



ARCTIC NATIONAL WILDLIFE REFUGE

Akutoktak River

LOCATION.--Lat 69°49'58", long 143°46'50", in center sec. 36, T.6N., R.33E., Umiat Meridian, 0.6 miles upstream from the confluence with the Okpilak River, 20.8 miles south-southwest of Kaktovik, Alaska.

DRAINAGE AREA.--97.1 mi², of which 66 mi² is located within the Arctic National Wildlife Refuge Wilderness Area.

PERIOD OF RECORD.--July 1988 to Present.

REMARKS.--This is a 4th Order drainage. Discharge records are initiated during break-up and discontinued at freeze-up of each year. River freezes to the substrate about the first week of October.

EXTREMES FOR THE PERIOD OF RECORD.--Maximum Discharge, 119 cfs Aug. 23, 1988 @ 0830 hrs; Minimum Discharge, 4.7 cfs Sept 25, 1988 @ 0645 hrs.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1987 TO SEPTEMBER 1993

DAY	OCT	NOV	MEAN VALUES									
			DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0 e	0.0										
2	0.0 e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80 e	20 e	5.6	36
3	0.0 e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90 e	20 e	5.5	29
4	0.0 e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90 e	20 e	6.1	34
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90 e	20 e	8.0	60
	e		0.0	0.0	0.0	0.0	0.0	0.0	90 e	10 e	7.4	89
6	0.0 e	0.0										
7	0.0 e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90 e	10 e	6.8	74
8	0.0 e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	230 e	10 e	6.5	58
9	0.0 e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	810 e	10 e	8.5	43
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000 e	10 e	31	32
	e		0.0	0.0	0.0	0.0	0.0	0.0	920 e	10 e	65	24
11	0.0 e	0.0										
12	0.0 e	0.0	0.0	0.0	0.0	0.0	0.0	0.0 e	870 e	10 e	43	19
13	0.0 e	0.0	0.0	0.0	0.0	0.0	0.0	0.0 e	750 e	10 e	29	16
14	0.0 e	0.0	0.0	0.0	0.0	0.0	0.0	0.0 e	630 e	10 e	28	14
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 e	530 e	10 e	22	14
		0.0	0.0	0.0	0.0	0.0	0.0	0.0 e	420 e	10 e	16	12
16	0.0	0.0										
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 e	360 e	10 e	13	11
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 e	290 e	10 e	18	10
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 e	230 e	10 e	18	9.2
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30 e	170 e	10 e	17
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	70 e	130 e	8.0	8.7
21	0.0	0.0										
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	120 e	100 e	8.0	23	9.2
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	150 e	80 e	7.6	63	8.7
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	150 e	70 e	7.8	111	8.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	120 e	60 e	8.5	104	7.6
		0.0	0.0	0.0	0.0	0.0	0.0	100 e	50 e	8.3	76	6.5
26	0.0	0.0										
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90 e	50 e	7.6	55	5.9
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80 e	40 e	7.0	46	---
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80 e	30 e	6.6	43	---
30	0.0	0.0	0.0	0.0	----	0.0	0.0	80 e	30 e	6.3	39	----
31	0.0	----	0.0	0.0	----	0.0	0.0	80 e	20 e	5.9	46	----
		0.0	0.0	0.0	----	0.0	0.0	80 e	----	6.1	47	----
TOTAL	0.0	0.0										
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1230	8400	318	1023	648
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	95	280	10	33	25
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	150	1000	20	111	89
CFSM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30	20	5.9	5.5	5.9
IN.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.97	2.88	0.11	0.34	0.26
AC-F ^t	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.47	3.22	0.12	0.39	0.25
		0.0	0.0	0.0	0.0	0.0	0.0	2440	16661	630	2029	1286
TOTAL												
MEAN (MAY 19 TO SEP 26)		11619										
SEVEN-DAY LOW FLOW		89										
INSTANTANEOUS PEAK FLOW		6.03										
		119 e	(Aug. 23, 1988)									
TOTAL RUNOFF (AC-FT)												
AVERAGE RUNOFF (CFSM)												
TOTAL RUNOFF (INCHES)												

NOTE: e = ESTIMATE

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DRAINAGE AREA.--97.1 mi², of which 66 mi² is located within the Arctic National Wildlife Refuge Wilderness Area.

