

SUMMARY OF STREAM FLOW AND LAKE LEVEL MAINTENANCE DAMS CONSTRUCTED
 UNDER REGION II SUPERVISION - CALIFORNIA DEPARTMENT OF FISH AND GAME
 1949 - 1956

NAME OF PROJECT	COUNTY	NO. OF DAMS	HEIGHT OF MAIN DAM FROM CREST TO BOTTOM OF PIPE	CREST LENGTH OF MAIN DAM	TYPE OF CONSTRUCTION	VOLUME OF DAM IN CU. YARDS	WATER STORAGE IN ACRE- FEET	COST PER ACRE- FOOT OF WATER STORED	COST PER CU. YD. OF CON- STRUCTION	TOTAL COST
<u>1949</u>										
Stony Ridge Lake	El Dorado	1	6'	115'	Stonemasonry	183	315	\$38.54	\$66.88	\$12,139.75
Crag Lake	El Dorado	1	3'2"	70'	"	50	64.5	51.85	66.88	3,344.0
<u>1950</u>										
Middle Velma Lake	El Dorado	3	3½'	23.5'	"	38.4	148	16.95	65.49	2,514.82
Lois Lake	El Dorado	1	3½'	14'	"	8	85	6.13	65.49	523.92
Schmidell Lake	El Dorado	1	6'4"	28.5'	"	36	204	11.58	65.49	2,357.64
<u>1951</u>										
High Emigrant Lake	Tuolumne	1	8'	46'	"	64	67	34.07	35.67	2,283.09
Middle Emigrant Lake	Tuolumne	2	6'	36'	"	48	79	21.69	35.70	1,713.60
Susie Lake	El Dorado	1	3½'	25'	"	10.53	99	5.67	53.33	561.81
Heather Lake	El Dorado	1	4'	40'	"	50.37	141.75	16.92	47.62	2,398.40
Gold Lake*	Sierra	1	5'	75'	"	58.05	1,447.04	1.61	39.91	2,316.93
<u>1952</u>										
Smith Lake	El Dorado	1	7'	172'	"	134	61	80.54	36.66	4,912.96
Lyons Lake	El Dorado	2	6'	71'	"	120	40	110.75	36.92	4,429.91
Lower Highland Lake	Alpine	1	4'	65'	"	89	138	19.90	30.87	2,747.92
Snow Lake	Tuolumne	(Reconstruction and repair)					109		42.54	4,637.09

Summary of Stream Flow and Lake Level Maintenance Dams Constructed Under Region 2 Supervision - Calif. Dept. of Fish and Game
1949-1956

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<u>1953</u>										
Round Lake ✓	El Dorado	1	8'	44'	Stonemasonry	134	300	\$20.62	\$46.16	\$6,186.21
Dandelles Lake ✓	El Dorado	2	4.2'	18'	Stonemasonry and earth and rock fill	15.4 14.0	71	34.10	41.18	2,421.44
Winnemucca Lake	Alpine	1	4.5'	67'	Stonemasonry and earth and rock fill	68	225	10.02	33.17	2,255.39
Lower Buck Lake	Tuolumne	1 (Reconstruction and repair)			Stonemasonry	109			54.66	5,958.83
Bigelow Lake †	Tuolumne	5 (Project incomplete)			Stonemasonry (1953 const.)	102.5			52.73	5,404.74
Big Downey Lake	Nevada	1	12'	64'	Stonemasonry	330	168	98.03	49.90	16,468.82
<u>1954</u>										
Maris Lake	Nevada	1 (no pipe)		18'	Stonemasonry (base)	25 (lake level maintenance dam)				1,539.32
Lower West Lake	Nevada	1	"	20'	Stonemasonry (base)	30 " "	"	"	"	1,429.86
Upper West Lake	Nevada	1	"	22'	"	28 " "	"	"	"	862.03
Gilmore Lake	El Dorado	1	4'	130'	Stonemasonry	154	310	24.96	50.25	7,739.40
Spider Lake	El Dorado	2	4.2'	215'	"	140	190	18.82	26.88	3,764.10
<u>1955</u>										
Buck Island Lake	El Dorado	2	4½'	42'	"	62	110	26.98	41.85	3,373.71

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<u>1955 (Con't)</u>										
Rockbound Lake	El Dorado	2	4½'	54'	Stonemasonry	54	430	\$ 5.06	\$42.16	\$2,276.51
Showers Lake ✓	El Dorado	2	4½'	25'	"	42	31	115.86	50.43	3,591.73
Dicks Lake	El Dorado	1	5'	41'	"	40.3	310	13.40	54.33	4,153.65
<u>1956</u>										
Highland Lake	El Dorado	1	6¼"	215'	"	129	93	63.70	43.35	5,605.52
Wheeler Lake	Alpine	1	5'	56'	"	80 (lake level maintenance)			55.15	7,668.86

*A Department of Fish and Game financed project. All other projects financed by Wildlife Conservation Board funds.
 †Construction taken over by Region IV, August 27, 1954.

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