

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Discharge measurements made at partial-record stations and miscellaneous sites during water year 2004  
[Footnotes at end of table]

Stream	Tributary to	Location	Drainage area (mi <sup>2</sup> )	Measured previously (water years)	Measurements	
					Date	Discharge (ft <sup>3</sup> /s)
SOUTH CENTRAL ALASKA						
594040150413900 Upper Nuka River at Park Boundary near Homer	Beauty Bay	Lat 59°40'40", long 150°41'39", (Seldovia C-2 quad), Kenai Peninsula Borough, 0.7 mi downstream from Nuka Glacier terminus, 5.3 mi southeast of Bradley Lake, and 29 mi east of Homer.	--	--	6-03-04 7-16-04	25.4 7.50
15198600 Slana River near Mentasta	Copper River	Lat 62°51'30", long 143°41'00", in NE <sup>1</sup> / <sub>4</sub> , sec. 3, T. 12 N., R. 9 E., SE <sup>1</sup> / <sub>4</sub> sec. 34, T. 13 N., R. 9 E., (Nabesna C-6 quad), near Mentasta. River is braided into three main channels at this reach. Flow was only measured at Mable Creek Slough bridge at mi 76.3 of the Tok Cutoff Highway:	--	1998	5-10-04	84
15201000 Dry Creek near Glennallen	Copper River	Lat 62°08'49", long 145°28'31", in NE <sup>1</sup> / <sub>4</sub> , sec. 7, T. 4 N., R. 1 W. (Gulkana A-3 quad), 135 ft upstream from culvert at mi 119 Richardson Highway and 3.3 mi north of Glennallen.	11.4	†1963-2003	5-14-04 6-08-04	21 2.5
15202000 Tazlina River near Glennallen	Copper River	Lat 62°03'20", long 145°25'34", in SW <sup>1</sup> / <sub>4</sub> , sec. 9, T. 3 N., R. 1 W. (Gulkana A-3 quad), at bridge, 115.3 Richardson Highway, 5 mi south-east of Glennallen.	a2,670	‡1949-72 1997-99 2001-02	7-22-04	19,000
15210025 McCarthy Creek at McCarthy	Kennicott River	Lat 61°25'54", long 142°55'02", in NW <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> , sec. 19, T. 5 S., R. 14 E. (McCarthy B-6 quad), 1100 ft upstream from large boulder near footbridge at trail crossing at McCarthy, 0.8 mi upstream from mouth.	79.0	†1993-2003	10-11-03 5-12-04 6-23-04	68 240 331
15212500 Boulder Creek near Tiegel	Tiegel River	Lat 61°20'08", long 145°18'26", in SE <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> , sec. 19, T. 6 S., R. 1 E. (Valdez B-4 quad), at mi 51.4 on the former Richardson Highway.	9.80	†1964-2003	6-09-04	107
15212800 Ptarmigan Creek Tributary near Valdez	Ptarmigan Creek	Lat 61°08'12", long 145°44'32", NW <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> , sec 34, T. 8 S., R. 3 W. (Valdez A-5 quad), 275 ft upstream from Richardson Highway, 21 mi east of Valdez.	0.72	†1965-70 †1995-2003	6-21-04	16
15227500 Mineral Creek near Valdez	Port Valdez	Lat 61°08'30", long 146°21'42", in SW <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> , sec. 30, T. 8 S., R. 6 W. (Valdez A-7 quad), 120 ft upstream from bridge, 1.8 mi above mouth, and 0.5 mi northwest of Valdez.	44.0	1913, 1948-50, 1972-73, †1990-2003	8-12-04	639
15236200 Shakespeare Creek at Whittier	Passage Channel	Lat 60°46'35", long 148°43'35", in NE <sup>1</sup> / <sub>4</sub> , 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.	1.61	1969, †1970-80, †1985-2003	6-07-04 8-12-04	62 44

