

D-1644 Long Term Flow Requirements
Yuba River Flow at Smartville (cfs)

Year	April	May	June	July	August	September	October	November	December	January	February
1922	3,234	9,969	9,360	3,130	1,767	926	700	700	3,866	3,866	725
1923	1,284	3,270	2,382	2,494	1,720	1,020	700	700	744	1,140	889
1924	737	1,480	1,435	1,326	1,142	552	605	605	646	646	3,321
1925	1,945	2,911	1,727	1,646	1,655	925	696	700	813	1,400	4,056
1926	2,340	2,469	1,726	1,317	1,142	552	678	2,171	2,727	3,321	7,067
1927	5,670	5,924	4,900	2,686	1,625	959	700	1,569	2,061	2,802	844
1928	4,053	3,387	1,724	1,465	1,592	925	700	700	700	1,070	700
1929	844	2,401	1,663	1,253	1,080	531	620	620	1,101	2,526	1,522
1930	1,107	2,463	1,727	1,308	1,142	552	696	700	700	758	700
1931	733	1,480	1,435	1,326	1,142	552	628	628	676	693	971
1932	1,684	4,234	3,967	2,260	1,697	863	696	700	700	700	700
1933	1,063	2,399	1,728	1,327	1,142	552	626	626	638	1,453	932
1934	736	1,467	1,432	1,325	1,142	552	639	639	639	713	829
1935	5,998	4,936	3,265	2,209	1,668	896	700	700	700	4,190	4,190
1936	3,850	4,190	2,677	2,313	1,679	954	700	700	700	700	1,765
1937	2,643	4,675	2,113	2,168	1,633	862	700	1,094	4,190	4,190	3,528
1938	5,871	10,386	7,663	3,184	1,826	984	700	700	815	1,299	700
1939	853	2,322	1,602	1,168	1,008	507	594	600	600	1,648	4,245
1940	4,190	4,054	1,722	1,717	1,655	956	700	700	3,409	4,190	4,700
1941	3,632	6,723	3,189	2,970	1,816	1,060	700	732	4,190	4,190	6,989
1942	4,209	5,665	5,762	3,056	1,855	976	700	1,683	3,698	4,676	4,220
1943	4,362	3,390	2,026	2,355	1,807	994	700	700	700	1,188	1,251
1944	882	2,470	1,728	1,326	1,268	913	691	1,122	2,156	2,156	4,190
1945	1,102	3,678	1,942	2,249	1,745	955	700	1,386	4,215	4,190	2,685
1946	2,254	3,733	1,722	1,972	1,718	921	700	987	1,613	1,613	917
1947	846	2,408	1,671	1,264	1,089	534	588	600	600	1,975	600
1948	2,177	4,163	3,933	2,381	1,783	940	700	700	950	1,172	761
1949	1,662	2,463	1,726	1,319	1,633	935	696	700	700	3,018	3,121
1950	3,065	4,101	2,616	2,298	1,727	942	700	6,555	10,245	5,219	5,033
1951	2,382	3,548	1,722	1,824	1,693	917	700	1,348	4,190	4,190	4,190
1952	6,443	11,805	8,484	4,190	2,316	1,101	700	700	1,495	4,692	4,035
1953	2,456	3,426	5,522	3,208	1,869	983	700	749	1,211	2,506	1,972
1954	3,341	2,463	1,727	1,307	1,390	918	700	700	1,428	1,841	715
1955	849	2,412	1,728	1,327	1,142	552	641	641	11,876	9,828	4,190
1956	1,439	6,239	4,198	2,854	1,892	1,053	700	741	982	1,423	2,994
1957	814	3,637	2,390	2,274	1,753	989	700	845	2,076	2,882	6,223
1958	6,039	9,076	6,013	2,889	1,904	1,286	700	700	700	2,685	1,689
1959	819	2,252	1,521	1,093	946	485	573	600	600	685	2,766
1960	920	2,463	1,727	1,307	1,142	552	696	700	700	1,023	926
1961	871	2,070	1,718	1,327	1,142	552	641	641	641	641	4,190
1962	2,707	2,463	1,884	2,222	1,753	979	4,190	4,190	4,190	4,190	3,088
1963	4,640	6,757	2,406	2,485	1,903	1,097	700	2,459	2,459	2,459	700
1964	907	2,392	1,653	1,238	1,071	528	671	700	14,043	9,070	4,190
1965	3,641	4,375	3,517	2,583	2,005	1,109	700	926	1,442	2,211	762
1966	1,843	2,470	1,726	1,327	1,142	552	696	741	3,749	4,190	3,605
1967	1,583	6,744	8,503	3,910	2,017	1,059	700	700	1,121	2,284	4,161
1968	917	2,463	1,726	1,309	1,123	552	677	700	744	9,719	5,290
1969	3,885	8,799	5,287	2,864	1,833	1,010	700	700	4,190	14,604	4,190
1970	838	2,466	1,725	1,309	1,123	537	700	1,521	4,190	4,190	1,519
1971	1,903	5,474	4,973	3,321	2,003	1,186	700	700	1,803	2,364	1,261
1972	990	2,469	1,727	1,352	1,811	1,132	676	1,660	2,930	4,190	4,413
1973	1,732	4,463	1,725	2,084	1,769	1,144	700	4,587	4,778	8,795	4,190
1974	4,911	5,084	3,948	2,926	1,959	1,049	700	700	950	1,648	2,790
1975	1,132	5,420	5,967	3,102	2,007	1,210	832	1,398	1,398	1,398	700
1976	734	1,468	1,420	1,324	1,142	551	641	641	641	641	600
1977	690	1,314	1,276	1,144	991	500	589	600	650	2,717	1,514
1978	3,726	3,955	4,087	2,616	1,898	1,299	700	700	700	2,174	1,369
1979	881	3,883	1,727	1,923	1,750	996	672	1,151	1,882	9,726	8,539
1980	2,051	3,309	2,825	2,593	1,828	1,002	700	700	872	1,949	716
1981	830	2,292	1,558	1,136	981	497	562	4,190	10,162	4,868	9,532
1982	10,856	7,960	4,058	2,771	1,911	1,526	703	2,584	4,190	4,190	6,698
1983	4,109	7,771	10,245	4,190	3,320	1,284	700	4,759	10,829	4,190	4,190
1984	839	2,898	1,881	2,346	1,803	1,091	700	2,097	2,097	2,097	968
1985	966	2,253	1,521	1,093	946	490	632	700	700	2,920	17,202
1986	2,125	2,526	1,724	2,035	1,745	1,283	700	700	700	1,294	890
1987	904	2,068	1,733	1,327	1,142	552	641	641	641	906	600
1988	701	1,470	1,435	1,325	1,142	552	641	668	668	668	624
1989	3,465	2,463	1,721	1,309	1,275	1,074	852	979	979	2,156	825
1990	893	2,412	1,730	1,327	1,142	552	641	641	641	641	600
1991	834	2,062	1,720	1,317	1,142	552	627	627	627	627	1,481
1992	722	1,467	1,419	1,325	1,142	552	606	606	617	4,190	2,779
1993	2,689	5,669	4,409	2,862	1,901	1,060	700	819	819	1,172	856
1994	851	1,973	1,633	1,214	1,062	524	601	601	833	5,286	4,190
1995	5,249	10,512	8,231	4,190	2,470	1,030	700	700	2,175	4,134	6,719
1996	4,083	9,104	2,500	2,477	1,786	963	700	1,088	9,821	19,830	4,190
1997	1,167	2,467	1,722	1,308	1,124	548	700	1,094	1,528	4,190	7,846
1998	3,663	5,490	8,341	4,037	2,029	1,171	700	1,500	2,944	4,190	4,993
1999	1,822	4,190	3,458	2,317	1,829	978	700	700	977	3,590	4,262
2000	2,286	2,487	1,732	1,795	1,709	1,021	700	723	1,081	1,281	776
2001	885	2,071	1,729	1,324	1,138	547	595	600	1,020	2,356	1,255
2002	847	2,462	1,737	1,323	1,138	548	595	600	3,699	4,190	1,254
2003	1,779	4,977	3,082	2,365	1,956	1,071	700	700	2,447	2,631	2,742
Average	2,338	3,993	2,985	2,058	1,562	855	721	1,133	2,370	3,283	2,989

D-1644 Long Term Flow Requirements
Yuba River Flow at Marysville (cfs)

