

**TABLE A: 2-YEAR 7-CONSECUTIVE DAY LOW FLOW DISCHARGES FOR WESTERN OREGON**

REVISED March 1, 2004

(Data for Oregon from USGS Open-File Report 93-63 "Statistical Summaries of Streamflow Data in Oregon: Volume 2 = Annual Low and High Flow, and Instantaneous Peak Flow" and USGS Open File Report 79-553 "Magnitude and Frequency of Floods in Western Oregon.")

(See end pages for gages in adjacent states near the Oregon Border)

BASIN		LATITUDE IN DEG, MIN, AND SEC	LONGITUDE IN DEG, MIN, AND SEC	YEARS OF RECORD (Note 1)	PERIOD OF RECORD	DRAINAGE AREA IN SQUARE MILES	MEAN BASIN ELEVATION IN FEET	MEAN ANNUAL PRECIPITATION IN INCHES	TEMPERATURE INDEX IN DEGREES F	2-YEAR - 7 DAY LOW FLOW IN CUBIC FEET PER SECOND	REMARKS
STATION NUMBER	STATION NAME										
SANDY RIVER BASIN											
14134000	Salmon River near Government Camp, OR	45°15'55"	121°43'00"	61	1912-1987	8	4800	88	22.5	18	No regulation or diversion upstream from station.
14134500	Salmon River below Linney Creek, OR	45°13'20"	121°51'40"	22	1929-1950-	54	4000	85	22	53	No diversion or regulation upstream from station.
14135000	Salmon River at Welches, OR	45°19'10"	121°57'10"	11	1926-1936	100	3610	80	23	72	No diversion or regulation upstream from station.
14135500	Salmon River above Boulder Creek, near Brightwood, OR	45°21'40"	122°00'40"	15	1938-1952	106				83	No regulation or diversion upstream from station.
14137000	Sandy River near Marmot, OR	45°23'30"	122°07'40"	71	1913-1987	262	3350	85	26	306	No regulation or diversion upstream from station.
14138800	Blazed Alder Creek near Rhododendron, OR	45°27'10"	121°53'25"	23	1965-1987	8.17	3300	120	28	2.5	No diversion or regulation upstream from station.
14138850	Bull Run River near Multnomah Falls, OR	45°29'50"	122°00'50"	20	1968-1987	47.9	3070	125	29	48	Regulation at times since 1915 by Bull Run Lake, usable capacity, 12,270 acre-ft., from topographic map.
14138870	Fir Creek near Brightwood, OR	45°28'56"	122°01'36"	11	1977-1987	5.46				2.7	No diversion or regulation upstream from station.
14138900	North Fork Bull Run River near Multnomah Falls, OR	45°29'40"	122°02'05"	21	1967-1987	8.32				14	Regulation at times since 1958 by North Fork Reservoir, capacity, about 1,030 acre-ft. No diversion upstream from station.
14139500	Bull Run River below Lake Ben Morrow, OR	45°29'00"	122°04'50"	24	1931-1954	74				80	Discharge determined by combining discharge through valves near base of dam and discharge over crest of spillway (elevation 1,036 ft.). Leakage at dam is less than 1-ft <sup>3</sup> /s and is disregarded. Flow regulated by Bull Run Lake and Lake Ben Morrow (since 1928); flow from Bull Run Lake is not artificially regulated but reaches river through surface and underground channels.
14139700	Cedar Creek near Brightwood, OR	45°27'30"	122°01'50"	21	1967-1987	7.93				10	No regulation or diversion upstream from station.
14139800	South Fork Bull Run River near Bull Run, OR	45°26'38"	122°06'20"	12	1976-1987	15.4				13	No regulation or diversion upstream from station.
14141500	Little Sandy River near Bull Run, OR	45°24'55"	122°10'20"	67	1921-1987	22.3	2440	96	29	15	No regulation or diversion upstream from station.
14142500	Sandy River below Bull Run River, near Bull Run, OR	45°26'57"	122°14'38"	30	1932-1961	436				360	Flow regulated since 1915 by Bull Run Lake, since 1929 by Bull Run Reservoir Number One (station 14139000), and since 1961 by Bull Run Reservoir Number Two (station 14139900). Some fluctuation caused by Bull Run power plant of Portland General Electric Company.
WILLAMETTE RIVER BASIN											
14144800	Middle Fork Willamette River near Oakridge, OR	43°35'50"	122°27'20"	28	1960-1987	258	4380	60	24	245	No regulation or diversion upstream from station.
14144900	Hills Creek above Hills Creek Lake, near Oakridge, OR	43°40'50"	122°22'10"	22	1960-1981	52.7	4090	58	24	20	No regulation or diversion upstream from station.
14145500	Middle Fork Willamette River above Salt Creek, near Oakridge, OR	43°43'20"	122°26'15"	24	1937-1960	392	4080	58	24	282	Flow regulated since 1961 by Hills Creek Lake (station 141451000). No diversion upstream from station.
14145500	Middle Fork Willamette River above Salt Creek, near Oakridge, OR	43°43'20"	122°26'15"	25	1963-1987	392	4080	58	24	211	
14146000	Salt Creek near Oakridge, OR	43°43'45"	122°25'35"	17	1935-1951	113	4460	60	21	102	No regulation. Since spring of 1948 there has been a small intermittent, unmeasured diversion around gage to millpond downstream.
14146500	Salmon Creek near Oakridge, OR	43°54'45"	122°22'18"	56	1915-1985	117	4140	62	24	126	No regulation or diversion upstream from station.
14147000	Waldo Lake Outlet near Oakridge, OR	43°46'05"	122°03'10"	27	1938-1982	30.5				0.4	At times seiches from Waldo Lake cause rapid changes in stage at gage many times each hour. No regulation. Diversion tunnel into head of Black Creek, near south end of lake, built about 1914, is sealed off, but there was leakage of 0.51-ft <sup>3</sup> /s past control gates, measured Oct. 1, 1981

Note 1 Number of values used to compute statistics.

