

POTOMAC RIVER BASIN

01646500 POTOMAC RIVER NEAR WASHINGTON, DC

LOCATION.--Lat 38°56'59.2", long 77°07'39.5", Montgomery County, Hydrologic Unit 02070008, on left bank just upstream from Little Falls Dam, 1 mi upstream from District of Columbia boundary line, 1.2 mi upstream from Chain Bridge, 1.8 mi east of Langley, Fairfax County, and at mile 117.4.

DRAINAGE AREA.--11,560 mi<sup>2</sup>.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--March 1930 to current year.

REVISED RECORDS.--WSP 726: Drainage area. WDR MD-DE-75-1: 1973-74(M).

GAGE.--Water-stage recorder and concrete control. Datum of gage is 37.95 ft above sea level. Prior to June 7, 1930, nonrecording gage, and June 7, 1930, to Jan. 22, 1965, water-stage recorder at site 1 mi upstream on right bank at same datum.

REMARKS.--Water-discharge records good. Diversions at Great Falls through aqueducts, and since June 1959, from gage pool at Little Falls Dam, for municipal supply of Washington, D.C.; since October 1958, at Rockville Filtration Plant, for municipal supply of city of Rockville; since April 1961, at Potomac Filtration Plant for water supply of Washington Suburban Sanitary District; since October 1961, at Fairfax Water Treatment Plant for water supply of city of Fairfax (from Goose Creek); since April 1964, at Violets Lock to Chesapeake and Ohio Canal; and since October 1985, at Fairfax County Water Authority Treatment Plant for water supply of the county. Low flow affected slightly prior to July 1981 by Stony River Reservoir, since December 1950, by Savage River Reservoir (see station 01597500), and since July 1981, by Jennings Randolph Lake. National Weather Service gage-height telemeter at station. U.S. Geological Survey satellite collection platform at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of June 2, 1889, was of approximately the same magnitude as that of March 19, 1936.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 45,000 ft<sup>3</sup>/s and maximum (\*):

Date	Time	Discharge (ft <sup>3</sup> /s)	Gage height (ft)	Date	Time	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
Mar 23	1630	*75,200	*7.88	No other peak greater than base discharge.			

Minimum discharge, 773 ft<sup>3</sup>/s, Sept. 19.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9360	1920	3170	3630	18300	7750	40800	6700	8910	4930	9580	2250
2	7550	1750	3280	3900	27000	7460	35800	6450	7760	4870	12100	2210
3	6380	1810	3190	3650	20600	7000	29900	6090	6960	4170	8350	2150
4	5720	1770	2990	3580	16200	6820	26000	5610	6160	4480	6140	1860
5	5130	1730	2930	3450	13400	7320	22100	5300	5640	7350	5180	1880
6	4610	1750	2750	3270	11700	8320	19300	4980	5370	5390	4800	2330
7	4080	1720	2590	3230	10400	8960	17300	4710	9770	4180	4360	2100
8	3720	1780	2540	3090	9590	8940	16000	4580	10400	5050	4480	1850
9	3430	1810	2450	3160	8770	8810	16300	4370	20200	4730	4090	1550
10	3290	2220	2490	3430	8040	8760	17500	4220	16100	4380	3570	1410
11	3400	2120	2500	3070	7520	8720	20600	4020	11700	3870	5300	1370
12	3520	2450	2520	3290	7140	8380	23300	3970	9050	3690	8660	1330
13	3060	2790	2370	3070	7580	8290	36700	3690	7350	3440	4680	1290
14	2770	3190	3010	2970	7730	9060	37300	3490	6450	3070	5140	1330
15	2590	3220	3430	2930	7950	10600	27600	3300	5570	2730	10100	1350
16	2420	2820	4840	2920	8660	12000	23500	3240	5650	2370	9970	1140
17	2300	2500	9450	3100	10300	12000	25800	3280	5540	2420	7070	1250
18	2480	2370	23100	2890	11600	11800	29300	3330	6220	2410	5300	980
19	2400	2270	15900	3790	12600	12000	23400	3560	6520	2480	4130	948
20	2430	2170	13800	6120	12100	12500	19300	3620	5210	2240	4550	1100
21	2450	2150	12800	9230	11100	15500	16500	4230	4380	2140	3600	1770
22	2560	2110	10600	8890	9850	27100	14600	6700	4490	1950	3280	1580
23	2310	2010	7200	10100	8800	64600	13000	13000	17200	2010	3810	1340
24	2260	2020	6770	10600	7920	50200	11900	12200	20000	2040	4800	1280
25	2240	2010	e5150	9670	7430	34400	10800	16500	20100	1980	3450	10300
26	2120	2460	4960	8130	7460	26900	9890	18600	15100	1910	2860	4600
27	2110	2680	4350	7780	7410	22600	8990	e14600	10600	1730	2520	2780
28	2050	3390	4880	6810	7470	19300	8190	e16900	7710	1740	2350	2240
29	1970	3350	4500	6390	---	17000	7550	15900	6180	2000	2220	1860
30	1900	3380	4150	6990	---	29900	7110	13200	5140	2720	2180	1720
31	1900	---	4190	12000	---	40300	---	10800	---	4980	2240	---
TOTAL	104510	69720	178850	165130	304620	533290	616330	231140	277430	103450	160860	61148
MEAN	3371	2324	5769	5327	10880	17200	20540	7456	9248	3337	5189	2038
MAX	9360	3390	23100	12000	27000	64600	40800	18600	20200	7350	12100	10300
MIN	1900	1720	2370	2890	7140	6820	7110	3240	4380	1730	2180	948
(†)	606	576	565	583	571	572	606	670	666	694	673	658
MEAN†-	3978	2900	6340	5910	11450	17780	21150	8126	9908	4012	5861	2696
CFSM†-	0.34	0.25	0.55	0.51	0.99	1.54	1.83	0.70	0.86	0.35	0.51	0.23
IN†-	0.40	0.28	0.63	0.59	1.03	1.77	2.04	0.81	0.96	0.40	0.58	0.26