Year	April	May	June	July	August	September	October	November	December	January	February
1922	3,433	9,364	8,495	2,084	897	642	401	597	4,012	3,994	817
1923	1,259	2,318	1,468	1,450	848	719	392	538	706	1,190	1,006
1924	433	500	500	263	250	250	332	468	661	721	3,796
1925	1,758	1,960	808	603	766	624	387	556	780	1,468	4,381
1926	2,241	1,500	808	265	250	250	387	2,238	2,782	3,488	7,894
1927	5,712	5,021	3,997	1,642	753	675	401	1,515	2,084	2,915	977
1928	3,955	2,434	808	422	720	623	391	577	670	1,092	768
1929	645	1,500	808	265	250	250	332	456	1,245	2,661	1,703
1930	886	1,500	808	265	250	250	387	580	625	828	748
1931	433	500	500	263	250	250	332	489	712	783	1,126
1932	1,609	3,399	3,052	1,217	825	561	387	534	655	752	724
1933	873	1,500	808	265	250	250	332	453	667	1,543	1,047
1934	433	500	500	263	250	250	332	541	600	811	948
1935	6,277	4,063	2,352	1,166	796	594	393	532	643	4,583	4,909
1936	3,741	3,237	1,760	1,270	808	652	391	525	656	742	2,276
1937	2,708	3,772	1,196	1,125	762	560	399	1,107	4,602	4,303	4,654
1938	6,008	9,521	6,745	2,140	954	700	394	529	738	1,355	755
1939	600	1,500	808	265	250	250	332	451	533	2,005	4,724
1940	4,154	3,087	808	674	783	654	400	572	3,554	4,598	5,230
1941	3,748	5,864	2,272	1,926	944	776	392	602	4,391	4,505	7,607
1942	4,386	4,905	4,842	2,014	982	692	393	1,621	3,761	5,164	4,497
1943	4,291	2,437	1,107	1,311	934	709	391	529	662	1,249	1,448
1944	667	1,500	808	265	375	611	387	1,081	2,140	2,186	4,603
1945	952	2,719	1,029	1,207	873	653	409	1,314	4,539	4,344	2,792
1946	2,115	2,766	808	929	846	619	391	899	1,589	1,614	1,014
1947	600	1,500	808	265	250	250	332	442	524	2,078	623
1948	2,225	3,269	3,016	1,320	891	638	391	534	1,039	1,217	885
1949	1,491	1,500	808	277	741	633	387	555	647	3,297	3,471
1950	2,977	3,150	1,705	1,255	856	640	418	6,863	10,709	5,786	5,377
1951	2,226	2,667	808	780	821	615	425	1,282	4,394	4,760	4,923
1952	6,659	11,046	7,580	3,149	1,445	818	391	547	1,576	5,052	4,080
1953	2,370	2,520	4,604	2,166	997	685	391	643	1,174	2,710	2,189
1954	3,279	1,500	808	265	499	616	393	577	1,458	1,935	792
1955	600	1,500	808	265	250	250	332	521	12,881	10,864	4,626
1956	1,286	5,346	3,280	1,811	1,021	769	423	583	906	1,512	3,215
1957	667	2,854	1,469	1,231	864	687	406	695	2,140	3,062	6,784
1958	6,567	8,175	5,094	1,846	1,033	992	391	546	639	2,844	1,953
1959	600	1,500	808	265	250	250	332	463	548	810	3,123
1960	667	1,500	808	265	250	250	387	597	647	1,043	1,025
1961	600	1,100	800	265	250	250	332	494	626	700	4,782
1962	2,476	1,500	972	1,179	881	677	4,292	4,048	4,219	4,346	3,431
1963	5,006	5,927	1,486	1,442	1,031	813	406	2,452	2,405	2,587	756
1964	667	1,500	808	265	250	250	387	631	14,709	9,841	4,368
1965	3,743	3,437	2,599	1,539	1,131	825	391	840	1,442	2,331	848
1966	1,598	1,500	808	265	250	250	387	713	3,892	4,656	3,754
1967	1,768	5,973	7,605	2,864	1,145	777	401	577	1,110	2,422	4,443
1968	667	1,500	808	265	250	250	387	604	829	10,680	6,070
1969	3,999	7,940	4,366	1,820	961	727	401	555	4,355	15,350	4,509
1970	667	1,500	808	265	250	250	391	1,482	4,402	4,411	1,623
1971	1,810	4,541	4,054	2,279	1,130	901	391	543	1,863	2,430	1,395
1972	757	1,500	808	294	919	831	387	1,645	2,984	4,731	5,056
1973	1,614	3,502	808	1,040	896	852	413	4,803	5,031	9,320	4,436
1974	5,076	4,147	3,036	1,878	1,085	764	401	555	929	1,729	3,187
1975	1,100	4,537	5,046	2,054	1,132	924	593	1,316	1,332	1,428	776
1976	433	500	500	263	250	250	332	478	559	667	632
1977	433	500	500	263	250	250	332	478	719	3,364	1,696
1978	3,854	3,049	3,170	1,572	1,026	1,013	391	574	654	2,308	1,655
1979	667	2,945	808	879	862	695	387	1,027	1,934	10,229	9,121
1980	1,916	2,352	1,910	1,548	956	717	401	532	820	2,067	776
1981	600	1,500	808	265	250	250	332	4,367	10,556	5,292	10,172
1982	11,536	7,077	3,139	1,727	1,038	1,239	452	2,615	4,384	4,847	7,655
1983	4,309	7,017	9,325	3,145	2,448	1,000	422	4,928	11,382	4,444	4,503
1984	705	1,954	963	1,302	930	803	420	2,102	2,070	2,124	1,123
1985	791	1,500	808	265	250	255	412	657	717	3,067	18,557
1986	1,978	1,574	808	991	873	995	407	527	625	1,352	1,011
1987	600	1,100	800	265	250	250	332	483	669	1,050	645
1988	433	500	500	263	250	250	332	637	649	741	701
1989	3,251	1,500	808	265	402	773	611	847	909	2,287	935
1990	600	1,500	808	265	250	250	332	489	565	649	634
1991	600	1,100	800	265	250	250	332	472	589	696	1,753
1992	433	500	500	263	250	250	332	441	707	4,723	3,146
1993	2,589	4,827	3,519	1,810	1,026	773	462	694	810	1,211	995
1994	600	1,100	800	265	250	250	332	527	930	6,062	4,412
1995	5,413	9,877	7,334	3,142	1,599	747	408	531	2,205	4,401	7,353
1996	4,173	8,420	1,582	1,430	915	678	423	976	10,351	21,342	4,428
1997	942	1,500	808	265	250	250	428	1,002	1,518	4,619	8,722
1998	3,794	4,806	7,471	2,988	1,156	888	402	1,420	2,990	4,440	5,686
1999	1,719	3,245	2,542	1,274	956	678	443	538	898	3,764	4,963
2000	2,099	1,531	808	738	823	727	440	550	1,002	1,313	916
2001	600	1,100	800	265	250	250	332	439	1,145	2,482	1,366
2002	600	1,500	808	265	250	250	332	437	3,863	4,267	1,304
2003	1,771	4,187	2,160	1,306	1,068	774	436	529	2,470	2,750	3,017
Average	2,250	3,095	2,082	1,024	694	564	437	1,033	2,440	3,529	3,303

D-1644 Long Term Flow Requirements
Yuba River Water Temperature at Daguerre Point Dam (deg F)

