Water-Data Report 2012

15024800 STIKINE RIVER NEAR WRANGELL, AK

Central Southeast Alaska Basin
Mainland Subbasin

LOCATION.--Lat 56°42′29″, long 132°07′49″ referenced to North American Datum of 1927, in SE ¼ SE ¼ sec.35, T.59 S., R.84 E., Wrangell-Petersburg Division, AK, Hydrologic Unit 19010201, (Petersburg C-1 quad), 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 mi^2.

SURFACE-WATER RECORDS

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 good except for estimated daily discharges which are poor. GOES satellite telemetry at station.

Suggested citation: U.S. Geological Survey, 2013, Water-resources data for the United States, Water Year 2012: U.S. Geological Survey Water-Data Report WDR-US-2012, site 15024800, accessed at http://wdr.water.usgs.gov/wy2012/pdfs/15024800.2012.pdf

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	70,200	43,400	e12,000	e10,500	e10,000	e6,800	e7,800	34,000	98,700	141,000	126,000	78,000
2	59,900	47,600	e13,000	e10,500	e10,500	e6,800	e7,900	36,800	96,200	128,000	115,000	75,500
3	53,700	39,000	e13,000	e11,000	e10,500	e6,700	e8,000	37,700	93,800	119,000	112,000	74,800
4	49,800	32,200	e14,000	e11,500	e10,500	e6,700	8,100	36,800	92,200	115,000	127,000	75,400
5	47,600	28,900	e15,000	e12,000	e10,500	e6,600	8,200	35,700	93,200	113,000	128,000	80,100
6	45,400	26,100	e16,000	e12,000	e10,500	e6,600	8,300	36,600	98,500	112,000	121,000	78,300
7	44,300	25,400	e15,000	e12,000	e10,000	e6,600	8,400	41,800	106,000	115,000	121,000	81,200
8	43,600	25,200	e14,000	e12,000	e10,000	e6,700	8,500	50,000	119,000	124,000	127,000	76,400
9	46,200	23,900	e14,000	e11,500	e10,000	e6,800	9,000	48,800	141,000	126,000	139,000	118,000
10	45,200	23,100	e13,000	e11,500	e10,000	e7,000	9,800	43,100	152,000	141,000	127,000	137,000
11	42,000	22,600	e13,000	e11,000	e9,800	e7,000	10,900	39,900	150,000	157,000	105,000	104,000
12	42,000	23,200	e12,000	e10,500	e9,600	e6,800	12,700	39,200	153,000	145,000	98,000	109,000
13	45,400	25,400	e12,000	e10,500	e9,400	e6,600	15,100	40,200	154,000	136,000	97,200	141,000
14	43,800	23,300	e11,500	e10,000	e9,200	e6,500	17,200	40,000	143,000	139,000	98,400	180,000
15	40,200	21,900	e11,000	e9,800	e9,000	e6,500	18,600	39,400	128,000	149,000	98,000	146,000
