

RESERVOIR SEDIMENTATION
DATA SUMMARY

Pineview (Lower)

NAME OF RESERVOIR

16 - 9

DATA SHEET NO.

DAM	1. OWNER Zimmer Bros.			2. RIVER S. Fork Jonaca Cr.			3. STATE Missouri														
	4. SEC. 18 TWP. 36N RANGE 7E			5. NEAREST TOWN Farmington			6. COUNTY St. Genevieve														
	7. STREAM BED ELEV.			8. TOP OF DAM ELEV.			9. SPILLWAY CREST ELEV.														
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										1932										
	b. POWER																				
	c. WATER SUPPLY																				
	d. IRRIGATION										16. DATE NORMAL OPER. BEGAN										
	e. CONSERVATION				4		8.9		8.9		1932										
f. INACTIVE																					
WATERSHED	17. LENGTH OF RESERVOIR						MILES			AV. WIDTH OF RESERVOIR			MILES								
	18. TOTAL DRAINAGE AREA						0.63			SQ. MI.			22. MEAN ANNUAL PRECIPITATION 43 (23)			INCHES					
	19. NET SEDIMENT CONTRIBUTING AREA						0.07			SQ. MI.			23. MEAN ANNUAL RUNOFF			INCHES					
	20. LENGTH						MILES			AV. WIDTH			MILES			24. MEAN ANNUAL RUNOFF 678 per sq. mi. *			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.						
	1932		-		-		-		-		4		8.9		13.9						
	1939		7		7		Recon.		-		4		8.2		12.8						
	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 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								
	1939		0.7		0.1		1.43		0.7		0.1		1.43								
	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							
1939		60 *		1,870		1,870		1.12		7.87											

* Estimated

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 .
 Washed out and repaired in 1933.
 Pineview Middle and Upper Res. located upstream (0.56 sq.mi.D.A.), and constructed prior to construction of lower reservoir. Original C/W ratio 17 for upper res. and 55 for middle reservoir.

Region 3, Soil Conservation Service
 U. S. Dept. of Agriculture

48. AGENCY SUPPLYING DATA Milwaukee, Wisconsin

49. DATE January 13, 1950