e Estimated

† Diversions, in cubic feet per second, for municipal supply of Washington, D.C., Washington Suburban Sanitary District, city of Rockville, city of Fairfax (from Goose Creek), Fairfax County, and the Chesapeake and Ohio Canal (insignificant diversion to canal during current water year). Records provided by U.S. Army Corps of Engineers, Washington Suburban Sanitary Commission, city of Rockville, city of Fairfax, and Fairfax County Water Authority.

‡ Adjusted for diversion.

01646500 POTOMAC RIVER NEAR WASHINGTON, DC--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 1958, BY WATER YEAR (WY) (UNREGULATED)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	6120	6496	9843	13570	16660	21060	19120	13610	7960	5135	5804	4419
MAX	44100	21040	30900	37190	36790	76510	36430	27780	19090	21040	28210	19940
(WY)	1943	1933	1951	1937	1939	1936	1933	1932	1951	1949	1955	1945
MIN	583	700	1536	2527	2982	6505	7202	3953	2867	1284	569	679
(WY)	1931	1931	1944	1956	1934	1931	1947	1930	1930	1930	1930	1930

SUMMARY STATISTICS

WATER YEARS 1930 - 1958

ANNUAL MEAN	10790
HIGHEST ANNUAL MEAN	16100
LOWEST ANNUAL MEAN	4525
HIGHEST DAILY MEAN	426000
LOWEST DAILY MEAN	448
ANNUAL SEVEN-DAY MINIMUM	499
INSTANTANEOUS PEAK FLOW	484000
INSTANTANEOUS PEAK STAGE	(a)28.10
INSTANTANEOUS LOW FLOW	430
ANNUAL RUNOFF (CFSM)	.93
ANNUAL RUNOFF (INCHES)	12.68
10 PERCENT EXCEEDS	23600
50 PERCENT EXCEEDS	6440
90 PERCENT EXCEEDS	1810

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1959 - 2001, BY WATER YEAR (WY) (REGULATED, UNADJUSTED)

MEAN	5988	7618	11290	13980	17610	25150	20680	14990	9267	4677	4120	4725
MAX	36790	42030	37630	52890	61040	67370	57850	40410	46630	17160	21720	44620
(WY)	1977	1986	1997	1996	1998	1994	1993	1989	1972	1972	1996	1996
MIN	908	1097	1038	1682	5605	7403	5810	3921	1536	599	538	791
(WY)	1964	1966	1966	1981	1999	1990	1995	1969	1999	1999	1966	1964

SUMMARY STATISTICS

FOR 2000 CALENDAR YEAR

FOR 2001 WATER YEAR

WATER YEARS 1959 - 2001

ANNUAL TOTAL	2793130	2806478	
ANNUAL MEAN	7632	7689	11640
ANNUAL MEAN†	8219	8309	12151
HIGHEST ANNUAL MEAN			23760
HIGHEST ANNUAL MEAN†			24370
LOWEST ANNUAL MEAN			4900
LOWEST ANNUAL MEAN†			5306
HIGHEST DAILY MEAN	58400	Feb 21	334000
LOWEST DAILY MEAN	1720	Nov 7	(b)121
LOWEST DAILY MEAN†	1480	Nov 7	(c)601
ANNUAL SEVEN-DAY MINIMUM	1760	Nov 2	181
MAXIMUM PEAK FLOW			359000
MAXIMUM PEAK STAGE			7.88
INSTANTANEOUS LOW FLOW			773
ANNUAL RUNOFF (CFSM)	.66	.67	1.01
ANNUAL RUNOFF (CFSM)†	.71	.72	1.05
ANNUAL RUNOFF (INCHES)	8.99	9.03	13.68
ANNUAL RUNOFF (INCHES)†	9.68	9.76	14.28
10 PERCENT EXCEEDS	16100	17100	26500
50 PERCENT EXCEEDS	4730	4800	6430
90 PERCENT EXCEEDS	2360	1960	1580

