POTOMAC RIVER BASIN

01646500 POTOMAC RIVER NEAR WASHINGTON, DC

LOCATION.--Lat 38°56'58", long 77°07'40", 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^2.

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.--No estimated daily discharges. 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. Satellite telemeter at station.

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

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 45,000 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)	Date	Time	Discharge (ft^3/s)	Gage height (ft)
Nov 9	0915	118,000	9.49	Feb 25	1415	94,000	8.63
Jan 10	0815	144,000	10.43	Mar 11	1400	75,700	7.90
Jan 25	1915	46,000	6.49	Mar 22	2115	*152,000	*10.79
Jan 29	2030	85,200	8.29	Apr 11	2400	47,300	6.56
Feb 6	2030	130,000	9.88	Apr 21	1800	84,200	8.25
Feb 14	1700	53,800	6.89	May 10	0500	65,300	7.44
Feb 19	1630	130,000	9.88				

Minimum discharge, 973 ft^3/s, Sep 7, 13.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2770	2290	7300	8850	48400	46800	20800	16400	7650	5950	3050	1360
2	2690	3190	7140	8260	38800	45100	24800	17100	7530	7650	2900	1400
3	3210	4500	8510	7620	31900	49300	22200	20900	7500	8340	2710	1380
4	2800	7380	9360	7670	31700	45300	20000	23400	7320	7120	2730	1470
5	2500	7920	8340	9440	61000	39300	19000	22900	6680	6450	2500	1100
6	2170	6860	7620	14400	114000	32700	18100	26900	6580	5590	2170	1150
7	1830	8170	7020	15700	104000	28200	20600	43400	6070	5020	1970	1090
8	1720	40300	6440	22300	69600	25800	20100	48200	5580	4990	1890	1310
9	1590	108000	6030	84200	52700	35300	19900	62000	5290	5200	1820	1490
10	1480	66500	5820	136000	44100	56900	28800	63500	5410	6240	1960	1510
11	1570	37400	5860	82300	38400	73000	40000	52200	5560	6520	2450	1450
12	1450	25200	5770	50100	36600	61500	43600	43400	6510	5630	3060	1290
13	1330	18800	6180	37000	43000	45000	34500	46700	7550	4650	3050	1240
14	1300	16000	6430	28900	52800	36000	28100	44800	11000	4130	2910	1260
15	1420	14500	6540	24700	48500	30800	24200	36900	9430	3790	2980	1300
16	1360	15000	6570	28000	38400	26200	21600	30100	10300	3500	2860	1400
17	1290	14400	6160	29600	32900	23100	20100	25100	13000	3290	2760	1240
18	1860	12800	5860	28500	55800	21900	18900	21900	12400	3220	3050	1910
19	1650	11400	5640	27500	118000	33900	17400	20500	12000	3320	3320	1540
20	1450	10200	5470	24700	103000	41600	28400	18600	11400	3170	3410	1270
21	1430	9090	5210	21500	74100	103000	78800	15800	10900	3070	3320	1170
22	1460	9600	4890	19000	60900	140000	67300	13900	10900	3160	3130	1400
23	1340	9580	4820	21700	52800	130000	44800	12500	11700	2770	2730	1470
24	1330	10300	4810	36800	66600	77100	33200	11600	12400	2700	2370	1480
25	1940	10600	5680	43700	90700	54200	27200	11100	12900	2810	2090	1390
26	1840	10200	7240	42900	80200	42300	23300	10400	11100	2650	1950	1660
27	2080	9410	8610	36000	66200	35300	20600	10100	8930	2550	2370	1650
28	2030	8670	9360	48600	54100	30100	19400	9910	7890	2320	2330	1450
29	2080	8190	9350	79800	---	26700	19400	9280	7530	2270	1800	1420
30	2450	7570	9470	77100	---	24200	17800	8430	6360	2180	1560	1360
31	2230	---	9250	56600	---	22400	---	8030	---	2410	1550	---
TOTAL	57650	524020	212750	1159440	1709200	1483000	842900	805950	265370	132660	78750	41610
MEAN	1860	17470	6863	37400	61040	47840	28100	26000	8846	4279	2540	1387
MAX	3210	108000	9470	136000	118000	140000	78800	63500	13000	8340	3410	1910
MIN	1290	2290	4810	7620	31700	21900	17400	8030	5290	2180	1550	1090
(†)	577	541	535	523	511	531	552	584	634	704	732	737
MEAN≠¼¼	2437	18020	7398	37930	61550	48350	28660	26580	9479	4984	3273	2125
CFSM≠	0.21	1.56	0.64	3.28	5.32	4.18	2.48	2.30	0.82	0.43	0.28	0.18
IN≠	0.24	1.74	0.74	3.78	5.55	4.82	2.77	2.65	0.92	0.50	0.33	0.21

† 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.