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BASIN		LATITUDE IN DEG, MIN, AND SEC	LONGITUDE IN DEG, MIN, AND SEC	YEARS OF RECORD (Note 1)	PERIOD OF RECORD	DRAINAGE AREA IN SQUARE MILES	MEAN BASIN ELEVATION IN FEET	MEAN ANNUAL PRECIPITATION IN INCHES	TEMPERATURE INDEX IN DEGREES F	2-YEAR - 7 DAY LOW FLOW IN CUBIC FEET PER SECOND	REMARKS
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WILLAMETTE RIVER BASIN (cont)											
14147500	North Fork of Middle Fork Willamette River near Oakridge, OR	43°45'25"	122°30'15"	55	1911-1985	246	3760	58	25	132	Slight regulation by Waldo Lake: occasional fluctuations during low-water periods caused by log-ponds upstream from station. No diversions upstream from station.
14148000	Middle Fork Willamette River below North Fork, near Oakridge, OR	43°48'05"	122°33'35"	36	1925-1960	924	3970	58	25	632	Flow regulated since 1961 by Hills Creek Lake (station 14145100): slight regulation at times by log ponds upstream from station. No diversion upstream from station.
14148000	Middle Fork Willamette River below North Fork, near Oakridge, OR	43°48'05"	122°33'35"	25	1963-1987	924	3970	58	25	891	
14150000	Middle Fork Willamette River near Dexter, OR	43°56'45"	122°50'10"	25	1963-1987	1,001				1140	Flow regulated since 1953 by Lookout Point Lake (station 14149000), since 1955 by Dexter Lake (re-regulating), and since 1961 by Hills Creek Lake (station 14145100)
14150300	Fall Creek near Lowell, OR	43°58'15"	122°38'15"	23	1965-1987	118	2400	55	30	26	No regulation or diversion upstream from station.
14150800	Winberry Creek near Lowell, OR	43°54'50"	122°41'15"	17	1965-1981	43.9					No regulation or diversion upstream from station.
14151000	Fall Creek below Winberry Creek, near Fall Creek, OR	43°56'40"	122°46'25"	29	1937-1965	186	2320	62	31	33	Flow regulated since 1966 by Fall Creek Lake (station 14150900). No diversion upstream from station.
14151000	Fall Creek below Winberry Creek, near Fall Creek, OR	43°56'40"	122°46'25"	20	1968-1987	186	2320	62	31	41	
14151500	Little Fall Creek near Fall Creek, OR	43°58'10"	122°45'20"	12	1937-1948	52.5	2100	64	32.5	15	No diversion or regulation upstream from station.
14152000	Middle Fork Willamette River at Jasper, OR	43°59'55"	122°54'20"	20	1968-1987	1,340	3370	58	28.5	1420	Flow regulated since 1953 by Lookout Point Lake (station 14149000), since 1961 by Hill Creek Lake (station 14145100), and since 1966 by Fall Creek Lake (station 14150900).
14152500	Coast Fork Willamette River at London, OR	43°38'30"	123°05'05"	51	1937-1987	72.1	2120	56	33	13	No regulation. Diversions for irrigation upstream from station.
14153500	Coast Fork Willamette River below Cottage Grove Dam, OR	43°43'15"	123°02'55"	44	1944-1987	104				45	Flow regulated since 1942 by Cottage Grove Lake (station 14153000). Small diversion for irrigation upstream from station.
14154500	Row River above Pitcher Creek, near Dorena, OR	43°44'10"	122°52'20"	51	1937-1987	211	2850	60	31	20	Slight, regulation caused by upstream log ponds. No diversion upstream from station.
14155500	Row River near Cottage Grove, OR	43°47'35"	122°59'25"	10	1940-1949	270	2630	56	31.3	27	Flow regulated since October 1949 by Dorena Lake (station 14155000). No diversion upstream from station.
14156500	Mosby Creek at mouth, near Cottage Grove, OR	43°46'35"	122°59'55"	32	1948-1981	95.3	2030	56	32.5	6.7	No regulation. Small diversion for irrigation upstream from station.
14157000	Coast Fork Willamette River at Saginaw, OR	43°50'05"	123°02'30"	16	1925-1942	529	2210	55	33	35	Small diversion and regulation by log ponds upstream from station: regulation by Cottage Grove Reservoir since Oct. 31, 1942, and Dorena Reservoir since Oct. 11, 1949.
14157500	Coast Fork Willamette River near Goshen, OR	43°58'50"	122°58'55"	36	1952-1987	642				167	Flow regulated since 1942 by Cottage Grove Lake (station 14153000) and since 1949 by Dorena Lake (station 14155000). Several small diversions for log ponds and irrigation upstream from station.
14158000	Willamette River at Springfield, OR	44°02'45"	123°01'40"	23	1913-1942	2,030	2870	54	31	674	Flow regulated by Cottage Grove (since 1949), Dorena (since 1949), and Lookout Point Reservoir (since 1954). Small Diversions for irrigation upstream from station.
14158500	McKenzie River at outlet of Clear Lake, OR	44°21'40"	121°59'40"	41	1914-1987	92.4	4120	81	21	215	Flow regulated by natural storage in lake. At high stages an undetermined flow enters numerous sinkholes in lava rock along south edge of lake upstream from station. Hydrologic drainage boundary uncertain because of interbasin ground-water exchange.
14158790	Smith River above Smith River Reservoir, near Belknap Springs, OR	44°20'05"	122°02'45"	26	1962-1987	16.2				4.0	No regulation or diversion upstream from station.
14158850	McKenzie River below Trail Bridge Dam, near Belknap Springs, OR	44°16'05"	122°02'55"	23	1965-1987	184				60	Flow regulated since 1963 by Smith River Reservoir (station 14158795). Diurnal fluctuations by powerplants and by Trail Bridge reregulating reservoir upstream. Water is diverted from McKenzie River is SW ¼ sec. 20, T. 14, S. , R. 7E., to Smith River Reservoir and returned to river upstream from station.
14159000	McKenzie River at McKenzie Bridge, OR	44°10'45"	122°07'45"	51	1912-1962	348	4220	86	20	1040	Flow regulated since March 1963 by Smith River Reservoir (Carmen-Smith Project) 12 mi. up stream (station 14158795). No diversion upstream from station.
14159000	McKenzie River at McKenzie Bridge, OR	44°10'45"	122°07'45"	23	1965-1987	348	4220	86	20	1030	

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STATION NUMBER	STATION NAME										
WILLAMETTE RIVER BASIN (cont)											
14159200	South Fork McKenzie River above Cougar Lake, near Rainbow, OR	44°02'50"	122°13'00"	29	1959-1987	160	4290	65	23	209	No regulation or diversion upstream from station.
14159500	South Fork McKenzie River near Rainbow, OR	44°08'10"	122°14'50"	14	1949-1962	208	4080	70	24	238	Flow regulated since 1963 by Cougar Lake (station 14159400), usable capacity, 165,000 acre-ft. No diversion upstream from station.
14159500	South Fork McKenzie River near Rainbow, OR	44°08'10"	122°14'50"	23	1965-1987	208	4080	70	24	236	
14161100	Blue River below Tidbits Creek, near Blue River, OR	44°13'05"	122°15'50"	23	1965-1987	45.8				12	No regulation or diversion upstream from station.
14161500	Lookout Creek near Blue River, OR	44°12'35"	122°15'20"	28	1951-1987	24.1	3190	104	25.7	9.8	No regulation or diversion upstream from station.
14162000	Blue River near Blue River, OR	44°10'55"	122°16'45"	28	1937-1964	75	3170	117	26.2	21	No regulation or diversion upstream from station.
14162200	Blue River at Blue River, OR	44°09'45"	122°19'55"	18	1970-1987	87.7				35	Flow regulated since October 1968 by Blue River Lake (station 14162100). No diversion upstream from station. Discharge not adjusted for storage or release from Blue River Lake as losses from reservoir at times exceed natural flow.
14162500	McKenzie River near Vida, OR	44°07'30"	122°28'10"	37	1926-1962	930	3850	83	23.0	1580	Flow regulated since 1963 by Smith River Reservoir (station 14158795) and Cougar Lake (station 14159400) and since 1968 by Blue River Lake (station 14162100). No diversion upstream from station.
14163000	Gate Creek at Vida, OR	44°08'45"	122°34'15"	25	1953-1987	47.6	2150	92	31.0	18	No regulation or diversion upstream from station.
14165000	Mohawk River near Springfield, OR	44°05'34"	122°57'20"	39	1937-1987	177	1510	70	32.0	22	Many diversions for irrigation upstream from station.
14165500	McKenzie River near Coburg, OR	44°06'45"	123°02'45"	17	1946-1962	1,337	3180	79	30.0	1850	Flow regulated since 1963 by Smith River Reservoir and Cougar Lake and since 1968 by Blue River Lake. Slight diurnal fluctuation caused by logponds and powerplants upstream. Water supply for City of Eugene is diverted 10 mi upstream; small diversions for irrigation upstream from station.
14166000	Willamette River at Harrisburg, OR	44°16'14"	123°10'21"	18	1970-1987	3420				4510	Flow regulation by 8 reservoirs upstream from station. Many small diversions upstream from station for irrigation.
14169001	Long Tom River near Alvadore, OR	44°07'25"	123°17'55"	24	1962-1985	252				32	Flow regulated since 1941 by Fern Ridge Lake (station 14168000). Several small diversions for irrigation upstream from station. Records include diversion to Coyote Creek Channel. Point of diversion is 500 ft. upstream and point of return, 2.3 mi downstream. Discharge not adjusted for storage or release from Fern Ridge Lake as evaporation from reservoir at times exceeds natural flow and diversions, and beginning in November 1951, most of flow of Amazon Creek has been diverted into Fern Ridge Lake.
14169300	Amazon Creek at Eugene, OR	44°00'45"	123°04'35"	12	1964-1975	3.35				0.1	No regulation or diversion upstream from station.
14170000	Long Tom River at Monroe, OR	44°18'50"	121°17'45"	12	1929-1940	391				15	Flow regulated since 1941 by Fern Ridge Lake (station 14168000). Several small diversions upstream from station.
14170000	Long Tom River at Monroe, OR	44°18'50"	121°17'45"	45	1943-1987	391				31	
14170500	Rock Creek near Philomath, OR	44°30'05"	123°26'20"	10	1947-1979	14.6	1510	91	31.0	0.8	Flow regulated by small storage reservoir operated by City of Corvallis, most low-water flow diverted to City of Corvallis water supply system.
14171000	Marys River near Philomath, OR	44°31'35"	123°20'00"	44	1942-1985	159	925	78	31.0	11	Records include flow of Evergreen Creek at Bellfountain road crossing 1.4 mi south of station, with which overflow from Marys River may at times be mingled. Slight regulation by small storage reservoir on Rock Creek from which municipal supply is diverted for City of Corvallis. Other small diversions upstream from station for irrigation.
14172000	Calapooia River at Holley, OR,	44°21'05"	122°47'10"	51	1937-1987	105	2060	89	31.0	26	Slight regulation at times during low-water periods by small dam upstream. Diversions for irrigation upstream from station.
14173500	Calapooia River at Albany, OR	44°37'15"	123°07'40"	40	1942-1981	372	955	56	33.0	23	Higher flows are affected by backwater from Willamette River at times. Diurnal fluctuation caused by ponds at flourmills near Shedd. Diversions for irrigation upstream from station.
14174000	Willamette River at Albany, OR	44°38'20"	123°06'20"	18	1896-1941	4,840	2230	60	31.0	2630	Flow regulated by nine reservoirs upstream from station. Albany power canal diverts water from South Santiam River at Lebanon and discharges into Calapooia River near mouth; small diversions for irrigation and municipal water supply.
14174000	Willamette River at Albany, OR	44°38'20"	123°06'20"	18	1970-1987	4,840	2230	60	31.0	4800	

