

ESERVOIR SEDIMENTATION
DATA SUMMARY

Prairie Dog (4A)

63-6

NAME OF RESERVOIR

DATA SHEET NO.

DAM	1. OWNER USDI - BLM			2. RIVER Badger Wash			3. STATE Colorado		
	4. SEC. 36 TWP. 8S RANGE 104W			5. NEAREST TOWN Mack			6. COUNTY Mesa		
	7. STREAM BED ELEV. 4934.8			8. TOP OF DAM ELEV. 4946.5			9. SPILLWAY CREST ELEV. 4944.5		
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					Dec. 1953			
	b. POWER								
	c. WATER SUPPLY					16. DATE NORMAL OPER. BEGAN			
	d. IRRIGATION								
	e. CONSERVATION	4944.5	0.644	3.05	3.05	Dec. 1953			
	f. INACTIVE								
WATERSHED	17. LENGTH OF RESERVOIR 0.05 MILES		AV. WIDTH OF RESERVOIR 0.02 MILES						
	18. TOTAL DRAINAGE AREA 0.022 SQ. MI.		22. MEAN ANNUAL PRECIPITATION 8.3 (Fruita) INCHES						
	19. NET SEDIMENT CONTRIBUTING AREA 0.021 SQ. MI.		23. MEAN ANNUAL RUNOFF 0.62 INCHES						
	20. LENGTH 0.40 MILES		AV. WIDTH 0.05 MILES		24. MEAN ANNUAL RUNOFF .73 AC.-FT.				
	21. MAX. ELEV. 5047		MIN. ELEV. 4934		25. CLIMATIC CLASSIFICATION arid				
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.	
	Dec. 20, 1953	-	-	Contour & ranges detailed	1 ft.	0.644	3.05	139	
	July 25, 1955	1.6	1.6			0.644	2.55	116	
	Nov. 6, 1956	1.4	3.0			0.644	2.55	116	
	Nov. 1, 1957	1.0	4.0			0.644	2.35	107	
	Nov. 2, 1958	1.0	5.0			0.644	2.35	107	
	Nov. 10, 1959	1.0	6.0			0.644	2.29	104	
	Nov. 2, 1961	2.0	8.0			0.644	2.06	94	
	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		
	July 25, 1955	11.36	1.42	1.20	2.27	1.42	2.27		
	Nov. 6, 1956	6.92	.11	.31	.34	.87	2.61		
	Nov. 1, 1957	13.19	1.51	1.51	1.51	1.03	4.12		
	Nov. 2, 1958	8.49	.03	.03	.03	.83	4.15		
	Nov. 10, 1959	5.39	.06	.06	.06	.70	4.21		
Nov. 2, 1961	16.28	.82	1.59	1.63	.73	5.84			
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			
July 25, 1955	0.50	0.31	14.8	0.50	0.31	14.8			
Nov. 6, 1956	0	0	0	.50	.17	8.10			
Nov. 1, 1957	.20	.20	9.52	.70	.17	8.10			
Nov. 2, 1958	0	0	0	.70	.14	6.67			
Nov. 10, 1959	.06	.06	2.85	.76	.13	6.19			
Nov. 2, 1961	.23	.12	5.71	.99	.12	5.72			
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	c. AV. ANNUAL	d. TOT. TO DATE	e. PERIOD	f. TOT. TO DATE		
July 25, 1955				10.2	16.4				
Nov. 6, 1956				5.6	16.4				
Nov. 1, 1957				5.6	22.9				
Nov. 2, 1958				4.6	22.9				
Nov. 10, 1959				4.2	24.9				
Nov. 2, 1961				3.9	32.5				

26. DATE OF SURVEY	43. DEPTH DESIGNATION RANGE IN FEET ABOVE, AND BELOW, CREST ELEVATION													
	PERCENT OF TOTAL SEDIMENT LOCATED WITHIN DEPTH DESIGNATION													

28. 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

Data through 1958 contained in U. S. Geological Survey Water Supply Paper in process of publication.

U. S. Geological Survey
Water Resources Division

49. AGENCY SUPPLYING DATA

49. DATE April 27, 1962

RESERVOIR SEDIMENT
DATA SUMMARY

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Prairie Dog (4A)

SCS-34 Rev. 6-66

NAME OF RESERVOIR

63-6a

DATA SHEET NO.

