

EXPLANATION

--- APPROXIMATE BOUNDARY OF VALLEY-FILL AQUIFER SYSTEM--
Dashed outside of study area

..... BOUNDARY OF STUDY AREA

SUFFERN WATER DEPARTMENT WELL FIELD
WITHDRAWALS: 2.48 ft³/s
06-09-14

Miscellaneous
△ 01387610 (21.90)

Low-flow partial-record
▲ 01387800 (0.93)

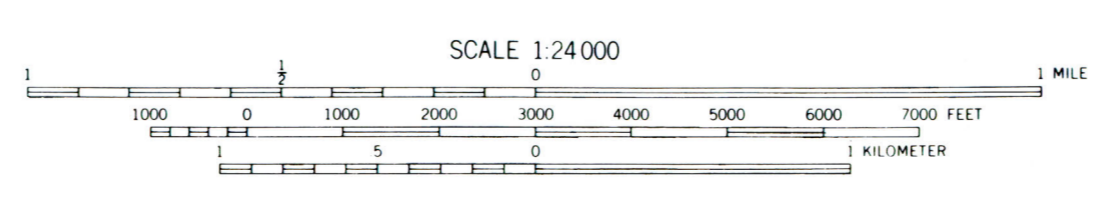
Continuous-record
▲ 01387500 (23.9)

STREAM-DISCHARGE MEASUREMENT STATIONS--Upper number is station number. Lower number is stream discharge on October 13, 1982, in cubic feet per second. Where dashes are shown, discharge was not measured on this date. An "a" before discharge value denotes mean daily discharge

STREAM DISCHARGE AND DRAINAGE AREAS IN THE RAMAPO RIVER BASIN

Station number	Drainage area in square miles	Discharge, in cubic feet per second		
		10-14-81	5-18-82	10-13-82
01387400	86.94	a12	a54	a17
01387420	93.11	a11	a40	a18
0138742503	93.83	11.6	49.0	18.7
01387480	20.76	--	15.4	1.95
01387483	21.17	.61	16.3	2.32
01387485	.76	.04	.55	.10
01387486	.42	.11	.45	.21
01387488	2.92	.50	1.26	.89
01387489	3.76	--	8.75	1.18
01387490	3.84	b2.16	b6.22	1.93
0138749205	25.86	3.11	23.7	4.6
01387500	120.43	a16	a67	a24
01387520	1.35	0	4.12	0
01387521	--	--	.87	--
01387525	120.95	c16.0	73.9	26.2
01387535	.19	.05	.19	.07
01387540	123.13	14.9	76.6	24.1
01387560	1.50	0	0	0
01387600	3.38	.57	2.02	.93
01387610	128.84	14.2	76.1	21.9
01387611	--	--	--	22.8
01387630	.89	.03	.23	.06
01387650	.84	.10	.36	e.17
01387660	130.71	10.7	79.0	24.8
01387670	131.31	10.7	77.7	24.5
01387700	3.24	.06	1.25	.24
01387720	.91	0	.11	0
01387750	1.47	0	.54	0
01387760	.45	.13	.42	.42
01387765	138.44	--	88.8	29.7
01387769	138.61	--	--	26.3
01387770	.07	.01	.06	.01
01387790	.98	0	.19	0
01387800	.18	.01	.14	0
01387810	.31	0	.09	0
01387811	140.85	--	94.9	27.5
01387830	3.15	.41	1.74	--
01387840	.99	.86	2.68	--
01387850	--	--	1.26	--
01387853	2.83	1.54	4.07	--
01387879	.33	.07	--	.13
01387880	7.20	1.66	5.6	1.84
01387900	.34	.01	.26	0
01387910	150.47	15.4	95.0	25.5
01387915	.26	0	.08	--
01387930	.86	1.06	1.81	--
01387950	1.79	.31	.38	--
01387980	4.17	.30	3.26	--
01388000	159.70	a27	a100	a39

+ Station reported in Vecchioli and Miller (1973, plate 4)
- Data not available
a Mean daily discharge
b Flow affected by dredging operations in Winters Pond
c Average of two discharge measurements
d Flow is diverted and enters the Ramapo River just upstream from station 01387540
e No flow from Fyke Brook to river



STREAM DISCHARGE IN AND NEAR THE RAMAPO RIVER VALLEY, NEW JERSEY AND NEW YORK