1 7.2
16 17 18 19 20	7.0 6.9 6.9 6.8	6.8 6.7 6.8 6.8	6.9 6.8 6.8 6.8	7.0 7.0 6.9 7.0 7.1	6.9 6.8 6.9 6.9	6.9 6.9 6.9 7.0	7.1 7.1 7.1 7.1 7.1	6.9 6.9 6.9 6.9	7.0 7.0 7.0 7.0 7.0	7.3 7.3 7.3 7.2 7.2	7.1 7.0 7.0 7.0 7.1	7.2 7.1 7.1 7.1 7.2
21 22 23 24 25	6.8 6.9 6.9 6.9	6.8 6.8 6.8 6.8	6.8 6.8 6.8 6.8	7.0 7.1 7.1 7.0 7.1	6.9 6.9 6.9 7.0	7.0 7.0 7.0 7.0 7.0	7.1 7.1 7.1	6.9 6.9 6.9	7.0 7.0 7.0	7.2 7.2 7.1 7.2 7.2	7.0 7.0 7.0 7.0 7.1	7.1 7.1 7.0 7.1 7.1
26 27 28 29 30 31	6.8 6.8 6.8 6.8	6.8 6.7 6.8 6.8	6.8 6.8 6.8 6.8	7.1 7.1 7.1 7.1 7.1 7.1	6.9 7.0 7.0 7.0 7.0	7.0 7.0 7.0 7.0 7.1 7.1	7.2 7.2 7.2 7.2 7.2 7.2	6.9 7.0 7.0 7.0 6.9 7.0	7.1 7.1 7.1 7.1 7.1 7.1	7.2 7.2 7.2 7.2 7.3	7.1 7.1 7.1 7.1 7.2	7.1 7.1 7.1 7.2 7.2
MAX MIN	7.4 6.8	7.2 6.7	7.3 6.8	7.1 6.9	7.0 6.8	7.1 6.8	7.2 7.0	7.0 6.8	7.1 6.9	7.3 7.1	7.2 7.0	7.2 7.0

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER	1	I	ECEMBER			JANUARY	
1 2 3 4 5	20.5 20.5 21.0 21.5 21.0	19.5 19.5 20.0 20.5 19.5	20.0 20.0 20.5 21.0 20.5	16.0 15.5 15.5 15.5	15.0 15.0 15.0 15.0	15.5 15.0 15.0 15.0	9.0 8.5 7.5 	8.0 7.5 6.0 	8.5 8.0 7.0 	 	 	
6 7 8 9 10	21.0 20.5 20.0 19.0 18.0	20.0 19.5 18.5 17.5	20.5 20.0 19.0 18.5 17.5	 14.5	 13.5	 14.0	 		 		 	
11 12 13 14 15	18.0 18.0 18.0 18.5	16.5 17.0 17.0 17.5	17.5 17.5 17.5 18.0 18.0	14.0 13.5 13.5 13.5 13.0	13.5 13.0 13.0 12.5 12.0	14.0 13.5 13.5 13.5 12.5	 	 	 		 	
16 17 18 19 20	18.5 18.5 18.5 18.5	18.0 18.0 18.0 17.5	18.0 18.0 18.0 18.0	12.5 12.5 12.0 11.5 11.0	11.5 11.5 11.0 10.0	12.0 12.0 11.5 11.0 10.5	 		 	 	 	
21 22 23 24 25	18.5 18.5 18.0 18.0	17.0 17.5 16.5 17.0 17.5	18.0 18.0 17.5 17.5	10.5 9.5 9.5 9.0 8.5	9.0 7.0 7.5 8.0 7.5	10.0 9.0 9.0 8.5 8.0	 		 	 	 	
26 27 28 29 30 31	18.0 18.0 18.0 17.0 16.0	17.0 17.5 16.5 15.5 15.0	17.5 17.5 17.5 16.5 16.0 15.5	8.5 9.0 9.0 9.5 9.0	7.5 8.5 8.5 8.5 8.0	8.5 8.5 9.0 9.0 8.5	 	 	 	 	 	
MONTH	21.5	15.0	18.2	16.0	7.0	11.5	9.0	6.0	7.8			

01477050 DELAWARE RIVER AT CHESTER, PA--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUAR	Y.		MARCH			APRIL			MAY	
1 2 3 4	 	 	 	 	 	 	8.5 8.5 9.5 10.0	7.5 7.5 7.5 8.0	7.5 7.5 8.0 8.5	17.5 18.0 19.0	15.5 16.0 17.5	16.0 17.0 18.0
5 6							10.0	9.0	9.0	19.5 19.0	18.0 18.0	18.5 18.5
7 8 9 10					 		9.5 9.5 12.0 12.0	9.0 8.5 9.0 10.0	9.0 9.0 9.5 10.5	18.5 19.0 19.0 20.0	17.5 18.0 18.5 18.5	18.0 18.5 19.0 19.5
11 12 13							12.0	10.5	11.0	20.5 21.0 21.0	19.0 19.5 20.0	20.0
14 15										20.5	19.5 19.0	20.0 19.5
16 17 18 19					 		13.0 12.5 12.5 12.5	11.5 11.5 11.0 11.0	12.0 12.0 11.5 11.5	20.0 19.5 19.0 20.0	19.0 19.0 18.5 18.5	19.5 19.5 19.0 19.5
20 21							12.5	11.5	12.0	19.5	19.0	19.5
22 23 24 25			 		 		14.5 15.5 15.5 15.0	12.5 13.0 14.0 14.5	13.5 14.0 15.0 14.5	19.5 19.5 20.5 20.5	17.0 18.0 19.5 19.5	19.0 19.5 20.0 20.0
26 27 28 29 30 31			 	 8.5 8.5 8.0	 7.5 8.0 7.5 7.5	 8.0 8.0 7.5 7.5	15.0 15.5 16.0 16.0	14.0 14.0 14.5 14.5	14.5 15.0 15.0 15.0	20.0 20.0 20.5 20.5 20.5 20.5	18.5 17.5 19.0 19.5 19.5	19.5 19.0 19.5 20.0 20.0
MONTH				8.5	7.5	7.8	16.5	7.5	11.7	21.0	15.5	19.2
DAY	MAX	MIN	MEAN	MAX	MIN.	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBE	ER.