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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	1949
LOWEST ANNUAL MEAN	4525	1930
HIGHEST DAILY MEAN	426000	Mar 19 1936
LOWEST DAILY MEAN	448	Aug 25 1930
ANNUAL SEVEN-DAY MINIMUM	499	Aug 21 1930
INSTANTANEOUS PEAK FLOW	484000	Mar 19 1936
INSTANTANEOUS PEAK STAGE	(a)28.10	Mar 19 1936
INSTANTANEOUS LOW FLOW	430	Aug 24 1930
ANNUAL RUNOFF (CFSM)	.93	
ANNUAL RUNOFF (INCHES)	12.68	
10 PERCENT EXCEEDS	23600	
50 PERCENT EXCEEDS	6440	
90 PERCENT EXCEEDS	1810	

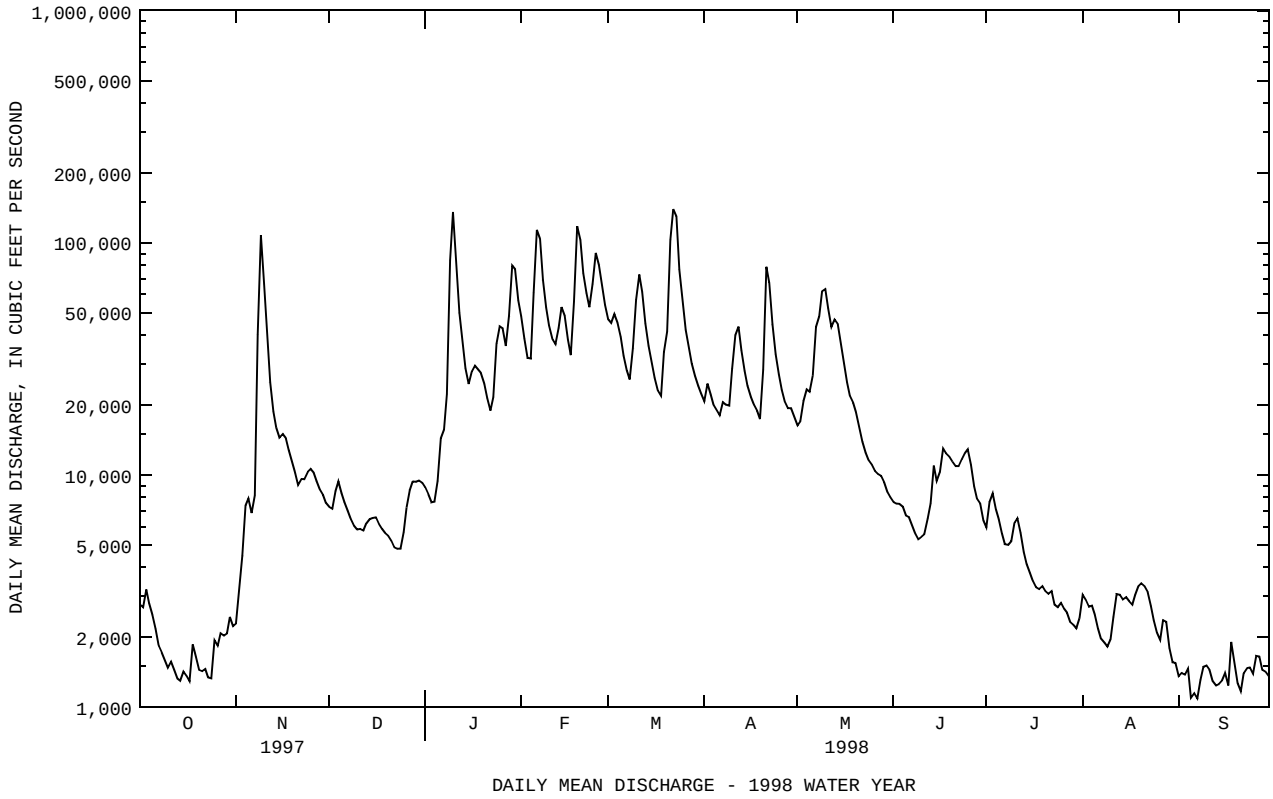
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1959 - 1998, BY WATER YEAR (WY)

