

U.S. DEPARTMENT OF AGRICULTURE  
**RESERVOIR SEDIMENTATION  
DATA SUMMARY**

Sandstone Creek No. 1  
NAME OF RESERVOIR

SOIL CONSERVATION SERVICE  
50-27  
DATA SHEET NO.

DAM	1. OWNER <b>Bob Alice</b>			2. RIVER <b>Wildcat Creek</b>			3. STATE <b>Oklahoma</b>				
	4. SEC. <b>35-36 TWP. 13N</b> RANGE <b>22W</b>			5. NEAREST-TOWN <b>Hammon</b>			6. COUNTY <b>Roger Mills</b>				
	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	<u>1/</u> 87.0	124.72		1591.29	5-16-51					
	b. POWER										
	c. WATER SUPPLY										
	d. IRRIGATION					16. DATE NORMAL OPER. BEGAN					
	e. CONSERVATION										
	f. INACTIVE	78.4	72.49		760.50	5-16-51					
WATERSHED	17. LENGTH OF RESERVOIR 0.96 MILES			AV. WIDTH OF RESERVOIR 0.11 MILES							
	18. TOTAL DRAINAGE AREA 5.33 SQ. MI.			22. MEAN ANNUAL PRECIPITATION 25.00 INCHES							
	19. NET SEDIMENT CONTRIBUTING AREA 5.22 SQ. MI.			23. MEAN ANNUAL RUNOFF 1.20 INCHES							
	20. LENGTH 2.71 MILES; AV. WIDTH 1.97 MILES			24. MEAN ANNUAL RUNOFF 334 AG.-FT.							
	21. MAX. ELEV.			MIN. ELEV.			25. CLIMATIC CLASSIFICATION <b>Subhumid</b>				
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 <sub>w</sub> RATIO AC.-FT. PER SQ. MI.			
	5-16-51	0	0	Detail Rnge. & Topog	12	72.49	760.50	142.68			
	4-1-56	4.96	4.96			(124.72)	(1591.29)	298.55			
	5-24-60	4.06	9.02			(124.72)	(1653.69)	(272.74)			
						72.49	549.68	103.13			
						(124.72)	(1380.47)	259.00			
	SURVEY DATA	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			
	SURVEY DATA	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			
5-16-51		-	-	-	-	-	-				
4-1-56		137.60 (137.60)	27.74 (27.74)	5.31 (5.31)	137.60 (137.60)	27.74 (27.74)	5.31 (5.31)				
5-24-60	73.23 (73.23)	18.04 (18.04)	3.46 (3.46)	210.83 (210.83)	23.37 (23.37)	4.48 (4.48)					
SURVEY DATA	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			
	4-1-56	61.49	7111	7111	3.65 (1.74)	18.09 (8.65)					
5-24-60	83.11	6263	8109	3.07 (1.47)	27.72 13.25						

1/ 87.0 assumed = 1864.20 new corrected elevation.

26. DATE OF SURVEY	43. DEPT. DESIGNATION RANGE IN FEET ABOVE, AND BELOW, CREST ELEVATION										
	87-83.4	83.4-78.4	78.4-75.4	75.4-71.4	71.4-67.4	67.4-63.4	63.4-59.4	59.4-55.4	55.4-51.4	51.4-47.4	47.4-43.4
	PERCENT OF TOTAL SEDIMENT LOCATED WITHIN DEPTH DESIGNATION										
5-16-51											
5-24-60	0	0	3	16	20	16	19	16	9	1	

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. Capacity 1960 ELEVATION-AREA-CAPACITY DATA								
ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY
87.0	124.72	1380.47						
83.4	99.26	978.17						
78.4	72.49	549.68						
75.4	56.41	356.83						
71.4	34.51	177.23						
67.4	19.97	67.86						
63.4	8.91	13.71						

47. REMARKS AND REFERENCES

Soil Conservation Service  
Stillwater, Okla.

48. AGENCY SUPPLYING DATA

49. DATE March 26, 1962

## Continuation

U. S. Department of Agriculture

Soil Conservation Service

50-27

Data Sheet No.

## Sandstone Creek No. 1

## 46. ELEVATION - AREA - CAPACITY DATA

## 1956 Capacity

<u>Elevation</u>	<u>Area</u>	<u>Capacity</u>	<u>Elevation</u>	<u>Area</u>	<u>Capacity</u>
87.0	124.72	1453.69	55.4	.06	0
83.4	99.26	1051.40			
78.4	72.49	622.91			
75.4	59.02	425.99			
71.4	38.59	232.70			
67.4	22.02	112.42			
63.4	11.61	46.43			
59.4	6.35	11.12			

## 1960 Capacity

<u>Elevation</u>	<u>Area</u>	<u>Capacity</u>
87.0	124.72	1380.47
83.4	99.26	978.17
78.4	72.49	549.68
75.4	56.41	356.83
71.4	34.51	177.23
67.4	19.97	67.86
63.4	8.91	13.71
59.4	0.17	0

**RESERVOIR SEDIMENT  
DATA SUMMARY**

SCS-34 Rev. 6-62

**Sandstone Site No. 1**

NAME OF RESERVOIR

U. S. DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE

50-27a

DATA SHEET NO.