DAY 1 2 3 4 5	20.0 20.0 20.0 20.0 20.5 21.0		19.5 19.5 20.0 20.0 20.5	29.0 28.0 27.0 27.5 27.0		MEAN 28.0 27.5 27.0 27.0 27.0	27.5 27.5 27.5 27.5 27.5 27.5		MEAN 26.5 27.0 27.0 27.0 27.0			
1 2 3 4	20.0 20.0 20.0 20.5	JUNE 19.0 17.5 19.0 19.0	19.5 19.5 20.0 20.0	29.0 28.0 27.0 27.5	JULY 27.5 26.5 26.0 26.5	28.0 27.5 27.0 27.0	27.5 27.5 27.5 27.5	26.0 26.5 26.5 26.5	26.5 27.0 27.0 27.0	28.0 27.5 27.5	27.5 26.5 26.5 	27.5 27.0 27.0
1 2 3 4 5 6 7 8 9	20.0 20.0 20.0 20.5 21.0 21.0 21.5 21.5	JUNE 19.0 17.5 19.0 19.0 20.0 20.5 20.5 20.5 21.0	19.5 19.5 20.0 20.0 20.5 20.5 21.0 21.0 21.5	29.0 28.0 27.0 27.5 27.0 27.0 26.5 27.5	JULY 27.5 26.5 26.0 26.5 26.5 26.5 26.5 26.5	28.0 27.5 27.0 27.0 27.0 27.0 26.5 26.5 27.0	27.5 27.5 27.5 27.5 27.5 28.5 28.5 29.0 29.5	26.0 26.5 26.5 26.5 26.5 27.0 27.5 27.5 28.0	26.5 27.0 27.0 27.0 27.0 27.5 28.0 28.0 28.5	28.0 27.5 27.5 27.0 27.0 27.0	27.5 26.5 26.5 26.0 26.0 26.0	27.5 27.0 27.0 27.0 26.5 26.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14	20.0 20.0 20.5 21.0 21.0 21.5 21.5 22.0 22.5 24.0 24.5 25.0	JUNE 19.0 17.5 19.0 20.0 20.5 20.5 20.5 21.0 21.0 21.5 22.0 23.5	19.5 19.5 20.0 20.0 20.5 21.0 21.5 21.5 22.0 23.0 23.5 24.0	29.0 28.0 27.0 27.5 27.0 27.0 27.0 26.5 27.5 28.0 27.5 27.5 27.5	JULY 27.5 26.5 26.5 26.5 26.5 26.5 26.0 26.5 27.0 27.0 26.5 26.5	28.0 27.5 27.0 27.0 27.0 26.5 26.5 27.0 27.0 27.0 27.0 27.0 27.0 26.5 27.0 27.0	27.5 27.5 27.5 27.5 27.5 28.5 28.5 29.0 29.5 29.5 29.0 29.5	26.0 26.5 26.5 26.5 26.5 27.0 27.5 27.5 28.0 28.5 28.5 28.0 28.0	26.5 27.0 27.0 27.0 27.0 27.5 28.0 28.5 29.0 28.5 29.0	28.0 27.5 27.5 27.0 27.0 27.0 27.0 26.5 26.5	27.5 26.5 26.5 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0	27.5 27.0 27.0 26.5 26.5 26.5 26.5 26.5 26.0 26.0 25.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	20.0 20.0 20.0 20.5 21.0 21.0 21.5 21.5 22.0 22.5 24.0 24.5 25.0 25.0	JUNE 19.0 17.5 19.0 20.0 20.5 20.5 20.5 21.0 21.0 21.5 22.0 23.0 23.5 24.0	19.5 19.5 20.0 20.0 20.5 20.5 21.0 21.5 21.5 22.0 23.0 24.0 24.5 24.5	29.0 28.0 27.0 27.5 27.0 27.0 27.0 26.5 27.5 28.0 27.5 27.5 27.5 27.5 27.0 27.0	JULY 27.5 26.5 26.5 26.5 26.5 26.5 26.0 26.5 27.0 27.0 26.5 26.0 26.5 26.0 26.5 26.0	28.0 27.5 27.0 27.0 27.0 26.5 26.5 27.0 27.0 27.0 27.0 26.5 27.0 27.0 27.0 26.5 26.5 26.5 26.5	27.5 27.5 27.5 27.5 27.5 28.5 28.5 29.0 29.5 29.5 29.0 29.0 29.0 29.0 29.0 29.0 29.0 29.0	26.0 26.5 26.5 26.5 26.5 27.0 27.5 27.5 28.0 28.5 28.0 28.0 28.0 28.0 28.0 28.0 28.0 28.0	26.5 27.0 27.0 27.0 27.0 27.5 28.0 28.5 29.0 28.5 29.0 28.5 28.5 28.5 28.5 28.5	28.0 27.5 27.5 27.0 27.0 27.0 27.0 26.5 26.5 26.0 25.0 24.5 24.5 24.5	27.5 26.5 26.5 26.0 26.0 26.0 26.0 26.0 26.0 25.5 25.0 24.0 23.5 24.0 24.0	27.5 27.0 27.0 27.0 26.5 26.5 26.5 26.5 26.0 26.0 25.5 24.5 24.0 24.0 24.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	20.0 20.0 20.0 20.5 21.0 21.0 21.5 21.5 22.0 22.5 24.5 24.5 25.0 25.0 26.0 26.0 26.0 26.0	19.0 17.5 19.0 20.0 20.5 20.5 21.0 21.0 21.0 23.5 24.0 24.0 24.5 25.0 25.0 25.5	19.5 19.5 20.0 20.0 20.5 20.5 21.0 21.5 21.5 22.0 23.5 24.0 24.5 24.5 25.5 25.5 25.5 26.0 25.5	29.0 28.0 27.0 27.5 27.0 27.0 27.0 26.5 27.5 28.0 27.5 27.5 27.5 27.5 27.0 27.5 27.5 27.5 27.5 28.0 27.5 28.0	JULY 27.5 26.5 26.5 26.5 26.5 26.0 26.5 27.0 27.0 26.5 26.0 26.5 26.0 26.5 26.0 26.5 26.0	28.0 27.5 27.0 27.0 27.0 26.5 26.5 27.0	27.5 27.5 27.5 27.5 27.5 28.5 28.5 29.0 29.5 29.5 29.0 29.0 29.0 29.0 29.0 29.0 29.0 29.0	26.0 26.5 26.5 26.5 26.5 27.0 27.5 27.5 28.0 28.0 28.0 28.0 28.0 28.0 28.0 28.0	26.5 27.0 27.0 27.0 27.0 27.5 28.0 28.5 29.0 28.5 28.5 28.5 28.5 28.5 28.5 28.0 28.0 28.5	28.0 27.5 27.5 27.0 27.0 27.0 27.0 26.5 26.5 26.5 26.0 25.0 24.5 24.5 24.5 24.5 24.5 24.5	27.5 26.5 26.5 26.0 26.0 26.0 26.0 25.5 25.0 24.0 23.5 24.0 24.0 23.5 24.0 24.0	27.5 27.0 27.0 26.5 26.5 26.5 26.5 26.0 26.0 25.5 24.0 24.0 24.0 24.0 24.0 24.0 24.5 24.5

