

**RESERVOIR SEDIMENT
DATA SUMMARY**

SCS-34 Rev. 6-62

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Mule Creek "P"
NAME OF RESERVOIR

35-48A
DATA SHEET NO.

DAM	1. OWNER Blackman			2. STREAM Trib. of Mule Cr.			3. STATE Iowa				
	4. SEC. 13 TWP. 71N RANGE 42W			5. NEAREST TOWN Malvern			6. COUNTY Mills				
	7. STREAM BED ELEVATION 1,018.4			8. TOP OF DAM ELEVATION 1,054.5			9. SPILLWAY CREST ELEV. 1,052.5				
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. MULTIPLE USE										
	b. FLOOD CONTROL	1,052.5	2.32	9.296	19.413	Oct. 1955					
	c. POWER										
	d. WATER SUPPLY										
	e. IRRIGATION						16. DATE NORMAL OPER. BEGAN				
	f. CONSERVATION										
	g. SEDIMENT	1,047.8	1.581	10.117	10.117	Oct. 1955					
h. INACTIVE											
17. LENGTH OF RESERVOIR 0.103 MILES			AV. WIDTH OF RESERVOIR 0.035 MILES								
WATERSHED	18. TOTAL DRAINAGE AREA 0.063 SQ. MI.			22. MEAN ANNUAL PRECIPITATION 28.65 INCHES							
	19. NET SEDIMENT CONTRIBUTING AREA 0.060(0.063) SQ. MI.			23. MEAN ANNUAL RUNOFF 3.96 INCHES							
	20. LENGTH 0.43 MILES AV. WIDTH 0.117 MILES			24. MEAN ANNUAL RUNOFF 13.2 AC.-FT.							
	21. MAX. ELEV. 1.140 MIN. ELEV. 1,018.4			25. CLIMATIC CLASSIFICATION Sub-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.			
	Feb. 1962	1.17	6.33	Range(D)	9	2.32(1.58)	16.1(6.9)	256			
	Jan. 1963	0.92	7.25	"	"	" "	15.4(6.2)	245			
	Jan. 1964	1.0	8.25	"	"	-----	-----	--			
	Jan. 1965	1.0	9.25	"	"	" "	14.7(5.7)	234			
	Jan. 1966	1.0	10.25	"	"	" "	13.7(5.1)	217			
	26. DATE OF SURVEY cal. yr.	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				
	1960	34.84 ² / ₃									
	1961	34.03 ³ / ₄									
	1962	29.71 ⁴ / ₅									
	1963	25.17 ⁵ / ₆									
	1964	38.24 ⁶ / ₇									
	1965	47.31 ⁷ / ₈									
	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					
Feb. 1962	0.19(0.56)	0.16(0.48)	2.67(7.87)	3.33(3.26)	0.53(0.52)	8.83(8.52)					
Jan. 1963	0.67(0.64)	0.73(0.70)	12.17(11.48)	4.00(3.90)	0.55(0.54)	9.17(8.85)					
Jan. 1964	0.0(.06)	0.0(.06)	0.0(1.0)	4.00(3.96)	0.48(0.48)	8.00(7.87)					
Jan. 1965	0.69(0.50)	0.69(0.50)	11.43(8.15)	4.69(4.40)	0.50(0.48)	8.43(7.79)					
Jan. 1966	1.04(0.64)	1.04(0.64)	17.32(11.43)	5.73(5.03)	0.56(0.49)	9.28(8.05)					
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. AN.	b. TQT. TO DATE	a. PERIOD	b. TOT. TO DATE				
Feb. 1962	56.5(1) ⁸ / ₉	3.3(9.7)	10.9(10.5)	2.75(1)	17.2(32)						
Jan. 1963	60.3(1)	16.0(15.1)	12.0(11.6)	2.85(3)	20.6(38.5)						
Jan. 1964	56.0(1)	0.0(1.2)	9.8(9.6)	2.5(1.8)	20.6(39.1)						
Jan. 1965	54.3(1)	13.5(9.6)	10.0(9.2)	2.6(1.7)	24.1(43.5)						
Jan. 1966	"	20.5(13.5)	11.0(9.5)	2.9(1.8)	29.5(49.7)						

(Thousand Tons)