MEAN	6118	8010	11750	14600	18170	25760	20970	15620	9506	4838	4147	4756
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	5703	7403	5810	3921	2216	695	538	791
(WY)	1964	1966	1966	1981	1963	1990	1995	1969	1969	1966	1966	1964

SUMMARY STATISTICS	FOR 1997 CALENDAR YEAR		FOR 1998 WATER YEAR		WATER YEARS 1959 - 1998	
ANNUAL TOTAL	3714790		7313300			
ANNUAL MEAN	10180		20040		11990	
ANNUAL MEAN≠	10780		20630		12474	
HIGHEST ANNUAL MEAN					23760	1996
LOWEST ANNUAL MEAN					4900	1969
LOWEST ANNUAL MEAN≠					5306	1969
HIGHEST DAILY MEAN	108000	Nov 9	140000	Mar 22	334000	Jun 24 1972
LOWEST DAILY MEAN	1240	Sep 8	1090	Sep 7	(b)121	Sep 9 1966
LOWEST DAILY MEAN≠	1810	Sep 9	1860	Oct 24	(c)601	Sep 10 1966
ANNUAL SEVEN-DAY MINIMUM	1350	Aug 10	1270	Sep 2	181	Sep 7 1966
INSTANTANEOUS PEAK FLOW			152000	Mar 22	484000	Mar 19 1936
INSTANTANEOUS PEAK STAGE			10.79	Mar 22	28.10	Mar 19 1936
INSTANTANEOUS LOW FLOW			973	(d)	66	Sep 9 1966
ANNUAL RUNOFF (CFSM)	.88		1.73		1.04	
ANNUAL RUNOFF (CFSM)≠	.93		1.78		1.08	
ANNUAL RUNOFF (INCHES)	11.95		23.53		14.09	
ANNUAL RUNOFF (INCHES)≠	12.66		24.24		14.66	
10 PERCENT EXCEEDS	22400		52700		27400	
50 PERCENT EXCEEDS	7060		9090		6600	
90 PERCENT EXCEEDS	1540		1490		1620	

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^3/s.
c Includes diversion of 449 ft^3/s for municipal use.
d Sep 7, 13.

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.

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, 454 microsiemens, Nov 7; minimum, 122 microsiemens, Nov 7.
WATER TEMPERATURE: Maximum, 32.0°C, Jul 22; minimum, 1.2°C, Jan 2.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	390	382	386	424	416	419	311	308	309	375	362	368
2	392	385	390	419	370	388	316	311	314	374	339	361
3	385	381	383	404	370	394	318	315	317	347	324	336
4	390	384	388	393	374	381	320	318	319	329	320	324
5	398	390	394	440	391	415	319	316	318	324	307	314
6	410	397	403	452	440	447	319	310	315	322	305	311
7	407	401	403	454	122	338	315	309	311	323	297	311
8	410	406	408	258	144	217	316	300	309	338	256	286
9	416	407	410	273	158	196	303	300	301	256	173	190
10	412	399	407	171	164	169	312	302	304	195	137	165
11	405	390	398	184	171	179	312	303	305	157	151	154
12	395	390	394	198	184	192	314	306	310	173	157	164
13	395	386	392	215	198	207	320	314	317	189	173	181
14	389	381	385	223	213	218	327	320	324	204	189	196
15	385	378	382	238	218	230	331	325	328	439	204	245
16	389	381	386	261	238	249	331	326	329	398	222	243
17	392	387	390	274	261	267	332	324	328	231	222	226
18	388	340	376	280	274	279	328	320	325	250	231	244
19	340	311	321	278	273	275	329	324	326	251	244	247
20	363	331	354	286	275	281	327	320	325	247	244	245
21	363	359	361	293	286	288	325	319	323	255	247	251
22	368	360	365	295	259	275	329	322	327	257	255	256
23	386	368	377	295	285	290	332	314	321	266	159	232
24	395	384	391	308	295	301	323	317	321	227	211	216
25	391	290	360	319	308	314	322	271	298	250	212	235
26	363	315	355	330	319	326	320	302	313	---	---	---
27	358	272	321	329	309	319	322	314	320	---	---	---
28	374	326	350	309	304	306	325	306	313	---	---	---
29	395	373	384	308	304	306	330	325	326	200	162	173
30	419	395	403	309	307	308	373	330	354	202	179	190
31	426	419	422	---	---	---	373	358	366	202	184	193
MONTH	426	272	382	454	122	292	373	271	320	---	---	---

