

RESERVOIRS IN PASSAIC RIVER BASIN

01379990 SPLITROCK RESERVOIR.--Lat 40°57'48", long 74°27'35", Morris County, Hydrologic Unit 02030103, at dam on Beaver Brook, 2 mi north-east of Hibernia.

DRAINAGE AREA.-- 5.50 mi²

PERIOD OF RECORD.-- September 1925 to September 1931, December 1948 to current year.

REVISED RECORDS.--WDR NJ-94-1: 1993.

GAGE.-- Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Reservoir is formed by a concrete gravity dam with earth embankment; present dam constructed 1946-48 and sluice gate first closed Dec. 22, 1948. Prior to 1946, reservoir was formed by earthfill dam with crest about 20 ft lower. Capacity of spillway level, 3,310,000,000 gal, elevation, 835 ft. Flow is regulated by two 30-inch sluice gates. Flow is released for diversion for municipal supply of United Water Jersey City.

COOPERATION.--Records provided by United Water Jersey City.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 3,652,500,000 gal, Apr. 5, 1973, elevation, 836.75 ft; minimum, 1,522,800,000 gal, Jan. 4, 1954, elevation, 824.20 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 3,434,000,000 gal, Apr. 3, elevation, 835.65 ft; minimum, 2,944,000,000 gal, Sept. 30, elevation, 833.17 ft.

01380900 BOONTON RESERVOIR.--Lat 40°53'45", long 74°23'52", Morris County, Hydrologic Unit 02030103, at dam on Rockaway River at Boonton.

DRAINAGE AREA.-- 119 mi²

PERIOD OF RECORD.-- April 1904 to current year.

REVISED RECORDS.--WDR NJ-85-1: 1984, WDR NJ-94-1: 1993.

GAGE.-- Hook gage. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Reservoir is formed by a cyclopean masonry dam with earth wings; dam completed and storage began in 1904. Total capacity at spillway level, 7,620,000,000 gal elevation, 305.25 ft of which 7,366,000,000 gal is usable contents above elevation 259.75 ft, sill of lowest outlet gate. Spillway is topped with two Bascule gates, 2 ft high; prior to 1952, flashboards were used. Flow regulated by Bascule gates, three outlets in gatehouse at head of conduit and by two 48-inch pipes (bottom of sluice pipes at elevation 205 ft). Water is diverted from reservoir for municipal supply of United Water Jersey City.

COOPERATION.--Records provided by United Water Jersey City.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 8,580,000,000 gal, May 12, 1998, elevation, 309.50 ft; minimum, 1,445,000,000 gal, Jan. 31, 1981, elevation 274.71 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 7,968,000,000 gal, Apr. 3, elevation, 307.17 ft; minimum, 3,517,000,000 gal, Sept. 30, elevation, 287.92 ft.

01382100 CANISTEAR RESERVOIR.--Lat 41°06'40", long 74°29'31", Sussex County, Hydrologic Unit 02030103, at dam on Paddock Brook, 1.8 mi north-east of Stockholm.

DRAINAGE AREA.-- 6.08 mi²

PERIOD OF RECORD.-- October 1923 to current year.

REVISED RECORDS.--WDR NJ-94-1: 1993, WDR NJ-99-1: 1998 (elevation, contents).

GAGE.-- Staff gage. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Reservoir is formed by earth-embankment type dam, completed about 1896. Capacity at spillway level, 2,407,000,000 gal, elevation, 1,086.0 ft. Reservoir used for storage and water released for diversion at Macopin intake dam on Pequannock River prior to May 21, 1961, and for diversion at Charlotteburg Reservoir on Pequannock River since May 21, 1961, for municipal supply for City of Newark. Outflow is controlled mostly by operation of gates in pipes through dam.

COOPERATION.--Records provided by City of Newark, Division of Water Supply.

