

SOUTHEAST ALASKA

15024800 STIKINE RIVER NEAR WRANGELL (International gaging station)

LOCATION.--Lat 56°42'29", long 132°07'49", in SE¹/₄ SE¹/₄ sec. 35, T. 59 S., R. 84 E. (Petersburg C-1 quad), Hydrologic Unit 19010201, on right bank about 10 mi upstream from mouth near Point Rothsay, 11 mi west of Alaska-British Columbia boundary, and 18 mi northeast of Wrangell.

DRAINAGE AREA.--19,920 mi², approximately.

PERIOD OF RECORD.--July 1976 to current year.

REVISED RECORDS.--WDR AK-78-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 25 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated daily discharges during periods of ice effect. GOES satellite telemetry at station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005												
DAY	DAILY MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	48900	28700	18600	e12500	e9100	e9700	e11400	59700	152000	129000	90600	88900
2	45400	32800	31700	e11500	e8950	e10000	e11500	54700	149000	133000	86500	74100
3	44400	34600	58900	e10500	e8800	e10300	e11600	53300	149000	133000	87700	67600
4	43500	57300	42100	e10000	e8650	e10700	e12100	54500	146000	140000	97200	63600
5	68700	42900	28800	e9500	e8500	e11100	e12200	56400	142000	149000	108000	59400
6	94800	32300	e20500	e9000	e8500	e11500	e12300	58500	136000	147000	108000	63600
7	101000	26100	e17000	e8600	e8550	e11800	e12500	62700	135000	e140000	102000	92200
8	77400	22800	e14000	e8300	e8600	e12300	e12800	68100	145000	e132000	98300	111000
9	64100	20400	e13000	e7900	e8650	e12500	e13100	74200	152000	e129000	101000	96800
10	62500	e17500	e13000	e7500	e8700	e12700	e13700	82200	150000	e125000	109000	84900
11	61000	e16000	e15000	e7500	e8750	e12900	e14000	91700	144000	e124000	114000	74400
12	54300	e16000	e16000	e7700	e8600	e13000	e14600	99900	141000	121000	123000	70900
13	116000	e16400	e15000	e7900	e8500	e12900	e14200	106000	134000	117000	131000	74800
14	126000	e18000	e15000	e8100	e8400	e12700	e13600	115000	131000	116000	131000	81300
15	93300	e20500	e17000	e8300	e8300	e12500	13700	134000	136000	123000	128000	69800
16	74900	e21300	e24000	e8400	e8200	e12300	13600	137000	132000	121000	116000	62500
17	62500	20300	e34000	e8500	e8100	e12100	13700	134000	132000	121000	103000	57900
18	52900	18400	e41000	e8600	e8000	e11900	14100	131000	139000	132000	105000	80900
19	44600	16700	77800	e8700	e7900	e11700	17500	127000	149000	123000	135000	99400
20	37600	20100	54700	e8820	e7800	e11500	21100	128000	150000	110000	160000	78000
21	33000	53200	36900	e8900	e7900	e11400	22800	125000	147000	105000	138000	60000
22	30700	41500	28800	e8950	e8050	e11300	25600	120000	137000	105000	113000	50900
23	29000	29400	28000	e9000	e8200	e11200	28200	116000	125000	110000	99700	45500
24	27800	25900	38200	e9020	e8400	e10900	33200	118000	112000	110000	86800	48800
25	26800	24100	35200	e9050	e8600	e10900	41400	122000	107000	104000	86000	64200
26	25100	22600	e23200	e9080	e8800	e11000	50700	124000	113000	98800	97500	59000
27	24800	20700	e21000	e9120	e9100	e11100	61700	131000	121000	104000	97900	48800
28	25600	19300	e18000	e9150	e9400	e11200	72000	140000	129000	121000	85000	69300
29	33700	18700	e16000	e9170	---	e11200	74800	145000	132000	118000	80800	93900
30	35200	18500	e14500	e9200	---	e11300	68000	146000	133000	104000	83900	77100
31	30300	---	e13500	e9210	---	e11400	---	151000	---	94400	94700	---
TOTAL	1695800	773000	840400	277670	238000	359000	751700	3265900	4100000	3739200	3297600	2169500
MEAN	54700	25770	27110	8957	8500	11580	25060	105400	136700	120600	106400	72320
MAX	126000	57300	77800	12500	9400	13000	74800	151000	152000	149000	160000	111000
MIN	24800	16000	13000	7500	7800	9700	11400	53300	107000	94400	80800	45500
MED	45400	21000	21000	8950	8520	11400	14100	118000	137000	121000	102000	70300
AC-FT	3364000	1533000	1667000	550800	472100	712100	1491000	6478000	8132000	7417000	6541000	4303000
CFSM	2.75	1.29	1.36	0.45	0.43	0.58	1.26	5.29	6.86	6.06	5.34	3.63
IN.	3.17	1.44	1.57	0.52	0.44	0.67	1.40	6.10	7.66	6.98	6.16	4.05

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1976 - 2005, BY WATER YEAR (WY)#

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005			
MEAN	57240	24520	14420	11460	9149	10020	17010	68270	135200	134100	106900	79870																					
MAX	113300	58280	27110	39450	19080	42340	31960	119100	199900	163800	134200	128600																					
(WY)	1987	1979	2005	1981	1977	1992	1992	1993	1992	1985	1977	1981																					
MIN	30590	10010	5593	5958	5111	4719	7292	32260	103400	109100	76770	50760																					
(WY)	1986	1986	1997	1978	1999	1978	2002	1982	1978	1983	1995	1986																					

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR			FOR 2005 WATER YEAR			WATER YEARS 1976 - 2005#					
ANNUAL TOTAL	21293400			21507770								
ANNUAL MEAN	58180			58930			55870					
HIGHEST ANNUAL MEAN							72870					
LOWEST ANNUAL MEAN							42100					
HIGHEST DAILY MEAN	199000			Jun 25			160000			Aug 20		
LOWEST DAILY MEAN	a5700			Feb 4			b7500			Jan 10		
ANNUAL SEVEN-DAY MINIMUM	5800			Feb 2			7840			Jan 8		
MAXIMUM PEAK FLOW							165000			Aug 20		
MAXIMUM PEAK STAGE							22.21			Aug 20		
ANNUAL RUNOFF (AC-FT)	42240000			42660000			40470000					
ANNUAL RUNOFF (CFSM)	2.92			2.96			2.80					
ANNUAL RUNOFF (INCHES)	39.76			40.17			38.10					
10 PERCENT EXCEEDS	138000			132000			136000					
50 PERCENT EXCEEDS	35800			42900			32000					
90 PERCENT EXCEEDS	7000			8800			7300					

See Period of Record; partial year was used in monthly statistics
a Feb. 4-6
b Jan. 10 and 11
e Estimated