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WILLAMETTE RIVER BASIN (cont)											
14178000	North Santiam River below Boulder Creek, near Detroit, OR	44°42'25"	122°06'00"	59	1909-1987	216	3720	80	20.0	391	No regulation or diversion upstream from station.
14179000	Breitenbush River above French Creek, near Detroit, OR	44°45'10"	122°07'40"	54	1934-1987	108	3720	77	23.0	123	No regulation or diversion upstream from station.
14181500	North Santiam River at Niagara, OR	44°45'10"	122°17'50"	20	1913-1952	453	3510	81	22.0	567	Flow regulated since 1953 by Detroit Lake (station 14180500) and Big Cliff Reservoir, usable capacity for re-regulation purposes 2,930 acre-ft. No diversion upstream from stations.
14182500	Little North Santiam River near Mehama, OR	44°47'30"	122°34'40"	55	1933-1987	112	2640	97	27.0	30	No regulation or diversion upstream from station.
14183000	North Santiam River at Mehama, OR	44°47'20"	122°37'00"	34	1907-1952	655	3350	86	27.0	601	Flow regulated since 1953 by Detroit Lake (station 14180500) and Big Cliff Reservoir, usable capacity for re-regulating purposes, 2,930 acre-ft. No diversion upstream from station.
14183000	North Santiam River at Mehama, OR	44°47'20"	122°37'00"	33	1955-1987	655	3350	86	27.0	1120	
14185000	South Santiam River below Cascadia, OR	44°23'35"	122°30'35"	51	1937-1987	174	2870	101	27.0	51	No regulation or diversion upstream from station.
14185800	Middle Santiam River near Cascadia, OR	44°30'50"	121°22'15"	17	1965-1981	104	3300	110	28.0	46	No regulation or diversion upstream from station.
14185900	Quartzville Creek near Cascadia, OR	44°32'25"	122°26'05"	21	1967-1987	99.2	3200	110	28.0	30	No regulation no diversion upstream from station.
14186000	Middle Santiam River near Foster, OR	44°27'35"	122°31'25"	15	1933-1947	271	2970	106	26.0	80	No diversion or regulation upstream of station.
14186500	Middle Santiam River at mouth, near Foster, OR	44°25'25"	122°37'25"	15	1952-1966	287				105	Slight regulation from construction of Green Peter Dam upstream from station.
14187000	Wiley Creek near Foster, OR	44°22'20"	122°37'20"	24	1949-1972	51.8	2480	71	30.0	10	No regulation or diversion upstream from station.
14187100	Wiley Creek at Foster, OR	44°23'55"	122°39'35"	13	1975-1987	62.3				9	No regulation or diversion upstream from station.
14187200	South Santiam River near Foster, OR	44°24'45"	122°41'15"	13	1975-1987	557				670	Flow regulated since October 1966 by Green Peter Lake (station 14186100) and since December 1966 by Foster Lake (station 14186600). No diversion from upstream.
14187500	South Santiam River at Waterloo, OR	44°29'55"	122°49'20"	41	1925-1965	640	2560	90	28	155	Flow regulated since October 1966 by Green Peter Lake (station 141861000) and since December 1966 by Foster Lake (station 14186600). No diversion upstream from station.
14187500	South Santiam River at Waterloo, OR	44°29'55"	122°49'20"	20	1967-1987	640	2560	90	28	616	
14188800	Thomas Creek near Scio, OR	44°42'42"	122°45'55"	24	1964-1987	109	1900	55	28	20	No regulation. Several small diversions for irrigation upstream from station.
14189000	Santiam River at Jefferson, OR	44°42'55"	122°00'40"	21	1909-1953	1,790	2470	78	27	508	Flow regulated since 1953 by Detroit Lake (station 14180500), since 1966 by Green Peter Lake (station 14186100) and by Foster Lake (station 14186600). Salem canal diverts from North Santiam River at Stayton for irrigation and power, most of this water reaches Willamette River by way of Mill Creek at Salem. Stayton Canal diverts from North Santiam River at Stayton for irrigation of lands near town of West Stayton; some return flow reaches North Santiam River upstream from station. Albany power canal diverts from South Santiam River at Lebanon; return flow reaches Willamette River at Albany.
14189000	Santiam River at Jefferson, OR	44°42'55"	122°00'40"	20	1968-1987	1,790	2470	78	27.0	1350	
14189500	Luckiamute River near Hoskins, OR	44°43'10"	123°30'10"	43	1936-1978	34.3	1310	91	30.0	9.7	Logponds upstream cause diurnal fluctuation at times. Minor diversion upstream from station by pumping for irrigation.
14190000	Luckiamute River at Pedee, OR	44°44'35"	123° 25'25"	29	1940-1970	115	1010	74	30.0	16	Some diurnal fluctuation at low flow caused by logponds upstream. Several small diversions for irrigation upstream from station.
14190500	Luckiamute River near Suver, OR	44°47'00"	123°14'00"	46	1941-1987	240	910	72	31.0	28	Some diurnal fluctuation during periods of low flow caused by millpond upstream from station. A few small diversions for irrigation upstream from station.
14190700	Rickreall Creek near Dallas, OR	44°54'55"	123°23'02"	17	1962-1978	27.4				2.4	Low flow regulated since June 1960 by Aaron Mercer Reservoir, usable capacity, 2,010 acre-ft. Diversion for City of Dallas municipal supply from four tributaries and Rickreall Creek upstream from station.
14191000	Willamette River at Salem, OR	44°56'40"	123°02'30"	24	1911-1941	7280	2150	64	31.0	3310	Flow regulated by reservoirs upstream from station. Many small diversions for irrigation upstream from station; part of flow of Salem Canal, which diverts water from North Santiam River, returns to Willamette River downstream from Station, through Mill Creek at Salem
14191000	Willamette River at Salem, OR	44°56'40"	123°02'30"	18	1970-1987	7280	2150	64	31.0	6520	