PERIOD OF RECORD.--July 1988 to Present.

REMARKS.--This is a 4th Order drainage. Discharge records are initiated during break-up and discontinued at freeze-up of each year. Data gap (July 26 to Aug. 12) caused by equipment malfunction. River normally freezes to substrate the first week of October.

EXTREMES FOR PERIOD OF RECORD.--Maximum Discharge, 1,703 cfs Aug. 20, 1989 @ 2350 hrs; Minimum Discharge, 2.2 cfs July 6&7, 1989.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989

DAY	OCT	NOV	MEAN VALUES									
			DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	e	0.0						430	e	7.7	---
2	0.0	e	0.0	0.0	0.0	0.0	0.0	0.0	510	e	5.9	---
3	0.0	e	0.0	0.0	0.0	0.0	0.0	0.0	600	e	3.5	---
4	0.0	e	0.0	0.0	0.0	0.0	0.0	0.0	680	e	3.8	---
5	0.0		0.0	0.0	0.0	0.0	0.0	0.0	770	e	2.8	---
		e		0.0	0.0	0.0	0.0	0.0				
6	0.0	e	0.0									
7	0.0	e	0.0	0.0	0.0	0.0	0.0	0.0	850	e	2.4	---
8	0.0	e	0.0	0.0	0.0	0.0	0.0	0.0	940	e	2.8	---
9	0.0	e	0.0	0.0	0.0	0.0	0.0	0.0	1020	e	4.1	---
10	0.0		0.0	0.0	0.0	0.0	0.0	0.0	600	e	5.5	---
		e		0.0	0.0	0.0	0.0	0.0	500	e	6.9	---
11	0.0	e	0.0									
12	0.0	e	0.0	0.0	0.0	0.0	0.0	0.0	360	e	23	---
13	0.0	e	0.0	0.0	0.0	0.0	0.0	0.0	250	e	44	---
14	0.0	e	0.0	0.0	0.0	0.0	0.0	0.0	220	e	27	66
15	0.0		0.0	0.0	0.0	0.0	0.0	0.0	190	e	16	608
			0.0	0.0	0.0	0.0	0.0	0.0	187		10	549
16	0.0		0.0									
17	0.0		0.0	0.0	0.0	0.0	0.0	0.0	143		10	392
18	0.0		0.0	0.0	0.0	0.0	0.0	0.0	105		290	349
19	0.0		0.0	0.0	0.0	0.0	0.0	0.0	74		344	223
20	0.0		0.0	0.0	0.0	0.0	0.0	0.0	52		146	138
			0.0	0.0	0.0	0.0	0.0	0.0	48		114	251
21	0.0		0.0									
22	0.0		0.0	0.0	0.0	0.0	0.0	0.0	42		235	---
23	0.0		0.0	0.0	0.0	0.0	0.0	0.0	37		469	---
24	0.0		0.0	0.0	0.0	0.0	0.0	0.0	45		295	---
25	0.0		0.0	0.0	0.0	0.0	0.0	0.0	48		719	---
			0.0	0.0	0.0	0.0	0.0	0.0	46		444	---
26	0.0		0.0									
27	0.0		0.0	0.0	0.0	0.0	0.0	0.0	42		---	---
28	0.0		0.0	0.0	0.0	0.0	0.0	0.0	29		---	---
29	0.0		0.0	0.0	0.0	0.0	0.0	0.0	20		---	---
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	14		---	---
31	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	10		---	---
			0.0	0.0	0.0	0.0	0.0	0.0	---		---	---
TOTAL	0.0	0.0										
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8862		3231	2576
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	295		129	---
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1020		719	608
CFSM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10		2.4	66
IN.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.04		1.33	---
AC-FT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.39		1.24	---
			0.0	0.0	0.0	0.0	0.0	0.0	17578		6409	5109
TOTAL												
MEAN (JUN 6 TO AUG 20)			14669									
SEVEN-DAY LOW FLOW			233									
INSTANTANEOUS PEAK FLOW			3.57									
			1703	(Aug. 20, 1989)								
TOTAL RUNOFF (AC-FT)									29096			
AVERAGE RUNOFF (CFSM)									2.40			
TOTAL RUNOFF (INCHES)									5.62			