Year	April	May	June	July	August	September	October	November	December	January	February
1922	52.32	54.50	57.24	58.04	57.35	58.24	55.69	52.04	48.75	47.20	48.18
1923	52.47	55.02	57.78	58.09	57.36	58.24	55.69	52.04	49.00	47.41	48.17
1924	52.52	55.16	57.85	58.18	57.40	58.27	55.70	52.05	49.00	47.45	47.98
1925	52.42	55.05	57.83	58.16	57.36	58.24	55.70	52.04	48.99	47.39	47.93
1926	52.39	55.09	57.83	58.19	57.40	58.27	55.70	51.93	48.84	47.24	47.69
1927	52.13	54.82	57.58	58.08	57.37	58.24	55.69	51.98	48.89	47.28	48.18
1928	52.26	55.02	57.83	58.17	57.37	58.24	55.69	52.04	49.00	47.42	48.19
1929	52.51	55.09	57.84	58.19	57.41	58.27	55.70	52.05	48.97	47.31	48.12
1930	52.49	55.09	57.83	58.19	57.40	58.27	55.70	52.04	49.00	47.44	48.19
1931	52.52	55.16	57.85	58.18	57.40	58.27	55.70	52.05	49.00	47.45	48.17
1932	52.44	54.95	57.66	58.11	57.36	58.25	55.70	52.04	49.00	47.45	48.19
1933	52.49	55.09	57.83	58.18	57.40	58.27	55.70	52.05	49.00	47.39	48.17
1934	52.52	55.17	57.85	58.18	57.40	58.27	55.70	52.05	49.00	47.45	48.18
1935	52.11	54.90	57.71	58.12	57.36	58.25	55.69	52.04	49.00	47.18	47.91
1936	52.27	54.95	57.76	58.11	57.36	58.24	55.69	52.04	49.00	47.45	48.10
1937	52.37	54.92	57.80	58.12	57.37	58.25	55.69	52.01	48.73	47.18	47.97
1938	52.12	54.47	57.37	58.04	57.35	58.24	55.69	52.04	48.99	47.40	48.19
1939	52.51	55.10	57.84	58.20	57.41	58.28	55.70	52.05	49.01	47.37	47.91
1940	52.25	54.96	57.83	58.15	57.36	58.24	55.69	52.04	48.79	47.18	47.87
1941	52.29	54.76	57.72	58.06	57.35	58.23	55.69	52.04	48.73	47.18	47.70
1942	52.25	54.84	57.52	58.05	57.35	58.24	55.69	51.97	48.77	47.14	47.91
1943	52.23	55.02	57.81	58.10	57.35	58.24	55.69	52.04	49.00	47.41	48.14
1944	52.50	55.09	57.83	58.18	57.39	58.24	55.70	52.01	48.89	47.33	47.91
1945	52.49	54.99	57.81	58.11	57.36	58.24	55.69	51.99	48.73	47.18	48.03
1946	52.40	54.99	57.83	58.13	57.36	58.24	55.69	52.02	48.93	47.38	48.17
1947	52.51	55.09	57.84	58.19	57.41	58.27	55.70	52.05	49.01	47.35	48.19
1948	52.40	54.96	57.66	58.10	57.35	58.24	55.69	52.04	48.98	47.41	48.18
1949	52.44	55.09	57.83	58.19	57.37	58.24	55.70	52.04	49.00	47.27	48.00
1950	52.33	54.96	57.76	58.11	57.36	58.24	55.69	51.99	48.26	47.10	47.85
1951	52.39	55.00	57.83	58.15	57.36	58.24	55.69	51.99	48.73	47.18	47.91
1952	52.07	54.36	57.31	57.96	57.31	58.23	55.69	52.04	48.94	47.14	47.93
1953	52.38	55.01	57.54	58.04	57.35	58.24	55.69	52.04	48.96	47.31	48.09
1954	52.31	55.09	57.83	58.19	57.38	58.24	55.69	52.04	48.94	47.36	48.19
1955	52.51	55.09	57.83	58.18	57.40	58.27	55.70	52.05	48.13	46.74	47.91
1956	52.46	54.79	57.64	58.07	57.34	58.23	55.69	52.04	48.98	47.39	48.01
1957	52.51	55.00	57.78	58.11	57.36	58.24	55.69	52.03	48.89	47.28	47.76
1958	52.10	54.57	57.50	58.06	57.34	58.21	55.69	52.04	49.00	47.29	48.11
1959	52.51	55.10	57.85	58.20	57.42	58.28	55.70	52.05	49.01	47.45	48.03
1960	52.50	55.09	57.83	58.19	57.40	58.27	55.70	52.04	49.00	47.42	48.17
1961	52.51	55.12	57.83	58.18	57.40	58.27	55.70	52.05	49.00	47.45	47.91
1962	52.36	55.09	57.82	58.12	57.36	58.24	55.42	51.77	48.73	47.18	48.00
1963	52.21	54.75	57.78	58.09	57.34	58.23	55.69	51.91	48.86	47.31	48.19
1964	52.50	55.09	57.84	58.19	57.41	58.27	55.70	52.04	47.96	46.80	47.91
1965	52.29	54.94	57.69	58.09	57.34	58.23	55.69	52.03	48.94	47.33	48.18
1966	52.43	55.09	57.83	58.18	57.40	58.27	55.70	52.04	48.76	47.18	47.96
1967	52.45	54.75	57.30	57.98	57.34	58.23	55.69	52.04	48.97	47.32	47.92
1968	52.50	55.09	57.83	58.19	57.40	58.27	55.70	52.04	49.00	46.75	47.83
1969	52.27	54.59	57.55	58.07	57.35	58.24	55.69	52.04	48.73	46.37	47.91
1970	52.51	55.09	57.83	58.19	57.40	58.27	55.69	51.98	48.73	47.18	48.12
1971	52.42	54.85	57.58	58.03	57.34	58.22	55.69	52.04	48.91	47.32	48.14
1972	52.50	55.09	57.83	58.18	57.35	58.23	55.70	51.97	48.83	47.18	47.90
1973	52.44	54.93	57.83	58.13	57.35	58.23	55.69	51.74	48.68	46.82	47.91
1974	52.19	54.88	57.66	58.06	57.34	58.23	55.69	52.04	48.98	47.37	48.02
1975	52.48	54.86	57.50	58.05	57.34	58.22	55.68	51.99	48.94	47.39	48.19
1976	52.52	55.17	57.86	58.19	57.40	58.27	55.70	52.05	49.00	47.45	48.19
1977	52.52	55.18	57.87	58.20	57.42	58.28	55.70	52.05	49.00	47.29	48.12
1978	52.28	54.97	57.65	58.08	57.34	58.21	55.69	52.04	49.00	47.33	48.13
1979	52.50	54.98	57.83	58.14	57.36	58.24	55.70	52.01	48.91	46.75	47.58
1980	52.41	55.02	57.75	58.09	57.35	58.24	55.69	52.04	48.99	47.35	48.19
1981	52.51	55.10	57.84	58.20	57.42	58.28	55.71	51.77	48.26	47.12	47.50
1982	51.73	54.66	57.65	58.07	57.34	58.20	55.69	51.90	48.73	47.18	47.72
1983	52.25	54.67	57.17	57.96	57.23	58.21	55.69	51.73	48.21	47.18	47.91
1984	52.51	55.05	57.82	58.11	57.35	58.23	55.69	51.94	48.89	47.34	48.17
1985	52.50	55.10	57.85	58.20	57.42	58.28	55.70	52.04	49.00	47.28	48.90
1986	52.41	55.08	57.83	58.13	57.36	58.22	55.69	52.04	49.00	47.40	48.17
1987	52.50	55.12	57.83	58.18	57.40	58.27	55.70	52.05	49.00	47.43	48.19
1988	52.52	55.17	57.85	58.18	57.40	58.27	55.70	52.05	49.00	47.45	48.19
1989	52.30	55.09	57.83	58.19	57.39	58.23	55.68	52.02	48.98	47.33	48.18
1990	52.50	55.09	57.83	58.18	57.40	58.27	55.70	52.05	49.00	47.45	48.19
1991	52.51	55.12	57.83	58.19	57.40	58.27	55.70	52.05	49.00	47.45	48.13
1992	52.52	55.17	57.86	58.18	57.40	58.27	55.70	52.05	49.01	47.18	48.02
1993	52.36	54.84	57.62	58.07	57.34	58.23	55.69	52.03	48.99	47.41	48.17
1994	52.51	55.13	57.84	58.19	57.41	58.27	55.70	52.05	48.99	47.09	47.91
1995	52.16	54.46	57.32	57.96	57.30	58.23	55.69	52.04	48.88	47.18	47.72
1996	52.26	54.57	57.77	58.10	57.35	58.24	55.69	52.01	48.29	45.96	47.91
1997	52.48	55.09	57.83	58.19	57.40	58.27	55.69	52.01	48.93	47.18	47.63
1998	52.29	54.85	57.32	57.97	57.33	58.22	55.69	51.98	48.82	47.18	47.85
1999	52.43	54.95	57.70	58.11	57.35	58.24	55.69	52.04	48.98	47.22	47.91
2000	52.40	55.09	57.83	58.15	57.36	58.24	55.69	52.04	48.97	47.40	48.18
2001	52.50	55.12	57.83	58.19	57.40	58.27	55.70	52.05	48.97	47.32	48.14
2002	52.51	55.09	57.83	58.19	57.40	58.27	55.70	52.05	48.77	47.18	48.14
2003	52.43	54.89	57.73	58.10	57.34	58.23	55.69	52.04	48.86	47.30	48.03
Average	52.39	54.97	57.73	58.13	57.37	58.25	55.69	52.01	48.87	47.25	48.01

D-1644 Long Term Flow Requirements
Yuba River Water Temperature at Marysville (deg F)

