

Mad Brook, Shelburne, N.Y.—Sq. miles, 5.00; Sept. 3-4, 1905; Sec. ft. per sq. mile, 262.00; U.S. Geol. Sur. W.S.P. No. 162.

Skinner Creek, Mannsville, N.Y.—Sq. miles, 6.40; summer, 1891; Sec. ft. per sq. mile, 124.20; U.S. B. Engrs. D.W. 1899.

Coldspring Brook, Massachusetts—Sq. miles, 6.43; Feb., 1886; Sec. ft. per sq. mile, 48.40; Trans. Am. Soc. C.E. Vol. 25.

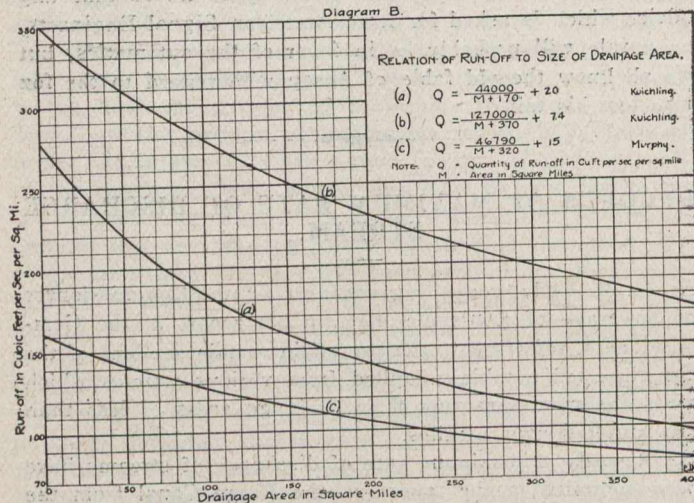
Croton River, So. Branch, N.Y.—Sq. miles, 7.80; Feb., 1869; Sec. ft. per sq. mile, 73.90; Trans. Am. Soc. C.E. Vol. 4.

Mill Brook, Edminstone, N.Y.—Sq. miles, 9.40; Sept. 3-4, 1905; Sec. ft. per sq. mile, 241.00; U.S. Geol. Sur. W.S.P. No. 162.

Woodhull Reservoir, Herkimer, N.Y.—Sq. miles, 9.40; Sept., 1869; Sec. ft. per sq. mile, 77.80; Trans. Am. Soc. C.E. Vol. 4.

Stony Brook, Boston, Mass.—Sq. miles, 12.70; Feb., 12, 1886; Sec. ft. per sq. mile, 121.00; Report of Stony Brook Flood Com.

Swartwood Lake, New Jersey—Sq. miles, 16.00; Sec. ft. per sq. mile, 68.00; N.J. Geol. Sur. 1894, pt. 4.



Williamstown River, Williamstown, Mass.—Sq. miles, 16.50; Sec. ft. per sq. mile, 34.00; U.S. B. Engrs. D.W. 1899.

Croton River, W. Branch, N.Y.—Sq. miles, 20.47; Jan. 7, 1874; Sec. ft. per sq. mile, 54.40; E. M. Treman, J. J. R. Croes, Tech. Quar. 1891, p. 325.

Bridgeport, Conn.—Sq. miles, 22.23; July 29, 1905; Sec. ft. per sq. mile, 200.

Trout Brook, Centerville, N.Y.—Sq. miles, 23.00; 1875; Sec. ft. per sq. mile, 50.6; U.S. B. Engrs. D.W. 1899.

Pequannock River, Connecticut—Sq. miles, 24.00; July 29, 1905; Sec. ft. per sq. mile, 200.

Beargrass Creek, South Fork, Louisville, Ky.—Sq. miles, 27.54; Feb. 24, 1909, March 9, 1909; Sec. ft. per sq. mile, 100.00, 69.00.

Wautuppa Lake, Fall River, Mass.—Sq. miles, 28.50; (12 hrs.), 1875; Sec. ft. per sq. mile, 72.00; Trans. Am. Soc. C.E. Vol. 4.

Pequest River, Huntsville, N.J.—Sq. miles, 31.40; Sec. ft. per sq. mile, 19.30; N.J. Geol. Sur. 1894, pt. 3.

Sawkill near mouth, N.Y.—Sq. miles, 35.00; April 4, 1895 (1 hr.), 1896; Sec. ft. per sq. mile, 228.60, 228.60; U.S. Geol. Sur. W.S.P. No. 35.

Whippany River, Whippany, N.J.—Sq. miles, 38.00, 37.00; Feb. 6, 1896, Oct. 1903; Sec. ft. per sq. mile, 84.20, 61.62; U.S. Geol. Sur. (unpublished).

