

SBV Water Conservation District Historical Parshall Flume Readings from Santa Ana River

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	TOTAL	Water Year Total
1938	1,270	2,682	2,247	0	0	0	0	0	0	0	0	822	7,021	6,942
1939	1,688	2,526	2,420	1,274	0	0	0	0	0	0	0	20	7,928	8,730
1940	1,310	2,116	1,247	1,014	0	0	0	0	0	0	0	398	6,085	5,707
1941	1,398	1,738	3,070	1,954	0	0	0	0	0	331	327	1,424	10,242	8,558
1942	1,880	307	51	315	0	0	0	0	0	0	0	180	2,733	4,635
1943	352	1,260	3,156	3,018	507	0	0	0	0	0	0	975	9,268	8,473
1944	1,195	858	1,574	1,175	617	0	0	0	0	0	676	678	6,773	6,394
1945	54	1,057	1,632	2,799	188	0	0	0	248	200	0	153	6,331	7,332
1946	740	173	72	1,606	0	0	850	0	0	0	1,602	2,270	7,313	3,794
1947	1,060	132	96	0	0	0	0	0	0	0	0	162	1,450	5,160
1948	0	576	127	111	0	158	0	0	0	0	12	1,354	2,338	1,134
1949	1,388	1,841	492	0	0	0	0	0	0	0	0	543	4,264	5,087
1950	472	1,390	190	0	0	0	0	0	0	0	0	170	2,222	2,595
1951	87	123	14	0	0	0	0	0	0	0	0	484	708	394
1952	2,670	1,350	2,940	822	513	7	0	0	0	0	367	767	9,436	8,786
1953	1,220	93	137	58	11	0	0	0	0	0	0	0	1,519	2,653
1954	592	1,290	1,580	3,210	0	0	0	0	0	0	147	384	7,203	6,672
1955	847	1,240	1,100	0	42	0	0	0	0	0	0	0	3,229	3,760
1956	466	696	51	21	0	0	0	0	0	0	0	0	1,234	1,234
1957	852	949	980	46	91	4	0	0	0	0	175	567	3,664	2,922
1958	316	2,030	2,680	4,190	1,350	0	0	0	0	0	0	0	10,566	11,308
1959	100	722	326	0	0	0	0	1	0	0	10	130	1,289	1,149
1960	191	715	787	95	9	0	0	0	0	0	55	0	1,852	1,937
1961	9	0	0	0	0	0	0	0	0	0	0	251	260	64
1962	179	1,680	1,610	996	40	0	0	0	0	0	0	0	4,505	4,756
1963	0	199	63	178	13	0	0	0	137	0	116	0	706	590
1964	153	52	187	547	44	0	0	0	0	0	0	120	1,103	1,099
1965	145	37	80	2,930	152	0	0	0	0	0	1,053	1,593	5,990	3,464
1966	2,052	996	36	36	0	0	0	0	0	0	0	2,591	5,711	5,766
1967	1,972	1,139	1,379	2,115	0	0	210	0	0	0	946	1,262	9,023	9,406
1968	1,313	826	1,357	752	0	0	0	0	0	0	0	119	4,367	6,456
1969	1,024	2,346	4,129	5,752	6,252	5,292	3,225	1,537	1,678	1,222	2,150	944	35,551	31,354
1970	1,315	1,125	3,354	190	30	0	0	0	0	0	83	1,663	7,760	10,330
1971	2,337	1,504	0	0	0	0	0	0	0	0	0	290	4,131	5,587
1972	2,057	534	0	0	0	0	0	0	0	0	184	357	3,132	2,881
1973	1,194	3,218	4,549	4,042	3,230	1,471	0	0	0	0	336	187	18,227	18,245
1974	2,300	1,466	3,813	1,356	0	0	0	0	0	33	184	1,030	10,182	9,458
1975	331	1,496	2,875	3,121	629	0	0	0	0	0	49	0	8,501	9,699