16	39,200	21,100	e11,000	e9,700	e8,800	e6,400	20,000	38,700	128,000	152,000	101,000	104,000
17	39,700	19,200	e11,000	e9,500	e8,600	e6,400	22,800	36,900	129,000	157,000	100,000	83,100
18	68,500	e17,000	e11,000	e9,300	e8,400	e6,300	24,400	36,200	131,000	146,000	105,000	77,200
19	76,500	e16,000	e11,500	e9,100	e8,300	e6,200	25,100	36,500	141,000	132,000	114,000	71,100
20	56,700	e15,000	e12,000	e9,200	e8,200	e6,200	26,300	38,000	157,000	127,000	116,000	66,800
21	48,000	e15,000	e12,000	e9,300	e8,100	e6,100	26,300	40,300	152,000	140,000	109,000	74,100
22	45,400	e14,000	e12,000	e9,400	e8,000	e6,100	25,200	46,200	160,000	149,000	99,100	78,500
23	45,900	e14,000	e12,500	e9,500	e7,800	e6,000	24,500	54,500	179,000	143,000	92,500	76,800
24	43,300	e13,000	e13,000	e9,700	e7,500	e6,000	24,500	63,500	205,000	146,000	86,300	80,100
25	39,200	e13,000	e13,000	e9,500	e7,200	e6,000	25,000	77,300	222,000	144,000	82,400	70,600
26	42,300	e12,000	e12,500	e9,400	e7,000	e6,000	28,500	93,000	218,000	142,000	80,200	62,100
27	42,700	e12,000	e12,000	e9,300	e6,900	e6,000	32,100	99,400	197,000	144,000	79,900	91,100
28	40,400	e11,000	e11,500	e9,500	e6,800	e6,400	32,400	98,700	172,000	148,000	88,800	116,000
29	44,200	e11,000	e11,000	e9,600	e6,800	e6,800	31,500	98,800	158,000	138,000	104,000	92,600
30	52,300	e11,000	e11,000	e9,800	---	e7,100	32,200	97,500	151,000	124,000	96,300	83,200
31	48,800	---	e10,500	e10,000	---	e7,600	---	98,100	---	123,000	84,400	---
Total	1,492,400	645,500	386,000	318,100	257,900	202,300	559,300	1,653,600	4,318,600	4,215,000	3,278,500	2,782,000
Mean	48,140	21,520	12,450	10,260	8,893	6,526	18,640	53,340	144,000	136,000	105,800	92,730
Max	76,500	47,600	16,000	12,000	10,500	7,600	32,400	99,400	222,000	157,000	139,000	180,000
Min	39,200	11,000	10,500	9,100	6,800	6,000	7,800	34,000	92,200	112,000	79,900	62,100
Med	45,400	21,500	12,000	9,800	9,000	6,600	19,300	40,200	147,000	140,000	104,000	80,100
Ac-ft	2,960,000	1,280,000	765,600	631,000	511,500	401,300	1,109,000	3,280,000	8,566,000	8,360,000	6,503,000	5,518,000
Cfsm	2.42	1.08	0.63	0.52	0.45	0.33	0.94	2.68	7.23	6.83	5.31	4.66
In.	2.79	1.21	0.72	0.59	0.48	0.38	1.04	3.09	8.06	7.87	6.12	5.20

