

15201000 DRY CREEK NEAR GLENNALLEN

LOCATION.--Lat 62°08'49", Long 145°28'31", in NE¹/₄ sec. 7, T. 4 N., R. 1 W. (Gulkana A-3 quad), on left bank 135 ft upstream from culvert at mi 119 Richardson Highway and 3.3 mi north of Glennallen.

DRAINAGE AREA.--11.4 mi².

TRIBUTARY TO.--Copper River

PERIOD OF RECORD.--1963 to current year.

DISCHARGE MEASURED PREVIOUSLY (WATER YEARS).--1963-1968, 1971-2004.

 Water year 2005 Measurements

Date	Gage Height (ft)	Discharge (ft ³ /s)
5-09-05	14.70	29
5-18-05	14.22	13
7-18-05	14.20	13
8-25-05	13.94	5.8

 Water year 2005 maximum

 Period of record maximum

Date	Gage height (ft)	Discharge (ft ³ /s)	Date	Gage height (ft)	Discharge (ft ³ /s)
4-27-05	15.75	S/146	5- -72	d25.88	546
6-21-05	15.08	R/55			

d At different site or datum
 R/ Rainfall
 S/ Spring runoff

15210025 MCCARTHY CREEK AT MCCARTHY

LOCATION.--Lat 61°25'54", Long 142°55'02", in NW¹/₄ NW¹/₄ NE¹/₄ sec. 19, T. 5 S., R. 14 E. (McCarthy B-6 quad), on left bank 1100 ft upstream from large boulder near footbridge at trail crossing at McCarthy, 0.8 mi upstream from mouth.

DRAINAGE AREA.--79.0 mi².

TRIBUTARY TO.--Kenicott River.

PERIOD OF RECORD.--1994 to current year.

DISCHARGE MEASURED PREVIOUSLY (WATER YEARS).--1993-2004.

Water year 2005 Measurements		
Date	Gage Height (ft)	Discharge (ft ³ /s)
7-14-05	69.71	335

Water year 2005 maximum			Period of record maximum		
Date	Gage height (ft)	Discharge (ft ³ /s)	Date	Gage height (ft)	Discharge (ft ³ /s)
4- -05	70.97	u	9-27-00	dj80.27	e4000
6-04-05	70.22	S/776			
8-24-05	70.63	R/1250			

d At different site or datum
 e Estimated
 j From floodmarks
 R/ Rainfall
 S/ Spring runoff
 u Unknown

15212500 BOULDER CREEK NEAR TIEKEL

LOCATION.--Lat 61°20'08", Long 145°18'26", in SE¹/₄ SW¹/₄ NW¹/₄ sec. 19, T. 6 S., R. 1 E. (Valdez B-4 quad), on left downstream wingwall of bridge at mi 51.4 of old Richardson Highway, 0.2 mi downstream from culvert on present Richardson Highway, 0.7 mi north of Tiekkel.

DRAINAGE AREA.--9.80 mi².

TRIBUTARY TO.--Tiekkel River

PERIOD OF RECORD.--1964 to current year.

DISCHARGE MEASURED PREVIOUSLY (WATER YEARS).--1964-67, 1970-96, 1998-2004.

Water year 2005 Measurements		
Date	Gage Height (ft)	Discharge (ft ³ /s)
06-07-05	10.35	119

Water year 2005 maximum			Period of record maximum		
Date	Gage height (ft)	Discharge (ft ³ /s)	Date	Gage height (ft)	Discharge (ft ³ /s)
1-04-05	f10.98	u	8-07-81	11.72	1,330
6-15-05	10.56	S/346			
7-03-05	10.46	R/238			

f Ice affected
R/ Rainfall
S/ Spring runoff
u Unknown

15212800 PTARMIGAN CREEK TRIBUTARY NEAR VALDEZ

LOCATION.--Lat 61°08'12", Long 145°44'32", in NW¹/₄ NE¹/₄ sec. 34, T. 8 S., R. 3 W. (Valdez A-5 quad), on left bank 275 ft upstream from Richardson Highway, 21 mi east of Valdez.