01477050 DELAWARE RIVER AT CHESTER, PA--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

	DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
2 5.8 5.1 5.4 7.6 7.3 7.5			OCTOBER			NOVEMBER			DECEMBER			JANUARY	
\$ 5.5 5.1 5.3 7.6 7.3 7.5													
\$ 5.6 5.1 5.2 5.3 7.5 7.1 7.3													
6	4	5.6	5.1			7.1							
7 5.6 4.8 5.2	5	6.5	5.2	5.6	7.4	7.2	7.3						
8 5.7 4.8 5.3	6	5.5	5.0	5.3									
9 6.1 5.2 5.6 6.2													
10 6.5 5.5 5.5 5.9													
12	10												
12 6.5 5.6 6.1	11	6.7	5.6	6.2									
14													
16													
17 6 1. 5 5.1 5.5 5													
17 6 1. 5 5.1 5.5 5	16	5.5	4.9	5.1									
19	17	6.1	5.1	5.5									
20 6.0 5.2 5.5													
22 6.3 5.4 5.7													
22 6.3 5.4 5.7	21	6 1	5 /	5 7									
23 6.5 5.5 5.9													
26 5.9 5.6 5.7													
26													
27 6.0 5.4 5.8 5.8													
28 6.2 5.6 5.9													
30													
MONTH 7.4 4.8 5.7 7.6 7.1 7.4													
MONTH 7.4 4.8 5.7 7.6 7.1 7.4													
DAY MAX MIN MEAN MAX MIN MEAN MAX MIN MEAN MIN MEAN MIN MEAN							- 4						
The color of the	MONTH	7.4	4.8	5.7	7.6	7.1	7.4						
1 10.5 10.3 10.5 9.6 8.9 9.2 2													
2 10.6 10.4 10.5 9.7 8.8 9.1 3 10.6 10.3 10.5 9.7 8.8 9.1 5 10.6 10.3 10.5 9.7 8.3 9.1 5 10.6 10.3 10.5 9.7 8.3 9.1 5 9.4 8.2 8.9 6 9.4 8.2 8.9 6 10.6 10.0 10.3 9.6 8.4 9.1 7 10.9 10.0 10.3 9.6 8.8 9.4 8 10.9 10.0 10.3 9.9 8.8 8.9 9.5 9 10.6 10.0 10.3 9.9 8.8 8.8 9.3 10 10.6 10.0 10.3 9.8 8.8 9.3 11 10.6 9.6 10.1 9.4 8.5 9.0 11 10.6 9.6 10.1 9.4 8.5 9.0 11 10.6 9.6 10.1 9.4 8.5 9.0 11 10.4 9.6 9.9 8.6 7.8 8.1 13 10.4 9.6 9.9 8.6 7.8 8.1 13 10.4 9.6 9.9 8.6 7.8 6.9 7.4 15 10.4 9.6 9.9 8.6 7.8 6.9 7.4 15 10.4 9.6 9.9 8.6 7.6 6.5 6.8 17 10.4 9.6 9.9 9.7 9.8 7.0 6.4 6.8 18 10.4 9.3 9.8 7.0 6.5 6.8 18 10.4 9.3 9.8 7.0 6.5 6.8 18 10.4 9.3 9.8 7.0 6.5 6.8 18 10.4 9.3 9.8 7.0 6.5 6.8 18 10.4 9.3 9.8 7.0 6.5 6.8 18 10.4 9.3 9.8 7.0 6.5 6.8 18 10.4 9.3 9.8 7.0 6.5 6.8 18 10.4 9.3 9.8 7.0 6.5 6.8 19 10.5 9.6 9.8 6.4 6.6 19 10.6 9.6 9.8 6.6 5.7 6.2 20 10.8 10.2 10.3 10.5 9.4 8.8 9.2 6.5 5.9 6.2 21 10.6 9.6 9.8 8.9 9.3 5.8 4.9 5.3 26 10.6 9.6 9.2 9.4 5.4 4.9 5.3 26 10.8 10.2 10.4 9.6 8.8 9.2 6.5 5.3 5.9 29 11.0 10.8 10.2 10.4 9.6 8.8 9.2 6.5 5.3 5.9 29 11.0 10.8 10.2 10.4 9.6 8.8 9.2 6.5 5.3 5.9 29 11.0 10.8 10.2 10.4 9.6 8.8 9.2 6.5 5.3 5.9 20 11.0 10.8 10.2 10.4 9.6 8.8 9.2 6.5 5.3 5.9 20 11.0 10.8 10.2 10.4 9.6 8.8 9.2 6.5 5.3 5.9 20 11.0 10.8 10.2 10.4 9.6 8.8 9.2 6.5 5.3 5.9 20 11.0 10.6 10.2 10.4 9.6 8.8 9.2 6.5 5.3 5.9 21 11.0 10.8 10.2 10.4 9.6 8.8 9.2 6.5 5.3 5.9 22 11.2 10.3 10.6 9.6 8.8 9.2 6.6 5.3 5.9 23 11.0 10.6 10.2 10.4 9.6 8.8 9.2 6.6 5.3 5.9 24 11.0 10.8 10.2 10.4 9.6 8.8 9.2 6.5 5.3 5.9 25 10.6 10.2 10.4 9.6 8.8 9.2 6.6 5.3 5.9 26 10.6 10.2 10.4 9.6 8.8 9.2 6.6 5.3 5.9 27 10.8 10.2 10.4 9.6 8.8 9.2 6.6 5.3 5.9 28 11.0 10.6 10.2 10.4 9.6 8.8 9.2 6.6 5.3 5.9	DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
2 10.6 10.4 10.5 9.7 8.8 9.1 3 10.6 10.3 10.5 9.7 8.8 9.1 5 10.6 10.3 10.5 9.7 8.3 9.1 5 10.6 10.3 10.5 9.7 8.3 9.1 5 9.4 8.2 8.9 6 9.4 8.2 8.9 6 10.6 10.0 10.3 9.6 8.4 9.1 7 10.9 10.0 10.3 9.6 8.8 9.4 8 10.9 10.0 10.3 9.9 8.8 8.9 9.5 9 10.6 10.0 10.3 9.9 8.8 8.8 9.3 10 10.6 10.0 10.3 9.8 8.8 9.3 11 10.6 9.6 10.1 9.4 8.5 9.0 11 10.6 9.6 10.1 9.4 8.5 9.0 11 10.6 9.6 10.1 9.4 8.5 9.0 11 10.4 9.6 9.9 8.6 7.8 8.1 13 10.4 9.6 9.9 8.6 7.8 8.1 13 10.4 9.6 9.9 8.6 7.8 6.9 7.4 15 10.4 9.6 9.9 8.6 7.8 6.9 7.4 15 10.4 9.6 9.9 8.6 7.6 6.5 6.8 17 10.4 9.6 9.9 9.7 9.8 7.0 6.4 6.8 18 10.4 9.3 9.8 7.0 6.5 6.8 18 10.4 9.3 9.8 7.0 6.5 6.8 18 10.4 9.3 9.8 7.0 6.5 6.8 18 10.4 9.3 9.8 7.0 6.5 6.8 18 10.4 9.3 9.8 7.0 6.5 6.8 18 10.4 9.3 9.8 7.0 6.5 6.8 18 10.4 9.3 9.8 7.0 6.5 6.8 18 10.4 9.3 9.8 7.0 6.5 6.8 19 10.5 9.6 9.8 6.4 6.6 19 10.6 9.6 9.8 6.6 