Year	April	May	June	July	August	September	October	November	December	January	February
1922	53.11	54.43	57.44	59.36	59.43	60.92	58.70	52.91	48.94	47.41	49.07
1923	53.54	55.93	59.04	59.50	59.72	60.48	58.76	52.79	49.64	48.03	49.03
1924	54.94	58.30	61.77	64.16	63.21	63.21	59.10	53.20	49.67	48.14	48.51
1925	53.37	56.02	59.97	62.17	60.20	61.03	58.79	52.90	49.63	47.97	48.33
1926	53.29	56.11	59.97	64.14	63.21	63.21	58.78	52.59	49.19	47.54	47.68
1927	52.54	55.33	58.46	59.46	60.27	60.73	58.70	52.71	49.34	47.65	49.05
1928	52.89	55.91	59.97	63.23	60.46	61.04	58.76	52.91	49.65	48.04	49.07
1929	53.68	56.14	59.95	64.13	63.19	63.21	59.10	53.27	49.58	47.72	48.89
1930	53.56	56.12	59.97	64.14	63.21	63.21	58.79	52.91	49.65	48.12	49.07
1931	54.94	58.30	61.77	64.16	63.21	63.21	59.10	53.07	49.66	48.14	49.02
1932	53.44	55.72	58.68	59.56	59.85	61.40	58.79	52.82	49.65	48.13	49.07
1933	53.57	56.14	59.97	64.15	63.21	63.21	59.10	53.29	49.67	47.96	49.02
1934	54.94	58.30	61.77	64.16	63.21	63.21	59.11	52.76	49.66	48.13	49.05
1935	52.48	55.56	58.84	59.57	60.02	61.21	58.75	52.83	49.65	47.36	48.33
1936	52.94	55.72	58.97	59.54	59.95	60.87	58.76	52.87	49.65	48.13	48.87
1937	53.23	55.61	59.10	59.58	60.22	61.40	58.72	52.83	48.89	47.33	48.52
1938	52.50	54.31	57.83	59.34	59.10	60.58	58.75	52.85	49.62	47.99	49.07
1939	53.96	56.16	59.94	64.10	63.17	63.20	59.09	53.30	49.67	47.94	48.30
1940	52.87	55.75	59.97	61.75	60.10	60.86	58.71	52.91	49.05	47.36	48.20
1941	53.01	55.15	58.86	59.39	59.16	60.14	58.76	52.90	48.87	47.35	47.68
1942	52.88	55.40	58.26	59.37	58.94	60.63	58.75	52.69	48.97	47.26	48.28
1943	52.83	55.90	59.12	59.53	59.22	60.53	58.76	52.85	49.65	48.02	48.96
1944	53.61	56.11	59.97	64.15	62.48	61.11	58.79	52.82	49.32	47.79	48.30
1945	53.57	55.84	59.14	59.56	59.57	60.86	58.65	52.75	48.88	47.34	48.62
1946	53.30	55.82	59.97	60.27	59.73	61.06	58.76	52.84	49.44	47.92	49.03
1947	53.96	56.13	59.95	64.13	63.20	63.21	59.09	53.35	49.67	47.84	49.09
1948	53.34	55.73	58.68	59.53	59.47	60.95	58.76	52.82	49.61	48.02	49.06
1949	53.44	56.12	59.97	64.07	60.35	60.98	58.79	52.90	49.65	47.62	48.54
1950	53.12	55.74	58.99	59.55	59.67	60.94	58.60	51.60	47.51	47.14	48.10
1951	53.27	55.88	59.97	61.13	59.87	61.08	58.55	52.76	48.87	47.38	48.33
1952	52.37	53.99	57.64	59.11	58.71	59.90	58.76	52.74	49.48	47.24	48.31
1953	53.26	55.90	58.32	59.34	58.85	60.67	58.76	52.90	49.53	47.73	48.79
1954	53.06	56.12	59.97	64.14	61.76	61.08	58.75	52.91	49.49	47.87	49.07
1955	53.96	56.13	59.97	64.15	63.21	63.21	59.11	52.88	47.18	46.13	48.31
1956	53.49	55.26	58.62	59.42	58.81	60.18	58.57	52.89	49.58	47.97	48.56
1957	53.63	55.86	59.04	59.55	59.63	60.66	58.67	52.87	49.34	47.64	47.85
1958	52.50	54.60	58.21	59.41	58.81	59.65	58.76	52.75	49.65	47.68	48.86
1959	53.95	56.18	59.91	64.08	63.16	63.19	59.09	53.22	49.67	48.14	48.63
1960	53.60	56.12	59.97	64.14	63.21	63.21	58.79	52.91	49.65	48.05	49.02
1961	53.96	56.21	60.02	64.15	63.21	63.21	59.11	53.05	49.67	48.14	48.32
1962	53.19	56.12	59.16	59.56	59.52	60.72	56.16	52.10	48.86	47.34	48.55
1963	52.80	55.14	59.03	59.50	58.81	59.92	58.67	52.51	49.25	47.73	49.07
1964	53.60	56.14	59.95	64.12	63.19	63.21	58.78	52.91	46.65	46.28	48.28
1965	53.01	55.68	58.78	59.48	58.79	59.85	58.76	52.86	49.48	47.79	49.06
1966	53.39	56.11	59.97	64.15	63.21	63.21	58.79	52.91	48.97	47.37	48.41
1967	53.49	55.15	57.64	59.18	58.78	60.13	58.70	52.91	49.56	47.77	48.30
1968	53.60	56.12	59.97	64.14	63.21	63.21	58.78	52.91	49.65	46.14	48.09
1969	52.95	54.67	58.37	59.42	59.06	60.43	58.70	52.90	48.87	45.00	48.30
1970	53.62	56.12	59.97	64.14	63.21	63.21	58.76	52.73	48.87	47.34	48.89
1971	53.39	55.43	58.45	59.31	58.79	59.41	58.76	52.76	49.41	47.75	48.95
1972	53.58	56.11	59.97	63.98	59.31	59.83	58.78	52.70	49.15	47.37	48.27
1973	53.42	55.66	59.97	59.62	59.44	59.70	58.63	52.05	48.74	46.32	48.29
1974	52.72	55.52	58.68	59.40	58.80	60.21	58.70	52.90	49.60	47.92	48.62
1975	53.57	55.45	58.22	59.36	58.78	59.28	57.57	52.75	49.49	47.97	49.07
1976	54.94	58.30	61.77	64.16	63.21	63.21	59.11	53.14	49.66	48.14	49.09
1977	54.93	58.26	61.73	64.11	63.17	63.20	59.09	53.13	49.67	47.72	48.90
1978	52.99	55.78	58.65	59.47	58.81	59.64	58.76	52.91	49.65	47.80	48.94
1979	53.61	55.79	59.97	60.56	59.64	60.62	58.78	52.80	49.39	46.10	47.32
1980	53.35	55.92	58.94	59.48	59.09	60.49	58.70	52.83	49.61	47.85	49.07
1981	53.95	56.17	59.92	64.10	63.17	63.20	59.08	52.13	47.52	47.21	47.10
1982	51.40	54.86	58.66	59.44	58.81	59.59	58.39	52.49	48.87	47.39	47.78
1983	52.91	54.92	57.24	59.11	58.48	59.65	58.57	52.00	47.38	47.35	48.29
1984	53.63	56.02	59.16	59.54	59.24	59.98	58.58	52.60	49.33	47.81	49.02
1985	53.60	56.18	59.91	64.08	63.16	63.17	58.62	52.91	49.66	47.63	45.40
1986	53.33	56.10	59.97	59.91	59.57	59.65	58.67	52.86	49.65	47.99	49.03
1987	53.97	56.21	60.02	64.15	63.21	63.21	59.11	53.11	49.67	48.09	49.09
1988	54.93	58.30	61.77	64.16	63.21	63.21	59.11	52.92	49.66	48.14	49.09
1989	53.02	56.12	59.97	64.14	62.32	60.16	57.46	52.84	49.58	47.80	49.05
1990	53.97	56.13	59.97	64.15	63.21	63.21	59.11	53.08	49.66	48.14	49.09
1991	53.95	56.21	60.02	64.14	63.21	63.21	59.10	53.18	49.67	48.15	48.91
1992	54.94	58.30	61.77	64.16	63.21	63.21	59.10	53.36	49.68	47.37	48.62
1993	53.21	55.39	58.58	59.42	58.81	60.16	58.33	52.88	49.63	48.02	49.04
1994	53.96	56.24	59.99	64.12	63.19	63.20	59.10	52.83	49.63	47.14	48.29
1995	52.64	54.30	57.70	59.11	58.68	60.31	58.66	52.83	49.32	47.36	47.74
1996	52.90	54.62	59.01	59.51	59.33	60.71	58.57	52.82	47.61	43.87	48.29
1997	53.54	56.12	59.97	64.14	63.21	63.21	58.54	52.82	49.46	47.36	47.51
1998	53.00	55.45	57.68	59.15	58.78	59.49	58.69	52.73	49.14	47.35	48.15
1999	53.41	55.72	58.79	59.54	59.09	60.72	58.44	52.79	49.58	47.48	48.31
2000	53.29	56.11	59.97	61.38	59.87	60.43	58.46	52.90	49.56	47.99	49.06
2001	53.97	56.21	60.02	64.15	63.21	63.21	59.09	53.37	49.59	47.76	48.95
2002	53.96	56.12	59.97	64.15	63.21	63.21	59.09	53.38	48.98	47.33	48.94
2003	53.42	55.56	58.88	59.53	58.80	60.16	58.49	52.85	49.26	47.69	48.62
Average	53.45	55.94	59.46	61.62	60.85	61.44	58.74	52.85	49.28	47.56	48.57

