

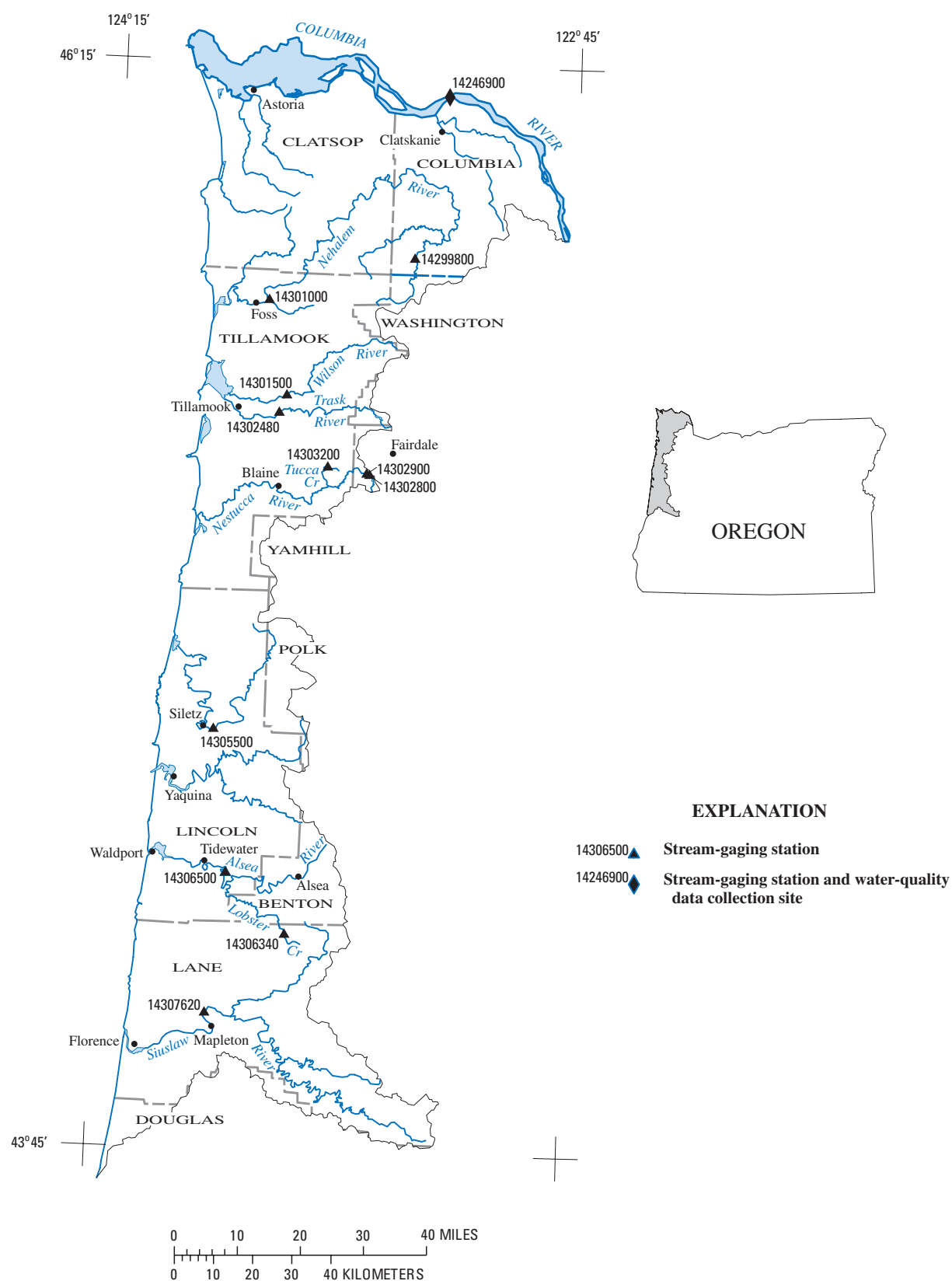


Figure 28. Location of surface-water and water-quality stations in the Oregon Coastal Drainages north of the Siuslaw River Basin and in the lower Columbia River.

COLUMBIA RIVER MAIN STEM

14246900 COLUMBIA RIVER AT BEAVER ARMY TERMINAL, NEAR QUINCY, OR

LOCATION.--Lat 46°10'53", long 123°10'56", in NE ¼ sec. 16, T.8 N., R.4 W., Columbia County, Hydrologic Unit 17080003, on left bank, 0.7 mi downstream from Crims Island, 3.0 mi northwest of Quincy and at mile 53.8.

DRAINAGE AREA.--256,900 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 1968 to June 1970, June 1991 to current year.

GAGE.--Water-stage and velocity index recorder. Datum of gage is Columbia River Datum, add 1.00 ft to correct to NGVD of 1929. May 1968 to June 1970 water-stage recorder with auxillary water-stage recorder 5.6 miles downstream, at datum 10.00 ft lower, June 1991 to September 30, 2004 at present site at datum 1.52 ft lower.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Flow regulated by many reservoirs on Columbia River and in tributary basins. Flows affected by tide which can cause reverse direction during tidal cycle when mean daily flows are less than 250,000 ft³/s. Mean discharge values are based on a 24 hour day, not a tidal cycle.

AVERAGE DISCHARGE.--15 years (water years 1969, 1992-2005), 230,600 ft³/s, 167,000,000 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 864,000 ft³/s Feb. 10, 1996; minimum daily discharge, 63,600 ft³/s Sept. 9, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 366,000 ft³/s May 20; maximum gage height, 9.98 ft Dec. 11; minimum daily discharge, 85,100 ft³/s Sept. 8.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	140,000	168,000	182,000	164,000	160,000	e150,000	266,000	206,000	248,000	240,000	207,000	133,000
2	107,000	182,000	177,000	162,000	165,000	e145,000	240,000	218,000	277,000	249,000	193,000	126,000
3	121,000	210,000	177,000	154,000	165,000	e150,000	220,000	226,000	285,000	223,000	185,000	107,000
4	129,000	202,000	173,000	183,000	160,000	142,000	206,000	229,000	256,000	198,000	145,000	106,000
5	138,000	199,000	181,000	181,000	174,000	156,000	199,000	216,000	256,000	168,000	144,000	96,600
6	131,000	177,000	171,000	172,000	166,000	142,000	201,000	227,000	234,000	194,000	153,000	95,300
7	138,000	165,000	183,000	160,000	170,000	134,000	211,000	240,000	235,000	178,000	152,000	93,700
8	152,000	159,000	204,000	172,000	176,000	134,000	190,000	246,000	228,000	192,000	146,000	85,100
9	183,000	166,000	254,000	175,000	166,000	e150,000	191,000	262,000	227,000	209,000	151,000	100,000
10	148,000	164,000	260,000	148,000	171,000	e145,000	179,000	289,000	249,000	195,000	147,000	115,000
11	129,000	159,000	285,000	157,000	166,000	140,000	176,000	316,000	238,000	189,000	156,000	90,900
12	127,000	151,000	313,000	160,000	174,000	151,000	195,000	346,000	237,000	193,000	159,000	87,700
13	126,000	146,000	269,000	e150,000	168,000	140,000	207,000	342,000	211,000	193,000	143,000	105,000
14	109,000	153,000	260,000	e190,000	150,000	136,000	207,000	320,000	211,000	203,000	137,000	119,000
15	114,000	142,000	e240,000	207,000	154,000	130,000	200,000	303,000	209,000	212,000	126,000	108,000
16	127,000	158,000	e260,000	171,000	169,000	122,000	192,000	304,000	198,000	222,000	142,000	113,000
17	94,900	165,000	e280,000	149,000	164,000	138,000	205,000	299,000	218,000	216,000	139,000	102,000
18	125,000	163,000	e250,000	220,000	169,000	124,000	214,000	328,000	222,000	199,000	165,000	102,000
19	136,000	183,000	e200,000	234,000	153,000	124,000	208,000	363,000	211,000	193,000	153,000	88,700
20	190,000	163,000	e210,000	237,000	167,000	140,000	201,000	366,000	198,000	190,000	140,000	87,600
21	204,000	161,000	218,000	226,000	139,000	151,000	184,000	363,000	227,000	169,000	133,000	106,000
22	192,000	160,000	236,000	211,000	136,000	144,000	194,000	361,000	222,000	189,000	116,000	119,000
23	195,000	166,000	239,000	191,000	132,000	140,000	199,000	359,000	232,000	186,000	136,000	113,000
24	176,000	158,000	236,000	173,000	126,000	156,000	197,000	350,000	246,000	165,000	156,000	116,000
25	164,000	153,000	180,000	175,000	131,000	140,000	186,000	346,000	234,000	152,000	146,000	109,000
26	154,000	166,000	167,000	169,000	127,000	135,000	190,000	312,000	237,000	178,000	129,000	98,900
27	170,000	173,000	182,000	187,000	128,000	168,000	220,000	292,000	226,000	183,000	126,000	127,000
28	161,000	169,000	171,000	191,000	e150,000	246,000	244,000	296,000	241,000	169,000	140,000	121,000
29	154,000	164,000	158,000	187,000	---	268,000	241,000	303,000	223,000	180,000	141,000	102,000
30	144,000	162,000	157,000	178,000	---	300,000	214,000	275,000	226,000	190,000	144,000	124,000
31	168,000	---	176,000	161,000	---	281,000	---	242,000	---	195,000	152,000	---
TOTAL	4,546,900	5,007,000	6,649,000	5,595,000	4,376,000	4,922,000	6,177,000	9,145,000	6,962,000	6,012,000	4,602,000	3,197,500
MEAN	146,700	166,900	214,500	180,500	156,300	158,800	205,900	295,000	232,100	193,900	148,500	106,600
MAX	204,000	210,000	313,000	237,000	176,000	300,000	266,000	366,000	285,000	249,000	207,000	133,000
MIN	94,900	142,000	157,000	148,000	126,000	122,000	176,000	206,000	198,000	152,000	116,000	85,100
AC-FT	9,019,000	9,931,000	13,190,000	11,100,000	8,680,000	9,763,000	12,250,000	18,140,000	13,810,000	11,920,000	9,128,000	6,342,000

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1969 - 2005, BY WATER YEAR (WY)

	MEAN	142,100	189,200	257,900	276,100	269,000	248,000	267,600	324,300	309,000	205,000	154,800	126,000
	MAX	212,300	256,500	430,800	444,300	543,400	388,700	406,500	507,500	514,500	279,300	223,000	177,300
(WY)	(1998)	(1996)	(1996)	(1997)	(1996)	(1997)	(1997)	(1969)	(1997)	(1997)	(1997)	(1999)	(1997)
MIN	98,380	136,100	175,400	153,400	141,500	142,100	150,500	174,700	151,700	98,390	106,300	90,080	
(WY)	(2002)	(1994)	(1994)	(2001)	(2001)	(2001)	(2001)	(2001)	(2001)	(2001)	(2001)	(2001)	(2001)

COLUMBIA RIVER MAIN STEM

14246900 COLUMBIA RIVER AT BEAVER ARMY TERMINAL, NEAR QUINCY, OR—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1969 - 2005	
ANNUAL TOTAL	71,950,900		67,191,400			
ANNUAL MEAN	196,600		184,100		230,600	
HIGHEST ANNUAL MEAN					338,200	1997
LOWEST ANNUAL MEAN					140,000	2001
HIGHEST DAILY MEAN	400,000	Jan 31	366,000	May 20	864,000	Feb 10, 1996
LOWEST DAILY MEAN	94,900	Oct 17	85,100	Sep 8	63,600	Sep 9, 2001
ANNUAL SEVEN-DAY MINIMUM	118,000	Oct 12	95,400	Sep 6	78,700	Sep 5, 2001
ANNUAL RUNOFF (AC-FT)	142,700,000		133,300,000		167,000,000	
10 PERCENT EXCEEDS	271,000		256,000		372,000	
50 PERCENT EXCEEDS	187,000		173,000		208,000	
90 PERCENT EXCEEDS	132,000		125,000		123,000	

e Estimated



2005 Water Year
COLUMBIA RIVER BASIN

14246900 COLUMBIA RIVER AT BEAVER ARMY TERMINAL NR QUINCY, OR

Latitude: 46° 10' 53"

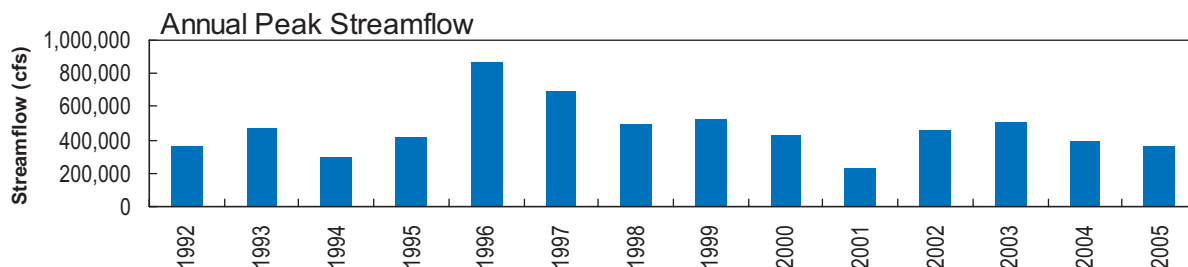
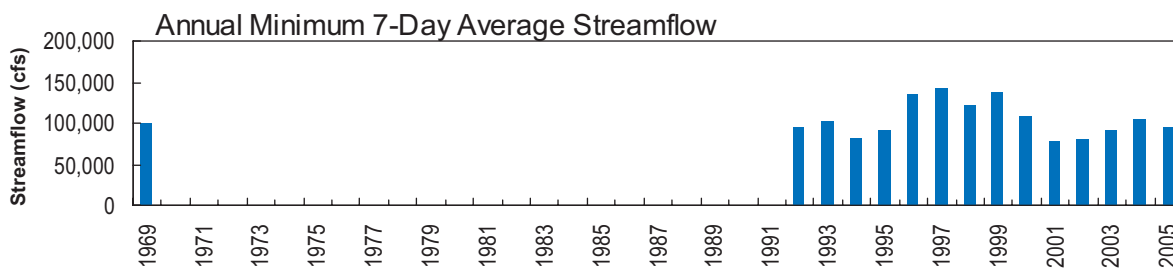
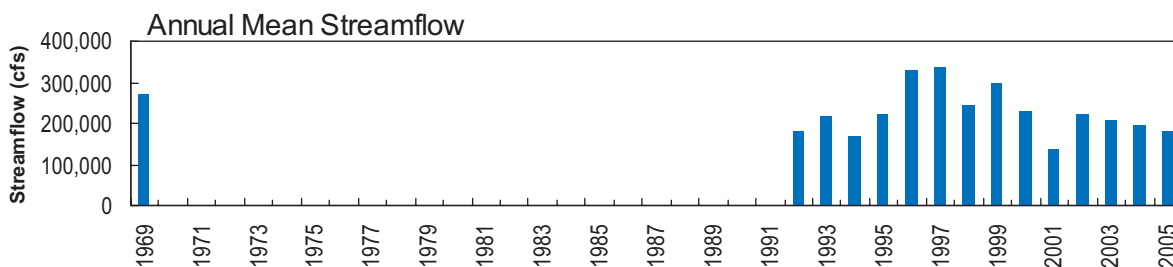
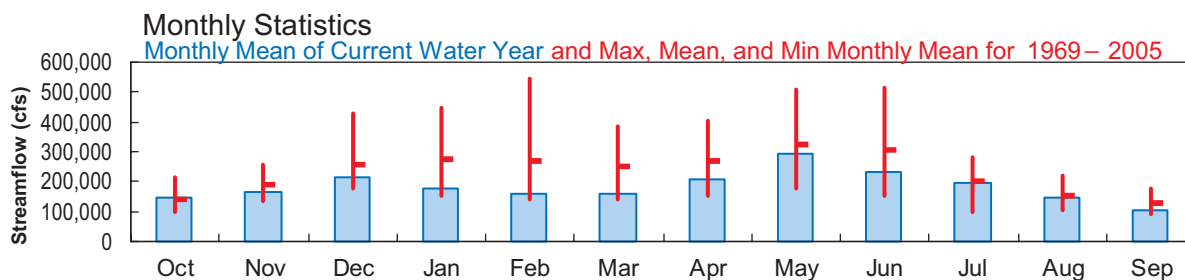
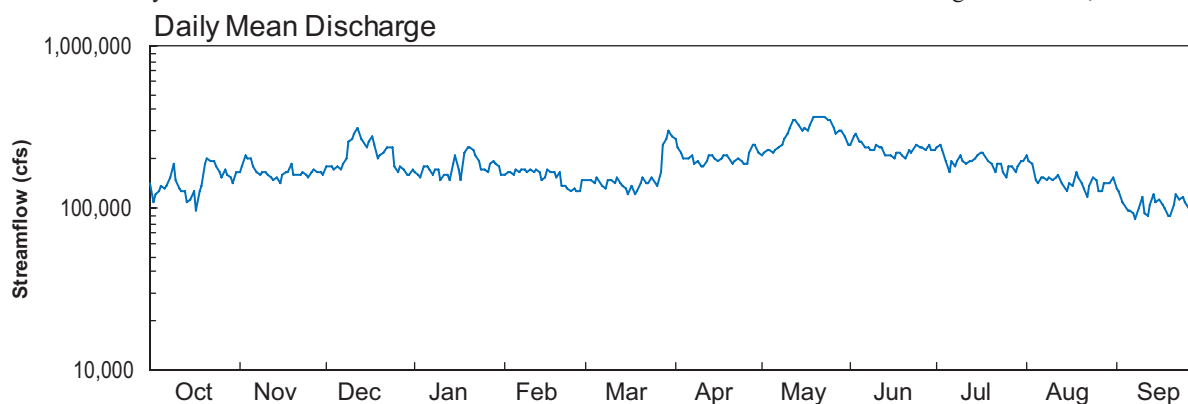
Longitude: 123° 10' 56"

Hydrologic Unit Code: 17080003

Columbia County

Datum: 1.00 feet

Drainage Area: 256,900 mi²



COLUMBIA RIVER MAIN STEM

14246900 COLUMBIA RIVER AT BEAVER ARMY TERMINAL, NEAR QUINCY, OR—Continued

(National stream quality accounting network station)

WATER-QUALITY RECORDS

PERIOD OF RECORD.--August 1967 to September 1970, October 1993 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1993 to September 2003.

WATER TEMPERATURE: August 1967 to September 1970. October 1993 to September 2003.

TURBIDITY: February 2001 to current year.

INSTRUMENTATION.--Water-quality monitor.

REMARKS.--Turbidity records excellent except those for the periods Dec. 11-14, Mar. 28, June 24 to Aug. 2, which are good. The probe was checked using a formazin standard. Turbidity data are highly dependent on the instrumentation used for the measurement. See the "Definitions" section for turbidity in the front of this report. Since February, 1994, specific conductance and temperature sensors located near right bank. Prior to that time, sensors were located near left bank. It was determined that daily record collected prior to February 1994 is not representative of the cross section due to a seasonal influence from several upstream sloughs. Additional specific conductance and temperature for the period October 1992 to September 1993 available in the files of the Portland field office. Boron values less than 16 UG/L have been designated as estimated due to a change in the minimum reporting level effective December 22, 1997.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 188 microsiemens Feb. 5, 1994, but may have been higher during periods of missing record; minimum recorded, 73 microsiemens Feb. 9, 1996, but may have been lower during periods of missing record.

WATER TEMPERATURE: Maximum, 24.0°C July 28, 1998; minimum, 0.0°C Jan. 31, Feb. 1, 1969.

TURBIDITY: Maximum, 221 NTU Feb. 1, 2003; minimum, <1 FNU Mar. 2, 2001, Oct. 3, 2003, many days during July and August 2005.