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WILLAMETTE RIVER BASIN (cont)											
14192500	South Yamhill River near Willamina, OR	45°02'50"	123°30'10"	52	1936-1987	133	950	101	30.0	14	Slight regulation occasionally at low flows by millpond upstream. No diversion upstream from station.
14193000	Willamina Creek near Willamina, OR	45°08'35"	123°29'35"	52	1936-1987	64.7	1060	88	29.0	13	No regulation or diversion upstream from station.
14193300	Mill Creek near Willamina, OR	44°58'15"	123°26'55"	14	1960-1973	27.4	1720	115	28.5	4.1	No regulation or diversion upstream from station.
14194000	South Yamhill River near Whiteson, OR	45°10'08"	123°12'25"	46	1942-1987	502	750	78	30.0	27	Slight regulation during low-water periods by logpond. Many small diversions for irrigation upstream from station.
14194300	North Yamhill River near Fairdale, OR	45°21'55"	123°22'40"	26	1960-1987	9.03				3.3	No regulation or diversion upstream from station.
14195000	Haskins Creek near McMinnville, OR	45°18'50"	123°21'55"	22	1930-1951	6.48	2320	105	28.0	1.1	No regulation. Since Sept. 2, 1937, a small amount of water (average, 1.4-ft. <sup>3</sup> /S) has been diverted at a point 800 ft. upstream for municipal supply of McMinnville.
14196500	North Yamhill River near Pike, OR	45°22'15"	123°17'10"	10	1942-1951	47.8	1400	88	29.0	9.1	Occasional diurnal fluctuations caused by small dams upstream; no seasonal regulation. Water supply for City of McMinnville is diverted from Haskins Creek upstream from station
14197000	North Yamhill River at Pike, OR	45°22'10"	123°15'15"	24	1950-1973	66.8	1270	80	29.0	8.2	Seasonal regulation by Haskins Creek Reservoir (station 14195500): occasional diurnal fluctuation caused by Haskins Creek Dam and smaller dams upstream. Water supply for City of McMinnville is diverted from Haskins Creek from station and for City of Yamhill is diverted from Turner Creek upstream from station. Smaller diversions upstream from station for irrigation.
14198000	Willamette River at Wilsonville, OR	45°17'57"	122°45'00"	20	1954-1973	8,400				6160	Flow regulated by reservoirs upstream from station. Many diversions for irrigation upstream from station.
14198500	Molalla River above Pine Creek, near Wilhoit, OR	45°00'35"	122°28'45"	51	1937-1987	97	2910	91	27.0	31	No regulation or diversion upstream from station.
14200000	Molalla River near Canby, OR	45°14'40"	122°41'10"	44	1930-1978	323	1910	68	31.0	61	No regulation. Numerous small diversions for irrigation upstream from station.
14200300	Silver Creek at Silverton, OR	45°00'34"	122°47'15"	12	1965-1979	47.9				6.6	No regulation. Several small diversions for irrigation and municipal use upstream from station.
14201000	Pudding River near Mount Angel, OR	45°03'47"	122°49'45"	26	1941-1966	204	1280	60	31.0	16	No regulation. Many small diversions for irrigation upstream from station.
14201500	Butte Creek at Monitor, OR	45°06'06"	122°44'42"	29	1942-1985	58.7	1670	73	31.0	5.7	No regulation. Diversions for irrigation by pumping upstream from station.
14202000	Pudding River at Aurora, OR	45°14'00"	122°44'56"	35	1930-1964	479	859	55	33.0	51	Slight regulation at high stages by pumping plant at mouth of Little Pudding River and at times, in summer by mills on tributaries. Small diversions upstream from station.
14202500	Tualatin River near Gaston, OR	45°26'11"	123°10'07"	13	1952-1984	48.5	1260	76	29.0	6.4	Slight diurnal fluctuation caused by logponds upstream. Small diversions for irrigation upstream from station. In 1949 City of Hillsboro began diverting about 5-ft <sup>3</sup> /s for municipal supply. Some water is diverted from Roaring Creek upstream for Forest Grove municipal supply.
14202980	Scoggins Creek below Henry Hagg Lake near Gaston, OR	45°28'10"	123°11'56"	11	1977-1987	38.8				14	Flow completely regulated by Henry Hagg Lake since January 1975. Discharge not adjusted for storage or release from Henry Hagg Lake as evaporation from reservoir at times exceeds natural flow.
14203000	Scoggins Creek near Gaston, OR	45°27'32"	123°09'16"	16	1959-1974	43.3	1090	66	29.0	1.9	Some diurnal fluctuation caused by logponds upstream from station. Diversions by pumping for irrigation upstream from station. Part of domestic water supply for Hillsboro is diverted from Sain Creek upstream from station.
14203500	Tualatin River near Dilley, OR	45°28'30"	123°07'23"	25	1950-1974	125	1260	59	30.0	4.5	Diurnal fluctuation caused by operation of millpond on Scoggins Creek upstream from station and regulation by Henry Hagg Lake since January 1975. Diversions upstream from station of approximately 3,000 acre-ft. from J. W. Barney Reservoir on the Middle Fork of North Fork Trask River for municipal water supply and irrigation in Wapato Lake area.
14203500	Tualatin River near Dilley, OR	45°28'30"	123°07'23"	11	1977-1987	125	1260	59	30.0	48	No regulation or diversion upstream.
14204000	Gales Creek near Gales Creek, OR	45°38'30"	123°15'55"	15	1937-1970	33.2	1310	70	28.0	6.2	No regulation or diversion upstream.
14204500	Gales Creek near Forest Grove, OR	45°33'20"	123°11'10"	25	1942-1981	66.1	1080	63	29.0	8.8	No regulation. Small diversions for irrigation upstream from station.
14205500	East Fork Dairy Creek at Mountaindale, OR	45°38'05"	123°02'35"	10	1942-1951	43	1120	48	31.0	11	Diurnal fluctuation at low stages caused by logpond upstream. Probably some pumping for irrigation upstream from station.
14206500	Tualatin River at Farmington, OR	45°26'50"	122°56'58"	16	1952-1984	568	750	48	31.0	37	Flow regulated by Henry Hagg Lake since January 1975.

Note 1 Number of values used to compute statistics.