01382200 OAK RIDGE RESERVOIR.--Lat 41°02'27", long 74°30'09", Passaic County, Hydrologic Unit 02030103, at dam on Pequannock River, 0.9 mi southwest of Oak Ridge.

DRAINAGE AREA.-- 27.3 mi²

PERIOD OF RECORD.-- October 1923 to current year.

REVISED RECORDS.--WDR NJ-99-1: 1998 (elevation, contents).

GAGE.-- Staff gage. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Reservoir is formed by earthfill dam with concrete-core wall and ogee overflow section; dam constructed between 1880-92; dam raised 10 ft during 1917-19. Capacity at spillway level, 3,895,000,000 gal, elevation, 846.0 ft. Reservoir used for storage and water released for diversion at Macopin intake dam on Pequannock River prior to May 21, 1961, and diversion at Charlotteburg Reservoir on Pequannock River since May 21, 1961, for municipal supply of City of Newark. Outflow is controlled mostly by operation of gates in pipes through dam.

COOPERATION.--Records provided by City of Newark, Division of Water Supply.

01382300 CLINTON RESERVOIR.--Lat 41°04'28", long 74°26'51", Passaic County, Hydrologic Unit 02030103, at dam on Clinton Brook, 2.0 mi north of Newfoundland.

DRAINAGE AREA.-- 10.5 mi²

PERIOD OF RECORD.-- October 1923 to current year.

REVISED RECORDS.--WDR NJ-99-1: 1998 (elevation, contents).

GAGE.-- Staff gage. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Reservoir is formed by earthfill dam constructed between 1889-92. Capacity at spillway level, 3,518,000,000 gal, elevation, 992.0 ft. Reservoir used for storage and water released for diversion at Macopin intake dam on Pequannock River prior to May 21, 1961, and for diversion at Charlotteburg Reservoir since May 21, 1961, for municipal supply of City of Newark. Outflow is controlled mostly by operation of gates in pipes through dam.

COOPERATION.--Records provided by City of Newark, Division of Water Supply.

01382380 CHARLOTTEBURG RESERVOIR.--Lat 41°01'34", long 74°25'29", Passaic County, Hydrologic Unit 02030103, at dam on Pequannock River, 1.1 mi upstream from Macopin River, and 1.5 mi southeast of Newfoundland, NJ.

DRAINAGE AREA.-- 56.2 mi²

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

REVISED RECORDS.--WRD NJ-74: Station number, WDR NJ-99-1: 1998 (elevation, contents).

GAGE.-- Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Reservoir is formed by concrete-masonry dam and earth embankment, with concrete spillway at elevation 738.00 ft; storage began May 19, 1961. Spillway equipped with automatic Bascule gate 5 ft high. Capacity, 2,964,000,000 gal, elevation, 743.00 ft, top of Bascule gate. No dead storage.

Outflow is controlled by sluice and automatic Bascule gates. Water diverted from reservoir since May 21, 1961, for municipal supply of City of Newark.

COOPERATION.--Records provided by City of Newark, Division of Water Supply.

RESERVOIRS IN HACKENSACK RIVER BASIN—Continued

01382400 ECHO LAKE.--Lat 41°02'58", long 74°24'25", Passaic County, Hydrologic Unit 02030103, at Echo Lake Dam on Macopin River, 1.6 mi north of Charlotteburg, and 1.9 mi upstream from mouth.

DRAINAGE AREA.-- 4.35 mi²

PERIOD OF RECORD.-- October 1927 to current year.

REVISED RECORDS.-- WDR NJ-99-1: 1998 (elevation, contents).

GAGE.-- Staff gage. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Lake is formed by earth-embankment type dam completed about 1925. Capacity at spillway level, 1,583,000,000 gal, elevation, 893.0 ft, with provision for additional storage of 180,000,000 gal at elevation 894.9 ft with flashboards. Usable contents, 1,045,000,000 gal above elevation 880.0 ft.