EXTREMES FOR CURRENT YEAR.--

TURBIDITY: Maximum, 108 FNU Dec. 12, Jan 19; minimum, <1 FNU many days in July and August.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Dis-charge, cfs (00060)	Turb- idity, IR LED light, det ang 90 deg, FNU (63680)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)	Hard- ness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnes- ium, water, fltrd, mg/L (00925)	Potas- sium, water, fltrd, mg/L (00935)
OCT 18...	1340	125,000	10	751	--	--	7.7	134	16.2	49	13.6	3.64	--
NOV 22...	1300	160,000	3.7	766	11.2	98	7.9	142	10.0	57	15.3	4.46	1.16
DEC 15...	1330	E240,000	19	775	12.6	104	7.8	118	8.1	44	11.7	3.58	--
JAN 19...	1400	234,000	69	766	--	--	8.0	130	4.2	55	15.0	4.19	1.08
FEB 16...	1200	169,000	3.4	759	13.2	103	8.2	149	4.7	62	16.8	4.91	--
MAR 16...	1350	122,000	4.0	752	14.0	119	8.7	155	7.8	66	18.1	5.00	1.14
APR 21...	1100	184,000	8.2	--	--	--	--	--	--	--	--	--	--
21...	1410	184,000	8.2	764	12.3	109	8.2	148	10.3	58	15.8	4.56	--
MAY 18...	1300	328,000	9.6	748	10.3	101	7.8	137	13.5	52	13.9	4.22	1.15
JUN 14...	1250	211,000	7.3	760	--	--	7.7	130	15.9	--	--	--	--
JUL 06...	1240	194,000	3.3	762	9.7	106	7.7	128	19.6	52	14.3	3.94	.94
AUG 09...	1340	147,000	6.9	763	9.0	102	7.4	138	21.7	58	16.4	4.21	--

COLUMBIA RIVER MAIN STEM

14246900 COLUMBIA RIVER AT BEAVER ARMY TERMINAL, NEAR QUINCY, OR—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Sodium adsorp- tion ratio (00931)	Sodium, water, fltrd, mg/L (00930)	Sodium, percent (00932)	Alka- linity, wat flt inc tit field, mg/L as CaCO ₃ (39086)	Bicar- bonate, wat flt incrm. titr., field, mg/L (00453)	Carbon- ate, wat flt incrm. titr., field, mg/L (00452)	Chlor- ide, water, fltrd, mg/L (00940)	Fluor- ide, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Sulfur, suspnd sedimnt total, percent (30308)	Residue water, fltrd, sum of consti- tuents mg/L (70301)	Residue water, fltrd, tons/ acre-ft (70303)
OCT 18...	--	--	--	48	58	.2	--	--	--	--	--	--	--
NOV 22...	.4	6.28	19	54	66	.2	3.35	.1	10.3	9.2	.24	84	.11
DEC 15...	--	--	--	45	55	.1	--	--	--	--	.21	--	--
JAN 19...	.3	5.67	18	51	62	.1	3.61	<.2	10.5	9.3	--	82	.11
FEB 16...	--	--	--	60	73	.1	--	--	--	--	--	--	--
MAR 16...	.3	6.48	17	61	73	.7	4.16	.1	8.61	11.6	--	93	.12
APR 21...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY 18...	.4	5.84	19	48	59	.1	3.21	.1	11.5	9.4	--	79	.12
JUN 14...	--	--	--	49	60	.1	--	--	--	--	--	--	--
JUL 06...	.3	5.33	18	50	61	.2	2.85	.1	9.57	8.3	--	76	.11
AUG 09...	--	--	--	54	65	.3	--	--	--	--	--	--	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, fltrd, mg/L (00666)	Phos- phorus, water, unfltrd mg/L (00665)	Phos- phorus, suspnd sedimnt total, percent (30292)	Total carbon, suspnd sedimnt total, percent (30244)	Total carbon, suspnd sedimnt total, mg/L (00694)	Inor- ganic carbon, suspnd sedimnt total, mg/L (00688)
OCT 18...	--	.12	.14	.031	.155	.003	.013	.021	.038	.110	1.4	.3	<.1
NOV 22...	84	E.09	.13	.026	.244	.003	.016	.023	.031	.180	4.0	.2	<.1
DEC 15...	--	.18	.20	.026	.397	.003	.007	.023	.052	.110	2.4	.6	<.1
JAN 19...	--	E.08	.13	.024	.373	.004	.010	.015	.093	.098	.80	.9	<.1
FEB 16...	--	E.09	.17	E.007	.343	.004	.007	.013	.029	--	--	.4	<.1
MAR 16...	87	.18	.20	E.007	.173	.003	<.006	.005	.028	.200	6.2	.7	<.1
APR 21...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY 18...	89	.12	.21	.013	.213	.003	E.004	.013	.040	--	--	.6	<.1
JUN 14...	--	.18	.17	.011	.157	.002	E.004	.014	.034	--	--	.4	<.1
JUL 06...	82	.21	.17	E.006	.099	.003	E.004	.013	.041	--	--	.6	<.1
AUG 09...	--	.17	.15	E.008	.090	.002	.006	.014	.036	--	--	.4	<.1

COLUMBIA RIVER MAIN STEM

14246900 COLUMBIA RIVER AT BEAVER ARMY TERMINAL, NEAR QUINCY, OR—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Organic carbon, suspnd sedimnt total, mg/L (00689)	Organic carbon, water, fltrd, mg/L (00681)	Organic carbon, suspnd sedimnt percent (50465)	Alum-inum, water, fltrd, ug/L (01106)	Anti-mony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryll-ium, water, fltrd, ug/L (01010)	Boron, water, fltrd, ug/L (01020)	Cadmium water, fltrd, ug/L (01025)	Chrom-ium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)
OCT 18...	.3	1.5	1.3	2	E.13	.8	18	<.06	--	<.04	<.8	.049	1.0
NOV 22...	.2	1.3	4.0	2	E.12	.8	21	<.06	11	<.04	<.8	.051	.8
DEC 15...	.6	1.7	2.4	5	E.11	.7	16	<.06	--	<.04	<.8	.042	1.5
JAN 19...	.9	1.7	.9	10	E.11	.7	16	<.06	E8	<.04	<.8	.081	1.1
FEB 16...	.4	1.4	--	3	E.10	.8	21	<.06	--	<.04	<.8	.061	.7
MAR 16...	.7	1.4	5.6	2	E.13	.4	20	<.06	17	<.04	<.8	.035	.8
APR 21...	--	--	--	--	--	--	--	--	--	--	--	--	--
21...	.7	1.7	4.0	4	E.11	.8	18	<.06	--	<.04	<.8	.056	.9
MAY 18...	.6	1.8	--	3	E.12	.7	19	<.06	12	<.04	<.8	.071	1.5
JUN 14...	.4	E.2	--	3	E.13	--	18	<.06	--	<.04	<.8	.053	1.2
JUL 06...	.6	1.8	--	3	E.12	.7	20	<.06	10	<.04	<.8	.041	1.0
AUG 09...	.4	1.5	--	2	E.18	.8	20	<.06	--	<.04	<.8	.037	.9

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Lithium water, fltrd, ug/L (01130)	Mangan-ese, water, fltrd, ug/L (01056)	Molyb-denum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Selen-ium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)	Stront-ium, water, fltrd, ug/L (01080)	Vanad-ium, water, fltrd, ug/L (01085)	Zinc, water, fltrd, ug/L (01090)	Alum-inum, suspnd sedimnt total, percent (30221)	Anti-mony, suspnd sedimnt total, ug/g (29816)
OCT 18...	--	<.08	--	.9	.7	.68	--	<.2	--	--	1.7	8.1	.4
NOV 22...	10	<.08	2.5	1.7	.6	.53	<.4	<.2	80.3	1.7	.8	7.2	1.3
DEC 15...	--	.10	--	1.2	.6	.64	--	<.2	--	--	1.5	8.4	.8
JAN 19...	16	<.08	2.5	11.2	.6	.76	<.4	<.2	74.2	1.4	1.9	8.6	.4
FEB 16...	--	<.08	--	1.1	.8	.80	--	<.2	--	--	.7	--	--
MAR 16...	8	<.08	2.2	.3	.8	.25	<.4	<.2	86.8	1.5	1.0	5.6	.6
APR 21...	--	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	E.04	--	.7	.7	.69	--	<.2	--	--	1.9	6.0	.6
MAY 18...	13	E.07	2.7	1.0	.7	.46	<.4	<.2	79.8	1.9	1.8	--	--
JUN 14...	--	E.07	--	1.0	.7	.94	--	<.2	--	--	1.7	--	--
JUL 06...	8	E.05	2.0	.6	.7	.82	<.4	<.2	77.1	1.8	1.0	--	--
AUG 09...	--	<.08	--	.6	.8	.69	--	<.2	--	--	.7	--	--

COLUMBIA RIVER MAIN STEM

14246900 COLUMBIA RIVER AT BEAVER ARMY TERMINAL, NEAR QUINCY, OR—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Arsenic suspnd sedimnt total, ug/g (29818)	Barium, suspnd sedimnt total, ug/g (29820)	Beryll- ium, suspnd sedimnt total, ug/g (29822)	Cadmium suspnd sedimnt total, ug/g (29826)	Chrom- ium, suspnd sedimnt total, ug/g (29829)	Cobalt, suspnd sedimnt total, ug/g (35031)	Copper, suspnd sedimnt total, ug/g (29832)	Iron, suspnd sedimnt total, percent (30269)	Lead, suspnd sedimnt total, ug/g (29836)	Lithium suspnd sedimnt total, ug/g (35050)	Mangan- ese, suspnd sedimnt total, ug/g (29839)	Mercury suspnd sedimnt total, ug/g (29841)	Molyb- denum, suspnd sedimnt total, ug/g (29843)
OCT 18...	3.6	390	1	.3	25	11	52	3.0	18	20	820	.07	2
NOV 22...	12	530	2	.7	80	19	59	4.3	31	24	1,800	.22	5
DEC 15...	8.4	490	2	.5	55	20	48	4.6	24	26	1,200	.07	2
JAN 19...	4.6	400	1	.1	24	13	66	3.3	17	24	750	.04	2
FEB 16...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAR 16...	6.4	390	1	.6	200	13	34	3.0	20	17	1,200	.21	25
APR 21...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY 21...	6.3	380	1	.5	53	13	45	3.4	19	21	1,200	.05	4
JUN 18...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL 14...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 06...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 09...	--	--	--	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Nickel, suspnd sedimnt total, ug/g (29845)	Selen- ium, suspnd sedimnt total, ug/g (29847)	Silver, suspnd sedimnt total, ug/g (29850)	Stront- ium, suspnd sedimnt total, ug/g (35040)	Titan- ium, suspnd sedimnt total, percent (30317)	Vanad- ium, suspnd sedimnt total, ug/g (29853)	Zinc, suspnd sedimnt total, ug/g (29855)	2,6-Di- ethyl- aniline water fltrd 0.7u GF ug/L (82660)	CIAT, water, fltrd, ug/L (04040)	Aceto- chlor, water, fltrd, ug/L (49260)	Ala- chlor, water, fltrd, ug/L (46342)	alpha- HCH, water, fltrd, ug/L (34253)	Atra- zine, water, fltrd, ug/L (39632)
OCT 18...	17	M	<.5	380	.360	68	88	<.006	<.006	<.006	<.005	<.005	<.007
NOV 22...	48	M	<1	300	.470	110	200	<.006	<.006	<.006	<.005	<.005	<.007
DEC 15...	32	M	<.5	330	.530	110	150	<.006	<.006	<.006	<.005	<.005	<.013
JAN 19...	18	M	<.5	350	.380	64	71	<.006	<.006	<.006	<.005	<.005	<.007
FEB 16...	--	--	--	--	--	--	--	<.006	<.006	<.006	<.005	<.005	<.007
MAR 16...	73	1	<.5	300	.370	77	170	<.006	<.006	<.006	<.005	<.005	<.007
APR 21...	--	--	--	--	--	--	--	<.006	<.006	<.006	<.005	<.005	.011
MAY 21...	30	1	<.5	310	.340	84	140	--	--	--	--	--	--
JUN 18...	--	--	--	--	--	--	--	<.006	<.006	<.006	<.005	<.005	E.005
JUL 14...	--	--	--	--	--	--	--	<.006	<.006	<.006	<.005	<.005	<.007
AUG 06...	--	--	--	--	--	--	--	<.006	<.006	<.006	<.005	<.005	<.007
AUG 09...	--	--	--	--	--	--	--	<.006	<.006	<.006	<.005	<.005	<.007

COLUMBIA RIVER MAIN STEM

14246900 COLUMBIA RIVER AT BEAVER ARMY TERMINAL, NEAR QUINCY, OR—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Azin- phos- methyl, water, fltrd 0.7u GF ug/L (82686)	Ben- flur- alin, water, fltrd 0.7u GF ug/L (82673)	Butyl- ate, water, fltrd, ug/L (04028)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carbo- furan, water, fltrd 0.7u GF ug/L (82674)	Chlor- pyrifos water, fltrd, ug/L (38933)	cis- Per- methrin water fltrd 0.7u GF ug/L (82687)	Cyana- zine, water, fltrd, ug/L (04041)	DCPA, water fltrd 0.7u GF ug/L (82682)	Diazi- non, water, fltrd, ug/L (39572)	Diel- drin, water, fltrd, ug/L (39381)	Disul- foton, water, fltrd 0.7u GF ug/L (82677)	EPTC, water, fltrd 0.7u GF ug/L (82668)
OCT 18...	<.050	<.010	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.005	<.009	<.02	<.004
NOV 22...	<.050	<.010	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.005	<.009	<.02	<.004
DEC 15...	<.050	<.010	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.005	<.009	<.02	<.004
JAN 19...	<.050	<.010	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.005	<.009	<.02	<.004
FEB 16...	<.050	<.010	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.005	<.009	<.02	<.004
MAR 16...	<.050	<.010	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.005	<.009	<.02	<.004
APR 21...	<.050	<.010	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.005	<.009	<.02	<.004
MAY 21...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY 18...	<.050	<.010	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.005	<.009	<.02	.005
JUN 14...	<.050	<.010	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.005	<.009	<.02	<.004
JUL 06...	<.050	<.010	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.005	<.009	<.02	<.004
AUG 09...	<.050	<.010	<.004	<.041	<.020	<.005	<.006	<.018	<.003	<.005	<.009	<.02	<.004

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Ethal- flur- alin, water, fltrd 0.7u GF ug/L (82663)	Etho- prop, water, fltrd 0.7u GF ug/L (82672)	Fonofos water, fltrd, ug/L (04095)	Lindane water, fltrd, ug/L (39341)	Linuron water fltrd 0.7u GF ug/L (82666)	Malathion, water, fltrd, ug/L (39532)	Methyl para- thion, water, fltrd 0.7u GF ug/L (82667)	Metola- chlor, water, fltrd, ug/L (39415)	Metri- buzin, water, fltrd, ug/L (82630)	Moli- nate, water, fltrd 0.7u GF ug/L (82671)	Naprop- amide, water, fltrd 0.7u GF ug/L (82684)	p,p'- DDE, water, fltrd, ug/L (34653)	Para- thion, water, fltrd, ug/L (39542)
OCT 18...	<.009	<.005	<.003	<.004	<.035	<.027	<.015	<.010	<.006	<.003	<.007	<.003	<.010
NOV 22...	<.009	<.005	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007	<.003	<.010
DEC 15...	<.009	<.005	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007	<.003	<.010
JAN 19...	<.009	<.005	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007	<.003	<.010
FEB 16...	<.009	<.005	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007	<.003	<.010
MAR 16...	<.009	<.005	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007	<.003	<.010
APR 21...	<.009	<.005	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007	<.003	<.010
MAY 21...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY 18...	<.009	<.005	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007	<.003	<.010
JUN 14...	<.009	<.005	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007	<.003	<.010
JUL 06...	<.009	<.005	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007	<.003	<.010
AUG 09...	<.009	<.005	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007	<.003	<.010

COLUMBIA RIVER MAIN STEM

14246900 COLUMBIA RIVER AT BEAVER ARMY TERMINAL, NEAR QUINCY, OR—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Peb- ulate, water, fltrd 0.7u GF ug/L (82669)	Pendi- meth- alin, water, fltrd 0.7u GF ug/L (82683)	Phorate water fltrd 0.7u GF ug/L (82664)	Prome- ton, water, fltrd, ug/L (04037)	Propy- zamide, water, fltrd 0.7u GF ug/L (82676)	Propa- chlor, water, fltrd, ug/L (04024)	Pro- panil, water, fltrd 0.7u GF ug/L (82679)	Propar- gite, water, fltrd 0.7u GF ug/L (82685)	Sima- zine, water, fltrd, ug/L (04035)	Tebu- thiuron water fltrd 0.7u GF ug/L (82670)	Terba- cil, water, fltrd 0.7u GF ug/L (82665)	Terbu- fos, water, fltrd 0.7u GF ug/L (82675)	Ter- buthyl- azine, water, fltrd, ug/L (04022)
OCT 18...	<.004	<.022	<.011	<.01	<.004	<.025	<.011	<.02	<.005	<.02	<.034	<.02	--
NOV 22...	<.004	<.022	<.011	<.01	<.004	<.025	<.011	<.02	<.005	<.02	<.034	<.02	<.01
DEC 15...	<.004	<.022	<.011	<.01	<.004	<.025	<.011	<.02	<.006	<.02	<.034	<.02	--
JAN 19...	<.004	<.022	<.011	<.01	<.004	<.025	<.011	<.02	<.005	<.02	<.034	<.02	--
FEB 16...	<.004	<.022	<.011	<.01	<.004	<.025	<.011	<.02	<.005	<.02	<.034	<.02	<.01
MAR 16...	<.004	<.022	<.011	<.01	<.004	<.025	<.011	<.02	<.005	<.02	<.034	<.02	--
APR 21...	<.004	<.022	<.011	<.01	<.004	<.025	<.011	<.02	<.006	<.02	<.034	<.02	<.01
MAY 21...	--	--	--	--	--	--	--	--	--	--	--	--	--
MAY 18...	<.004	<.022	<.011	<.01	<.004	<.025	<.011	<.02	E.005	<.02	<.034	<.02	--
JUN 14...	<.004	<.022	<.011	<.01	<.004	<.025	<.011	<.02	<.005	<.02	<.034	<.02	--
JUL 06...	<.004	<.022	<.011	<.01	<.004	<.025	<.011	<.02	<.005	<.02	<.034	<.02	--
AUG 09...	<.004	<.022	<.011	<.01	<.004	<.025	<.011	<.02	<.005	<.02	<.034	<.02	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Thio- bencarb water fltrd 0.7u GF ug/L (82681)	Tri- allate, water, fltrd 0.7u GF ug/L (82678)	Tri- flur- alin, water, fltrd 0.7u GF ug/L (82661)	Uranium natural water, fltrd, ug/L (22703)	Uranium suspnd sedimnt total, ug/g (35046)	Suspnd. sedi- ment, sieve diametr percent <.063mm (70331)	Sus- pended sedi- ment concen- tration mg/L (80154)	Sus- pended sedi- ment dis- charge, tons/d (80155)
OCT 18...	<.010	<.006	<.009	.48	<50	95	17	5,740
NOV 22...	<.010	<.006	<.009	.66	<100	94	4	1,730
DEC 15...	<.010	<.006	<.009	.55	<50	89	22	--
JAN 19...	<.010	<.006	<.009	.60	<50	95	92	58,100
FEB 16...	<.010	<.006	<.009	.81	--	75	4	1,830
MAR 16...	<.010	<.006	<.009	.74	<50	54	8	2,640
APR 21...	<.010	<.006	<.009	--	--	--	--	--
MAY 21...	--	--	--	.71	<50	92	9	4,470
MAY 18...	<.010	<.006	<.009	.62	--	90	14	12,400
JUN 14...	<.010	<.006	<.009	.53	--	88	10	5,700
JUL 06...	<.010	<.006	<.009	.51	--	83	14	7,330
AUG 09...	<.010	<.006	<.009	.44	--	85	11	4,370

COLUMBIA RIVER MAIN STEM

14246900 COLUMBIA RIVER AT BEAVER ARMY TERMINAL, NEAR QUINCY, OR—Continued

TURBIDITY, WATER, MONOCHROME NEAR INFRA-RED LED LIGHT, 780-900 NM, DETECTION ANGLE 90 +/- 2.5 DEGREES, FNU
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
OCTOBER				NOVEMBER			DECEMBER			JANUARY		
1	8	4	6	9	2	4	13	4	6	11	4	6
2	9	4	6	12	2	4	9	4	6	7	4	5
3	8	4	5	24	4	10	8	4	6	8	4	6
4	8	4	6	24	6	10	8	4	6	10	4	5
5	11	4	6	14	4	6	7	5	6	6	3	5
6	10	3	5	11	3	5	10	4	6	9	3	5
7	11	4	5	8	3	5	13	4	6	10	3	6
8	21	5	10	11	2	5	14	5	7	8	4	5
9	19	4	8	7	2	4	22	7	14	7	3	5
10	40	5	24	7	2	4	25	8	14	8	3	4
11	18	7	11	7	2	4	107	14	26	9	3	4
12	14	5	8	10	2	4	108	36	58	6	3	4
13	10	5	7	10	2	4	53	19	32	6	3	4
14	10	4	6	8	2	4	39	15	25	7	3	4
15	10	4	6	8	2	4	---	---	---	6	2	4
16	8	4	6	13	2	4	---	---	---	6	2	5
17	8	4	6	12	2	4	---	---	---	13	2	6
18	12	4	7	11	2	4	---	---	---	105	6	17
19	81	8	25	14	2	3	---	---	---	108	51	83
20	23	6	13	16	2	4	---	---	---	72	31	55
21	28	5	9	15	2	3	13	6	10	49	20	38
22	16	3	7	7	2	4	14	4	9	37	14	28
23	14	2	6	6	3	5	13	5	8	38	11	26
24	13	2	5	7	3	5	13	4	8	32	13	23
25	11	2	5	11	4	7	12	4	7	25	10	16
26	11	2	5	12	5	7	11	4	7	21	7	13
27	14	2	4	12	6	8	10	5	8	16	7	11
28	11	2	5	10	5	7	10	4	7	13	5	9
29	13	2	4	9	5	6	8	4	6	11	4	8
30	8	2	4	8	4	6	12	4	6	13	5	8
31	7	2	4	---	---	---	9	4	6	10	3	7
MAX	81	8	25	24	6	10	108	36	58	108	51	83
MIN	7	2	4	6	2	3	7	4	6	6	2	4
FEBRUARY				MARCH			APRIL			MAY		
1	10	5	6	5	2	4	26	13	20	10	4	7
2	10	4	6	7	2	4	24	11	17	10	3	7
3	8	3	5	5	2	3	21	10	15	13	4	8
4	7	2	5	5	2	3	20	9	14	13	4	8
5	8	3	5	8	2	3	17	8	13	13	4	8
6	8	3	5	4	2	3	19	8	12	11	4	8
7	9	3	5	7	2	4	18	6	11	13	5	9
8	12	3	6	11	2	4	15	6	11	14	4	9
9	12	3	5	8	2	4	16	6	12	12	5	9
10	7	2	5	5	2	3	15	6	11	14	4	9
11	6	2	4	5	2	4	14	6	10	13	5	10
12	7	2	4	8	2	3	20	6	11	16	7	10
13	8	2	4	5	2	3	15	6	11	15	7	11
14	6	2	4	6	2	4	14	6	10	18	7	11
15	5	2	4	5	2	3	13	5	10	14	7	10
16	5	2	3	5	1	4	12	5	10	14	8	11
17	5	2	3	6	2	4	50	8	15	14	8	11
18	6	2	3	7	2	4	32	11	21	14	7	11
19	4	2	3	7	2	3	22	10	16	17	9	12
20	4	2	3	6	2	4	18	8	13	19	9	15
21	4	2	3	7	1	4	15	5	11	18	10	14
22	8	1	3	9	2	5	17	5	10	20	10	14
23	4	2	3	9	2	4	13	4	10	21	10	14
24	4	1	3	7	2	4	15	4	9	18	7	13
25	5	2	3	8	2	4	14	4	8	17	7	12
26	4	2	3	12	2	5	16	4	9	16	7	12
27	4	1	2	31	3	8	13	4	9	19	7	12
28	9	2	4	91	23	54	12	4	8	16	8	12
29	---	---	---	60	19	30	13	3	8	14	7	11
30	---	---	---	39	22	29	13	3	7	13	6	11
31	---	---	---	32	19	25	---	---	---	13	6	10
MAX	12	5	6	91	23	54	50	13	21	21	10	15
MIN	4	1	2	4	1	3	12	3	7	10	3	7

