

# SEDIMENT DEPOSITION IN U.S. RESERVOIRS

SUMMARY OF DATA REPORTED  
THROUGH 1975



UNITED STATES  
DEPARTMENT OF  
AGRICULTURE

MISCELLANEOUS  
PUBLICATION  
NUMBER 1362

PREPARED BY  
AGRICULTURAL  
RESEARCH  
SERVICE

# **SEDIMENT DEPOSITION IN U.S. RESERVOIRS**

## **Summary of Data Reported Through 1975**

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**U.S. Department of Agriculture  
Miscellaneous Publication No. 1362**

**Prepared for publication by the  
Agricultural Research Service,  
U.S. Department of Agriculture,  
under the auspices of the  
Sedimentation Committee, Water Resources Council,  
acting in behalf of the following participating Federal agencies:**

**DEPARTMENT OF AGRICULTURE**  
Agricultural Research Service  
Forest Service  
Soil Conservation Service

**DEPARTMENT OF THE ARMY**  
Corps of Engineers

**DEPARTMENT OF COMMERCE**  
National Oceanic and  
Atmospheric Administration

**DEPARTMENT OF THE INTERIOR**  
Bureau of Mines  
Bureau of Reclamation  
Geological Survey

**DEPARTMENT OF TRANSPORTATION**  
Federal Highway Administration

**ENVIRONMENTAL PROTECTION AGENCY**  
**FEDERAL POWER COMMISSION**  
**TENNESSEE VALLEY AUTHORITY**

## ACKNOWLEDGMENT

Personnel in many Federal, State, and local government agencies made the engineering surveys and provided the reservoir data sheets summarized in this publication and contained in the supplement. Their efforts are gratefully acknowledged.

This publication supersedes and updates USDA Miscellaneous Publication No. 1266, "Summary of Reservoir Sediment Deposition Surveys Made in the United States Through 1970," published in 1973.

Washington, D.C.

Issued February 1978

## ABSTRACT

SEDIMENT DEPOSITION IN U.S. RESERVOIRS: SUMMARY OF DATA REPORTED THROUGH 1975. F. E. Dendy and W. A. Champion (compilers). U.S. Dep. Agric. Misc. Publ. No. 1362, 82 pp.

The reservoirs are grouped by drainage basins, the boundaries of which are shown on an index map. Summary data include reservoir locations, survey dates, drainage areas, reservoir storage capacities, ratio of reservoir capacities to average annual inflows, specific weights (dry) of sediment deposits, and average annual sediment-accumulation rates. This publication supersedes and updates USDA Miscellaneous Publication No. 1266, "Summary of Reservoir Sediment Deposition Surveys Made in the United States Through 1970."

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An example of a completed form for reporting reservoir sediment data appears on p. 81. A blank form, to be torn out, appears at the end of the publication.

## INTRODUCTION

Data from known reservoir sedimentation surveys made in the United States through 1975 are summarized in this publication. The accuracy of the survey data varies greatly. The field surveys ranged from reconnaissance measurements of sediment depth at a few locations to detailed surveys based on closely spaced cross sections or contours. No attempt was made to classify the surveys according to degree of accuracy.

This publication supersedes USDA Miscellaneous Publication No. 1266,<sup>1</sup> and all reservoir surveys reported in MP 1266 are repeated herein. In addition, this summary includes surveys made before 1970, but not previously reported, and new data on reservoirs surveyed or resurveyed since 1970. Data on storage reservoirs, ponds, and debris basins are included. The structures are located in all of the 48 conterminous States except Florida and in Puerto Rico.

Detailed information about each of the reservoirs listed in the summary table is given in a supplement to this publication or in supplements to previous editions. Because of their

bulk and because the detailed information is not of general interest, the supplements are not distributed to all recipients of this publication. Copies are available in the offices of the agencies represented on the Sedimentation Committee of the Water Resources Council. Reprints of data sheets for specific reservoirs may be obtained on request from the Director, USDA Sedimentation Laboratory, Agricultural Research Service, P.O. Box 1157, Oxford, Miss. 38655. Requests for information not contained in this summary or in the supplements should be directed to the agency supplying the data.

Information in this publication and in the supplements should prove useful to engineers and watershed planning specialists in private and public practice who are concerned with problems of reservoir sedimentation. Engineers, engineering firms, and local government agencies who have data on similar reservoir sedimentation surveys are invited to make this information available to the Sedimentation Committee for inclusion in future editions of this publication.

## EXPLANATION OF SUMMARY TABLE

Dashes in columns of the table signify that data were unavailable or that the column was not applicable for the reservoir.

Reservoirs are grouped by drainage basins. Drainage-basin boundaries, established by the Subcommittee on Hydrology, Federal Inter-Agency Committee on Water Resources, are shown on the index map. The first of the hyphenated data-sheet numbers identifying a reservoir in the summary table indicates the drainage basin in which it is located. The second number, assigned as the data were summarized, identifies a particular reservoir within a basin. The same identifying numbers are shown on the

individual reservoir data sheets in the supplements. When a survey data sheet is revised or when another sheet is prepared with additional survey data, the identification number is modified by the addition of letters beginning with a; for example, 13-2, 13-2a, 13-2b, etc.

Total drainage area includes the reservoir area and the area lying above all upstream dams but generally excludes noncontributing drainage areas lying within the watershed boundary. Where available, drainage areas published in the Water-Supply Papers of the U.S. Geological Survey are usually used. The net drainage area is the sediment-contributing area and generally excludes the reservoir area, drainage areas above upstream reservoirs, and other structures that are effective sediment traps.

The first date shown usually corresponds to

<sup>1</sup> Dendy, F. E., and Champion, W. A. (compilers). 1973. Summary of reservoir sediment deposition surveys made in the United States through 1970. U.S. Dep. Agric. Misc. Publ. No. 1266, 82 pp.

the beginning of storage, when sediment deposition began. However, for some reservoirs the first date is the date of the first survey made after the reservoir had been in operation for some time.

For most reservoirs, the storage capacity given is the total storage below the level of the crest of an ungated spillway or below the level of the tops of gates (less gate-height freeboard, if any) of gated spillways. Where capacity values below the spillway-crest elevation are given, footnotes are used to explain.

In calculating the ratio of reservoir capacity to average annual inflow (C/I ratio), the average annual inflow for the entire period of record was normally used. This period may or may not correspond to the period for which sediment accumulation is given in the data sheets. Generally, C/I ratios are not given if upstream structures controlled 25 percent or more of the drainage area.

The specific weight (dry) of sediment deposits is an average or weighted value for the reservoir, usually determined from samples. Because of variations in depth and location within the reservoir, specific weight is generally an approximation. The entry is marked by an asterisk where it was assumed or calculated from the size-frequency gradation of deposits.

The average annual sediment-accumulation

rate (acre-feet and tons per square mile of net drainage area) pertains to sediment deposited in the reservoir below the full-pool elevation. Sediment deposited in deltas above full-pool level or discharged from the reservoir is not included unless explained by footnote. When the latest survey of previously surveyed reservoirs indicated an increase in the specific weight of deposited sediment, the annual sediment-accumulation rate in tons per square mile was not always computed in the same manner. For some reservoirs, compaction of earlier sediment was considered, and for others it was not.

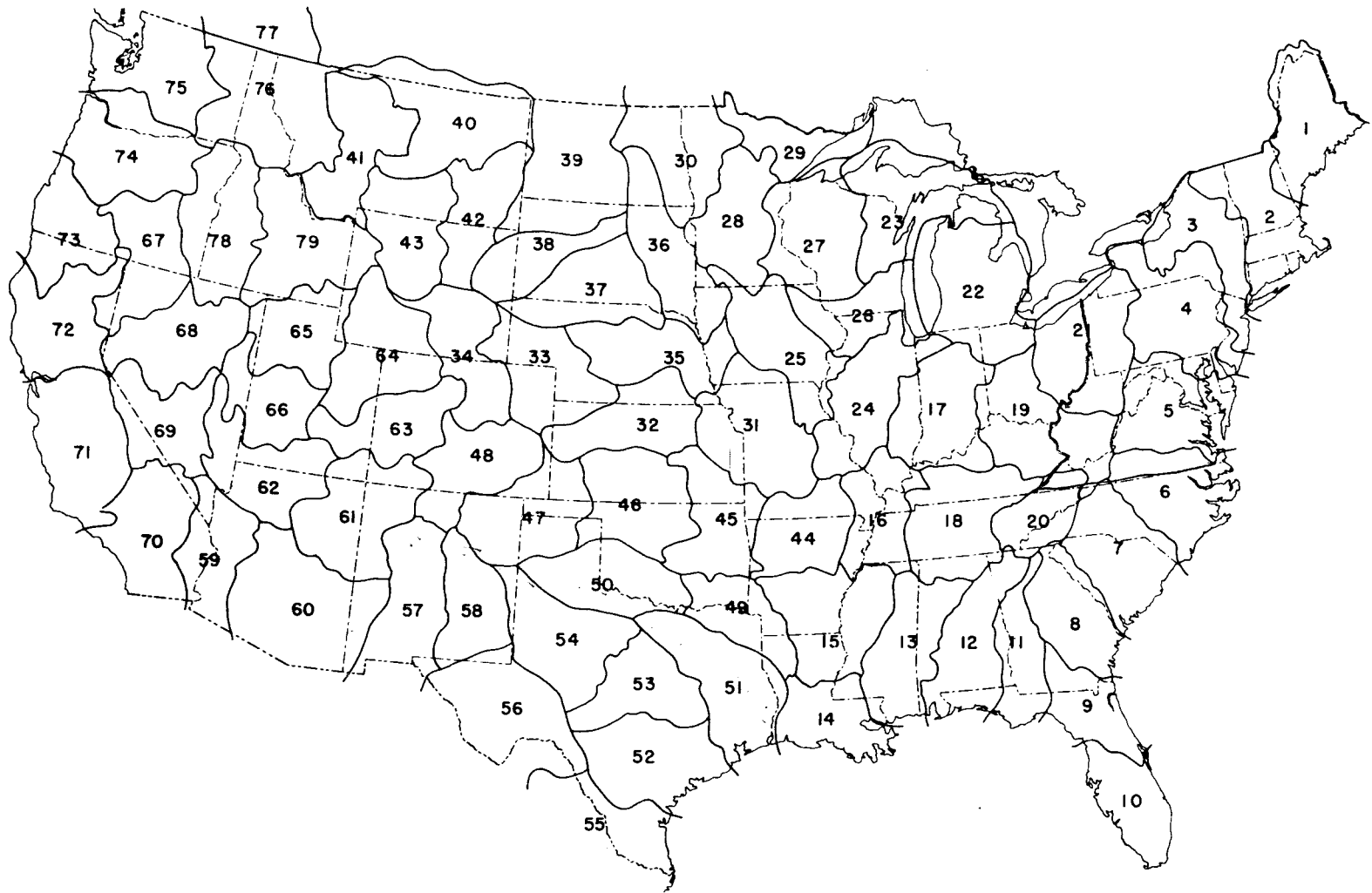
The agency supplying the data is shown in the last column of the table. This agency either has the basic data available or has access to it through cooperative arrangements. Symbols used in this column denote the following agencies:

ARS	Agricultural Research Service
BR	Bureau of Reclamation
CE	Corps of Engineers
FS	Forest Service
GS	Geological Survey
IWS	Illinois State Water Survey
ODW	Ohio Department of Natural Resources— Division of Water
SCS	Soil Conservation Service
TVA	Tennessee Valley Authority

## REPORTING RESERVOIR SEDIMENT DATA

A sample of a completed "Reservoir Sediment Data Summary" form is shown at the end of this publication. This sheet is a convenient and standard form for reporting results of reservoir surveys. Readers, particularly engineers in private practices, in engineering firms, or in local government agencies, are invited to prepare sheets covering surveys known to them but not included in this publication. A blank form is

enclosed as a tear sheet at the end of this publication. Additional data sheets may be obtained from the Washington, D.C., offices of the Departments listed on the title page, or the form may be reproduced if desired. The completed forms may be sent to any of the government agencies represented on the Sedimentation Committee for inclusion in later editions of this publication.



*Index number corresponds to first of two numbers  
in summary table, which appear in column headed  
"Data Sheet No."*

**INDEX MAP OF  
RIVER BASINS**



**SUMMARY OF  
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975**

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQ. MILES)		DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN		AGENCY SUPPLYING DATA
				TOTAL	NET						AC.-FT.	TONS	
ST. JOHN MACHIAS, PENOBSCOT, KENNEBEC, ANDROSCROGGIN, AND PRESUMPSCOT RIVER BASIN													
1-1	Little River Res. #2	Little River	Belfast, Me.	13.9	13.8	1913	--	456	.029	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			Oct. 1969	56	341	.021	*100	.15	326	
HOUSATONIC, CONNECTICUT, THAMES, AND MERRIMACK RIVER BASIN													
2-1	Broad Brook	Broad Brook River	Broad Brook, Conn.	5.13	--	1916	--	3,706	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			Sept 1951	35	3,652	--	* 50	.33	359	
2-2	Mountain Street	Trib. of Beaver Brook	Greenfield, Mass.	.8	--	1905	--	1,074.2	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			Sept 1951	46	1,056.1	--	* 50	.56	610	
2-3	Plants Pond	Eightmile Run	Plantsville, Conn.	15.76	--	Nov. 1850	--	105	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			Sept 1951	101	84.8	--	* 50	.01	11	
2-4	Southington Reservoir	Budd River	Southington, Conn.	1.08	--	1883	--	321.8	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			Sept 1951	68	314	--	* 50	.1	109	
2-5	Wallingford	Pine River	Wallingford, Conn.	8.98	--	1941	--	433.4	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			Sept 1951	10	430	--	* 50	.04	44	
2-6	West Whately	Avery Brook	West Whately, Mass.	9	--	1902	--	76.7	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			Sept 1951	49	71.2	--	* 50	.012	13	
2-7	Westfield	Moose Mountain Branch	Westfield, Mass.	2.52	--	1874	--	564.6	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			Sept 1951	77	546.8	--	* 50	.094	102	
HUDSON RIVER BASIN AND ST. LAWRENCE DRAINAGE IN NEW YORK													
3-1	Schoharie (Gilboa Dam)	Schoharie Creek	Prattsville, N. Y.	314	312.32	Aug. 1926	--	63,821	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			May 1950	23.8	62,702	--	* 60	1/.166	1/217	
3-2	Englishtown Pond	Weamaconk Creek	Englishtown, N. J.	7.2	7.19	1755	--	42.3	.005	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			Oct. 1955	200	13.5	.002	* 60	.02	26	
3-3	Carnegie Lake	Millstone River	Princeton, N. J.	155	47.8	Dec. 1907	--	1,256	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			Sept 1950	42.8	954	--	* 50	2/.2	218	
	-----do-----	-----do-----	-----do-----			1959	9	3/822	--	--	--	--	
3-4	Wappinger	Wappinger Creek	Wappinger Falls, N.Y.	197	--	1900	--	604.4	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			July 1952	52	461.6	--	* 50	.01	11	
3-5	Batavia Kill Site #4A	Trib. of Batavia Kill	Windham, N. Y.	6.8	6.65	June 1970	--	1,562.7	.216	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			Aug. 1973	3.2	1,561.92	.215	* 80	.036	64	
	-----do-----	-----do-----	-----do-----			Aug. 1975	5.2	1,561.88	.215	* 80	.003	5	
SUSQUEHANNA AND DELAWARE RIVER BASINS													
4-1b	Loch Raven Reservoir	Gunpowder Falls River	Towson, Md.	303	4/219.4	1914	--	5/70,169	.288	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			Oct. 1943	29	5/64,813	.266	* 60	4/.618	4/806	
	-----do-----	-----do-----	-----do-----			June 1961	18	64,072	.263	57.3	.188	253	
	-----do-----	-----do-----	-----do-----			Sept 1972	11	63,105	.259	70.9	.401	1367	
4-2a	Prettyboy	-----do-----	Herford, Md.	80	77.5	Apr. 1933	--	60,979	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			Oct. 1943	10.5	5/60,410	--	* 60	.699	913	
	-----do-----	-----do-----	-----do-----			Sept 1961	18	59,864	--	64.2	.391	547	
4-3	Griffin	Griffin Creek (Legget)	Scranton, Pa.	3.21	3.04	1888	--	1,991	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			May 1941	53	1,953	--	--	.237	--	
4-4	Elmhurst	Roaring Brook	-----do-----	34.85	34.55	1890	--	3,746	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			May 1941	51	3,686	--	--	.034	--	
4-5	Lake Williams	Codoros Creek	York, Pa.	42.9	42.6	1912	--	2,686	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			Apr. 1939	27	2,232	--	49.1	.394	421	
4-6	Williams Bridge	Stafford Meadow Brook	Scranton, Pa.	5	4.94	1893	--	1,051	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			May 1941	48	1,046	--	--	.022	--	
4-7a	Atkisson Reservoir	Winter's Run	Bel Air, Md.	45.46	45.35	1942	--	896.19	.025	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			1954	12	705.32	.019	* 60	.351	459	
	-----do-----	-----do-----	-----do-----			1965	11	617.06	.017	--	.177	231	
4-8a	Palto Dam	Dean Creek	Spencer, N. Y.	.41	.41	July 1955	--	56.04	.13	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			Aug. 1957	2	55.9	.129	* 80	.17	296	
	-----do-----	-----do-----	-----do-----			June 1956	8.9	55.6	.128	* 79.2	.083	141	
4-9a	Pylkas Dam	-----do-----	-----do-----	.71	.71	July 1955	--	187.31	.25	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			Aug. 1957	2	187.15	.25	* 80	.15	156	
	-----do-----	-----do-----	-----do-----			June 1966	8.9	186.7	.249	* 80	.068	119	
4-10	Columbia Dam	Pauline Kill River	Columbia, N. J.	171	171	July 1937	--	311.77	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			July 1957	20	241.19	--	* 64	.02	28	
4-11	Old Glatfelter	W. Br. Codorus Creek	Spring Grove, Pa.	74.3	--	1884	--	147.2	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			Apr. 1939	55	10	--	--	.034	--	
4-12	Palington Reservoir	Powder Creek	-----do-----	2.91	2.9	1937	--	63	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			Apr. 1939	1.6	59.9	--	33.2	.669	483	

4-13	Lake Rushford	Caneadea Creek	Caneadea, N. Y.	60.7	--	--	1925	--	28,000	--	--	--	SCS
4-14	Coatsville	Brandysville W. Br.	Coatsville, Pa.	20	--	Oct.	1951	26	27,426	--	* 60	--	464
4-15	Coatsville	Rock Run	Coatsville, Pa.	5	--	July	1951	51	137	--	* 50	--	33
4-16	Liberty Reservoir	Patapsco	Wards Chapel, Md.	164	159.1	July	1954	--	138,762.4	1.133	--	--	--
4-17a	Little Deer No. 1	Trib. Little Deer	Madonna, Md.	.74	.72	June	1962	7.9	138,227	1.129	* 60	--	426
4-18	Mount Morris	Genesee River	Mount Morris, N. Y.	1,077	1,011	Nov.	1962	4.5	* 173.89	.349	--	--	--
4-19a	Patterson Creek #1	Patterson Creek	Endwell, N. Y.	4.3	4.22	Oct.	1968	--	* 166.84	.339	* 55	1.55	1862
4-20a	Little Choconut #2B	W. Br. Little Choconut	Choconut Center, N. Y.	1.64	1.61	April	1972	10	162.54	.326	--	79.9	1898
4-21	E. Br. Clarion R. Lake	E. Br. Clarion River	Wilcox, Pa.	72.4	70.3	Oct.	1951	--	338,010	.347	6/-	--	419
4-22	Kaercher Creek PA-476	Kaercher Creek	Hamburg, Pa.	.5	.49	May	1963	5.9	336,611	.345	77	--	335
4-23	Martin Creek PA-467	Trib. Martin Creek	Kingsley, Pa.	.8	.79	Oct.	1968	--	335,393	.344	--	--	--