5.7 6.2 20 10.8 10.2 10.3 10.5 9.4 8.8 9.2 6.5 5.9 6.2 21 10.6 9.6 9.8 8.9 9.3 5.8 4.9 5.3 26 10.6 9.6 9.2 9.4 5.4 4.9 5.3 26 10.8 10.2 10.4 9.6 8.8 9.2 6.5 5.3 5.9 29 11.0 10.8 10.2 10.4 9.6 8.8 9.2 6.5 5.3 5.9 29 11.0 10.8 10.2 10.4 9.6 8.8 9.2 6.5 5.3 5.9 29 11.0 10.8 10.2 10.4 9.6 8.8 9.2 6.5 5.3 5.9 20 11.0 10.8 10.2 10.4 9.6 8.8 9.2 6.5 5.3 5.9 20 11.0 10.8 10.2 10.4 9.6 8.8 9.2 6.5 5.3 5.9 20 11.0 10.8 10.2 10.4 9.6 8.8 9.2 6.5 5.3 5.9 20 11.0 10.6 10.2 10.4 9.6 8.8 9.2 6.5 5.3 5.9 21 11.0 10.8 10.2 10.4 9.6 8.8 9.2 6.5 5.3 5.9 22 11.2 10.3 10.6 9.6 8.8 9.2 6.6 5.3 5.9 23 11.0 10.6 10.2 10.4 9.6 8.8 9.2 6.6 5.3 5.9 24 11.0 10.8 10.2 10.4 9.6 8.8 9.2 6.5 5.3 5.9 25 10.6 10.2 10.4 9.6 8.8 9.2 6.6 5.3 5.9 26 10.6 10.2 10.4 9.6 8.8 9.2 6.6 5.3 5.9 27 10.8 10.2 10.4 9.6 8.8 9.2 6.6 5.3 5.9 28 11.0 10.6 10.2 10.4 9.6 8.8 9.2 6.6 5.3 5.9	DAY			MEAN	MAX		MEAN	MAX		MEAN	MAX		MEAN
4 10.6 10.3 10.5 9.7 8.3 9.1 5 9.4 8.2 8.9 6 10.6 10.0 10.3 9.6 8.4 9.1 7 10.9 10.0 10.3 9.6 8.4 9.1 8 10.9 10.2 10.3 10.1 8.9 9.5 9 10.6 10.0 10.3 9.8 8.8 9.3 10 10.6 10.0 10.3 9.4 8.5 9.0 11 10.6 9.6 10.1 9.4 8.5 9.0 11 10.4 9.6 9.9 9.8 7.0 8.1 7.2 7.7 14			FEBRUARY			MARCH			APRIL			MAY	
5 9.4 8.2 8.9 6 9.4 8.2 8.9 7 10.9 10.0 10.3 9.9 8.8 9.4 8 10.9 10.2 10.3 10.1 8.9 9.5 9 10.6 10.0 10.3 9.8 8.8 9.3 10 10.6 9.6 10.0 9.2 8.1 8.6 7.8 8.1 11 10.4 9.6 9.9 8.6 7.8 8.1 12 10.4 9.6 9.9 8.6 7.8 8.1 13	1 2		FEBRUARY			MARCH		10.5 10.6	APRIL 10.3 10.4	10.5 10.5	9.6 9.7	MAY 8.9 8.8	9.2 9.1
7 10.9 10.0 10.3 9.9 8.8 9.4 8 10.9 10.2 10.3 10.1 8.9 9.5 9 10.6 10.0 10.3 9.8 8.8 9.3 10 10.6 10.0 10.3 9.8 8.8 9.3 11 10.6 9.6 10.1 9.4 8.5 9.0 11 10.3 9.6 10.0 9.2 8.1 8.6 12 10.4 9.6 9.9 8.6 7.8 8.1 13 10.4 9.6 9.9 8.6 7.8 8.1 14 7.8 6.9 7.4 15 7.8 6.9 7.4 16 7.8 6.9 7.4 16 10.4 9.3 9.8 7.0 6.4 6.8 17 7.4 6.6 7.0 18 10.4 9.3 9.8 7.0 6.5 6.8 18 10.4 9.3 9.8 7.0 6.5 6.8 18 10.4 9.3 9.8 7.0 6.5 6.8 19 10.7 9.7 9.9 6.5 5.9 6.2 20 10.6 9.6 9.8 6.6 5.7 6.2 21 10.7 9.7 9.9 9.5 7.2 6.0 6.4 22 10.6 9.6 9.8 8.9 9.5 7.2 6.0 6.4 23 10.6 9.6 9.8 8.9 9.5 7.2 6.0 6.4 24 9.5 8.9 9.3 5.8 4.9 5.3 26 9.5 8.9 9.3 5.8 4.9 5.3 26 9.5 8.9 9.3 5.8 4.9 5.3 26 10.8 10.2 10.4 9.6 8.8 9.2 6.5 5.3 5.7 29 10.8 10.2 10.4 9.6 8.8 9.2 6.5 5.3 5.7 30 10.8 10.2 10.4 9.6 8.8 9.2 6.5 5.3 5.7 31 10.6 10.2 10.4 7.8 6.0 6.6	1 2 3		FEBRUARY	 	 	MARCH 	 	10.5 10.6 10.8	10.3 10.4 10.5	10.5 10.5 10.6	9.6 9.7 	MAY 8.9 8.8	9.2 9.1
7 10.9 10.0 10.3 9.9 8.8 9.4 8 10.9 10.2 10.3 10.1 8.9 9.5 9 10.6 10.0 10.3 9.8 8.8 9.3 10 10.6 10.0 10.3 9.8 8.8 9.3 11 10.6 9.6 10.1 9.4 8.5 9.0 11 10.3 9.6 10.0 9.2 8.1 8.6 12 10.4 9.6 9.9 8.6 7.8 8.1 13 10.4 9.6 9.9 8.6 7.8 8.1 14 7.8 6.9 7.4 15 7.8 6.9 7.4 16 7.8 6.9 7.4 16 10.4 9.3 9.8 7.0 6.4 6.8 17 7.4 6.6 7.0 18 10.4 9.3 9.8 7.0 6.5 6.8 18 10.4 9.3 9.8 7.0 6.5 6.8 18 10.4 9.3 9.8 7.0 6.5 6.8 19 10.7 9.7 9.9 6.5 5.9 6.2 20 10.6 9.6 9.8 6.6 5.7 6.2 21 10.7 9.7 9.9 9.5 7.2 6.0 6.4 22 10.6 9.6 9.8 8.9 9.5 7.2 6.0 6.4 23 10.6 9.6 9.8 8.9 9.5 7.2 6.0 6.4 24 9.5 8.9 9.3 5.8 4.9 5.3 26 9.5 8.9 9.3 5.8 4.9 5.3 26 9.5 8.9 9.3 5.8 4.9 5.3 26 10.8 10.2 10.4 9.6 8.8 9.2 6.5 5.3 5.7 29 10.8 10.2 10.4 9.6 8.8 9.2 6.5 5.3 5.7 30 10.8 10.2 10.4 9.6 8.8 9.2 6.5 5.3 5.7 31 10.6 10.2 10.4 7.8 6.0 6.6	1 2 3 4	 	FEBRUARY 	 		MARCH 	 	10.5 10.6 10.8 10.6	10.3 10.4 10.5 10.3	10.5 10.5 10.6 10.5	9.6 9.7 9.7	MAY 8.9 8.8 8.3	9.2 9.1 9.1