COLUMBIA RIVER MAIN STEM

14246900 COLUMBIA RIVER AT BEAVER ARMY TERMINAL, NEAR QUINCY, OR—Continued

TURBIDITY, WATER, MONOCHROME NEAR INFRA-RED LED LIGHT, 780-900 NM, DETECTION ANGLE 90 +/- 2.5 DEGREES, FNU—
CONTINUED

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	14	5	9	7	2	4	9	<1	2	14	3	5
2	15	5	8	11	2	4	5	<1	2	9	3	5
3	12	5	9	9	2	4	5	<1	2	14	3	5
4	12	5	8	7	2	4	10	<1	2	11	3	5
5	13	5	8	10	2	4	5	<1	2	10	4	5
6	17	5	8	6	1	3	5	<1	2	8	3	5
7	16	4	8	5	1	3	4	<1	2	7	3	5
8	15	4	7	8	1	3	7	<1	2	6	3	5
9	10	4	7	5	<1	2	8	<1	3	7	3	5
10	10	4	7	5	<1	2	7	3	5	9	3	5
11	10	4	6	6	<1	3	8	3	5	10	3	4
12	10	5	6	6	1	3	10	3	5	7	3	4
13	9	3	6	5	<1	2	8	4	5	6	3	4
14	10	4	6	6	<1	3	9	3	5	8	3	5
15	8	4	6	5	<1	3	9	3	5	6	2	4
16	7	3	5	7	1	3	9	3	5	9	2	4
17	7	3	6	6	1	3	10	2	5	6	2	4
18	13	3	5	7	1	3	13	3	5	8	3	5
19	10	3	5	6	1	3	8	3	5	12	3	4
20	9	2	5	6	<1	3	16	3	6	7	3	4
21	11	3	5	6	<1	2	12	4	6	6	3	4
22	8	3	4	13	<1	2	9	4	6	6	3	4
23	7	2	5	15	<1	3	18	4	6	8	2	4
24	12	2	5	6	<1	2	9	3	5	9	3	4
25	8	3	5	6	<1	2	12	3	5	5	2	4
26	8	2	5	6	<1	2	13	3	4	5	2	4
27	7	2	4	5	<1	3	7	3	5	8	3	4
28	9	3	4	6	<1	2	10	3	5	7	2	4
29	10	2	4	5	1	2	11	3	5	6	3	4
30	7	3	4	4	<1	2	9	3	5	6	2	4
31	---	---	---	6	<1	2	14	3	5	---	---	---
MAX	17	5	9	15	2	4	18	4	6	14	4	5
MIN	7	2	4	4	<1	2	4	<1	2	5	2	4

PACIFIC SLOPE BASINS IN OREGON

NEHALEM RIVER BASIN

14299800 NEHALEM RIVER NEAR VERNONIA, OR

LOCATION.--Lat 45°48'26", long 123°16'55", in NE ¼ NE ¼ sec.27 ,T.4N., R.5 W., Columbia County, Hydrologic Unit 17100202, on left bank, 6.75 mi southwest of Vernonia and at mile 100.7.

DRAINAGE AREA.--69.8mi².

PERIOD OF RECORD.--July 2001 to current year.

GAGE.--Water-stage recorder. Datum of gage is 640 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except for flows below 100 ft³/s, which are fair and estimated daily discharges, which are poor. No regulation or diversion upstream from station.

AVERAGE DISCHARGE.--4 years (water years 2002-05), 201 ft³/s, 39.18 in/yr, 145,800 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 5,560 ft³/s Jan. 7, 2002, gage height, 11.57; minimum discharge, 1.6 ft³/s Aug. 14, 2004.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 3,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar 27	0730	*3,660	*10.03				
						No other peak greater than base discharge.	

Minimum daily discharge, 4.0 ft³/s, Sept. 28.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.7	75	47	107	143	83	579	115	88	35	12	e6.5
2	8.5	149	45	122	134	70	484	128	82	34	13	e5.5
3	7.9	174	43	119	126	65	440	110	76	33	12	e6.0
4	8.3	122	43	114	128	62	396	106	72	31	11	e6.5
5	8.8	96	45	107	137	59	351	99	74	31	9.7	e6.5
6	15	79	51	105	137	57	316	93	76	31	8.7	e6.5
7	17	68	132	122	144	56	299	89	75	31	8.6	e6.0
8	19	59	740	134	138	54	274	89	69	32	8.4	e6.0
9	38	53	505	147	132	52	241	100	61	41	7.8	e5.5
10	29	48	514	160	127	51	220	118	60	34	7.9	e5.5
11	22	45	705	161	123	50	250	117	62	34	8.0	e7.5
12	19	41	530	167	119	48	254	109	57	31	8.2	e9.0
13	17	39	394	182	114	46	270	101	54	30	8.1	e8.0
14	16	37	334	175	109	45	262	100	51	28	7.3	e6.5
15	15	36	276	170	104	44	249	97	48	26	6.7	e6.0
16	15	36	236	163	99	45	394	93	48	25	6.7	e5.5
17	34	36	206	225	95	48	440	86	63	24	e5.5	e5.5
18	46	47	182	1,030	92	45	403	191	58	23	e6.0	e6.0
19	73	52	163	896	89	53	355	258	64	21	e6.0	e6.0
20	65	47	147	655	84	192	313	264	52	20	e6.0	e5.5
21	48	43	132	511	79	214	275	236	48	20	e6.0	e5.0
22	41	42	124	415	76	184	241	226	46	20	e6.0	e5.0
23	38	40	112	347	73	172	220	198	44	20	e6.0	e4.5
24	36	39	104	297	70	163	199	175	41	18	e6.0	e4.5
25	36	54	103	257	69	154	183	156	39	18	e6.0	e4.5
26	75	53	117	228	66	351	166	140	39	17	e5.0	e5.0
27	62	50	103	206	63	2,480	152	124	48	16	e5.0	e4.5
28	51	47	97	187	69	1,200	140	112	48	15	e5.5	e4.0
29	45	45	93	186	---	1,070	129	105	41	14	e6.5	e4.5
30	58	46	89	165	---	886	120	99	37	13	e6.5	e6.0
31	80	---	92	153	---	689	---	91	---	13	e7.0	---
TOTAL	1,052.2	1,798	6,504	8,013	2,939	8,788	8,615	4,125	1,721	779	233.1	173.5
MEAN	33.9	59.9	210	258	105	283	287	133	57.4	25.1	7.52	5.78
MAX	80	174	740	1,030	144	2,480	579	264	88	41	13	9.0
MIN	7.9	36	43	105	63	44	120	86	37	13	5.0	4.0
AC-FT	2,090	3,570	12,900	15,890	5,830	17,430	17,090	8,180	3,410	1,550	462	344
CFSM	0.49	0.86	3.01	3.70	1.50	4.06	4.12	1.91	0.82	0.36	0.11	0.08
IN.	0.56	0.96	3.47	4.27	1.57	4.68	4.59	2.20	0.92	0.42	0.12	0.09

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2005, BY WATER YEAR (WY)

	MEAN	17.5	148	493	594	385	407	218	89.0	36.5	15.4	7.04	7.47
MAX	33.9	412	1,047	883	522	669	287	133	57.4	25.1	9.32	15.4	
(WY)	(2005)	(2002)	(2002)	(2002)	(2002)	(2003)	(2005)	(2005)	(2005)	(2005)	(2004)	(2004)	
MIN	5.43	32.5	210	258	105	226	162	60.6	25.4	11.1	5.65	4.32	
(WY)	(2003)	(2003)	(2005)	(2005)	(2005)	(2004)	(2004)	(2002)	(2002)	(2003)	(2003)	(2003)	

NEHALEM RIVER BASIN
14299800 NEHALEM RIVER NEAR VERNONIA, OR--Continued

SUMMARY STATISTICS

	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2002 - 2005	
ANNUAL TOTAL ANNUAL MEAN						
HIGHEST ANNUAL MEAN	55,855.7		44,740.8		201	
LOWEST ANNUAL MEAN	153		123		301 2002	
HIGHEST DAILY MEAN					123 2005	
LOWEST DAILY MEAN					3,830 Jan 7, 2002	
ANNUAL SEVEN-DAY MINIMUM	2,160	Jan 30	2,480	Mar 27	2.5	Aug 13, 2004
ANNUAL RUNOFF (AC-FT)	2.5	Aug 13	4.0	Sep 28	3.1	Sep 25, 2003
ANNUAL RUNOFF (CFSM)	3.1	Aug 11	4.5	Sep 23	145,800	
ANNUAL RUNOFF (INCHES)	110,800		88,740		2.88	
10 PERCENT EXCEEDS	2.19		1.76		39.18	
50 PERCENT EXCEEDS	29.78		23.85		521	
90 PERCENT EXCEEDS	449		266		55	
	53		62		5.2	
e Estimated	7.9		6.5			

NEHALEM RIVER BASIN

14299800 NEHALEM RIVER NEAR VERNONIA, OR--Continued



2005 Water Year NEHALEM RIVER BASIN

14299800 NEHALEM RIVER NEAR VERNONIA, OR

Latitude: 45° 48 ' 26"

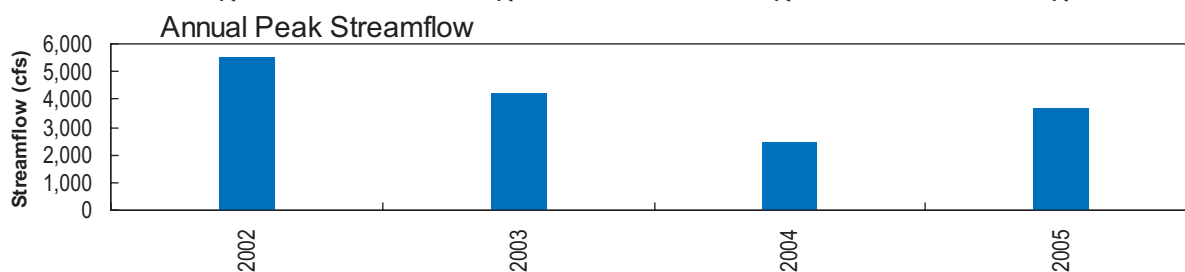
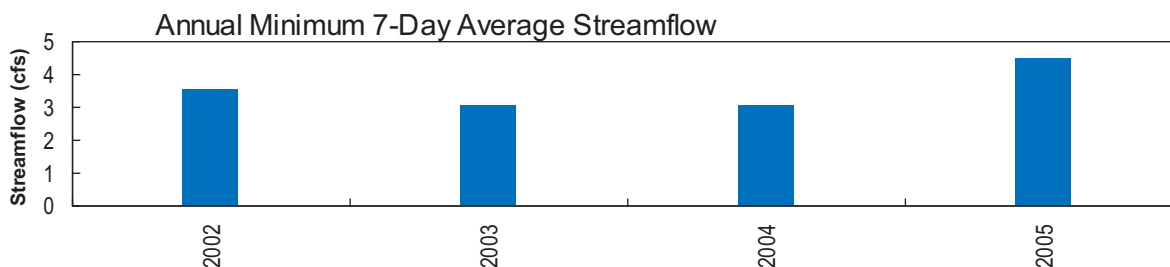
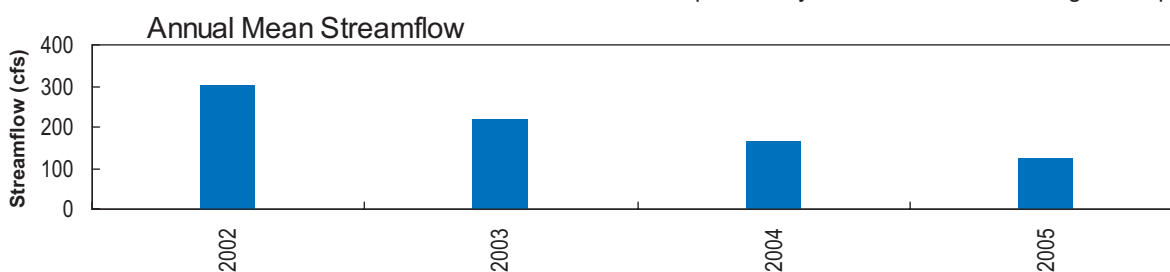
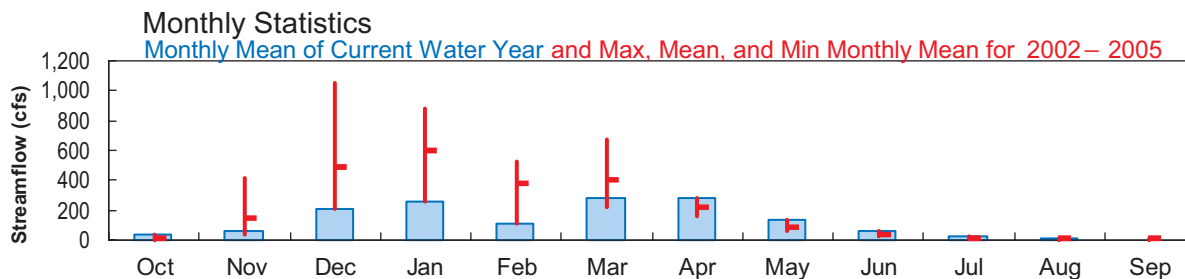
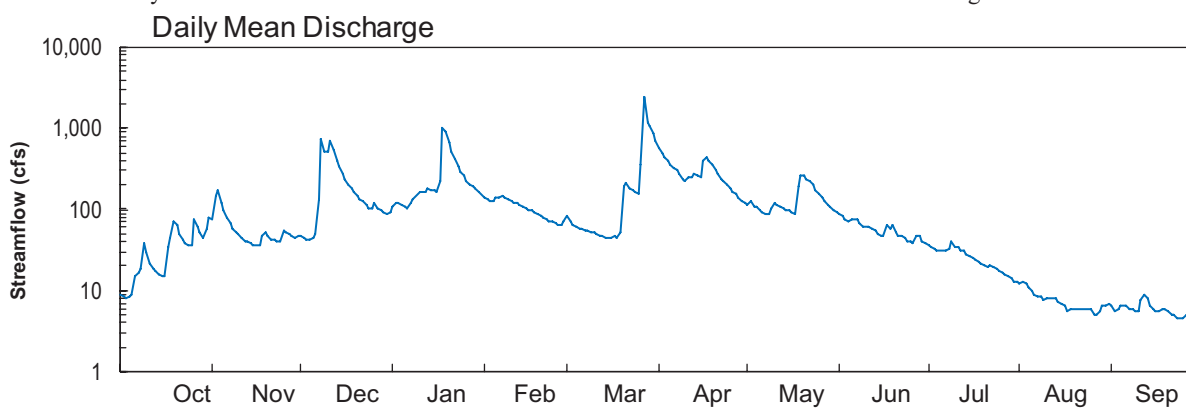
Longitude: 123° 16 ' 55"

Hydrologic Unit Code: 17100202

Columbia County

Datum: 640 feet

Drainage Area: 69.8 mi²



NEHALEM RIVER BASIN

14301000 NEHALEM RIVER NEAR FOSS, OR

LOCATION.--Lat 45°42'15", long 123°45'15", in NW ¼ sec.35, T.3 N., R.9 W., Tillamook County, Hydrologic Unit 17100202, on right bank 0.2 mi upstream from Cook Creek, 2.2 mi northeast of Foss, and at mile 13.5.

DRAINAGE AREA.--667 mi².

PERIOD OF RECORD.--October 1939 to current year.

GAGE.--Water-stage recorder. Datum of gage is 32.60 ft above NGVD of 1929 (State Highway Department bench mark). Prior to Nov. 11, 1939, nonrecording gage.

REMARKS.--Records good except for estimated daily discharges, which are fair. No regulation. Several small diversions for irrigation and domestic use upstream from station.

AVERAGE DISCHARGE.--66 years (water years 1940-2005), 2,645 ft³/s, 53.89 in/yr, 1,917,000 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 70,300 ft³/s Feb. 8, 1996, gage height, 29.56 ft, based on slope-area measurement of peak flow; minimum discharge, 34 ft³/s Aug. 29-31, 1967.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 19,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Jan. 18	unkwn	unknown	unknown	Mar. 27	0800	*15,700	*12.03

Minimum discharge, 100 ft³/s, Sept. 27-29, gage height, 1.11 ft.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	386	1,580	1,340	1,220	1,410	774	6,030	1,090	894	435	206	130
2	364	3,020	1,260	1,240	1,310	743	5,060	1,090	853	417	204	124
3	348	4,000	1,170	1,220	1,230	706	4,410	1,240	795	405	198	122
4	334	3,360	1,110	1,150	1,240	661	3,930	1,100	729	387	192	121
5	336	2,590	1,110	1,090	1,340	627	3,380	1,010	731	376	187	119
6	463	2,100	1,210	1,070	1,540	602	2,900	977	859	383	182	116
7	422	1,750	1,840	1,410	1,810	585	2,740	906	842	370	178	113
8	457	1,500	7,240	1,510	1,720	570	2,700	853	840	401	175	111
9	735	1,310	7,980	1,540	1,590	554	2,440	939	753	535	171	109
10	897	1,160	10,100	1,490	1,490	542	2,170	1,720	691	487	169	116
11	813	1,040	13,500	1,450	1,400	525	2,340	2,160	683	480	168	160
12	670	942	9,490	1,570	1,340	507	2,630	1,900	707	461	166	175
13	577	865	6,700	1,810	1,300	491	2,890	1,590	685	433	163	164
14	517	795	5,420	e1,750	1,250	476	2,920	1,370	641	412	161	157
15	477	e750	4,520	e1,700	1,170	465	2,840	1,300	592	387	157	149
16	457	e720	3,720	e1,850	1,110	473	4,620	1,310	559	368	154	134
17	1,030	e730	3,130	e7,800	1,050	497	5,540	1,270	595	354	155	133
18	1,510	e850	2,710	e14,000	990	482	5,420	1,740	630	333	156	127
19	2,190	973	2,390	11,000	944	520	4,700	2,940	715	315	154	123
20	2,000	979	2,130	7,850	907	1,470	3,910	3,130	632	300	151	119
21	1,700	916	1,910	5,780	865	2,060	3,230	2,820	596	287	148	116
22	1,430	853	1,800	4,510	822	1,990	2,720	2,530	550	280	146	113
23	1,340	819	1,650	3,670	782	1,680	2,340	2,270	525	272	142	110
24	1,270	858	1,510	3,080	750	1,480	2,060	1,970	496	267	138	107
25	1,220	1,830	1,490	2,660	723	1,380	1,830	1,710	473	261	135	105
26	1,280	2,010	1,700	2,360	696	3,060	1,740	1,490	459	251	130	103
27	1,210	1,790	1,580	2,130	673	13,700	1,590	1,300	477	240	128	102
28	1,180	1,550	1,450	1,910	695	13,100	1,420	1,150	510	230	126	101
29	1,060	1,390	1,360	1,780	---	11,100	1,290	1,040	510	225	141	103
30	1,210	1,370	1,280	1,680	---	9,460	1,180	962	479	218	139	176
31	1,370	---	1,230	1,540	---	7,330	---	893	---	211	139	---
TOTAL	29,253	44,400	105,030	94,820	32,147	78,610	92,970	47,770	19,501	10,781	4,959	3,758
MEAN	944	1,480	3,388	3,059	1,148	2,536	3,099	1,541	650	348	160	125
MAX	2,190	4,000	13,500	14,000	1,810	13,700	6,030	3,130	894	535	206	176
MIN	334	720	1,110	1,070	673	465	1,180	853	459	211	126	101
AC-FT	58,020	88,070	208,300	188,100	63,760	155,900	184,400	94,750	38,680	21,380	9,840	7,450
CFSM	1.41	2.22	5.08	4.59	1.72	3.80	4.65	2.31	0.97	0.52	0.24	0.19
IN.	1.63	2.48	5.86	5.29	1.79	4.38	5.19	2.66	1.09	0.60	0.28	0.21