POTOMAC, RAPPAHANNOCK, YORK, AND JAMES RIVER BASINS

5-1a	Lake Barcroft	Trib. of Potomac River	Falls Church, Va.	14.5	14.3	Jan.	1915	--	7/1,847	.142	--	--	--
5-2	Pedlar	Pedlar	Oronoco, Va.	33.21	33.07	Feb.	1938	23.1	7/1,762	.134	* 60	--	257
5-3	Burnt Mills	N. W. Br. Anacostia R.	Silver Spring, Md.	27	26.97	Aug.	1957	19.5	8/2,092	.161	--	--	728
5-4b	Greenbelt Lake	Trib. of Indian Creek	Greenbelt, Md.	9/82	.79	Feb.	1907	--	1,850	--	--	--	--
5-5a	Staunton	North River	Staunton, Va.	25	25	Mar.	1938	31	1,723	--	--	--	134
5-6	Jackson	Ocoquan Creek	Manassas, Va.	337	336.4	May	1930	--	181	--	--	--	--
5-7b	Triadelphia L. (Brighton D)	Patuxent River	Brighton, Md.	81.4	80	Mar.	1938	7.8	95	--	* 60	--	408
5-8	Gordon Lake	Evitts Creek	Cumberland, Md.	64	12/4	July	1936	--	196	*.312	--	--	--
5-9	Thomas W. Koon Lake	do	do	60	59.6	Feb.	1938	1.6	186	*.296	* 60	7.91	10,337
5-10	Savage River Dam	Savage River	Bloomington, Md.	105	104.44	Aug.	1957	19.5	151	*.24	* 60	2.27	5,970
5-11	Rocky Gorge	Patuxent River	Laurel, Md.	132.8	50.14	June	1968	10.8	10/1,477	.334	* 60	7.52	1,945
5-12	South River, Site 26	Inch Branch	Waynesboro, Va.	2.7	2.7	Dec.	1925	--	385	--	--	--	--
5-13	Wilde Lake	Trib. Little Patuxent	Columbia, Md.	1.88	1.85	Jan.	1940	14	373	--	--	--	.034
5-14	Beautiful Run, Site 4	Beautiful Run	Madison, Va.	.48	.47	June	1956	--	350	--	--	--	.053
5-15	E. Fork, Falling R., Site 7	Mulberry Creek	Appomattox, Va.	5.14	5.03	July	1930	--	4,500	--	--	--	--
5-16	E. Fork, Falling R., Site 5	Caldwell's Creek	do	3.64	3.54	Aug.	1937	7.2	4,158	--	* 60	--	141
5-17	Lower North R., Site 80	Union Springs Run	Briery Branch, Va.	5.19	5.12	Jan.	1942	--	11/20,222	.327	--	--	184

1/ Includes estimated 112 acre-feet passing through Shandaken Tunnel.  
 2/ Includes 103 acre-feet of sediment dredged in 1937-1939.  
 3/ Partial survey covering segment 1-14 in Stony Brook Arm Only.  
 4/ Net sediment contributing area was 299.4 sq. mi. until 1933 when  
 Prettyboy Dam was completed. This area was used in the 1943 calculations.  
 5/ Revised after 1961 survey.  
 6/ Not determined - assumed equal to that determined in 1963.  
 7/ Based on original spillway crest elevation 205 feet m. s. l.  
 8/ Based on spillway crest elevation 210 feet m. s. l. and estimated  
 capacity of 2,380 acre-feet resulting from 1942 addition to top of dam.

9/ Revised 1968.  
 10/ 9 acre-feet gained by dredging.  
 11/ Revised due to movable control gates.  
 12/ Koon Lake, upstream, was built in 1932.  
 13/ Based on total sediment in Gordon Lake and Koon Lake.  
 14/ Does not include 4.34 acre-feet dredged.  
 15/ Includes 4.34 acre-feet dredged in early spring 1968.  
 \* Estimated or assumed.

**SUMMARY OF  
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975**

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES)		DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN		AGENCY SUPPLYING DATA
				TOTAL	NET						AC-FT.	TONS	
<b>POTOMAC, RAPPAHANNOCK, YORK, AND JAMES RIVER BASINS (CONTINUED)</b>													
5-18	Mountain Run, Site 11	Trib. of Mountain Run	Culpeper, Va.	5.86	5.62	June 1959	--	1,850.7	.49	--	--	--	SCS
	do	do	do	--	--	May 1971	11.8	1,840.1	.49	* 60	.16	209	
5-19	Pohick Creek #7	Unknown	Fairfax, Va.	.66	.62	May 1970	--	334.61	.679	--	--	--	SCS
	do	do	do	--	--	Aug. 1975	5.4	323.63	.669	64.35	1.49	2,093	
5-20	Rock Creek, Site #5	Rock Creek	Rockville, Md.	12.77	12.48	Aug. 1966	--	1/586.38	--	--	--	--	SCS
	do	do	do	--	--	Sept 1968	2	529.24	--	* 70	2.29	3,490	
	do	do	do	--	--	May 1972	3.75	2/531.07	--	--	2/1.18	2/825	
5-21	South River Site 3	Poor Creek	Greenville, Va.	3.12	3.05	Sept 1958	--	621.2	.29	--	--	--	SCS
	do	do	do	--	--	Sept 1972	14	616.7	.29	* 60	.11	139	
5-22	South River Site 4	Pine Run	do	3.28	3.24	July 1959	--	641.42	.26	--	--	--	SCS
	do	do	do	--	--	June 1971	11.9	640.63	.26	* 60	.02	27	
<b>CHOWAN, ROANOKE, TAR, NEUSE, AND CAPE FEAR RIVER BASINS</b>													
6-1	Lake Apex	Swift Creek	Apex, N. C.	4	4	June 1925	--	106	--	--	--	--	SCS
	do	do	do	--	--	June 1941	16	94	--	--	.19	--	
6-2	Franklinton	Sallie Keaney Creek	Franklinton, N. C.	1.13	1.12	Jan. 1925	--	34.7	--	--	--	--	SCS
	do	do	do	--	--	May 1938	13.3	27.3	--	67	.509	743	
6-3	Greensboro (L. Brandt)	Reddy Fork	Greensboro, N. C.	74.1	73.4	Feb. 1923	--	2,870	--	--	--	--	SCS
	do	do	do	--	--	Aug. 1934	11.5	2,610	--	* 60	.308	402	
6-4	High Point	Deep River	High Point, N. C.	62.8	62.3	Jan. 1928	--	4,554	--	--	--	--	SCS
	do	do	do	--	--	Aug. 1934	6.5	4,135	--	50.6	.541	596	
	do	do	do	--	--	Apr. 1938	3.75	4,038	--	--	.416	458	
6-5	Lake Michie	Flat River	Durham, N. C.	167.5	166.7	Apr. 1926	--	12,671	--	--	--	--	SCS
	do	do	do	--	--	Jan. 1935	8.75	12,276	--	--	.271	--	
6-6	Sanford City	Lick Creek	Sanford, N. C.	3.75	3.73	Feb. 1927	--	103	--	--	.15	--	SCS
	do	do	do	--	--	June 1941	14.33	915	--	--	--	--	
6-7	University Lake	Morgan Creek	Chapel Hill, N. C.	30.6	30.3	June 1932	--	1,915	--	--	.728	--	SCS
	do	do	do	--	--	Apr. 1935	2.9	1,851	--	--	--	--	
6-8	Roxboro City Lake	Satterfield Creek	Roxboro, N. C.	7.62	7.52	Apr. 1924	--	531.2	--	--	--	--	SCS
	do	do	do	--	--	June 1941	17.2	460.3	--	--	.548	--	
	do	do	do	--	--	Nov. 1946	5.4	448.4	--	--	3/342	--	
6-9	Burlington Municipal	Stony Creek	Burlington, N. C.	105.2	105	June 1928	--	1,488	--	--	--	--	SCS
	do	do	do	--	--	May 1938	10	1,325	--	63	.155	213	
	do	do	do	--	--	Sept 1949	11.3	1,202	--	--	.104	143	
6-10a	Walnut Cove	Dan River	Walnut Cove, N. C.	397	397	June 1924	--	974	.002	--	--	--	CE
	do	do	do	--	--	Sept. 1935	1/2	223	--	--	.214	200	
6-11	John B. Kerr	Roanoke River	South Hill, Va.	7,800	7,391	Sept. 1952	--	2,868,400	.494	--	--	--	CF
	do	do	do	--	--	Dec. 1959	7.4	2,750,349	.484	32.6	1.06	754	
6-12	Philpott	Smith River	Bassett, Va.	212	185.7	Dec. 1951	--	201,500	.966	--	--	--	CE
	do	do	do	--	--	Nov. 1960	8.9	198,000	.949	46.2	2.08	2,103	
6-13	Cherrystone Site #2	Roaring Fork	Chatham, Va.	5.7	5.6	Oct. 1969	--	1,230	.27	--	--	--	SCS
	do	do	do	--	--	Feb. 1974	4.4	1,228.8	.27	67.93	.05	70	
6-14	W. Kerr Scott Reservoir	Yadkin	Wilkesboro, N. C.	348	348	Aug. 1962	--	154,000	.4	--	--	--	CE
	do	do	do	--	--	May 1971	8.8	153,826	.4	--	5/056	--	
<b>PEE DEE, SANTEE, AND EDISTO RIVER BASINS</b>													
7-1	Chester	Sandy River	Chester, S. C.	16.05	15.92	Nov. 1926	--	682	--	--	--	--	SCS
	do	do	do	--	--	Oct. 1937	11	585	--	--	.55	--	
7-2	Lancaster	Turkey Quarter Creek	Lancaster, S. C.	9.4	9.34	Feb. 1925	--	242	--	--	--	--	SCS
	do	do	do	--	--	June 1938	13.4	190	--	65.3	.417	593	
7-3a	Spartanburg Municipal	South Pacolet River	Fingerville, S. C.	91.33	90.8	May 1926	--	6/3,566	--	--	--	--	SCS
	do	do	do	--	--	July 1934	8.2	5/3,199	--	--	6/412	--	
	do	do	do	--	--	Mar. 1947	12.7	6/2,691	--	--	6/268	--	
	do	do	do	--	--	Oct. 1965	18.6	5/2,593	--	--	5/176	--	
	do	do	do	--	--	Oct. 1965	18.6	7/3,109	--	--	--	--	
7-4	Appalachie	South Tyger River	Greer, S. C.	63	62.8	--- 1904	--	2,500	--	--	--	--	SCS
	do	do	do	--	--	July 1934	30	1,600	--	--	.48	--	
7-5	Albemarle City Lake	Long Creek	Albemarle, N. C.	33	32.5	Feb. 1924	--	1,070	--	--	--	--	SCS
	do	do	do	--	--	Aug. 1939	15.5	918	--	--	.302	--	
7-6	Cannon Lake	Buffalo Creek	Kannapolis, N. C.	18	17.7	July 1939	--	2,600	--	--	--	--	SCS
	do	do	do	--	--	June 1941	1.9	2,574	--	--	.774	--	
7-7	Lake Concord	Chambers & Rose Branch	do	4.7	4.54	Mar. 1925	--	1,201	--	--	--	--	SCS
	do	do	do	--	--	May 1935	10.2	1,122	--	--	1.71	--	
7-8	Entwhistle No. 3	Hitchcock Creek	Robberdell, N. C.	168	168	--- 1892	--	184	--	--	--	--	SCS
	do	do	do	--	--	Mar. 1940	48	163	--	--	.024	--	
7-9	Eury	Little River	Troy, N. C.	269	269	--- 1915	--	1,104	--	--	--	--	SCS
	do	do	do	--	--	Mar. 1940	25	976	--	--	.019	--	