a At previous site, 1 mi upstream at same datum.

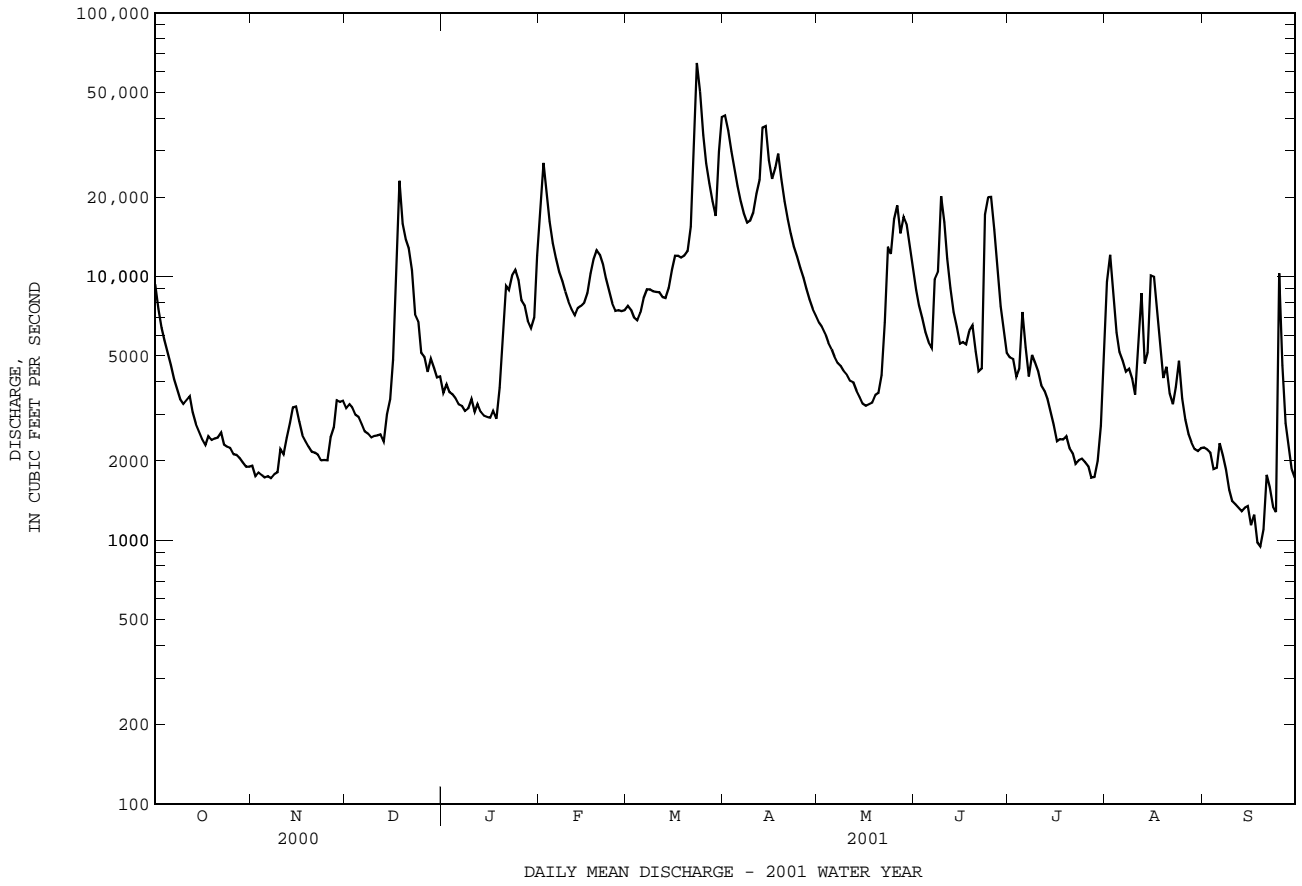
† Adjusted for diversion.

b Minimum daily discharge observed at gaging station, does not include diversion of 489 ft<sup>3</sup>/s.

c Includes diversion of 449 ft<sup>3</sup>/s for municipal use.