DAM	1. OWNER <b>Bob Allee</b>				2. STREAM <b>Washita</b>		3. STATE <b>Oklahoma</b>									
	4. SEC. <b>35-36 TWP. 13N RANGE 22W</b>				5. NEAREST TOWN <b>Hammon</b>		6. COUNTY <b>Roger Mills</b>									
	7. STREAM BED ELEVATION				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. MULTIPLE USE										16. DATE NORMAL OPER. BEGAN					
	b. FLOOD CONTROL		1/ 87.0		124.72		830.79		1591.29							
	c. POWER															
	d. WATER SUPPLY															
	e. IRRIGATION															
	f. CONSERVATION															
	g. SEDIMENT															
	h. INACTIVE		78.4		72.49		760.50		760.50		5-16-51					
17. LENGTH OF RESERVOIR <b>0.96</b> MILES				AV. WIDTH OF RESERVOIR <b>0.11</b> MILES												
WATERSHED	18. TOTAL DRAINAGE AREA <b>5.33</b> SQ. MI.				22. MEAN ANNUAL PRECIPITATION <b>25.00</b> INCHES											
	19. NET SEDIMENT CONTRIBUTING AREA <b>5.22</b> SQ. MI.				23. MEAN ANNUAL RUNOFF <b>1.20</b> INCHES											
	20. LENGTH <b>2.71</b> MILES		AV. WIDTH <b>1.97</b> MILES		24. MEAN ANNUAL RUNOFF <b>341</b> AC.-FT.											
	21. MAX. ELEV.		MIN. ELEV.		25. CLIMATIC CLASSIFICATION <b>Subhumid</b>											
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.	
	5-16-51		0		0		Detail Rnge. & Topog		12		72.49		760.50		142.68	
	4-1-56		4.96		4.96						(124.72)		(1591.29)		(298.55)	
	5-24-60		4.06		9.02		(D)		CI-4'		72.49		622.91		116.87	
	8-3-65		5.02		14.04						(124.72)		(1453.69)		(272.74)	
											(124.72)		549.68		103.13	
											(1380.47)		(259.00)			
											69.36		525.34		98.56	
											(124.72)		(1344.75)		(252.30)	
	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			
	5-16-51		-		-		-		-		-		-			
4-1-56		137.60 (137.60)		27.74 (27.74)		5.31 (5.31)		137.60 (137.60)		27.74 (27.74)		5.31 (5.31)				
5-24-60		73.23 (73.23)		18.04 (18.04)		3.46 (3.46)		210.83 (210.83)		23.37 (23.37)		4.48 (4.48)				
8-3-65		24.34 (35.72)		4.85 (7.12)		0.93 (1.36)		235.17 (246.55)		16.75 (17.56)		3.21 (3.36)				
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. TOT. TO DATE		a. PERIOD		b. TOT. TO DATE				
4-1-56		61.49		7111		7111		3.65 (1.74)		18.09 (8.65)						
5-24-60		83.11		6263		8109		3.07 (1.47)		27.72 (13.25)						
8-3-65		83.11		1683 (2462)		5810		2.20 (1.10)		30.92 (15.49)						

1/ 87.0 assumed = 1864.20 new corrected elevation.

87- 83.4- 78.4- 75.4- 71.4- 67.4- 63.4- 59.4- 55.4- 51.4-

26. DATE OF SURVEY	43. DEPTH DESIGNATION RANGE IN FEET ABOVE, AND BELOW, CREST ELEVATION										
	83.4	78.4	75.4	71.4	67.4	63.4	59.4	55.4	51.4	50	
	PERCENT OF TOTAL SEDIMENT LOCATED WITHIN DEPTH DESIGNATION										
5-16-51											
5-24-60	0	0	3	16	20	16	19	16	9	1	
8-3-65	0	5	5	13	18	16	20	14	8	1	

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.
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46. Original Capacity								
ELEVATION-AREA-CAPACITY DATA								
ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY
87.0	124.72	1591.29	51.4	2.83	2.17	71.4	34.29	160.12
83.4	99.26	1188.99	50.0	.09	0	69.4	26.23	99.48
78.4	72.49	760.50	Capacity 1965			67.4	19.96	53.20
75.4	60.24	561.69	87.0	124.72	1344.75	65.4	11.55	21.92
71.4	46.89	348.52	83.4	99.26	942.45	63.4	6.32	4.23
67.4	29.27	197.95	80.4	79.51	674.84	62.0	0	0
63.4	16.10	108.73	78.0	69.36	525.34	No 1960 or 1956 capacity because it was computed by End Area Method.		
59.4	10.71	55.61	75.4	54.20	340.47			
55.4	6.84	20.88	73.4	45.68	240.22			

