

RESERVOIR SEDIMENTATION
DATA SUMMARY

Agnes Jones Pond
NAME OF RESERVOIR

15 - 6

DATA SHEET NO.

DAM	1. OWNER Agnes Jones			2. RIVER ^{Unnamed Trib. of} Coldwater River		3. STATE Mississippi										
	4. SEC. 3 TWP. 4S RANGE 2W			5. NEAREST TOWN Holly Springs		6. COUNTY Marshall										
	7. STREAM BED ELEV. 87.6			8. TOP OF DAM ELEV. -		9. SPILLWAY CREST ELEV. 100 #										
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										Oct. 1946					
	b. POWER															
	c. WATER SUPPLY										16. DATE NORMAL OPER. BEGAN					
	d. IRRIGATION															
	e. CONSERVATION		100.0		1.73		8.80		8.80		Oct. 1946					
	f. INACTIVE															
WATERSHED	17. LENGTH OF RESERVOIR 0.1705 MILES				AV. WIDTH OF RESERVOIR 0.0159 MILES											
	18. TOTAL DRAINAGE AREA 0.0478 SQ. MI.				22. MEAN ANNUAL PRECIPITATION 49.47 INCHES											
	19. NET SEDIMENT CONTRIBUTING AREA 0.0451 SQ. MI.				23. MEAN ANNUAL RUNOFF - INCHES											
	20. LENGTH - MILES		AV. WIDTH - MILES		24. MEAN ANNUAL RUNOFF - AC.-FT.											
	21. MAX. ELEV. -		MIN. ELEV. -		25. CLIMATIC CLASSIFICATION Humid											
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/W RATIO AC.-FT. PER SQ. MI.	
	Oct. 1946		-		-		-		-		1.73		8.80		184	
	Jan. 1951		4.3		4.3		Range detailed		7		1.31		6.40		134	
	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					
	Jan. 1951		61.32													
	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		a. TOTAL TO DATE		b. AV. ANNUAL		c. PER SQ. MI.-YEAR			
	Jan. 1951		2.40 (3.16) 1/		0.558 (0.735)		12.4 (16.3)		2.40 (3.16)		0.558 (0.735)		12.4 (16.3)			
	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. ANNUAL		b. TOT. TO DATE		a. PERIOD		b. TOT. TO DATE				
Jan. 1951		67.27 (3)		18,200 (23,900)		18,200 (23,900)		6.34		27.3		-		-		

* Assumed

1/ Above-crest deposits within original flow line.

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

Region 2, Soil Conservation Service
U. S. Dept. of Agriculture
Spartanburg, South Carolina

48. AGENCY SUPPLYING DATA 49. DATE April 30, 1951