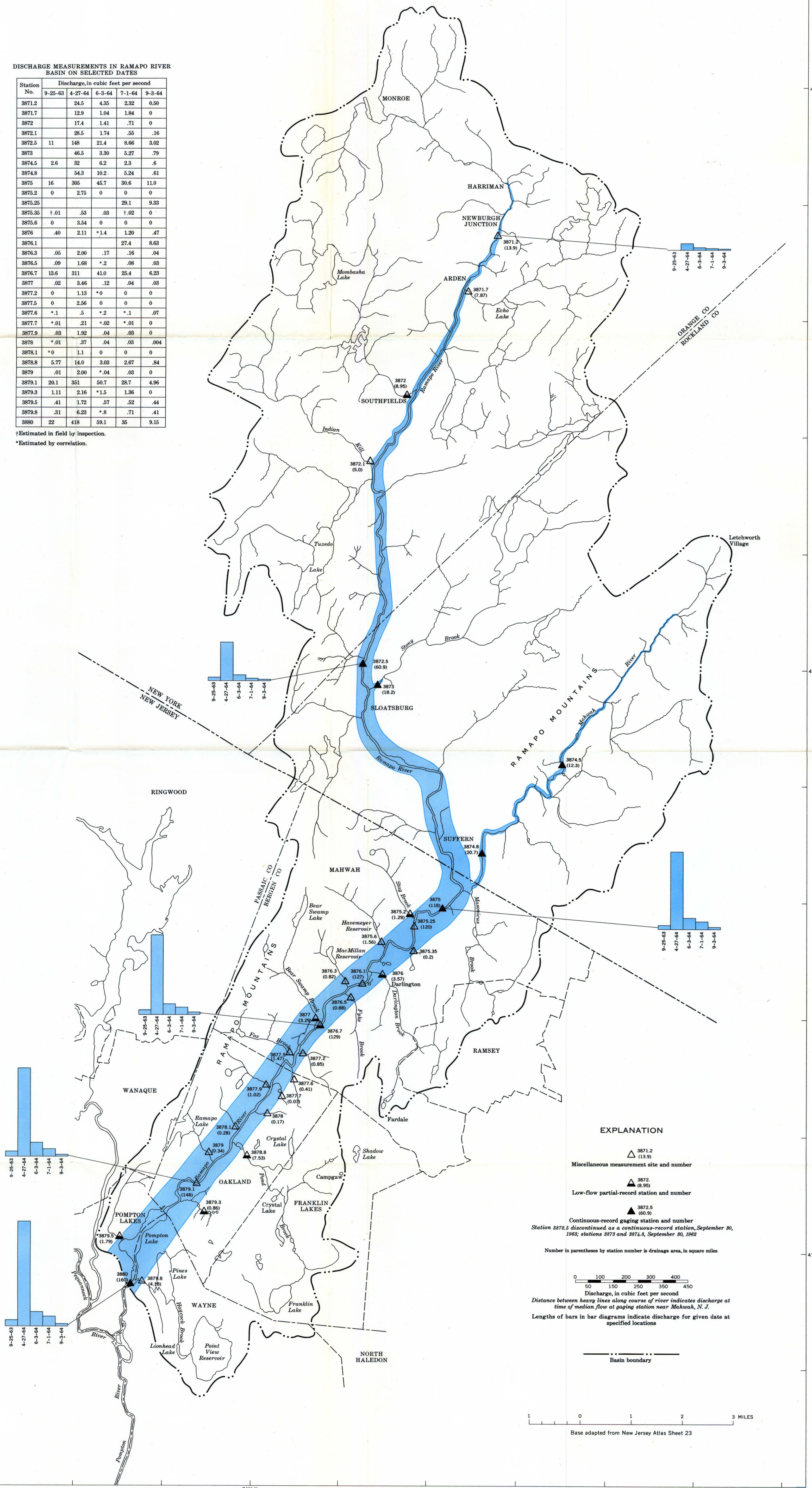


DISCHARGE MEASUREMENTS IN RAMAPO RIVER
BASIN ON SELECTED DATES

Station No.	Discharge, in cubic feet per second				
	9-25-63	4-27-64	6-3-64	7-1-64	9-3-64
3871.2		24.5	4.35	2.32	0.50
3871.7		12.9	1.04	1.84	0
3872		17.4	1.41	.71	0
3872.1		28.5	1.74	.55	.16
3872.5	11	148	21.4	8.66	3.02
3873		46.5	3.30	5.27	.79
3874.5	2.6	32	6.2	2.3	.6
3874.8		54.3	10.2	5.24	.61
3875	16	305	45.7	30.6	11.0
3875.2	0	2.75	0	0	0
3875.25				29.1	9.33
3875.35	†.01	.53	.03	†.02	0
3875.6	0	3.54	0	0	0
3876	40	2.11	*1.4	1.20	.47
3876.1				27.4	8.63
3876.3	.05	2.00	.17	.16	.04
3876.5	.09	1.68	*.2	.08	.03
3876.7	13.6	311	41.0	25.4	6.23
3877	.02	3.46	.12	.04	.03
3877.2	0	1.13	*0	0	0
3877.5	0	2.56	0	0	0
3877.6	*.1	.5	*.2	*.1	.07
3877.7	*.01	.21	*.02	*.01	0
3877.9	.03	1.92	.04	.03	0
3878	*.01	.37	.04	.03	.004
3878.1	*0	1.1	0	0	0
3878.8	5.77	14.0	3.03	2.67	.84
3879	.01	2.00	*.04	.03	0
3879.1	20.1	351	50.7	28.7	4.96
3879.3	1.11	2.16	*1.5	1.36	0
3879.5	.41	1.72	.57	.52	.44
3879.8	.31	6.23	*.8	.71	.41
3880	22	418	59.1	35	9.15

† Estimated in field by inspection.
* Estimated by correlation.



EXPLANATION

- △ 3871.2 (13.9)
Miscellaneous measurement site and number
- ▲ 3872 (8.95)
Low-flow partial-record station and number
- ▲ 3872.5 (60.9)
Continuous-record gaging station and number
Station 3872.5 discontinued as a continuous-record station, September 30, 1965; stations 3873 and 3874.8, September 30, 1962
- Number in parentheses by station number is drainage area, in square miles
- 0 100 200 300 400 450
Discharge, in cubic feet per second
Distance between heavy lines along course of river indicates discharge at time of median flow at gaging station near Mahwah, N. J.
- Lengths of bars in bar diagrams indicate discharge for given date at specified locations
- Basin boundary

1 0 1 2 3 MILES
Base adapted from New Jersey Atlas Sheet 23

MAP SHOWING STREAMFLOW DATA, RAMAPO RIVER BASIN,
NEW JERSEY AND NEW YORK