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2005, BY WATER YEAR (WY)

MEAN	798	3,678	6,142	6,133	5,690	4,239	2,693	1,275	621	273	150	214
MAX	3,698	9,256	11,390	12,450	13,000	8,696	6,389	3,028	1,591	747	314	911
(WY)	(1998)	(1974)	(1956)	(1971)	(1999)	(1956)	(1996)	(1948)	(1968)	(1983)	(1968)	(1997)
MIN	69.9	154	599	596	1,066	1,171	1,149	520	250	137	62.5	63.6
(WY)	(1953)	(1994)	(1977)	(1977)	(1977)	(1992)	(1941)	(1989)	(1992)	(1967)	(1967)	(1967)

NEHALEM RIVER BASIN

14301000 NEHALEM RIVER NEAR FOSS, OR—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1940 - 2005	
ANNUAL TOTAL	698,699		563,999		2,645	
ANNUAL MEAN	1,909		1,545		4,292	1999
HIGHEST ANNUAL MEAN					1,044	2001
LOWEST ANNUAL MEAN					61,600	Feb 8, 1996
HIGHEST DAILY MEAN	19,400	Jan 30	14,000	Jan 18	36	Aug 29, 1967
LOWEST DAILY MEAN	115	Aug 20	101	Sep 28	38	Aug 26, 1967
ANNUAL SEVEN-DAY MINIMUM	123	Aug 15	104	Sep 23	1,917,000	
ANNUAL RUNOFF (AC-FT)	1,386,000		1,119,000		3.97	
ANNUAL RUNOFF (CFSM)	2.86		2.32		53.89	
ANNUAL RUNOFF (INCHES)	38.97		31.46		7,140	
10 PERCENT EXCEEDS	4,340		3,100		1,120	
50 PERCENT EXCEEDS	1,160		962		124	
90 PERCENT EXCEEDS	223		150			

e Estimated



2005 Water Year
NEHALEM RIVER BASIN

14301000 NEHALEM RIVER NEAR FOSS, OR

Latitude: 45° 42' 15"

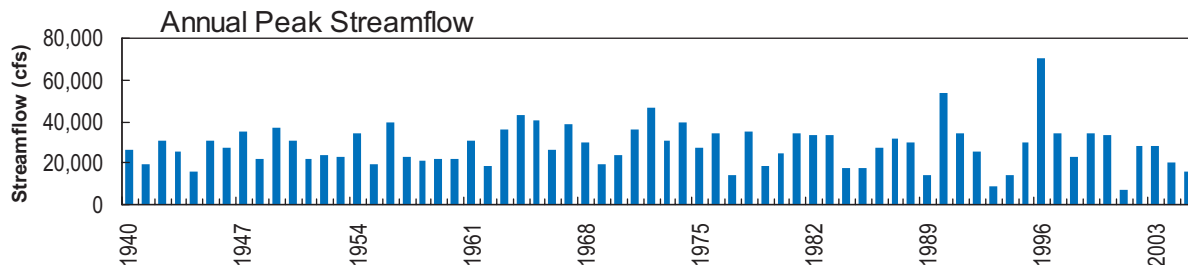
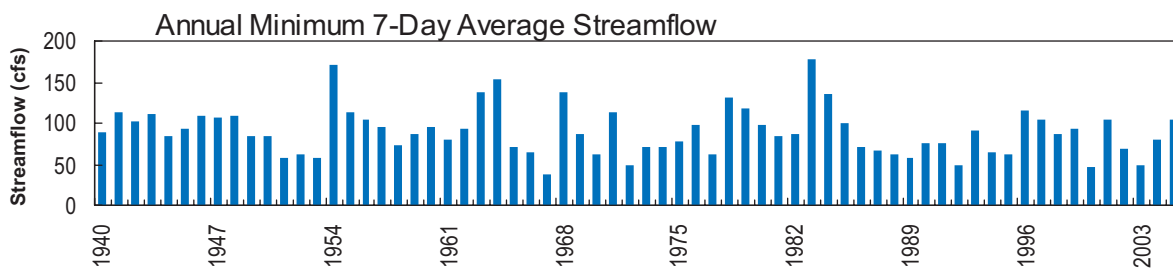
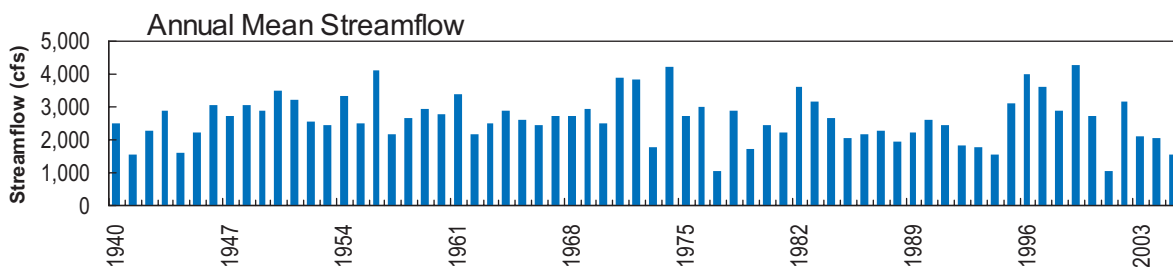
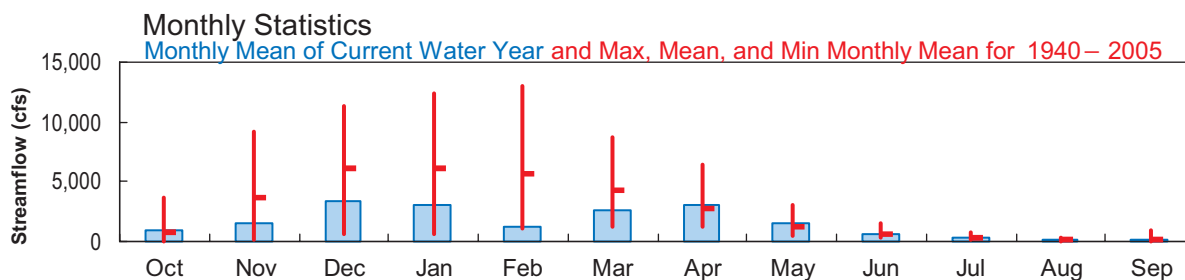
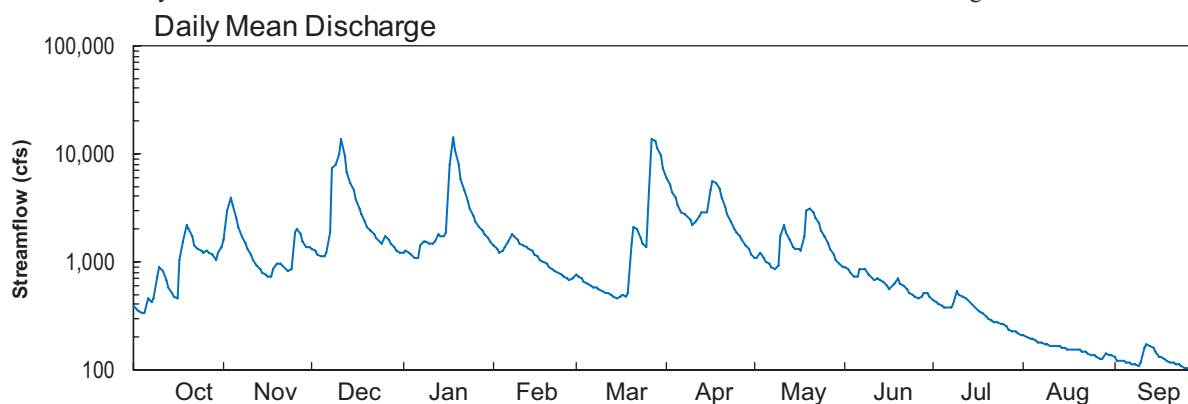
Longitude: 123° 45' 15"

Hydrologic Unit Code: 17100202

Tillamook County

Datum: 32.60 feet

Drainage Area: 667 mi²



WILSON RIVER BASIN

14301500 WILSON RIVER NEAR TILLAMOOK, OR

LOCATION.--Lat 45°28'34", long 123°43'26", in SE ¼ SE ¼ sec.13, T.1 S., R.9 W., Tillamook County, Hydrologic Unit 17100203, on right bank 1.3 mi downstream from Ming Creek, 6.0 mi east of Tillamook, and at mile 9.3.

DRAINAGE AREA.--161 mi².

PERIOD OF RECORD.--October 1914 to September 1915, August to November 1916, July 1931 to current year. Prior to January 1915 monthly discharge only, published in WSP 1318.

REVISED RECORDS.--WSP 1398: 1953. WSP 1738: Drainage area.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 42.12 ft above NGVD of 1929. Dec. 18, 1914 to Nov. 4, 1916 nonrecording gage at site 0.65 mi downstream, at different datum. July 30, 1931 to Sept. 30, 1938 nonrecording gage at site 0.08 mi upstream, at datum 0.93 ft higher. Oct. 1, 1938 to Oct. 17, 1968 water-stage recorder 0.1 mi upstream at same datum. Oct. 18, 1968 to Sept. 6, 1973 at site 2.19 mi upstream, at datum 29.76 ft higher. Sept. 7, 1973 to Sept. 30, 2003 at site 2.2 mi upstream, at datum 29.76 ft higher.

REMARKS.--No estimated daily discharges. Records good. No regulation. Small diversions for domestic use upstream from station.

AVERAGE DISCHARGE.--74 years (water years 1932-2005), 1,174 ft³/s, 99.05 in/yr, 850,300 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 36,000 ft³/s Jan. 20, 1972, gage height, 16.91 ft, site and datum then in use; maximum gage height, 19.59 ft Dec. 27, 1998, from floodmark, datum and site then in use; minimum discharge, 32 ft³/s Sept. 5, 1973, but may have been less for short period following a landslide Jan. 31, 1965.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in February 1916 reached a stage of 20.8 ft, from floodmark, site and datum then in use.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 12,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Jan 18	0200	*15,500	*13.05	Mar 27	0900	13,400	11.95

Minimum discharge, 60 ft³/s, Sept. 28, 29, gage height, 2.78 ft.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	282	877	689	624	620	362	2,490	512	471	230	127	87
2	262	2,210	633	572	576	327	2,200	510	427	219	123	84
3	250	2,460	596	529	545	309	2,020	471	397	216	123	81
4	240	1,710	588	509	578	289	1,840	457	370	208	120	79
5	235	1,300	612	468	623	278	1,590	435	391	206	114	78
6	398	1,050	681	496	742	272	1,370	413	615	228	112	78
7	286	877	1,250	629	797	264	1,300	392	588	206	110	77
8	354	754	4,900	662	722	258	1,220	394	539	242	107	76
9	632	667	3,640	611	668	250	1,070	431	482	316	105	74
10	680	596	6,340	576	628	246	972	717	438	263	104	83
11	532	538	8,870	543	599	241	1,190	743	424	269	102	113
12	452	493	4,630	623	594	237	1,400	641	403	280	101	85
13	399	463	2,990	720	567	227	1,530	559	388	264	103	81
14	359	429	2,490	683	526	218	1,490	524	361	254	100	78
15	331	421	2,110	668	496	214	1,440	542	344	234	95	75
16	316	408	1,760	731	471	220	3,010	585	337	220	95	74
17	630	411	1,490	3,590	441	228	3,030	562	374	217	96	76
18	928	503	1,290	12,200	428	218	2,450	1,030	414	205	100	77
19	1,290	475	1,140	5,840	413	257	2,030	1,440	374	188	95	73
20	1,150	424	1,000	3,540	397	706	1,680	1,350	339	180	92	72
21	916	394	905	2,530	376	844	1,420	1,180	313	177	90	69
22	835	380	859	1,940	360	666	1,210	1,150	304	169	90	67
23	787	375	776	1,560	338	555	1,040	1,070	295	164	87	67
24	761	438	724	1,290	311	482	919	948	280	155	89	65
25	736	1,340	740	1,100	306	441	813	847	269	151	89	65
26	835	1,140	879	980	299	2,150	740	759	258	152	82	65
27	753	902	785	891	292	10,100	673	668	276	145	83	64
28	675	751	724	796	307	5,150	620	593	268	139	82	62
29	615	668	680	818	---	5,010	570	534	259	136	118	67
30	765	705	633	731	---	3,830	541	503	241	132	102	208
31	794	---	623	680	---	2,790	---	460	---	132	91	---
TOTAL	18,478	24,159	56,027	48,130	14,020	37,639	43,868	21,420	11,239	6,297	3,127	2,400
MEAN	596	805	1,807	1,553	501	1,214	1,462	691	375	203	101	80.0
MAX	1,290	2,460	8,870	12,200	797	10,100	3,030	1,440	615	316	127	208
MIN	235	375	588	468	292	214	541	392	241	132	82	62
AC-FT	36,650	47,920	111,100	95,470	27,810	74,660	87,010	42,490	22,290	12,490	6,200	4,760
CF5M	3.70	5.00	11.2	9.64	3.11	7.54	9.08	4.29	2.33	1.26	0.63	0.50
IN.	4.27	5.58	12.95	11.12	3.24	8.70	10.14	4.95	2.60	1.45	0.72	0.55

WILSON RIVER BASIN

14301500 WILSON RIVER NEAR TILLAMOOK, OR—Continued

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1932 - 2005, BY WATER YEAR (WY)												
MEAN	554	1,861	2,681	2,502	2,201	1,773	1,176	618	341	166	106	157
MAX	2,249	4,266	7,988	5,776	5,166	3,637	2,622	1,391	876	514	241	780
(WY)	(1998)	(1996)	(1934)	(1953)	(1999)	(1956)	(1991)	(1933)	(1933)	(1983)	(2004)	(1959)
MIN	43.5	87.2	378	344	501	406	426	202	131	76.5	44.3	40.1
(WY)	(1988)	(1937)	(1977)	(1977)	(2005)	(1992)	(1939)	(1939)	(1992)	(1992)	(1967)	(1967)
SUMMARY STATISTICS												
				FOR 2004 CALENDAR YEAR			FOR 2005 WATER YEAR			WATER YEARS 1932 - 2005		
ANNUAL TOTAL				343,698			286,804					
ANNUAL MEAN				939			786			1,174		
HIGHEST ANNUAL MEAN										1,811		
LOWEST ANNUAL MEAN										495		
HIGHEST DAILY MEAN				11,600			12,200			28,000		
LOWEST DAILY MEAN				83			62			34		
ANNUAL SEVEN-DAY MINIMUM				86			65			35		
ANNUAL RUNOFF (AC-FT)				681,700			568,900			850,300		
ANNUAL RUNOFF (CFSM)				5.83			4.88			7.29		
ANNUAL RUNOFF (INCHES)				79.41			66.27			99.05		
10 PERCENT EXCEEDS				1,990			1,510			2,910		
50 PERCENT EXCEEDS				619			471			565		
90 PERCENT EXCEEDS				151			91			86		



2005 Water Year
WILSON RIVER BASIN

14301500 WILSON RIVER NEAR TILLAMOOK, OR

Latitude: 45° 28' 34"

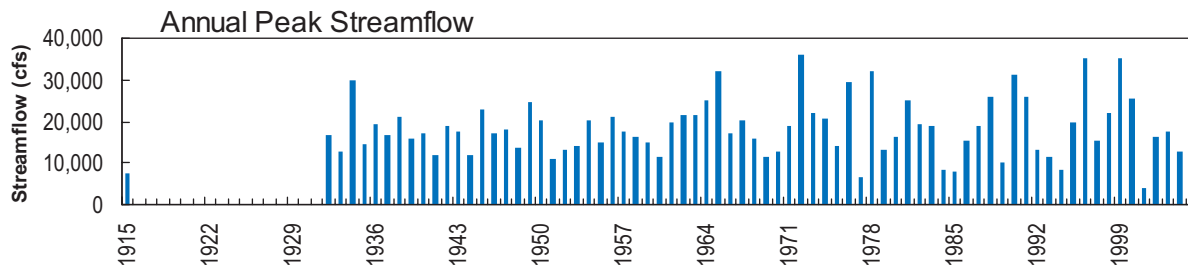
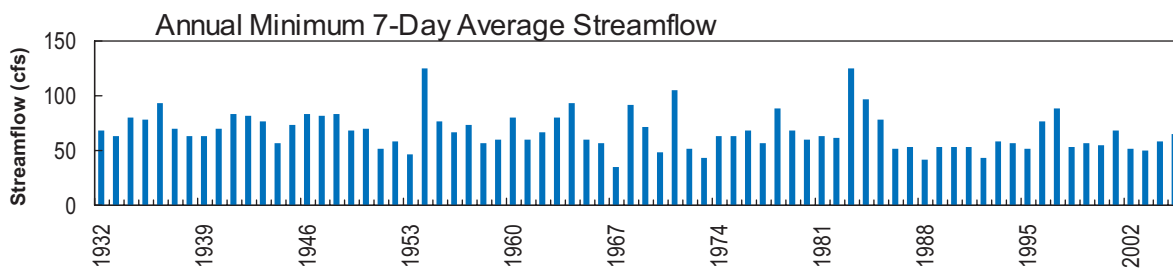
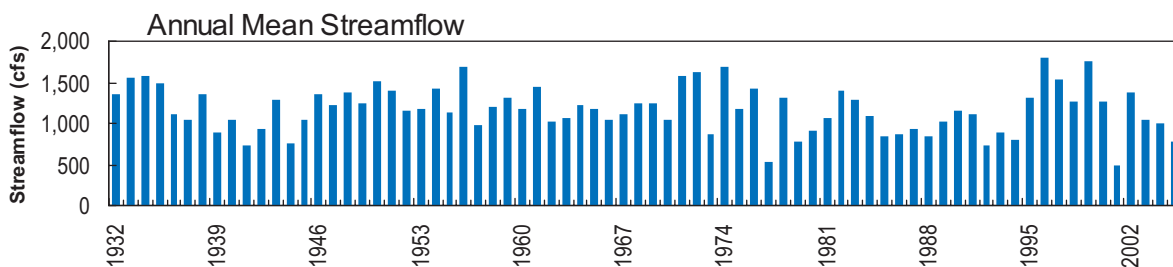
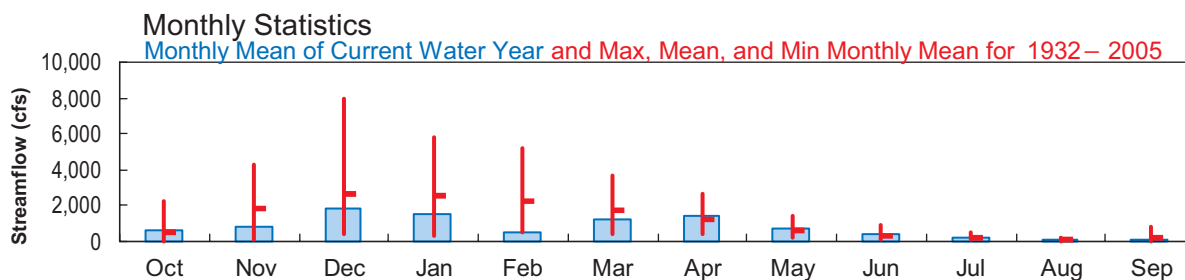
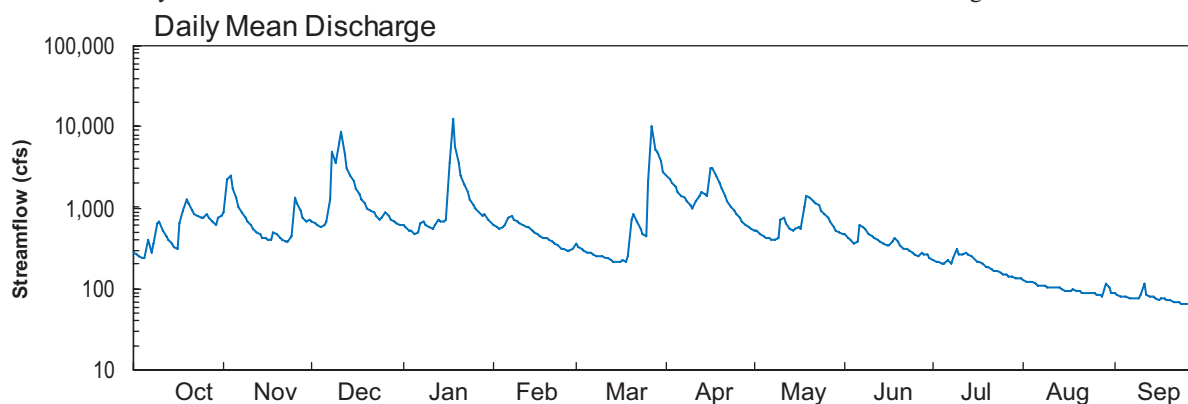
Longitude: 123° 43' 26"

Hydrologic Unit Code: 17100203

Tillamook County

Datum: 42.12 feet

Drainage Area: 161 mi²



TRASK RIVER BASIN

14302480 TRASK RIVER ABOVE CEDAR CREEK, NEAR TILLAMOOK, OR

LOCATION.--Lat 45°26'47", long 123°42'33", in NW ¼ SE ¼ sec.30, T.1 S., R.8 W., Tillamook County, Hydrologic Unit 17100203, on right bank 0.1 mi upstream from Cedar Creek, 6.8 mi east of Tillamook and at mile 10.95.