Lake used for storage and water released for diversion at Macopin intake dam on Pequannock River prior to May 21, 1961, and water diverted to Charlotteburg Reservoir on Pequannock River since May 21, 1961, for municipal supply of City of Newark. Outflow to Macopin River controlled by operation of gates in gatehouse at dam and water released through pipe and canal to Charlotteburg Reservoir.

COOPERATION.--Records provided by City of Newark, Division of Water Supply.

01383000 GREENWOOD LAKE.--Lat 41°09'42", long 74°20'00", Passaic County, Hydrologic Unit 02030103, in gatehouse near right end of Greenwood Lake Dam on Wanaque River at Awosting.

DRAINAGE AREA.-- 27.1 mi²

PERIOD OF RECORD.-- June 1898 to November 1903, June 1907 to current year (gage heights only prior to October 1953).

REVISED RECORDS.-- WDR NJ-94-1: 1993, WDR NJ-97-1: 1995-96.

GAGE.-- Water-stage recorder. Datum of gage is 608.86 ft above National Geodetic Vertical Datum of 1929 (levels from New Jersey Geological Survey bench mark). Prior to Oct. 1, 1931, staff gage on former railroad bridge at site 100 ft upstream at datum 89.75 ft lower.

REMARKS.--Reservoir is formed by earthfill dam with concrete spillway; dam completed about 1837 and reconstruction completed in 1928 with crest of spillway 0.25 ft lower. Usable capacity, 6,860,000,000 gal between gage heights -4.00 ft, sill of gate, and 10.00 ft, crest of spillway. Dead storage, 7,140,000,000 gal. Outflow mostly regulated by two gates, 3.5 by 5.0 ft. Records given herein represent usable capacity. Lake used for recreation. Diversions by North Jersey District Water Supply Commission from Upper Greenwood Lake enter via Green Brook.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 9,528,000,000 gal, Oct. 9-14, 1903, gage height, 14.25 ft, present datum; minimum, 3,160,000,000 gal, several days in November 1900, gage height, 3.50 ft, present datum.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 8,060,000,000 gal, Apr. 3, gage height, 11.92 ft; minimum, 6,244,000,000 gal, Sept. 29, gage height, 8.99 ft.

01384002 MONKSVILLE RESERVOIR.--Lat 41°07'21", long 74°17'48", Passaic County, Hydrologic Unit 02030103, at dam on Wanaque River at Monks.

DRAINAGE AREA.-- 40.4 mi²

PERIOD OF RECORD.-- September 1988 to current year.

GAGE.-- Measurement from reference point. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.-- Reservoir is formed by a roller compacted concrete dam constructed in 1988. Total capacity at spillway level, 7,000,000,000 gal, elevation 400.0 ft. Reservoir used for storage and water released to Wanaque Reservoir. Outflow is controlled by a 60-inch fixed-cone valve in a 72-inch pipe and 10-inch cone valve which can discharge directly into Wanaque Reservoir or into the 72-inch pipe.

COOPERATION.--Records provided by North Jersey District Water Supply Commission.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents revised, 7,400,000,000 gal, Sep 17-19, 1999, elevation 403.3 ft; minimum, 860,000,000, Sept. 28, 1988 (first filling), elevation 339.0 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 7,330,000,000 gal, Apr. 3, elevation 401.8 ft; minimum, 6,960,000,000 gal, Sept. 26, 28-30, elevation 399.8 ft.

01386990 WANAQUE RESERVOIR.--Lat 41°02'42", long 74°17'43", Passaic County, Hydrologic Unit 02030103, at Raymond Dam on Wanaque River at Wanaque.

DRAINAGE AREA, 90.4 mi²

PERIOD OF RECORD, February 1928 to current year.

REVISED RECORDS.--WDR NJ-85-1: 1984 (M).

GAGE, water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (levels by North Jersey District Water Supply Commission).