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SOUTH CENTRAL ALASKA—Continued						
15239500 Fritz Creek near Homer	Kachemak Bay	Lat 59°42'30", long 151°20'35", in SW <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> sec. 28, T. 5 S., R. 12 W. (Seldovia C-4 quad), 15 ft upstream from culvert under East Road, and 8 mi northeast of Homer.	10.4	†1963-66, †f 1967-70, †1971-77, †f 1978-80 †+1981-85, ‡1986-92 †1993-2003	4-14-04 4-26-04	60 61
15239900 Anchor River near Anchor Point	Cook Inlet	Lat 59°44'50", long 151°45'11", in NE <sup>1</sup> / <sub>4</sub> sec. 13, T. 5 S., R. 15 W. (Seldovia C-5 quad), Kenai Peninsula Borough, at bridge on Sterling Highway (mile post 161), 4.3 mi southeast of Anchor Point.	137	‡1965-73 †1974 ‡1978-86 †1987 ‡1991-92 1996, 1999, 2002, 2003	6-02-04 7-15-04	204 56
15242000 Kasilof River near Kasilof	Cook Inlet	Lat 60°19'05", long 151°15'35", in SW <sup>1</sup> / <sub>4</sub> sec. 30, T. 3 N., R. 11 W. (Kenai B-4 quad), Kenai Peninsula Borough, at bridge, mi 67.1 Sterling Highway, 5 mi south of Kasilof.	738	‡1949 - 70 2002-03	9-11-04	6,980
15274796 + South Branch of South Fork Chester Creek at tank trail near Anchorage	South Fork Chester Creek	Lat 61°11'25", long 149°42'13" in SE <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> , sec. 30, T. 13 N., R. 2 W. (Anchorage A-8 quad), Municipality of Anchorage, 100 ft upstream from bridge on tank trail (Bulldog Trail), and 6.5 mi east of Anchorage.	4.30	1968, 72 1980 1998-2003	10-03-03 4-09-04 6-02-04 7-13-04	7.7 1.5 6.3 3.4
15276200 Ship Creek at Glenn Highway near Anchorage	Knik Arm	Lat 61°14'20", long 149°41'45", in NW <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> , on line between sec. 6 and 7, T. 13 N., R. 2 W. (Anchorage A-8NE quad), Municipality of Anchorage, just downstream of the Glenn Highway, 2.6 mi downstream from Ship Creek diversion dam, and 6.0 mi east of intersection of Seward and Glenn Highways in Anchorage.	103.4	2002-03	10-10-03 11-12-03	218 110
15280100 Eklutna River above Thunderbird Creek near Eklutna	Knik Arm	Lat 61°26'44", long 149°21'16", in NW <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> , sec. 30, T. 16 N., R. 1 E. (Anchorage B-7 quad), Municipality of Anchorage, 800 ft upstream from Thunder Bird Creek, 3.3 mi upstream from mouth, and 1.6 mi southeast of Eklutna.	--	1955-57 2002-03	11-06-03 11-06-03 2-25-04 4-25-04 7-02-04 8-16-04 9-16-04	5.0 5.8 4.1 7.7 5.1 4.1 4.6
15283600 Premier Creek near Sutton	Moose Creek	Lat 61°42'40", long 149°05'12", in SE <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> , sec. 28, T. 19 N., R. 2 E. (Anchorage C-6 quad), Matanuska-Susitna Borough, 10 ft downstream from culvert on Buffalo Mine Road (called Moose Creek Road on Anchorage C-6 quad), 4 mi north from Glenn Highway, 6 mi west of Sutton, and 7 mi northeast of Palmer.	3.38	†1996-2003	10-08-03 4-30-04 6-04-04 7-09-04 8-23-04	2.8 8.1 2.4 1.6 0.8

