SOUTH-CENTRAL ALASKA

15297585 CHIGNIK RIVER AT BLACK LAKE OUTLET NEAR CHIGNIK

LOCATION.--Lat 56°23'41", long 158°56'06", in $SW^{1/4} SW^{1/4} SW^{1/4}$ sec. 05, T. 44 S., R. 61 W. (Chignik B-3 quad), Hydrologic Unit 19020702, on right bank, 1.5 mi below Black Lake, and 11.9 mi northwest from the village of Chignik Lake.

DRAINAGE AREA.-- 282.93 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD. -- May 2004 to September 2005 (discontinued).

GAGE.--Water-stage recorder. Elevation of gage is 32 ft above sea level, from topographic map.

REMARKS.--Records are fair. Rain gage at station. GOES satellite telemetry at station.

COOPERATION.--Data collected in cooperation with the U.S. Army Corps of Engineers.

EXTREMES FOR CURRENT PERIOD.--Maximum discharge during period May 20 to September 30,2004, 2,440 ft³/s, June 5, gage height, 8.82 ft; minimum discharge 405 ft³/s, Sept. 29.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004 DAILY MEAN VALUES

1 1480 1680 1020 702 3 1330 1980 975 794 4 1330 1980 975 794 4 2360 2070 901 685 6 2310 1890 895 640 7 2210 1760 869 599 8 2210 1800 875 663 10 2040 1550 792 663 11 1930 1480 775 650 11 1910 1390 741 645 12 <t< th=""><th>DAY</th><th>OCT</th><th>NOV</th><th>DEC</th><th>JAN</th><th>FEB</th><th>MAR</th><th>APR</th><th>MAY</th><th>JUN</th><th>JUL</th><th>AUG</th><th>SEP</th></t<>	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
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IN 6.73 5.42 3.17 2.88													
	IN.									6.73	5.42	3.17	2.88

SOUTH-CENTRAL ALASKA

15297585 CHIGNIK RIVER AT BLACK LAKE OUTLET NEAR CHIGNIK-Continued

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005 DAILY MEAN VALUES

					DAL		ALODS						
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1	1010	681	1010	1090	913	963	326	e570	1330	1110	907	1010	
2	1090	701	1050	1100	e900	872	332	e550	1370	1050	955	980	
3 4	1140 1160	e600 558	954 853	1140 1110	e900 e900	868 865	316 319	e515 691	1470 1460	956 995	948 899	1060 1120	
5	1260	679	807	1040	e850	959	276	784	1330	994	858	1120	
c	1000	750	0.00	0.01	- 0 - 0	1000	220	1100	1000	1000	0.0.0	1000	
6 7	1220 1260	753 789	968 938	991 924	e850 e850	1080 1120	228 212	1120 1300	1230 1370	1020 960	820 785	1230 1290	
8	1170	804	928	862	e800	1300	235	1210	1390	875	748	1110	
9	1240	750	905	806	e800	1400	311	1090	1500	888	634	1120	
10	1170	714	769	746	e800	1550	309	1100	1570	875	553	1290	
11	1140	877	842	722	e800	1310	326	1170	1580	772	729	1190	
12 13	1280 1390	968 935	881 903	642 595	715 718	1200 1400	206 127	1230 1270	1690 1630	800 801	731 654	1320 1200	
14	1380	810	832	573	805	1180	91	1340	1580	759	649	1050	
15	1340	1040	943	836	892	1350	205	1310	1480	676	655	1120	
16	1300	946	962	1240	876	1300	196	1280	1320	812	629	1190	
17	1240	802	955	1400	766	1060	125	1350	1230	863	747	1150	
18 19	1190 1220	912 853	962 928	1420 1400	985 1030	1030 1210	160 176	1300 1220	1460 1540	847 828	800 841	1160 1220	
20	1160	1040	873	1370	1370	1270	e220	1230	1310	807	837	1180	
21	1180	851	826	1330	1400	1180	e350	1130	1180	721	776	1110	
22	1090	1030	977	1300	1440	1070	e400	1050	1300	743	591	1120	
23	1090	1060	1060	1170	1380	999	e420	1010	1230	682	815	1200	
24	1110	1060	887	1000	1330	983	e510	853	1110	702	856	1190	
25	759	1050	878	1120	1280	1040	e440	647	1240	848	729	1150	
26	858	855	e850	1200	1190	723	e350	687	1200	897	917	960	
27 28	955 929	855 945	e850 e900	1170 1050	1130 1060	720 703	e340 e600	904 1070	1210 1230	999 1030	765 852	1320 1480	
29	967	978	900	1070		696	e640	1160	1210	1000	830	1530	
30	853	880	963	1250		334	e610	1280	1170	971	910	1620	
31	931		1050	1290		302		1340		940	1020		
momat	35082	05776	20404	22057	09900	22027	0256	20761	40000	07001	24440	25010	
TOTAL MEAN	1132	25776 859	28404 916	32957 1063	27730 990	32037 1033	9356 312	32761 1057	40920 1364	27221 878	24440 788	35810 1194	
MAX	1390	1060	1060	1420	1440	1550	640	1350	1690	1110	1020	1620	
MIN	759	558	769	573	715	302	91	515	1110	676	553	960	
MED AC-FT	1160 69590	855 51130	905 56340	1100 65370	900 55000	1060 63550	313 18560	1130 64980	1330 81160	875 53990	800 48480	1170 71030	
IN.	4.61	3.39	3.73	4.33	3.65	4.21	1.23	4.31	5.38	3.58	3.21	4.71	
STATIS	TICS OF M	IONTHLY ME	א הדאם א	OR WATER	YEARS 2004	4 - 2005.	BY WATER	YEAR (WY) #				
MEAN MAX	1132 1132	859 859	916 916	1063 1063	990 990	1033 1033	312 312	1057 1057	1535 1707	1103 1329	783 788	962 1194	
(WY)	2005	2005	2005	2005	2005	2005	2005	2005	2004	2004	2005	2005	
MIN	1132	859	916	1063	990	1033	312	1057	1364	878	778	730	
(WY)	2005	2005	2005	2005	2005	2005	2005	2005	2005	2005	2004	2004	
SUMMARY	Y STATISI	ICS			FOR 2	005 WATER	YEAR			WATER YEA	RS 2004 -	2005#	
ANNUAL	TOTAL				3524	94							
ANNUAL						66			966				
	r annual									966 2005			
	ANNUAL M T DAILY M			1690 Jun 12						966 2005 2360 Jun 5 2004			
	DAILY ME			91 Apr 14									
ANNUAL	SEVEN-DA	Y MINIMUM			154 Apr 13					91 Apr 14 2005 154 Apr 13 2005			
MAXIMUM PEAK FLOW MAXIMUM PEAK STAGE					1730 Jun 12					2440 Jun 5 2004 8.82 Jun 5 2004			
INSTANTANEOUS LOW FLOW					8.06 Jun 12 56 Apr 14					56 Apr 14 2005			
ANNUAL RUNOFF (AC-FT)					699200 ADI 14					699600 API 14 2005			
	RUNOFF (46.35					46.38			
	CENT EXCE CENT EXCE				13:	30 67				1330 967			
	CENT EXCE					93				593			

 $\ensuremath{\#}$ $% \ensuremath{\mathsf{See}}$ Period of Record; partial year was used in monthly statistics e $% \ensuremath{\mathsf{Estimated}}$