9 10.6 10.0 10.3 9.8 8.8 9.3 10 10.6 9.6 10.1 9.4 8.5 9.0 11 10.3 9.6 10.0 9.2 8.1 8.6 12 10.4 9.6 9.9 8.6 7.8 8.1 13 10.4 9.6 9.9 8.6 7.8 8.1 14 7.8 6.9 7.4 15 7.8 6.9 7.4 15 7.8 6.9 7.4 16 7.8 6.9 7.4 16 10.4 9.3 9.8 7.0 6.4 6.8 17 10.4 9.3 9.8 7.0 6.5 6.8 18 11.3 9.5 9.9 6.8 6.4 6.6 19 11.3 9.5 9.9 6.8 6.4 6.6 19 10.4 9.3 9.8 6.6 5.7 6.2 20 10.6 9.6 9.8 6.6 5.7 6.2 21 10.6 9.6 9.8 6.6 5.7 6.2 21 10.6 9.6 9.8 6.6 5.7 6.2 21 10.6 9.6 9.8 6.6 5.7 6.2 22 10.6 9.6 9.8 8.9 9.5 7.2 6.0 6.5 23 9.8 8.9 9.5 7.2 6.0 6.5 24 9.7 9.2 9.5 6.9 5.3 5.9 24 9.7 9.2 9.5 6.9 5.3 5.9 24 9.7 9.2 9.5 6.9 5.3 5.9 24 9.7 9.2 9.5 6.9 5.3 5.9 25 11.2 10.3 10.5 9.4 8.8 9.2 6.5 5.4 6.2 28 11.2 10.3 10.5 9.4 8.8 9.2 6.5 5.3 5.7 29 11.0 10.3 10.5 9.4 8.8 9.2 6.5 5.3 5.7 30 11.0 10.3 10.6 9.6 8.9 9.2 7.5 5.6 6.2 31 11.0 10.3 10.6 9.6 8.9 9.2 7.5 5.6 6.2 31 11.0 10.3 10.6 9.6 8.9 9.2 7.5 5.6 6.2	1 2 3 4 5		FEBRUARY		 	MARCH		10.5 10.6 10.8 10.6	10.3 10.4 10.5 10.3	10.5 10.5 10.6 10.5	9.6 9.7 9.7 9.4	8.9 8.8 8.3 8.2	9.2 9.1 9.1 8.9
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21 10.3 9.5 9.7 7.0 6.2 6.5 22 9.8 8.9 9.5 7.2 6.0 6.4 23 9.7 9.2 9.5 6.9 5.3 5.9 24 9.6 9.2 9.4 5.4 4.9 5.2 25 9.5 8.9 9.3 5.8 4.9 5.3 26 9.5 8.9 9.3 6.5 5.4 5.8 27 9.5 8.9 9.2 7.6 5.4 6.2 28 9.5 8.9 9.2 7.6 5.4 6.2 29 11.2 10.3 10.5 9.4 8.8 9.2 6.6 5.3 5.9 30 11.0 <th>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15</th> <th></th> <th>FEBRUARY</th> <th></th> <th></th> <th>MARCH</th> <th></th> <th>10.5 10.6 10.8 10.6 10.6 10.9 10.6 10.6 10.4 </th> <th>APRIL 10.3 10.4 10.5 10.3 10.0 10.0 10.2 10.0 9.6 9.6 9.7 9.3</th> <th>10.5 10.5 10.6 10.5 10.3 10.3 10.3 10.1 10.0 9.9 9.8 9.8</th> <th>9.6 9.7 9.7 9.4 9.6 9.9 10.1 9.8 9.4 9.2 8.6 8.1 7.8 7.4</th> <th>MAY 8.9 8.8 8.3 8.2 8.4 8.8 8.9 8.8 8.5 8.1 7.8 7.2 6.9 6.6 6.4 6.5</th> <th>9.2 9.1 9.1 8.9 9.1 9.4 9.3 9.3 9.0 8.6 8.1 7.7 7.4 7.0 6.8</th>	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		FEBRUARY			MARCH		10.5 10.6 10.8 10.6 10.6 10.9 10.6 10.6 10.4 	APRIL 10.3 10.4 10.5 10.3 10.0 10.0 10.2 10.0 9.6 9.6 9.7 9.3	10.5 10.5 10.6 10.5 10.3 10.3 10.3 10.1 10.0 9.9 9.8 9.8	9.6 9.7 9.7 9.4 9.6 9.9 10.1 9.8 9.4 9.2 8.6 8.1 7.8 7.4	MAY 8.9 8.8 8.3 8.2 8.4 8.8 8.9 8.8 8.5 8.1 7.8 7.2 6.9 6.6 6.4 6.5	9.2 9.1 9.1 8.9 9.1 9.4 9.3 9.3 9.0 8.6 8.1 7.7 7.4 7.0 6.8
22 9.8 8.9 9.5 7.2 6.0 6.4 23 9.7 9.2 9.5 6.9 5.3 5.9 24 9.6 9.2 9.4 5.4 4.9 5.2 25 9.5 8.9 9.3 5.8 4.9 5.3 26 9.5 8.9 9.3 5.8 4.9 5.3 27 9.5 8.9 9.2 7.6 5.4 5.8 28 9.5 8.9 9.2 7.6 5.4 6.2 29 10.8 10.2 10.4 9.6 8.8 9.2 6.5 5.3 5.9 30 11.0 10.3 10.6 9.6 8.9 9.2<	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18		FEBRUARY			MARCH		10.5 10.6 10.8 10.6 10.6 10.9 10.6 10.6 10.3 10.4 9.9 10.4 11.3	APRIL 10.3 10.4 10.5 10.3 10.0 10.0 10.2 10.0 9.6 9.6 9.6 9.7 9.3 9.5 9.7	10.5 10.5 10.6 10.5 10.3 10.3 10.3 10.1 10.0 9.9 9.8 9.8 9.8 9.9	9.6 9.7 9.7 9.4 9.6 9.9 10.1 9.8 9.4 9.2 8.6 8.1 7.8 7.4 7.0 7.0 6.8 6.5	MAY 8.9 8.8 8.3 8.2 8.4 8.8 8.9 8.8 7.2 6.9 6.6 6.4 6.5 6.4 6.5 9	9.2 9.1 9.1 8.9 9.1 9.4 9.3 9.0 8.6 8.7 7.4 7.0 6.8 6.8 6.6
23 9.7 9.2 9.5 6.9 5.3 5.9 24 9.6 9.2 9.4 5.4 4.9 5.2 25 9.5 8.9 9.3 5.8 4.9 5.3 26 9.5 9.0 9.3 6.5 5.4 5.8 27 9.5 8.9 9.2 7.6 5.4 6.2 28 11.2 10.3 10.5 9.4 8.8 9.2 6.5 5.3 5.7 29 10.8 10.2 10.4 9.6 8.8 9.2 6.6 5.3 5.9 30 11.0 10.3 10.6 9.6 8.9 9.2 7.5 5.6 6.2 31 10.6 10.2 10.4 <t< th=""><th>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18</th><th></th><th>FEBRUARY</th><th></th><th></th><th>MARCH</th><th></th><th>10.5 10.6 10.8 10.6 10.6 10.9 10.6 10.6 10.3 10.4 9.9 10.4 11.3</th><th>APRIL 10.3 10.4 10.5 10.3 10.0 10.0 10.2 10.0 9.6 9.6 9.6 9.7 9.3 9.5 9.7</th><th>10.5 10.5 10.6 10.5 10.3 10.3 10.3 10.1 10.0 9.9 9.8 9.8 9.8 9.9</th><th>9.6 9.7 9.7 9.4 9.6 9.9 10.1 9.8 9.4 9.2 8.6 8.1 7.8 7.4 7.0 7.0 6.8 6.5</th><th>MAY 8.9 8.8 8.3 8.2 8.4 8.8 8.9 8.8 7.2 6.9 6.6 6.4 6.5 6.4 6.5 9</th><th>9.2 9.1 9.1 8.9 9.1 9.4 9.3 9.0 8.6 8.7 7.4 7.0 6.8 6.8 6.6</th></t<>	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18		FEBRUARY			MARCH		10.5 10.6 10.8 10.6 10.6 10.9 10.6 10.6 10.3 10.4 9.9 10.4 11.3	APRIL 10.3 10.4 10.5 10.3 10.0 10.0 10.2 10.0 9.6 9.6 9.6 9.7 9.3 9.5 9.7	10.5 10.5 10.6 10.5 10.3 10.3 10.3 10.1 10.0 9.9 9.8 9.8 9.8 9.9	9.6 9.7 9.7 9.4 9.6 9.9 10.1 9.8 9.4 9.2 8.6 8.1 7.8 7.4 7.0 7.0 6.8 6.5	MAY 8.9 8.8 8.3 8.2 8.4 8.8 8.9 8.8 7.2 6.9 6.6 6.4 6.5 6.4 6.5 9	9.2 9.1 9.1 8.9 9.1 9.4 9.3 9.0 8.6 8.7 7.4 7.0 6.8 6.8 6.6