47. REMARKS AND REFERENCES  
 Land Use: 96% Pasture; 3% Cultivation; 1% Miscellaneous.  
 Geology: Cloud Chief Formation 38%, Doxey Shale 62%  
 Quartermaster Formation

( ) Includes sediment and flood pool

48. AGENCY MAKING SURVEY Soil Conservation Service  
 49. AGENCY SUPPLYING DATA Stillwater, Oklahoma  
 50. DATE 12-1-65

RESERVOIR SEDIMENT  
DATA SUMMARY

Sandstone Site No. 1

U. S. DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE

SCS-34 Rev. 6-66

NAME OF RESERVOIR

50- 27b

DATA SHEET NO.

DAM	1. OWNER <b>Bob Ailee</b>		2. STREAM <b>Washita</b>		3. STATE <b>Oklahoma</b>				
	4. SEC. <b>35-36</b> TWP. <b>13N</b> RANGE <b>22W</b>		5. NEAREST P.O. <b>Hammon</b>		6. COUNTY <b>Roger Mills</b>				
	7. LAT. <b>99° 30' 0"</b> LONG. <b>95° 34' 0"</b>		8. TOP OF DAM ELEVATION <b>1866.59</b>		9. SPILLWAY CREST ELEV. <b>1861.59</b>				
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>1861.59</b>	<b>124.72</b>	<b>830.79</b>	<b>1591.29</b>	<b>5-16-51</b>			
	b. MULTIPLE USE								
	c. POWER								
	d. WATER SUPPLY					16. DATE NORMAL OPER. BEGAN			
	e. IRRIGATION								
	f. CONSERVATION								
g. INACTIVE <b>1/</b>	<b>1852.99</b>	<b>72.49</b>	<b>760.50</b>	<b>760.50</b>	<b>5-16-51</b>				
WATERSHED	17. LENGTH OF RESERVOIR <b>0.96</b> MILES		AV. WIDTH OF RESERVOIR <b>0.11</b> MILES						
	18. TOTAL DRAINAGE AREA <b>5.33</b> SQ. MI.		22. MEAN ANNUAL PRECIPITATION <b>25.00</b> INCHES						
	19. NET SEDIMENT CONTRIBUTING AREA <b>5.22</b> SQ. MI.		23. MEAN ANNUAL RUNOFF <b>1.20</b> INCHES						
	20. LENGTH <b>2.71</b> MILES		AV. WIDTH <b>1.97</b> MILES		24. MEAN ANNUAL RUNOFF <b>341</b> AC.-FT.				
	21. MAX. ELEV. <b>2079</b>		MIN. ELEV. <b>1824.59</b>		25. ANNUAL TEMP.: MEAN <b>59.6°</b> RANGE <b>24° - 96°</b>				
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.	
	<b>7-2-70</b>	<b>4.92</b>	<b>18.96</b>	<b>Range Contour (D)</b>	<b>12 R 2' C.I.</b>	<b>72.43 (124.37)</b>	<b>521.06 (1338.82)</b>	<b>1.53 (3.93)</b>	
	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 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		
	<b>7-2-70</b>	<b>4.28 (5.93)</b>	<b>0.87 (1.21)</b>	<b>0.17 (0.23)</b>	<b>239.44 (252.47)</b>	<b>12.63 (13.32)</b>	<b>2.42 (2.55)</b>		
	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		
<b>7-2-70</b>	<b>67 Sed P(3) 86 Det P(2) A</b>	<b>248 (360)</b>	<b>3531 (3775)</b>	<b>1.66 (.84)</b>	<b>31.48 (15.87)</b>				

weighted Avg. = 83 lbs/cy

26. DATE OF SURVEY	43. DEPTH DESIGNATION RANGE IN FEET BELOW, AND ABOVE, CREST ELEVATION												
	87	83	78.4	75	71	67	63	51					
	PERCENT OF TOTAL SEDIMENT LOCATED WITHIN DEPTH DESIGNATION												
7-2-70	2.0	3.2	5.2	9.5	20.2	17.1	42.8						

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. 1970 Capacity			ELEVATION-AREA-CAPACITY DATA					
ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY
87.0	124.37	1338.82	71.0	32.05	146.20			
85.0	110.39	1104.20	69.0	24.80	89.51			
83.0	96.69	897.27	67.0	18.21	46.66			
81.0	80.74	720.08	65.0	12.97	15.63			
78.4	72.43	521.06	63.0	3.08	0.72			
77.0	62.28	426.85						
75.0	52.32	312.40						
73.0	41.12	219.18						

47. REMARKS AND REFERENCES  
 1/ Sediment pool  
 Land Use: 0.5 cropland 98.5 Pasture-Range 1.0 Misc. - 1970  
 Geology: 38% cloud chief FM 62% Doxey Shale Quartermaster FM  
 Land Resource Area: Central Rolling Red Plains  
 ( ) Figures enclosed in parentheses include sediment and flood pool.  
 Three grade stabilization structures built in 1964 reduce drainage area approximately 50%.  
 1956, 1960, 1965 surveys on attached sheet.