NOTE: e = ESTIMATE

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REMARKS.--This is a 4th Order drainage. Discharge records are initiated during break-up and discontinued at freeze-up of each year. River freezes to the substrate about the first week of October.

EXTREMES FOR PERIOD OF RECORD.--Maximum Discharge, 1,703 cfs Aug. 20, 1989 @ 2350 hrs; Minimum Discharge, 0.7 cfs Aug. 18, 1990.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990

DAY	OCT	NOV	MEAN VALUES									
			DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0 e	0.0										
2	0.0 e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20 e	5.8	3.0	19
3	0.0 e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10 e	5.1	2.4	27
4	0.0 e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10 e	4.2	1.8	20
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10 e	3.0	1.7	15
	e		0.0	0.0	0.0	0.0	0.0	0.0	8.0 e	2.4	1.6	12
6	0.0 e	0.0										
7	0.0 e	0.0	0.0	0.0	0.0	0.0	0.0	0.0 e	7.0 e	1.7	1.4	23
8	0.0 e	0.0	0.0	0.0	0.0	0.0	0.0	0.0 e	6.0 e	1.4	1.7	60
9	0.0 e	0.0	0.0	0.0	0.0	0.0	0.0	0.0 e	5.0 e	1.4	1.6	52
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 e	5.0 e	1.6	1.3	36
	e		0.0	0.0	0.0	0.0	0.0	0.0 e	4.0 e	1.8	1.2	24
11	0.0 e	0.0										
12	0.0 e	0.0	0.0	0.0	0.0	0.0	0.0	---	5.0 e	2.4	1.1	19
13	0.0 e	0.0	0.0	0.0	0.0	0.0	0.0	---	6.0 e	2.4	1.0	16
14	0.0 e	0.0	0.0	0.0	0.0	0.0	0.0	---	8.9	2.2	1.0	13
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	11	1.7	0.93	11
			0.0	0.0	0.0	0.0	0.0	0.0	10	1.4	0.86	15
16	0.0	0.0										
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	9.4	1.1	0.80	21
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	14	1.6	0.80	17
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1360 e	48	1.7	1.2	11
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	560 e	44	1.6	5.1	8.1
			0.0	0.0	0.0	0.0	0.0	370 e	134	1.6	4.5	----
21	0.0	0.0										
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	280 e	118	1.4	4.8	----
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	210 e	99	3.2	4.8	----
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	160 e	64	2.8	4.8	----
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	130 e	46	1.6	3.9	----
			0.0	0.0	0.0	0.0	0.0	90 e	35	1.3	3.0	----
26	0.0	0.0										
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60 e	22	1.1	2.4	----
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40 e	15	1.0	2.0	----
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40 e	11	4.5	2.4	----
30	0.0	0.0	0.0	0.0	---	0.0	0.0	30 e	8.5	8.1	9.4	----
31	0.0	----	0.0	0.0	---	0.0	0.0	20 e	6.9	5.4	10	----
			0.0	0.0	---	0.0	0.0	20 e	----	3.9	11	----
TOTAL	0.0	0.0										
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3370	802	80	94	420
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	241	27	3	3	22
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1360	134	8	11	60
CFSM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20	6.9	1.0	0.80	8.1
IN.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.48	0.28	0.03	0.03	0.23
AC-F ^t	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.29	0.31	0.03	0.04	0.16
			0.0	0.0	0.0	0.0	0.0	6684	1591	159	187	833
TOTAL												
MEAN (MAY 18 TO SEP 19)			4767					TOTAL RUNOFF (AC-FT)		9454		
SEVEN-DAY LOW FLOW			38					AVERAGE RUNOFF (CFSM)		0.39		
INSTANTANEOUS PEAK FLOW			0.93					TOTAL RUNOFF (INCHES)		1.83		
			215	(June 20, 1990)								