Yuba River Accord Flow Requirements
Yuba River Flow at Smartville (cfs)

Year	April	May	June	July	August	September	October	November	December	January	February
1922	3,906	9,319	9,360	3,456	2,175	1,095	799	799	2,779	2,821	725
1923	1,701	3,061	3,390	1,845	2,128	1,189	808	808	808	808	889
1924	854	1,477	1,335	1,463	1,292	702	673	673	673	673	2,988
1925	2,617	2,951	2,419	1,743	1,489	802	809	809	809	809	3,731
1926	3,012	2,469	1,726	1,553	1,392	802	791	1,089	2,293	3,483	6,887
1927	5,670	5,924	4,900	3,012	2,032	1,128	799	799	1,816	2,964	1,139
1928	4,190	3,255	2,415	1,743	1,472	999	809	809	809	809	700
1929	920	1,869	1,420	1,563	1,392	802	809	809	1,101	1,961	1,882
1930	1,780	2,963	2,419	1,743	1,492	802	809	809	809	809	700
1931	849	1,476	1,335	1,463	1,292	702	696	696	696	696	971
1932	2,356	3,682	4,190	2,272	2,104	1,032	809	809	809	809	700
1933	1,063	1,799	1,420	1,563	1,392	802	794	794	794	871	1,072
1934	1,003	1,867	1,432	1,563	1,392	802	807	807	807	807	829
1935	5,830	4,936	4,190	1,743	1,974	1,065	807	807	807	3,564	4,190
1936	4,190	3,605	3,623	1,743	2,009	1,123	809	809	809	809	1,765
1937	3,167	4,123	3,021	1,743	1,818	1,031	801	801	4,190	4,190	3,283
1938	5,871	10,386	7,663	3,509	2,234	1,154	806	806	806	806	700
1939	1,050	1,714	1,334	1,463	1,292	702	708	708	708	1,648	4,190
1940	4,190	4,054	2,413	1,742	1,695	1,125	800	800	2,320	4,190	4,700
1941	4,190	6,184	4,190	2,328	2,224	1,229	808	808	3,578	4,190	6,479
1942	4,209	5,665	5,762	3,382	2,262	1,145	807	902	3,454	4,676	4,220
1943	4,362	3,390	3,034	1,744	2,177	1,163	809	809	809	809	1,251
1944	966	2,470	1,728	1,562	1,523	1,082	804	804	1,459	1,925	4,190
1945	1,774	3,028	2,950	1,742	2,011	1,124	791	791	4,190	4,190	2,802
1946	2,926	3,083	2,476	1,743	1,951	1,090	809	809	809	1,314	1,484
1947	1,015	1,967	1,569	1,563	1,392	802	774	774	774	1,124	700
1948	2,681	3,513	4,190	2,458	2,191	1,109	809	809	809	809	761
1949	2,166	2,463	1,726	1,543	1,496	1,104	809	809	809	1,961	3,481
1950	3,737	3,451	3,625	1,743	2,041	1,111	782	5,547	10,245	5,219	5,033
1951	3,054	2,898	2,414	1,743	1,838	1,086	775	775	3,931	4,190	4,190
1952	6,285	11,805	8,484	4,190	3,048	1,270	809	809	877	4,203	4,190
1953	3,128	2,906	5,388	3,534	2,276	1,152	809	809	809	2,011	2,332
1954	4,013	2,963	2,419	1,742	1,491	802	807	807	807	807	715
1955	999	1,912	1,570	1,563	1,392	802	809	809	11,164	9,828	4,190
1956	2,111	5,590	4,198	3,180	2,300	1,222	777	777	777	786	3,354
1957	1,148	3,315	3,398	1,742	2,043	1,158	794	794	1,140	3,044	6,043
1958	6,039	9,076	6,013	3,215	2,312	1,455	809	809	809	1,633	2,049
1959	1,037	1,968	1,569	1,563	1,392	802	809	809	809	809	1,963
1960	1,361	2,463	1,727	1,542	1,392	802	809	809	809	809	926
1961	1,021	1,970	1,568	1,563	1,392	802	809	809	809	809	3,082
1962	3,380	2,963	2,412	1,743	1,472	983	4,190	4,190	4,190	4,190	2,641
1963	4,640	6,757	3,414	1,836	2,311	1,266	794	1,691	1,691	1,928	700
1964	1,016	2,470	1,728	1,559	1,392	802	809	809	12,098	9,070	4,190
1965	4,190	3,942	4,190	2,161	2,412	1,278	809	809	809	2,119	762
1966	2,441	2,470	1,726	1,563	1,392	802	809	809	2,203	4,190	4,145
1967	2,255	6,094	8,503	4,190	2,604	1,228	799	799	799	1,683	4,190
1968	1,001	2,463	1,726	1,545	1,373	802	790	790	790	8,670	5,290
1969	4,190	8,504	5,287	3,190	2,241	1,179	799	799	3,427	14,280	4,190
1970	1,171	2,966	2,417	1,745	1,473	787	809	809	2,442	4,190	1,869
1971	2,575	4,824	4,973	3,647	2,410	1,355	809	809	962	2,262	1,609
1972	1,663	2,469	1,727	1,559	1,691	1,302	789	872	2,686	4,190	4,413
1973	2,404	3,911	2,450	1,744	2,044	1,313	787	4,190	4,190	8,788	4,190
1974	4,911	5,084	4,190	3,017	2,367	1,218	799	799	799	876	3,150
1975	1,804	4,770	5,967	3,428	2,414	1,379	739	823	917	1,387	700
1976	1,051	1,713	1,320	1,461	1,292	701	709	709	709	709	600
1977	673	1,233	1,013	1,040	904	591	597	600	650	2,898	1,874
1978	4,190	3,506	4,190	2,841	2,306	1,469	809	809	809	1,123	1,515
1979	1,510	3,275	2,441	1,559	2,157	1,165	785	785	1,231	9,726	8,539
1980	2,723	2,957	3,526	1,945	2,236	1,171	799	799	799	1,099	1,076
1981	986	1,868	1,418	1,563	1,392	802	785	4,190	9,091	4,868	9,532
1982	10,856	7,960	4,190	2,969	2,319	1,695	751	1,863	4,190	4,190	6,428
1983	4,190	7,692	10,245	4,190	4,052	1,454	778	4,190	10,409	4,190	4,190
1984	1,176	2,944	2,505	1,744	2,163	1,260	780	1,345	1,378	1,601	968
1985	975	2,410	1,671	1,498	1,338	783	770	770	770	852	17,022
1986	2,798	2,951	2,416	1,744	1,473	997	793	793	793	793	890
1987	1,004	1,868	1,433	1,563	1,392	802	809	809	809	906	700
1988	967	1,870	1,435	1,563	1,392	802	809	809	809	906	624
1989	4,137	2,963	2,413	1,744	1,473	802	741	741	741	741	825
1990	1,043	1,912	1,572	1,562	1,392	802	809	809	809	809	700
1991	984	1,962	1,570	1,553	1,392	802	795	795	795	795	1,336
1992	1,039	1,713	1,319	1,463	1,292	702	674	674	674	3,157	3,002
1993	3,361	5,019	4,409	3,188	2,308	1,229	738	738	738	738	856
1994	1,029	1,707	1,318	1,445	1,292	702	697	697	833	4,505	4,190
1995	5,249	10,512	8,231	4,190	3,202	1,199	792	792	1,101	4,190	6,660
1996	4,190	9,001	3,509	1,829	2,193	1,132	777	777	9,152	19,830	4,190
1997	1,529	2,967	2,414	1,743	1,474	798	772	772	772	4,190	6,150
1998	4,190	4,981	8,341	4,190	2,764	1,341	798	798	2,633	4,190	4,993
1999	2,494	3,635	4,190	1,842	2,236	1,147	757	757	757	2,969	4,190
2000	2,958	2,956	2,424	1,757	1,486	794	760	760	760	760	776
2001	985	1,871	1,429	1,559	1,388	797	763	763	1,020	1,699	1,615
2002	1,327	1,962	1,579	1,559	1,388	798	763	763	2,837	4,190	1,794
2003	2,451	4,328	4,091	1,759	2,321	1,241	764	764	1,428	2,793	3,090
Average	2,685	3,810	3,260	2,101	1,852	1,022	825	1,046	2,071	2,998	2,998

Yuba River Accord Flow Requirements
Yuba River Flow at Marysville (cfs)

