RESERVOIR SEDIMENT DATA SUMMARY SCS-34 Rev. 6-66

Lake Adrian

U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE

22-34

									•			DATA SHEE	T NC	. 		
_	1.	OWNER City	of Adrian 2. STREAM Wolf Creek							Ţ	3. STATE Michigan					
ΑM	4.	. SEC. TV		RANGE	Ξ '	5. NE	AREST P.O.	Adri	an		6. COUN					
٩	7. LAT. " "LONG. "				,	" 8. TO	LEVATIC	EVATION			9. SPILLWAY CREST ELEV. 7					
	10). STORAGE ALLOCATION		11. ELEVATION TOP OF POOL			NAL AREA, ACRE	13. ORIGINAL CAPACITY, ACRE-FEET			14 GROSS STORAGE, ACRE FEET			DATE ORAGE BEGAN		
~	⊢	a FLOOD CONTROL												1942		
RVOIR	\perp	b. MULTIPLE USE c. POWER														
S	┝	d. WATER SUPPLY		755		86	<u> </u>	1	,000		1,000			. DATE NOR- L OPER, BEGAN		
RE	f. CONSERVATION													1942		
	g	g. INACTIVE														
	17	. LENGTH OF RES	ERVOIR			-•3	AV. WID	ERVOIR	R .1 MI							
ED	18	3. TOTAL DRAINAG	E AREA		65 SQ. MI. 22. MEAN ANNUAL PR						ECIPITATION 32 IN					
	19. NET SEDIMENT CONTRIBUTING ARE					SQ. MI.	23. MEAN ANNUAL RUN						INCHES			
ERS	20. LENGTH 13 MILES AV.						MILES	24. MEAN ANNUAL RUN			OFF 31,198			ACF.T.		
5					AIN. ELEV			25 AN	NUÂL TEMP	MEA						
٨	21	I, MAX. ELEV.	1,08	28.				RANGES 31. SURFA						33. C/I. RATIO,		
	21	6. DATE OF SURVEY	27. PERIOD YEARS	ACCL. YEARS	29. TYP SUR	E OF	OR CONTO				ES ACRE-FEET		ACFT. PER ACFT.			
	Sept. 8,		28		Mod. Range		7		86		Original 1,000 Present			•032		
		,.,			J					851			.027			
	Ļ	C. DAVE OF	34. PER	IOD	35.	PERIOD	WATER IN	FLOW,	ACRE-FEE	т	36. WA1	TER INFL.	TO D	ATE, ACFT.		
	2	6. DATE OF SURVEY				b. MAX. ANNUAL c. PERIOD							b. TOTAL TO DATE			
EY DATA																
>	26 DATE OF 37. PERIO				D CAPAG	CITY LOS	S, ACRE-	FEET	38. TOTAL SED. DEP			SITS TO D	ATE.	ACRE-FEET		
SUR	26. DATE OF SURVEY			DD TOTAL										c PER SO MI. YEAR		
,																
		Sept. 8, 1969	1969		5.	32	.0	.09		1/19		5•32		.09		
1	-	35 DATE OF			DEPTO	NS PERSO.	41.STORA	I.STORAGE LOSS,		T. 42. SED. II		LOW, PPM				
	1							a. AV. ANN. b. TOT					b. TOT. TO DATE			
	-	Sept. 8, 1969	75.1		1)1,		1147		•54	1	15					
									1							

 	43.	DEPT	H DESIGN	ATION R	ANGE I	N FEET	BELOW	/, AND	ABOV	E, CRES	T ELE	VATION	1	
26. DATE OF SURVEY			<u> </u>								<u> </u>			
	PERCENT OF TOTAL SEDIMENT LOCATED WITHIN DEPTH DESIGNATION													
										OTIL O	F. DECI	BYOUR		
26. DATE OF	44.									H OF RESERVOI				
SURVEY	0-10 1	0-20 20-	-30 30-40 ERCENT (40-50	50-60	60-70 7	0-80 8	30-90	N DEA	- 103	IGNATI	-113	- 120	-123
	 	P	ERCENT	T TOTAL	SEDIM	ENI LU	CATED	WITH	IN KEA	UN DES	IGITATI	-		
			5											
45.	<u>.l.,,,,,,,,,,,</u>		R	ANGE IN	RESER	VOIR O	PERATI	ON						
WATER YEAR	MAX. ELEV. MIN. I		IIN. ELEV.					MAX. ELEV.		N N	MIN. ELEV.		INFLOW, AC. FT.	
46.				ELEVATION	ON-ARE	a-Ca Pa	city a	ATA						
ELEVATION	AREA	CAPAC	ITY FU	EVATION		REA CAPACI					ON AREA		CAPACITY	
	DREFERENCES						CAPACI							
47. REMARKS AN	ID REFERI	ENCES												

Geology: The watershed is mostly in moraine and ground moraine with some outwash and clay lake deposits.

Soils: 80% somewhat poorly and poorly drained loams and sandy loam

soils 0-3% slopes. 20% well drained sands and loamy sands > 12% slope.

48. AGENCY MAKING SURVEY USDA, Soil Conservation Service

49 AGENCY SUPPLYING DATA Michigan RB & WPP