REMARKS.--Reservoir is formed by earthfill with concrete-core wall main dam and seven secondary dams; dams completed in 1927 and storage began in March 1928. Total capacity at spillway level, 29,630,000,000 gal, revised, elevation, 302.4 ft, prior to 1986, 300.3 ft. Capacity available by gravity at spillway level, 27,850,000,000 gal. Outflow mostly controlled by sluice gates in intake conduits in gate house. Water is diverted from reservoir for municipal supply. Diversion to reservoir from Posts Brook, Pompton River, and Ramapo River (see Passaic River basin, diversions). Records given herein represent total capacity.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 31,280,000,000 gal, Apr. 5, 1984, elevation, 304.52 ft; minimum, 5,110,000,000 gal, Dec. 26, 1964, elevation, 256.06 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 30,803,000,000 gal, Apr. 3, elevation, 303.91 ft; minimum, 11,527,000,000 gal, Sept. 30, elevation, 272.96 ft.

MONTHEND ELEVATION AND CONTENTS, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Elevation (feet)*	Contents (million gallons)	Change in contents (equivalent in ft ³ /s)	Elevation (feet)*	Contents (million gallons)	Change in contents (equivalent in ft ³ /s)	Elevation (feet)**	Contents (million gallons)	Change in contents (equivalent in ft ³ /s)
01379990 SPLITROCK RESERVOIR			01380900 BOONTON RESERVOIR			01382100 CANISTEAR RESERVOIR			
Sept. 30.....	835.80	3,464		306.46	7,785		1,086.2	2,427	
Oct. 31.....	835.00	3,306	-7.9	305.27	7,482	-15.1	1,086.1	2,417	-0.5
Nov. 30.....	835.45	3,395	+4.6	306.10	7,693	+10.9	1,086.2	2,427	+5
Dec. 31.....	835.10	3,325	-3.5	305.58	7,561	-6.6	1,086.2	2,427	0
CAL YR 2004			0			-2			0
Jan. 31.....	835.10	3,325	0	305.50	7,540	-1.0	1,086.2	2,427	0
Feb. 28.....	835.10	3,325	0	305.50	7,540	0	1,086.1	2,417	-6
Mar. 31.....	835.50	3,405	+4.0	306.40	7,770	+11.5	1,086.3	2,437	+1.0
Apr. 30.....	835.05	3,315	-4.6	305.46	7,530	-12.4	1,086.1	2,417	-1.0
May 31.....	835.00	3,306	-4	305.27	7,487	-2.1	1,086.0	2,407	-5
June 30.....	834.80	3,266	-2.1	303.08	6,932	-28.6	1,086.1	2,417	+5
July 31.....	834.55	3,216	-2.5	301.33	6,496	-21.8	1,086.0	2,407	-5
Aug. 31.....	833.85	3,078	-6.9	295.17	5,050	-72.2	1,086.0	2,407	0
Sept. 30.....	833.38	2,985	-4.8	287.73	3,479	-81.0	1,085.4	2,344	-3.2
WTR YR 2005			-2.0			-18.2			-4