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SOUTH CENTRAL ALASKA—Continued						
15285000 Wasilla Creek near Palmer	Knik Arm	Lat 61°38'37", long 149°11'46", in SE <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> , sec. 13, T. 18 N., R. 1 E. (Anchorage C-6 quad), Matanuska-Susitna Borough, 20 ft downstream from culverts on Palmer-Fishhook Road, and 4.1 mi northeast of Palmer.	16.8	†1971, f†1976-83, †1984-2003	4-30-04 7-09-04 8-19-04	40 4.5 2.4
15290200 Nancy Lake Tributary near Willow	Nancy Lake	Lat 61°41'17", long 149°57'58", in SE <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> , sec. 34, T. 19 N., R. 4 W. (Tyonek C-1 quad), Matanuska-Susitna Borough, 150 ft upstream from culvert at Parks Highway, 0.3 mi upstream from mouth, and 4.5 mi southeast of Willow.	8.00	f1978-79, †1980, f1981, †1983-86, †1990-2003	10-01-03 4-23-04 6-04-04	30 40 3.2
15291100 Raft Creek near Denali	Susitna River	Lat 63°03'04", long 147°16'22", in SE <sup>1</sup> / <sub>4</sub> , sec. 36, T. 21 S., R. 2 E., (Healy A-1 quad), Matanuska-Susitna Borough, 30 ft upstream from culvert at mi 68.9 Denali Highway, and 10.7 mi southeast of Denali.	4.33	†1963-67, †1971-75, †1977-82, †1984-90, †1993-2003	10-02-03 6-09-04	7.0 29
15292400 Chulitna River near Talkeetna	Susitna River	Lat 62°33'31", long 150°14'02", in SE <sup>1</sup> / <sub>4</sub> , sec. 32, T. 29 N., R. 5 W., (Talkeetna C-1 quad), Matanuska-Susitna Borough, 0.5 mi downstream from Parks Highway Bridge, 4.5 mi downstream from Troublesome Creek, 18 mi upstream from mouth, and 16 mi northwest of Talkeetna.	a2,570	‡1958-72 ‡1980-85 1998 2002-03	8-12-04	24,700
15294350 + Susitna River at Susitna Station	Cook Inlet	Lat 61°32'41", long 150°30'45", in SE <sup>1</sup> / <sub>4</sub> , sec. 22, T. 17 N., R. 7 W., Matanuska-Susitna Borough, on left bank at Susitna Station, approximately 1.5 mi downstream from Yetna River, 12.5 mi above Alexander Creek.	19,400	1974-93 2003	10-25-03	37,200
15294630 + North Fork Crescent River near Tuxedni Bay	Cook Inlet	Lat 60°26'06", long 152°53'52", in SE <sup>1</sup> / <sub>4</sub> , sec. 15, T. 4 N., R. 21 W. (Kenai B-8 quad), 500 ft upstream from unnamed tributary on left bank, 8.5 mi upstream of Lake Fork and North fork confluence, 6 mi southwest of Mt. Redoubt, and 50 mi northwest of Ninilchik.	34.2	2003	8-11-04	501
15294640 + Lake Fork Crescent River near Tuxedni Bay	Cook Inlet	Lat 60°21'31", long 152°48'59", in SW <sup>1</sup> / <sub>4</sub> , sec. 7, T. 3 N., R. 20 W., (Kenai B-8 quad), 1.0 mi downstream from lake outlet, 3.2 mi upstream of Lake Fork and North fork confluence, 9 mi south of Mt. Redoubt, and 46 mi northwest of Ninilchik.	125	2003	7-2-04 7-29-04 8-18-04 9-13-04	2140 2860 1380 560
15297200 Myrtle Creek near Kodiak	Kalsin Bay	Lat 57°36'12", long 152°24'12", in NW <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> , sec. 6, T. 30 S., R. 19 W. (Kodiak C-2 quad), Kodiak Island Borough, 0.1 mi upstream from bridge, 0.3 mi upstream from mouth, and 13 mi south of Kodiak.	4.74	‡1963-86, †1987-89, †1991-2003	10-08-03 5-04-04 7-29-04	64 84 46

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SOUTH CENTRAL ALASKA—Continued						
15297580 Alec River near Chignik	Black Lake	Lat 56°27'18", long 158°55'35", in SE <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> , sec. 17, T.43 S., R. 61 W. (Chignik B-3 quad), Lake and Peninsula Borough, 0.4 mi upstream from the mouth and 15.4 mi northwest of Chignik Lake Village.	122.71	--	5-19-04	974
					7-07-04	965
					9-15-04	365
15297585 Chignik River at Black Lake outlet near Chignik	Chignik Lake	Lat 56°23'50", long 158°56'13", in SW <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> , sec. 05, T.44 S., R. 61 W. (Chignik B-3 quad), Lake and Peninsula Borough, 1.5 mi below Black Lake and 11.9 mi northwest of Chignik Lake Village.	282.93	--	5-20-04	1,300
					7-07-04	770
					9-15-04	

## FOOTNOTES

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| <p>† Operated as a crest-stage partial-record station</p> <p>‡ Operated as a continuous-record station</p> <p>+ See analysis of samples collected at miscellaneous water-quality sites</p> <p>* Operated as a stage-only partial-record station</p> <p>a Approximately</p> <p>b Ponded water but no flow</p> <p>c Observations reported by Mendenhall Watershed Personnel.</p> <p>d Channel dry</p> <p>e Estimated</p> | <p>f Low-flow partial-record station</p> <p>g Not previously published</p> <p>h Previously published as 15052482 Jordan Creek at Trout Street Bridge near Auke Bay</p> <p>j Ice effect</p> <p>m Discharge measurement provided by the Bureau of Land Management</p> <p>n To be determined</p> <p>p Peak flow</p> <p>q Indeterminate</p> <p>r Revised</p> |
|--|--|