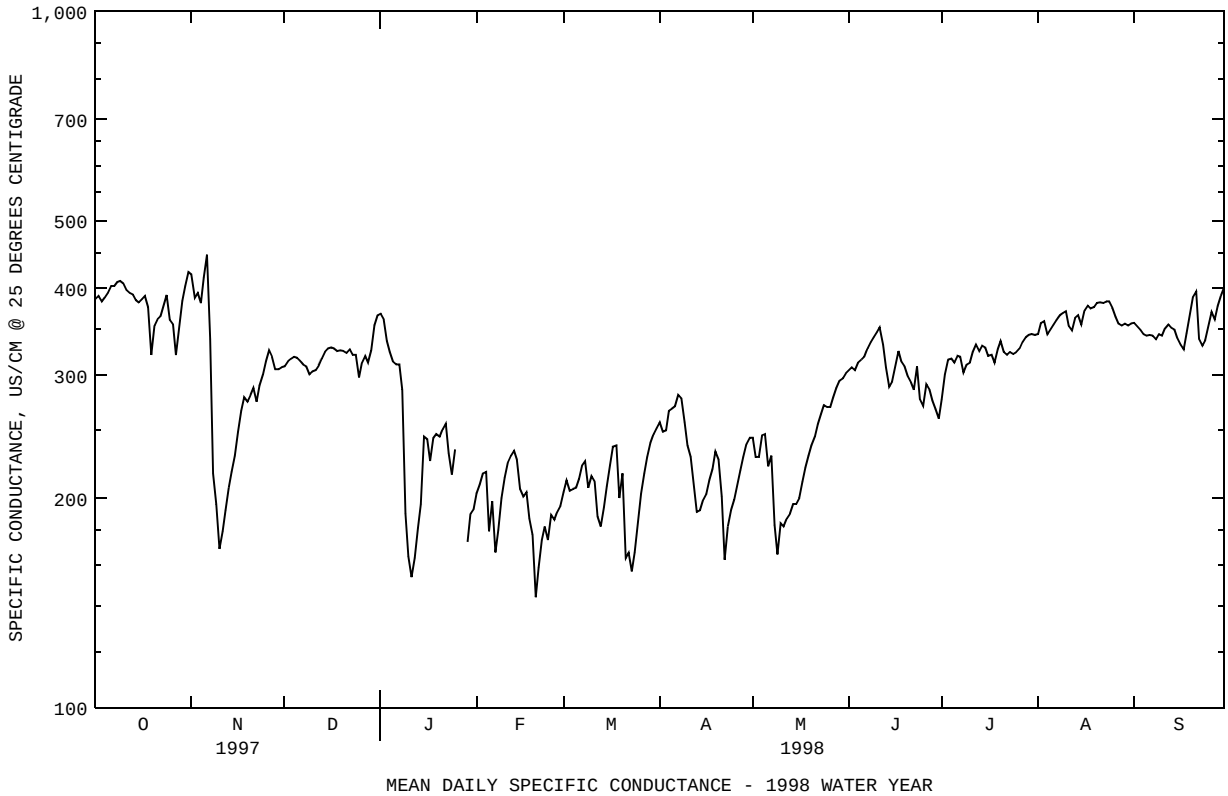
01646500 POTOMAC RIVER NEAR WASHINGTON, DC--Continued

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG.C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	204	202	203	208	199	204	261	224	257	252	232	244
2	213	204	209	214	208	212	257	224	249	245	124	229
3	221	213	217	214	202	205	261	235	250	245	138	229
4	236	190	218	208	205	206	271	261	267	254	241	246
5	196	167	179	210	207	207	271	265	269	253	217	247
6	213	179	198	218	210	213	277	265	271	240	195	222
7	179	161	167	228	218	223	284	277	281	241	212	230
8	192	171	180	233	213	226	282	271	278	212	168	183
9	207	192	200	228	168	207	272	218	257	182	155	166
10	221	207	214	228	207	215	250	217	238	192	177	184
11	231	221	225	226	200	211	247	215	229	184	179	182
12	231	229	230	200	180	188	246	193	207	190	182	187
13	236	230	234	187	180	182	195	190	191	193	188	190
14	236	216	227	201	187	194	197	190	192	198	192	196
15	217	199	206	215	201	208	200	197	199	198	195	196
16	203	199	201	231	215	223	207	200	203	205	196	200
17	214	195	204	242	231	237	220	207	212	214	205	211
18	207	139	187	247	232	238	226	211	220	224	214	221
19	207	141	177	241	148	200	242	212	233	237	224	230
20	155	135	144	240	195	217	232	212	227	241	234	238
21	166	153	159	214	132	164	236	160	201	248	239	245
22	180	166	174	180	155	167	175	157	163	259	248	255
23	188	167	182	160	152	157	188	175	182	269	259	264
24	179	162	174	175	160	167	196	188	192	275	268	272
25	195	178	189	195	175	185	202	196	199	274	264	270
26	188	184	186	210	195	203	213	202	208	276	267	270
27	193	187	191	222	210	217	224	213	219	288	276	279
28	199	193	195	235	222	229	233	223	229	295	285	288
29	---	---	---	244	235	240	242	233	239	298	291	295
30	---	---	---	250	244	247	246	242	244	301	292	297
31	---	---	---	254	250	252	---	---	---	306	299	302
MONTH	236	135	195	254	132	208	284	157	227	306	124	234