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1976 - 2012, BY WATER YEAR (WY)#

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	55,760	24,370	14,270	11,120	9,010	9,661	16,610	67,730	136,700	133,200	106,100	82,010
Max	113,300	58,280	28,630	39,450	19,080	42,340	31,960	119,100	199,900	168,900	134,200	139,600
(WY)	(1987)	(1979)	(2006)	(1981)	(1977)	(1992)	(1992)	(1993)	(1992)	(2007)	(1977)	(2011)
Min	30,590	10,010	5,593	5,958	5,111	4,719	7,292	32,260	103,400	101,600	76,770	50,760
(WY)	(1986)	(1986)	(1997)	(1978)	(1999)	(1978)	(2002)	(1982)	(1978)	(2010)	(1995)	(1986)

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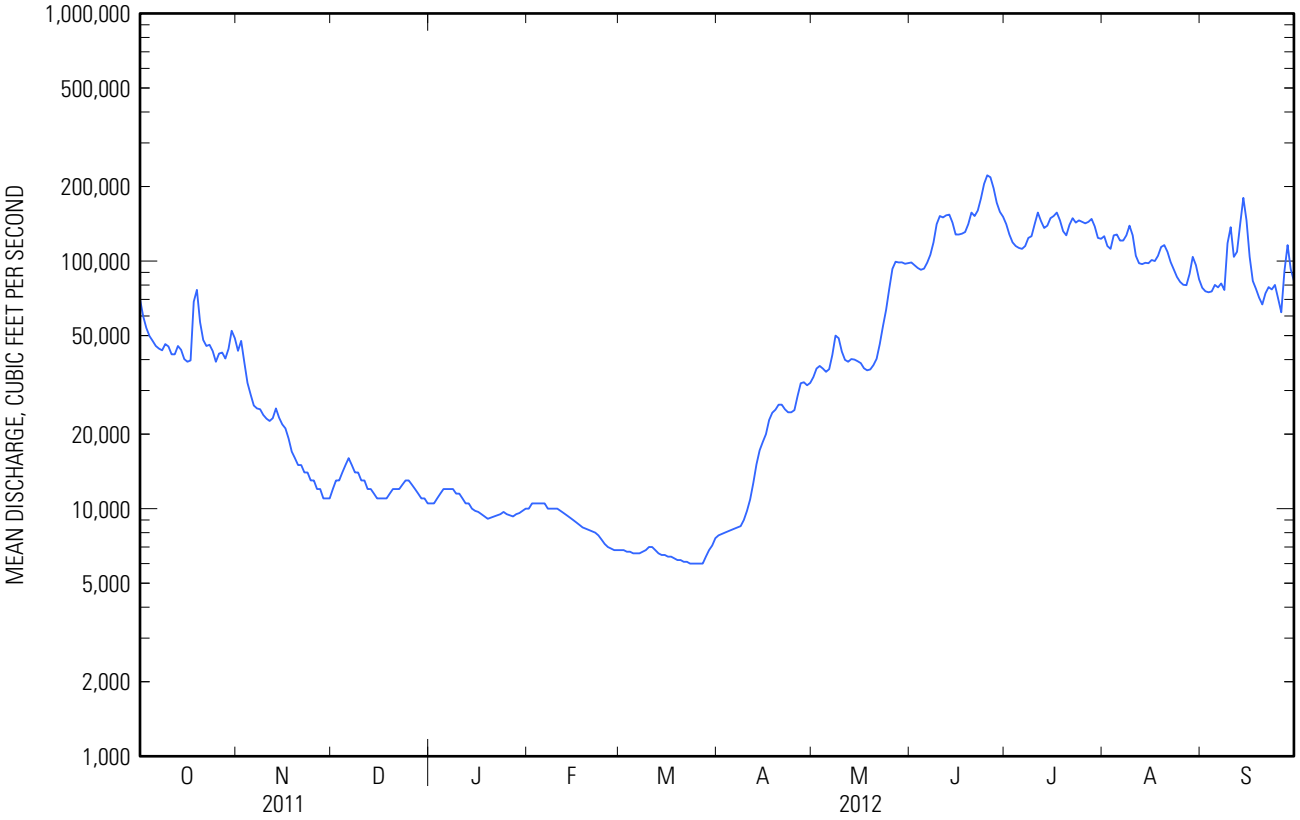
SUMMARY STATISTICS

	Calendar Year 2011		Water Year 2012		Water Years 1976 – 2012#	
Annual total	20,545,080		20,109,200			
Annual mean	56,290		54,940		55,730	
Highest annual mean					72,870	1981
Lowest annual mean					42,100	1978
Highest daily mean	340,000	Sep 10	222,000	Jun 25	340,000	Sep 10, 2011
Lowest daily mean	5,190	Mar 11	6,000	Mar 23	4,000	Feb 12, 1988
Annual seven-day minimum	5,280	Mar 10	6,030	Mar 21	4,090	Mar 8, 1999
Maximum peak flow			226,000	Jun 26	351,000	Sep 23, 1994
Maximum peak stage			25.56	Jun 26	30.60	Sep 23, 1994
Annual runoff (ac-ft)	40,750,000		39,890,000		40,370,000	
Annual runoff (cfsm)	2.83		2.76		2.80	
Annual runoff (inches)	38.37		37.55		38.01	
10 percent exceeds	133,000		140,000		135,000	
50 percent exceeds	26,100		36,600		31,800	
90 percent exceeds	6,530		7,570		7,300	

See Period of Record; partial year used in monthly statistics