

27.6 23.6 19.6 15.6 11.6 7.6 3.6

26. DATE OF SURVEY	43. to DEPTH DESIGNATION RANGE IN FEET BELOW, AND ABOVE, CREST ELEVATION														
	23.6	19.6	15.6	11.6	7.6	3.6	CREST								
	PERCENT OF TOTAL SEDIMENT LOCATED WITHIN DEPTH DESIGNATION														
10&11/80	23	12	7	18	24	7	9								
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														
10&11/80	Not available - area-capacity data developed by contour method.														
45. RANGE IN RESERVOIR OPERATION															
WATER YEAR	MAX. ELEV.	MIN. ELEV.	INFLOW, AC.-FT.	WATER YEAR	MAX. ELEV.	MIN. ELEV.	INFLOW, AC.-FT.								
NO RECORD															
46. 7/11/69 -- 2/15/70 ELEVATION-AREA-CAPACITY DATA															
ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY							
656.0	0.23	0.15	666.0	6.20	30.63	678.0	18.41	179.23							
658.0	1.97	2.06	668.0	8.29	45.07	680.0	20.68	218.30							
660.0	2.13	6.16	670.0	10.43	63.75	682.0	22.99	261.95							
662.0	3.30	11.55	672.0	12.26	86.41	683.6	25.22	300.50							
664.0	4.70	19.51	674.0	14.34	112.98										
664.5	5.23	21.49	676.0	16.77	144.06										
(Continued - see attached sheet)															
47. REMARKS AND REFERENCES															
<p>1/ Mean for Eastern Valley Division.</p> <p>2/ To elevation of emergency spillway (683.6).</p> <p>3/ Sediment pool only</p> <p>4/ 3.2 mi. W/NW</p> <p>* Assumed</p> <p>Site drains an area of phyllite and slate on the Talladega Formation; a slightly, to somewhat metamorphosed sequence of clastic sedimentary rocks.</p> <p>Land Use, 1980: woodland, 97%; water, 2%; idle, 1%.</p>															
48. AGENCY MAKING SURVEY															
49. AGENCY SUPPLYING DATA Soil Conservation Service															
50. DATE _____															

RESERVOIR SEDIMENT
DATA SUMMARY

Choccolocco Creek W/S
Site No. 14

Sheet 2 of 2
U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

IS-34 Rev. 6-66

NAME OF RESERVOIR

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DATA SHEET NO.

DAM	1. OWNER			2. STREAM			3. STATE														
	4. SEC.		TWP.		RANGE		5. NEAREST P. O.			6. COUNTY											
	7. LAT.			LONG.			8. TOP OF DAM ELEVATION			9. SPILLWAY CREST ELEV.											
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										16. DATE NORMAL OPER. BEGAN										
	b. MULTIPLE USE																				
	c. POWER																				
	d. WATER SUPPLY																				
	e. IRRIGATION																				
	f. CONSERVATION																				
	g. INACTIVE																				
17. LENGTH OF RESERVOIR						MILES			AV. WIDTH OF RESERVOIR			MILES									
WATERSHED	18. TOTAL DRAINAGE AREA						SQ. MI.			22. MEAN ANNUAL PRECIPITATION						INCHES					
	19. NET SEDIMENT CONTRIBUTING AREA						SQ. MI.			23. MEAN ANNUAL RUNOFF						INCHES					
	20. LENGTH			MILES			AV. WIDTH			MILES			24. MEAN ANNUAL RUNOFF						AC.-F.T.		
	21. MAX. ELEV.			MIN. ELEV.			25. ANNUAL TEMP: MEAN						RANGE								
	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.						
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									
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														
	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. 10&11/80 ELEVATION-AREA-CAPACITY DATA															
ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY							
656.0	0.17	0.03	666.0	6.24	27.10	678.0	18.40	171.52							
658.0	1.07	1.14	668.0	8.16	41.46	680.0	20.60	210.52							
660.0	2.0	4.16	670.0	9.97	59.57	682.0	23.41	253.54							
662.0	3.01	9.14	672.0	11.73	81.26	683.6	25.0	293.20							
664.0	4.40	16.51	674.0	13.84	106.81										
664.5	4.8	18.2	676.0	16.25	136.88										
47. REMARKS AND REFERENCES															
48. AGENCY MAKING SURVEY Soil Conservation Service															
49. AGENCY SUPPLYING DATA Soil Conservation Service															
														50. DATE January, 1981	