Year	April	May	June	July	August	September	October	November	December	January	February
1922	4,106	8,715	8,495	2,409	1,304	811	500	695	2,926	2,950	817
1923	1,675	2,109	2,477	802	1,255	888	500	646	771	859	1,006
1924	550	497	400	400	400	400	400	535	687	747	3,463
1925	2,431	2,000	1,500	700	600	500	500	664	776	877	4,056
1926	2,913	1,500	808	500	500	500	500	1,157	2,348	3,651	7,714
1927	5,712	5,021	3,997	1,967	1,160	844	500	744	1,838	3,078	1,273
1928	4,092	2,301	1,500	700	600	697	500	685	779	830	768
1929	700	900	500	500	500	500	500	634	1,239	2,096	2,063
1930	1,558	2,000	1,500	700	600	500	500	689	734	878	748
1931	550	497	400	400	400	400	400	557	731	785	1,126
1932	2,282	2,847	3,276	1,229	1,232	730	500	643	764	861	724
1933	873	900	500	500	500	500	500	621	822	960	1,188
1934	700	900	500	500	500	500	500	709	768	905	948
1935	6,108	4,063	3,276	700	1,102	763	500	639	750	3,957	4,909
1936	4,081	2,652	2,706	700	1,137	822	500	633	765	851	2,276
1937	3,232	3,220	2,104	700	946	729	500	814	4,602	4,303	4,409
1938	6,008	9,521	6,745	2,466	1,362	869	500	635	729	863	755
1939	750	745	400	400	400	400	400	533	629	2,004	4,668
1940	4,154	3,087	1,500	700	823	823	500	672	2,464	4,598	5,230
1941	4,306	5,324	3,274	1,284	1,351	945	500	678	3,779	4,505	7,096
1942	4,386	4,905	4,842	2,339	1,389	861	500	840	3,517	5,164	4,497
1943	4,291	2,437	2,115	700	1,304	879	500	638	771	869	1,448
1944	750	1,500	808	500	631	780	500	763	1,442	1,955	4,603
1945	1,624	2,070	2,037	700	1,139	822	500	719	4,514	4,344	2,909
1946	2,788	2,116	1,563	700	1,080	788	500	721	784	1,314	1,582
1947	750	1,000	650	500	500	500	500	606	694	1,227	723
1948	2,730	2,620	3,273	1,397	1,298	808	500	643	898	854	885
1949	1,996	1,500	808	500	604	802	500	664	756	2,241	3,831
1950	3,649	2,500	2,713	700	1,169	809	500	5,856	10,709	5,786	5,377
1951	2,899	2,018	1,500	700	967	784	500	708	4,136	4,760	4,923
1952	6,501	11,046	7,580	3,149	2,177	987	500	656	959	4,563	4,236
1953	3,042	2,000	4,470	2,491	1,404	854	500	704	771	2,216	2,549
1954	3,951	2,000	1,500	700	600	500	500	683	837	901	792
1955	750	1,000	650	500	500	500	500	689	12,169	10,864	4,626
1956	1,959	4,696	3,280	2,136	1,428	938	500	620	701	875	3,575
1957	1,000	2,532	2,477	700	1,155	856	500	644	1,203	3,225	6,604
1958	6,567	8,175	5,094	2,172	1,440	1,161	500	655	748	1,792	2,313
1959	750	1,000	650	500	500	500	500	633	738	932	2,319
1960	1,107	1,500	808	500	500	500	500	706	756	828	1,025
1961	750	1,000	650	500	500	500	500	662	793	867	3,673
1962	3,148	2,000	1,500	700	600	681	4,292	4,048	4,219	4,346	2,984
1963	5,006	5,927	2,494	793	1,438	982	500	1,685	1,638	2,056	756
1964	750	1,500	808	500	500	500	500	726	12,757	9,841	4,367
1965	4,292	3,004	3,273	1,117	1,539	994	500	723	808	2,239	848
1966	2,196	1,500	808	500	500	500	500	782	2,345	4,656	4,295
1967	2,440	5,323	7,605	3,143	1,732	946	500	675	787	1,821	4,472
1968	750	1,500	808	500	500	500	500	693	874	9,631	6,070
1969	4,304	7,645	4,366	2,145	1,368	896	500	653	3,593	15,027	4,509
1970	1,000	2,000	1,500	700	600	500	500	769	2,654	4,411	1,973
1971	2,482	3,891	4,054	2,604	1,537	1,070	500	652	1,022	2,328	1,743
1972	1,429	1,500	808	500	799	1,000	500	858	2,740	4,731	5,056
1973	2,286	2,949	1,533	700	1,172	1,021	500	4,406	4,442	9,313	4,436
1974	5,076	4,147	3,278	1,969	1,492	933	500	653	777	958	3,547
1975	1,772	3,887	5,046	2,379	1,539	1,093	500	742	852	1,418	776
1976	750	745	400	400	400	400	400	546	627	735	632
1977	425	448	345	350	350	350	350	484	721	3,545	2,057
1978	4,319	2,600	3,274	1,797	1,433	1,182	500	682	763	1,256	1,802
1979	1,295	2,338	1,522	515	1,269	864	500	661	1,283	10,229	9,121
1980	2,588	2,000	2,611	900	1,363	886	500	631	746	1,218	1,136
1981	700	900	500	500	500	500	500	4,336	9,470	5,291	10,171
1982	11,536	7,077	3,271	1,925	1,445	1,409	500	1,895	4,384	4,847	7,385
1983	4,390	6,939	9,325	3,145	3,179	1,170	500	4,360	10,962	4,444	4,503
1984	1,043	2,000	1,587	700	1,291	972	500	1,349	1,351	1,628	1,123
1985	750	1,500	808	500	500	500	500	699	774	999	18,376
1986	2,651	2,000	1,500	700	600	710	500	621	718	852	1,011
1987	700	900	500	500	500	500	500	651	836	1,050	745
1988	700	900	500	500	500	500	500	777	790	882	701
1989	3,923	2,000	1,500	700	600	500	500	609	671	873	935
1990	750	1,000	650	500	500	500	500	657	732	817	734
1991	750	1,000	650	500	500	500	500	639	757	864	1,608
1992	750	745	400	400	400	400	400	509	763	3,691	3,369
1993	3,261	4,177	3,519	2,136	1,433	942	500	612	728	777	995
1994	750	745	400	400	400	400	400	607	923	5,281	4,411
1995	5,413	9,877	7,334	3,142	2,331	916	500	624	1,131	4,456	7,293
1996	4,280	8,316	2,590	782	1,322	847	500	665	9,683	21,342	4,428
1997	1,304	2,000	1,500	700	600	500	500	680	762	4,619	7,026
1998	4,320	4,297	7,471	3,141	1,891	1,057	500	717	2,680	4,440	5,686
1999	2,392	2,690	3,274	798	1,364	847	500	594	678	3,143	4,891
2000	2,772	2,000	1,500	700	600	500	500	587	681	792	916
2001	700	900	500	500	500	500	500	602	1,145	1,825	1,726
2002	1,080	1,000	650	500	500	500	500	599	3,001	4,267	1,844
2003	2,443	3,537	3,168	700	1,434	943	500	594	1,452	2,912	3,365
Average	2,594	2,900	2,347	1,056	975	728	537	944	2,140	3,244	3,312

Yuba River Accord Flow Requirements
Yuba River Water Temperature at Daguerre Point Dam (deg F)

