

Water-Data Report 2012

15129120 ALSEK R AT DRY BAY NR YAKUTAT AK

Gulf of Alaska Basin
Yakutat Bay Subbasin

LOCATION.--Lat 59°11'26", long 138°19'36" referenced to North American Datum of 1927, in SE ¼ NW ¼ NW ¼ sec.35, T.31 S., R.42 E., City & Borough of Yakutat, AK, Hydrologic Unit 19010401.

DRAINAGE AREA.--

SURFACE-WATER RECORDS

PERIOD OF RECORD.--July 2011 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 63 ft above sea level, from topographic map.

REMARKS.--Records are good. GOES satellite telemetry at station.

15129120 ALSEK R AT DRY BAY NR YAKUTAT AK—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES

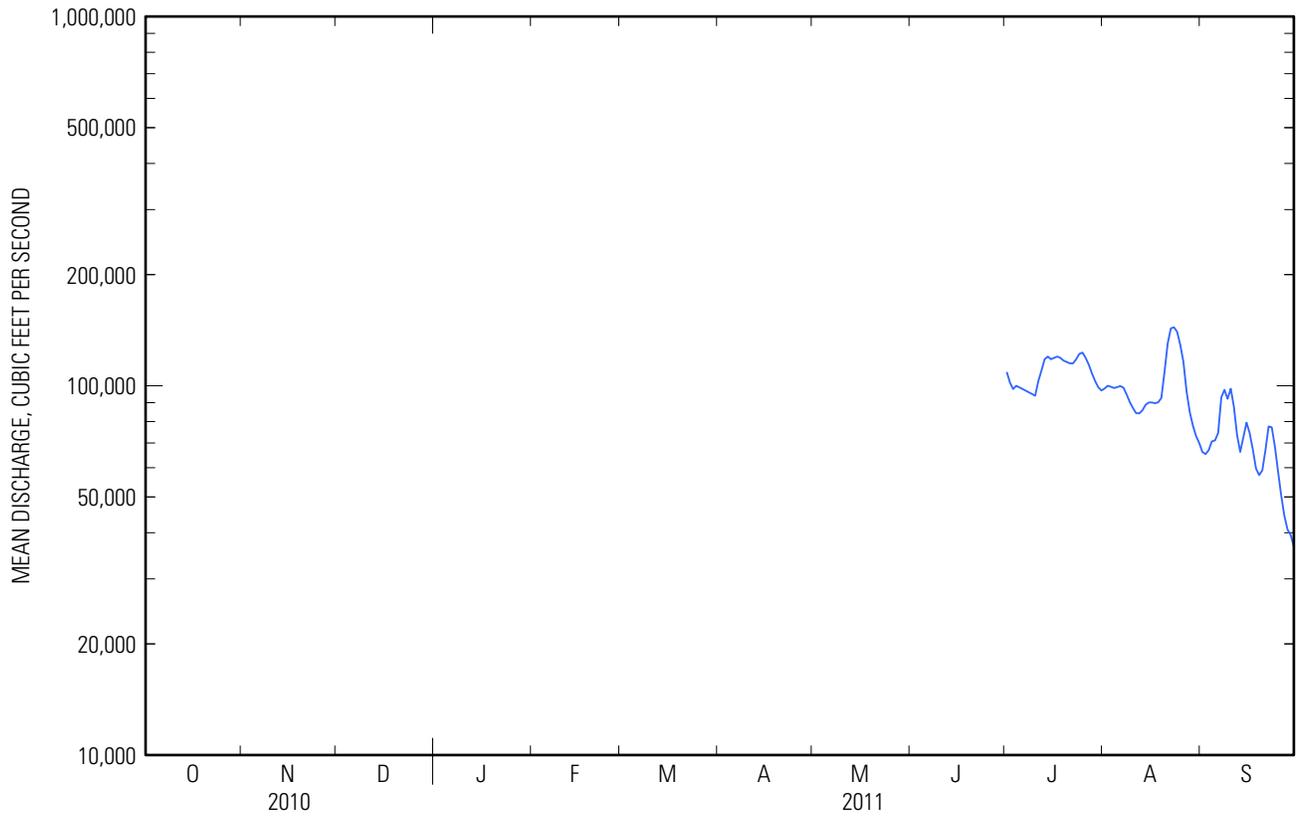
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	e109,000	98,300	66,200
2	---	---	---	---	---	---	---	---	---	e102,000	100,000	65,300
3	---	---	---	---	---	---	---	---	---	e98,000	99,400	66,900
4	---	---	---	---	---	---	---	---	---	e100,000	98,600	70,700
5	---	---	---	---	---	---	---	---	---	e99,000	99,200	71,100
6	---	---	---	---	---	---	---	---	---	e98,000	99,800	74,500
7	---	---	---	---	---	---	---	---	---	e97,000	98,800	93,000
8	---	---	---	---	---	---	---	---	---	e96,000	94,700	97,500
9	---	---	---	---	---	---	---	---	---	e95,000	90,300	92,200
10	---	---	---	---	---	---	---	---	---	e94,000	87,000	98,200
11	---	---	---	---	---	---	---	---	---	e103,000	84,300	87,700
12	---	---	---	---	---	---	---	---	---	e110,000	84,200	73,500
13	---	---	---	---	---	---	---	---	---	e118,000	85,800	66,200