26. DATE OF SURVEY	43. DEPTH DESIGNATION RANGE IN FEET ABOVE, AND BELOW, CREST ELEVATION														
	Sediment				F.C. Pool										
	Pool PERCENT OF TOTAL SEDIMENT LOCATED WITHIN DEPTH DESIGNATION														
Feb. 1962	98%					2%									
Jan. 1963	97%					3%									
Jan. 1964	99%					1%									
Jan. 1965	94%					6%									
Jan. 1966	88%					12%									
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														
Feb. 1962	12	22	19	12	8	11	8	5	2	1					
Jan. 1963	13	23	20	12	8	10	7	4	2	1					
Jan. 1964	13	23	18	12	8	11	8	4	2	1					
Jan. 1965	12.8	22.1	18.1	13.5	10.2	10.7	6.9	3.7	1.6	0.4					
Jan. 1966	21.8	21.7	17.4	12.0	8.0	8.0	5.5	3.6	1.7	0.3					
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															
Quantities shown in parentheses (except item 39) refer to amounts in the sediment pool only.															
1/ water years 1954-55 thru 1958-59 at gage 1.4 miles downstream. 2/ Station - Malvern LW, partially estimated. 3/ Station - Malvern LW. 4/ Station - Glenwood 8SSE. 5/ Station - Glenwood 2N. 6/ based on December 1960 sample.															
48. AGENCY MAKING SURVEY Soil Conservation Service															
49. AGENCY SUPPLYING DATA Soil Conservation Service										50. DATE March 1966					

U.S. DEPARTMENT OF AGRICULTURE
RESERVOIR SEDIMENTATION
DATA SUMMARY

Mule Creek "P"

SOIL CONSERVATION SERVICE

35 - 48

NAME OF RESERVOIR

DATA SHEET NO.

DAM	1. OWNER Blackman		2. RIVER Trib. of Mule Cr.		3. STATE Iowa			
	4. SEC. 13 TWP. 71N RANGE 42W		5. NEAREST TOWN Malvern		6. COUNTY Mills			
	7. STREAM BED ELEV. 1,018.4		8. TOP OF DAM ELEV. 1,054.5		9. SPILLWAY CREST ELEV. 1,052.5			
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	1,052.5	0.740	9,296	19,413	Oct. 1955		
	b. POWER							
	c. WATER SUPPLY							
	d. IRRIGATION					16. DATE NORMAL OPER. BEGAN		
	e. CONSERVATION					Oct. 1955		
f. INACTIVE 1/	1,047.8	1.581	10,117	10,117				
17. LENGTH OF RESERVOIR 0.103 MILES			AV. WIDTH OF RESERVOIR 0.035 MILES					
WATERSHED	18. TOTAL DRAINAGE AREA 0.063 SQ. MI.		22. MEAN ANNUAL PRECIPITATION 28.65 INCHES					
	19. NET SEDIMENT CONTRIBUTING AREA 9.060 (0.061) SQ. MI.		23. MEAN ANNUAL RUNOFF 3.96 2/ INCHES					
	20. LENGTH 0.43 MILES	AV. WIDTH 0.147 MILES	24. MEAN ANNUAL RUNOFF 13.2 2/ AC.-FT.					
	21. MAX. ELEV. 1,140	MIN. ELEV. 1,018.4	25. CLIMATIC CLASSIFICATION Sub-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. 1955	-	-	Range	9	2.32(1.58)	19.4(10.1)	308(161)
	Nov. 1956	1.08	1.08	"	"	"	18.6(9.3)	294(147)
	Sept. 1957	0.83	1.91	"	"	"	17.7(8.5)	280(136)
	Sept. 1958	1.00	2.91	"	"	"	17.6(8.1)	279(128)
	Jan. 1960	1.33	4.24	"	"	"	17.1(7.8)	272(123)
	Dec. 1960	0.92	5.16	"	"	"	16.3(7.4)	258(118)
	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		
	Cal. Year							
	1955	20.91 3/						
	1956	28.56 3/						
	1957	38.80 3/						
	1958	36.15						
	1959	42.87						
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		
Nov. 1956	0.86(0.86)	0.80(0.80)	13.3(13.1)	0.86(0.86)	0.80(0.80)	13.3(13.1)		
Sept. 1957	0.89(0.72)	1.07(0.87)	17.9(14.3)	1.75(1.58)	0.92(0.83)	15.3(13.6)		
Sept. 1958	0.09(0.47)	0.09(0.47)	1.50(7.70)	1.84(2.05)	0.63(0.71)	10.5(11.6)		
Jan. 1960	0.46(0.28)	0.35(0.21)	5.83(3.44)	2.30(2.33)	0.54(0.55)	9.00(9.01)		
Dec. 1960	0.84(0.37)	0.92(0.40)	15.3(6.56)	3.14(2.70)	0.61(0.52)	10.2(8.52)		
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	
Nov. 1956	77.2(1)	22.4(22.0)	22.4(22.0)	4.1(7.9)	4.4(8)			
Sept. 1957	57.8(1)	22.5(18.0)	19.3(17.1)	4.7(8.2)	9.0(16)			
Sept. 1958	72.8(1)	2.4(12.2)	16.7(18.5)	3.3(7.0)	9.5(20)			
Jan. 1960	44.5(1)	5.6(3.3)	8.7(8.7)	2.8(5.4)	11.9(23)			
Dec. 1960	56.5(1)	18.9(8.1)	12.5(10.5)	3.1(5.1)	16.2(27)			