**TABLE A: 2-YEAR 7-CONSECUTIVE DAY LOW FLOW DISCHARGES FOR WESTERN OREGON**

REVISED March 1, 2004

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STATION NUMBER	STATION NAME										
WILLAMETTE RIVER BASIN (cont)											
14207500	Tualatin River at West Linn, OR	45°21'03"	121°40'30"	22	1930-1951	706	655	46	32.0	10	October 1951 to September 1970, all records published for this station included the daily flow in Oswego Canal. Oswego Canal diverts at point 5.0 mi upstream from station for development of power between outlet of Lake Oswego and Willamette River. Some regulation in low-water season by flashboards on crest of diversion dam for Oswego Canal and regulation by Henry Hagg Lake since January 1975. Several diversions upstream from station.
14207500	Tualatin River at West Linn, OR	45°21'03"	121°40'30"	18	1953-1970	706	655	46	32.0	3.4	
14208000	Clackamas River at Big Bottom, OR	45°01'00"	121°55'10"	49	1922-1970	136	3900	91	20.0	242	Nor regulation or diversion upstream from station.
14208500	Oak Grove Fork at Timothy Meadows, OR	45°07'00"	121°48'00"	13	1914-1928	54	3740	70	21.0	125	No diversion upstream from station. No regulation except natural storage in Clackamas Lake and in meadows upstream from station.
14208700	Oak Grove Fork near Government Camp, OR	45°06'50"	121°48'50"	30	1958-1987	54.4				40	Flow regulated since 1956 by Timothy Lake (station 14208600). No diversion upstream from station.
14209000	Oak Grove Fork above Powerplant Intake, OR	45°04'20"	121°57'00"	37	1911-1955	126	3750	69	22.0	308	Flow regulated since 1956 by Timothy Lake (station 14208600). No diversion upstream from station.
14209000	Oak Grove Fork above Powerplant Intake, OR	45°04'20"	121°57'00"	30	1958-1987	126	3750	69	22.0	264	
14209500	Clackamas River above Three Lynx Creek, OR	45°07'30"	122°04'20"	69	1910-1987	479	3570	79	23.0	663	Minor regulation since May 1956 by Timothy Lake (station 14208600).
14210000	Clackamas River at Estacada, OR	45°18'00"	122°21'10"	48	1910-1957	671	3350	77	25.0	794	Large diurnal fluctuations and some regulation caused by powerplants at River Mill Dam and, since 1958 North Fork Dam. Minor regulation since 1956 by Timothy Lake (station 14208600). Two small diversions upstream from station for Oregon City and Estacada municipal water supply.
14210000	Clackamas River at Estacada, OR	45°18'00"	122°21'10"	28	1960-1987	671	3350	77	25.0	742	
14211000	Clackamas River near Clackamas, OR	45°23'36"	122°31'54"	20	1964-1983	930				784	Diurnal fluctuations and some regulation by powerplants and several storage dams upstream, operated by Portland General Electric Co. Small diversions upstream from station for Estacada municipal water supply
14211500	Johnson Creek at Sycamore, OR	45°28'40"	122°30'24"	46	1942-1987	26.5	520	43	32.0	0.8	Slight diurnal fluctuation at low flow caused by recreational ponds upstream. Small diversions for irrigation upstream from station.
14211720	Willamette River at Portland, OR	45°31'07"	122°40'00"	14	1974-1987	11,100				7290	Flow regulated by many reservoirs upstream. Many diversions for irrigation upstream from station.
YOUNGS RIVER BASIN											
14251500	Youngs River near Astoria, OR	46°04'02"	123°47'20"	13	1929-1941	40.1	930	97	34.0	5.5	No regulation, Youngs River-Lewis and Clark Water District has diverted water 4 mi upstream from station for domestic use downstream from station since 1941.
14251500	Youngs River near Astoria, OR	46°04'02"	123°47'20"	16	1943-1958	40.1	930	97	34.0	6.2	
NEHALEM RIVER BASIN											
14301000	Nehalem River near Foss, OR	45°42'15"	123°45'15"	47	1941-1987	667	1180	82	30.0	93	No regulation. Several small diversions for irrigation and domestic use upstream from station.
WILSON RIVER BASIN											
14301500	Wilson River near Tillamook, OR	45°29'05"	123°41'20"	55	1933-1987	161	1640	103	29.0	72	No regulation. Small diversions for domestic use upstream from station.
TRASK RIVER BASIN											
14302500	Trask River near Tillamook, OR	45°26'25"	123°43'00"	33	1933-1972	145	1740	103	29.0	75	No regulation. Water diverted from the J. W. Barney Reservoir since July 1, 1972.
NESTUCCA RIVER BASIN											
14302900	Nestucca River near Fairdale, OR	45°18'40"	123°25'05"	17	1971-1987	6.18				2.2	Flow regulated since March 1969 by McGuire Lake about 1 mi upstream from station (station 14302800); during winter months lake is empty except when inflow exceeds capacity of outlet tunnel.
14303000	Nestucca River near McMinnville, OR	45°19'30"	123°27'00"	15	1930-1944	12	2070	100	28.0	1.9	No diversion upstream from station. Flow slightly regulated by dam at outlet of Meadow Lake. In summer, all of flow leaks under earth fill dam. (Note: dam removed in 1965)
14303600	Nestucca River near Beaver, OR	45°16'00"	123°50'45"	22	1966-1987	180	1300	110	31.0	72	No regulation. Small diversions for irrigation upstream from station.
SILETZ RIVER BASIN											
14305500	Siletz River at Siletz, OR	45°42'55"	123°53'10"	65	1907-1987	202	1260	118	31.0	81	Slight regulation from logponds. Small diversions upstream from station for irrigation.
YAQUINA RIVER BASIN											
14306030	Yaquina River near Chitwood, OR	44°39'29"	123°50'15"	14	1974-1987	71				7.6	No regulation or diversion upstream from station.

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STATION NUMBER	STATION NAME										
YAQUINA RIVER BASIN (cont)											
14306036	Mill Creek near Toledo, OR	44°34'35"	123°54'25"	12	1962-1973	4.18				0.5	Except for average discharge, figures not adjusted for diversion for City of Toledo municipal supply. Occasional fluctuation caused by City of Toledo diversion dam, capacity, 250 acre-ft.
ALSEA RIVER BASIN											
14306100	North Fork Alsea River at Alsea, OR	44°22'45"	123°35'40"	29	1959-1987	63	1410	98	31.0	18	No regulation. Some diversion by pumping upstream from station.
14306400	Five Rivers near Fisher, OR	44°20'15"	123°49'35"	21	1962-1987	114	900	100	30.0	28	No regulation or diversion upstream from station.
14306500	Alsea River near Tidewater, OR	44°23'10"	123°49'50"	46	1941-1987	334	1150	93	31.0	79	No regulation. Diversion for irrigation upstream from station.
14306700	Needle Branch near Salado, OR	44°30'55"	123°51'20"	14	1960-1973	0.27	650	100	34.0	0.0	No regulation or diversion upstream from station.
14306800	Flynn Creek near Salado, OR	44°32'20"	123°51'05"	14	1960-1973	.78	947	98	34.0	0.2	No regulation or diversion upstream from station.
14306810	Deer Creek near Salado, OR	44°32'05"	123°52'35"	14	1960-1973	1.17	1030	95	35.0	0.3	No regulation or diversion upstream from station.
BIG CREEK RIVER BASIN											
14306900	Big Creek near Roosevelt Beach, OR	44°10'05"	124°03'55"	14	1974-1985	11.9				6.4	No regulation or diversion upstream from station.
SIUSLAW RIVER BASIN											
14307500	Lake Creek at Triangle Lake, OR	44°09'40"	123°34'10"	23	1933-1955	52.5	1430	83	31.0	9.9	Flow regulated by natural storage in Triangle Lake. No diversion upstream from station.
14307580	Lake Creek near Deadwood, OR	44°04'58"	123°47'05"	19	1969-1987	174				27	Flow slightly regulated by natural storage in Triangle Lake. Several diversions for irrigation upstream from station.
14307620	Siuslaw River near Mapleton, OR	44°03'45"	123°52'55"	19	1967-1987	588				95	No regulation or diversions upstream from station.
14307645	North Fork Siuslaw River near Minerva, OR	44°02'50"	124°00'10"	17	1969-1985	41.2				16	No regulation. Small diversions for irrigation upstream from station.
UMPQUA RIVER BASIN											
14307700	Jackson Creek near Tiller, OR	42°57'15"	122°49'40"	30	1957-1986	152	3570	49	30.0	18	No regulation or diversion upstream from station.
14308000	South Umpqua River at Tiller, OR	42°55'50"	122°56'50"	47	1941-1987	449	3130	45	31.0	47	No regulation. Small diversions for irrigation upstream from station.
14308500	Elk Creek near Drew, OR	42°53'25"	122°55'00"	27	1956-1982	54.4	2900	52	31.0	0.6	No regulation. Several diversions for irrigation upstream from station.
14308600	South Umpqua River at Days Creek, OR	42°58'05"	123°09'60"	12	1976-1987	641				50	No regulation. Many small diversions for irrigation upstream from station.
14308700	Days Creek at Days Creek, OR	42°58'55"	123°08'55"	16	1957-1972	55.3	1680	37	32.5	0.5	No regulation. Several diversions for irrigation upstream from station.
14309000	Cow Creek near Azalea, OR	42°49'30"	123°10'40"	55	1930-1985	78	2920	54	32.0	8.8	Flow regulated since Oct. 7, 1985 by Galesville Reservoir (station 14308995). Diversions for irrigation upstream from station.
14309500	West Fork Cow Creek near Glendale, OR	42°48'15"	123°36'35"	31	1957-1987	86.9	1990	83	30.0	7.4	No regulation or diversion upstream from station.
14310000	Cow Creek near Riddle, OR	42°55'25"	123°25'40"	30	1956-1985	456	683	59	31.0	27	Regulated since Oct. 7, 1985 by Galesville Reservoir (station 14308995). Many small diversions for irrigation upstream from station.
14310700	South Myrtle Creek near Myrtle Creek, OR	43°01'55"	123°11'30"	16	1957-1972	43.9	1960	37	33.0	1.6	No regulation. Several diversions for irrigation upstream from station.
14311000	North Myrtle Creek near Myrtle Creek, OR	43°02'30"	123°15'30"	30	1957-1986	54.2	2050	35	33.0	2	No regulation. Several diversions for irrigation upstream from station.
14311200	Olalla Creek near Tenmile, OR	43°02'20"	123°32'35"	16	1958-1973	61.3	1740	48	30.5	0.1	No regulation. Some diversions for irrigation upstream from station.
14312000	South Umpqua River near Brockway, OR	43°08'00"	123°23'50"	37	1943-1979	1,670	2230	46	32.0	82	Regulation from Ben Irving Reservoir, since January 1980, on Berry Creek during summer months. Many small diversions from irrigation upstream from station.