NOTE: e = ESTIMATE

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DRAINAGE AREA.--97.1 mi², of which 66.0 mi² is located within the Arctic National Wildlife Refuge Wilderness Area.

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REMARKS.--This is a 4th Order drainage. Discharge records are initiated during break-up and discontinued at freeze-up of each year. River freezes to the substrate about the first week of October.

EXTREMES FOR PERIOD OF RECORD.--Maximum Discharge, 1,703 cfs Aug. 20, 1989 @ 2350 hrs; Minimum Discharge, 0.7 cfs Aug. 18, 1990.

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DAY	OCT	NOV	MEAN VALUES									
			DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0 e	0.0										
2	0.0 e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	600 e	62	63	10
3	0.0 e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1230 e	50	45	8.2
4	0.0 e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	630 e	32	34	7.3
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	566	22	28	6.9
	e		0.0	0.0	0.0	0.0	0.0	0.0	395	14	29	7.3
6	0.0 e	0.0										
7	0.0 e	0.0	0.0	0.0	0.0	0.0	0.0	0.0 e	194	10	26	5.4
8	0.0 e	0.0	0.0	0.0	0.0	0.0	0.0	0.0 e	124	8.7	20	4.7
9	0.0 e	0.0	0.0	0.0	0.0	0.0	0.0	0.0 e	73	7.1	19	5.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 e	50	4.9	19	5.0
	e		0.0	0.0	0.0	0.0	0.0	0.0 e	40	4.5	23	4.7
11	0.0 e	0.0										
12	0.0 e	0.0	0.0	0.0	0.0	0.0	0.0	0.0 e	31	3.8	18	4.4
13	0.0 e	0.0	0.0	0.0	0.0	0.0	0.0	0.0 e	58	3.8	15	4.7
14	0.0 e	0.0	0.0	0.0	0.0	0.0	0.0	0.0 e	308	3.8	12	5.4
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 e	597	3.8	55	4.4
			0.0	0.0	0.0	0.0	0.0	0.0 e	451	3.1	96	5.0
16	0.0	0.0										
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 e	296	4.5	100	4.2
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0 e	284	3.8	80	76
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0 e	348	3.8	60	532
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10 e	256	53	47	318
			0.0	0.0	0.0	0.0	0.0	60 e	227	44	37	200
21	0.0	0.0										
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80 e	169	37	29	213
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	110 e	124	60	25	298
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	130 e	76	314	30	226
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	140 e	64	236	44	141
			0.0	0.0	0.0	0.0	0.0	150 e	43	122	43	----
26	0.0	0.0										
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	160 e	53	71	34	----
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	170 e	163	47	26	----
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	200 e	100	36	21	----
30	0.0	0.0	0.0	0.0	---	0.0	0.0	260 e	61	33	17	----
31	0.0	----	0.0	0.0	---	0.0	0.0	320 e	46	29	14	----
			0.0	0.0	---	0.0	0.0	420 e	----	63	11	----
TOTAL	0.0	0.0										
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2219	7657	1389	1118	2094
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	148	255	45	36	87
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	420	1230	314	100	532
CFSM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	31	3.1	11	4.2
IN.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.52	2.63	0.46	0.37	0.90
AC-F ^t	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.85	2.93	0.53	0.43	0.80
			0.0	0.0	0.0	0.0	0.0	4401	15188	2755	2218	4154
TOTAL												
MEAN (MAY 17 TO SEP 24)			14478									
SEVEN-DAY LOW FLOW			111									
INSTANTANEOUS PEAK FLOW			3.77									
			768	(June 14, 1991)								
TOTAL RUNOFF (AC-FT)												
AVERAGE RUNOFF (CFSM)												
TOTAL RUNOFF (INCHES)												

NOTE: e = ESTIMATE

ARCTIC NATIONAL WILDLIFE REFUGE

Akutoktak River

LOCATION.--Lat 69°49'58", long 143°46'50", in center sec. 36, T.6N., R.33E., Umiat Meridian, 0.6 miles upstream from the confluence with the Okpilak River, 20.8 miles south-southwest of Kaktovik, Alaska.

