



26. DATE OF SURVEY	43. DEPTH DESIGNATION RANGE IN FEET BELOW, AND ABOVE, CREST ELEVATION														
	PERCENT OF TOTAL SEDIMENT LOCATED WITHIN DEPTH DESIGNATION														
Aug. 1969	6	20	10	5	7	8	16	8	21						
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.
1949	1327.02	1318.86	1183	1960	1385.38	1361.72	16
1950	1335.97	1318.43	2561	1961	1361.69	1351.58	408
1951	1330.15	1319.19	41	1962	1400.93	1350.20	60449
1952	1382.7	1318.18	85500	1963	1394.18	1381.63	4752
1953	1378.57	1372.70	7990	1964	1385.61	1376.77	2050
1954	1378.43	1371.09	9240	1965	1400.40	1373.95	11764
1955	1376.62	1365.37	87	1966	1400.75	1388.43	71918
1956 <sup>4/</sup>	1400.10	1380.64	3480	1967	1401.65	1386.90	131640
1957	1396.47	1387.55	71	1968	1400.06	1388.83	6795
1958	1400.68	1387.79	123600	1969	1402.10	1381.41	320377
1959	1400.21	1385.38	4500	1970	1400.35	1377.39	-

46. ELEVATION-AREA-CAPACITY DATA								
ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY
Aug. 69			1372.5	172.3	3955.1	Feb. 56	5/	
1344.4	0	0	1377.5	186.6	4890.2			
1344.7	21.3	21.7	1382.5	202.6	5904.6	1325	0	0
1347.5	82.4	387.9	1387.5	220.4	7008.4	1340	114	1260
1352.5	112.8	950.4	1392.5	246.6	8249.9	1360	158	3985
1357.5	128.5	1591.7	1399.82	316.5	9654.0	1380	254	7937
1362.5	142.5	2305.2				1399.82	429	14719
1367.5	157.6	3093.4						

47. REMARKS AND REFERENCES

1/ Prior to 1948 spillway at 1354.75 elev.

2/ Effective drainage area prior to 1931 was 216 sq. mi.; thereafter 202.2 sq. mi. adjusted to both

3/ From WB precipitation records at site Gibraltar Dam; site #2 after 1959

4/ Datum lowered 21.82

5/ Feb. 1956 Capacity Dam