14	---	---	---	---	---	---	---	---	---	e120,000	88,800	72,600
15	---	---	---	---	---	---	---	---	---	118,000	90,100	79,500
16	---	---	---	---	---	---	---	---	---	119,000	90,100	74,400
17	---	---	---	---	---	---	---	---	---	120,000	89,700	67,200
18	---	---	---	---	---	---	---	---	---	119,000	90,200	59,700
19	---	---	---	---	---	---	---	---	---	117,000	92,700	57,300
20	---	---	---	---	---	---	---	---	---	116,000	109,000	59,000
21	---	---	---	---	---	---	---	---	---	115,000	130,000	67,000
22	---	---	---	---	---	---	---	---	---	115,000	143,000	77,600
23	---	---	---	---	---	---	---	---	---	118,000	144,000	77,200
24	---	---	---	---	---	---	---	---	---	122,000	140,000	68,400
25	---	---	---	---	---	---	---	---	---	123,000	129,000	58,500
26	---	---	---	---	---	---	---	---	---	119,000	116,000	50,400
27	---	---	---	---	---	---	---	---	---	114,000	96,400	44,400
28	---	---	---	---	---	---	---	---	---	108,000	84,900	40,800
29	---	---	---	---	---	---	---	---	---	103,000	78,000	39,400
30	---	---	---	---	---	---	---	---	---	99,100	73,100	36,700
31	---	---	---	---	---	---	---	---	---	97,100	70,000	---
Total	---	---	---	---	---	---	---	---	---	3,381,200	3,075,400	2,053,100
Mean	---	---	---	---	---	---	---	---	---	109,100	99,210	68,440
Max	---	---	---	---	---	---	---	---	---	123,000	144,000	98,200
Min	---	---	---	---	---	---	---	---	---	94,000	70,000	36,700
Med	---	---	---	---	---	---	---	---	---	110,000	94,700	67,800
Ac-ft	---	---	---	---	---	---	---	---	---	6,707,000	6,100,000	4,072,000