24 9.6 9.2 9.4 5.4 4.9 5.2 25 9.5 8.9 9.3 5.8 4.9 5.3 26 9.5 9.0 9.3 6.5 5.4 5.8 27 9.5 8.9 9.2 7.6 5.4 6.2 28 11.2 10.3 10.5 9.4 8.8 9.2 6.5 5.3 5.7 29 10.8 10.2 10.4 9.6 8.8 9.2 6.6 5.3 5.9 30 11.0 10.3 10.6 9.6 8.9 9.2 7.5 5.6 6.2 31 10.6 10.2 10.4 7.8 6.0 6.6	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20		FEBRUARY			MARCH		10.5 10.6 10.8 10.6 10.6 10.9 10.6 10.6 10.3 10.4 9.9 10.4 11.3 10.7 10.6	APRIL 10.3 10.4 10.5 10.3 10.0 10.0 2 10.0 9.6 9.6 9.6 9.7 9.3 9.5 9.7 9.6 9.5	10.5 10.5 10.6 10.5 10.3 10.3 10.3 10.1 10.0 9.9 9.8 9.8 9.9 9.9 9.9 9.8	9.6 9.7 9.7 9.4 9.6 9.9 10.1 9.8 9.4 9.2 8.6 8.1 7.8 7.0 7.0 6.8 6.5 6.6	MAY 8.9 8.8 8.3 8.2 8.4 8.8 8.9 8.8 8.5 8.11 7.8 7.2 6.9 6.6 6.4 6.5 7.0 6.2	9.2 9.1 9.1 8.9 9.1 9.4 9.3 9.0 8.6 8.7 7.4 7.0 6.8 6.6 6.2 6.2
25 9.5 8.9 9.3 5.8 4.9 5.3 26 9.5 9.0 9.3 6.5 5.4 5.8 27 9.5 8.9 9.2 7.6 5.4 6.2 28 11.2 10.3 10.5 9.4 8.8 9.2 6.5 5.3 5.7 29 10.8 10.2 10.4 9.6 8.8 9.2 6.6 5.3 5.9 30 11.0 10.3 10.6 9.6 8.9 9.2 7.5 5.6 6.2 31 10.6 10.2 10.4 7.8 6.0 6.6	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22		FEBRUARY			MARCH		10.5 10.6 10.8 10.6 10.6 10.9 10.6 10.6 10.3 10.4 9.9 10.4 11.3 10.7 10.6	APRIL 10.3 10.4 10.5 10.3 10.0 10.0 10.2 10.0 9.6 9.6 9.7 9.3 9.5 9.7 9.6 9.5 8.9	10.5 10.5 10.6 10.5 10.3 10.3 10.3 10.1 10.0 9.9 9.8 9.9 9.9 9.9 9.9 9.8	9.6 9.7 9.7 9.4 9.6 9.9 10.1 9.8 9.4 9.2 8.6 8.1 7.4 7.0 7.0 6.8 6.5 6.6	MAY 8.9 8.8 8.3 8.2 8.4 8.8 8.9 8.5 8.1 7.8 7.2 6.6 6.4 6.5 6.4 5.9 5.7	9.2 9.1 9.1 9.1 8.9 9.1 9.3 9.3 9.0 8.6 7.7 7.4 7.0 6.8 6.6 6.2 6.2
27 9.5 8.9 9.2 7.6 5.4 6.2 28 11.2 10.3 10.5 9.4 8.8 9.2 6.5 5.3 5.7 29 10.8 10.2 10.4 9.6 8.8 9.2 6.6 5.3 5.9 30 11.0 10.3 10.6 9.6 8.9 9.2 7.5 5.6 6.2 31 10.6 10.2 10.4 7.8 6.0 6.6	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24		FEBRUARY			MARCH		10.5 10.6 10.6 10.9 10.6 10.6 10.3 10.4 9.9 10.4 11.3 10.7 10.6	APRIL 10.3 10.4 10.5 10.3 10.0 10.0 10.2 10.0 9.6 9.6 9.7 9.3 9.5 9.7 9.6 9.5 8.9 9.2	10.5 10.5 10.6 10.5 10.3 10.3 10.3 10.1 10.0 9.9 9.8 9.8 9.9 9.9 9.9 9.8	9.6 9.7 9.7 9.4 9.6 9.9 10.1 9.8 9.4 9.2 8.6 8.1 7.4 7.0 6.8 6.5 6.6	MAY 8.9 8.8 8.3 8.2 8.4 8.8 8.9 8.5 8.1 7.8 7.2 6.9 6.6 6.4 5.9 5.7	9.2 9.1 9.1 9.1 9.1 9.3 9.1 9.3 9.3 9.0 8.1 7.7 7.4 0 6.8 6.6 6.2 6.5 6.5 6.5
28 11.2 10.3 10.5 9.4 8.8 9.2 6.5 5.3 5.7 29 10.8 10.2 10.4 9.6 8.8 9.2 6.6 5.3 5.9 30 11.0 10.3 10.6 9.6 8.9 9.2 7.5 5.6 6.2 31 10.6 10.2 10.4 7.8 6.0 6.6	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		FEBRUARY			MARCH		10.5 10.6 10.8 10.6 10.6 10.9 10.6 10.6 10.3 10.4 10.4 11.3 10.7 10.6 10.3 9.9 9.7 9.8 9.7	APRIL 10.3 10.4 10.5 10.3 10.0 10.0 10.2 10.0 9.6 9.6 9.7 9.3 9.5 9.7 9.6 9.5 8.9 9.2 9.2 8.9	10.5 10.5 10.6 10.5 10.3 10.3 10.3 10.1 10.0 9.9 9.8 9.9 9.9 9.9 9.9 9.9 9.9 9.9 9.9 9.9	9.6 9.7 9.7 9.4 9.6 9.9 10.1 9.8 9.4 9.2 8.6 8.1 7.0 7.0 6.8 6.5 6.6	MAY 8.9 8.8 8.3 8.2 8.4 8.8 8.9 8.5 8.1 7.8 7.2 6.9 6.6 6.4 5.9 6.6 6.4 5.9 6.6 6.4 9.9 6.6	9.2 9.1 9.1 9.1 9.1 9.3 9.4 9.5 9.3 9.0 8.6 8.1 7.7 7.4 7.0 6.8 6.6 6.2 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5
29 10.8 10.2 10.4 9.6 8.8 9.2 6.6 5.3 5.9 30 11.0 10.3 10.6 9.6 8.9 9.2 7.5 5.6 6.2 31 10.6 10.2 10.4 7.8 6.0 6.6	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		FEBRUARY			MARCH		10.5 10.6 10.8 10.6 10.6 10.9 10.6 10.6 10.3 10.4 9.9 10.4 11.3 10.7 10.6 10.3 9.8 9.7 9.5	APRIL 10.3 10.4 10.5 10.3 10.0 10.0 2 10.0 9.6 9.6 9.6 9.7 9.3 9.5 9.7 9.6 9.5 8.9 9.2 8.9 9.0	10.5 10.5 10.6 10.5 10.3 10.3 10.3 10.1 10.0 9.9 9.8 9.8 9.9 9.9 9.9 9.8 9.5 9.5 9.5 9.3	9.6 9.7 9.7 9.4 9.6 9.9 10.1 9.8 9.4 9.2 8.6 8.1 7.8 7.0 7.0 6.8 6.5 6.6 7.0 7.2 6.9 6.9 6.5	MAY 8.9 8.8 8.7 8.3 8.2 8.4 8.8 8.9 8.8 8.5 6.6 6.4 6.5 6.5 6.4 6.5 6.5 6.4 6.5 6.5 6.4 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5	9.2 9.1 9.1 9.1 9.3 9.3 9.0 8.6 8.1 7.7 7.4 7.0 6.8 6.2 6.2 6.4 5.2 5.3 5.8