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STATION NUMBER	STATION NAME										
UMPOUA RIVER BASIN (cont)											
14312200	Deer Creek near Roseburg, OR	43°13'10"	123°16'35"	17	1957-1973	53.2	1080	33	33.0	0.4	No regulation. Diversions upstream from station from logponds and many small diversions by pumping for irrigation upstream from station.
14312500	Lake Creek near Diamond Lake, OR	43°11'10"	122°09'55"	30	1935-1984	54.9				9.4	Flow regulated by gates and fish racks at lake outlet. No diversion upstream from station.
14315500	North Umpqua River at Toketee Falls, OR	43°15'50"	122°25'20"	20	1927-1948	339	5130	53	24.0	581	No diversion or regulation upstream from station.
14316500	North Umpqua River above Copeland Creek, near Toketee Falls, OR	43°17'45"	122°32'10"	37	1951-1987	475	4870	52	20.0	757	Considerable fluctuation caused by powerplants upstream; flow slightly regulated by Diamond Lake and by Lemolo Lake (station 14313000). No diversion upstream from station.
14316700	Steamboat Creek near Glide, OR	43°21'00"	122°43'40"	30	1958-1987	227	2640	57	30.0	38	No regulation or diversion upstream from station.
14317500	North Umpqua River above Rock Creek, near Glide, OR	43°19'40"	123°00'00"	19	1926-1945	886	3980	52	27.0	684	No diversion or regulation upstream from station.
14317600	Rock Creek near Glide, OR	43°20'45"	122°59'30"	15	1959-1973	97.4	2800	56	32.0	21	No diversion or regulation upstream from station.
14318000	Little River at Peel, OR	45°15'10"	123°01'30"	32	1956-1987	177	2590	51	32.5	20	No regulation. Small diversions for rural domestic use and irrigation upstream from station.
14318500	North Umpqua River near Glide, OR	43°18'20"	123°07'00"	12	1917-1938	1,210	3520	50	30.0	730	No diversion or regulation upstream from station.
14319500	North Umpqua River at Winchester, OR	43°16'20"	123°24'40"	41	1910-1987	1,344	3480	49	33.5	833	Diurnal fluctuation caused by upstream powerplants; slight regulation by Lemolo Lake and Diamond Lake. Several small diversions upstream from station.
14319900	Calapooya Creek at Nonpareil, OR	43°25'04"	123°09'13"	10	1978-1987	88.6		45	34.0	9.4	Only minor diversions by pumping for irrigation upstream from station.
14320700	Calapooya Creek near Oakland, OR	43°24'10"	123°21'45"	17	1957-1973	210	1310	46	33.7	6.4	Diversions upstream from station for municipal supply of cities of Sutherlin and Oakland. Small diversions by pumping for irrigation upstream from station.
14321000	Umpqua River near Elkton, OR	43°35'10"	123°33'15"	81	1907-1987	3,683	2480	47	32.0	1000	Regulation by powerplants on North Umpqua River ordinarily does not affect discharge at this station. Diversions for irrigation upstream from station.
14322000	Elk Creek near Drain, OR	43°38'30"	123°17'50"	18	1957-1979	104	1020	43	34.0	0.5	No regulation. Small diversions by pumping for irrigation upstream from station. Municipal supply for town of Yoncalla is diverted from Wilson Creek upstream from station.
TENMILE CREEK BASIN											
14323200	Tenmile Creek near Lakeside, OR	43°34'40"	124°11'30"	18	1959-1976	87	502	80	36.0	8.5	Flow affected by natural storage in Tenmile Lake and other tributaries to Eel and Saunders Creeks. No diversion upstream from station.
COOS RIVER BASIN											
14324500	West Fork Millicoma River near Allegany, OR	43°28'35"	124°03'20"	26	1956-1981	46.9	1220	91	34.0	3.9	No regulation. Only minor diversions for irrigation upstream from station.
COQUILLE RIVER BASIN											
14324600	South Fork Coquille River above Panther Creek, near Illahe, OR	42°45'30"	123°59'10"	13	1958-1970	31.2	2860	85	34.0	1.6	No regulation or diversion upstream from station.
14324700	South Fork Coquille River near Illahe, OR	42°43'30"	124°00'40"	17	1958-1974	40.6	2780	90	34.0	2.3	No regulation or diversion upstream from station.
14324900	South Fork Coquille River near Powers, OR	42°47'05"	124°02'25"	13	1958-1970	93.2	2420	92	35.0	13	No regulation or diversion upstream from station.
14325000	South Fork Coquille River at Powers, OR	42°53'30"	124°04'10"	67	1918-1987	169	2200	77	35.0	20	No regulation. Small diversions for irrigation upstream from station.
14326500	Middle Fork Coquille River near Myrtle Point, OR	43°01'30"	124°05'20"	15	1932-1946	305	1460	76	32.0	13	No diversion upstream from station. Flow regulated during winter and spring months by operation of log ponds.
14326800	North Fork Coquille River near Fairview, OR	43°11'03"	124°04'33"	17	1965-1981	73.9	800	75	34.0	4.5	No regulation. Several diversions for irrigation upstream from station.
14327000	North Fork Coquille River near Myrtle Point, OR	43°04'15"	124°06'20"	21	1930-1968	282	1180	72	34.0	24	No regulation. Small diversions for irrigation upstream from station.