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	308	301	305	290	263	277	350	333	344	361	354	357
2	311	305	308	313	290	301	364	349	357	355	350	353
3	311	298	305	321	313	316	364	352	359	352	342	349
4	315	310	313	321	315	317	352	339	344	346	341	344
5	319	313	316	316	309	313	355	339	349	344	339	342
6	321	317	319	329	312	320	361	349	355	346	340	343
7	333	321	328	332	308	319	364	355	360	348	337	342
8	338	333	335	312	295	303	369	361	366	340	336	338
9	343	334	340	330	289	311	371	368	369	349	337	344
10	349	343	346	317	310	313	373	369	371	347	340	342
11	354	346	352	329	317	324	370	340	353	357	342	350
12	353	314	332	336	329	332	357	339	348	360	351	355
13	332	186	308	331	320	325	369	354	363	360	345	351
14	298	249	289	348	318	331	374	349	366	354	344	349
15	308	276	294	353	309	329	363	348	355	345	334	339
16	326	295	309	326	314	320	377	363	372	343	328	332
17	339	316	325	339	308	321	380	373	378	337	323	327
18	338	307	314	329	309	313	379	369	374	354	333	345
19	311	301	309	348	304	327	380	369	376	376	354	366
20	310	285	299	356	321	336	384	378	381	395	376	389
21	306	284	293	330	319	324	387	378	382	403	388	396
22	301	273	286	326	317	321	384	378	381	397	327	338
23	327	291	309	329	319	324	386	379	383	356	319	331
24	296	222	277	328	318	322	388	377	383	342	331	337
25	284	263	271	330	319	324	380	364	375	363	336	353
26	304	275	291	333	322	328	370	356	364	377	363	370
27	287	282	286	342	328	335	357	354	356	374	354	361
28	282	275	276	344	333	340	357	352	354	385	367	377
29	277	261	268	348	339	343	358	353	356	395	385	390
30	263	257	260	347	340	344	357	352	354	404	395	401
31	---	---	---	348	334	343	359	353	356	---	---	---
MONTH	354	186	305	356	263	322	388	333	364	404	319	354

