

Water-Data Report 2007

15285000 WASILLA CREEK NEAR PALMER, AK

Susitna River Basin
Lower Susitna River Subbasin

LOCATION.--Lat 61°38'37", long 149°11'46" referenced to North American Datum of 1927, in SE ¼ SW ¼ sec.13, T.18 N., R.1 E., Matanuska-Susitna Borough, AK, Hydrologic Unit 19020505, (Anchorage C-6 quad), on right bank 20 ft downstream from culverts on Palmer-Fishhook Road, and 4.1 mi northeast of Palmer. An auxiliary CSG is located on the right bank 65 ft upstream of the road culverts.

DRAINAGE AREA.--16.8 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--1971, 1976 to current year.

REMARKS.--

Discharge measured previously (water years): 1971, 1976-2006.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 700 ft³/s, August 10, 1971, gage-height 17.74 ft, at different site and datum.

**DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Date	Discharge, in ft ³ /s	Gage height, in ft
Oct 11, 2006	60.9	7.43
Apr 24, 2007	41.7	7.37
Jun 25, 2007	9.64	6.87
Sep 10, 2007	34.9	7.19

**MAXIMUM PEAK DISCHARGE
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Date	Discharge, in ft ³ /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
Oct 10, 2006	221	---	8.25	---
Apr 18, 2007	64	9	7.49	---

Discharge qualification code:

9 - Discharge due to snowmelt, hurricane, ice-jam or debris dam breakup