12083000 MINERAL CREEK NEAR MINERAL, WA

LOCATION.--Lat 46°44'40", long 122°08'36", in SE $^1/_4$ SW $^1/_4$ sec.35, T.15 N., R.5 E., Lewis County, Hydrologic Unit 17110015, on right bank 0.3 mi downstream from railroad bridge, 2.3 mi northeast of Mineral, and at mile 1.3.

DRAINAGE AREA.--75.2 mi^2.

PERIOD OF RECORD.--June 1942 to current year.

REVISED RECORDS.--WSP 1932: Drainage area. WRD WA-74: 1971(P).

GAGE.--Water-stage recorder. Elevation of gage is 1,340 ft above sea level, from topographic map. Prior to May 14, 1987, at site 0.25 mi downstream at datum 1.90 ft lower.

REMARKS.--Records good except estimated daily discharges, which are fair. No regulation or diversion upstream from station. U.S. Geological Survey satellite telemeter at station.

AVERAGE DISCHARGE.--59 years (water years 1943-2001), 363 ft^3/s, 65.50 in/yr, 262,700 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 14,900 ft^3/s Feb. 8, 1996, gage height, 12.89 ft, from rating curve extended above 560 ft^3/s, based on runoff comparisons with nearby stations; minimum discharge, 13 ft^3/s Sept. 23-25, 1989, gage height, 6.93 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,700 ft^3/s and maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)
Feb. 04	1430	*1,340	*10.87

Minimum discharge, 26 ft^3/s Sept. 24.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	255	70	e189	217	143	159	429	905	142	111	51	39
2	112	67	e206	200	201	190	399	691	165	105	49	40
3	80	64	e190	e195	205	171	356	551	200	98	47	38
4	67	75	e185	e250	780	159	317	469	161	94	47	37
5	59	77	e166	e315	732	161	296	438	149	91	45	36
6	53	80	e153	e310	510	161	314	379	172	88	44	36
7	48	80	e137	e285	394	167	286	338	153	84	43	35
8	46	108	e129	e260	332	183	266	316	140	81	42	35
9	45	118	e125	e245	291	191	249	296	150	78	41	33
10	50	99	e121	235	260	183	251	275	149	75	40	32
11	47	89	e114	208	236	177	271	257	218	72	38	32
12	44	83	e109	191	215	169	258	251	310	70	38	31
13	44	79	e105	186	201	172	249	245	333	69	37	30
14	45	75	e111	175	189	177	235	312	282	67	36	30
15	43	72	e121	162	185	184	226	454	243	67	36	29
16	50	68	e250	151	251	188	226	621	216	76	35	29
17	80	66	e300	144	230	176	286	505	196	80	36	29
18	112	64	e270	152	218	237	291	408	180	72	35	29
19	93	63	e220	161	204	524	287	347	166	66	35	29
20	209	62	173	157	191	411	271	304	151	64	35	29
21	209	61	160	227	186	335	256	274	140	72	35	28
22	139	59	191	236	184	289	248	255	132	65	70	28
23	112	74	317	205	176	260	254	241	127	61	121	27
24	95	108	327	189	169	255	250	224	126	58	100	27
25	85	106	272	175	156	363	261	206	133	56	68	30
26	78	161	243	162	149	391	287	191	118	54	55	53
27	73	e500	239	151	142	368	296	180	147	53	49	52
28	108	e300	225	144	139	420	300	182	171	59	45	40
29	92	e200	208	157	---	378	323	175	134	59	43	35
30	81	e220	217	151	---	347	782	153	119	54	41	32
31	74	---	226	148	---	383	---	142	---	52	40	---
TOTAL	2728	3348	5999	6144	7269	7929	9020	10585	5223	2251	1477	1010
MEAN	88.0	112	194	198	260	256	301	341	174	72.6	47.6	33.7
MAX	255	500	327	315	780	524	782	905	333	111	121	53
MIN	43	59	105	144	139	159	226	142	118	52	35	27
AC-FT	5410	6640	11900	12190	14420	15730	17890	21000	10360	4460	2930	2000
CFSM	1.17	1.48	2.57	2.64	3.45	3.40	4.00	4.54	2.32	.97	.63	.45
IN.	1.35	1.66	2.97	3.04	3.60	3.92	4.46	5.24	2.58	1.11	.73	.50

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 2001, BY WATER YEAR (WY)

MEAN	155	512	682	653	617	484	489	385	209	83.2	46.9	55.3
MAX	527	1219	1463	1568	1443	1358	873	745	552	195	94.5	192
(WY)	1956	1956	1976	1953	1982	1972	1991	1949	1955	1983	1968	1959
MIN	23.1	35.9	128	138	146	155	226	141	50.9	38.9	23.6	18.3
(WY)	1953	1953	1977	1977	1977	1992	1973	1994	1992	1970	1970	1989

12083000 MINERAL CREEK NEAR MINERAL, WA--Continued

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1942 - 2001	
ANNUAL TOTAL	87898		62983			
ANNUAL MEAN	240		173		363	
HIGHEST ANNUAL MEAN					527	1974
LOWEST ANNUAL MEAN					173	2001
HIGHEST DAILY MEAN	1160	Feb 1	905	May 1	9260	Feb 8 1996
LOWEST DAILY MEAN	28	Sep 28	27	Sep 23	13	Sep 24 1989
ANNUAL SEVEN-DAY MINIMUM	30	Sep 23	28	Sep 18	15	Sep 19 1989
ANNUAL RUNOFF (AC-FT)	174300		124900		262700	
ANNUAL RUNOFF (CFSM)	3.19		2.29		4.82	
ANNUAL RUNOFF (INCHES)	43.48		31.16		65.50	
10 PERCENT EXCEEDS	516		317		782	
50 PERCENT EXCEEDS	190		153		232	
90 PERCENT EXCEEDS	36		39		37	

e Estimated