01646500 POTOMAC RIVER NEAR WASHINGTON, DC--Continued



01646500 POTOMAC RIVER NEAR WASHINGTON, DC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	19.3	18.3	18.7	12.0	11.5	11.8	7.9	6.8	7.4	2.3	1.3	1.8
2	18.4	17.0	17.8	12.9	11.9	12.3	6.9	6.0	6.5	2.7	1.2	1.8
3	18.2	16.4	17.5	13.3	11.8	12.5	6.2	5.4	5.8	3.2	1.9	2.4
4	19.4	17.3	18.3	12.4	11.3	11.9	7.1	5.6	6.4	4.5	2.8	3.5
5	20.4	18.5	19.3	11.3	10.0	10.8	7.5	6.2	7.0	4.9	3.6	4.1
6	21.5	19.9	20.6	10.3	9.6	10.0	6.2	5.1	5.8	5.5	4.3	5.0
7	22.2	20.9	21.4	10.0	9.2	9.6	5.1	4.3	4.6	7.2	5.5	5.9
8	23.3	21.4	22.3	9.4	8.9	9.2	5.1	4.0	4.4	9.3	7.2	8.3
9	23.8	21.8	22.7	8.9	8.6	8.7	4.6	4.1	4.3	12.4	9.3	11.5
10	23.5	22.2	22.9	9.4	8.8	9.0	4.9	4.4	4.6	10.9	10.2	10.6
11	23.0	21.9	22.5	9.4	9.0	9.2	5.2	4.9	5.1	10.2	8.8	9.5
12	22.2	21.1	21.7	9.2	8.7	8.9	5.5	5.0	5.2	8.8	7.5	8.1
13	21.6	20.6	21.1	8.7	7.8	8.1	5.6	4.4	5.0	7.5	6.5	7.0
14	21.1	20.2	20.6	7.8	7.1	7.3	5.1	4.2	4.6	6.5	5.5	5.9
15	20.5	19.3	19.6	7.1	6.7	6.9	4.5	3.6	4.0	5.5	4.5	4.8
16	19.3	18.2	18.6	7.1	6.1	6.5	4.6	3.3	3.8	4.6	4.4	4.5
17	18.5	16.7	17.6	6.1	5.4	5.7	4.7	3.4	3.9	4.5	4.3	4.4
18	16.7	15.9	16.2	5.6	4.9	5.2	4.7	3.3	3.9	4.7	4.3	4.5
19	15.9	14.7	15.2	5.7	4.9	5.2	4.6	3.4	3.9	4.9	4.6	4.7
20	15.4	14.3	14.8	5.7	4.9	5.2	4.9	3.6	4.2	4.9	4.6	4.7
21	15.3	13.9	14.4	5.9	4.9	5.4	4.9	3.8	4.3	4.7	4.0	4.3
22	14.5	13.4	13.7	6.6	5.6	6.3	4.3	3.5	3.8	4.6	4.0	4.1
23	13.6	12.3	13.0	7.3	6.4	6.8	4.6	3.7	4.0	5.3	4.1	4.5
24	13.1	12.0	12.3	7.0	5.5	6.6	4.6	4.0	4.2	4.6	3.9	4.3
25	12.1	11.7	11.9	5.8	4.9	5.4	5.5	4.5	4.9	4.2	3.7	3.9
26	11.9	11.4	11.6	5.6	5.0	5.3	6.1	5.1	5.4	e4.1	e3.7	e4.0
27	12.2	11.3	11.6	6.8	5.5	5.9	5.2	4.6	5.0	e4.1	e3.7	e3.9
28	11.7	10.5	11.0	6.4	5.7	6.1	4.8	3.6	4.3	e4.2	e3.8	e4.0
29	11.4	10.5	10.9	7.0	6.3	6.6	3.7	3.0	3.5	4.2	3.6	3.9
30	11.0	10.1	10.5	7.4	6.9	7.1	3.3	2.8	3.0	4.4	3.9	4.1
31	11.7	10.2	10.9	---	---	---	2.9	1.9	2.6	4.7	4.1	4.4
MONTH	23.8	10.1	16.8	13.3	4.9	7.8	7.9	1.9	4.7	12.4	1.2	5.1