31 10.6 10.2 10.4 7.8 6.0 6.6	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		FEBRUARY			MARCH		10.5 10.6 10.8 10.6 10.6 10.9 10.6 10.6 10.3 10.4 9.9 10.4 11.3 10.7 10.6 10.3 9.8 9.7 9.5 9.5	APRIL 10.3 10.4 10.5 10.3 10.0 10.0 9.6 9.6 9.6 9.6 9.6 9.7 9.3 9.5 9.7 9.6 9.5 8.9 9.2 8.9 9.0 8.9	10.5 10.5 10.6 10.5 10.3 10.3 10.3 10.1 10.0 9.9 9.8 9.8 9.9 9.9 9.8 9.7 9.5 9.5 9.5 9.3 9.3	9.6 9.7 9.7 9.4 9.6 9.9 10.1 9.8 9.4 9.2 8.6 8.1 7.4 7.0 6.8 6.5 6.6 7.2 6.9 5.4 5.8 6.5 7.6	MAY 8.9 8.8 8.3 8.2 8.4 8.8 8.9 8.8 8.5 8.1 7.8 7.2 6.6 6.4 6.5 6.4 5.7 6.2 6.0 5.3 4.9 4.9 5.4	9.2 9.1 9.1 9.1 9.3 9.3 9.3 9.6 8.1 7.7 7.0 6.8 6.6 6.2 6.4 5.9 5.3 5.3 5.3 5.3
	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		FEBRUARY			MARCH		10.5 10.6 10.8 10.6 10.6 10.9 10.6 10.6 10.3 10.4 10.3 10.7 10.6 10.3 9.8 9.7 9.7 9.5 9.5 9.5 9.5	APRIL 10.3 10.4 10.5 10.3 10.0 10.0 2 10.0 9.6 9.6 9.6 9.7 9.3 9.5 9.7 9.6 9.5 8.9 9.2 8.9 9.0 8.9 8.8 8.8	10.5 10.5 10.6 10.5 10.3 10.3 10.3 10.1 10.0 9.9 9.8 9.8 9.9 9.9 9.9 9.5 9.5 9.5 9.5 9.3 9.3 9.2 9.2	9.6 9.7 9.7 9.4 9.6 9.9 10.1 9.8 9.4 9.2 8.6 8.1 7.8 7.0 7.0 6.8 6.5 6.6 7.6 9.9 9.9 6.5 6.5 6.5 6.6	MAY 8.9 8.8 8.3 8.2 8.4 8.8 8.9 8.8 8.5 6.9 6.6 6.4 6.5 6.4 6.5 6.4 6.5 6.4 6.5 6.4 6.5 6.3 4.9 6.6 6.4 5.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6	9.2 9.1 9.1 9.1 9.3 9.3 9.0 8.6 7.7 7.4 7.0 6.8 6.6 6.2 6.5 6.4 5.9 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3
	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 27 28 29 30		FEBRUARY			MARCH		10.5 10.6 10.8 10.6 10.6 10.9 10.6 10.6 10.3 10.4 9.9 10.4 11.3 10.7 10.6 10.3 9.8 9.7 9.5 9.5 9.5 9.6 9.6	APRIL 10.3 10.4 10.5 10.3 10.0 10.0 9.6 9.6 9.6 9.6 9.7 9.3 9.5 9.7 9.6 9.5 8.9 9.2 8.9 9.0 8.9 8.8 8.8 8.9	10.5 10.5 10.6 10.5 10.3 10.3 10.3 10.1 10.0 9.9 9.8 9.8 9.9 9.8 9.9 9.8 9.9 9.8 9.9 9.1 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5	9.6 9.7 9.7 9.4 9.9 10.1 9.8 9.4 9.2 8.6 8.1 7.4 7.0 6.8 6.5 6.5 7.6 6.5 6.5 7.5	MAY 8.9 8.8 8.3 8.2 8.4 8.8 8.9 8.8 8.5 6.6 6.4 6.5 6.4 5.7 6.2 6.0 5.3 4.9 5.4 5.3 5.6	9.21

01477050 DELAWARE RIVER AT CHESTER, PA--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST		s	EPTEMBE	R
1 2 3 4 5	7.5 7.9 7.9 9.0 9.2	6.4 6.8 6.6 6.9 7.0	6.9 7.2 7.2 7.8 8.2	5.6 6.7 7.1 6.9 6.8	3.8 4.5 5.4 6.1 5.8	4.5 5.5 6.1 6.5 6.4	5.8 5.8 6.1 6.0 5.8	5.0 4.7 5.0 4.9 4.7	5.4 5.4 5.6 5.4 5.3	5.9 5.8 5.9 5.7	4.6 4.6 4.8 5.0	5.1 5.3 5.5 5.4
6 7 8 9 10	8.9 8.9 8.0 7.7 7.4	7.4 7.7 7.1 6.8 6.3	8.5 v 8.0 7.6 7.2 6.7	7.1 7.6 7.6 7.5 7.2	6.1 6.3 6.9 6.5 6.4	6.6 7.0 7.1 7.0 6.9	5.6 5.5 5.3 5.4 5.2	4.6 4.6 4.5 4.4 4.3	5.1 5.1 5.0 4.9 4.8	5.8 5.8 	5.0 5.1 	5.5 5.5
11 12 13 14 15	6.9 7.0 5.9 5.3 5.0	6.0 5.5 5.1 4.6 4.4	6.4 5.9 5.5 5.1 4.7	6.9 6.6 6.5 6.4 6.5	6.1 5.9 5.7 5.6 5.5	6.6 6.4 6.1 6.0 5.9	4.8 4.6 4.2 4.1 4.3	3.8 3.5 3.6 3.4 3.2	4.3 4.0 3.9 3.7 3.8	5.7 5.9 5.9 5.9	4.8 4.7 4.8 4.9 4.9	5.2 5.2 5.4 5.4 5.5
16 17 18 19 20	5.3 4.5 4.1	4.2 3.4 3.4	4.5 3.7 3.7	6.2 5.9 5.4 5.6 5.5	5.4 5.2 5.0 4.8 4.7	5.7 5.4 5.2 5.2 5.2	4.6 4.6 4.8 4.6 4.6	3.3 3.8 3.8 3.7 3.6	3.9 4.3 4.3 4.2 4.2	6.1 6.0 5.9 5.7 5.8	5.0 5.0 4.9 4.8 4.8	5.6 5.5 5.5 5.3 5.4
21 22 23 24 25	4.2 4.4 4.5 4.4 4.0	3.2 3.4 3.6 3.6 3.4	3.6 3.9 4.0 3.8 3.6	5.4 5.2 5.5 5.5	4.6 4.5 4.8 5.0 5.0	5.0 5.0 5.1 5.2 5.3	4.6 5.0 5.2	3.9 4.2 4.1	4.3 4.5 4.6	5.7 5.5 5.2 5.8 5.8	5.1 4.8 4.5 4.5 5.0	5.4 5.2 4.9 5.0 5.4
26 27 28 29 30 31	4.0 4.2 4.1 4.6 4.7	3.2 3.2 3.2 3.1 3.7	3.5 3.5 3.7 4.1	5.5 5.6 5.5 5.8 5.8	4.8 4.8 5.0 4.8 4.9 5.2	5.2 5.2 5.2 5.2 5.4 5.5	5.4 5.5 5.7 5.7 5.8 5.8	4.5 4.7 4.7 4.7 4.5 4.6	4.9 5.2 5.1 5.2 5.2 5.2	5.7 5.6 6.0 6.5	4.6 5.1 5.2 5.5	5.3 5.3 5.4 6.0
MONTH	9.2	3.1	5.4	7.6	3.8	5.8	6.1	3.2	4.7	6.5	4.5	5.4

01477050 DELAWARE RIVER AT CHESTER, PA--Continued