Year	April	May	June	July	August	September	October	November	December	January	February
1922	52.27	54.55	57.24	58.02	57.32	58.23	55.69	52.04	48.84	47.28	48.18
1923	52.44	55.04	57.70	58.14	57.33	58.22	55.69	52.04	48.99	47.44	48.17
1924	52.51	55.16	57.86	58.17	57.39	58.26	55.70	52.05	49.00	47.45	48.01
1925	52.37	55.05	57.78	58.15	57.38	58.25	55.69	52.04	48.99	47.44	47.95
1926	52.34	55.09	57.83	58.17	57.38	58.25	55.69	52.01	48.87	47.23	47.70
1927	52.13	54.82	57.58	58.05	57.33	58.23	55.69	52.04	48.91	47.27	48.15
1928	52.25	55.03	57.78	58.15	57.38	58.24	55.69	52.04	48.99	47.44	48.19
1929	52.50	55.13	57.86	58.17	57.38	58.25	55.69	52.04	48.97	47.35	48.09
1930	52.43	55.05	57.78	58.15	57.38	58.25	55.69	52.04	48.99	47.44	48.19
1931	52.51	55.16	57.86	58.17	57.39	58.26	55.70	52.04	49.00	47.45	48.17
1932	52.39	54.99	57.64	58.11	57.33	58.23	55.69	52.04	48.99	47.44	48.19
1933	52.49	55.14	57.86	58.17	57.38	58.25	55.69	52.04	48.99	47.43	48.16
1934	52.50	55.13	57.85	58.17	57.38	58.25	55.69	52.04	48.99	47.44	48.18
1935	52.12	54.90	57.64	58.15	57.34	58.23	55.69	52.04	48.99	47.23	47.91
1936	52.25	55.00	57.68	58.15	57.34	58.23	55.69	52.04	48.99	47.44	48.10
1937	52.33	54.96	57.73	58.15	57.35	58.23	55.69	52.04	48.73	47.18	47.99
1938	52.12	54.47	57.37	58.01	57.32	58.23	55.69	52.04	48.99	47.44	48.19
1939	52.49	55.15	57.86	58.17	57.39	58.26	55.69	52.04	49.00	47.37	47.91
1940	52.25	54.96	57.78	58.15	57.36	58.23	55.69	52.04	48.87	47.18	47.87
1941	52.25	54.80	57.64	58.11	57.32	58.22	55.69	52.04	48.77	47.18	47.74
1942	52.25	54.84	57.52	58.02	57.32	58.23	55.69	52.03	48.78	47.14	47.91
1943	52.23	55.02	57.73	58.15	57.32	58.22	55.69	52.04	48.99	47.44	48.14
1944	52.50	55.09	57.83	58.17	57.37	58.23	55.69	52.04	48.94	47.35	47.91
1945	52.44	55.04	57.74	58.15	57.34	58.23	55.69	52.04	48.73	47.18	48.02
1946	52.35	55.04	57.77	58.15	57.34	58.23	55.69	52.04	48.99	47.40	48.13
1947	52.49	55.13	57.84	58.17	57.38	58.25	55.69	52.04	48.99	47.42	48.19
1948	52.36	55.01	57.64	58.10	57.32	58.23	55.69	52.04	48.99	47.44	48.18
1949	52.40	55.09	57.83	58.17	57.38	58.23	55.69	52.04	48.99	47.35	47.97
1950	52.28	55.01	57.68	58.15	57.33	58.23	55.69	51.67	48.26	47.10	47.85
1951	52.34	55.05	57.78	58.15	57.35	58.23	55.69	52.04	48.75	47.18	47.91
1952	52.08	54.36	57.31	57.96	57.25	58.22	55.69	52.04	48.99	47.18	47.91
1953	52.33	55.05	57.55	58.01	57.32	58.23	55.69	52.04	48.99	47.35	48.06
1954	52.26	55.05	57.78	58.15	57.38	58.25	55.69	52.04	48.99	47.44	48.19
1955	52.50	55.13	57.84	58.17	57.38	58.25	55.69	52.04	48.18	46.74	47.91
1956	52.41	54.84	57.64	58.04	57.31	58.22	55.69	52.04	48.99	47.44	47.98
1957	52.48	55.02	57.70	58.15	57.33	58.22	55.69	52.04	48.96	47.27	47.77
1958	52.10	54.57	57.50	58.04	57.31	58.20	55.69	52.04	48.99	47.38	48.08
1959	52.49	55.13	57.84	58.17	57.38	58.25	55.69	52.04	48.99	47.44	48.09
1960	52.47	55.09	57.83	58.17	57.38	58.25	55.69	52.04	48.99	47.44	48.17
1961	52.49	55.13	57.84	58.17	57.38	58.25	55.69	52.04	48.99	47.44	48.00
1962	52.31	55.05	57.78	58.15	57.38	58.24	55.42	51.77	48.73	47.18	48.04
1963	52.21	54.75	57.70	58.15	57.31	58.22	55.69	51.97	48.92	47.35	48.19
1964	52.49	55.09	57.83	58.17	57.38	58.25	55.69	52.04	48.11	46.80	47.91
1965	52.25	54.97	57.64	58.12	57.30	58.22	55.69	52.04	48.99	47.34	48.18
1966	52.38	55.09	57.83	58.17	57.38	58.25	55.69	52.04	48.88	47.18	47.92
1967	52.40	54.80	57.30	57.96	57.29	58.22	55.69	52.04	48.99	47.37	47.91
1968	52.50	55.09	57.83	58.17	57.39	58.25	55.69	52.04	48.99	46.83	47.83
1969	52.25	54.62	57.55	58.04	57.32	58.22	55.69	52.04	48.79	46.39	47.91
1970	52.48	55.05	57.78	58.15	57.38	58.25	55.69	52.04	48.86	47.18	48.10
1971	52.37	54.90	57.58	58.00	57.30	58.21	55.69	52.04	48.98	47.33	48.12
1972	52.44	55.09	57.83	58.17	57.36	58.21	55.69	52.03	48.84	47.18	47.90
1973	52.39	54.98	57.77	58.15	57.33	58.21	55.69	51.77	48.73	46.82	47.91
1974	52.19	54.88	57.64	58.05	57.31	58.22	55.69	52.04	48.99	47.43	48.00
1975	52.43	54.91	57.50	58.02	57.30	58.21	55.69	52.03	48.98	47.39	48.19
1976	52.49	55.15	57.86	58.17	57.39	58.26	55.69	52.04	49.00	47.45	48.19
1977	52.52	55.18	57.89	58.21	57.42	58.27	55.70	52.05	49.00	47.28	48.09
1978	52.25	55.01	57.64	58.07	57.31	58.20	55.69	52.04	48.99	47.42	48.12
1979	52.46	55.02	57.78	58.17	57.32	58.22	55.69	52.04	48.96	46.75	47.58
1980	52.36	55.05	57.69	58.14	57.32	58.22	55.69	52.04	48.99	47.42	48.16
1981	52.50	55.13	57.86	58.17	57.38	58.25	55.69	51.77	48.35	47.12	47.50
1982	51.73	54.66	57.64	58.06	57.31	58.18	55.69	51.95	48.73	47.18	47.74
1983	52.25	54.68	57.17	57.96	57.18	58.20	55.69	51.77	48.24	47.18	47.91
1984	52.48	55.05	57.77	58.15	57.32	58.22	55.69	51.99	48.95	47.38	48.17
1985	52.50	55.09	57.84	58.17	57.39	58.25	55.69	52.04	48.99	47.44	46.92
1986	52.36	55.05	57.78	58.15	57.38	58.24	55.69	52.04	48.99	47.44	48.17
1987	52.49	55.13	57.85	58.17	57.38	58.25	55.69	52.04	48.99	47.43	48.19
1988	52.50	55.13	57.85	58.17	57.38	58.25	55.69	52.04	48.99	47.44	48.19
1989	52.25	55.05	57.78	58.15	57.38	58.25	55.69	52.04	49.00	47.44	48.18
1990	52.49	55.13	57.84	58.17	57.38	58.25	55.69	52.04	48.99	47.44	48.19
1991	52.50	55.13	57.84	58.17	57.38	58.25	55.69	52.04	48.99	47.44	48.14
1992	52.49	55.15	57.86	58.17	57.39	58.26	55.70	52.05	49.00	47.26	48.01
1993	52.31	54.89	57.62	58.04	57.31	58.22	55.69	52.04	49.00	47.45	48.17
1994	52.49	55.15	57.86	58.18	57.39	58.26	55.70	52.04	48.99	47.15	47.91
1995	52.16	54.46	57.32	57.96	57.24	58.22	55.69	52.04	48.97	47.18	47.72
1996	52.25	54.58	57.69	58.15	57.32	58.23	55.69	52.04	48.34	45.96	47.91
1997	52.45	55.05	57.78	58.15	57.38	58.25	55.69	52.04	48.99	47.18	47.76
1998	52.25	54.89	57.32	57.96	57.28	58.21	55.69	52.04	48.85	47.18	47.85
1999	52.38	55.00	57.64	58.14	57.32	58.23	55.69	52.04	48.99	47.27	47.91
2000	52.34	55.05	57.78	58.15	57.38	58.25	55.69	52.04	48.99	47.44	48.18
2001	52.50	55.13	57.85	58.17	57.38	58.25	55.69	52.04	48.97	47.37	48.12
2002	52.47	55.13	57.84	58.17	57.38	58.25	55.69	52.04	48.83	47.18	48.10
2003	52.38	54.94	57.65	58.15	57.31	58.22	55.69	52.04	48.94	47.29	48.00
Average	52.36	54.98	57.71	58.12	57.35	58.24	55.69	52.02	48.89	47.27	48.01

Yuba River Accord Flow Requirements
Yuba River Water Temperature at Marysville (deg F)