DRAINAGE AREA.--0.72 mi².

TRIBUTARY TO.--Ptarmigan Creek

PERIOD OF RECORD.--1965-70, 1996 to current year.

DISCHARGE MEASURED PREVIOUSLY (WATER YEARS).--1965-70, 1995-2004.

Water year 2005 Measurements		
Date	Gage Height (ft)	Discharge (ft ³ /s)
10-08-04	76.97	5.5
06-07-05	77.22	13
06-16-05	77.26	18

Water year 2005 maximum			Period of record maximum		
Date	Gage height (ft)	Discharge (ft ³ /s)	Date	Gage height (ft)	Discharge (ft ³ /s)
05- -05	f78.13	u	9- -65	d10.82	85
06-15-05	77.42	S/25			
07-31-05	77.20	R/16			

d From site and datum then in use
 f Ice affected
 R/ Rainfall
 S/ Spring runoff
 u Unknown

SOUTH-CENTRAL ALASKA

15227500 MINERAL CREEK NEAR VALDEZ

LOCATION.--Lat 61°08'30", Long 146°21'42", in SW¹/₄ NE¹/₄ SE¹/₄ sec. 30, T. 8 S., R. 6 W. (Valdez A-7 quad), on right bank 120 ft upstream from bridge, 1.8 mi upstream from mouth, and 0.5 mi northwest of Valdez.

DRAINAGE AREA.--44.0 mi².

TRIBUTARY TO.--Port Valdez

PERIOD OF RECORD.--1976-81, 1990 to current year.

DISCHARGE MEASURED PREVIOUSLY (WATER YEARS).--1913, 1948-50, 1972-73, 1990-2004.

 Water year 2005 Measurements

Date	Gage Height (ft)	Discharge (ft ³ /s)
08-17-05	9.37	773

 Water year 2005 maximum

 Period of record maximum

Date	Gage height (ft)	Discharge (ft ³ /s)	Date	Gage height (ft)	Discharge (ft ³ /s)
06-17-05	10.17	S/1160	6- -76	di90.81	5,570
08-23-05	12.86	R/2780			

i Data collected by Dept. of Transportation and Public Facilities
 d At different site or datum
 R/ Rainfall
 S/ Spring runoff

15236200 SHAKESPEARE CREEK AT WHITTIER

LOCATION.--Lat 60°46'35", Long 148°43'35", in NE¹/₄ sec. 22, T. 8 N., R. 4 E. (Seward D-5 quad), at bridge 0.5 mi upstream from mouth, and 1.8 mi west of the Alaska Railroad terminal building at Whittier.

DRAINAGE AREA.--1.61 mi².

TRIBUTARY TO.--Passage Channel

PERIOD OF RECORD.--1970-80, 1984 to current year.

DISCHARGE MEASURED PREVIOUSLY (WATER YEARS).-- †1969, 1970-80, 1985-2004.

Water year 2005 Measurements		
Date	Gage Height (ft)	Discharge (ft ³ /s)
4-25-05	9.25	19
6-14-05	9.33	51

Water year 2005 maximum			Period of record maximum		
Date	Gage height (ft)	Discharge (ft ³ /s)	Date	Gage height (ft)	Discharge (ft ³ /s)
5-14-05	10.23	S/247	9-20-95	14.90	690
7-26-05	12.49	R/538			

† Miscellaneous measurement
R/ Rainfall
S/ Spring runoff

15239500 FRITZ CREEK NEAR HOMER

LOCATION.--Lat 59°42'30", Long 151°20'35", in SW¹/₄ SW¹/₄ sec. 28, T. 5 S., R. 12 W. (Seldovia C-4 quad), Kenai Peninsula Borough, on right bank 15 ft upstream from culvert under East End Road, 8 mi northeast of Homer.

DRAINAGE AREA.--10.4 mi².