DRAINAGE AREA.--156 mi², at Long Prairie Road bridge, 4.0 mi downstream, where all discharge measurements are made.

PERIOD OF RECORD.--April 1996 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 70 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. No regulation. Water diverted from the J.W. Barney Reservoir (capacity 20,000 acre-ft) on the Middle Fork of the North Fork of the Trask River to the Tualatin River by the City of Hillsboro and Oregon Department of Fish and Wildlife.

AVERAGE DISCHARGE.--9 years (water years 1997-2005), 983 ft³/s, 85.61 in/yr, 712,100 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 22,500 ft³/s Nov. 25, 1999, gage height, 21.77 ft; minimum discharge, 56 ft³/s Sept. 24, 26, 27, Oct. 31 to Nov. 1, 2002.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Feb. 8, 1996 reached a stage of 23.2 ft, from floodmark; discharge, 25,800 ft³/s, from slope-area measurement of peak discharge..

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 9,300 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar. 27	0800	*7,860	*14.06				

Minimum discharge, 72 ft³/s, Sept. 27-29, gage height, 6.45 ft.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	289	605	e600	523	524	340	1,990	606	590	268	135	99
2	275	e1,500	e550	491	495	302	1,710	593	533	260	139	93
3	266	e1,900	e525	462	470	288	1,540	562	495	253	133	92
4	257	e1,300	e525	442	511	279	1,430	550	467	243	127	90
5	251	e1,100	e550	422	555	273	1,270	527	482	234	123	89
6	367	e850	e600	426	597	267	1,140	521	731	250	122	89
7	283	e700	e1,000	485	648	261	1,170	503	680	236	122	87
8	339	e600	e3,600	507	590	255	1,150	500	607	248	119	85
9	421	e530	2,740	485	552	249	1,040	561	550	283	118	87
10	376	484	3,640	471	520	244	970	846	517	242	117	92
11	340	446	5,420	452	494	239	1,120	783	516	253	117	100
12	313	418	3,360	530	488	233	1,230	678	496	251	116	92
13	293	396	2,220	623	472	227	1,320	615	473	234	113	87
14	277	374	1,780	596	448	222	1,300	589	445	219	108	84
15	266	366	1,440	591	428	218	1,250	602	423	209	105	82
16	265	356	1,210	594	411	225	2,050	615	413	199	105	82
17	449	353	1,040	1,370	395	244	2,200	596	440	194	108	85
18	556	425	911	5,910	380	221	1,960	881	445	187	113	83
19	e800	388	823	3,340	367	251	1,680	1,110	406	178	105	80
20	e700	355	740	2,160	354	540	1,450	1,120	377	174	102	78
21	608	336	680	1,600	340	558	1,250	1,040	364	170	101	77
22	582	325	641	1,270	329	442	1,100	1,020	358	170	101	77
23	578	325	587	1,060	318	393	1,000	930	339	168	100	77
24	576	387	548	919	310	364	914	840	320	162	100	76
25	566	e1,000	566	814	302	341	835	766	304	159	97	75
26	e640	e900	635	739	294	1,190	777	697	298	154	92	75
27	595	e750	553	687	288	6,260	727	642	316	148	92	74
28	541	e650	516	634	308	3,740	688	602	313	144	91	75
29	501	e600	500	656	---	3,970	661	568	295	142	128	77
30	e570	e625	475	604	---	3,170	635	543	280	139	131	214
31	e580	---	492	564	---	2,290	---	519	---	137	105	---
TOTAL	13,720	19,344	39,467	30,427	12,188	28,096	37,557	21,525	13,273	6,308	3,485	2,653
MEAN	443	645	1,273	982	435	906	1,252	694	442	203	112	88.4
MAX	800	1,900	5,420	5,910	648	6,260	2,200	1,120	731	283	139	214
MIN	251	325	475	422	288	218	635	500	280	137	91	74
AC-FT	27,210	38,370	78,280	60,350	24,170	55,730	74,490	42,690	26,330	12,510	6,910	5,260
CFSM	2.84	4.13	8.16	6.29	2.79	5.81	8.03	4.45	2.84	1.30	0.72	0.57
IN.	3.27	4.61	9.41	7.26	2.91	6.70	8.96	5.13	3.17	1.50	0.83	0.63

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2005, BY WATER YEAR (WY)

MEAN	415	1,346	2,334	2,060	1,725	1,581	911	613	385	179	118	159
MAX	1,688	2,370	4,157	2,893	4,345	2,658	1,257	857	622	254	243	475
(WY)	(1998)	(2000)	(1997)	(1998)	(1999)	(2003)	(2002)	(1999)	(2000)	(1997)	(2004)	(2004)
MIN	65.5	333	849	570	435	673	538	402	226	106	71.5	67.5
(WY)	(2003)	(2003)	(2001)	(2001)	(2005)	(2001)	(2000)	(2002)	(2002)	(2003)	(2003)	(2002)

TRASK RIVER BASIN

14302480 TRASK RIVER ABOVE CEDAR CREEK, NEAR TILLAMOOK, OR—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1997 - 2005	
ANNUAL TOTAL	287,407		228,043			
ANNUAL MEAN	785		625		983	
HIGHEST ANNUAL MEAN					1,449	1999
LOWEST ANNUAL MEAN					461	2001
HIGHEST DAILY MEAN	9,680	Jan 29	6,260	Mar 27	17,300	Nov 25, 1999
LOWEST DAILY MEAN	96	Aug 20	74	Sep 27	58	Sep 25, 2002
ANNUAL SEVEN-DAY MINIMUM	99	Aug 15	76	Sep 22	59	Sep 23, 2002
ANNUAL RUNOFF (AC-FT)	570,100		452,300		712,100	
ANNUAL RUNOFF (CFSM)	5.03		4.00		6.30	
ANNUAL RUNOFF (INCHES)	68.54		54.38		85.61	
10 PERCENT EXCEEDS	1,650		1,240		2,370	
50 PERCENT EXCEEDS	549		462		517	
90 PERCENT EXCEEDS	160		101		89	

e Estimated

TRASK RIVER BASIN

14302480 TRASK RIVER ABOVE CEDAR CREEK, NEAR TILLAMOOK, OR—Continued



2005 Water Year TRASK RIVER BASIN

14302480 TRASK RIVER ABOVE CEDAR CREEK, NEAR TILLAMOOK, OR

Latitude: 45° 26' 47"

Longitude: 123° 42' 33"

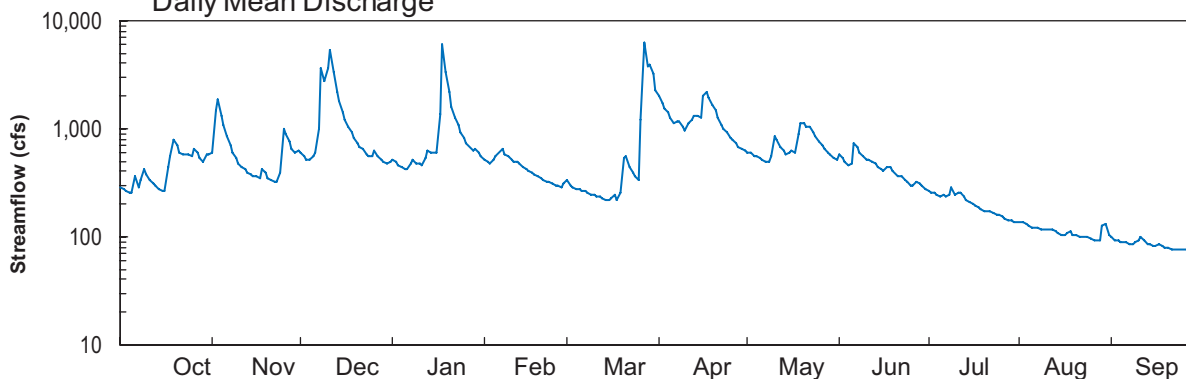
Hydrologic Unit Code: 17100203

Tillamook County

Datum: 70 feet

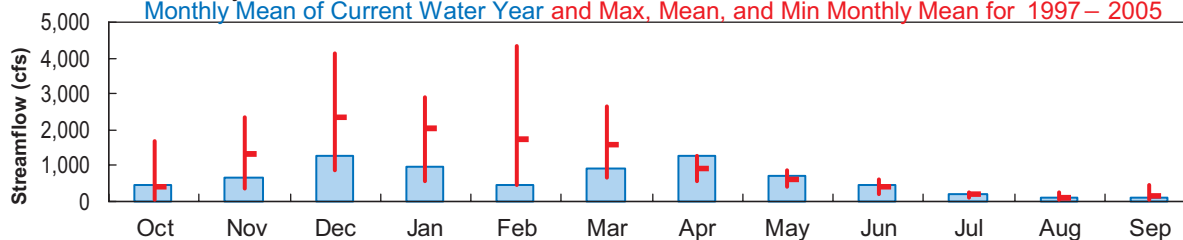
Drainage Area: 156 mi²

Daily Mean Discharge

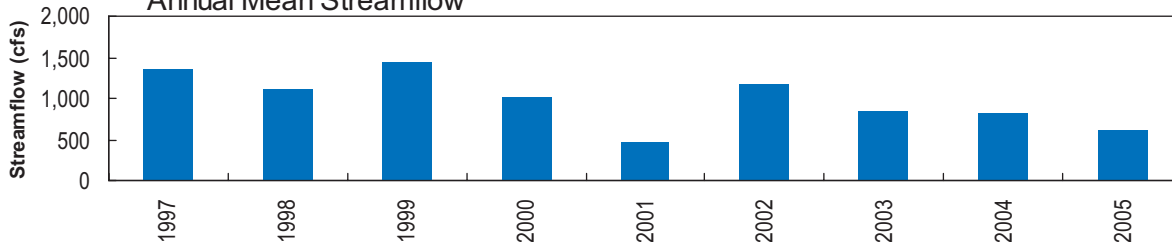


Monthly Statistics

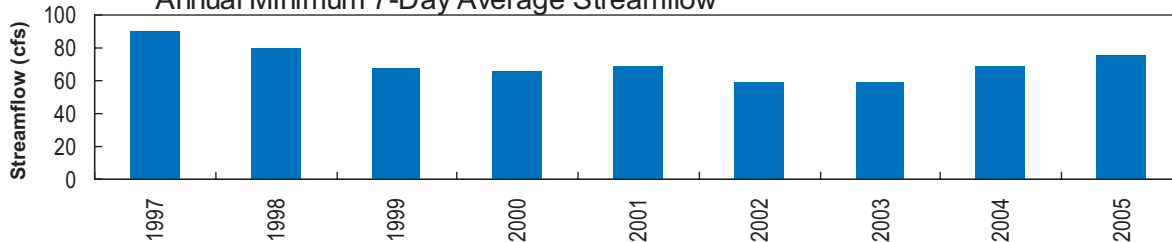
Monthly Mean of Current Water Year and Max, Mean, and Min Monthly Mean for 1997 – 2005



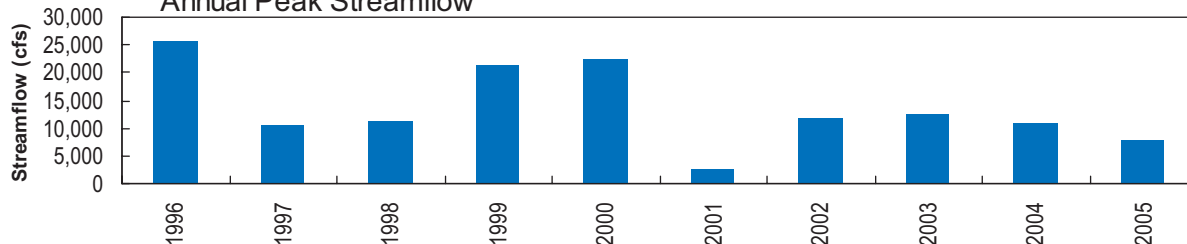
Annual Mean Streamflow



Annual Minimum 7-Day Average Streamflow



Annual Peak Streamflow



NESTUCCA RIVER BASIN

14302800 MCGUIRE LAKE NEAR FAIRDALE, OR

LOCATION.--Lat 45°18'30", long 123°24'30", in NW ¼ SE ¼ sec.15, T.3 S., R.6 W., Yamhill County, Hydrologic Unit 17100203, on control tower in reservoir on Nestucca River, 0.3 mi upstream from Walker Creek, and 5.0 mi southwest of Fairdale.

DRAINAGE AREA.--2.85 mi².

PERIOD OF RECORD.--October 1970 to current year.

GAGE.--Nonrecording gage. Datum of gage is NGVD of 1929.

REMARKS.--Reservoir is formed by earthfill dam with ungated spillway. Capacity of reservoir is 3,840 acre-ft between elevations 1,807.0 ft and 1,895.5 ft. Dead storage negligible. Under normal operation, reservoir is filled in the spring (April or May) and drained when fall rains start. There is no planned storage during winter months; however, during periods of heavy runoff, inflow may be greater than capacity of outlet tunnel and there may be temporary storage. Water is used during summer months for municipal supply of city of McMinnville.

COOPERATION.--Elevation and capacity table furnished by city of McMinnville Water and Light Department. Elevations based on once-daily staff gage readings.

EXTREMES FOR PERIOD OF RECORD.--Maximum observed contents, 7,380 acre-ft June 29, 30, July 3, 5-15, 2005, elevation, 1,884.4 ft; no contents during most winter months prior to reservoir expansion in 2003.

EXTREMES FOR CURRENT YEAR.--Maximum observed contents, 7,380 acre-ft June 29, 30, July 3, 5-15, elevation, 1,884.4 ft; minimum contents observed, 1,370 acre-ft Oct. 1-7, elevation, 1,842.90 ft.

MONTHEND ELEVATION AND CONTENTS AT 2400 WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Elevation (feet)	Contents (millions of acre-ft)	Change in contents (millions of cubic feet)
Sept.30	1,843.0	1,370	-
Oct. 31	1,846.2	1,630	+260
Nov. 30	1,849.9	1,950	+320
Dec. 31	1,859.3	2,980	+1,030
CAL YR 2004	-	-	+2,529
Jan. 31	1,867.0	4,120	+1,140
Feb. 28	1,869.3	4,490	+370
Mar. 31	1,875.7	5,620	+1,130
Apr. 30	1,880.7	6,600	+980
May 31	1,883.2	7,120	+520
June 30	1,884.4	7,380	+260
July 31	1,882.9	7,060	-320
Aug. 31	1,878.5	6,160	-900
Sept.30	1,847.8	1,770	-4,390
WTR YR 2005	-	-	+400

NESTUCCA RIVER BASIN

14302900 NESTUCCA RIVER NEAR FAIRDALE, OR

LOCATION.--Lat 45°18'40", long 123°25'05", in SW ¼ NW ¼ sec.15, T.3 S., R.6 W., Yamhill County, Hydrologic Unit 17100203, on right bank 100 ft upstream from former Meadow Lake, 0.4 mi downstream from Walker Creek, 5.3 mi southwest of Fairdale, and at mile 49.3.

DRAINAGE AREA.--6.18 mi².

PERIOD OF RECORD.--June 1960 to current year.

REVISED RECORDS.--WDR OR-97-1: 1994-95 (adjusted discharge), WDR OR-00-1: 1999 (adjusted discharge).

GAGE.--Water-stage recorder. Datum of gage is 1,778.99 ft above NGVD of 1929 (levels by city of McMinnville).

REMARKS.--No estimated daily discharges. Records good. Flow regulated since March 1969 by McGuire Lake (station 14302800) about 1 mi upstream from gage. During winter months lake is empty except when inflow exceeds capacity of outlet tunnel. Trans-basin diversion upstream from station to Haskins Creek Basin (see station 14196001). About 1,730 acre-ft diverted during the 2005 water year, primarily during summer and fall.

AVERAGE DISCHARGE.--45 years (water years 1961-2005), 31.1 ft³/s, 68.34 in/yr, 22,530 acre-ft/yr, adjusted for storage and diversion.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 876 ft³/s Dec. 22, 1964, gage height, 10.43 ft; minimum discharge, 0.16 ft³/s Sept. 13, 14, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 228 ft³/s Mar. 27, gage height, 4.77 ft; minimum discharge, 1.4 ft³/s Aug. 23, 26.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.9	13	8.3	14	13	8.5	36	8.2	7.7	4.2	2.9	2.1
2	1.9	26	7.5	11	12	6.7	28	7.7	7.2	4.2	2.9	2.1
3	1.9	24	7.2	10	11	6.2	26	7.1	6.7	4.1	2.7	2.1
4	1.9	19	7.2	10	12	5.8	23	7.6	6.4	4.0	2.7	2.1
5	1.9	15	7.8	9.0	13	5.4	19	6.7	8.3	3.9	2.7	2.0
6	3.9	12	10	9.2	14	5.1	17	6.5	17	4.1	2.5	2.0
7	2.4	10	35	12	13	5.1	18	6.2	13	3.9	2.5	2.0
8	6.0	8.7	89	11	12	5.1	20	6.7	10	4.1	2.5	2.0
9	5.6	7.9	55	9.5	11	4.8	17	8.0	9.1	4.3	2.5	2.0
10	3.8	7.2	61	9.2	10	4.6	16	9.3	8.4	4.2	2.5	2.2
11	3.3	6.6	72	8.5	9.9	4.6	21	7.4	7.9	4.5	2.5	2.7
12	2.8	6.1	50	14	9.7	4.6	23	6.9	7.5	4.3	2.5	2.5
13	2.6	5.9	36	15	9.4	4.3	25	6.5	7.0	3.9	2.5	2.3
14	2.4	5.6	30	13	8.6	4.2	25	6.7	6.6	3.8	2.5	2.2
15	2.4	6.0	22	13	8.4	4.2	23	7.2	6.3	3.6	2.5	2.2
16	2.4	5.8	18	14	7.8	4.8	37	7.2	6.3	3.6	2.5	2.1
17	8.0	5.7	16	47	7.0	5.0	35	9.0	8.1	3.6	2.4	2.1
18	21	8.7	14	128	6.8	4.5	32	32	7.1	3.5	2.5	2.3
19	27	7.0	12	78	6.7	8.3	27	33	6.3	3.3	2.3	2.1
20	16	6.1	11	53	6.6	24	22	31	5.9	3.2	2.2	2.0
21	13	5.6	10	38	6.3	19	19	25	5.6	3.2	2.2	2.0
22	12	5.6	9.5	28	6.0	14	16	23	5.5	3.3	2.3	2.0
23	10	5.4	8.5	22	5.6	13	15	18	5.1	3.2	2.2	2.1
24	8.9	5.8	8.0	18	5.6	12	13	16	5.0	3.2	2.2	2.1
25	12	17	10	15	5.6	11	12	13	4.6	3.2	2.2	2.1
26	16	11	13	13	5.4	43	10	12	4.6	3.2	2.0	2.1
27	13	9.8	9.8	11	5.3	154	9.7	10	5.1	3.2	2.1	2.1
28	11	8.7	8.8	12	8.1	84	9.5	9.1	4.9	3.0	2.1	2.1
29	9.9	8.2	8.5	21	---	87	9.3	8.5	4.5	3.0	2.2	2.1
30	15	9.4	8.3	16	---	60	8.7	7.9	4.4	2.9	2.3	3.8
31	14	---	9.5	14	---	42	---	7.9	---	2.9	2.2	---
TOTAL	253.9	292.8	672.9	696.4	249.8	664.8	612.2	371.3	212.1	112.6	74.8	65.6
MEAN	8.19	9.76	21.7	22.5	8.92	21.4	20.4	12.0	7.07	3.63	2.41	2.19
MAX	27	26	89	128	14	154	37	33	17	4.5	2.9	3.8
MIN	1.9	5.4	7.2	8.5	5.3	4.2	8.7	6.2	4.4	2.9	2.0	2.0
AC-FT	504	581	1,330	1,380	495	1,320	1,210	736	421	223	148	130
MEAN†	13.2	15.1	38.4	41.0	15.6	39.8	36.8	20.5	11.4	3.71	-0.39	-61.1
CFSM†	2.14	2.44	6.21	6.63	2.52	6.44	5.95	3.32	1.84	0.60	-0.06	-9.89
IN.†	2.46	2.73	7.16	7.65	2.63	7.44	6.65	3.82	2.07	0.69	-0.07	-11.02
AC-FT†	811	901	2,360	2,520	865	2,450	2,190	1,260	681	228	-24	-3,633

CAL YR2004 TOTAL 7,004.5 MEAN 19.1 MAX 300 MIN 1.1 AC-FT 13,890 MEAN† 24.8 CFSM† 4.01 IN.† 54.56 AC-FT† 17,980
WTR YR2005 TOTAL 4,279.2 MEAN 11.7 MAX 154 MIN 1.9 AC-FT 8,490 MEAN† 14.7 CFSM† 2.38 IN.† 32.3 AC-FT† 10,630

† Adjusted for storage and diversion from McGuire Lake.

Note - Negative values for adjusted values during summer period are a result of evaporation exceeding inflows to McGuire Lake.