Year	April	May	June	July	August	September	October	November	December	January	February
1922	52.96	54.58	57.44	59.28	58.75	59.94	58.13	52.88	49.19	47.65	49.07
1923	53.44	55.98	58.81	61.01	58.76	59.49	58.13	52.88	49.63	48.11	49.03
1924	54.26	58.32	62.36	63.36	62.34	62.34	58.70	52.80	49.66	48.14	48.59
1925	53.22	56.01	59.03	61.60	61.17	61.75	58.13	52.88	49.63	48.11	48.40
1926	53.13	56.11	59.97	62.77	61.75	61.75	58.12	52.83	49.29	47.50	47.72
1927	52.54	55.33	58.46	59.38	58.78	59.74	58.13	52.89	49.40	47.62	48.98
1928	52.86	55.94	59.03	61.60	61.16	60.61	58.13	52.88	49.63	48.10	49.07
1929	53.60	56.25	61.77	62.77	61.75	61.75	58.13	52.88	49.58	47.85	48.81
1930	53.40	56.00	59.03	61.60	61.17	61.75	58.13	52.88	49.62	48.11	49.07
1931	54.26	58.32	62.36	63.36	62.34	62.34	58.71	52.91	49.66	48.13	49.02
1932	53.29	55.85	58.63	59.55	58.76	60.41	58.13	52.88	49.63	48.11	49.07
1933	53.57	56.28	61.77	62.77	61.75	61.75	58.12	52.88	49.64	48.09	48.99
1934	53.57	56.25	61.77	62.77	61.75	61.75	58.13	52.88	49.63	48.11	49.05
1935	52.52	55.56	58.63	61.60	58.79	60.22	58.13	52.88	49.62	47.50	48.33
1936	52.86	55.86	58.76	61.60	58.78	59.88	58.13	52.88	49.63	48.10	48.87
1937	53.11	55.74	58.89	61.60	59.15	60.42	58.13	52.90	48.89	47.33	48.58
1938	52.50	54.31	57.83	59.27	58.73	59.60	58.13	52.88	49.62	48.11	49.07
1939	53.56	56.87	62.35	63.36	62.34	62.34	58.71	52.83	49.65	47.94	48.31
1940	52.87	55.75	59.03	61.60	59.86	59.87	58.13	52.88	49.30	47.36	48.20
1941	52.88	55.27	58.63	59.54	58.74	59.15	58.13	52.88	49.01	47.35	47.80
1942	52.88	55.40	58.26	59.30	58.73	59.64	58.13	52.87	49.03	47.26	48.28
1943	52.83	55.90	58.89	61.60	58.75	59.54	58.13	52.88	49.63	48.11	48.96
1944	53.59	56.11	59.97	62.77	60.99	60.12	58.13	52.89	49.48	47.85	48.30
1945	53.41	55.99	58.91	61.60	58.78	59.88	58.12	52.89	48.88	47.34	48.59
1946	53.15	55.97	59.02	61.60	58.80	60.07	58.13	52.88	49.63	47.98	48.90
1947	53.58	56.23	60.89	62.77	61.75	61.75	58.12	52.88	49.63	48.04	49.07
1948	53.22	55.88	58.63	59.51	58.74	59.96	58.13	52.88	49.64	48.10	49.06
1949	53.32	56.12	59.97	62.77	61.14	59.99	58.13	52.88	49.62	47.86	48.46
1950	52.97	55.89	58.76	61.60	58.78	59.95	58.12	51.83	47.51	47.14	48.10
1951	53.12	56.02	59.03	61.60	59.02	60.10	58.12	52.89	48.93	47.38	48.33
1952	52.41	53.99	57.64	59.11	58.55	59.65	58.13	52.88	49.62	47.35	48.27
1953	53.11	56.02	58.35	59.26	58.72	59.69	58.13	52.88	49.63	47.84	48.71
1954	52.91	56.00	59.03	61.60	61.17	61.75	58.13	52.88	49.63	48.11	49.07
1955	53.58	56.25	60.89	62.77	61.75	61.75	58.13	52.88	47.35	46.13	48.31
1956	53.33	55.41	58.62	59.34	58.72	59.19	58.12	52.88	49.63	48.11	48.48
1957	53.56	55.94	58.81	61.60	58.78	59.68	58.12	52.88	49.56	47.60	47.89
1958	52.50	54.60	58.21	59.34	58.72	59.61	58.13	52.88	49.62	47.93	48.78
1959	53.57	56.23	60.89	62.77	61.75	61.75	58.13	52.88	49.62	48.11	48.81
1960	53.50	56.12	59.97	62.77	61.75	61.75	58.13	52.88	49.62	48.10	49.02
1961	53.57	56.23	60.89	62.77	61.75	61.75	58.13	52.88	49.63	48.11	48.57
1962	53.04	56.00	59.03	61.60	61.16	60.70	56.16	52.10	48.86	47.34	48.65
1963	52.80	55.14	58.80	61.06	58.72	59.65	58.12	52.69	49.42	47.86	49.07
1964	53.58	56.11	59.97	62.77	61.75	61.75	58.13	52.88	47.10	46.28	48.28
1965	52.88	55.78	58.63	59.58	58.69	59.65	58.13	52.88	49.63	47.81	49.06
1966	53.25	56.11	59.97	62.77	61.75	61.75	58.13	52.89	49.32	47.37	48.29
1967	53.33	55.30	57.64	59.11	58.65	59.15	58.13	52.88	49.63	47.91	48.29
1968	53.58	56.12	59.97	62.77	61.75	61.75	58.12	52.89	49.64	46.39	48.09
1969	52.88	54.74	58.37	59.34	58.73	59.44	58.13	52.88	49.04	45.08	48.30
1970	53.55	56.00	59.03	61.60	61.16	61.75	58.13	52.89	49.27	47.34	48.81
1971	53.23	55.58	58.45	59.24	58.69	59.63	58.13	52.88	49.60	47.77	48.87
1972	53.43	56.11	59.97	62.77	60.01	59.64	58.12	52.88	49.20	47.37	48.27
1973	53.27	55.78	59.02	61.60	58.78	59.64	58.12	52.14	48.88	46.32	48.29
1974	52.72	55.52	58.63	59.38	58.70	59.22	58.13	52.88	49.63	48.09	48.54
1975	53.42	55.59	58.22	59.29	58.69	59.62	58.11	52.88	49.60	47.97	49.07
1976	53.56	56.87	62.35	63.36	62.34	62.34	58.71	52.75	49.64	48.13	49.09
1977	54.98	58.55	62.60	63.55	62.54	62.61	58.99	53.10	49.67	47.68	48.81
1978	52.88	55.88	58.63	59.42	58.72	59.60	58.13	52.88	49.63	48.04	48.91
1979	53.47	55.93	59.03	62.68	58.75	59.63	58.12	52.89	49.54	46.10	47.32
1980	53.20	56.00	58.78	60.44	58.73	59.50	58.13	52.88	49.63	48.04	48.99
1981	53.58	56.25	61.77	62.77	61.75	61.75	58.12	52.13	47.76	47.21	47.10
1982	51.40	54.86	58.63	59.39	58.71	59.55	58.11	52.65	48.87	47.39	47.84
1983	52.89	54.94	57.24	59.11	58.32	59.61	58.12	52.13	47.48	47.35	48.29
1984	53.55	56.01	59.01	61.60	58.75	59.65	58.12	52.77	49.50	47.92	49.02
1985	53.59	56.13	59.95	62.76	61.74	61.75	58.12	52.89	49.64	48.10	45.45
1986	53.18	56.01	59.03	61.60	61.16	60.53	58.12	52.88	49.63	48.11	49.03
1987	53.57	56.25	61.77	62.77	61.75	61.75	58.13	52.88	49.63	48.09	49.07
1988	53.59	56.25	61.77	62.77	61.75	61.75	58.13	52.89	49.63	48.11	49.09
1989	52.86	56.00	59.03	61.60	61.16	61.75	58.11	52.90	49.64	48.13	49.05
1990	53.57	56.25	60.89	62.77	61.75	61.75	58.13	52.88	49.62	48.10	49.07
1991	53.59	56.23	60.89	62.77	61.75	61.75	58.12	52.88	49.63	48.11	48.95
1992	53.57	56.87	62.35	63.36	62.34	62.34	58.70	52.96	49.67	47.61	48.57
1993	53.05	55.54	58.58	59.34	58.72	59.17	58.11	52.90	49.65	48.12	49.04
1994	53.57	56.87	62.35	63.35	62.34	62.34	58.71	52.91	49.63	47.32	48.29
1995	52.64	54.30	57.70	59.11	58.51	59.32	58.12	52.88	49.57	47.35	47.76
1996	52.88	54.64	58.78	61.13	58.74	59.72	58.12	52.89	47.76	43.87	48.29
1997	53.46	56.00	59.03	61.60	61.16	61.75	58.12	52.89	49.64	47.36	47.90
1998	52.88	55.56	57.68	59.11	58.61	59.63	58.12	52.89	49.22	47.35	48.15
1999	53.25	55.85	58.63	61.03	58.73	59.73	58.11	52.89	49.63	47.62	48.33
2000	53.14	56.00	59.03	61.61	61.17	61.75	58.11	52.89	49.63	48.11	49.06
2001	53.58	56.25	61.77	62.77	61.75	61.75	58.12	52.89	49.59	47.91	48.87
2002	53.51	56.23	60.90	62.77	61.75	61.75	58.12	52.89	49.18	47.33	48.82
2003	53.27	55.70	58.65	61.61	58.71	59.17	58.12	52.89	49.49	47.66	48.54
Average	53.24	55.92	59.54	61.41	60.16	60.63	58.15	52.83	49.35	47.62	48.57