DAM	1. OWNER USDI BLM				2. STREAM TRIB. OF BADGER WASH. STATE COLO.			
	4. SEC. 36 TWP. 8 S RANGE 104 W				5. NEAREST P.O. Mack, Colo.			
	7. LAT 39° 19' " LONG 108° 56' "				8. TOP OF DAM ELEVATION 4,946			
						9. SPILLWAY CREST ELEV 4,944.5		
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					Dec. 1953		
	b. MULTIPLE USE							
	c. POWER							
	d. WATER SUPPLY	4,944.5	.64	3.05	3.05	16. DATE NORMAL OPER. BEGAN		
	e. IRRIGATION							
	f. CONSERVATION					Dec. 1953		
	g. INACTIVE							
17. LENGTH OF RESERVOIR .061		MILES		AV. WIDTH OF RESERVOIR .016		MILES		
18. TOTAL DRAINAGE AREA .022			SQ. MI.			22. MEAN ANNUAL PRECIPITATION 8.75 (38 yr) INCHES		
19. NET SEDIMENT CONTRIBUTING AREA .022			SQ. MI.			23. MEAN ANNUAL RUNOFF .60 (17 yr) INCHES		
20. LENGTH .23		MILES		AV. WIDTH .10		MILES		
21. MAX. ELEV. 5,045		MIN. ELEV. 4,940		25. ANNUAL TEMP.: MEAN 51°F 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.
	12-6-53	--	--	Range D	5	.64	3.05	4.36
	7-28-55	1.6	1.6	"	5	"	2.64	3.77
	11-4-56	1.3	2.9	"	4	"	2.64	3.77
	10-25-57	1.0	3.9	"	5	"	2.49	3.56
	11-20-58	1.1	5.0	"	4	"	2.49	3.56
	11-12-59	1.0	6.0	"	3	"	2.43	3.47
	11-2-61	2.0	8.0	"	5	.63	2.28	3.26
	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		
	12-6-53	--	--	--	--	--		
	7-28-55	10.0	1.42	1.07	2.27	1.42	2.27	
	11-4-56	7.1	.24	.31	.34	.90	2.61	
	10-25-57	12.4	1.60	1.60	1.60	1.08	4.21	
11-20-58	8.5	.03	.03	.03	.85	4.24		
11-12-59	4.9	.71	.71	.71	.83	4.95		
11-2-61	15.3	.81	1.59	1.63	.82	6.58		
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		
12-6-53	--	--	--	--	--			
7-28-55	.41	.26	11.80	.41	.26	11.80		
11-4-56	0	0	0	.41	.14	6.36		
10-25-57	.15	.15	6.82	.56	.14	6.36		
11-20-58	0	0	0	.56	.11	5.00		
11-12-59	.06	.06	2.73	.62	.10	4.55		
11-2-61	.15	.07	3.18	.77	.10	4.55		
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	
12-6-53	--	--	--	--	--			
7-28-55	90*	23,130	23,130	8.52	13.44	263,920	260,505	
11-4-56	"	--	12,467	4.59	13.44	--	226,569	
10-25-57	"	13,365	12,467	4.59	18.36	135,223	191,851	
11-20-58	"	--	9,800	3.61	18.36	--	190,493	
11-12-59	"	5,346	8,919	3.28	20.33	121,891	180,653	
11-2-61	"	6,682	8,919	3.28	25.24	132,724	168,781	

*Assumed

26. DATE OF SURVEY	43. DEPTH DESIGNATION RANGE IN FEET BELOW, AND ABOVE, CREST ELEVATION												
	10-8	8-6	6-4	4-2	2-0								
	PERCENT OF TOTAL SEDIMENT LOCATED WITHIN DEPTH DESIGNATION												
10-25-57	0	7	40	37	16								
11-10-63	0	4	20	35	41								
10-25-67	0	4	18	36	42								

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														
11-4-56	17	31	29	19	4	0									
11-10-63	15	26	28	22	7	1	1								
10-25-67	15	26	27	22	7	1	1	1							

45. RANGE IN RESERVOIR OPERATION							
WATER YEAR	MAX. ELEV.	MIN. ELEV.	INFLOW, AC.-FT.	WATER YEAR	MAX. ELEV.	MIN. ELEV.	INFLOW, AC.-FT.
1954		34.8		1966	41.92	40.4	.32
1955	41.02	37.8	1.51	1967	41.83	40.3	.82
1956	38.26	37.8	.03	1968	42.93	39.6	1.42
1957	40.69	38.4	1.60	1969	--	--	0
1958	38.81	38.4	.03	1970	37.92	36.9	.10
1959	39.60	38.6	.71				
1960	39.00	38.8	.04				
1961	41.25	39.2	1.59				
1962	40.77	39.2	.31				
1963	40.68	39.4	.57				
1964	42.11	39.8	.86				
1965	42.69	40.5	1.45				