Cayadutta Creek, Johnston, N.Y.—Sq. miles, 40.00; 1896; Sec. ft. per sq. mile, 72.40; U.S. B. Engrs. D.W. 1899.

Six-Mile Creek, Ithaca, N.Y.—Sq. miles, 46.00. June, 1905; Sec. ft. per sq. mile, 132.00, 195.00; Emil Kuichling, M. Am. Soc. C.E. U.S. Geo. Sur. W.S.P. No. 162.

W. Canada Creek, Motts Dam, N.Y.—Sq. miles, 47.50; Spring, 1894; Sec. ft. per sq. mile, 34.10; U.S. B. Engrs. D.W. 1899.

Little Conemaugh, So. Fork, Johnstown, Pa.—Sq. miles, 48.6; May 31, 1889; Sec. ft. per sq. mile, 205.70; Am. Soc. C.E., Vol. 24, 1891.

Sauquoit Creek, N.Y. Mills, N.Y.—Sq. miles, 51.50; Sec. ft. per sq. mile, 53.40; U.S. B. Engrs. D.W. 1899.

Rockaway River, Dover, N.J.—Sq. miles, 52.50; Sec. ft. per sq. mile, 43.00; N.J. Geol. Surv. 1894.

Mill River, Mass.—Sq. miles, 58.00; Sec. ft. per sq. mile, 15.50; Rept. N.Y. Barge Canal, 1901.

Oneida Creek, Kenwood, N.Y.—Sq. miles, 59.00; 1890; Sec. ft. per sq. mile, 41.20; U.S. B. Engrs. D.W. 1899.

Camden Creek, Camden, N.Y.—Sq. miles, 61.40; June, 1899; Sec. ft. per sq. mile, 24.10; U.S. B. Engrs. D.W., 1899.

Nine-Mile Creek, Stittville, N.Y.—Sq. miles, 62.50; Aug., 1898; Sec. ft. per sq. mile, 124.90; U.S. B. Engrs. D.W., 1899.

Otter Creek, N.Y., Cassel Mills—Sq. miles, 63.00; 1869; Sec. ft. per sq. mile, 30.90; Rept. N.Y. Barge Canal, 1901.

Wissahickon Creek, Philadelphia, Pa.—Sq. miles, 64.60; 1898; Sec. ft. per sq. mile, 43.50; U.S. Geol. Surv. 20th Ann. Report.

Musconetcong Creek, Saxton Falls, N.J.—Sq. miles, 68.00; Sec. ft. per sq. mile, 15.90; Rept. N.J. Geol. Sur., 1894, pt. 3.

Sandy Creek, So. Branch, Allendale, N.Y.—Sq. miles, 68.40; 1891; Sec. ft. per sq. mile, 87.70; U.S. B. Engrs. D.W. 1899.

Rock Creek, Georgetown, D.C.—Sq. miles, 77.50; Sec. ft. per sq. mile, 126.30; Tech. Quar. 1891; Trans. A.S.C.E. Vol. 10, 242.

Sudbury River, Framingham, Mass.—Sq. miles, 78.00; 1897; Sec. ft. per sq. mile, 41.38; Eng. Water Dept. city of Boston.

Pequannock River, Pompton, N.J.—Sq. miles, 78.00; March, 1902; Sec. ft. per sq. mile, 55.78; U.S. Geol. Sur. (unpublished).

Hockanum River, Connecticut—Sq. miles, 79.00; Sec. ft. per sq. mile, 78.10; Ch. U.S. Engr. Corps, 1878.

Nashua River, Mass.—Sq. miles, 84.50; 1850; Sec. ft. per sq. mile, 71.04; Trans. Am. Soc. C.E. Vol. 4.

Pequannock River, Riverdale, N.J.—Sq. miles, 84.70; Sec. ft. per sq. mile, 52.50; Rept. N.Y. Barge Canal, 1901.

Passaic River, Chatham, N.J.—Sq. miles, 100.00; Oct. 11, 1903; Sec. ft. per sq. mile, 17.20; U.S. Geol. Sur. (unpublished).

These records are meagre and somewhat unsatisfactory, but appear to be as reliable as any data available at the present time. It appears that the maximum rate of run-off recorded from any watershed was 228.6 cubic feet per second per square mile. This run-off was from the watershed, thirty-five miles in extent, of the Sawkill River, near Kingston, N.Y.

The storm causing this run-off and the discharge of the river are commented upon as follows in Water Supply and Irrigation Paper of the U.S. Geological Survey, No. 35, p. 61:—

"In April, 1895, the mountains being covered with snow twelve inches deep, there occurred a south wind and light rain for two days, followed by twelve hours of very heavy rain. On the evening of April 4th the water in Reservoir