2005 Water Year
NESTUCCA RIVER BASIN

14302900 NESTUCCA RIVER NEAR FAIRDALE, OR

Latitude: 45° 18' 40"

Longitude: 123° 25' 05"

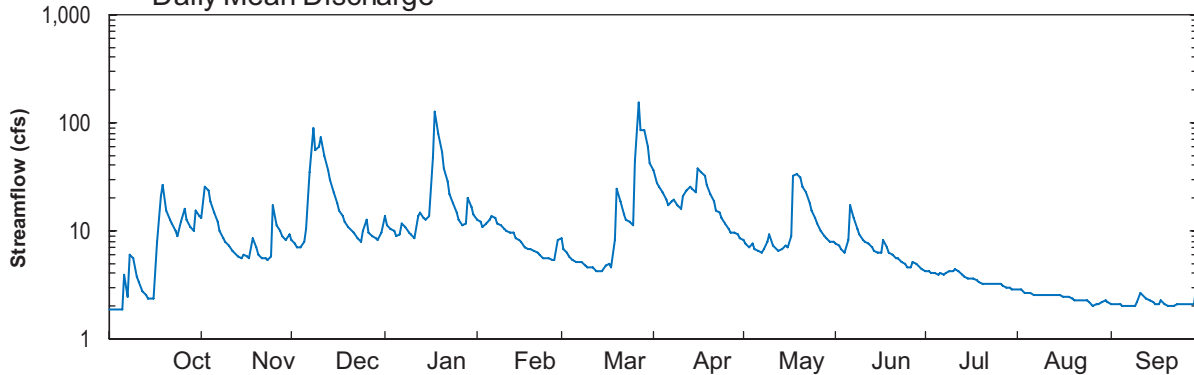
Hydrologic Unit Code: 17100203

Yamhill County

Datum: 1778.99 feet

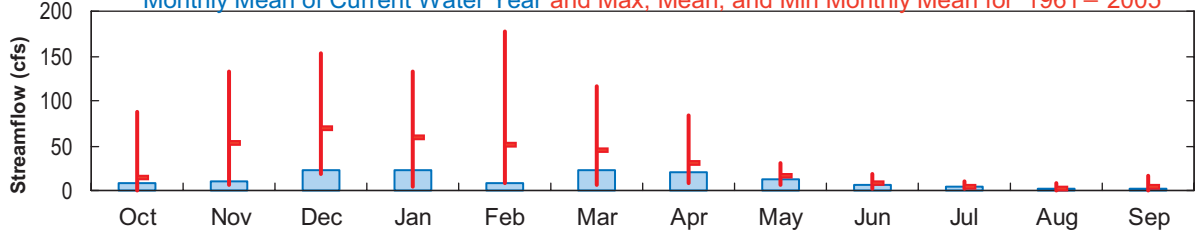
Drainage Area: 6.18 mi²

Daily Mean Discharge

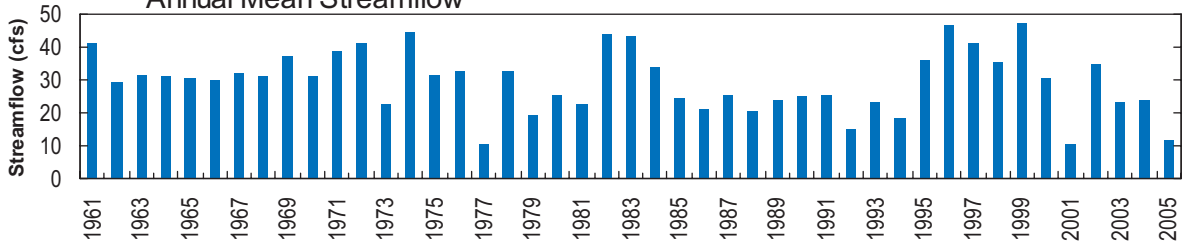


Monthly Statistics

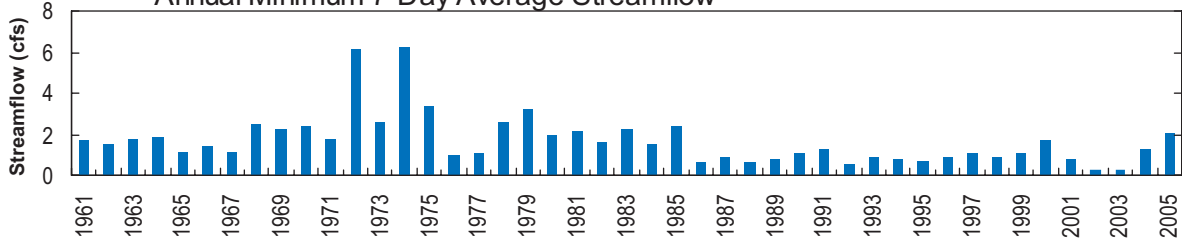
Monthly Mean of Current Water Year and Max, Mean, and Min Monthly Mean for 1961 – 2005



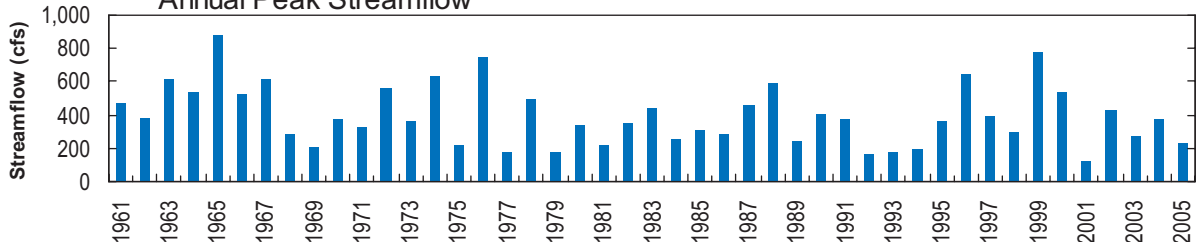
Annual Mean Streamflow



Annual Minimum 7-Day Average Streamflow



Annual Peak Streamflow



NESTUCCA RIVER BASIN

14303200 TUCCA CREEK NEAR BLAINE, OR

LOCATION.--Lat 45°19'28", long 123°32'43", in SE ¼ NW ¼ sec.9, T.3 S., R.7 W., Tillamook County, Hydrologic Unit 17100203, on right bank at road bridge, 80 ft upstream from confluence with Elk Creek and 8 mi northeast of Blaine.

DRAINAGE AREA.--3.09 mi².

PERIOD OF RECORD.--July 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,400 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except those for the period Sept. 1-30, which are fair and estimated daily discharges, which are poor.

AVERAGE DISCHARGE.--22 years (water years 1984-2005), 16.9 ft³/s, 74.10 in/yr, 12,210 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 680 ft³/s Feb. 6, 1996, gage height, 4.30 ft, from rating curve extended above 190 ft³/s on basis of slope-area measurement of peak flow; maximum gage height, 5.49 ft, Dec. 27, 1998; minimum discharge, 0.46 ft³/s Sept. 30, Oct. 1, 2, 1987.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 180 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Jan. 18	0715	*92	*3.33				

Minimum discharge, 1.2 ft³/s, Sept. 24-29, gage height, 1.79 ft.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.4	17	13	13	12	6.7	33	9.7	11	5.5	2.8	1.5
2	5.2	29	12	13	12	6.1	28	9.2	9.6	5.4	2.8	1.6
3	4.9	35	11	12	11	5.9	25	8.7	8.8	5.2	2.7	1.6
4	4.6	31	11	12	11	5.7	23	8.4	8.5	5.0	2.6	1.6
5	4.6	26	11	12	12	5.6	21	8.0	9.4	4.9	2.6	1.6
6	7.5	22	12	12	12	5.4	19	7.9	18	5.2	2.6	1.5
7	5.1	18	20	13	12	5.3	19	7.4	18	4.9	2.5	1.5
8	7.4	16	51	12	12	5.1	18	7.5	17	5.4	2.5	1.5
9	8.1	14	50	12	12	5.0	17	8.3	16	5.4	2.4	1.7
10	7.1	12	64	11	12	4.9	16	9.0	15	4.9	2.4	2.0
11	6.3	11	81	11	11	4.8	18	8.2	14	5.1	2.4	2.1
12	5.9	10	60	14	11	4.7	19	7.8	13	5.0	2.4	1.8
13	5.7	9.2	42	14	11	4.7	20	7.5	12	4.6	2.3	1.7
14	5.4	8.5	35	15	10	4.5	21	7.6	11	4.4	2.2	1.7
15	5.3	8.3	29	16	9.7	4.5	21	8.4	10	4.2	2.2	1.6
16	5.3	7.7	26	16	9.3	4.6	27	8.9	10	4.1	2.2	1.7
17	8.5	7.3	24	32	8.8	4.5	30	8.9	9.9	4.0	2.3	1.6
18	13	9.2	21	85	8.6	4.3	31	15	9.2	3.7	2.3	1.5
19	19	7.7	20	60	8.2	5.0	29	21	8.5	3.7	2.1	1.5
20	18	7.0	18	42	7.8	7.4	27	24	8.1	3.6	2.0	1.5
21	16	6.6	17	32	7.6	7.1	24	23	7.9	3.6	2.0	1.5
22	17	6.3	16	26	7.4	6.3	21	22	7.7	3.5	2.0	1.5
23	16	6.3	14	23	7.1	5.9	19	19	7.2	3.4	2.0	1.5
24	14	6.8	14	20	6.8	5.7	17	18	6.9	3.4	2.0	1.4
25	15	20	14	17	6.6	5.5	15	16	6.7	3.3	1.9	1.2
26	16	17	14	15	6.5	16	14	15	6.6	3.2	1.9	1.2
27	14	16	13	14	6.3	57	13	14	6.8	3.1	1.8	1.2
28	13	15	12	13	6.9	51	12	13	6.4	3.0	1.8	1.3
29	13	14	12	15	---	61	11	12	6.0	3.0	e2.0	1.3
30	17	14	11	13	---	51	10	11	5.7	2.9	e2.1	4.2
31	16	---	12	13	---	39	---	10	---	2.8	e1.7	---
TOTAL	319.3	427.9	760	628	268.6	410.2	618	374.4	304.9	129.4	69.5	49.1
MEAN	10.3	14.3	24.5	20.3	9.59	13.2	20.6	12.1	10.2	4.17	2.24	1.64
MAX	19	35	81	85	12	61	33	24	18	5.5	2.8	4.2
MIN	4.6	6.3	11	11	6.3	4.3	10	7.4	5.7	2.8	1.7	1.2
AC-FT	633	849	1,510	1,250	533	814	1,230	743	605	257	138	97
CFSM	3.33	4.62	7.93	6.56	3.10	4.28	6.67	3.91	3.29	1.35	0.73	0.53
IN.	3.84	5.15	9.15	7.56	3.23	4.94	7.44	4.51	3.67	1.56	0.84	0.59

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 2005, BY WATER YEAR (WY)

MEAN	5.80	29.1	35.9	33.3	32.7	24.3	17.8	10.5	6.85	3.10	1.85	2.10
MAX	29.2	66.1	98.5	60.0	98.0	43.4	41.4	18.7	12.0	4.49	3.79	7.64
(WY)	(1998)	(1996)	(1997)	(1999)	(1999)	(2003)	(1996)	(1984)	(1990)	(1997)	(2004)	(1997)
MIN	0.95	1.76	15.9	9.03	9.59	6.59	8.66	4.02	2.40	1.65	1.11	0.91
(WY)	(1988)	(1994)	(1987)	(2001)	(2005)	(1992)	(2000)	(1989)	(1992)	(1992)	(1986)	(1987)

NESTUCCA RIVER BASIN

14303200 TUCCA CREEK NEAR BLAINE, OR—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1984 - 2005	
ANNUAL TOTAL	5,371.0		4,359.3		16.9	
ANNUAL MEAN	14.7		11.9		29.4	
HIGHEST ANNUAL MEAN					7.65	
LOWEST ANNUAL MEAN					2001	
HIGHEST DAILY MEAN	149	Jan 29	85	Jan 18	460	Feb 8, 1996
LOWEST DAILY MEAN	1.8	Aug 19	1.2	Sep 25	0.55	Oct 1, 1987
ANNUAL SEVEN-DAY MINIMUM	1.9	Aug 15	1.3	Sep 23	0.63	Sep 28, 1987
ANNUAL RUNOFF (AC-FT)	10,650		8,650		12,210	
ANNUAL RUNOFF (CFSM)	4.75		3.87		5.45	
ANNUAL RUNOFF (INCHES)	64.66		52.48		74.10	
10 PERCENT EXCEEDS	29		23		39	
50 PERCENT EXCEEDS	11		8.9		8.6	
90 PERCENT EXCEEDS	3.1		2.0		1.4	

e Estimated



2005 Water Year
NESTUCCA RIVER BASIN
14303200 TUCCA CREEK NEAR BLAINE, OR

Latitude: 45° 19' 28"

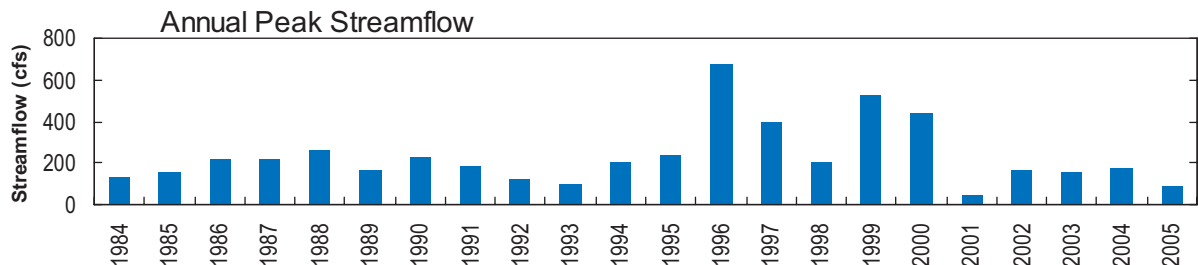
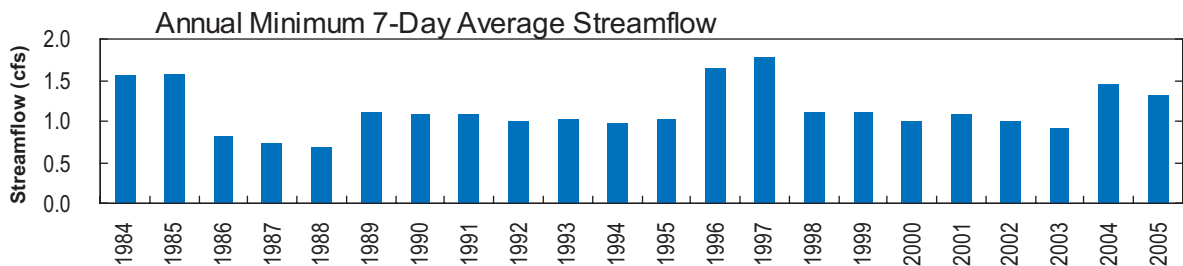
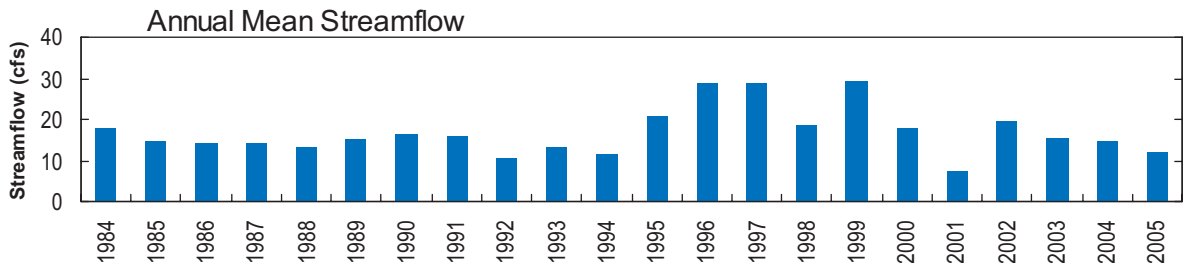
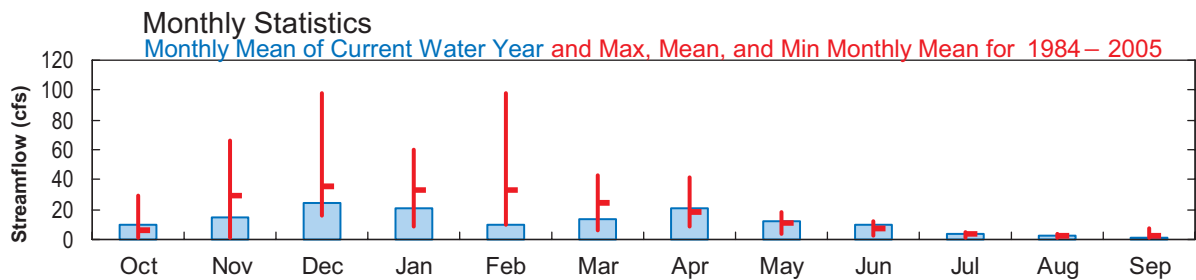
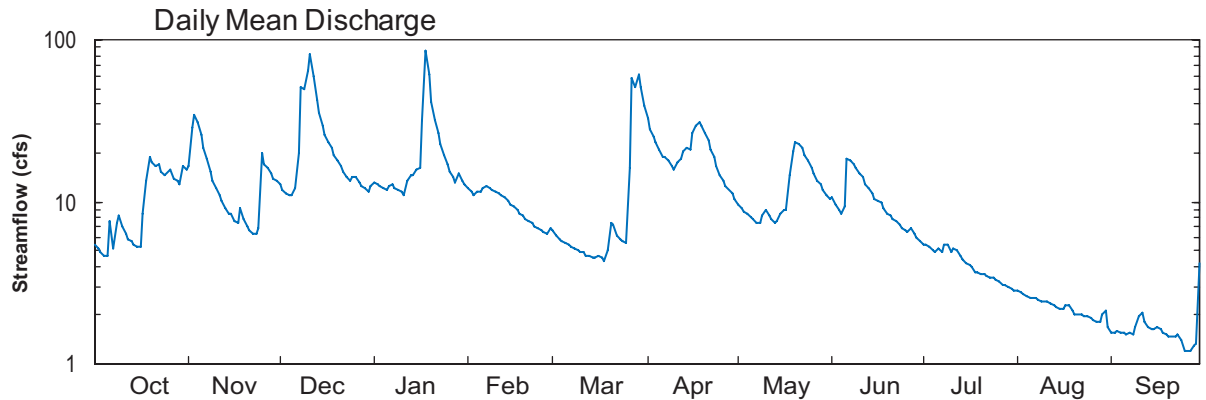
Longitude: 123° 32' 43"

Hydrologic Unit Code: 17100203

Tillamook County

Datum: 1400 feet

Drainage Area: 3.09 mi²



SILETZ RIVER BASIN

14305500 SILETZ RIVER AT SILETZ, OR

LOCATION.--Lat 44°42'55", long 123°53'10", in NW ¼ SW ¼ sec.11, T.10 S., R.10 W., Lincoln County, Hydrologic Unit 17100204, on right bank, 1.8 mi downstream from Baker Creek, 1.5 mi east of Siletz, and at mile 42.6.

DRAINAGE AREA.--202 mi².

PERIOD OF RECORD.--October 1905 to December 1908, January 1910 to November 1911, January 1912 to April 1912, December 1924 to current year. Monthly discharges, January to December 1909, published in WSP 1318.

REVISED RECORDS.--WSP 1935: 1943, 1947-49(M), 1953-58(M).

GAGE.--Water-stage recorder. Datum of gage is 102.32 ft above NGVD of 1929. Oct. 1, 1905, to Sept 30, 1938, nonrecording gage at various sites within 2.5 mi downstream at different datums.

REMARKS.--No estimated daily discharges. Records good. Slight regulation from logponds. Small diversions upstream from station for irrigation. Continuous water-quality records for the period February 1972 to September 1985 have been collected at this location.

