

RESERVOIR SEDIMENTATION
DATA SUMMARY

Calaveras No. 6
NAME OF RESERVOIR

52 - 8
DATA SHEET NO.

DAM	1. OWNER			2. RIVER Chopaderas Cr.			3. STATE Texas				
	4. SEC.		TWP.		RANGE		5. NEAREST TOWN San Antonio		6. COUNTY Bexar		
	7. STREAM BED ELEV. 510.3			8. TOP OF DAM ELEV. 555.8			9. SPILLWAY CREST ELEV. 550.5				
RESERVOIR	10. STORAGE ALLOCATION		11. ELEVATION TOP OF POOL		12. SURFACE AREA ACRES		13. STORAGE ACRE- FEET		14. ACCUMULATED ACRE- FEET		15. DATE STORAGE BEGAN
	a. FLOOD CONTROL		550.5		199.1		1698.0		1741.0		12-12-56
	b. POWER										
	c. WATER SUPPLY										16. DATE NORMAL OPER. BEGAN
	d. IRRIGATION										
	e. CONSERVATION		530.8		9.8		43.0		43.0		
f. INACTIVE											
WATERSHED	17. LENGTH OF RESERVOIR 1.553 MILES				AV. WIDTH OF RESERVOIR 0.200 MILES						
	18. TOTAL DRAINAGE AREA 7.014 SQ. MI.				22. MEAN ANNUAL PRECIPITATION 32.91 (3) INCHES						
	19. NET SEDIMENT CONTRIBUTING AREA 6.703 SQ. MI.				23. MEAN ANNUAL RUNOFF 4.00 INCHES						
	20. LENGTH		MILES		AV. WIDTH		MILES		24. MEAN ANNUAL RUNOFF 213.33 Ac.Ft./Sq.Mi.		
	21. MAX. ELEV.		MIN. ELEV. 510.3		25. CLIMATIC CLASSIFICATION Subhumid						
SURVEY DATA	26. DATE OF SURVEY		27. PERIOD YEARS	28. ACGL. YEARS	29. TYPE OF SURVEY	30. NO. OF RANGES OR CONTOUR INT.	31. SURFACE AREA ACRES	32. CAPACITY ACRE- FEET	33. C _w RATIO AC-FT. PER SQ. MI.		
	Dec. 12, 1956		---	---	Range Detail	26	199.1	1741.0	248.22		
	June 26, 1960		3.62	3.62	Range Detail	26	195.7	1689.4	240.86		
	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	d. MEAN ANNUAL	e. TOTAL TO DATE		
	26. DATE OF SURVEY		37. PERIOD SEDIMENT DEPOSITS ACRE- FEET			38. TOTAL SED. DEPOSITS TO DATE ACRE- FEET.					
			a. PERIOD TOTAL	b. AV. ANNUAL	c. PER SQ. MI.-YEAR	d. TOTAL TO DATE	e. AV. ANNUAL	f. PER SQ. MI.-YEAR			
	Dec. 12, 1956		---	---	---	---	---	---			
	June 26, 1960		51.60	14.25	2.13	51.60	14.25	2.13			
28. 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	c. AV. ANNUAL	d. TOT. TO DATE	e. PERIOD	f. TOT. TO DATE			
June 26, 1960		45.17	2095.45	2095.45	0.82	2.96					

RESERVOIR SEDIMENT
DATA SUMMARY

Site No. 6, Calaveras Creek*

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

SCS-34 Rev. 6-66

NAME OF RESERVOIR

52- 8a

DATA SHEET NO.

DAM	1. OWNER			2. STREAM Calaveras Creek			3. STATE Texas					
	4. SEC. TWP. RANGE			5. NEAREST P. O. San Antonio			6. COUNTY Bexar					
	7. LAT. 29° 20' " LONG. 98° 20' "			8. TOP OF DAM ELEVATION 555.8			9. SPILLWAY CREST ELEV. 550.5					
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		550.5 1/		191.17		1567.14		1697.82		12-12-56	
	b. MULTIPLE USE											
	c. POWER											
	d. WATER SUPPLY										16. DATE NORMAL OPER. BEGAN	
	e. IRRIGATION											
	f. CONSERVATION		534.0 2/		26.15		65.09		130.68		12-12-56	
	g. INACTIVE		530.8 3/		13.84		65.59		65.59			
WATERSHED	17. LENGTH OF RESERVOIR 1.55 MILES				AV. WIDTH OF RESERVOIR 0.20 MILES							
	18. TOTAL DRAINAGE AREA 7.01 SQ. MI.				22. MEAN ANNUAL PRECIPITATION 27.84 (81) INCHES							
	19. NET SEDIMENT CONTRIBUTING AREA 6.70 SQ. MI.				23. MEAN ANNUAL RUNOFF 2.75 INCHES							
	20. LENGTH 3.75 MILES		AV. WIDTH 1.87 MILES		24. MEAN ANNUAL RUNOFF 1028 AC.-FT.							
	21. MAX. ELEV.		MIN. ELEV. 510.3		25. ANNUAL TEMP: MEAN 68°F RANGE 51°F - 84°F							
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.			
	12-12-56		-	-	Range-Contour (D)	46R	191.17	1697.82	1.65			
	3-12-68		11.25	11.25			190.85	1661.12	1.62			
	12-12-56		-	-			26.15	130.68	0.13			
	3-12-68		11.25	11.25			24.87	104.22	0.10			
	12-12-56		-	-			13.84	65.59	0.06			
	3-12-68		11.25	11.25			11.96	46.24	0.04			
	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			
	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				
	3-12-68		36.70	3.26	0.49	36.70	3.26	0.49				
3-12-68		26.46	2.35	0.35	26.46	2.35	0.35					
3-12-68		19.35	1.72	0.26	19.35	1.72	0.26					
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				
3-12-68		66.17	706	706	0.19	2.16	-	-				
3-12-68		60.53	461	461	1.80	20.25	-	-				
3-12-68		46.18	261	261	2.62	29.50	-	-				