POTOMAC RIVER BASIN

01646500 POTOMAC RIVER NEAR WASHINGTON, DC--Continued



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WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1989 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1988 to current year.

WATER TEMPERATURE: October 1988 to current year.

INSTRUMENTATION.--Water-quality monitor October 1988 to current year.

REMARKS.--Missing record June 1-6 due to instrument malfunction..

EXTREMES FOR PERIOD OF DAILY RECORD--

SPECIFIC CONDUCTANCE: Maximum, 747 microsiemens, Jan. 11, 1991; minimum, 68 microsiemens, Oct. 23, 1990.

WATER TEMPERATURE (water years 1989-93, 1995-97): Maximum, 33.5°C, July 11, 1993; minimum, 0.0°C, on many day during winter periods.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 617 microsiemens/cm, Jan. 30; minimum, 130 microsiemens/cm, May 22.

WATER TEMPERATURE: Maximum, 32.3°C, Aug. 11; minimum, -0.1°C, Dec. 22-25, 31, Jan. 2, 3, 10.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	324	286	297	403	399	401	375	365	372	346	331	338
2	329	305	319	402	397	400	393	374	384	347	334	339
3	329	311	320	402	397	400	405	392	401	352	334	344
4	311	309	310	402	397	400	412	400	407	364	346	355
5	315	309	312	405	400	402	415	404	411	368	353	360
6	315	309	312	408	391	405	416	407	412	378	355	368
7	312	305	309	415	407	412	416	407	412	394	365	379
8	309	306	307	421	414	419	414	407	411	411	381	392
9	314	308	311	427	407	423	408	399	403	489	411	444
10	321	313	318	427	412	421	403	394	398	447	381	413
11	329	320	325	417	405	410	404	397	400	437	409	419
12	333	328	331	408	404	405	404	399	402	426	404	418
13	343	333	339	414	406	410	403	397	401	425	401	413
14	354	343	349	416	411	415	533	390	420	428	406	417
15	362	352	358	424	405	419	512	418	445	422	407	414
16	363	359	361	432	423	429	418	408	414	414	407	410
17	365	360	362	438	429	434	408	176	e290	411	400	407
18	368	364	366	444	435	440	335	216	267	412	402	408
19	370	366	368	449	441	446	305	212	234	592	406	451
20	370	364	367	447	434	439	373	305	358	486	429	459
21	372	364	368	435	428	432	365	349	361	580	442	536
22	377	361	374	430	426	428	349	337	342	582	486	516
23	384	374	379	426	417	421	367	322	340	535	494	511
24	391	382	387	419	412	415	375	344	356	522	466	490
25	399	390	395	416	409	413	359	322	344	466	399	435
26	402	397	400	415	372	399	357	345	350	399	370	382
27	401	396	399	389	379	385	354	338	348	379	369	373
28	403	397	399	400	388	396	353	337	343	384	371	377
29	401	394	397	396	385	392	350	340	346	377	368	372
30	405	399	400	387	364	380	348	328	340	617	367	462
31	403	388	400	---	---	---	343	324	334	449	354	390
MONTH	405	286	353	449	364	413	533	176	369	617	331	413

