

26. DATE OF SURVEY	43. DEPTH DESIGNATION RANGE IN FEET ABOVE, AND BELOW, 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

47. REMARKS AND REFERENCES

- 1) Item 10f: Water yield research facility; inflow = outflow over weir.
- 2) Item 13f: 1938.
- 3) Item 26(1955): Sediment removed (and no measurements taken) in summer of 1956; subsequent sedimentation data on 1956-60 sheet.

48. AGENCY SUPPLYING DATA U. S. Forest Service

49. DATE March 26, 1962

RESERVOIR SEDIMENT
DATA SUMMARY

Teakettle Reservoir No. 2A
NAME OF RESERVOIR

(Sheet 2 of 3)

71-32a

Kings R. DATA SHEET NO.

DAM	1. OWNER USDA, Forest Service		2. STREAM Teakettle Cr.-Trib Kings R.		3. STATE California			
	4. SEC. 21 TWP. 11S RANGE 27E		5. NEAREST P.O. Fresno		6. COUNTY Fresno			
	7. LAT. 36°57'25" LONG. 119°01'50"		8. TOP OF DAM ELEVATION 6,929 ft		9. SPILLWAY CREST ELEV 6,924 ft.			
RESERVOIR	10. STORAGE ALLOCATION	11. ELEVATION TOP OF POOL	12. ORIGINAL SURFACE AREA, ACRES	13. ORIGINAL CAPACITY, ACRE-FEET	14. GROSS STORAGE, ACRE-FEET	15. DATE STORAGE BEGAN		
	a. FLOOD CONTROL					Fall, 1956		
	b. MULTIPLE USE							
	c. POWER					16. DATE NORMAL OPER. BEGAN		
	d. WATER SUPPLY							
	e. IRRIGATION					Fall, 1956		
	f. CONSERVATION							
g. INACTIVE	1/	6924 ft.	0.029	0.066				
WATERSHED	17. LENGTH OF RESERVOIR		0.0095 MILES	AV. WIDTH OF RESERVOIR		0.0043 MILES		
	18. TOTAL DRAINAGE AREA		0.273 SQ. MI.	22. MEAN ANNUAL PRECIPITATION		40 INCHES		
	19. NET SEDIMENT CONTRIBUTING AREA		0.273 SQ. MI.	23. MEAN ANNUAL RUNOFF		4.20 INCHES		
	20. LENGTH	1.15 MILES	AV. WIDTH	0.24 MILES	24. MEAN ANNUAL RUNOFF		61.2 AC.-FT.	
	21. MAX. ELEV.	7940 ft.	MIN. ELEV.	6920 ft.	25. ANNUAL TEMP: MEAN RANGE			
SURVEY DATA	26. DATE OF SURVEY	27. PERIOD YEARS	28. ACCL. YEARS	29. TYPE OF SURVEY	30. NO. OF RANGES OR CONTOUR INT.	31. SURFACE AREA, ACRES	32. CAPACITY, ACRE-FEET	33. C/I. RATIO, AC.-FT. PER AC.-FT.
	Fall, 1956	1.0		Detailed	-	0.029	0.066	
	" 1957	1.0	1.0	"	-	"	-	
	" 1958	1.0	2.0	"	-	"	-	
	" 1959	1.0	3.0	"	-	"	-	
	" 1960	1.0	4.0	"	-	"	-	
	" 1961	1.0	5.0	"	-	"	-	
	26. DATE OF SURVEY	34. PERIOD ANNUAL PRECIPITATION	35. PERIOD WATER INFLOW, ACRE-FEET			36. WATER INFL. TO DATE, AC.-FT.		
			a. MEAN ANNUAL	b. MAX. ANNUAL	c. PERIOD TOTAL	a. MEAN ANNUAL	b. TOTAL TO DATE	
	Fall, 1958	57.16	492.09			492.09		
	" 1959	31.74	99.26			99.26		
	" 1960	26.70	87.11			87.11		
" 1961	27.36	50.06			50.06			
26. DATE OF SURVEY	37. PERIOD CAPACITY LOSS, ACRE-FEET			38. TOTAL SED. DEPOSITS TO DATE, ACRE-FEET				
	a. PERIOD TOTAL	b. AV. ANNUAL	c. PER SQ. MI.-YEAR	a. TOTAL TO DATE	b. AV. ANNUAL	c. PER SQ. MI.-YEAR		
Fall, 1958						0.0241		
" 1959						0.0059		
" 1960						0.00		
" 1961						0.00		
26. DATE OF SURVEY	39. AV. DRY WGT., LBS. PER CU. FT.	40. SED. DEP., TONS PER SQ. MI.-YR.		41. STORAGE LOSS, PCT.	42. SED. INFLOW, PPM			
		a. PERIOD	b. TOTAL TO DATE	a. AV. ANN.	b. TOT. TO DATE	a. PERIOD	b. TOT. TO DATE	

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													
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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

47. REMARKS AND REFERENCES

1/ Item 10g: Water-yield research facility; inflow = outflow over weir.

48. AGENCY MAKING SURVEY
 49. AGENCY SUPPLYING DATA

U. S. Forest Service

50. DATE 8/22/66