AVERAGE DISCHARGE.--84 years (water years 1906-08, 1911, 1926-2005), 1,503 ft³/s, 101.13 in/yr, 1,089,000 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 53,800 ft³/s Nov. 26, 1999, gage height, 28.62 ft, from rating curve extended above 22,700 ft³/s on basis of slope-area measurement of peak flow; minimum discharge, 42 ft³/s Sept. 5, 6, 2003.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Nov. 20, 1921, reached a stage of 31.6 ft, at site 2.5 mi downstream at different datum, from floodmark, discharge, 40,800 ft³/s, from rating curve extended above 17,000 ft³/s.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 14,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar. 27	0900	*13,600	*13.38				

Minimum discharge, 60 ft³/s, Sept. 27-29, gage height, 2.40 ft.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	310	1,090	867	1,210	1,090	489	2,660	645	705	359	151	87
2	289	1,850	792	1,130	993	432	2,180	601	662	344	152	84
3	275	2,340	755	1,030	913	413	2,030	564	588	334	146	82
4	263	1,860	733	942	893	389	1,870	569	541	318	140	79
5	251	1,520	777	861	865	373	1,660	537	701	304	135	77
6	462	1,280	943	819	971	358	1,470	547	2,010	320	132	76
7	356	1,110	1,400	975	1,110	347	1,490	513	2,970	307	131	76
8	509	971	6,430	1,110	977	336	1,520	525	2,370	304	129	75
9	1,130	869	5,130	1,130	909	325	1,420	669	1,810	385	126	72
10	853	784	7,880	1,140	848	314	1,320	1,530	1,490	320	123	90
11	684	717	10,300	1,070	796	305	1,510	1,480	1,290	372	121	110
12	584	662	5,810	1,170	788	293	1,560	1,190	1,130	362	118	97
13	514	639	3,800	1,330	757	283	1,630	1,000	1,010	326	116	82
14	462	584	3,470	1,260	700	274	1,630	895	897	299	113	77
15	426	592	2,860	1,250	659	269	1,580	890	810	283	107	77
16	400	586	2,330	1,240	624	275	2,720	948	758	267	105	76
17	721	529	1,930	2,010	598	322	3,000	929	768	255	106	82
18	1,370	592	1,640	8,500	573	275	2,550	1,720	732	240	111	79
19	2,970	568	1,430	5,090	549	348	2,140	2,310	661	228	107	75
20	2,010	519	1,260	3,400	524	612	1,830	2,140	598	220	103	72
21	1,520	491	1,130	2,640	501	826	1,580	1,810	561	213	100	69
22	1,360	473	1,040	2,090	479	656	1,370	1,670	538	212	98	66
23	1,330	474	938	1,730	460	576	1,240	1,430	504	212	95	64
24	1,240	588	858	1,480	443	557	1,150	1,260	477	198	93	62
25	1,200	1,320	856	1,290	430	502	1,000	1,110	452	190	90	62
26	1,430	1,280	1,200	1,160	414	1,420	910	985	433	185	87	62
27	1,240	1,060	995	1,060	401	10,800	825	888	447	175	85	62
28	1,120	914	907	968	431	6,030	761	813	442	168	85	60
29	1,020	812	882	1,460	---	6,100	734	760	407	164	90	60
30	1,160	864	819	1,370	---	4,460	702	704	381	158	102	133
31	1,110	---	856	1,210	---	3,150	---	655	---	154	94	---
TOTAL	28,569	27,938	71,018	53,125	19,696	42,109	48,042	32,287	27,143	8,176	3,491	2,325
MEAN	922	931	2,291	1,714	703	1,358	1,601	1,042	905	264	113	77.5
MAX	2,970	2,340	10,300	8,500	1,110	10,800	3,000	2,310	2,970	385	152	133
MIN	251	473	733	819	401	269	702	513	381	154	85	60
AC-FT	56,670	55,420	140,900	105,400	39,070	83,520	95,290	64,040	53,840	16,220	6,920	4,610
CFSM	4.56	4.61	11.3	8.48	3.48	6.72	7.93	5.16	4.48	1.31	0.56	0.38
IN.	5.26	5.15	13.08	9.78	3.63	7.75	8.85	5.95	5.00	1.51	0.64	0.43

SILETZ RIVER BASIN

14305500 SILETZ RIVER AT SILETZ, OR—Continued

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1906 - 2005, BY WATER YEAR (WY)												
MEAN	700	2,391	3,342	3,248	2,907	2,215	1,489	835	501	223	131	196
MAX	3,412	6,207	7,828	7,664	6,055	4,560	3,560	2,579	1,602	602	419	1,138
(WY)	(1927)	(1907)	(1934)	(1953)	(1949)	(1932)	(1937)	(1933)	(1906)	(1910)	(1968)	(1959)
MIN	50.1	72.4	401	518	703	557	387	233	144	99.7	62.5	58.6
(WY)	(1988)	(1930)	(1977)	(1977)	(2005)	(1941)	(1926)	(1939)	(1928)	(1992)	(2003)	(1965)
SUMMARY STATISTICS												
				FOR 2004 CALENDAR YEAR			FOR 2005 WATER YEAR			WATER YEARS 1906 - 2005		
ANNUAL TOTAL				450,751			363,919					
ANNUAL MEAN				1,232			997			1,503		
HIGHEST ANNUAL MEAN										2,337		
LOWEST ANNUAL MEAN										660		
HIGHEST DAILY MEAN				17,500			10,800			36,700		
LOWEST DAILY MEAN				81			60			42		
ANNUAL SEVEN-DAY MINIMUM				87			62			45		
ANNUAL RUNOFF (AC-FT)				894,100			721,800			1,089,000		
ANNUAL RUNOFF (CFSM)				6.10			4.94			7.44		
ANNUAL RUNOFF (INCHES)				83.01			67.02			101.13		
10 PERCENT EXCEEDS				2,660			1,890			3,760		
50 PERCENT EXCEEDS				753			700			737		
90 PERCENT EXCEEDS				174			98			103		



2005 Water Year
SILETZ RIVER BASIN

14305500 SILETZ RIVER AT SILETZ, OR

Latitude: 44° 42' 55"

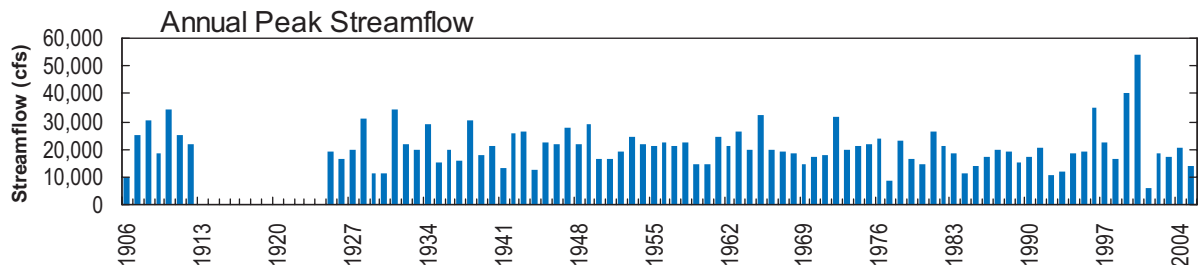
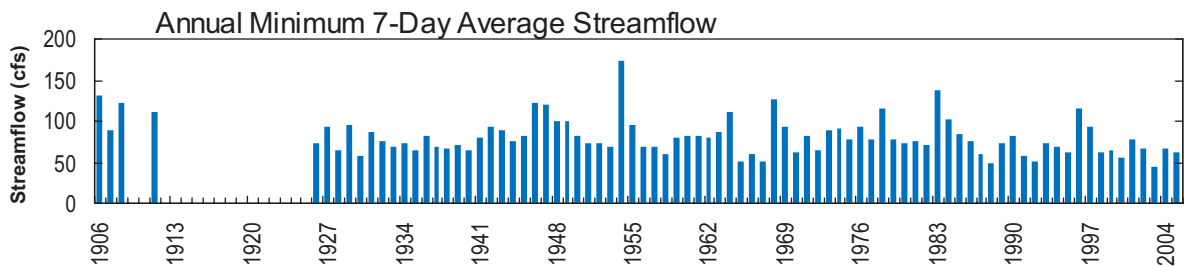
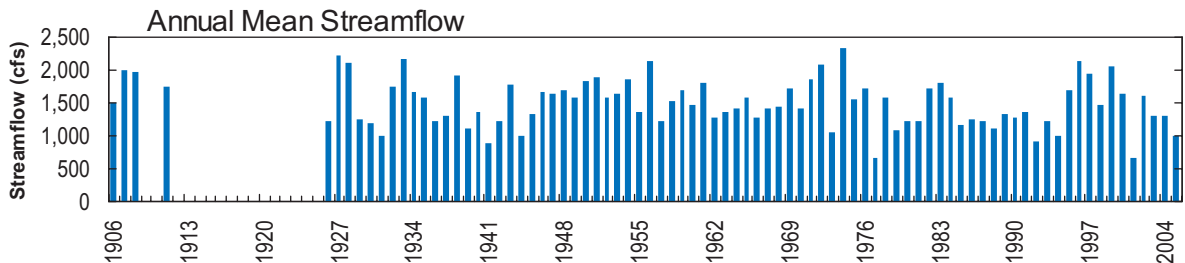
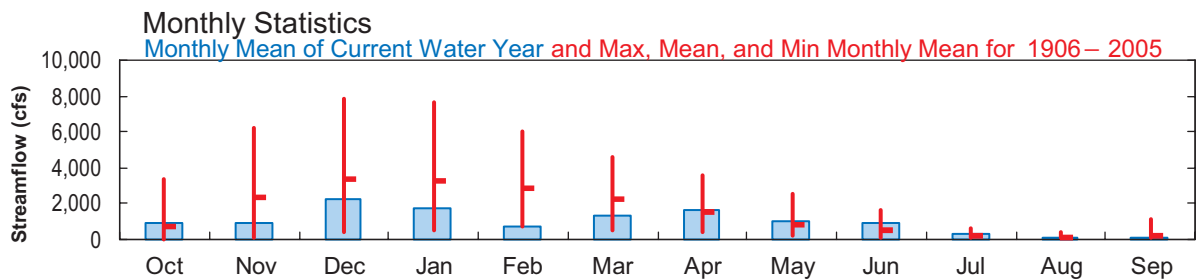
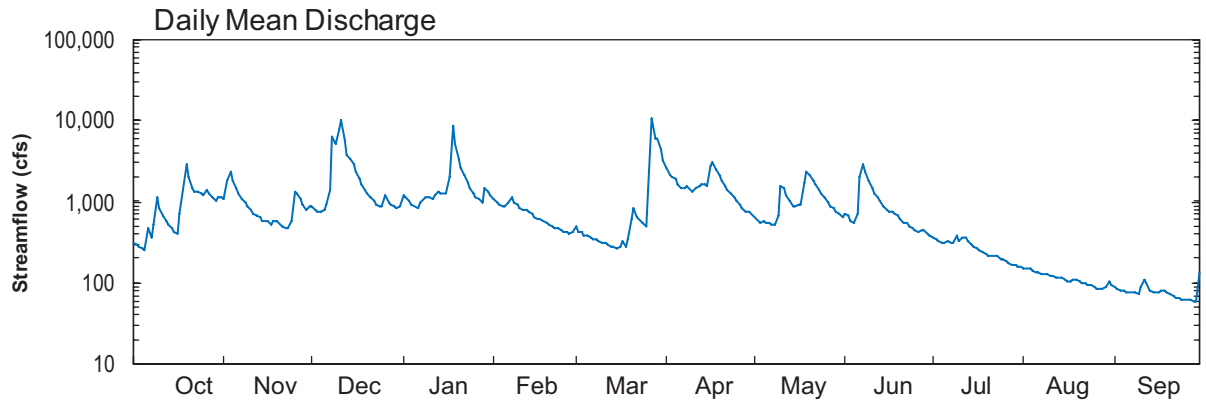
Longitude: 123° 53' 10"

Hydrologic Unit Code: 17100204

Lincoln County

Datum: 102.32 feet

Drainage Area: 202 mi²



ALSEA RIVER BASIN

14306340 EAST FORK LOBSTER CREEK NEAR ALSEA, OR

LOCATION.--Lat 44°14'53", long 123°38'07", in NE ¼ SE ¼ sec.22, T.15 S., R.8 W., Lane County, Hydrologic Unit 17100205, on left bank 500 ft upstream from Lobster Creek, and 9 mi south of Alsea.

DRAINAGE AREA.--5.70 mi².

PERIOD OF RECORD.--July 1983 to current year.

REVISED RECORDS.--WDR OR-87-2: 1984(M,P), 1985(M,P), 1986(M,P).

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 680 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except those for the period Nov. 21-30 and estimated daily discharges, which are poor, May 12-27, which are poor. No regulation or diversion upstream from station. U.S. Geological Survey satellite telemeter at station.

AVERAGE DISCHARGE.--22 years (water years 1984-2005), 24.2 ft³/s, 57.67 in/yr, 17,530 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,360 ft³/s Feb. 7, 1996, gage height, 5.37 ft, from rating curve extended above 900 ft³/s on basis of slope-area measurement of peak flow; minimum discharge, 0.17 ft³/s Sept. 27, 28, Oct. 2, 1987.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 300 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec. 8	0430	*199	*3.45				

Minimum discharge, 0.96 ft³/s, Aug. 27, 28, gage height, 1.63 ft.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.8	10	7.3	21	18	6.2	37	9.5	9.4	5.2	1.9	1.3
2	1.8	36	6.9	21	16	5.8	30	8.9	9.4	5.0	2.0	1.2
3	1.7	38	6.6	16	14	5.5	26	8.3	8.3	4.9	1.8	1.2
4	1.7	21	6.4	14	13	5.3	25	8.8	7.6	4.5	1.7	1.2
5	1.7	15	6.5	12	12	5.2	24	8.0	9.9	4.3	1.6	1.1
6	3.6	12	14	11	13	5.0	21	8.6	55	4.3	1.6	1.1
7	2.8	10	46	14	13	4.9	25	7.9	55	4.2	1.6	1.1
8	3.9	8.6	135	18	12	4.7	35	7.9	41	4.1	1.6	1.2
9	13	7.6	109	21	11	4.7	37	11	29	4.2	1.5	1.1
10	9.2	6.9	98	30	10	4.6	30	28	23	4.0	1.5	1.3
11	5.1	6.4	97	24	9.7	4.5	28	26	20	4.2	1.5	1.5
12	3.8	6.0	69	20	9.5	4.4	29	18	17	3.9	1.4	1.3
13	3.2	5.8	45	21	9.1	4.2	36	15	15	3.7	1.4	1.3
14	2.7	5.4	38	20	8.6	4.2	38	13	14	3.5	1.3	1.2
15	2.4	5.7	33	21	8.2	4.0	32	12	12	3.3	1.3	1.2
16	2.4	5.7	27	23	7.9	4.8	36	13	12	3.2	1.3	1.3
17	5.0	5.0	23	28	7.6	5.2	44	12	12	3.1	1.3	1.5
18	20	6.1	19	78	7.3	4.5	47	23	11	2.9	1.3	1.4
19	27	5.8	16	54	7.2	6.5	39	38	11	2.8	1.3	1.3
20	14	5.4	14	39	7.0	23	32	33	10	2.6	1.2	1.2
21	9.3	e4.8	13	30	6.7	22	26	25	9.3	2.5	1.2	1.2
22	7.9	e4.5	12	25	6.5	15	22	22	8.4	2.6	1.2	1.1
23	8.2	e4.3	11	20	6.2	13	19	18	7.8	2.6	1.2	1.1
24	7.5	e7.0	9.8	17	6.0	24	17	16	7.2	2.4	1.2	1.1
25	9.2	e15	9.9	15	5.8	19	15	14	6.7	2.4	1.2	1.1
26	18	e12	11	14	5.7	30	14	13	6.5	2.3	1.1	1.1
27	13	e9.0	9.8	13	5.6	138	12	11	6.6	2.2	1.1	1.1
28	9.7	e7.5	8.9	14	6.6	89	11	11	6.3	2.0	1.1	1.1
29	8.1	e6.5	8.6	36	---	97	11	11	5.9	2.0	1.3	1.1
30	8.9	e6.7	8.2	26	---	70	10	9.4	5.4	1.9	1.5	1.7
31	9.9	---	12	21	---	48	---	8.8	---	1.9	1.3	---
TOTAL	236.5	299.7	930.9	737	263.2	682.2	808	469.1	451.7	102.7	43.5	36.7
MEAN	7.63	9.99	30.0	23.8	9.40	22.0	26.9	15.1	15.1	3.31	1.40	1.22
MAX	27	38	135	78	18	138	47	38	55	5.2	2.0	1.7
MIN	1.7	4.3	6.4	11	5.6	4.0	10	7.9	5.4	1.9	1.1	1.1
AC-FT	469	594	1,850	1,460	522	1,350	1,600	930	896	204	86	73
CFSM	1.34	1.75	5.27	4.17	1.65	3.86	4.73	2.65	2.64	0.58	0.25	0.21
IN.	1.54	1.96	6.08	4.81	1.72	4.45	5.27	3.06	2.95	0.67	0.28	0.24

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 2005, BY WATER YEAR (WY)

MEAN	4.91	35.8	53.5	54.8	53.2	37.6	24.9	14.1	8.13	2.38	1.29	1.39
MAX	32.4	115	137	116	164	77.1	49.5	28.2	21.3	3.88	2.21	4.51
(WY)	(1998)	(1985)	(1997)	(1999)	(1999)	(1997)	(1993)	(1999)	(1985)	(1984)	(2004)	(1997)
MIN	0.39	1.41	17.6	8.87	9.40	11.5	7.26	5.57	1.83	1.25	0.52	0.51
(WY)	(1988)	(1994)	(1990)	(2001)	(2005)	(1992)	(2000)	(2002)	(1992)	(2002)	(1992)	(2002)

ALSEA RIVER BASIN

14306340 EAST FORK LOBSTER CREEK NEAR ALSEA, OR—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1984 - 2005	
ANNUAL TOTAL	6,463.5		5,061.2		24.2	
ANNUAL MEAN	17.7		13.9		46.7	
HIGHEST ANNUAL MEAN					8.28	
LOWEST ANNUAL MEAN					1999	
HIGHEST DAILY MEAN	199	Jan 30	138	Mar 27	817	Feb 7, 1996
LOWEST DAILY MEAN	1.1	Sep 8	1.1	Aug 26	0.25	Oct 13, 1991
ANNUAL SEVEN-DAY MINIMUM	1.2	Sep 4	1.1	Sep 22	0.29	Oct 9, 1991
ANNUAL RUNOFF (AC-FT)	12,820		10,040		17,530	
ANNUAL RUNOFF (CFSM)	3.10		2.43		4.24	
ANNUAL RUNOFF (INCHES)	42.18		33.03		57.67	
10 PERCENT EXCEEDS	46		31		60	
50 PERCENT EXCEEDS	7.4		8.3		9.3	
90 PERCENT EXCEEDS	1.8		1.3		1.0	

e Estimated



2005 Water Year
ALSEA RIVER BASIN

14306340 EAST FORK LOBSTER CREEK NEAR ALSEA, OR

Latitude: 44° 14' 53"

Longitude: 123° 38' 07"

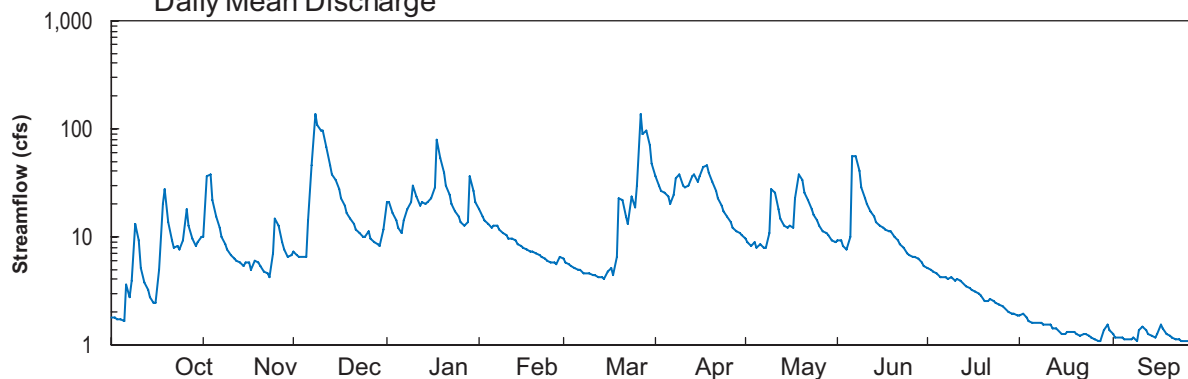
Hydrologic Unit Code: 17100205

Lane County

Datum: 680 feet

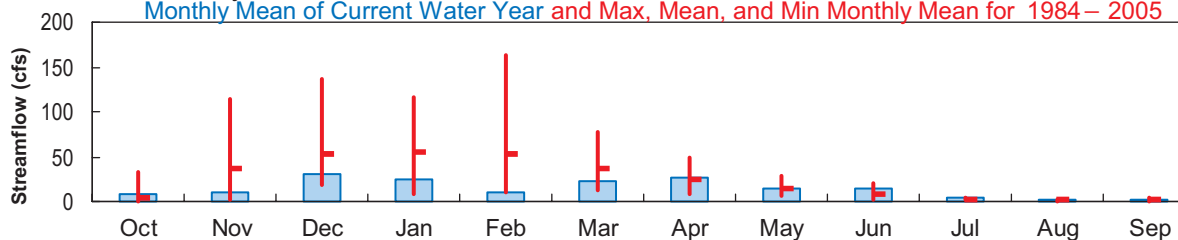
Drainage Area: 5.7 mi²

Daily Mean Discharge

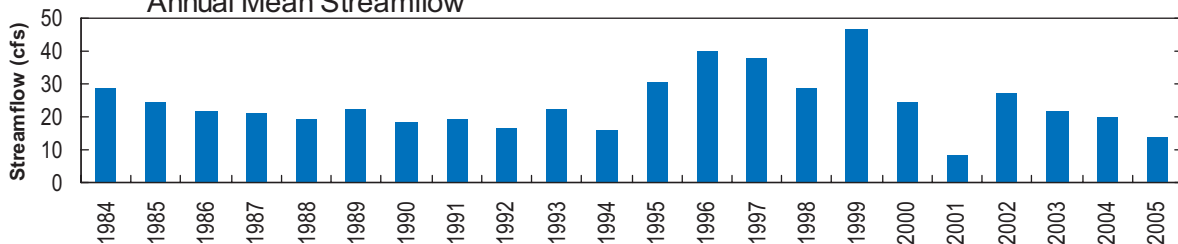


Monthly Statistics

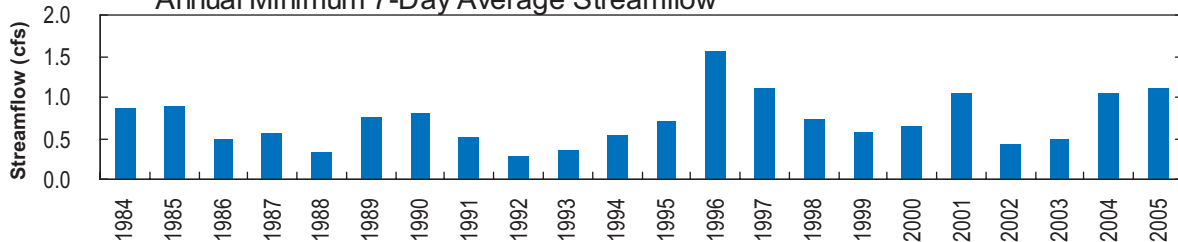
Monthly Mean of Current Water Year and Max, Mean, and Min Monthly Mean for 1984–2005



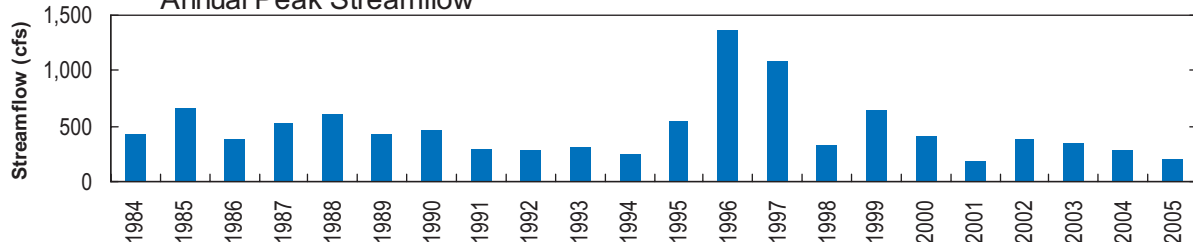
Annual Mean Streamflow



Annual Minimum 7-Day Average Streamflow



Annual Peak Streamflow



ALSEA RIVER BASIN

14306500 ALSEA RIVER NEAR TIDEWATER, OR

LOCATION.--Lat 44°23'10", long 123°49'50", in NW ¼ NW ¼ sec.6, T.14 S., R.9 W., Lincoln County, Hydrologic Unit 17100205, on right bank 0.9 mi downstream from Grass Creek, 2.5 mi upstream from Scott Creek, 3.8 mi southeast of Tidewater, and at mile 21.0.