CROSS-SECTION ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, IN CUBIC FEET PER SECOND (00060)	SAM- PLING DEPTH (FEET) (00003)	OXYGEN, DIS- SOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE (µS/CM)	TEMPER- ATURE WATER (DEG C) (00010)	SAMPLE LOC- ATION, CROSS SECTION (FT FM L BANK) (00009)
JUL 2001								
19	1119	3860	0					0
19	1120		1	7.2	7.9	294	25.7	164
19	1121		5	7.2	7.9	294	25.7	164
19 19	1123 1124		1 5	7.2 7.0	7.8 7.8	293 294	25.8 25.6	525 525
19	1124		1	7.0	7.6	293	26.0	886
19	1127		5	6.9	7.6	293	25.9	886
19	1129		ĭ	6.8	7.6	293	25.9	1250
19	1130		5	6.8	7.6	293	25.8	1250
19	1131		1	7.0	7.5	293	25.9	1610
19	1132		5	6.9	7.5	293	25.8	1610
19 19	1135		1 5	7.2 7.0	7.5 7.5	293	25.9	1970
19	1136 1137		10	7.0	7.5 7.5	293 293	25.9 25.8	1970 1970
19	1139		1	7.0	7.4	300	26.0	2360
19	1140		5	7.0	7.4	299	26.1	2360
19	1141		10	7.0	7.4	299	26.1	2360
19	1142		15	6.9	7.4	299	26.1	2360
19	1143		20	6.6	7.4	299	26.1	2360
19	1144		1 5	7.0	7.4 7.4	300	26.1	2620
19 19	1145 1146		15	7.0 7.0	7.4	300 300	26.1 26.1	2620 2620
19	1147		10	6.9	7.3	300	26.1	2620
19	1148		20	7.0	7.3	300	26.1	2620
19	1149		1	6.9	7.4	304	26.1	3020
19	1150		5	6.9	7.4	303	26.1	3020
19	1151		10	6.9	7.4	303	26.1	3020
19	1152		15 20	6.9 7.0	7.3 7.3	303 303	26.1	3020
19 19	1153 1154		1	6.7	7.3	303	26.1 26.3	3020 3350
19	1155		5	6.6	7.3	305	26.2	3350
19	1156		10	6.6	7.3	303	26.3	3350
19	1157		15	6.7	7.3	304	26.2	3350
19	1158		20	6.6	7.3	305	26.2	3350
19	1159		25	6.5	7.3	306	26.2	3350
19 19	1200 1201		30 35	6.6 6.6	7.3 7.3	305 305	26.1 26.1	3350 3350
19	1201		40	6.7	7.3	303	26.1	3350
19	1203		45	6.6	7.3	305	26.1	3350
19	1204		50	6.6	7.3	305	26.1	3350
19	1205		1	6.7	7.3	301	26.4	3770
19	1206		5	6.5	7.3	302	26.3	3770
19	1207		10	6.5 6.5	7.3 7.3	305	26.2	3770 3770
19 19	1208 1209		15 20	6.6	7.3	305 306	26.2 26.2	3770
19	1210		25	6.6	7.2	307	26.1	3770
19	1211		30	6.6	7.2	308	26.1	3770
19	1212		35	6.5	7.2	308	26.1	3770
19	1213		40	6.5	7.2	307	26.1	3770
19	1214		45	6.6	7.2 7.2	307	26.1	3770
19 19	1215 1219		50 1	6.6 6.6	7.2	307 305	26.1 26.3	3770 4170
19	1220		5	6.7	7.3	305	26.3	4170
19	1221		10	6.5	7.3	305	26.2	4170
19	1222		15	6.5	7.3	304	26.2	4170
19	1223		20	6.5	7.3	304	26.2	4170
19	1224		25	6.4	7.3	304	26.2	4170
19	1225		30	6.4	7.3 7.3	304	26.2	4170
19 19	1226 1227		35 40	6.3 6.3	7.3	303 304	26.2 26.2	4170 4170
19	1228		45	6.3	7.2	304	26.2	4170
19	1229		50	6.3	7.2	303	26.2	4170
19	1230		1	6.5	7.3	303	26.3	4530
19	1231		5	6.5	7.2	303	26.3	4530
19	1232		10	6.4	7.2	303	26.3	4530
19	1233		15	6.2	7.2	303	26.3	4530
19 19	1234 1235		20 25	6.3 6.3	7.2 7.2	302 302	26.3 26.3	4530 4530
19	1236		1	6.6	7.2	305	26.3	4860
19	1237		5	6.4	7.2	304	26.3	4860

01477050 DELAWARE RIVER AT CHESTER, PA--Continued

CROSS-SECTION ANALYSES, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	TIME	DIS- CHARGE, IN CUBIC FEET PER SECOND (00060)	SAM- PLING DEPTH (FEET) (00003)	OXYGEN, DIS- SOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE (µS/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)	SAMPLE LOC- ATION, CROSS SECTION (FT FM L BANK) (00009)
JUL 2001								
19	1238		10	6.4	7.2	302	26.3	4860
19	1239		15	6.3	7.2	302	26.3	4860
19	1240		20	6.3	7.2	302	26.3	4860
19	1241		25	6.1	7.2	301	26.3	4860
19	1242		30	6.2	7.2	301	26.3	4860
19	1243		1	6.6	7.2	303	26.4	5150
19	1244		5	6.3	7.2	301	26.3	5150
19	1245		10	6.2	7.2	301	26.3	5150
19	1246		15	6.2	7.2	300	26.3	5150
19	1247		20	6.1	7.2	299	26.3	5150
19	1248		25	6.1	7.2	299	26.3	5150
19	1249		30	6.1	7.2	299	26.3	5150
19	1250		1	6.5	7.2	304	26.4	5510
19	1251		5	6.5	7.2	304	26.4	5510
19	1252		10	6.3	7.2	302	26.4	5510
19	1253		15	6.2	7.2	302	26.4	5510
19	1254		20	6.2	7.2	301	26.3	5510
19	1255		25	6.1	7.2	302	26.3	5510
19	1256		1	6.5	7.2	307	26.7	5970
19	1257		5	6.3	7.2	306	26.6	5970
19	1258		10	6.2	7.2	305	26.5	5970