46. ELEVATION-AREA-CAPACITY DATA								
ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY
<u>ORIGINAL CAPACITY 1953</u>			<u>CAPACITY 1970</u>					
34.8	0	0	36.9	0	0			
35	.04	.004	39	.17	.17			
37	.13	.15	41	.33	.66			
39	.25	.54	43	.51	1.51			
41	.40	1.19	45	.67	2.68			
43	.53	2.13						
45	.69	3.34						

47. REMARKS AND REFERENCES

1/ From National Weather Service Record at Fruita, Colo.

2/ Inflow amounts recorded during April 1 to Nov. 1 season. This generally includes most of the inflow for the year.

3/ Capacity increase.

Lusby, G. C., Turner, G. T., Thompson, J. R., and Reid, V. H., Hydrologic and biotic characteristics of grazed and ungrazed watersheds of Badger Wash basin in western Colorado, 1953-58; U.S. Geol. Survey Water-Supply Paper 1532-B, 1963

Lusby, G. C., Reid, V. H., and Knipe, O. D., Effects of grazing on the hydrology and biology of the Badger Wash basin in western Colorado, 1953-66; U.S. Geol. Survey open-file report.

48. AGENCY MAKING AVAILABLE USGS

49. AGENCY SUPPLYING DATA USGS

50. DATE November 1971

RESERVOIR SEDIMENT
DATA SUMMARY

SCS-34 Rev. 6-66

Prairie Dog (4A)--Cont.

NAME OF RESERVOIR

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

63-6a

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															
WATERSHED	17. LENGTH OF RESERVOIR				MILES		AV. WIDTH OF RESERVOIR				MILES				
	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.-FT.		
	21. MAX. ELEV.			MIN. ELEV.			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.						
	11-10-63		2.0	10.0	Range D	5	.63	2.17	3.10						
	11-5-64		1.0	11.0	"	5	.62	2.03	2.90						
	11-4-65		1.0	12.0	"	5	"	1.82	2.60						
	11-3-66		1.0	13.0	"	7	"	1.91	2.73						
	10-25-67		1.0	14.0	"	7	"	1.80	2.57						
	11-9-68		1.0	15.0	"	7	"	1.66 ^{4/}	2.37						
	6-4-70		1.6	16.6	"	8	"	2.52 ^{4/}	3.60						
	10-29-70		0.4	17.0	"	5	"	2.50	3.57						
	26. DATE OF SURVEY		34. PERIOD ANNUAL PRECIPITATION		35. PERIOD WATER INFLOW, ACRE-Feet ^{2/}			36. WATER INFL. TO DATE, AC.-FT.							
	11-10-63		16.1		a. MEAN ANNUAL	.44	b. MAX. ANNUAL	.58	c. PERIOD TOTAL	.89	a. MEAN ANNUAL	.75	b. TOTAL TO DATE	7.47	
	11-5-64		5.0		.86	.86	.86	.86	.76	.76	.82	.75	8.33		
	11-4-65		10.0		1.45	1.45	1.45	1.45	.82	.82	.75	.75	9.78		
	11-3-66		5.7		0	0	0	0	.76	.76	.75	.75	9.78		
	10-25-67		16.0		.82	.82	.82	.82	.76	.76	.75	.75	10.60		
11-9-68		17.3		1.67	1.67	1.67	1.67	.82	.82	.75	.75	12.27			
6-4-70		16.0		0	0	0	0	.74	.74	.75	.75	12.27			
10-29-70		11.78		.25	.10	.10	.10	.73	.73	.75	.75	12.37			
26. DATE OF SURVEY		37. PERIOD CAPACITY LOSS, ACRE-Feet			38. TOTAL SED. DEPOSITS TO DATE, ACRE-Feet										
11-10-63		a. PERIOD TOTAL	.11	b. AV. ANNUAL	.05	c. PER SQ. MI.-YEAR	2.27	a. TOTAL TO DATE	.88	b. AV. ANNUAL	.09	c. PER SQ. MI.-YEAR	4.09		
11-5-64		.14	.14	.14	.14	6.36	6.36	1.02	1.02	.09	.09	4.09			
11-4-65		.21	.21	.21	.21	9.55	9.55	1.23	1.23	.10	.10	4.55			
11-3-66		-.09 ^{3/}	-.09 ^{3/}	-.09 ^{3/}	-.09 ^{3/}	--	--	1.23	1.23	.09	.09	4.09			
10-25-67		.11	.11	.11	.11	5.50	5.50	1.34	1.34	.10	.10	4.55			
11-9-68		0.14	0.14	0.14	0.14	8.36	8.36	1.48	1.48	.09	.09	4.55			
6-4-70		0	0	0	0	7.939	7.939	1.48	1.48	.09	.09	4.05			
10-29-70		.02	.02	.02	.02	2.27	2.27	1.50	1.50	.09	.09	4.05			
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							
11-10-63		90*		a. PERIOD	4,900	b. TOTAL TO DATE	8,017	a. AV. ANN.	2.95	b. TOT. TO DATE	28.85	a. PERIOD	178,254	b. TOT. TO DATE	169,910
11-5-64		"		12,474	8,017	2.95	33.44	2.95	33.44	234,806	176,609	234,806	176,609		
11-4-65		"		18,711	8,919	3.28	40.33	3.28	40.33	208,897	181,394	208,897	181,394		
11-3-66		"		--	8,017	2.95	40.33	2.95	40.33	--	181,394	--	181,394		
10-25-67		"		9,801	8,919	3.28	43.93	3.28	43.93	193,490	182,329	193,490	182,329		
11-9-68		"		10,494	8,017	3.28	48.52	3.28	48.52	101,725	173,970	101,725	173,970		
6-4-70		"		--	7,939	2.95	48.52	2.95	48.52	--	173,970	--	173,970		
10-29-70		"		4,455	7,939	2.95	49.18	2.95	49.18	576,953	174,895	576,953	174,895		

