UNITED STATES
DEPARTMENT OF THE INTERIOR
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MAP SHOWING SELECTED EXTREME-STREAMFLOW STATISTICS AND DRAINAGE AREAS, GREATER PITTSBURGH REGION, PENNSYLVANIA

By
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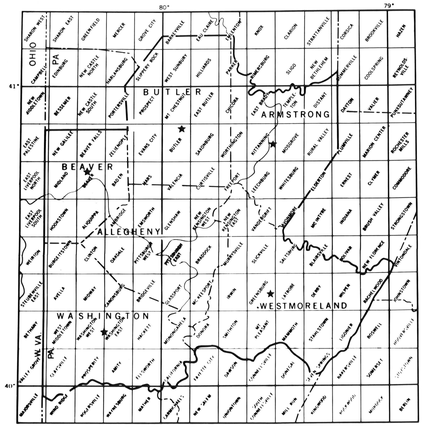
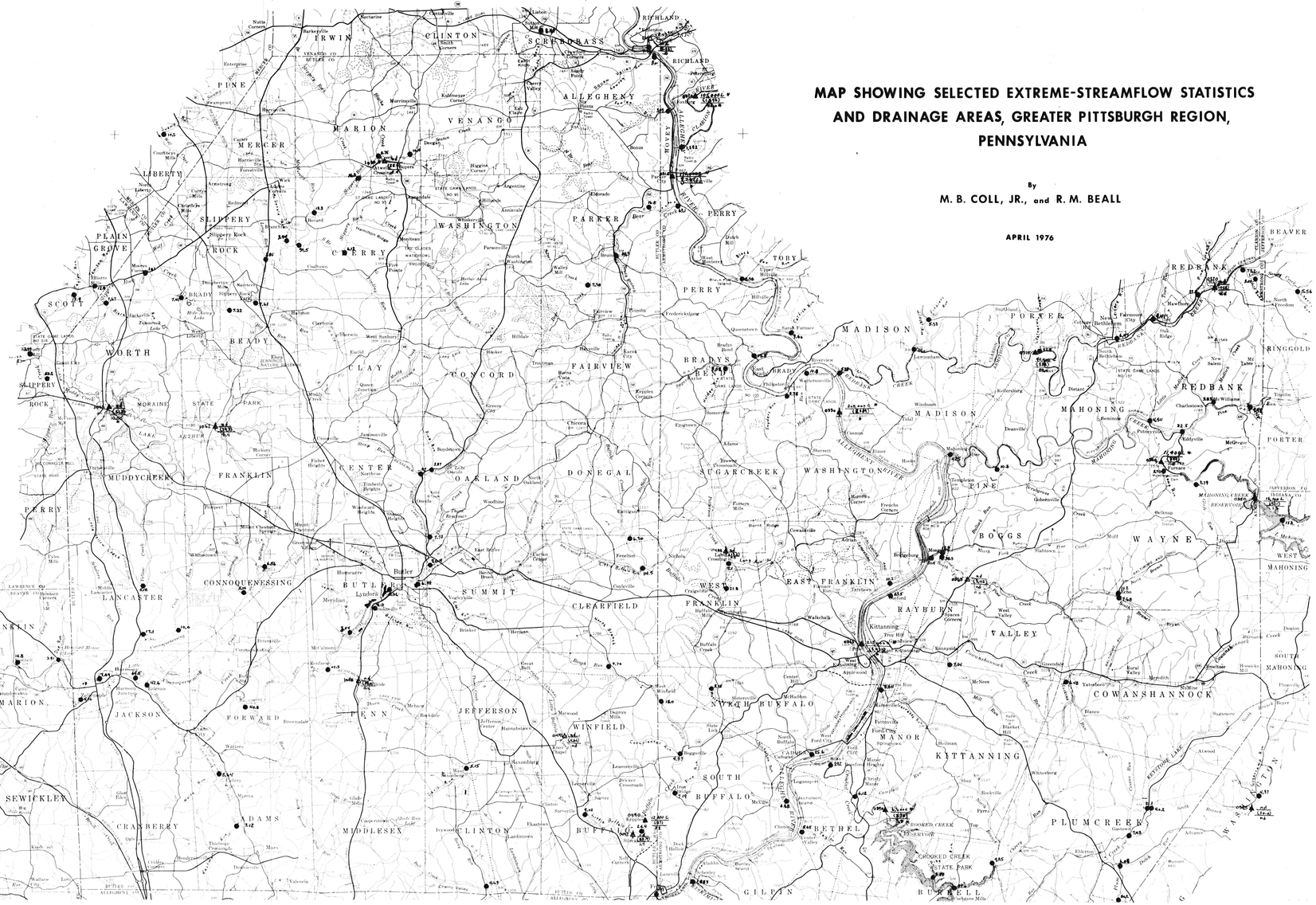


INDEX MAP of the Greater Pittsburgh Region showing counties and 7½-minute quadrangle topographic map names



EXPLANATION

This map serves as a summary guide to extreme-flow statistics and drainage-area data for streams in the Greater Pittsburgh Region, Penna.

Peak flood discharges of 100-year (or 50-year) recurrence interval and 7-day, 10-year low-flow discharges are displayed on the map for those gaging sites for which there are sufficient streamflow records to permit calculation of trustworthy flow statistics. Drainage-area values are shown for all stream-gaging sites and for all named streams draining more than 3 square miles (mi^2). Stream names added to this map are from 1:24,000-scale quadrangle maps (See upper left.).

Recurrence interval, as applied to streamflow statistics, means the average interval of time between discharges of the indicated magnitude and type. For example, a 100-year flood discharge is the instantaneous flow that has 1-percent chance, or 0.01 probability, of occurrence in any year. Similarly, a 7-day, 10-year low-flow discharge is the low average flow for 7-day periods that has 10-percent chance (0.1 probability) of occurrence in any year. Discharge values are reported in cubic feet per second (ft^3/s). Flow statistics for pre-regulation conditions on regulated streams are not followed by the asterisk (*) symbol.

Additional extreme-flow statistics and drainage information can be obtained from the following source references:

Shaw, L. C. and Busch, W. B., 1970, Pennsylvania gazetteer of streams, part 1: Commonwealth of Pennsylvania, Department of Forests and Waters, Water Resources Bull. 6, 280 p.

Flippo, H. N., Jr., 1976, Floods in Pennsylvania- a manual for estimation of their magnitude and frequency: Commonwealth of Pennsylvania, Department of Environmental Resources, Water Resources Bull. , (in press).