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STATION NUMBER	STATION NAME										
<b>ROGUE RIVER BASIN</b>											
14327500	Rogue River above Bybee Creek, near Union Creek, OR	42°56'05"	122°25'15"	22	1931-1952	156	5200	56	23.0	264	No regulation or diversion upstream from station.
14328000	Rogue River above Prospect, OR	42°46'30"	122°29'55"	65	1909-1987	312	4900	54	23.0	379	No regulation or diversion upstream from station.
14330000	Rogue River below Prospect, OR	42°43'50"	122°30'55"	18	1970-1987	379				889	Fluctuations caused by powerplant 600 ft. upstream from station. Small diversions for irrigation upstream from station.
14330500	South Fork Rogue River above Imnaha Creek, near Prospect, OR	42°42'25"	122°23'20"	17	1933-1949	52	5230	50	20.0	46	No diversion or regulation upstream from station.
14331000	Imnaha Creek near Prospect, OR	42°41'20"	122°23'00"	15	1935-1949	26	4850	58	21.0	19	No diversion or regulation upstream from station.
14333000	Middle Fork Rogue River near Prospect, OR	42°44' 05"	122°24'05"	22	1934-1955	56.5	5310	56	21.0	113	All records given herein include flow in Middle Fork power canal which diverts 850 ft. upstream from station for hydroelectric power and returns water to the Rogue River above South Fork Rogue River; practically no storage upstream from diversion dam.
14333500	Red Blanket Creek near Prospect, OR	42°46'40"	122°25'35"	47	1935-1981	45.5	5290	54	20.0	58	No regulation. Small diversions for irrigation upstream from station.
14334700	South Fork Rogue River, south of Prospect, OR	42°42'45"	122°30'20"	18	1970-1987	246				88	Some regulation by South Fork canal dam upstream. Power diversions upstream from station from South Fork Rogue River, Middle Fork Rogue River, and Red Blanket Creek divert water to Rogue River via Main Canal. During summer base flow all of streamflow is diverted for power except that for fish life. Base flow at station is principally from springs downstream from power diversions.
14335000	Rogue River below South Fork Rogue River, near Prospect, OR	42°42'00"	122°35'40"	36	1930-1965	650	4700	50	23.0	913	Considerable diurnal fluctuation caused by powerplant 5.5 mi upstream from station. Small diversions for irrigation upstream from station.
14335500	South Fork Big Butte Creek near Butte Falls, OR	42°32'25"	122°33'15"	59	1929-1987	138	3950	36	22.5	67	Flow slightly regulated since 1952 by Willow Creek Reservoir, capacity, 7,320 acre-ft. Diversions for irrigation upstream from station and for municipal water supply for Medford (since 1927) and Butte Falls.
14337500	Big Butte Creek near McLeod, OR	42°39'05"	122°41'25"	30	1947-1987	245	3520	36	24.0	60	Slight regulation by fish hatchery 600 ft. upstream from station. Several diversions in the vicinity of Butte Falls, the two largest being the City of Medford diversion and Eagle Point Irrigation District Canal.
14337600	Rogue River near McLeod, OR	42°39'20"	122°42'50"	10	1967-1976	938				1060	Flow regulated since February 1977 by Lost Creek Lake (station 14335040). Diversions for irrigation upstream from station; most of low flow of Big Butte Creek is diverted near Butte Falls.
14337800	Elk Creek near Cascade Gorge, OR	42°46'25"	122°40'15"	13	1975-1987	78.8				2.8	No regulation. Many diversions upstream from station for irrigation.
14337870	West Branch Elk Creek near Trail, OR	42°42'40"	122°44'55"	11	1975-1987	14.2				1.3	No regulation or diversions upstream from stations.
14338000	Elk Creek near Trail, OR	42°39'50"	122°44'50"	41	1947-1987	133	3100	39	28.0	2.9	Low flow regulation resulting from construction of Elk Creek Dam 1.3 mi upstream. Diversions for irrigation and dam construction upstream from station.
14339000	Rogue River at Dodge Bridge, near Eagle Point, OR	42°31'30"	122°50'30"	37	1940-1976	1,215	3930	43	25.0	1090	Flow regulated since February 1977 by Lost Creek Lake (station 14335040). Diversions for irrigation upstream from station; most of low flow of Big Butte Creek (station 14337500) is diverted near Butte Falls.
14339500	South Fork Little Butte Creek at Big Elk Ranger Station, OR	42°20'40"	122°21'30"	23	1928-1950	17	5350	26	22.0	7.6	No diversion or regulation upstream from station.
14341500	South Fork Little Butte Creek near Lakecreek, OR	42°24'30"	122°36'00"	35	1923-1957	138	4440	22	25.0	15	No regulation. Diversions for irrigation upstream from station; also, in December 1958 Dead Indian collection canal began diverting upstream from station from Code Creek and Dead Indian Creek and in December 1959 South Fork Little Butte collection canal began diverting upstream from station from South Fork Little Butte Creek, Daley Creek, and Beaver Dam Creek. These are transbasin diversions to Howard Prairie Reservoir in Klamath River basin, but eventually this creek water is diverted back to Rogue River basin for irrigation of lands in the Ashland-Medford area and power development enroute.
14341500	South Fork Little Butte Creek near Lakecreek, OR	42°24'30"	122°36'00"	21	1962-1982	138	4440	22	25.0	11	
14342500	North Fork Little Butte Creek at Fish Lake, near Lakecreek, OR	42°22'35"	122°21'20"	62	1925-1987	20.8	6520	34	22.0	3.1	Since 1915, Fish Lake has stored water for irrigation by Medford Irrigation District. Cascade Canal diverts from Fourmile Lake in Klamath River basin and discharges into lava bed 1.0 mi upstream from Fish Lake; diversion began August 1923. No diversion from creek upstream from station.
14343000	North Fork Little Butte Creek near Lakecreek, OR	42°24'10"	122°32'10"	56	1913-1985	43.8	4820	31	24.0	28	Flow partly regulated since 1915 by Fish Lake (published with station 14342500). Diversions for irrigation upstream from station; some water diverted into Fish Lake from Fourmile Lake, in Klamath River Basin, since 1923.

Note 1 Number of values used to compute statistics.

**TABLE A: 2-YEAR 7-CONSECUTIVE DAY LOW FLOW DISCHARGES FOR WESTERN OREGON**

REVISED March 1, 2004

(Data for Oregon from USGS Open-File Report 93-63 "Statistical Summaries of Streamflow Data in Oregon: Volume 2 = Annual Low and High Flow, and Instantaneous Peak Flow" and USGS Open File Report 79-553 "Magnitude and Frequency of Floods in Western Oregon.")

(See end pages for gages in adjacent states near the Oregon Border)

BASIN		LATITUDE IN DEG, MIN, AND SEC	LONGITUDE IN DEG, MIN, AND SEC	YEARS OF RECORD (Note 1)	PERIOD OF RECORD	DRAINAGE AREA IN SQUARE MILES	MEAN BASIN ELEVATION IN FEET	MEAN ANNUAL PRECIPITATION IN INCHES	TEMPERATURE INDEX IN DEGREES F	2-YEAR - 7 DAY LOW FLOW IN CUBIC FEET PER SECOND	REMARKS
STATION NUMBER	STATION NAME										
ROGUE RIVER BASIN (cont)											
14350000	Emigrant Creek near Ashland, OR	43°09'50"	122°36'15"	24	1963-1986	64.3				0.1	Flow regulated since 1924 by Emigrant Lake. Several diversions upstream from station for irrigation; the principal diversion canals are Ashland lateral and East lateral. Records for Ashland lateral and inflow to the basin from Green Springs powerplant can be obtained from the Oregon Water Resources Department. From June 1923 to August 1960, water diverted by Keene Creek Canal from Klamath River basin into Emigrant Creek upstream from station. Beginning in May 1960, water from Klamath basin diverted to Emigrant Creek upstream from station via Green Springs powerplant diversion.
14353000	West Fork Ashland Creek near Ashland, OR	42°08'55"	122°42'55"	14	1926-1982	10.5	5120	21	27.0	2.2	No regulation or diversion upstream from station.
14353500	East Fork Ashland Creek near Ashland, OR	42°09'10"	122°42'30"	14	1926-1982	8.14	5040	22	26.0	2.2	No regulation or diversion.
14357500	Bear Creek at Medford, OR	42°19'40"	122°52'10"	63	1922-1987	289				12	Flow partly regulated since 1924 by Emigrant Lake (published with station 14350000). Numerous diversions for irrigation and municipal use upstream from station.
14359000	Rogue River at Raygold, near Central Point, OR	42°26'15"	122°59'10"	70	1907-1976	2,053	3560	35	25.0	1130	Flow regulated since February 1977 by Lost Creek Lake (station 14335040). Slight regulation by Fish Lake (published with station 14342500) and Emigrant Lake (published with station 14350000). Many diversions for irrigation upstream from station.
14361500	Rogue River at Grants Pass, OR	42°25'50"	123°19'00"	37	1940-1976	2,459				1010	Flow regulated since February 1977 by Lost Creek Lake (station 14355040), slight regulation by Fish Lake and Emigrant Lake. Large fluctuation at times caused by Savage Rapids Dam 5.5 mi upstream from station. Many diversions from Rogue River and tributaries upstream from station, the largest of which is at Savage Rapids Dam or Grants Pass Irrigation District, 5.5 miles upstream from station.
14362000	Applegate River near Copper, OR	42°03'50"	123°06'37"	41	1940-1980	225	4280	35	27.0	37	Flow regulated since December 1980 by Applegate Lake (station 14361900). Some storage during winter in Squaw Lakes Reservoir, capacity, 1,100 acre-ft. on Squaw Creek upstream from station. Diversions upstream from station from Carberry Creek for irrigation in Thompson Creek basin.
14363000	Applegate River near Ruch, OR	42°10'40"	123°02'40"	26	1927-1953	302	3900	32	28.0	24	Diversions for irrigation of about 700 acres upstream from station. Cameron (Comstock). Ditch diverts as much as 14-ft <sup>3</sup> /s around station on left bank. An average of about 8-ft <sup>3</sup> /s is diverted upstream from station for irrigation in Thompson Creek basin. Several hundred acre-feet stored in Squaw Lake (capacity, 1,100 acre-ft) each spring for irrigation the following summer.
14366000	Applegate River near Applegate, OR	42°14'30"	123°08'20"	41	1940-1980	483	3660	29	28.5	19	Flow regulated since December 1980 by Applegate Lake (station 14361900). Many diversions for irrigation upstream from station. McDonald Creek Canal diverts from McDonald Creek upstream from station for irrigation in Bear Creek basin. Thompson Creek Irrigation Association ditch diverts upstream from station for irrigation in Thompson Creek basin. Fowler-Keeler and Berryman ditches divert upstream from station for irrigation downstream.
14368500	Powell Creek near Williams, OR	42°16'00"	123°17'40"	11	1948-1958	8.17	3220	28	28.0	1.4	No regulation or diversions upstream from station.
14369500	Applegate River near Wilderville, OR	42°21'15"	123°24'20"	17	1940-1950	698				10	Flow regulated since December 1980 by Applegate Lake (station 14361900). Many diversions for irrigation upstream from station. Wilderville ditch diverts up to 16-ft <sup>3</sup> /s 0.3 mi upstream and at the mouth of Jackson Creek.
14370000	Slate Creek at Wonder, OR	42°21'40"	123°31'10"	11	1947-1957	31.4	2160	45	31.0	1.2	No regulations. Several small diversions upstream for irrigation.
14371500	Grave Creek at Pease Bridge, near Placer, OR	42°38'30"	123°12'40"	41	1947-1987	22.1	3480	53	31.0	0.8	No regulations. One small diversion upstream from station. Prior to 1945, Columbia upper ditch diverted water about 2 mi upstream from station, bypassing station.
14372300	Rogue River near Agness, OR	42°34'50"	124°03'30"	15	1962-1976	3,939	3100	40	27.0	1130	Flow regulated since February 1977 by Lost Creek Lake (station 14335040), since December 1980 by Applegate Lake (station 14361900), slight regulation by Fish Lake and Emigrant Lake. Many diversions for irrigation and mining.
14372500	East Fork Illinois River near Takilma, OR	42°00'10"	123°37'30"	45	1943-1987	42.3	3900	74	29.0	8.6	No regulation. Two small diversions for irrigation upstream from station.
14375000	Sucker Creek near Holland, OR	42°09'00"	123°27'50"	19	1947-1965	76.2	3910	57	27.0	26	No regulation. Grayback Canal and 3 small diversions from Grayback and Cave Creeks divert water for domestic use and irrigation upstream from station. Most of return flow from these diversions enters creek upstream from station.
14375100	Sucker Creek below Little Grayback Creek, near Holland, OR	42°09'35"	123°28'40"	21	1967-1987	83.9				25	Grayback canal and 3 small diversions from Grayback and Cave Creeks divert water for domestic use and irrigation upstream from station. Return flow from these diversions enters creek upstream from station.

