WEST BRANCH SUSQUEHANNA RIVER BASIN
01547700 MARSH CREEK AT BLANCHARD, PA

LOCATION.--Lat 41°03'34", long 77°36'22", Centre County, Hydrologic Unit 02050204, on right bank 20 ft downstream from highway bridge on SR 1002, 0.5 mi southwest of Blanchard, 0.6 mi downstream from bridge on State Highway 150, and 0.6 mi upstream from mouth.

DRAINAGE AREA.--44.1 mi².

PERIOD OF RECORD.--October 1955 to current year.

REVISED RECORDS.--WDR PA-72-1: 1971 (runoff in CFSM and inches).

GAGE.--Water-stage recorder. Datum of gage is 586.16 ft above sea level. Prior to Aug. 31, 1956, nonrecording gage at site 20 ft upstream at same datum.

REMARKS.--No estimated daily discharges. Records good. Several measurements of water temperature were made during the year. Satellite telemetry at station.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than a base discharge of 450 ft³/s and maximum (*):
WEST BRANCH SUSQUEHANNA RIVER BASIN

01547700 MARSH CREEK AT BLANCHARD, PA--Continued

SUMMARY STATISTICS FOR 1999 CALENDAR YEAR FOR 2000 WATER YEAR WATER YEARS 1956 - 2000

ANNUAL TOTAL 11961.66 14101.8
ANNUAL MEAN 32.8 38.5 59.1
HIGHEST ANNUAL MEAN 102 1972
LOWEST ANNUAL MEAN 28.6 1965
HIGHEST DAILY MEAN 573 Mar 4 566 Apr 18 3800 Jun 23 1972
LOWEST DAILY MEAN .35 Aug 8 1.4 Sep 9,10,23 .00 Aug 30 1966
ANNUAL SEVEN-DAY MINIMUM .37 Aug 2 1.6 Sep 5 .07 Aug 27 1966
INSTANTANEOUS PEAK FLOW 694 Apr 18 6900 Jun 18 1984
INSTANTANEOUS PEAK STAGE 4.02 Apr 18 7.85 Jun 18 1984
ANNUAL RUNOFF (CFSM) .74 .87 1.34
ANNUAL RUNOFF (INCHES) 10.09 11.90 18.22
10 PERCENT EXCEEDS 90 94 141
50 PERCENT EXCEEDS 7.8 15 26
90 PERCENT EXCEEDS .84 2.7 3.6

a From rating curve extended above 4,900 ft³/s.

DAILY MEAN DISCHARGE, IN CUBIC FEET PER SECOND

1-YEAR HYDROGRAPH
OCTOBER 1, 1999 TO SEPTEMBER 30, 2000