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	5.0	4.3	4.6	8.0	7.4	7.7	18.4	17.8	18.1	17.5	16.8	17.2
2	5.1	4.3	4.6	8.2	7.6	7.9	18.3	17.7	18.1	17.7	16.2	17.2
3	5.0	4.7	4.8	8.3	7.7	8.0	18.0	16.6	17.2	18.3	16.3	17.5
4	4.9	4.3	4.6	8.3	7.7	8.0	17.4	14.9	15.9	18.3	17.3	17.7
5	4.3	3.9	4.0	7.9	7.3	7.5	14.9	13.8	14.3	17.8	17.2	17.4
6	4.1	3.8	3.9	7.8	6.7	7.3	14.3	13.0	13.8	18.7	17.0	17.8
7	4.3	3.8	4.0	8.4	7.0	7.7	14.6	12.9	13.9	18.6	17.8	18.1
8	5.1	4.2	4.6	8.4	7.9	8.1	14.5	13.3	14.0	17.8	17.1	17.3
9	5.3	4.6	4.9	9.7	8.1	8.9	14.4	13.0	13.7	17.1	16.2	16.5
10	5.7	4.7	5.1	9.5	8.1	8.8	13.2	12.6	12.9	16.2	15.9	16.0
11	5.9	5.0	5.4	8.1	7.1	7.6	13.5	11.6	12.5	15.9	15.6	15.7
12	6.8	5.8	6.2	7.1	5.9	6.5	13.5	12.1	12.8	15.6	15.1	15.3
13	6.6	5.9	6.2	6.1	5.2	5.6	14.0	12.1	13.1	16.1	14.7	15.3
14	6.3	5.9	6.1	5.8	4.8	5.3	14.4	13.0	13.7	17.0	15.3	16.1
15	6.0	5.3	5.7	6.1	4.6	5.4	15.8	13.4	14.4	18.3	16.1	17.2
16	5.8	5.0	5.3	6.5	5.2	5.8	16.6	15.1	15.8	20.1	17.3	18.7
17	6.1	5.0	5.4	6.4	5.6	6.0	17.7	16.3	17.0	21.5	19.1	20.2
18	7.7	6.1	6.7	6.5	6.0	6.2	17.7	16.4	16.9	22.6	20.2	21.3
19	6.9	6.5	6.7	7.5	6.5	6.9	17.2	14.9	16.3	23.4	21.5	22.5
20	6.9	6.6	6.7	7.8	7.2	7.5	15.9	14.8	15.3	24.2	22.6	23.4
21	7.3	6.8	7.0	7.8	7.3	7.5	15.2	13.4	14.3	24.3	23.4	23.9
22	7.5	7.0	7.2	7.6	7.4	7.5	13.9	13.1	13.4	23.8	22.2	22.8
23	7.3	6.8	7.1	7.6	7.1	7.3	13.9	13.2	13.6	22.7	21.3	22.0
24	6.8	6.1	6.4	7.3	6.9	7.1	15.0	13.2	14.1	21.6	20.9	21.4
25	6.1	5.6	5.8	7.8	6.7	7.3	16.3	14.2	15.2	22.7	20.9	21.7
26	6.4	5.6	5.9	9.2	7.3	8.2	16.5	15.4	15.9	23.2	22.0	22.4
27	7.1	6.1	6.6	11.2	9.0	10.1	16.5	15.3	16.0	22.6	21.6	22.3
28	7.7	6.9	7.3	13.7	10.8	12.1	16.7	15.2	16.1	23.7	21.6	22.4
29	---	---	---	15.6	13.1	14.2	17.2	15.5	16.4	25.0	22.5	23.7
30	---	---	---	17.1	14.7	15.8	17.5	16.7	17.0	26.6	24.0	25.3
31	---	---	---	18.4	16.3	17.3	---	---	---	27.4	25.3	26.2
MONTH	7.7	3.8	5.7	18.4	4.6	8.3	18.4	11.6	15.1	27.4	14.7	19.8