DRAINAGE AREA.--334 mi².

PERIOD OF RECORD.--October 1939 to current year.

GAGE.--Water-stage recorder. Datum of gage is 48.16 ft above NGVD of 1929. Prior to Nov. 16, 1939, nonrecording gage at present site and datum.

REMARKS.--No estimated daily discharges. Records good. No regulation. Diversion for irrigation upstream from station. Continuous water-quality records for the period October 1979 to September 1981 have been collected at this location.

AVERAGE DISCHARGE.--66 years (water years 1940-2005), 1,459 ft³/s, 59.36 in/yr, 1,057,000 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 41,800 ft³/s Dec. 22, 1964, gage height, 27.44 ft; minimum discharge, 45 ft³/s Sept. 26, 27, 1965.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood on or about Feb. 3, 1890, reached a stage of 29.5 ft, from floodmark (discharge not determined).

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 13,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec. 8	1100	*7,870	*10.86				

Minimum discharge, 71 ft³/s, Sept. 29, 30, gage height, 1.18 ft.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	146	618	478	1,250	1,510	630	2,530	816	728	436	178	103
2	142	872	459	1,450	1,340	562	2,080	777	705	420	179	99
3	140	1,810	437	1,280	1,230	533	1,880	744	660	411	176	96
4	137	1,210	426	1,140	1,160	520	1,780	745	616	397	168	94
5	133	918	436	1,030	1,120	502	1,620	713	698	389	162	92
6	164	755	553	960	1,080	485	1,480	704	2,110	377	157	90
7	201	650	1,420	1,220	1,180	473	1,510	680	3,170	373	153	89
8	214	576	6,300	1,710	1,070	463	1,710	681	2,720	361	152	88
9	395	519	5,170	2,080	1,010	451	1,800	743	1,920	372	146	85
10	420	477	5,230	2,180	955	441	1,610	1,420	1,520	356	144	91
11	311	443	5,220	1,980	915	432	1,600	1,530	1,320	368	143	98
12	252	414	4,380	1,770	885	423	1,680	1,170	1,160	358	140	95
13	218	414	3,170	1,730	846	411	1,890	982	1,040	331	136	90
14	196	383	2,770	1,610	797	398	1,890	883	951	312	134	86
15	182	370	2,360	1,530	764	392	1,760	837	880	298	127	85
16	173	392	2,020	1,460	740	399	1,880	863	833	289	125	84
17	381	356	1,740	1,530	712	455	2,130	866	812	281	123	92
18	703	372	1,520	2,890	691	412	2,290	1,180	790	272	125	98
19	1,550	385	1,360	2,760	671	473	2,140	1,930	783	259	124	92
20	1,040	354	1,220	2,190	653	985	1,910	2,000	720	249	120	86
21	726	336	1,120	1,850	627	1,310	1,670	1,650	673	244	115	82
22	590	325	1,040	1,610	604	1,010	1,490	1,440	638	243	113	79
23	562	315	961	1,430	587	871	1,360	1,240	601	242	112	77
24	526	346	898	1,290	570	949	1,260	1,110	564	230	109	75
25	514	597	879	1,180	556	931	1,170	1,010	539	221	108	74
26	854	744	1,140	1,120	543	1,010	1,080	931	518	215	105	74
27	765	595	1,020	1,040	533	5,490	1,010	858	513	207	102	74
28	621	511	928	1,020	602	4,970	951	808	506	198	102	73
29	536	456	894	2,500	---	5,250	906	805	483	193	102	72
30	562	452	850	2,220	---	4,270	864	755	456	187	106	76
31	629	---	909	1,760	---	3,110	---	708	---	182	112	---
TOTAL	13,983	16,965	57,308	50,770	23,951	39,011	48,931	31,579	29,627	9,271	4,098	2,589
MEAN	451	566	1,849	1,638	855	1,258	1,631	1,019	988	299	132	86.3
MAX	1,550	1,810	6,300	2,890	1,510	5,490	2,530	2,000	3,170	436	179	103
MIN	133	315	426	960	533	392	864	680	456	182	102	72
AC-FT	27,740	33,650	113,700	100,700	47,510	77,380	97,050	62,640	58,770	18,390	8,130	5,140
CFSM	1.35	1.69	5.53	4.90	2.56	3.77	4.88	3.05	2.96	0.90	0.40	0.26
IN.	1.56	1.89	6.38	5.65	2.67	4.34	5.45	3.52	3.30	1.03	0.46	0.29

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2005, BY WATER YEAR (WY)

MEAN	360	1,700	3,284	3,495	3,202	2,423	1,481	800	416	192	118	128
MAX	2,521	6,058	7,419	7,874	6,909	5,144	3,203	1,848	1,053	363	234	452
(WY)	(1948)	(1974)	(1965)	(1953)	(1996)	(1961)	(1963)	(1963)	(1993)	(1983)	(1968)	(1941)
MIN	62.0	108	182	211	607	604	550	331	178	116	65.6	60.1
(WY)	(1988)	(1994)	(1977)	(1977)	(1977)	(1941)	(1977)	(1966)	(1966)	(1992)	(1966)	(1965)

ALSEA RIVER BASIN

14306500 ALSEA RIVER NEAR TIDEWATER, OR—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1940 - 2005	
ANNUAL TOTAL	404,283		328,083		1,459	
ANNUAL MEAN	1,105		899		2,541	1974
HIGHEST ANNUAL MEAN					431	1977
LOWEST ANNUAL MEAN					36,100	Dec 22, 1964
HIGHEST DAILY MEAN	9,710	Jan 30	6,300	Dec 8	47	Sep 26, 1965
LOWEST DAILY MEAN	82	Aug 20	72	Sep 29	51	Sep 25, 1965
ANNUAL SEVEN-DAY MINIMUM	86	Aug 15	74	Sep 24	1,057,000	
ANNUAL RUNOFF (AC-FT)	801,900		650,800		4.37	
ANNUAL RUNOFF (CFSM)	3.31		2.69		59.36	
ANNUAL RUNOFF (INCHES)	45.03		36.54		3,750	
10 PERCENT EXCEEDS	2,850		1,880		635	
50 PERCENT EXCEEDS	577		638		97	
90 PERCENT EXCEEDS	124		109			



2005 Water Year
ALSEA RIVER BASIN

14306500 ALSEA RIVER NEAR TIDEWATER, OR

Latitude: 44° 23' 10"

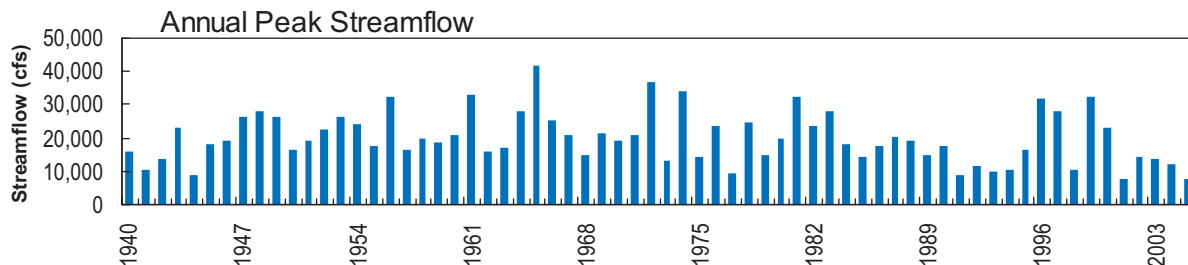
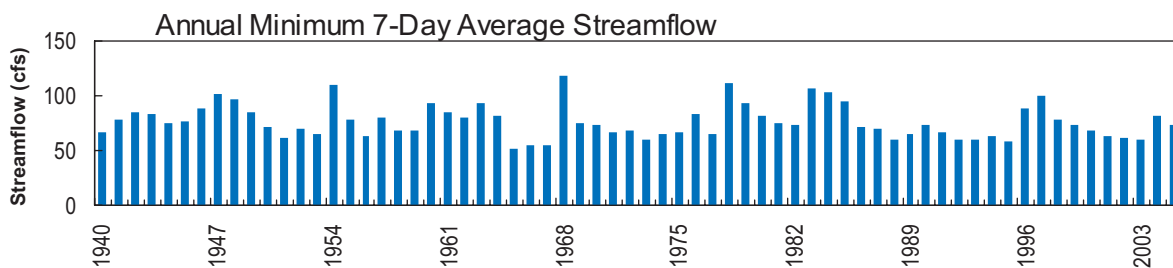
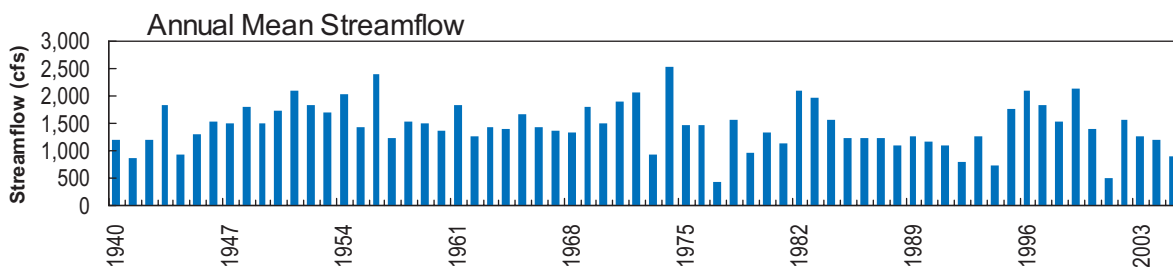
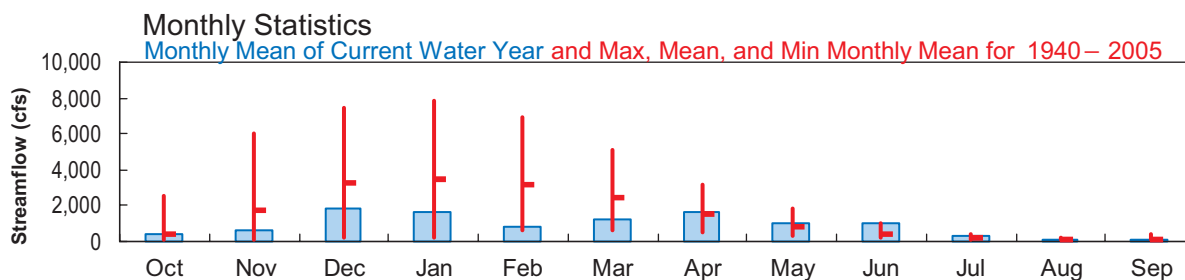
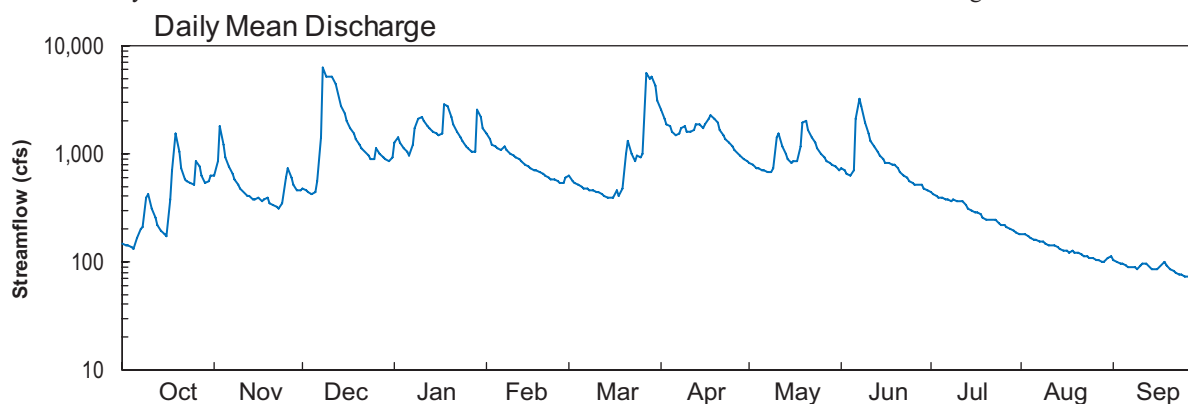
Longitude: 123° 49' 50"

Hydrologic Unit Code: 17100205

Lincoln County

Datum: 48.16 feet

Drainage Area: 334 mi²



SIUSLAW RIVER BASIN

14307620 SIUSLAW RIVER NEAR MAPLETON, OR

LOCATION.--Lat 44°03'45", long 123°52'55", in SW ¼ NW ¼ sec.27, T.17 S., R.10 W., Lane County, Hydrologic Unit 17100206, on right bank 250 ft above Shoemaker Creek, 2.5 mi northwest of Mapleton and at mile 23.7.

DRAINAGE AREA.--588 mi².

PERIOD OF RECORD.--October 1967 to September 1994, February 1998 to September 2001 (gage height only), October 2001 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 41 ft above NGVD of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records good. No regulation or diversions upstream from station. Water-quality records are available in the files of the Environmental Quality Section (EQS) of the USGS Oregon Water Science Center.

AVERAGE DISCHARGE.--31 years (water years 1968-1994, 2002-05), 1,967 ft³/s, 45.44 in/yr, 1,425,000 ac-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 49,400 ft³/s Jan. 21, 1972, gage height, 28.45 ft; minimum discharge, 45 ft³/s Aug. 18, 19, 1997.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of December 1964 reached a stage of about 28 ft, from information by local residents (discharge not determined). Flood of Feb. 7, 1996 reached a stage of 30.21 ft, present datum, from floodmark, discharge, 54,800 ft³/s, from rating curve extended above 40,000 ft³/s.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 15,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec. 10	0200	*9,960	*11.70				

Minimum discharge, 88 ft³/s, Sept. 27-30, gage height, 2.86 ft.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	171	611	610	1,340	1,820	795	3,450	965	897	490	193	115
2	167	805	580	1,950	1,610	742	2,740	918	849	471	193	111
3	163	1,600	552	1,770	1,450	709	2,410	873	796	460	188	107
4	161	1,350	531	1,510	1,360	690	2,230	878	748	444	182	110
5	157	1,100	533	1,310	1,280	665	2,060	839	795	429	177	103
6	248	902	748	1,180	1,260	638	1,880	841	2,090	424	172	99
7	267	761	1,980	1,290	1,350	618	1,910	820	2,520	421	167	99
8	254	665	7,480	1,690	1,250	600	2,270	821	2,200	412	164	97
9	507	594	9,280	2,490	1,170	582	2,500	882	1,740	429	158	96
10	716	542	8,630	3,260	1,100	567	2,320	1,550	1,450	417	155	125
11	492	499	6,910	2,890	1,050	552	2,200	2,080	1,280	431	151	151
12	387	465	5,750	2,380	1,030	538	2,220	1,850	1,140	423	148	142
13	336	454	4,010	2,240	1,060	519	2,620	1,470	1,040	393	146	140
14	294	427	3,220	2,080	1,030	503	2,770	1,240	958	372	144	120
15	265	420	2,680	1,910	1,040	489	2,490	1,130	893	352	139	113
16	244	436	2,260	1,750	999	509	2,420	1,130	848	333	133	112
17	315	405	1,930	1,720	945	594	2,490	1,110	830	319	133	120
18	771	427	1,680	3,820	903	546	2,560	1,490	833	307	133	125
19	1,680	434	1,500	3,840	871	619	2,370	2,430	845	293	132	118
20	1,290	415	1,360	2,970	866	1,230	2,130	2,600	781	279	128	112
21	980	398	1,230	2,400	848	1,750	1,900	2,060	734	269	125	106
22	816	384	1,140	2,030	902	1,530	1,710	1,780	703	267	122	101
23	762	375	1,050	1,770	860	1,390	1,580	1,540	661	266	121	98
24	687	391	985	1,590	813	1,400	1,470	1,360	621	256	120	95
25	675	686	952	1,450	774	1,400	1,370	1,210	585	246	117	93
26	1,140	885	1,100	1,360	741	1,490	1,270	1,100	556	237	114	92
27	1,020	787	1,010	1,260	719	5,370	1,190	1,000	568	230	111	91
28	837	681	944	1,250	766	6,390	1,120	959	564	221	110	89
29	709	603	918	2,920	---	8,330	1,060	1,070	542	213	112	88
30	667	598	876	2,770	---	6,890	1,020	1,000	516	205	122	102
31	642	---	919	2,170	---	4,590	---	942	---	198	121	---
TOTAL	17,820	19,100	73,348	64,360	29,867	53,235	61,730	39,938	29,583	10,507	4,431	3,270
MEAN	575	637	2,366	2,076	1,067	1,717	2,058	1,288	986	339	143	109
MAX	1,680	1,600	9,280	3,840	1,820	8,330	3,450	2,600	2,520	490	193	151
MIN	157	375	531	1,180	719	489	1,020	820	516	198	110	88
AC-FT	35,350	37,880	145,500	127,700	59,240	105,600	122,400	79,220	58,680	20,840	8,790	6,490
CFSM	0.98	1.08	4.02	3.53	1.81	2.92	3.50	2.19	1.68	0.58	0.24	0.19
IN.	1.13	1.21	4.64	4.07	1.89	3.37	3.91	2.53	1.87	0.66	0.28	0.21

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1968 - 2005, BY WATER YEAR (WY)

MEAN	365	2,100	4,617	4,882	4,136	3,345	2,172	1,064	600	267	155	169
MAX	1,219	7,819	9,787	10,060	9,084	6,819	4,445	2,102	1,466	628	321	356
(WY)	(1969)	(1974)	(1982)	(1970)	(1986)	(1974)	(1982)	(1984)	(1993)	(1983)	(1968)	(1971)
MIN	64.3	173	261	300	876	1,119	686	541	280	127	77.9	86.8
(WY)	(1988)	(1994)	(1977)	(1977)	(1977)	(1992)	(1977)	(1985)	(1992)	(1977)	(1973)	(1987)

SIUSLAW RIVER BASIN

14307620 SIUSLAW RIVER NEAR MAPLETON, OR—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1968 - 2005	
ANNUAL TOTAL	574,389		407,189		1,967	
ANNUAL MEAN	1,569		1,116		3,711	
HIGHEST ANNUAL MEAN					576	
LOWEST ANNUAL MEAN					1977	
HIGHEST DAILY MEAN	14,100	Jan 30	9,280	Dec 9	45,900	Jan 16, 1974
LOWEST DAILY MEAN	95	Aug 20	88	Sep 29	45	Aug 18, 1977
ANNUAL SEVEN-DAY MINIMUM	101	Aug 15	92	Sep 23	47	Aug 14, 1977
ANNUAL RUNOFF (AC-FT)	1,139,000		807,700		1,425,000	
ANNUAL RUNOFF (CFSM)	2.67		1.90		3.34	
ANNUAL RUNOFF (INCHES)	36.34		25.76		45.44	
10 PERCENT EXCEEDS	4,350		2,370		5,130	
50 PERCENT EXCEEDS	716		796		858	
90 PERCENT EXCEEDS	150		125		125	



2005 Water Year
SIUSLAW RIVER BASIN

14307620 SIUSLAW RIVER NEAR MAPLETON, OR

Latitude: 44° 03 ' 45"

Longitude: 123° 52 ' 55"

Hydrologic Unit Code: 17100206

Lane County

Datum: 41.00 feet

Drainage Area: 588 mi²