(Thousand Tons)

RESERVOIR SEDIMENT
DATA SUMMARY

SCS-34 Rev. 6-66

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Mule Creek "P"
NAME OF RESERVOIR

35-486
DATA SHEET NO.

DAM	1. OWNER				2. STREAM Trib. of Nishna		3. STATE Iowa									
	4. SEC. 13		TWP. 71N		RANGE 42W		5. NEAREST P.O. Malvern									
	6. COUNTY Mills		7. LAT. 40° 57' 15" LONG. 95° 36' 48"				8. TOP OF DAM ELEVATION 1054.5									
						9. SPILLWAY CREST ELEV. 1052.5										
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		1052.5		2.32		9.301		19.621							
	b. MULTIPLE USE															
	c. POWER															
	d. WATER SUPPLY										16. DATE NORMAL OPER. BEGAN					
	e. IRRIGATION															
	f. CONSERVATION															
	g. INACTIVE 1/		1047.8		1.58		9.960		9.960							
WATERSHED	17. LENGTH OF RESERVOIR 0.103				MILES		AV. WIDTH OF RESERVOIR 0.035		MILES							
	18. TOTAL DRAINAGE AREA 0.063				SQ. MI.		22. MEAN ANNUAL PRECIPITATION 28.65		INCHES							
	19. NET SEDIMENT CONTRIBUTING AREA .060 (.061)				SQ. MI.		23. MEAN ANNUAL RUNOFF 3.96		INCHES							
	20. LENGTH 0.43		MILES		AV. WIDTH 0.147		MILES		24. MEAN ANNUAL RUNOFF 13.2		AC.-FT.					
	21. MAX. ELEV. 1140		MIN. ELEV. 1018.4				25. ANNUAL TEMP: MEAN		RANGE							
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.	
	Feb. 1969		1.08		13.33		Range (D)		9		2.32 (1.58)		13.751 (4.496)		1.042 (0.341)	
	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			
	Cal. Yr. 1968		32.966/													
	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			
	Feb. 1969		0.042 (0.448)		0.039 (0.415)		0.650 (6.800)		5.870 (5.464)		0.440 (0.410)		7.338 (6.720)			
	26. DATE OF SURVEY		39. AV. DRY WGT., LBS. PER CU. FT.		40. SED. DEP., TONS PERSQ. 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	
Feb. 1969		69.5 1969 Gamma probe weight		30.756 (35.500)		11.108 (10.172)		2.24 (4.11)		29.91 (54.85)						

(thousand tons)

26. DATE OF SURVEY	43. DEPTH DESIGNATION RANGE IN FEET BELOW, AND ABOVE, CREST ELEVATION											
	Inactive	F.C.	Pool									
	PERCENT OF TOTAL SEDIMENT LOCATED WITHIN DEPTH DESIGNATION											
Feb. 1969		93.1		6.9								

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														
Feb. 1969	12.4	23.7	21.1	14.4	8.9	8.5	5.9	3.2	1.5	0.4					

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

1/ Storage used for sediment pool.

