

11519500 Scott River near Fort Jones, CA

Klamath River Basin

LOCATION.--Lat 41°38'27", long 123°00'50" referenced to North American Datum of 1927, in NE ¼ NE ¼ sec.29, T.44 N., R.10 W., Siskiyou County, CA, Hydrologic Unit 18010208, on right bank, 1.7 mi upstream from Snow Creek, and 10.8 mi downstream from Fort Jones.

DRAINAGE AREA.--653 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1941 to current year. Monthly discharge only October to December 1941, published in WSP 1315-B.

CHEMICAL DATA: Water years 1959-79.

SEDIMENT DATA: Water years 1955-56.

REVISED RECORDS.--WSP 1445: 1942-43 (instantaneous maximum discharge), 1946 (instantaneous maximum discharge), 1948. WSP 1715: 1951-52 (instantaneous maximum discharge). WSP 1929: Drainage area.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 2,623.80 ft above NGVD of 1929 (levels by U.S. Army Corps of Engineers). Prior to Oct. 1, 1966, water-stage recorder 400 ft downstream at datum 2.00 ft higher.

REMARKS.--Records good. Diversions for irrigation of about 30,000 acres upstream from station. See schematic diagram of Klamath River and Trinity River Basins available from the California Water Science Center.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 54,600 ft³/s, Dec. 22, 1964, gage height, 25.34 ft, from floodmarks, from rating curve extended above 15,000 ft³/s, on basis of slope-area measurement at 21.40 ft, site and datum then in use; minimum daily, 3.4 ft³/s, Sept. 20-22, 2001.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,700 ft³/s and (or) maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar 31	0400	*5,100	*11.81
Apr 24	0845	3,320	10.29

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	69	93	113	347	545	302	3,230	1,780	750	164	42	9.5
2	69	94	112	273	503	290	2,110	1,540	812	159	38	9.2
3	72	95	110	232	452	279	1,720	1,380	767	147	32	9.2
4	73	94	108	204	418	279	1,530	1,410	828	137	28	9.3
5	78	95	107	187	388	282	1,350	1,220	887	129	25	9.3
6	79	96	106	175	372	286	1,200	1,100	718	117	25	9.6
7	83	95	103	161	355	279	1,070	1,060	612	107	23	9.9
8	86	95	103	150	339	276	978	1,130	548	101	22	10
9	88	95	103	142	329	275	916	1,310	498	94	21	11
10	91	95	103	136	330	280	877	1,350	459	87	18	11
11	103	96	102	132	345	300	888	1,190	423	78	17	11
12	113	96	101	128	341	313	882	1,150	404	74	15	11
13	109	95	101	124	335	342	908	1,240	401	72	14	9.9
14	105	95	100	120	324	382	915	1,440	369	70	14	8.7
15	102	95	100	118	309	420	880	1,620	341	68	13	8.9
16	99	95	100	116	294	1,070	889	1,680	315	69	14	10
17	97	95	100	111	286	1,300	989	1,520	299	71	14	11
18	97	98	100	121	288	1,000	1,020	1,290	288	69	14	11
19	97	100	101	261	282	795	1,260	1,090	264	68	14	12
20	95	101	100	599	277	705	1,720	1,020	233	66	13	13
21	95	101	100	1,780	276	823	1,980	1,110	219	66	13	14
22	93	108	98	990	284	985	2,330	1,140	219	66	12	15
23	93	123	97	635	298	907	2,940	988	247	63	11	15
24	94	128	96	490	298	806	3,130	875	256	60	11	15
25	93	124	97	833	296	780	2,860	794	245	58	10	15
26	93	121	97	1,460	285	745	2,910	740	221	56	10	16
27	93	118	97	1,370	281	706	2,330	673	203	53	10	17
28	93	116	97	950	278	941	1,820	635	187	50	10	17
29	93	116	126	746	290	997	1,660	624	175	49	10	18
30	93	114	616	646	---	2,800	1,690	639	167	46	11	18
31	93	---	600	573	---	4,650	---	677	---	44	10	---
Total	2,831	3,082	4,194	14,310	9,698	24,595	48,982	35,415	12,355	2,558	534	364.5
Mean	91.3	103	135	462	334	793	1,633	1,142	412	82.5	17.2	12.2
Max	113	128	616	1,780	545	4,650	3,230	1,780	887	164	42	18
Min	69	93	96	111	276	275	877	624	167	44	10	8.7
Ac-ft	5,620	6,110	8,320	28,380	19,240	48,780	97,160	70,250	24,510	5,070	1,060	723

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 2012, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	101	306	790	1,050	1,095	1,022	1,022	1,154	722	185	59.1	49.4
Max	941	1,628	5,003	4,417	4,793	2,825	2,217	2,426	1,801	769	269	228
(WY)	(1963)	(1974)	(1965)	(1974)	(1958)	(1972)	(1952)	(1958)	(1975)	(1983)	(1983)	(1983)
Min	4.14	10.7	52.7	80.9	99.0	83.3	55.1	121	49.6	7.97	5.52	4.43
(WY)	(2002)	(1995)	(1995)	(1977)	(1977)	(1977)	(1977)	(1977)	(2001)	(2001)	(2001)	(2001)

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SUMMARY STATISTICS

	Calendar Year 2011		Water Year 2012		Water Years 1942 - 2012	
Annual total	244,742		158,918.5			
Annual mean	671		434		627	
Highest annual mean					1,496	1974
Lowest annual mean					74.9	1977
Highest daily mean	3,240	Mar 16	4,650	Mar 31	39,500	Dec 23, 1964
Lowest daily mean	54	Aug 31	8.7	Sep 14	3.4	Sep 20, 2001
Annual seven-day minimum	55	Aug 27	9.4	Sep 1	3.6	Sep 18, 2001
Maximum peak flow			5,100	Mar 31	54,600	Dec 22, 1964
Maximum peak stage			11.81	Mar 31	25.34	Dec 22, 1964
Annual runoff (ac-ft)	485,400		315,200		454,500	
10 percent exceeds	1,590		1,210		1,520	
50 percent exceeds	488		128		303	
90 percent exceeds	67		14		41	