7-10	Hugh Rock-----	Yadkin River-----	Salisbury, N. C.---	3,930	3,863	Nov. 1927	--	289,432	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	Aug. 1935	7.8	275,516	--	--	.462	--	SCS
7-11	Lake Lee-----	Richardson Creek---	Monroe, N. C.---	50.5	50.34	Apr. 1927	--	821	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	June 1938	11.1	652	--	61.8	.302	406	SCS
7-12	Pee Dee Mfg. Co.---	Hitchcock Creek---	Rockingham, N. C.---	176	9/25	--- 1874	--	464	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	Mar. 1940	66	404	--	--	.036	--	SCS
7-13	Salem-----	Salem Creek-----	Winston-Salem, N.C.	27.68	27.26	Nov. 1919	--	3,039	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	Sept. 1939	19.8	2,860	--	38	.444	367	SCS
7-14	Norwood L. (Tillery)---	Pee Dee River-----	Mt. Gilead, N. C.---	4,600	2/431	July 1928	--	136,823	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	Mar. 1940	11.75	133,300	--	--	.696	--	SCS
7-15	Lexington-----	Leonards Creek---	Lexington, N. C.---	6.75	6.66	Aug. 1935	--	462	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	Apr. 1940	4.6	441	--	45.5	.692	685	SCS
	do-----	do-----	do-----	--	--	May 1951	11.1	419	--	45.5	.299	296	SCS
7-16	Third Creek Site No. 7---	Third Creek-----	Statesville, N. C.---	4.84	4.74	Sept. 1937	--	961.4	.186	--	--	--	SCS
	do-----	do-----	do-----	--	--	Mar. 1962	4.5	948.5	.184	10/62.2	.61	826	SCS
	do-----	do-----	do-----	--	--	Mar. 1965	3	945.9	.183	10/62.2	.18	244	SCS
	do-----	do-----	do-----	--	--	Apr. 1969	4.1	943.1	.183	10/62.2	.14	190	SCS
7-17	Duncan Creek Site #8---	Sand Creek-----	Clinton, S. C.---	1.83	1.77	Jan. 1964	--	430.7	.294	--	--	--	SCS
	do-----	do-----	do-----	--	--	Jan. 1975	10.8	381.6	.261	65.6	2.5	3,572	SCS

SAVANNAH, OGEECHEE, AND ALTAMAHA RIVER BASINS

8-1	Lake Issaquena-----	Dix Mile Creek-----	Clemson, S. C.---	14.02	11/13.64	June 1938	--	1,836	--	--	--	--	SCS
	do-----	do-----	do-----	--	12/13.86	Apr. 1941	2.9	1,748	--	49.82	2.22	2,410	SCS
	do-----	do-----	do-----	--	--	Oct. 1949	8.5	1,626	--	50.9	1.03	1,140	SCS
8-2	Lloyd Shoals-----	Ocmulgee River-----	Jackson, Ga.---	1,414	1,407	Dec. 1910	--	112,538	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	Mar. 1935	24.3	98,578	--	60	.408	533	SCS
8-3a	North Fork Broad No. 2---	Dennan's Creek---	Toccoa, Ga.---	.96	.94	Jan. 1956	--	13/198	.181	--	--	--	SCS
	do-----	do-----	do-----	--	--	June 1959	3.4	196.2	.179	55.1	.563	676	SCS
	do-----	do-----	do-----	--	--	Apr. 1970	10.8	192.8	.176	55.1	.335	402	SCS
8-4a	North Fork Broad No. 6---	Bear Creek-----	Mize, Ga.---	3.62	3.50	July 1956	--	13/780.9	.199	--	--	--	SCS
	do-----	do-----	do-----	--	--	June 1959	--	770.6	.197	74.8	1.01	1,645	SCS
	do-----	do-----	do-----	--	--	Apr. 1970	10.8	751.55	.192	74.8	.5	814	SCS
8-5a	North Fork Broad No. 11---	Tom's Creek-----	Eastonlee, Ga.---	3.79	3.67	July 1956	--	13/792.4	.193	--	--	--	SCS
	do-----	do-----	do-----	--	--	June 1959	2.9	777.6	.199	73.8	1.39	2,234	SCS
	do-----	do-----	do-----	--	--	Apr. 1970	10.9	763.9	.185	73.8	.34	547	SCS
8-6	North Fork Broad No. 1---	North Fork Broad River---	Toccoa, Ga.---	3.75	3.7	June 1956	--	633.2	.148	--	--	--	SCS
	do-----	do-----	do-----	--	--	Apr. 1970	11.9	624.16	.146	63.2	.205	282	SCS
8-7	North Fork Broad No. 14---	Tom's Creek-----	do-----	1.2	1.191	Oct. 1954	--	281.1	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	Mar. 1962	--	276.8	--	14/68.6	.49	732	SCS
	do-----	do-----	do-----	--	--	Nov. 1964	--	272	--	--	1.49	--	SCS
	do-----	do-----	do-----	--	--	Apr. 1969	4.5	267	--	15/66.2	.92	1,341	SCS
8-8	Twelve Mile Cr. Site #12	Rice's Creek-----	Easley, S. C.---	.72	.69	Nov. 1954	--	215.3	.224	--	--	--	SCS
	do-----	do-----	do-----	--	--	Dec. 1974	20.08	205.4	.214	80.6	.71	1,194	SCS
8-9	Twelve Mile Cr. Site #16	do-----	Pickens, S. C.---	8.40	8.16	Nov. 1955	--	2,370.8	.21	--	--	--	SCS
	do-----	do-----	do-----	--	--	Dec. 1974	19.08	2,230.3	.2	69.5	.93	1,408	SCS

SATILLA, ST. MARYS, ST. JOHNS, AND SUWANNEE RIVER BASINS

9-													
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SOUTHERN FLORIDA DRAINAGE

10-													
-----	--	--	--	--	--	--	--	--	--	--	--	--	--

APALACHICOLA AND OCHLOKONEE RIVER BASINS

11-1	Newnan-----	Bolton Mill Creek---	Newnan, Ga.---	1.39	1.34	June 1924	--	384	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	Nov. 1937	13.4	358	--	50	1.45	1,580	SCS
	do-----	do-----	do-----	--	--	Feb. 1945	7.3	354	--	--	.41	446	SCS
11-2	Sky Lake-----	Trib. of Chickamauga Cr.	Helen, Ga.---	2.34	2.31	June 1925	--	218.4	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	May 1956	31	175.6	--	67	.58	846	SCS
11-3a	Sautee Creek Site #13---	Bean Creek-----	Cleveland, Ga.---	2.9	2.8	Dec. 1959	--	654.8	.116	--	--	--	SCS
	do-----	do-----	do-----	--	--	Nov. 1970	10.9	535.2	.095	75.8	3.87	6,389	SCS

CHOCTAWHATCHEE, YELLOW, ESCAMBIA, AND ALABAMA RIVER BASINS

12-1	Sequoyah-----	Small Branches-----	Jasper, Ga.---	1.6	1.51	July 1929	--	890	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	July 1939	10	865	--	--	1.66	--	SCS
12-2	White Manganese No. 6---	Pettit Creek-----	Cartersville, Ga.---	12.46	16/11	Oct. 1929	--	1,021	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	Nov. 1938	9.2	300	--	63.7	1.2	1,660	SCS
12-3	Lake Auburn-----	Town Creek (Trib. of)---	Auburn, Ala.---	1.6	1.6	Feb. 1931	--	182	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	June 1937	6.3	95	--	--	.66	--	SCS

1/ Sediment pool.  
 2/ Increase in capacity due to construction of pipeline across site 1968-72.  
 Sediment accumulation rates assumed for this period.  
 3/ Excluding 2.04 acre-feet of sediment dredged from lake in March 1942.  
 4/ Assume storage depletion occurred in 9 years, see H. D. 65, 75th Congress, 1st session ("308" report).  
 5/ Due to inadequacies of 1962 survey, data reflects sediment accumulated to elevation 1040'. Spillway crest elevation is 1075'.  
 6/ Elevation of dam raised from 775 to 777.1 feet Sept. 1956. Data based on original elevation of 775 feet and original capacity of 3506 acre-feet.  
 7/ Present storage capacity at elevation 777.1 feet.