DRAINAGE AREA.--97.1 mi², of which 66.0 mi² is located within the Arctic National Wildlife Refuge Wilderness Area.

PERIOD OF RECORD.--July 1988 to Sept. 30, 1992.

REMARKS.--This is a 4th Order drainage. Discharge records are initiated during break-up and discontinued at freeze-up of each year. River freezes to the substrate about the first week of October.

EXTREMES FOR PERIOD OF RECORD.--Maximum Discharge, 1,818 cfs Aug. 27, 1992 @ 1200 hrs; Minimum Discharge, 0.7 cfs Aug. 18, 1990.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992

DAY	OCT	NOV	MEAN VALUES									
			DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0 e	0.0										
2	0.0 e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	630 e	9.9	8.8	122
3	0.0 e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	590 e	11	7.5	122
4	0.0 e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	470 e	15	22	132
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	340 e	13	34	132
	e		0.0	0.0	0.0	0.0	0.0	0.0	290 e	9.9	36	109
6	0.0 e	0.0										
7	0.0 e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	270 e	8.1	26	95
8	0.0 e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	420 e	6.5	19	83
9	0.0 e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	350 e	5.5	16	73
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	302	4.8	33	64
	e		0.0	0.0	0.0	0.0	0.0	0.0	345	4.5	53	53
11	0.0 e	0.0										
12	0.0 e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	359	4.3	36	40
13	0.0 e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	154	5.2	25	29
14	0.0 e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	95	16	27	22
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	154	19	40	17
			0.0	0.0	0.0	0.0	0.0	0.0	157	15	57	12
16	0.0	0.0										
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	105	11	51	16
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	73	8.8	41	15
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	54	6.8	70	11
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42	5.7	67	8.5
			0.0	0.0	0.0	0.0	0.0	0.0	32	5.2	47	7.1
21	0.0	0.0										
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 e	26	5.0	35	6.3
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 e	22	6.0	28	----
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 e	18	7.5	22	----
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 e	15	6.8	19	----
			0.0	0.0	0.0	0.0	0.0	0.0 e	14	7.1	17	----
26	0.0	0.0										
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 e	14	7.8	31	----
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 e	20	25	943	----
29	0.0	0.0	0.0	0.0	----	0.0	0.0	20 e	19	29	652	----
30	0.0	0.0	0.0	0.0	----	0.0	0.0	560 e	14	19	383	----
31	0.0	----	0.0	0.0	----	0.0	0.0	780 e	11	14	233	----
			0.0	0.0	----	0.0	0.0	710 e	----	11	162	----
TOTAL	0.0	0.0										
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2070	5403	322	3240	1167
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	518	180	10	105	56
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	780	630	29	943	132
CFSM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	11	4.3	7.5	6.3
IN.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.33	1.85	0.11	1.08	0.57
AC-F ⁻	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.79	2.07	0.12	1.24	0.45
			0.0	0.0	0.0	0.0	0.0	4106	10716	639	6425	2316
TOTAL												
MEAN (MAY 28 TO SEP 21)			12202									
SEVEN-DAY LOW FLOW			104									
INSTANTANEOUS PEAK FLOW			5.57									
			1818	(Aug. 27, 1992)								
TOTAL RUNOFF (AC-FT)												
AVERAGE RUNOFF (CFSM)												
TOTAL RUNOFF (INCHES)												

NOTE: e = ESTIMATE