TRIBUTARY TO.--Kachemak Bay

PERIOD OF RECORD.--1963-85, ‡1986-92, 1993 to current year.

DISCHARGE MEASURED PREVIOUSLY (WATER YEARS).--1963-66, f1967-70, 1971-77, f1978-80, +1981-85, ‡1986-92, 1993-2004.

 Water year 2005 Measurements

Date	Gage Height (ft)	Discharge (ft ³ /s)
10-05-04	12.30	18
4-25-05	12.63	62

Water year 2005 maximum			Period of record maximum		
Date	Gage height (ft)	Discharge (ft ³ /s)	Date	Gage height (ft)	Discharge (ft ³ /s)
3-09-05	f14.13	u	10-22-80	dj18.53	852
4-25-05	12.91	S/138			
9-24-05	13.50	R/260			

‡ Operated as a continuous-record station
 + See analysis of samples collected at miscellaneous water-quality sites
 d At different site or datum
 f Ice affected
 f Low-flow partial-record station
 j From floodmarks
 R/ Rainfall
 S/ Spring runoff
 u Unknown

15239900 ANCHOR RIVER NEAR ANCHOR POINT

LOCATION.--Lat 59°44'50", Long 151°45'11", in NE¹/₄ sec. 13, T. 5 S., R. 15 W. (Seldovia C-5 quad), Kenai Peninsula Borough, on right bank underneath bridge on Sterling Highway, 4.3 mi southeast of Anchor Point. Mile Post 161.

DRAINAGE AREA.--137 mi².

TRIBUTARY TO.--Cook Inlet

PERIOD OF RECORD.--‡1965-73, 1974, ‡1978-86, 1987, ‡1991-92, 2000 to current year.

DISCHARGE MEASURED PREVIOUSLY (WATER YEARS).--‡1965-73, 1974, ‡1978-86, 1987, †1988 ‡1991-92, †1993, †1995, †1996, †1999, 2000-04.

 Water year 2005 Measurements

Date	Gage Height (ft)	Discharge (ft ³ /s)
10-05-04	1.77	295
6-06-05	1.39	121
8-03-05	1.43	139
9-22-05	1.53	184

 Water year 2005 maximum

 Period of record maximum

Date	Gage height (ft)	Discharge (ft ³ /s)	Date	Gage height (ft)	Discharge (ft ³ /s)
1-04-05	f6.68	u	11-23-02	j9.10	9,000
4-23-05	3.72	S/1,810			
9-10-05	3.67	R/1,760			

‡ Operated as a continuous-record station
 † Miscellaneous measurement
 f Ice affected
 j From floodmarks
 R/ Rainfall
 S/ Spring runoff
 u Unknown

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

15285000 WASILLA CREEK NEAR PALMER

LOCATION.--Lat 61°38'37", Long 149°11'46", in SE¹/₄ SW¹/₄ sec. 13, T. 18 N., R. 1 E. (Anchorage C-6 quad), Matanuska-Susitna Borough, on right bank 20 ft downstream from culverts on Palmer-Fishhook Road, and 4.1 mi northeast of Palmer.

DRAINAGE AREA.--16.8 mi².

TRIBUTARY TO.--Knik Arm

PERIOD OF RECORD.--1971, 1976 to current year.

DISCHARGE MEASURED PREVIOUSLY (WATER YEARS).-- 1971, f1976-83, 1984-2004.

Water year 2005 Measurements		
Date	Gage Height (ft)	Discharge (ft ³ /s)
10-01-04	7.63	137
10-06-04	6.94	30
04-29-05	8.00	169
05-09-05	7.27	58
07-08-05	7.08	36
09-13-05	7.54	101

Water year 2005 maximum			Period of record maximum		
Date	Gage height (ft)	Discharge (ft ³ /s)	Date	Gage height (ft)	Discharge (ft ³ /s)
05-08-05	8.16	S/202	8-10-71	d17.74	700
09-10-05	8.07	R/187			

d At different site or datum
 f Low-flow partial-record station
 R/ Rainfall
 S/ Spring runoff

15290200 NANCY LAKE TRIBUTARY NEAR WILLOW

LOCATION.--Lat 61°41'17", Long 149°57'58", in SE¹/₄ SE¹/₄ sec. 34, T. 19 N., R. 4 W. (Tyonek C-1 quad), Matanuska-Susitna Borough, on left bank 150 ft upstream from culverts on Parks Highway, 0.3 mi upstream from mouth and 4.5 mi southeast of Willow.