8/ Ledbetters' dam upstream.  
 9/ Narrows upstream.  
 10/ Average of 39 samples collected in 1962.  
 11/ In 1940.  
 12/ In 1949.  
 13/ Changed on basis of 1970 survey.  
 14/ Average of 9 samples.  
 15/ Average of 10 samples.  
 16/ Drainage area above reservoir No. 3 excluded.  
 \* Estimated or assumed.

**SUMMARY OF  
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975**

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQ. MILES)		DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN		AGENCY SUPPLYING DATA
				TOTAL	NET						AC.-FT.	TONS	
CHOCTAWATCHEE, YELLOW, ESCAMBIA, AND ALABAMA RIVER BASINS (CONTINUED)													
12-4	Lay-----	Coosa River-----	Clanton, Ala.-----	9,087	9,076.5	Dec. 1913 --	--	156,525	.014	--	--	--	SCS
	do-----	do-----	do-----	--	--	May 1936 22.3	--	138,520	.012	--	.069	--	SCS
12-5	Lake Purdy-----	Little Cahaba River---	Birmingham, Ala.---	41.74	40.22	Sept 1910 --	--	19,080	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	Nov. 1935 25.2	--	18,594	--	--	.479	--	SCS
12-6	Carroll Lake-----	Curtis Creek-----	Carrollton, Ga.---	7.45	7.18	Oct. 1948 --	--	1,448	.182	--	--	--	SCS
	do-----	do-----	do-----	--	--	May 1957 8.5	--	1,325.4	.167	42.5	2	1,851	SCS
12-7	Temple Reservoir-----	Webster Branch-----	Temple, Ga.---	.63	.61	June 1954 --	--	65.5	.097	--	--	--	SCS
	do-----	do-----	do-----	--	--	May 1957 3	--	60.5	.09	44.2	2.74	2,638	SCS
12-8	High Pine Dam No. 5-----	Trib. of High Pine-----	Roanoke, Ala.---	1.8	1.55	Jan. 1961 --	--	389.7	*.163	--	--	--	SCS
	do-----	do-----	do-----	--	--	May 1970 9.17	--	385.3	*.161	1/53.99	.32	376	SCS
TOMBIGBEE, PASCAGOULA, AND PEARL RIVER BASINS													
13-1	Bayview-----	Village Creek-----	Birmingham, Ala.---	72.3	71.6	May 1911 --	--	11,866	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	Dec. 1935 24.6	--	9,514	--	--	1.34	--	SCS
13-2a	Lake Harris-----	Yellow Creek-----	Tuscaloosa, Ala.---	30	29.8	Feb. 1929 --	--	2,431	.061	--	--	--	SCS
	do-----	do-----	do-----	--	--	Nov. 1935 6.75	--	2,373	.059	--	.239	--	SCS
	do-----	do-----	do-----	--	--	Aug. 1953 17.75	--	2/2,636	.066	59.9	.11	144	SCS
13-3	M. C. Crain Farm Pond #2-----	Bogue Lusa Creek-----	Bogalusa, La.---	.13	.13	Aug. 1949 --	--	7,631	.044	--	--	--	SCS
	do-----	do-----	do-----	--	--	May 1963 13.5	--	6,963	.04	--	.377	--	SCS
LOWER MISSISSIPPI RIVER BASIN (NATCHEZ TO THE MOUTH) Calcasieu, Mermentau, and Vermilion River Basins													
14-	LOWER MISSISSIPPI RIVER BASINS (HELENA TO NATCHEZ) Yazoo, Big Black, and Ouachita River Basins												
15-1	Lake Hamilton-----	Ouachita River-----	Hot Springs, Ark.---	1,421	1,413.4	Dec. 1930 --	--	156,345	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	May 1950 19.4	--	153,279	--	* 50	.11	120	SCS
15-2	Lake Winona-----	Alum Fork Saline River---	Little Rock, Ark.---	43	41.3	Oct. 1937 --	--	34,533	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	May 1950 12.6	--	34,340	--	* 50	.37	403	SCS
15-3	O. P. White Pond-----	Trib. of Chewalla Creek---	Holly Springs, Miss.---	.0097	.0089	Oct. 1947 --	--	1.46	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	Jan. 1951 3.3	--	1.07	--	63.65	13.1	18,200	SCS
15-4	B. H. Honnesucker Pond-----	Trib. of Coldwater R.---	Slayden, Miss.---	.0625	.0597	Jan. 1947 --	--	12	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	Jan. 1951 4	--	8.55	--	60.99	15.5	20,000	SCS
15-5	C. S. Hurdle Pond-----	do-----	do-----	.244	.234	Dec. 1946 --	--	36.4	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	Jan. 1951 4.1	--	29	--	62.9	7.78	10,700	SCS
15-6	Agnes Jones Pond-----	do-----	Holly Springs, Miss.---	.0478	.0451	Oct. 1946 --	--	8.8	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	Jan. 1951 4.3	--	6.4	--	67.27	12.4	18,200	SCS
15-7	Lee Johnson Pond-----	Trib. of Red Banks Cr.---	do-----	.0833	.0784	Sept 1948 --	--	17.8	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	Jan. 1951 2.3	--	14.8	--	76.13	16.6	27,500	SCS
15-8	F. T. McAlexander-----	Trib. of Coldwater R.---	do-----	.0139	.0128	Aug. 1948 --	--	2.46	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	Jan. 1951 8.5	--	1.11	--	84.24	12.4	22,800	SCS
15-9	Lake Shakoka-----	Trib. of Camp Creek---	Olive Branch, Miss.---	.4153	.2663	Jan. 1934 --	--	306	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	Feb. 1951 17	--	255	--	61.65	8.03	10,800	SCS
15-10	Lake Woodland-----	do-----	do-----	.5045	.4797	Feb. 1945 --	--	94	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	Feb. 1951 6	--	78.1	--	39.9	5.52	4,800	SCS
15-11	C. L. Patton Pond-----	Trib. of Red Banks Cr.---	Warsaw, Miss.---	.1019	.0954	Feb. 1942 --	--	15.9	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	Feb. 1951 9	--	12.1	--	66.8	4.48	6,520	SCS
15-12	G. B. Langston, Jr., Pond-----	do-----	do-----	.0156	.0116	Feb. 1916 --	--	12.3	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	Feb. 1951 35	--	9.66	--	65.3	6.55	9,040	SCS
15-13	Fletcher Hurdle Pond (N)-----	Trib. of Byhalia Creek---	Victoria, Miss.---	.0406	.0389	Feb. 1947 --	--	4.61	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	Feb. 1951 4	--	2.67	--	63	12.5	17,100	SCS
15-14	Fletcher Hurdle Pond (S)-----	do-----	do-----	.0297	.0279	Feb. 1947 --	--	5.48	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	Feb. 1951 4	--	3.61	--	83.1	16.8	30,400	SCS
15-15	C. C. Stevenson Pond-----	Trib. of Cuffawa Creek---	Holly Springs, Miss.---	.0342	.032	Aug. 1948 --	--	6.47	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	Feb. 1951 2.7	--	4.23	--	78.8	26	44,600	SCS
15-16	Gayoso Lake-----	Trib. of Mississippi R.---	Horn Lake, Miss.---	.2196	.2047	Feb. 1942 --	--	58.7	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	Feb. 1951 9	--	53	--	51.85	3.13	3,530	SCS
15-17	Ben O. Pettis Pond-----	Trib. of Toby Tubby Cr.---	Oxford, Miss.---	.0075	.0067	Feb. 1916 --	--	1.63	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	Feb. 1951 35	--	1.07	--	58.72	2.39	3,060	SCS
15-18	C. D. Williams Pond-----	Trib. of Hudson Creek---	do-----	.045	.0418	Mar. 1928 --	--	9.93	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	Mar. 1951 23	--	6.7	--	55.72	3.35	4,070	SCS
15-19	R. X. Williams-----	Trib. of Yocona River---	Taylor, Miss.---	.0239	.021	Sept 1946 --	--	4.48	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	Mar. 1951 4.5	--	2.54	--	47.74	20.5	21,300	SCS
15-20	Henry W. Ramsey Pond-----	Trib. of Sarter Creek---	Oxford, Miss.---	.1375	.1289	Jan. 1933 --	--	31.	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	Mar. 1951 18.2	--	24.9	--	41.75	2.61	2,370	SCS