RESERVOIRS IN HACKENSACK RIVER BASIN—Continued

MONTHEND ELEVATION AND CONTENTS, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Elevation (feet)**	Contents (million gallons)	Change in contents (equivalent in ft ³ /s)	Elevation (feet)**	Contents (million gallons)	Change in contents (equivalent in ft ³ /s)	Elevation (feet)**	Contents (million gallons)	Change in contents (equivalent in ft ³ /s)
01382200 OAK RIDGE RESERVOIR				01382300 CLINTON RESERVOIR			01382380 CHARLOTTEBURG RESEVOIR		
Sept. 30.....	844.5	3,683		992.2	3,544		738.75	2,487	
Oct. 31.....	844.1	3,627	-2.8	992.1	3,531	-0.6	737.40	2,345	-7.1
Nov. 30.....	844.3	3,655	+1.4	992.2	3,544	+7	738.95	2,509	+8.5
Dec. 31.....	844.2	3,641	-7	992.1	3,531	-6	738.35	2,444	-3.2
CAL YR 2004			-1.3				0		
Jan. 31.....	844.2	3,641	0	992.1	3,531	0	738.40	2,450	+3
Feb. 28.....	844.2	3,641	0	992.1	3,531	0	738.30	2,439	-6
Mar. 31.....	844.8	3,725	+4.2	992.2	3,544	+6	739.05	2,519	+4.0
Apr. 30.....	844.6	3,697	-1.4	992.0	3,518	-1.3	738.15	2,423	-5.0
May 31.....	844.6	3,697	0	991.8	3,492	-1.3	735.75	2,181	-12.1
June 30.....	842.6	3,421	-14.2	991.5	3,454	-2.0	736.30	2,234	+2.7
July 31.....	836.2	2,580	-42.0	989.4	3,185	-13.4	735.70	2,176	-2.9
Aug. 31.....	830.6	1,913	-33.3	984.3	2,525	-32.9	736.45	2,249	+3.6
Sept. 30.....	827.1	1,545	-19.0	980.3	2,090	-22.4	736.95	2,298	+2.5
WTR YR 2005			-9.1				-6.2		

Date	Elevation (feet)**	Contents (million gallons)	Change in contents (equivalent in ft ³ /s)	Elevation (feet)†	Contents (million gallons)	Change in contents (equivalent in ft ³ /s)	Elevation (feet)**	Contents (million gallons)	Change in contents (equivalent in ft ³ /s)
01382400 ECHO LAKE				01383000 GREENWOOD LAKE			01384002 MONKSVILLE RESERVOIR		
Sept. 30.....	893.8	1,658		10.70	7,344		400.9	7,160	
Oct. 31.....	893.6	1,638	-1.0	10.12	6,934	-20.5	400.3	7,050	-5.5
Nov. 30.....	893.8	1,658	+1.0	10.62	7,244	+16.0	400.8	7,150	+5.2
Dec. 31.....	893.8	1,658	0	10.28	7,034	-10.5	400.4	7,070	-4.0
CAL YR 2004			+1				-3		
Jan. 31.....	893.7	1,648	-5	e10.21	e6,990	-2.2	400.6	7,110	+2.0
Feb. 28.....	893.7	1,648	0	10.29	7,040	+2.8	400.5	7,090	-1.1
Mar. 31.....	893.8	1,658	+5	10.83	7,375	+16.7	401.1	7,200	+5.5
Apr. 30.....	893.7	1,648	-5	10.37	7,089	-14.7	400.4	7,070	-6.7
May 31.....	893.5	1,630	-9	e9.89	e6,793	-14.8	400.4	7,070	0
June 30.....	893.5	1,630	0	e10.22	e6,996	+10.5	400.3	7,050	-1.0
July 31.....	893.5	1,630	0	9.91	6,805	-9.5	400.2	7,040	-5
Aug. 31.....	893.4	1,621	-5	9.53	6,573	-11.6	400.2	7,040	0
Sept. 30.....	893.4	1,621	0	9.05	6,299	-14.1	399.8	6,960	-4.1
WTR YR 2005			-2				-4.4		

Date	Elevation (feet)b	Contents (million gallons)	Change in contents (equivalent in ft ³ /s)
01386990 WANAQUE RESERVOIR			
Sept. 30.....	300.81	28,404	
Oct. 31.....	300.39	28,080	-16.2
Nov. 30.....	299.96	27,750	-17.0
Dec. 31.....	302.45	29,670	+95.8
CAL YR 2004			
-3			
Jan. 31.....	302.14	29,429	-12.0
Feb. 28.....	302.36	29,600	+9.4
Mar. 31.....	302.92	30,035	+21.7
Apr. 30.....	302.39	29,623	-21.2
May 31.....	300.14	27,888	-86.6
June 30.....	295.41	24,460	-177
July 31.....	289.67	20,609	-192
Aug. 31.....	280.98	15,509	-255
Sept. 30.....	272.97	11,531	-205
WTR YR 2005			
-71.5			

* Elevation at 0900 on the first day of the following month.