DRAINAGE AREA.--8.00 mi².

TRIBUTARY TO.--Nancy Lake

PERIOD OF RECORD.--1980, 1983-87, 1989 to current year.

DISCHARGE MEASURED PREVIOUSLY (WATER YEARS).--*f*1978-79, 1980, *f*1981, 1983-86, 1990-2004.

 Water year 2005 Measurements

Date	Gage Height (ft)	Discharge (ft ³ /s)
10-01-04	10.29	117
04-29-05	9.92	67
05-19-05	9.00	5.6

Water year 2005 maximum			Period of record maximum		
Date	Gage height (ft)	Discharge (ft ³ /s)	Date	Gage height (ft)	Discharge (ft ³ /s)
04-26-05	10.47	S/179	10-11-86	13.21	465
09-07-05	9.64	R/41			

f Low-flow partial-record station
R/ Rainfall
S/ Spring runoff

15291100 RAFT CREEK NEAR DENALI

LOCATION.--Lat 63°03'04", Long 147°16'22", in SE¹/₄ sec. 36, T. 21 S., R. 2 E. (Healy A-1 quad), Matanuska-Susitna Borough, on right bank 35 ft upstream from culvert at mi 68.9 on the Denali Highway, and 10.7 mi southeast of Denali.

DRAINAGE AREA.--4.33 mi².

TRIBUTARY TO.--Susitna River

PERIOD OF RECORD.--1963 to current year.

DISCHARGE MEASURED PREVIOUSLY (WATER YEARS).--1963-67, 1970-75, 1977-82, 1984-94, 1997-2004.

 Water year 2005 Measurements

Date	Gage Height (ft)	Discharge (ft ³ /s)
05-20-05	10.32	20
07-20-05	10.11	11
08-24-05	10.31	24

Water year 2005 maximum			Period of record maximum		
Date	Gage height (ft)	Discharge (ft ³ /s)	Date	Gage height (ft)	Discharge (ft ³ /s)
05-01-05	f11.83	u	6- -64	11.72	133
05-11-05	11.68	S/132			
07-30-05	10.59	R/55			

f Ice affected
 R/ Rainfall
 S/ Spring runoff
 u Unknown

15297200 MYRTLE CREEK NEAR KODIAK

LOCATION.--Lat 57°36'12", Long 152°24'12", in NW¹/₄ SW¹/₄ sec. 6, T. 30 S., R. 19 W. (Kodiak C-2 quad), Kodiak Island Borough, on left bank 0.1 mi upstream from bridge, 0.3 mi upstream from mouth, and 13 mi south of Kodiak.

DRAINAGE AREA.--4.74 mi².

TRIBUTARY TO.--Kalsin Bay

PERIOD OF RECORD.--1968, 1975 to current year.

DISCHARGE MEASURED PREVIOUSLY (WATER YEARS).--‡1963-86, 1987-89, 1991-2004.

Water year 2005 Measurements		
Date	Gage Height (ft)	Discharge (ft ³ /s)
4-14-05	2.95	26
6-08-05	3.17	61

Water year 2005 maximum			Period of record maximum		
Date	Gage height (ft)	Discharge (ft ³ /s)	Date	Gage height (ft)	Discharge (ft ³ /s)
2-03-05	f6.06	u	1-03-77	6.93	1,350
5-06-05	5.57	S/764			
8-03-05	4.96	R/542			

‡ Operated as a continuous-record station
 f Ice affected
 R/ Rainfall
 S/ Spring runoff
 u Unknown