15-21	Dr. Bramlett Pond-----	Trib. of Pumpkin Creek-----	-----	8672	.8131	Jan. 1937	--	227	--	--	--	--	SCS	
	do-----	do-----	do-----	do-----	do-----	Mar. 1951	14.2	214	--	*37	1.12	919	SCS	
15-22	A. S. Kyle Pond-----	Trib. of Tallahatchie R.-----	Batesville, Miss.-----	.0456	.0398	Mar. 1945	--	17.4	--	--	--	--	SCS	
	do-----	do-----	do-----	do-----	do-----	July 1947	6	16.6	--	52.04	3.14	3,560	SCS	
15-23	Ben P. Smith Pond-----	Trib. of Pigeon Roost Cr.-----	Holly Springs, Miss.-----	.0278	.0284	July 1945	--	3.77	--	--	--	--	SCS	
	do-----	do-----	do-----	do-----	do-----	Mar. 1951	3.7	3.29	--	67.58	4.89	7,200	SCS	
15-24	A. L. Rodman Pond-----	Trib. of Arkabutla Cr.-----	Arkabutla, Miss.-----	1.563	1.458	Sept 1945	--	30.5	--	--	--	--	SCS	
	do-----	do-----	do-----	do-----	do-----	Mar. 1951	5.5	29	--	*50	1.95	2,120	SCS	
15-25	Charles Dockery Pond-----	Trib. of Hurricane Cr.-----	Eudora, Miss.-----	.0644	.0566	Jan. 1946	--	5.2	--	*44	3.6	3,420	SCS	
	do-----	do-----	do-----	do-----	do-----	Mar. 1951	5.2	22	--	--	--	--	CE	
15-26b	Arkabutla Reservoir-----	Coldwater River-----	Arkabutla, Miss.-----	1,000	948	Dec. 1947	6.33	525,300	.499	*60	.627	819	CE	
	do-----	do-----	do-----	do-----	do-----	May 1962	14.42	513,060	.487	*60	.62	810	CE	
15-27b	W. W. Murphy Pond-----	Trib. of Jones Creek-----	Holly Springs, Miss.-----	.208	.2	Nov. 1953	--	61.8	--	.528	--	--	ARS	
	do-----	do-----	do-----	do-----	do-----	May 1956	2.5	53.26	.496	*30	7.08	13,672	ARS	
	do-----	do-----	do-----	do-----	do-----	Sept 1959	3.3	56.14	.48	*90	3.21	6,296	ARS	
	do-----	do-----	do-----	do-----	do-----	Nov. 1963	4.2	59.68	.459	*90	2.95	5,741	ARS	
	do-----	do-----	do-----	do-----	do-----	Dec. 1975	12.1	49.88	.426	77	1.55	1,683	ARS	
15-28b	Powerline Dam-----	East Goose Creek-----	Oxford, Miss.-----	.486	.477	Apr. 1953	--	90.02	--	--	--	--	ARS	
	do-----	do-----	do-----	do-----	do-----	Oct. 1958	5.5	75.55	--	*70	5.51	8,400	ARS	
	do-----	do-----	do-----	do-----	do-----	June 1960	1.66	72.48	--	*70	3.88	5,911	ARS	
	do-----	do-----	do-----	do-----	do-----	Aug. 1962	2.15	71.98	--	*70	3.88	743	ARS	
	do-----	do-----	do-----	do-----	do-----	Sept 1967	5	71.07	--	*70	.38	582	ARS	
	do-----	do-----	do-----	do-----	do-----	Jan. 1976	8.4	67.9	--	75	.79	1,292	ARS	
15-29b	Andrew Smith Pond-----	Trib. of Jones Creek-----	Holly Springs, Miss.-----	.327	.3	Nov. 1953	--	70.1	.379	--	--	--	ARS	
	do-----	do-----	do-----	do-----	do-----	Mar. 1956	2.5	65.4	.354	*60	6.27	12,290	ARS	
	do-----	do-----	do-----	do-----	do-----	Sept 1959	3.3	63.27	.342	*90	2.15	4,217	ARS	
	do-----	do-----	do-----	do-----	do-----	Nov. 1963	4.1	60.87	.329	*90	1.9	3,734	ARS	
	do-----	do-----	do-----	do-----	do-----	Dec. 1975	12.1	53.41	.289	79	2.06	2,927	ARS	
15-30a	Sardis Reservoir-----	Little Tallahatchie R.-----	Sardis, Miss.-----	1,545	1,454	Mar. 1937	--	1,569,900	.934	--	--	--	CE	
	do-----	do-----	do-----	do-----	do-----	May 1960	20.6	1,549,336	.922	*60	.687	898	CE	
15-31	Enid Reservoir-----	Yocona River-----	Enid, Miss.-----	560	516	--	--	1,940	--	1.073	--	--	CE	
	do-----	do-----	do-----	do-----	do-----	3/	1951	--	--	--	--	--	CE	
	do-----	do-----	do-----	do-----	do-----	9/	1951	9.83	657,201	1.068	*60	.558	729	CE
15-32	Grenada Reservoir-----	Yalobusha River-----	Grenada, Miss.-----	1,320	1,219	Nov. 1942	--	1,337,400	--	.969	--	--	CE	
	do-----	do-----	do-----	do-----	do-----	4/July 1953	--	--	--	--	--	--	CE	
	do-----	do-----	do-----	do-----	do-----	May 1965	11.83	1,320,820	.957	*60	1.205	1,575	CE	

LOWER MISSISSIPPI RIVER BASIN (CHESTER TO HELENA)  
St. Francis River Basin

16-1	Grisham-----	Lost Creek-----	Bismark, Mo.-----	.46	.45	Oct. 1930	--	24.05	*.077	--	--	--	SCS
	do-----	do-----	do-----	do-----	do-----	July 1939	8.8	19.56	*.063	75.4	1.133	1,860	SCS
16-2	Mountain Lake-----	Trib. of Rings Creek-----	Patterson, Mo.-----	1.9	1.87	--	--	87.7	--	--	--	--	SCS
	do-----	do-----	do-----	do-----	do-----	July 1939	12	82.9	--	54.8	.213	254	SCS
16-3	Shepherd Mountain-----	Trib. of Stouts Creek-----	Ironton, Mo.-----	3.99	3.96	--	--	171	--	--	--	--	SCS
	do-----	do-----	do-----	do-----	do-----	July 1939	10	158	--	64	.338	471	SCS
16-4	Loch Mary-----	Brown Creek-----	Earlington, Ky.-----	3.81	3.65	Dec. 1888	20	1,228	--	--	.6	784	SCS
	do-----	do-----	do-----	do-----	do-----	Aug. 1926	--	1,386	--	--	--	--	IWS
16-5	Carbondale-----	Piles Fork-----	Carbondale, Ill.-----	3	2.77	Sept 1948	22.1	1,193	--	73.9	3.15	5,070	IWS
	do-----	do-----	do-----	do-----	do-----	--	--	89.5	--	--	--	--	IWS
16-6	Dering Coal Co. Pond-----	Trib. of Wolf Creek-----	Eldorado, Ill.-----	.219	.206	Oct. 1949	30	73	--	*76	2.64	4,370	IWS
	do-----	do-----	do-----	do-----	do-----	Oct. 1920	--	844.4	--	--	--	--	IWS
16-7	Eldorado-----	Wolf Creek-----	do-----	2.23	1.87	Oct. 1949	29	726.	--	*67	2.18	3,180	IWS
	do-----	do-----	do-----	do-----	do-----	Aug. 1926	--	5/1,698.4	--	--	--	--	IWS
16-8	West Frankfort-----	Tilley Creek-----	West Frankfort, Ill.-----	4.03	3.75	Sept 1936	10.1	1,515	--	--	2.46	--	SCS
	do-----	do-----	do-----	do-----	do-----	July 1949	12.8	1,487.8	--	--	6/.933	--	SCS
	do-----	do-----	do-----	do-----	do-----	--	--	8.9	--	--	--	--	SCS
16-9	Pineview (Lower)-----	South Fork Jonaca Creek-----	Farmington, Mo.-----	.63	.07	--	--	8.2	--	*60	1.43	1,870	SCS
	do-----	do-----	do-----	do-----	do-----	--	--	30.9	--	--	--	--	SCS
16-10	Pineview (Middle)-----	do-----	do-----	.56	.06	--	--	29.1	--	*60	3.3	4,310	SCS
	do-----	do-----	do-----	do-----	do-----	--	--	8.2	--	*.025	--	--	SCS
16-11	Pineview (Upper)-----	do-----	do-----	.49	.48	--	--	5.4	--	*.016	.583	825	SCS
	do-----	do-----	do-----	do-----	do-----	7/--	1938	10	--	--	--	--	SCS
16-12	Killarnay-----	Big Creek-----	Annapolis, Mo.-----	51	51	--	--	819	--	--	.133	174	CE
	do-----	do-----	do-----	do-----	do-----	--	--	622	--	*60	--	--	CE
16-13a	Wappapello-----	St. Francis River-----	Poplar Bluff, Mo.-----	1,310	1,206	8/July 1940	--	625,000	.54	--	--	--	CE
	do-----	do-----	do-----	do-----	do-----	July 1947	7	624,651	.539	--	9/.0414	--	CE
	do-----	do-----	do-----	do-----	do-----	Mar. 1964	16.7	613,161	.53	--	.5705	--	CE
16-14a	Lake Miller-----	Casey Fork-----	Mt. Vernon, Ill.-----	4.65	4.43	Feb. 1944	--	1,746	.613	--	--	--	IWS
	do-----	do-----	do-----	do-----	do-----	June 1960	16.3	1,659	.582	34	1.2	888	IWS
16-15	Flucks Lake-----	Unnamed-----	Marion, Ill.-----	.339	.316	--	--	58.1	.265	--	--	--	IWS
	do-----	do-----	do-----	do-----	do-----	--	--	46.8	.214	56.6	1.11	1,368	IWS
16-16	Baker's Lake-----	do-----	do-----	.26	.25	--	--	24	.143	--	--	--	IWS
	do-----	do-----	do-----	do-----	do-----	Aug. 1951	14	21.7	.129	36.8	.64	512	IWS

1/ Weighted average: Submerged sediment 51.75 lbs/ft.<sup>3</sup> - aerated assumed 83 lbs/ft.<sup>3</sup>.  
 2/ With 5-foot flashboards added in 1947.  
 3/ Original sediment range surveys.  
 4/ Used as beginning date of sediment deposits.  
 5/ Spillway crest raised from 439 to 441.77 ft. m.s.l. in April 1943. All data computed on basis of 441.77 ft. at spillway elevation.

6/ Net sediment volume in 1949 was 120.5 ac.-ft. due to compaction of earlier deposits.  
 7/ Dam failed spring 1938, survey conducted July 24, 1939.  
 8/ Original data from topographic survey of 1935-36.  
 9/ Based on incomplete resurvey; 1963 value of .57 is more reliable.  
 \* Estimated or assumed.