6/ Station - Glenwood 2N NW

NOTE: Lower figures in parenthesis are for the reservoir area below the principal spillway.

48. AGENCY MAKING SURVEY SCS

49. AGENCY SUPPLYING DATA SCS

50. DATE May 1970

RESERVOIR SEDIMENT
DATA SUMMARY

SCS-34 Rev. 6-66

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Mile Creek Twp
NAME OF RESERVOIR

35-48B

DATA SHEET NO.

DAM	1. OWNER			2. STREAM Trib of Nishna			3. STATE Iowa							
	4. SEC. 13 TWP. 71N RANGE 42W			5. NEAREST P. O. Malvern			6. COUNTY Mills							
	7. LAT. 40° 57' 15" LONG. 95° 36' 48"			8. TOP OF DAM ELEVATION 1,054.5			9. SPILLWAY CREST ELEV. 1,052.5							
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		1,052.5		2.32		9.301		19.621					
	b. MULTIPLE USE													
	c. POWER													
	d. WATER SUPPLY										16. DATE NORMAL OPER. BEGAN			
	e. IRRIGATION													
	f. CONSERVATION													
g. INACTIVE 1/		1,047.8		1.58		9.960		9.960						
WATERSHED	17. LENGTH OF RESERVOIR				0.103 MILES		AV. WIDTH OF RESERVOIR				0.035 MILES			
	18. TOTAL DRAINAGE AREA				0.063 SQ. MI.		22. MEAN ANNUAL PRECIPITATION				28.65 INCHES			
	19. NET SEDIMENT CONTRIBUTING AREA				0.060 (0.061) SQ. MI.		23. MEAN ANNUAL RUNOFF				3.96 INCHES			
	20. LENGTH 0.43 MILES		AV. WIDTH 0.147 MILES		24. MEAN ANNUAL RUNOFF				13.2 AC.-FT.					
	21. MAX. ELEV. 1140.0		MIN. ELEV. 1018.4		25. ANNUAL TEMP: MEAN				RANGE					
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.		
	Jan. 1967		1.0	11.25	Range (D)	9		2.32 (1.58)		14.361 (4.970)		1.088 (0.377)		
	Jan. 1968		1.0	12.25	Range (D)	9		2.32 (1.58)		13.793 (4.944)		1.045 (0.374)		
	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	
	Cal. yr. 1966		19.99 6/											
	1967		37.94 6/											
	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						
	Jan. 1967		-0.466 -(0.042)	-0.466 -(0.042)	-7.767 -(0.688)	5.260 (4.990)	0.467 (0.444)	7.783 (7.279)						
Jan. 1968		0.568 (0.026)	0.568 (0.026)	9.467 (0.426)	5.828 (5.016)	0.476 (0.409)	7.933 (6.705)							
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					
Jan. 1967		54.3(1) 1965 Weight		-9.186 -(0.814)	9.205 (8.608)	2.38 (4.45)	26.80 (50.10)							
Jan. 1968		"		11.196 (0.504)	9.382 (7.930)	2.42 (4.06)	29.70 (50.36)							

(thousands tons)

26. DATE OF SURVEY	43. DEPTH DESIGNATION RANGE IN FEET BELOW, AND ABOVE, CREST ELEVATION											
	Inactive Flood Pool											
PERCENT OF TOTAL SEDIMENT LOCATED WITHIN DEPTH DESIGNATION												
Jan. 1967		95		5								
Jan. 1968		85		15								

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
PERCENT OF TOTAL SEDIMENT LOCATED WITHIN REACH DESIGNATION														
Jan. 1967	11.9	23.5	19.8	14.1	9.9	10.2	5.7	3.3	1.5	0.1				
Jan. 1968	12.0	23.2	19.3	13.1	8.9	10.2	6.9	3.6	1.8	1.0				

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

1/ Storage used for sediment pool.

6/ Station - Glenwood 2N.

Note: Lower figures in parenthesis are for the reservoir area below the principal spillway.

48. AGENCY MAKING SURVEY Soil Conservation Service

49. AGENCY SUPPLYING DATA Soil Conservation Service

50. DATE May 1968