*Assumed

4/ Reservoir cleaned in June 1970.

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. ELEVATION-AREA-CAPACITY DATA															
ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY							
47. REMARKS AND REFERENCES															
48. AGENCY MAKING SURVEY															
49. AGENCY SUPPLYING DATA USGS															
50. DATE _____															

RESERVOIR SEDIMENT
DATA SUMMARY

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

SCS-34 Rev. 6-66

Prairie Dog (4-A)-Cont.

NAME OF RESERVOIR

63-6b

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																			
	b. MULTIPLE USE																			
	c. POWER																			
	d. WATER SUPPLY								3.05		16. DATE NORMAL OPER. BEGAN									
	e. IRRIGATION																			
	f. CONSERVATION																			
	g. INACTIVE										12-1953									
WATERSHED	17. LENGTH OF RESERVOIR				MILES				AV. WIDTH OF RESERVOIR				MILES							
	18. TOTAL DRAINAGE AREA				.022				SQ. MI.				22. MEAN ANNUAL PRECIPITATION				INCHES			
	19. NET SEDIMENT CONTRIBUTING AREA				.022				SQ. MI.				23. MEAN ANNUAL RUNOFF				INCHES			
	20. LENGTH		MILES		AV. WIDTH		MILES		24. MEAN ANNUAL RUNOFF		.70		AC.-F.T.							
	21. MAX. ELEV.		MIN. ELEV.		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.							
	10-28-71		1.0	18.0	Range D		7		.62		2.44		3.48							
	11-10-72		1.0	19.0	"		8		.62		2.41		3.44							
	10-17-73		1.0	20	"		8		.62		2.42		3.46							
	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							
	10-28-71		11.95		.44		.44		.44		.71		12.81							
	11-10-72		7.92		.39		.39		.39		.69		13.20							
	10-17-73		9.87		.01		.01		.01		.66		13.21							
	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								
10-28-71		.06		.06		2.73		1.56		.09		4.09								
11-10-72		.03		.03		1.36		1.59		.09		4.09								
10-17-73		0		0		0		1.59		.08		3.61								
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						
10-28-71		90*		5,351		8,017		2.95		51.1		--		--						
11-10-72		"		2,666		8,017		2.95		52.1		--		--						
10-17-73		"		0		7,076		2.60		52.1		--		--						

*Assumed

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. ELEVATION-AREA-CAPACITY DATA															
ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY							
47. REMARKS AND REFERENCES															
48. AGENCY MAKING SURVEY				U. S. Geological Survey				50. DATE <u>January 1977</u>							
49. AGENCY SUPPLYING DATA															