**SUMMARY OF  
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975**

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES)		DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN		AGENCY SUPPLYING DATA
				TOTAL	NET						AC.-FT.	TONS	
LOWER MISSISSIPPI RIVER BASIN (CHESTER TO HELENA) St. Francis River Basin (Continued)													
16-17	Crab Orchard Lake-----	Crab Orchard Creek----	Carbondale, Ill.----	171	160	May 1940	--	67,320	.611	--	--	--	IWS
16-18	Marion-----	Limb Branch-----	Marion, Ill.----	6.5	6.31	July 1951	11.2	63,894	.58	47.5	1.91	1,976	IWS
16-19	Little Grassy Lake-----	Little Grassy-----	Carbondale, Ill.----	15.7	14.2	Mar. 1942	--	25,741	2.543	--	--	458	IWS
16-20	Herrin Reservoir No. 1-----	Unnamed-----	Herrin, Ill.----	1.78	1.7	July 1951	9.3	25,965	2.506	38.7	2.85	2,402	IWS
16-21	Knights of Pythias Lake-----	-----	Marion, Ill.----	.33	.32	Dec. 1925	--	178	.155	27.5	--	.32	192
16-22a	Lake Ashley-----	Trib. of Muddy River-----	Ashley, Ill.----	1.24	1.22	Aug. 1951	25.7	64.7	.304	62.9	1.22	1,671	IWS
16-23	Christopher-----	Trib. of King Creek-----	Christopher, Ill.----	.925	.858	Aug. 1954	14	150	.201	--	--	--	IWS
16-24	Lake DuQuoin-----	Reese Creek-----	DuQuoin, Ill.----	10.73	10.35	July 1960	35	383.94	.598	--	--	--	IWS
16-25	W. F. Farrell-----	Trib. of Harper Creek-----	Mt. Vernon, Ill.----	.519	.512	July 1957	20	353.59	.551	37.1	1.01	816	IWS
16-26a	ICRR at Thompsonville-----	Trib. of Ewing Creek-----	Thompsonville, Ill.----	1.799	1.725	July 1957	20	2,003	.316	--	--	--	IWS
16-27	Lake Johnston City-----	Lake Creek-----	Johnston City, Ill.----	3.85	3.75	June 1960	15	1,870	.295	38.3	.64	534	IWS
16-28	Valier Outing Club-----	Andy Creek-----	Valier, Ill.----	2.47	2.37	Aug. 1957	35	27.41	.079	51.5	1.06	1,189	IWS
16-29	West Frankfort (New)-----	Stevens Creek-----	West Frankfort, Ill.----	7.622	7.288	Aug. 1960	34	352.44	.283	--	--	--	IWS
16-30	L. Reel-Em-In (Walker L)-----	Unnamed-----	Dixon, Ky.----	2.05	1.96	Aug. 1960	34	300.63	.241	48.7	.88	934	IWS
16-31	Rough River FES No. 1-----	Buffalo Creek-----	Kingswood, Ky.----	2.86	2.85	Nov. 1955	--	471	.195	--	--	--	SCS
16-32a	Obion Creek FES #24-----	Unnamed Trib. Little Cr.-----	Fancy Farm, Ky.----	.37	.35	June 1970	14.64	596.12	.23	56.13	1/5	1/611	SCS
16-33	Mud River FES No. 14-----	Antioch Creek-----	Sharon Grove, Ky.----	8.59	8.56	Nov. 1960	5	1,730.35	.088	*80	1/89	1/1,543	SCS
16-34	Caney Creek MPS #2-----	Bennett Fork-----	Caneyville, Ky.----	5.77	5.65	Nov. 1965	--	1,28.8	.083	*80	1/71.2	1/2,074	SCS
16-35	Big Reedy FES #9-----	West Fork-----	Reedsville, Ky.----	6.76	6.69	May 1970	4.5	1,379.87	.15	75.78	1/45	1/742	SCS
16-36	Beach Lake-----	Beach River-----	Lexington, Tenn.----	15.74	14.36	May 1970	4.5	1,355.49	.15	77.75	1/1.01	1/1,710	SCS
16-37	Cedar Lake-----	Haley Creek-----	Lexington, Tenn.----	4.37	4.15	Apr. 1964	8.5	998	.154	--	--	--	TVA
16-38	Cypress Creek MPS #3-----	Dyson Creek-----	Sturgis, Ky.----	.68	.6	Apr. 1964	8.5	976.95	.15	77.58	1/58	1/912	TVA
16-39	Dogwood Lake-----	Big Creek-----	Darden, Tenn.----	5.04	4.34	Apr. 1964	8.5	1,111,100	.763	--	--	--	TVA
16-40	Lost Creek Detention Dam-----	Lost Creek-----	Lexington, Tenn.----	4.29	4.29	Oct. 1972	7.5	1,110,332	.752	*65	1/1.38	1/1,954	TVA
16-41	Pin Oak Lake-----	Browns Creek-----	Chesterfield, Tenn.----	11.52	10.49	Oct. 1972	7.5	1,103,875	.167	*65	1/1.38	1/1,954	TVA
16-42	Pine Lake-----	Pine Creek-----	Lexington, Tenn.----	7.60	6.86	Apr. 1965	--	1,861	.164	*65	1/398	1/563	TVA
16-43	Red Bud Lake-----	Dry Creek-----	Chesterfield, Tenn.----	2.77	2.44	Oct. 1965	--	2/494.19	.99	--	--	--	TVA
16-44	Sycamore Lake-----	-----	Lexington, Tenn.----	2.8	2.45	June 1971	5.66	2/475.1	.95	*69	2/5.58	2/8,391	TVA
OHIO RIVER BASIN (MADISON TO UNIONTOWN) Wabash River Basin													
17-1	Huntingburg (Upper)-----	Trib. of Patoka River-----	Huntingburg, Ind.----	.67	.63	July 1894	--	137	*.264	--	--	--	SCS
17-2a	Oakland City #2-----	S. Fork Patoka River-----	Oakland City, Ind.----	.52	.4	Oct. 1940	46.3	119	*.229	*40	.617	538	SCS
	-----	-----	-----	--	--	-- 1921	--	3,850.8	*2.116	--	--	--	SCS
	-----	-----	-----	--	--	Sept 1940	19	811	*2.079	*40	1.937	1,720	SCS
	-----	-----	-----	--	--	Aug. 1965	24.9	811	*2.017	*70	2.496	3,796	SCS