e Estimated

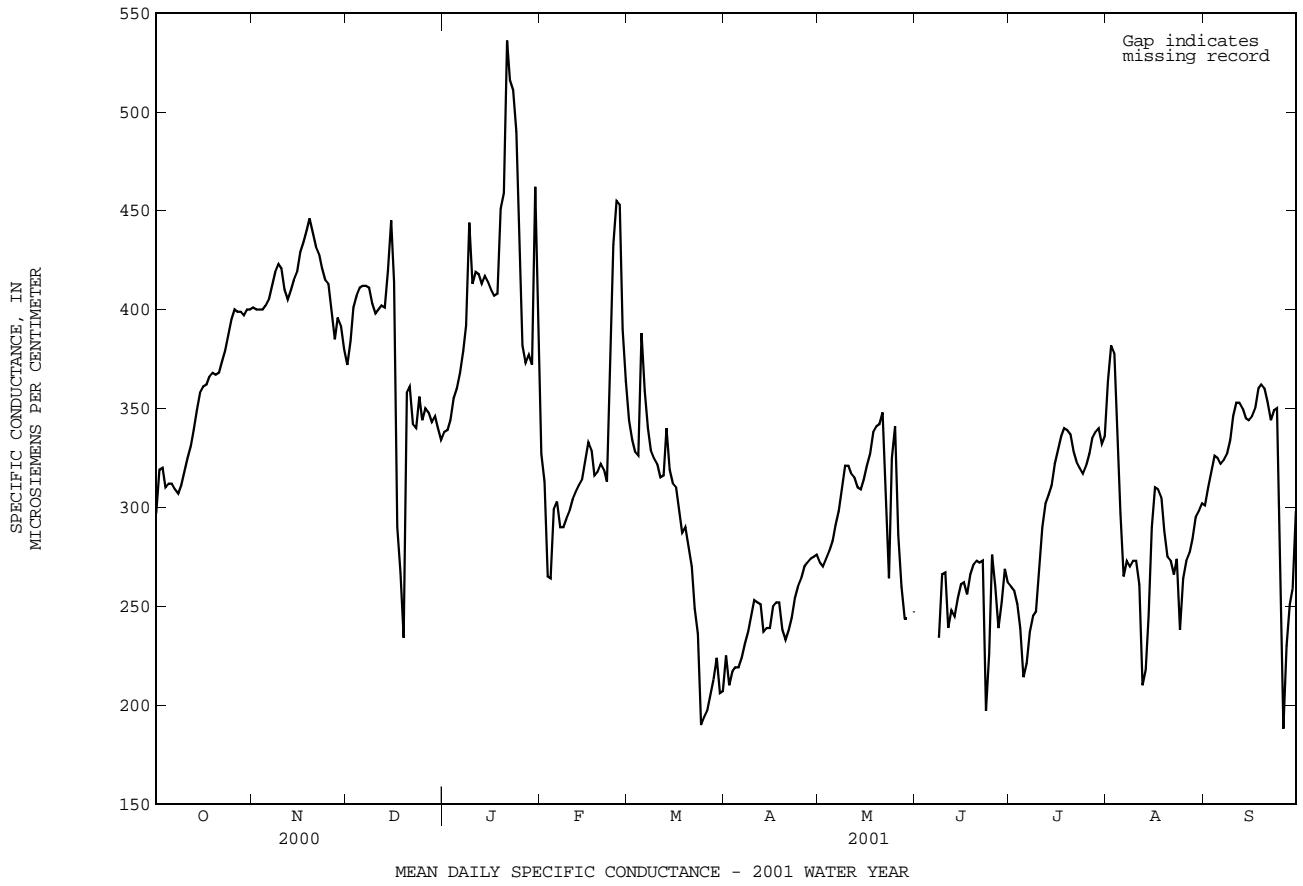
## POTOMAC RIVER BASIN

01646500 POTOMAC RIVER NEAR WASHINGTON, DC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	354	309	327	358	336	344	236	207	225	280	267	272
2	331	270	313	340	329	334	214	206	210	276	267	270
3	272	260	265	334	322	328	221	214	217	279	269	274
4	267	260	264	339	323	326	222	216	219	286	273	278
5	353	258	299	427	339	388	220	217	219	298	276	283
6	328	294	303	374	352	359	228	220	224	298	282	291
7	294	287	290	355	329	340	236	228	231	304	293	298
8	292	288	290	335	323	329	241	233	237	315	304	309
9	300	291	294	330	322	325	250	241	245	325	315	321
10	307	294	298	331	315	322	257	248	253	326	313	321
11	307	301	304	321	310	315	259	243	252	324	311	317
12	312	304	308	320	313	316	258	240	251	325	301	315
13	313	307	311	374	320	340	244	232	237	318	298	310
14	321	311	314	326	313	319	244	231	239	317	303	309
15	338	319	324	334	305	312	246	233	239	320	309	314
16	378	316	333	336	301	310	256	232	250	330	316	321
17	364	320	329	302	295	299	255	250	252	333	321	327
18	331	302	316	297	282	287	254	248	252	343	326	338
19	331	302	318	294	277	290	249	230	238	348	334	341
20	325	319	322	289	272	280	237	229	233	348	338	342
21	322	316	319	292	250	270	242	234	238	354	339	348
22	319	309	313	270	230	249	249	228	244	348	130	310
23	546	315	366	258	194	236	257	249	254	309	130	264
24	592	385	433	210	186	190	264	256	260	350	307	325
25	557	406	455	196	191	194	268	256	264	352	333	341
26	557	410	453	202	193	197	275	256	270	343	254	286
27	410	376	390	209	200	205	274	270	272	271	237	260
28	376	356	364	219	208	213	276	271	274	248	229	244
29	---	---	---	244	218	224	279	272	275	247	241	244
30	---	---	---	233	176	206	278	274	276	253	243	---
31	---	---	---	214	202	207	---	---	---	257	240	247