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2011 - 2011, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	---	---	---	---	---	---	---	---	---	109,100	99,210	68,440
Max	---	---	---	---	---	---	---	---	---	109,100	99,210	68,440
(WY)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(2011)	(2011)	(2011)
Min	---	---	---	---	---	---	---	---	---	109,100	99,210	68,440
(WY)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(2011)	(2011)	(2011)

15129120 ALSEK R AT DRY BAY NR YAKUTAT AK—Continued



15129120 ALSEK R AT DRY BAY NR YAKUTAT AK—Continued

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	34,200	22,200	9,200	9,920	e7,220	6,580	5,840	13,700	44,200	105,000	122,000	81,500
2	31,100	23,600	10,400	9,710	7,190	6,580	5,900	14,500	44,200	96,800	117,000	82,000
3	27,400	21,700	11,500	9,390	7,320	6,680	5,830	15,000	44,500	88,500	118,000	80,000
4	25,400	19,600	12,100	9,080	7,760	6,690	5,810	15,200	44,500	83,400	120,000	82,100
5	23,500	17,800	16,100	8,790	8,040	e6,600	5,800	15,400	44,600	81,400	117,000	86,800
6	22,000	16,200	18,800	8,600	7,960	6,460	5,820	15,500	46,100	79,800	114,000	96,100
7	22,300	15,800	18,200	8,700	7,860	6,420	5,830	16,200	49,700	80,700	122,000	100,000
8	23,100	15,200	18,200	9,310	7,610	6,520	5,850	16,900	55,900	81,900	132,000	97,900
9	22,900	14,200	21,000	9,890	7,470	6,520	5,900	17,600	65,800	83,800	142,000	87,900
10	22,000	13,300	20,600	9,880	7,460	6,450	5,920	17,900	74,600	86,200	148,000	77,500
11	21,200	12,500	18,800	9,760	7,610	6,350	5,910	18,700	77,600	87,900	140,000	67,900
12	20,100	12,000	17,400	9,890	7,830	6,290	5,910	20,400	79,300	85,200	124,000	61,800
13	19,400	11,700	16,400	9,810	7,880	6,190	5,990	21,600	78,000	83,000	117,000	59,700
14	18,900	11,300	15,300	9,580	7,770	6,090	6,110	22,000	73,700	82,000	115,000	57,600
15	18,900	10,900	14,200	e9,350	7,740	6,050	6,280	21,700	68,700	84,800	115,000	56,700
16	19,700	10,800	13,500	e9,170	7,710	5,950	6,470	20,600	65,400	89,700	114,000	56,500
17	19,600	10,400	13,000	e9,040	7,550	5,930	6,730	19,500	64,400	94,300	113,000	64,200
18	20,100	9,710	12,500	e8,910	7,360	e5,890	7,020	18,900	64,400	97,000	112,000	70,100
19	20,900	e9,200	12,200	e8,760	7,210	e5,850	7,270	18,900	67,800	100,000	110,000	67,800
20	20,500	e8,800	11,700	e8,630	7,130	e5,810	7,570	19,400	73,100	108,000	105,000	66,200
21	19,500	e8,300	11,400	e8,510	7,270	e5,780	8,100	20,300	78,600	118,000	98,200	72,300
22	18,300	e7,900	12,100	e8,370	7,280	e5,740	8,620	21,800	86,200	126,000	90,800	81,400
23	18,100	e7,750	12,600	e8,210	7,270	e5,700	9,050	24,300	99,300	132,000	86,900	87,800
24	18,200	7,490	12,700	e8,090	7,190	e5,660	9,470	27,200	118,000	137,000	85,500	95,800
25	18,900	7,400	12,700	e7,970	e7,000	5,800	9,880	31,200	135,000	134,000	84,800	96,900
26	21,200	7,360	12,400	e7,870	e6,900	5,830	10,300	35,700	145,000	131,000	83,300	93,400
27	23,800	7,280	11,900	e7,760	6,780	5,810	10,900	39,200	144,000	135,000	82,100	94,300
28	23,400	7,330	11,300	e7,640	6,720	5,770	11,600	40,800	134,000	139,000	87,400	99,100
29	22,000	7,430	10,800	e7,530	6,620	5,760	12,400	42,100	121,000	139,000	94,300	96,300
30	20,900	7,730	10,400	e7,420	---	5,800	13,200	43,400	112,000	135,000	93,000	82,700
31	19,800	---	10,100	e7,310	---	5,860	---	44,200	---	128,000	87,600	---
Total	677,300	362,880	429,500	272,850	214,710	189,410	227,280	729,800	2,399,600	3,233,400	3,390,900	2,400,300
Mean	21,850	12,100	13,850	8,802	7,404	6,110	7,576	23,540	79,990	104,300	109,400	80,010
Max	34,200	23,600	21,000	9,920	8,040	6,690	13,200	44,200	145,000	139,000	148,000	100,000
Min	18,100	7,280	9,200	7,310	6,620	5,660	5,800	13,700	44,200	79,800	82,100	56,500
Med	20,900	10,900	12,600	8,790	7,360	5,950	6,380	20,300	73,400	96,800	114,000	81,800
Ac-ft	1,343,000	719,800	851,900	541,200	425,900	375,700	450,800	1,448,000	4,760,000	6,413,000	6,726,000	4,761,000

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2011 - 2012, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	21,850	12,100	13,850	8,802	7,404	6,110	7,576	23,540	79,990	106,700	104,300	74,220
Max	21,850	12,100	13,850	8,802	7,404	6,110	7,576	23,540	79,990	109,100	109,400	80,010
(WY)	(2012)	(2012)	(2012)	(2012)	(2012)	(2012)	(2012)	(2012)	(2012)	(2011)	(2012)	(2012)
Min	21,850	12,100	13,850	8,802	7,404	6,110	7,576	23,540	79,990	104,300	99,210	68,440
(WY)	(2012)	(2012)	(2012)	(2012)	(2012)	(2012)	(2012)	(2012)	(2012)	(2012)	(2011)	(2011)

15129120 ALSEK R AT DRY BAY NR YAKUTAT AK—Continued

SUMMARY STATISTICS

	Water Year 2012		Water Years 2011 - 2012 [#]	
Annual total	14,527,930			
Annual mean	39,690		39,690	
Highest annual mean			39,690 2012	
Lowest annual mean			39,690 2012	
Highest daily mean	148,000	Aug 10	148,000	Aug 10, 2012
Lowest daily mean	5,660	Mar 24	5,660	Mar 24, 2012
Annual seven-day minimum	5,760	Mar 22	5,760	Mar 22, 2012
Maximum peak flow	150,000	Aug 10	150,000	Aug 10, 2012
Maximum peak stage	45.70	Aug 10	45.70	Aug 10, 2012
Annual runoff (ac-ft)	28,820,000		28,760,000	
10 percent exceeds	111,000		111,000	
50 percent exceeds	18,200		18,200	
90 percent exceeds	6,400		6,400	

[#] See Period of Record; partial year used in monthly statistics