** Elevation at 0800 on the first day of the following month.

† Elevation at 2400 on the last day of each month.

b Previously reported data recorded at 0800 on first day of following month, beginning in 1999 water year data recorded at 2400 of the last day of each month.

e Estimated.

DIVERSIONS IN PASSAIC RIVER BASIN

- 01368720 North Jersey District Water Supply Commission diverts water from Upper Greenwood Lake (Hudson River basin) near Moe, NJ to the Green Brook, a tributary of Greenwood Lake, for municipal supply. Consult North Jersey District Water Supply Commission for data available.
- 01379510 New Jersey-American Water Company diverts water from Passaic River, 1.2 mi upstream from Canoe Brook for municipal supply. Records provided by New Jersey-American Water Company.
- 01379530 New Jersey-American Water Company diverts water from Canoe Brook near Summit, 0.5 mi upstream from mouth, for municipal supply. Records provided by New Jersey-American Water Company.
- 01380280 The Town of Boonton diverts water from a tributary of Stony Brook at Taylortown Reservoir for municipal water supply. Records furnished by Town of Boonton.
- 01380800 Jersey City diverts water from Boonton Reservoir on Rockaway River at Boonton for municipal supply. Records provided by United Water Jersey City. REVISED RECORDS.--WDR NJ-97-1: 1996.
- 01382370 City of Newark diverts water from Charlotteburg Reservoir on Pequannock River since May 21, 1961 for municipal supply. Prior to May 21, 1961 water was diverted from reservoir formed by Macopin intake dam on Pequannock River (former diversion 01382490). Records provided by City of Newark, Division of Water Supply. REVISED RECORDS.--WDR NJ-82-1: Station number.
- 01386980 North Jersey District Water Supply Commission diverts water for municipal supply from Wanaque Reservoir on Wanaque River. Records provided by North Jersey District Water Supply Commission.
- 01387020 North Jersey District Water Supply Commission diverts water from Posts Brook near Wanaque into Wanaque Reservoir for municipal supply. Records not available. See low-flow partial-record station 01387020.
- 01387959 Passaic Valley Water Commission diverts water from Point View Reservoir to the PVWC's intake canal at Little Falls for municipal supply. No diversion this year. REVISED RECORDS.--WDR NJ-00-1: 1999.
- 01387990 North Jersey District Water Supply Commission diverts water from Ramapo River by pumping from Pompton Lakes into Wanaque Reservoir. Records provided by North Jersey District Water Supply Commission.
- 01388490 Passaic Valley Water Commission supplements the dependable yield of its supply at Little Falls by diverting water at high flows at the Jackson Avenue Pumping Station into Point View Reservoir on Haycock Brook. Water can also be released from Point View Reservoir into the Pompton River at Jackson Avenue Pumping Station and are noted as negative discharges. Also water may be released into Haycock Brook for maintenance of flow in that stream. These diversions and releases occur upstream from Pompton Plains gaging station (01388500). Records provided by Passaic Valley Water Commission. REVISED RECORDS.--WDR NJ-82-1: Station number.
- 01388980 North Jersey District Water Supply Commission diverts water from the Wanaque South pumping station on the Pompton River at Two Bridges, 750 ft upstream from the Passaic River, to Wanaque Reservoir since January 1987. Records provided by the North Jersey District Water Supply Commission.
- 01388981 United Water New Jersey diverts water from the Wanaque South pumping station on the Pompton River at Two Bridges, 750 ft upstream from the Passaic River, to Oradell Reservoir. Water can also be diverted from Wanaque Reservoir to Oradell Reservoir in the Hackensack River basin. Figures given herein include diversion from both sources. Prior to water year 1989, diversion was from Ramapo River at Pompton Lakes. Records provided by the United Water New Jersey.
- 01388982 The Passaic Valley Water Commission (PVWC) diverts water from the Wanaque South pumping station on the Pompton River at Two Bridges, 750 ft upstream from the Passaic River, to the PVWC's intake canal just upstream of Beatties Dam at Little Falls. Previous to the 2001 water year, diversions at this location were included with those made at Little Falls (01389490). Records provided by Passaic Valley Water Commission.
- 01389490 The Passaic Valley Water Commission diverts water from Passaic River above Beatties Dam at Little Falls for municipal supply. Previous to the 2001 water year, figures included those made at Wanaque South pumping station on the Pompton River at Two Bridges (01388982). Negative flows indicate excess water from Wanaque South pumping station (01388982) was returned to the Passaic River at Little Falls (01389500). Occasionally releases from Point View Reservoir (01387959) are included in this total. Records provided by Passaic Valley Water Commission.