MONTH	592	258	329	427	176	286	279	206	245	354	130	301
DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	272	254	260	393	340	364	305	297	301
2	---	---	---	267	251	258	408	374	382	315	304	310
3	---	---	---	258	244	251	409	350	378	323	312	318
4	---	---	---	251	206	239	358	315	342	332	322	326
5	---	---	---	229	198	214	321	271	297	342	321	325
6	---	---	---	226	214	221	277	258	265	325	318	322
7	---	---	---	245	226	237	278	261	273	326	321	324
8	246	222	234	249	238	245	278	262	270	330	322	327
9	306	241	266	256	233	247	282	265	273	342	328	334
10	306	243	267	283	253	270	280	267	273	355	338	346
11	246	231	239	298	283	290	280	206	261	364	346	353
12	252	245	248	305	296	302	226	184	210	356	351	353
13	252	240	245	310	304	306	225	207	218	354	338	350
14	259	250	254	317	304	311	264	219	245	348	340	345
15	267	258	261	329	316	322	309	264	290	355	340	344
16	273	249	262	334	325	329	315	304	310	354	342	346
17	266	250	256	340	330	336	312	307	309	361	345	350
18	271	264	266	343	335	340	310	296	305	373	349	360
19	275	269	271	342	336	339	297	281	288	378	355	362
20	278	269	273	341	332	337	284	265	275	362	355	360
21	280	265	272	338	317	328	280	265	273	370	336	353
22	278	256	273	328	320	323	273	262	266	359	334	344
23	256	163	197	330	314	320	282	240	274	359	343	349
24	282	181	226	320	314	317	246	231	238	363	340	350
25	285	267	276	324	318	321	279	245	264	341	178	292
26	268	254	260	334	322	327	283	266	273	224	172	188
27	255	232	239	343	330	335	283	273	277	261	201	230
28	260	243	252	341	335	338	291	277	284	256	247	251
29	271	260	269	349	337	340	301	287	295	276	247	259
30	271	258	262	342	322	332	301	295	298	312	276	298
31	---	---	---	344	325	336	306	298	302	---	---	---
MONTH	306	163	255	349	198	299	409	184	286	378	172	322

