



26. DATE OF SURVEY	43. DEPTH DESIGNATION RANGE IN FEET BELOW, AND ABOVE, CREST ELEVATION												
	PERCENT OF TOTAL SEDIMENT LOCATED WITHIN DEPTH DESIGNATION												

26. DATE OF SURVEY	44. REACH DESIGNATION PERCENT OF TOTAL ORIGINAL LENGTH OF RESERVOIR														
	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	-105	-110	-115	-120	-125
	PERCENT OF TOTAL SEDIMENT LOCATED WITHIN REACH DESIGNATION														

45. RANGE IN RESERVOIR OPERATION							
WATER YEAR	MAX. ELEV.	MIN. ELEV.	INFLOW, AC.-FT.	WATER YEAR	MAX. ELEV.	MIN. ELEV.	INFLOW, AC.-FT.

46. ELEVATION-AREA-CAPACITY DATA								
ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY
51.5	37.90	643.33	25	8.17	49.80			
51.2	37.90	632.30	20	3.93	19.55			
50	35.61	588.20	15	1.74	5.40			
45	29.48	425.45	10	0.40	0.00			
40	23.70	292.50	0	0	0			
35	18.50	186.85						
30	14.04	105.35						

47. REMARKS AND REFERENCES  
1/ Assumed datum on spillway crest. Dam is concrete arch and top of dam serves as spillway  
2/ 1924 - originally built to height of 38.2 ft. Est. capacity 320 Ac. Ft.  
 1927 - raised to height 51.2 feet. Est. capacity 775 Ac. Ft.  
3/ Estimated data - no original maps available  
4/ Use 1927 capacity of 775 Ac. Ft.  
 Only 10% sediment is fine sand and gravel, most is silt (ML)  
 Land Use: 50% Woodland, 12% Brush, 38% Range or Grassland  
 Geology: Franciscan Formation 100%

48. AGENCY MAKING SURVEY Soil Conservation Service, Berkeley, California 10/20/71  
 49. AGENCY SUPPLYING DATA " " " " 50. DATE