

SOUTH-CENTRAL ALASKA

15283600 PREMIER CREEK NEAR SUTTON

LOCATION.--Lat 61°42'40", Long 149°05'12", in SE¹/₄ NE¹/₄ sec. 28, T. 19 N., R. 2 E. (Anchorade C-6 quad), Matanuska-Susitna Borough, on left bank 10 ft downstream from culvert on Buffalo Mine Road (called Moose Creek Road on Anchorage C-6 quad), 4 mi north from the Glenn Highway, 6 mi west of Sutton, and 7 mi northeast of Palmer.

DRAINAGE AREA.--3.38 mi².

TRIBUTARY TO.--Moose Creek.

PERIOD OF RECORD.--1997 to current year.

DISCHARGE MEASURED PREVIOUSLY (WATER YEARS).--1996-2004.

Water year 2005 Measurements		
Date	Gage Height (ft)	Discharge (ft ³ /s)
10-01-04	6.88	17
04-29-05	7.29	42
05-09-05	6.58	10
07-08-05	6.47	6.4

Water year 2005 maximum			Period of record maximum		
Date	Gage height (ft)	Discharge (ft ³ /s)	Date	Gage height (ft)	Discharge (ft ³ /s)
10-01-04	7.65	R/157	10-01-04	7.65	157
04-28-05	7.64	S/154			

R/ Rainfall
S/ Spring runoff