Note 1 Number of values used to compute statistics.

**TABLE A: 2-YEAR 7-CONSECUTIVE DAY LOW FLOW DISCHARGES FOR WESTERN OREGON**

REVISED March 1, 2004

(Data for Oregon from USGS Open-File Report 93-63 "Statistical Summaries of Streamflow Data in Oregon: Volume 2 = Annual Low and High Flow, and Instantaneous Peak Flow" and USGS Open File Report 79-553 "Magnitude and Frequency of Floods in Western Oregon.")

(Data for California supplies by USGS Sacramento Office.)

(Data for Washington from USGS Open-File 84-145-1 "Streamflow Statistics and Drainage-Basin Characteristics for the Southwestern and Eastern Regions, Washington, Volume I. Southwestern Washington.")

**(See end pages for gages in adjacent states near the Oregon Border)**

BASIN		LATITUDE IN DEG, MIN, AND SEC	LONGITUDE IN DEG, MIN, AND SEC	YEARS OF RECORD (Note 1)	PERIOD OF RECORD	DRAINAGE AREA IN SQUARE MILES	MEAN BASIN ELEVATION IN FEET	MEAN ANNUAL PRECIPITATION IN INCHES	TEMPERATURE INDEX IN DEGREES F	2-YEAR - 7 DAY LOW FLOW IN CUBIC FEET PER SECOND	REMARKS
STATION NUMBER	STATION NAME										
<b>ROGUE RIVER BASIN (cont)</b>											
14375500	West Fork Illinois River below Rock Creek near O'Brien, OR	42°02'20"	123°44'50"	30	1956-1985	42.4	2500	80	31.0	4.6	Three small diversions from Elk Creek for irrigation upstream from station.
14377000	Illinois River at Kerby, OR	42°11'50"	123°39'30"	34	1928-1961	364	2930	66	29.0	29	No regulation. Diversions for irrigation of 5,500 acres upstream from station. Some diversions for mining during winter months.
14677100	Illinois River at Kerby, OR	42°13'55"	123°39'45"	25	1963-1987	380				32	No regulation. Diversions for irrigation upstream from station.
14377500	Deer Creek near Dryden, OR	42°15'50"	123°27'00"	10	1947-1956	22	3370	43	28.4	1.5	No regulation. Small diversions upstream from station for irrigation.
14378000	Illinois River near Selma, OR	42°22'45"	123°48'40"	10	1958-1967	665	2780	58	29.0	76	No regulation. Many diversions upstream from station for irrigation, mining, and logpond operation. Records include flow of Panther Creek.
14378200	Illinois River near Agness, OR	42°31'15"	124°02'35"	20	1962-1981	988				165	No regulation. Many diversions upstream from station for irrigation, mining, and logpond operation. Records include flow of Fox Creek.
<b>CHETCO RIVER BASIN</b>											
14400000	Chetco River near Brookings, OR	42°07'25"	124°11'10"	17	1971-1987	271				69	No regulation or diversion upstream from station.
<b>GAGES IN CALIFORNIA NEAR OREGON BORDER</b>											
11533000	Lopez Creek near Smith River, California	41°57'36"	124°12'08"	5	1962-1966	0.92	700	80	39.0	0.01	No regulation or diversion above station.
11532620	Mill Creek near Crescent City, California	41°44'32"	124°06'06"	7	1975-1981	28.6				3.6	Minor regulation and diversion above station for lumber mill and park campground use.
11531000	Middle Fork Smith River at Gasquet, California	41°50'40"	123°57'35"	13	1912-1965	130	1500	104	38.0	53	No regulation or diversion above station.
<b>GAGES IN WASHINGTON STATE NEAR COLUMBIA RIVER BETWEEN BONNEVILLE DAM AND PORTLAND</b>											
14143500	Washougal River near Washougal, WA	45°37'20"	122°18'00"	34	1946-1979	108	1610	100	28.0	65.3	Minor regulation or diversion caused by fish hatchery above station
14212000	Salmon Creek near Battle Ground, WA	45°46'25"	122°26'35"	31	1945-1975	18.3	3010	73	29.0	2.6	No regulation or diversion above station.
<b>GAGES IN WASHINGTON STATE NEAR COLUMBIA RIVER, DOWNSTREAM FROM PORTLAND</b>											
14223000	Kalama River near Kalama, WA	46°01'10"	122°43'50"	15	1918-1932	179	2100	96	29.0	202	Slight fluctuations from powerplant above station. Practically no storage at intakes.
14223500	Kalama River below Italian Creek Near Kalama, WA	46°02'42"	122°48'51"	28	1948-1975	198	1880	82	29.0	235	No regulation. Small diversion for fish hatchery which is returned to stream above gage station.
14243500	Delameter Creek near Castle Rock, WA	46°15'49"	122°57'58"	19	1951-1969	19.6	906	72	32.0	3.8	Some diversions for domestic use. No regulation.
14245000	Coweman River near Kelso, WA	46°07'42"	122°50'14"	28	1952-1979	119	1390	69	31.0	37.7	No regulation or diversion upstream from station.
14247500	Elochoman River near Cathlamet, WA	46°13'17"	123°20'18"	30	1942-1971	65.8	1190	94	32.0	28.8	Minor diversions for irrigation and domestic use. Some diversion and minor regulation by Washington State Fish Hatchery 0.8 mi upstream. Most of the water diverted by the hatchery returned to river above the gage.
14248200	Jim Crow Creek near Grays River, WA	46°16'37"	123°33'37"	9	1966-1974	5.48	575	85	34.0	0.6	No regulation or diversion above station.
14249000	Grays River above South Fork near Grays River, WA	46°23'36"	123°28'39"	19	1957-1975	39.9	1350	116	31.0	26.3	No regulation or diversion above station.
14250500	West Fork Grays River near Grays River, WA	46°23'10"	123°33'30"	20	1950-1969	15.2	1180	103	30.0	9.2	Some regulation and diversion by fish hatchery above station. Diversions returned to stream above station.

Note 1 Number of values used to compute statistics