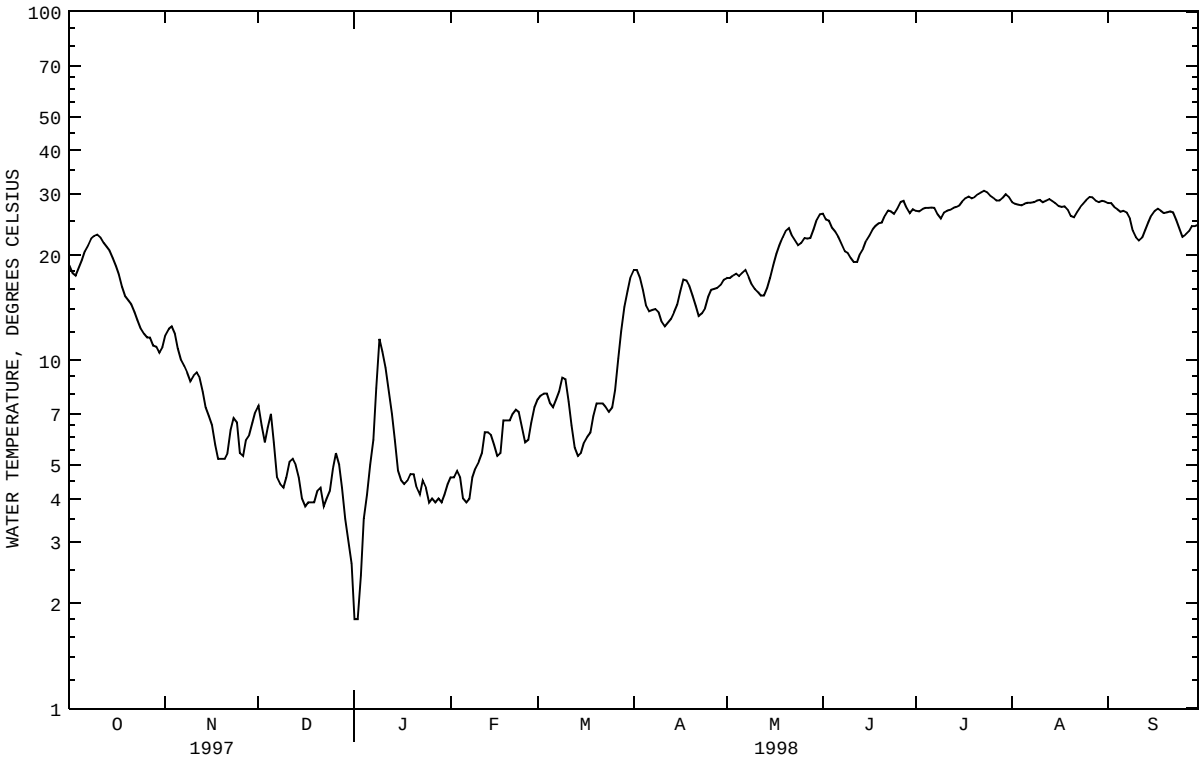
e Estimated

POTOMAC RIVER BASIN

01646500 POTOMAC RIVER NEAR WASHINGTON, DC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	27.1	25.5	26.3	27.7	26.1	26.8	29.1	27.4	28.4	28.8	27.7	28.2
2	26.1	24.7	25.3	27.9	25.9	26.7	29.3	26.6	28.1	29.1	27.3	28.2
3	26.1	24.3	25.1	28.2	26.4	27.1	29.4	26.4	27.9	27.9	26.9	27.5
4	24.3	23.1	23.9	28.3	26.4	27.3	28.9	26.5	27.8	27.4	26.5	27.1
5	24.1	22.4	23.3	28.4	26.7	27.3	29.3	26.7	28.1	27.2	25.9	26.6
6	23.6	22.0	22.6	28.6	26.3	27.4	29.3	27.1	28.3	28.5	25.3	26.8
7	22.2	20.7	21.5	28.4	26.1	27.3	29.1	27.6	28.3	27.0	25.8	26.5
8	21.3	19.7	20.5	27.2	25.5	26.2	29.1	27.8	28.4	26.5	24.7	25.5
9	21.2	19.4	20.3	26.5	24.6	25.5	29.3	28.2	28.7	24.7	23.0	23.5
10	19.9	19.3	19.6	28.0	25.1	26.5	29.4	28.3	28.8	23.2	21.9	22.5
11	19.3	19.0	19.1	27.9	26.0	26.8	29.3	27.6	28.4	23.1	21.0	22.0
12	19.8	18.6	19.1	28.2	25.9	27.0	29.6	27.7	28.7	23.9	21.5	22.5
13	21.3	19.5	20.2	28.5	26.0	27.3	30.0	27.5	29.0	25.3	22.3	23.6
14	22.0	20.0	20.9	28.6	26.3	27.5	29.3	27.7	28.6	26.3	23.7	24.9
15	22.5	21.3	22.0	28.7	26.6	27.8	28.9	27.2	28.2	27.3	25.0	26.0
16	24.2	21.7	22.8	29.6	27.0	28.5	28.3	27.1	27.7	28.0	26.0	26.8
17	24.3	23.2	23.7	30.5	27.8	29.2	27.9	27.1	27.5	27.8	26.6	27.2
18	25.0	23.6	24.3	30.6	28.1	29.5	28.3	26.7	27.6	27.4	26.5	26.9
19	25.2	24.1	24.7	30.0	27.8	29.1	27.8	25.7	27.0	26.7	25.8	26.4
20	25.8	23.9	24.8	30.3	28.2	29.4	26.8	24.3	25.9	27.6	25.8	26.5
21	27.0	25.3	26.0	31.1	28.5	29.9	27.0	24.1	25.7	27.6	25.6	26.7
22	27.6	26.4	26.9	32.0	28.6	30.3	28.0	25.1	26.6	27.0	26.1	26.5
23	27.3	26.2	26.7	31.4	29.7	30.6	29.0	26.2	27.5	26.2	24.6	25.2
24	27.0	25.4	26.3	30.8	29.4	30.3	29.0	27.3	28.1	24.7	23.2	23.9
25	27.9	26.4	27.2	30.2	28.7	29.6	29.7	28.0	28.8	23.6	22.2	22.6
26	29.2	27.7	28.4	30.0	28.2	29.2	30.5	28.6	29.4	24.9	21.8	22.9
27	29.0	27.9	28.6	29.3	27.9	28.7	29.6	29.0	29.3	24.7	22.5	23.4
28	27.9	26.4	27.4	29.6	27.8	28.7	29.3	28.2	28.7	24.9	23.5	24.2
29	27.4	25.7	26.4	30.2	28.2	29.2	28.9	28.0	28.4	25.0	23.3	24.2
30	28.0	26.2	27.1	31.3	28.9	29.9	30.0	27.8	28.6	25.6	23.4	24.4
31	---	---	---	30.1	28.8	29.4	29.2	28.0	28.5	---	---	---
MONTH	29.2	18.6	24.0	32.0	24.6	28.3	30.5	24.1	28.1	29.1	21.0	25.3
YEAR	32.0	1.2	15.8									



DAILY MEAN WATER TEMPERATURE - 1998 WATER YEAR