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Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	TOTAL	Water Year Total	
1976	0	2,001	2,488	639	0	0	0	0	728	142	0	0	5,998	5,905	
1977	795	169	191	0	1,697	44	0	0	0	0	0	419	3,315	3,038	
1978	3,919	5,187	8,785	7,300	9,851	8,698	5,611	2,229	173	982	2,448	4,562	59,745	52,172	
1979	4,945	5,633	6,482	5,923	7,177	4,889	2,773	2,073	1,597	1,448	1,291	1,000	45,231	49,484	
1980	2,797	4,223	4,919	5,810	5,677	2,624	1,408	4,134	3,723	3,233	1,668	1,589	41,805	39,054	
1981	1,489	2,970	3,043	2,067	682	9	0	0	0	0	81	397	10,738	16,750	
1982	2,112	2,767	4,124	1,740	3,082	1,434	254	0	127	563	931	2,173	19,307	16,118	
1983	974	868	883	1,329	1,271	2,650	0	0	3,580	2,757	1,112	1,888	17,312	15,222	
1984	3,182	2,249	1,111	615	81	0	0	0	0	0	82	104	7,424	12,995	
1985	0	0	0	0	0	0	0	0	0	0	168	1,110	1,278	186	
1986	221	2,145	3,156	1,386	12	0	0	0	0	0	0	0	6,920	8,198	
1987	0	0	0	0	0	0	0	0	0	72	450	95	617	0	
1988	677	42	39	617	56	0	0	9	0	0	17	443	1,900	2,057	
1989	383	1,160	811	104	32	0	0	0	0	0	0	0	2,490	2,950	
1990	208	490	466	147	6	0	119	0	0	0	0	0	1,436	1,436	
1991	331	448	3,832	2,160	190	10	0	0	0	56	0	119	7,146	6,971	
1992	655	2,982	2,539	4,223	1,410	101	121	0	0	44	274	1,037	13,386	12,206	
1993	4,030	5,766	7,976	8,196	6,528	3,384	760	361	637	462	670	899	39,669	38,993	
1994	791	2,949	2,878	1,351	700	276	266	40	26	0	158	206	9,641	11,308	
1995	6,288	6,181	1,753	67	169	522	3,074	960	444	510	329	897	21,194	19,822	
1996	899	3,053	4,939	1,029	208	190	216	547	224	4	789	1,934	14,032	13,041	
1997	4,342	1,333	595	403	264	276	60	0	0	0	149	1,214	8,636	10,000	
1998	1,865	4,633	5,928	5,456	6,743	7,159	4,666	837	656	713	828	98	39,582	39,306	
1999	743	837	552	1,143	256	151	654	40	28	69	9	37	4,519	6,043	
2000	14	2,322	2,654	540	12	0	0	97	117	38	47	5	5,846	5,871	
2001	213	1,041	1,414	438	154	11	27	40	40	66	330	375	4,149	3,468	
2002	243	149	111	63	2	0	0	0	25	45	1,599	1,131	3,368	1,364	
2003	967	2,171	2,672	1,189	716	8	49	120	62	96	279	497	8,826	10,729	
2004	38	304	691	295	528	64	18	50	74	1,534	1,627	84	5,307	2,934	
2005	3,657	3,150	2,623	2,020	4,600	4,670	3,877	0	0	897	1,232	791	27,516	27,842	
2006	325	299	3,691	3,434	989	1,903	1,233	0	0	0	159	394	12,427	14,793	
2007	397	349	394	1,801	381	96	6	5	23	124	137	938	4,651	4,004	
													Total	950,444	949,244
													Avg 1912-2007	9,900	9,888
													Avg 1969-2007	13,920	13,893
													Avg 1969-1998	15,543	15,492
													Max 1969-1998		
													Min 1969-1998		
Beginning November 1984, includes Santa Ana River water spread in Mill Creek via Greenspot Pipeline Turnout															
Beginning March 1999, includes water released from SBVWCD facilities for use as Blend Water for the Pilot Dewatering Program															