01646500 POTOMAC RIVER NEAR WASHINGTON, DC--Continued



## POTOMAC RIVER BASIN

01646500 POTOMAC RIVER NEAR WASHINGTON, DC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	17.9	17.1	17.5	13.0	12.1	12.5	6.1	5.1	5.4	.2	.0	.1
2	19.4	17.2	18.2	12.6	11.6	12.2	5.8	4.9	5.3	.3	-.1	.1
3	20.0	18.2	18.9	12.6	11.6	12.2	5.2	3.7	4.2	.4	-.1	.1
4	21.4	18.9	20.0	12.9	12.1	12.5	4.3	3.0	3.4	.2	.0	.1
5	20.9	20.1	20.5	13.0	12.4	12.6	3.7	2.6	3.0	.1	.0	.0
6	21.0	20.1	20.5	12.7	11.9	12.3	3.3	2.2	2.6	.1	.0	.0
7	20.3	18.8	19.5	12.2	11.2	11.7	3.0	2.4	2.7	.1	.0	.1
8	18.8	16.8	17.6	11.9	11.1	11.5	2.9	2.6	2.7	.1	.0	.0
9	16.8	14.9	15.6	12.6	11.6	12.1	2.8	2.3	2.6	.3	.0	.1
10	15.3	13.9	14.6	13.1	12.5	12.8	3.1	2.1	2.5	.3	-.1	.1
11	15.0	13.0	14.1	12.8	12.1	12.5	2.6	2.3	2.4	.4	.0	.2
12	15.7	13.0	14.4	12.6	11.9	12.3	3.5	2.6	3.1	.6	.1	.3
13	16.2	13.7	15.1	12.3	11.1	11.4	3.3	2.4	2.8	.8	.1	.4
14	16.7	14.7	15.8	11.5	10.9	11.2	3.1	2.6	2.8	.8	.3	.5
15	17.4	15.8	16.6	10.9	9.4	9.8	3.3	2.4	2.7	1.0	.6	.7
16	17.8	16.8	17.3	9.5	8.0	8.5	3.3	2.6	3.0	1.4	.8	1.0
17	17.8	17.3	17.5	8.6	7.8	8.2	7.0	3.1	4.5	1.8	1.0	1.3
18	17.8	17.4	17.6	7.8	7.1	7.5	3.6	2.2	2.7	1.8	1.1	1.4
19	17.6	16.5	17.1	7.8	6.5	7.2	2.6	1.7	2.3	2.5	1.7	1.9
20	17.5	16.1	16.9	6.5	5.8	6.1	1.7	.6	1.1	2.7	2.3	2.6
21	17.4	16.2	16.9	6.0	4.3	5.3	.6	.1	.3	2.3	1.0	1.7
22	17.7	16.6	17.2	4.3	3.2	3.6	.8	-.1	.5	1.1	.2	.6
23	17.5	16.2	17.0	3.7	2.9	3.3	.1	-.1	.0	.9	.1	.4
24	16.8	15.9	16.4	3.1	2.3	2.7	.2	-.1	.0	1.3	.4	.8
25	16.8	16.5	16.6	2.8	2.4	2.5	.1	-.1	.0	1.5	.7	1.0
26	16.7	16.3	16.5	5.0	2.6	3.9	.2	.0	.1	1.6	.6	1.0
27	17.1	16.0	16.6	5.9	4.8	5.2	.1	.0	.0	2.3	.8	1.5
28	16.9	16.4	16.6	6.8	5.6	6.1	.3	.0	.1	2.4	1.3	1.7
29	16.4	14.9	15.5	6.7	5.3	5.9	.2	.0	.1	2.8	1.3	2.0
30	14.9	14.0	14.3	6.4	5.4	5.8	.2	.0	.1	3.3	2.2	2.7
31	14.2	12.9	13.2	---	---	---	.2	-.1	.0	4.1	2.8	3.3
MONTH	21.4	12.9	16.8	13.1	2.3	8.7	7.0	-.1	2.0	4.1	-.1	.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	3.5	3.0	3.2	8.0	6.5	7.1	7.8	7.4	7.6	20.8	17.5	19.1
2	3.6	2.4	3.0	8.0	6.6	7.2	8.9	7.5	8.2	22.1	19.0	20.6
3	2.4	.5	1.4	8.6	6.8	7.6	10.2	8.1	9.1	23.8	.0	20.7
4	2.8	1.8	2.3	7.9	7.3	7.7	11.5	9.5	10.5	24.7	.0	21.9
5	3.1	2.7	2.9	7.3	5.8	6.7	12.6	10.3	11.4	25.2	22.8	24.0
6	3.3	2.7	3.0	5.8	4.4	5.2	12.6	11.5	11.9	23.8	21.6	22.9
7	4.5	3.2	3.7	6.0	4.3	4.9	12.7	12.3	12.5	22.2	19.9	21.0
8	5.4	3.9	4.6	6.9	4.9	5.7	13.9	12.4	13.0	21.9	18.9	20.5
9	6.4	4.6	5.4	7.7	5.8	6.8	15.9	13.6	14.5	22.2	19.6	20.9
10	8.1	6.0	7.1	7.7	5.9	6.5	16.6	15.5	16.1	23.3	20.2	21.8
11	6.9	5.3	6.2	7.2	6.0	6.5	16.6	14.9	15.6	24.3	21.0	22.9
12	6.1	5.1	5.5	8.1	6.0	6.9	16.0	15.0	15.3	24.6	22.4	23.7
13	6.5	4.9	5.6	8.7	6.9	7.8	17.3	15.8	16.4	23.4	21.3	22.4
14	6.5	5.8	6.2	9.8	7.7	8.4	16.9	15.6	16.3	22.0	19.8	21.2
15	7.2	6.5	6.8	8.5	7.9	8.3	16.6	15.7	16.2	21.7	19.4	20.7
16	7.1	6.8	7.0	8.2	7.9	8.0	16.2	15.0	15.4	21.9	19.1	20.7
17	7.6	6.1	6.8	8.6	7.9	8.2	15.0	13.9	14.4	20.8	19.2	19.9
18	6.1	4.9	5.4	9.1	7.9	8.4	14.0	12.6	13.2	19.8	18.8	19.2
19	5.1	4.5	4.8	9.2	7.8	8.4	12.9	11.3	12.2	20.5	18.7	19.6
20	5.9	4.9	5.4	8.7	8.2	8.5	12.6	11.5	12.0	20.6	19.6	20.2
21	6.9	5.9	6.3	8.6	7.8	8.2	12.7	12.0	12.4	20.3	18.7	19.3
22	6.2	3.8	5.1	8.4	7.7	8.1	14.8	12.7	13.7	20.0	18.3	19.1
23	5.1	3.5	4.1	8.0	7.4	7.7	16.9	14.8	15.7	20.3	18.7	19.5
24	4.8	3.7	4.2	7.8	7.0	7.4	18.2	16.9	17.5	21.0	19.4	20.2
25	5.3	3.9	4.6	7.7	6.4	7.1	17.6	15.8	16.7	21.2	20.2	20.6
26	7.4	5.1	6.0	7.9	6.8	7.4	17.2	15.5	16.1	20.3	18.3	19.0
27	7.9	5.9	6.6	7.4	6.2	7.0	17.6	15.7	16.6	19.5	18.2	18.9
28	8.7	6.6	7.5	7.8	5.9	7.0	18.8	16.4	17.4	20.1	18.9	19.4
29	---	---	---	7.9	6.8	7.2	18.9	16.6	17.5	20.5	19.5	20.1
30	---	---	---	7.5	6.6	7.0	19.5	16.7	17.9	20.7	---	---
31	---	---	---	7.6	6.7	7.1	---	---	---	20.1	18.8	19.4
MONTH	8.7	.5	5.0	9.8	4.3	7.3	19.5	7.4	14.1	25.2	.0	20.6