48. AGENCY MAKING SURVEY Oklahoma Watershed Planning Staff  
 49. AGENCY SUPPLYING DATA S.C.S. U.S.D.A.  
 50. DATE November 17, 1970





26. DATE OF SURVEY	43. DEPTH DESIGNATION RANGE IN FEET BELOW, AND ABOVE, CREST ELEVATION														
	PERCENT OF TOTAL SEDIMENT LOCATED WITHIN DEPTH DESIGNATION														
8-3-65	0	5	5	13	18	16	20	14	8	1					
7-2-70	2.0	3.2	5.2	9.5	20.2	17.1	42.8								
6-18-80	3	4	6	6	18	25	38								
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							
See attached sheet.															
47. REMARKS AND REFERENCES															
Land Use: 0.5% cropland, 98.5% pasture-range, 1.0% Miscellaneous - 1970 and 1980															
Geology: 38% cloud chief FM 62% Doxey Shale Quartermaster FM															
Land Resource Area: Central Rolling Red Plains															
( ) Figures enclosed in parentheses include sediment and flood pool															
Three grade stabilization structures built in 1964 reduce drainage area approximately 50%															
* Assumed															
<u>1/</u> Local datum, not m.s.l.															
48. AGENCY MAKING SURVEY															
49. AGENCY SUPPLYING DATA Soil Conservation Service															
50. DATE _____															

Sandstone Site No. 1

26. Date of Survey	37a. Period Tot.	37b. Av. Annual	37c. Per SqMi-Yr	38a. Tot to Date	38b. Av. Annual	38c. Per SqMi-Yr
7-2-70	4.28 (5.93)	0.87 (1.21)	0.17 (0.23)	239.44 (252.47)	12.63 (13.32)	2.42 (2.55)
6-18-80	24.19 (30.72)	2.43 (3.08)	0.47 (0.59)	263.63 (283.19)	9.12 (9.97)	1.75 (1.91)

26. Date of Survey	39. Av. Dry Wgt. # Per CuFt.	40a. Period	40b. Tot. to Date	41a. Av. Ann.	41b. Tot. to Date	Period	Tot. to Date
7-2-70	67 Sed P(3)	248	3531	1.66	31.48		
used 76.5	86 Det P(2)	(360)	Used (3775)	(.84)	(15.87)		
6/18/80	68 Sed P(5)	790	68 2592	1.20	34.67		
	92 Det P(3)	(1074)	68.5 (2852)	(0.63)	(17.80)		

Original Capacity 1951 1/

1965 Capacity

Elevation	Area	Capacity	Elevation	Area	Capacity
87.0	124.72	1591.29	87.0	124.72	1344.75
83.4	99.26	1188.99	83.4	99.26	942.45
78.4	72.49	760.50	80.4	79.51	674.84
75.4	60.24	561.69	78.0	69.36	525.34
71.4	46.89	348.52	75.4	54.20	340.47
67.4	29.27	197.95	73.4	45.68	240.22
63.4	16.10	108.73	71.4	34.29	160.12
59.4	10.71	55.61	69.4	26.23	99.48
55.4	6.84	20.88	67.4	19.96	53.20
51.4	2.83	2.17	65.4	11.55	21.92
50.0	.09	0	63.4	6.32	4.23
			62.0	0	0

No 1956 or 1960 Capacity because it was computed by End Area Method.

1970 Capacity

1980 Capacity

Elevation	Area	Capacity	Elevation	Area	Capacity
87.0	124.37	1338.82	87.0	124.31	1308.10
85.0	110.39	1104.20	85.0	108.96	1074.88
83.0	96.69	897.27	83.0	96.67	869.27
81.0	80.74	720.08	81.0	79.86	692.27
78.4	72.43	521.06	78.4	70.98	496.87
77.0	62.28	426.85	77.0	63.31	402.85
75.0	52.32	312.40	75.0	52.17	287.49
73.0	41.12	219.18	73.0	43.12	192.30
71.0	32.05	146.20	71.0	31.78	117.65
69.0	24.80	89.51	69.0	24.73	61.26
67.0	18.21	46.66	67.0	17.61	19.10
65.0	12.97	15.63	65.0	1.69	2.59
63.0	3.08	0.72	63.0	0.86	0.09