DIVERSIONS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

MONTH	<u>01379510</u>	<u>01379530</u>	<u>01380280</u>	<u>01380800</u>	<u>01382370</u>
	New Jersey - American Water Company from Passaic River	New Jersey - American Water Company from Canoe Brook	Stony Brook tributary diversion at Taylortown	Jersey City	Newark
October	15.5	1.02	0.82	76.3	69.1
November	5.23	6.06	.81	68.2	68.1
December	15.2	6.09	.70	66.6	69.0
CAL YR 2004	6.89	2.72	.82	76.8	68.5
January	15.3	6.37	.81	69.8	67.4
February	21.8	4.86	.75	71.2	60.2
March	19.8	.23	.76	69.0	61.2
April	2.13	4.04	.71	70.7	54.9
May	2.05	.23	.90	78.0	61.8
June	3.10	.86	.94	93.1	64.6
July	3.10	2.83	.96	93.7	64.3
August42	.47	.68	92.7	67.5
September.....	1.55	1.24	.41	89.1	69.0
WTR YR 2005	8.72	2.84	.77	78.2	64.8

DIVERSIONS IN PASSAIC RIVER BASIN—Continued

DIVERSIONS, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005, Continued

MONTH	<u>01386980</u>	<u>01387959</u>	<u>01387990</u>	<u>01388490</u>
	Wanaque Reservoir	Point View Reservoir to Little Falls	Ramapo River to Wanaque Reservoir	Pompton River to Point View Reservoir
October	152	0	0	0
November	153	0	0	0
December	140	0	0	0
CAL YR 2004	154	0	0	0
January	157	0	0	0
February	172	0	0	0
March	169	0	0	0
April	148	0	0	0
May	139	0	0	0
June	169	0	0	0
July	172	0	0	0
August	177	0	0	0
September	169	0	0	0
WTR YR 2005	160	0	0	0

MONTH	<u>01388980</u>	<u>01388981*</u>	<u>01388982</u>	<u>01389490</u>
	Pompton River to Wanaque Reservoir	To Oradell Reservoir	Pompton River to Passaic Valley Water Commission at Little Falls	Passaic River to Passaic Valley Water Commission at Little Falls
October	15.7	17.1	78.6	-20.1
November	0	.02	65.5	-9.41
December	0	0	12.9	47.7
CAL YR 2004	1.33	6.20	69.1	-.61
January	0	0	12.3	49.4
February	0	0	41.4	15.3
March	0	0	0	56.6
April	0	0	0	73.0
May	0	10.3	0	92.8
June	0	28.7	0	98.4
July	0	44.7	0	84.7
August	0	66.2	0	116
September	35.3	71.1	0	99.6
WTR YR 2005	4.23	20.0	17.4	59.0

* Diversion is to the Hackensack River Basin from Pompton River or Wanaque Reservoir.