e Estimated

01646500 POTOMAC RIVER NEAR WASHINGTON, DC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	30.5	28.5	29.5	26.6	24.4	25.5	28.4	27.3	27.9
2	---	---	---	29.1	26.9	27.9	26.5	25.4	26.0	27.6	26.4	27.0
3	---	---	---	27.1	25.2	26.2	26.9	25.6	26.2	26.8	26.0	26.4
4	---	---	---	27.0	24.8	26.0	27.6	25.6	26.6	26.9	25.7	26.3
5	---	---	---	26.5	24.4	25.4	28.5	26.1	27.3	27.3	25.9	26.4
6	---	---	---	26.8	24.9	25.6	29.9	27.3	28.6	26.6	25.1	26.0
7	23.8	21.2	22.5	27.4	24.3	26.1	30.6	28.0	29.4	26.8	25.1	25.9
8	23.2	21.6	22.3	27.0	25.3	26.3	31.5	28.9	30.2	27.0	25.7	26.3
9	23.5	22.1	22.8	28.8	25.4	27.2	32.1	29.7	30.9	27.0	26.0	26.6
10	23.1	21.7	22.5	29.8	26.7	28.3	32.0	30.2	31.2	27.4	26.0	26.6
11	23.3	22.4	22.9	29.9	27.6	28.8	32.3	27.3	30.3	27.0	25.5	26.3
12	24.7	23.1	23.9	29.2	27.0	28.2	28.1	27.1	27.6	26.4	25.0	25.7
13	26.6	24.1	25.5	28.5	26.1	27.5	27.6	26.6	26.9	26.0	24.6	25.3
14	28.2	25.4	26.8	28.2	25.7	27.0	28.3	26.1	27.2	25.8	23.8	24.6
15	28.0	26.6	27.3	28.4	25.7	27.1	28.5	26.8	27.5	24.2	22.5	23.4
16	27.0	26.0	26.7	28.2	26.3	27.2	28.3	27.3	27.8	23.4	21.7	22.7
17	27.6	25.1	26.3	29.5	26.8	27.8	28.2	27.1	27.6	23.1	21.2	22.0
18	28.0	25.3	26.7	28.4	27.6	27.9	28.1	26.4	27.3	23.8	21.3	22.2
19	28.9	26.3	27.6	28.6	27.2	27.8	27.6	26.5	27.1	22.7	21.6	22.2
20	29.7	27.0	28.4	28.8	26.4	27.5	28.1	26.1	27.1	22.8	22.0	22.4
21	30.4	27.8	29.2	29.6	26.2	27.8	27.9	26.0	26.9	23.2	21.9	22.5
22	29.9	27.3	28.9	30.3	26.6	28.2	27.8	25.6	26.8	23.8	22.3	23.0
23	27.3	23.1	24.4	30.7	27.5	28.8	27.8	25.9	27.1	25.7	23.0	24.0
24	25.5	22.9	23.9	31.6	28.5	29.7	27.3	25.3	26.3	24.4	23.5	23.7
25	25.5	23.9	24.8	31.7	29.3	30.3	27.7	25.8	26.7	23.5	20.0	22.1
26	25.8	24.4	25.2	30.3	28.9	29.7	27.9	25.5	26.8	20.2	18.9	19.7
27	26.8	25.2	26.0	29.8	28.3	29.0	28.6	26.2	27.2	19.8	18.4	19.2
28	28.9	26.4	27.6	28.5	27.3	27.9	28.5	27.1	27.8	19.4	18.2	18.6
29	29.9	27.4	28.7	27.4	24.8	26.0	29.1	27.5	28.1	18.3	17.6	18.0
30	30.5	28.5	29.5	24.8	24.3	24.6	29.1	27.8	28.2	17.9	17.0	17.3
31	---	---	---	26.0	23.4	24.7	29.2	27.5	28.1	---	---	---
MONTH	30.5	21.2	25.9	31.7	23.4	27.5	32.3	24.4	27.7	28.4	17.0	23.7

