

Water-Data Report 2008

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 Palmer-Fishhook Road, and 4.1 mi northeast of Palmer.

DRAINAGE AREA.--16.8 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Annual Maximums 1971, 1976 to 2007. June 2008 to September 2008

GAGE.--Water-stage recorder. Elevation of gage is 500 ft. above sea level, from topographic map.

REMARKS.--Discharge measured previously (water years):Annual Maximums 1971, 1976-2007. June 2008 to September 2008.

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

EXTREMES FOR CURRENT YEAR.--Maximum discharge during period June to September, 44 ft³/sec, August 10, gage height 8.81 ft.

15285000 WASILLA CREEK NEAR PALMER, AK—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	19	14	19	15
2	---	---	---	---	---	---	---	---	19	13	17	14
3	---	---	---	---	---	---	---	---	19	12	17	13
4	---	---	---	---	---	---	---	---	18	12	16	13
5	---	---	---	---	---	---	---	---	17	12	16	13
6	---	---	---	---	---	---	---	---	17	13	15	13
7	---	---	---	---	---	---	---	---	17	13	16	13
8	---	---	---	---	---	---	---	---	16	13	17	13
9	---	---	---	---	---	---	---	---	16	12	23	15
10	---	---	---	---	---	---	---	---	15	11	41	16
11	---	---	---	---	---	---	---	---	15	11	30	15
12	---	---	---	---	---	---	---	---	15	11	25	15
13	---	---	---	---	---	---	---	---	14	10	22	14
14	---	---	---	---	---	---	---	---	16	10	20	14
15	---	---	---	---	---	---	---	---	17	9.6	19	15
16	---	---	---	---	---	---	---	---	16	9.4	19	14
17	---	---	---	---	---	---	---	---	15	10	21	25
18	---	---	---	---	---	---	---	---	15	13	19	24
19	---	---	---	---	---	---	---	---	14	13	17	22
20	---	---	---	---	---	---	---	---	14	12	16	25
21	---	---	---	---	---	---	---	---	14	12	16	26
22	---	---	---	---	---	---	---	---	20	12	16	24
23	---	---	---	---	---	---	---	---	22	16	16	22
24	---	---	---	---	---	---	---	---	26	20	16	25
25	---	---	---	---	---	---	---	---	22	17	16	25
26	---	---	---	---	---	---	---	---	19	18	16	21
27	---	---	---	---	---	---	---	---	17	24	15	20
28	---	---	---	---	---	---	---	---	16	26	16	20
29	---	---	---	---	---	---	---	---	15	28	19	18
30	---	---	---	---	---	---	---	---	14	23	17	18
31	---	---	---	---	---	---	---	19	---	21	15	---
Total	---	---	---	---	---	---	---	---	509	451.0	583	540
Mean	---	---	---	---	---	---	---	---	17.0	14.5	18.8	18.0
Max	---	---	---	---	---	---	---	---	26	28	41	26
Min	---	---	---	---	---	---	---	---	14	9.4	15	13
Ac-ft	---	---	---	---	---	---	---	---	1,010	895	1,160	1,070
Cfsm	---	---	---	---	---	---	---	---	1.01	0.87	1.12	1.07
In.	---	---	---	---	---	---	---	---	1.13	1.00	1.29	1.20

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