17-3	Shafer Lake	Tippecanoe River	Monticello, Ind.	1,700	1,698	June 1923	--	14,722	*.016	--	--	--	SCS	
	---do---	---do---	---do---	---	---	Aug. 1944	17.2	14,041	*.016	*75	-.023	38	SCS	
17-4	Spring Mill	Mill Creek	Mitchell, Ind.	15.03	4/5.29	Oct. 1938	--	178	--	--	--	--	SCS	
	---do---	---do---	---do---	---	---	Sept 1948	9.9	127	--	*67	-.975	1,420	SCS	
17-5	Greendale Lake	Connor's Branch	Xenia, Ill.	25.1	25	Aug. 1927	--	306	*.023	--	--	--	SCS	
	---do---	---do---	---do---	---	---	Sept 1940	13.1	260	*.020	*70	-.14	213	SCS	
17-6	Ridge Lake	Trib. of Embarrass R.	Charleston, Ill.	1.41	1.38	Apr. 1941	--	187.4	--	--	--	--	IWE	
	---do---	---do---	---do---	---	---	Sept 1947	6.4	171.9	--	--	72.4	1.75	2,760	IWE
17-7	Vermillion Lake	N. Fork Vermillion R.	Danville, Ill.	267	266	June 1915	--	5/8,643	*.061	--	--	--	SCS	
	---do---	---do---	---do---	---	---	Oct. 1940	25.3	7,438	*.052	*70	-.179	273	SCS	
17-8	Brown Park Lake	Trib. of Racoon Creek	Flora, Ill.	1.34	1.33	June 1938	--	143.4	.057	--	--	--	IWS	
	---do---	---do---	---do---	---	---	June 1959	21	37.75	.044	58.6	-.4	510	IWS	
17-9	Craig & Davidson's Lake	---do---	Martinsville, Ill.	.465	.427	--- 1947	--	187.75	.631	--	--	--	IWS	
	---do---	---do---	---do---	---	---	June 1959	12	175.18	.588	33.14	2.46	1,775	IWS	
17-10	Farina Lake	None	Laclede, Ill.	.538	.531	--- 1928	--	16.4	.057	--	--	--	IWS	
	---do---	---do---	---do---	---	---	Aug. 1958	30	13.3	.046	61.94	-.19	256	IWS	
17-11	Graham Lake	Trib. of Veale Creek	Washington, Ind.	.34	.31	Aug. 1950	--	104.8	--	--	--	--	SCS	
	---do---	---do---	---do---	---	---	Aug. 1958	6	104.4	--	--	--	2.18	--	
17-12a	ICRR at Bluford	Fourmile Creek	Bluford, Ill.	3,353	3,199	--- 1926	--	670.7	.3	--	--	--	IWS	
	---do---	---do---	---do---	---	---	June 1960	34	609.7	-.273	43.5	-.565	493	IWS	
17-13	Jones Pond	Trib. of Flat Creek	Otwell, Ind.	.034	.031	Oct. 1954	--	10.7	--	--	--	--	SCS	
	---do---	---do---	---do---	---	---	Apr. 1956	1.5	10.6	--	--	--	2.1	--	
17-14a	Olney Reservoir (New)	Trib. of East Fork	Olney, Ill.	3.36	3.15	Sept 1954	--	1,555.3	.723	--	--	--	IWS	
	---do---	---do---	---do---	---	---	Aug. 1960	6.9	1,517.4	.706	30.3	1.7	1,460	IWS	
17-15	Patterson Lake	Trib. of Dismal Creek	Edgewood, Ill.	.959	.912	--- 1926	--	316.75	.516	--	--	--	IWS	
	---do---	---do---	---do---	---	---	July 1959	33	281.09	.458	48.54	1.18	1,247	IWS	
17-16b	Plum Creek No. 15	Little Plum Creek	Taylorville, Ky.	1.03	.99	Sept 1955	--	1/61.6	.07	--	--	--	SCS	
	---do---	---do---	---do---	---	---	Apr. 1959	2.5	1/55.8	.06	45	1/1.94	1/1,901	SCS	
	---do---	---do---	---do---	---	---	Oct. 1960	1.5	1/50.5	.06	53	1/4.24	1/5,460	SCS	
	---do---	---do---	---do---	---	---	Mar. 1975	14.4	1/41.3	.05	86.4	1/1.65	1/850	SCS	
17-17a	Plum Creek No. 17	Trib. of Little Plum Cr.	---do---	.56	.55	Dec. 1956	--	126.3	.26	--	--	--	SCS	
	---do---	---do---	---do---	---	---	Apr. 1959	2.33	123.7	.25	56	2.01	2,452	SCS	
	---do---	---do---	---do---	---	---	Oct. 1960	1.5	121.2	.25	47	3	2,581	SCS	
	---do---	---do---	---do---	---	---	Mar. 1975	14.42	117.4	.24	53	-.47	633	SCS	
17-18	Steiner Lake	Trib. of Pond Creek	Fairfield, Ill.	.308	.295	--- 1945	--	53.68	.261	--	--	--	IWE	
	---do---	---do---	---do---	---	---	June 1960	15	48.62	.237	41.3	1.15	1,034	IWE	
17-19	Stevenson's Lake	Trib. of Kettaring Br.	Martinsville, Ill.	.342	.327	--- 1950	--	52.11	.238	--	--	--	IWS	
	---do---	---do---	---do---	---	---	June 1959	9	46.5	.212	48	1.89	1,975	IWS	
17-20	Vevay Park Lake	Trib. of Range Creek	Greenup, Ill.	.294	.278	--- 1906	--	67.41	.391	--	--	--	IWE	
	---do---	---do---	---do---	---	---	June 1959	53	54.5	.316	47.61	-.87	902	IWE	
17-21	Beaver Lake	Beaver Creek	Dubois, Ind.	3.95	3.56	Oct. 1955	--	2,486	*.787	--	--	--	SCS	
	---do---	---do---	---do---	---	---	Oct. 1964	9	2,409.8	*.753	55	2.38	2,851	SCS	
17-22	Scottsburg Lake	Trib. of Muscatatuck	Scottsburg, Ind.	2.98	2.98	Fall 1949	--	749.02	*.294	--	--	--	SCS	
	---do---	---do---	---do---	---	---	Oct. 1961	12	719.24	*.28	60.8	1	1,324	SCS	
17-23	Cagles Mill (Cataract L)	Mill Creek	Cloverdale, Ind.	295	287	Dec. 1952	--	6/232,370	1.123	--	--	--	CE	
	---do---	---do---	---do---	---	---	Feb. 1962	9.17	230,906	1.116	62.8	-.54	739	CE	
17-24	Lake Charleston	Embarrass	Charleston, Ill.	811	811	--- 1947	--	2,280	--	--	--	--	IWS	
	---do---	---do---	---do---	---	---	--- 1960	13	1,395	.003	--	-.084	108	IWS	
	---do---	---do---	---do---	---	---	--- 1974	14	865	.002	59.3	-.047	61	IWS	
17-25	Lake Salinda	Hoggatt Br. (Blue R.)	Salem, Ind.	5.7	5,525	Jan. 1949	--	1,015.2	.209	--	--	--	SCS	
	---do---	---do---	---do---	---	---	Apr. 1971	22.2	890.6	.183	57.8	1.02	1,279	SCS	
17-26	Upper Wabash Site #1	Wabash River	New Weston, Ohio	13.07	12.83	June 1964	--	1,550.4	.24	--	--	--	SCS	
	---do---	---do---	---do---	---	---	Aug. 1971	7.2	1,522.1	.24	55.9	-.31	373	SCS	
✓ 17-27	Upper Wabash Site #2	Trib. Wabash River	Burkettsville, Ohio	1.12	1.07	Oct. 1963	--	123	.22	--	--	--	SCS	
	---do---	---do---	---do---	---	---	Mar. 1972	8.3	115.5	.21	*80	-.84	1,467	SCS	

TENNESSEE RIVER BASIN (BELOW HALES BAR DAM)  
Cumberland and Green River Basins

18-1	Radnor Lake	Other Creek	Nashville, Tenn.	2.1	2	Mar. 1915	--	1,313	--	--	--	--	SCS
	---do---	---do---	---do---	---	---	Nov. 1940	25.7	1,279	--	--	-.66	--	SCS
18-2a	Lake Tandy	Little River	Hopkinsville, Ky.	6.1	6	Nov. 1907	--	763	.135	--	--	--	SCS
	---do---	---do---	---do---	---	---	Jan. 1941	34	564	.099	43	1	936	SCS
	---do---	---do---	---do---	---	---	June 1959	18.5	509	.089	43	-.495	463	SCS
18-3c	Great Falls	Caney Fork River	Rock Island, Tenn.	1,675	1,671	Sept 1935	--	54,925	.024	--	--	--	TVA
	---do---	---do---	---do---	---	---	Aug. 1947	12	52,370	.023	*70	1.127	166	TVA
	---do---	---do---	---do---	---	---	Jan. 1954	6.4	51,836	.023	*60	.05	65	TVA
	---do---	---do---	---do---	---	---	Sept 1960	6.6	51,591	.022	*60	.022	29	TVA
	---do---	---do---	---do---	---	---	Nov. 1969	9.2	51,281	.023	*60	-.02	26	TVA
18-4c	Guntersville	Tennessee River	Guntersville, Ala.	24,450	2,550	Nov. 1940	--	1,097,380	--	--	--	--	TVA
	---do---	---do---	---do---	---	---	June 1947	5.6	1,060,897	--	--	-.55	-.879	1,172
	---do---	---do---	---do---	---	---	May 1956	8.9	1,073,154	--	--	-.55	-.441	408
	---do---	---do---	---do---	---	---	July 1961	5.1	1,064,228	--	--	-.55	-.687	823
18-5c	Wheeler	---do---	Town Creek, Ala.	29,590	7/5,033	Oct. 1936	--	8/1,122,000	--	--	--	--	TVA
	---do---	---do---	---do---	---	---	June 1947	10.7	8/1,071,717	--	--	7/1-	7/1-	TVA
	---do---	---do---	---do---	---	---	May 1953	6	8/1,061,411	--	--	-.55	-.341	408
	---do---	---do---	---do---	---	---	June 1956	3	1,061,005	--	--	-.55	-.027	32
	---do---	---do---	---do---	---	---	Aug. 1961	5.1	1,050,303	--	--	-.55	-.417	500

1/ Sediment or conservation pool only.

2/ Multiple-use pool.

3/ Items are based on corrected instrument surveys of shore line and range locations as used in the 1965 survey.

4/ The noncontributing drainage area is chiefly closed or plugged limestone sinkholes.

5/ In July 1925. In June 1915, spillway elevation was 5 feet lower and capacity was 1,226 ac.-ft.

6/ Revised from 228,120 to 232,370 ac.-ft.

7/ Guntersville Dam closed Jan. 19, 1939, reducing sediment contributing area to 5,033 sq. mi.

8/ Multiple-use capacity excluding diked areas.

9/ 1953 survey revised.

\* Estimated or assumed.



**SUMMARY OF  
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975**

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES)		DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN		AGENCY SUPPLYING DATA
				TOTAL	NET						AC-FT.	TONS	
TENNESSEE RIVER BASIN (BELOW HALES BAR DAM) Cumberland and Green River Basins (Continued)													
18-6c	Wilson	Tennessee River	Florence, Ala.	30,750	1,135	Dec. 1928	--	687,000	--	--	--	--	TVA
	do	do	do	--	--	Dec. 1931	3	874,000	--	*53	1/.479	552	
	do	do	do	--	--	Dec. 1936	5	652,000	--	*53	1/.49	565	
	do	do	do	--	--	Sept 1946	9.8	651,000	--	*53	2/.12	138	
	do	do	do	--	--	June 1951	4.7	650,000	--	*53	2/.12	138	
	do	do	do	--	--	June 1956	5	648,000	--	*53	2/.401	462	
	do	do	do	--	--	Aug. 1961	5.1	641,000	--	*53	2/1.274	1,471	
18-7c	Pickwick Landing	do	Pickwick, Tenn.	32,320	1,997	Feb. 1938	--	1,130,313	--	--	--	--	TVA
	do	do	do	--	--	Sept 1946	8.6	1,116,389	--	*53	--	.811	936
	do	do	do	--	--	June 1951	4.7	1,118,082	--	*53	3/- .19	--	
	do	do	do	--	--	June 1956	5.1	1,116,811	--	*53	--	.125	144
	do	do	do	--	--	Aug. 1961	5.2	1,105,256	--	*53	--	1.113	1,285
18-8c	Kentucky	do	Gilbertsville, Ky.	40,200	7,131	Aug. 1946	--	4/2,879,549	--	--	--	--	TVA
	do	do	do	--	--	May 1951	4.7	4/2,855,440	--	*53	--	.719	830
	do	do	do	--	--	July 1956	5.2	4/2,814,388	--	*53	--	1.107	1,278
	do	do	do	--	--	Oct. 1961	5.2	4/2,790,855	--	*53	--	.635	733
18-9	Dale Hollow	Obey River	Celina, Tenn.	935	887	Apr. 1943	--	1,706,000	1.533	--	--	--	CE
	do	do	do	--	--	June 1960	17.2	--	--	--	--	--	CE
18-10	Old Hickory	Cumberland River	Old Hickory, Tenn.	5/11,874	2,741	June 1954	--	467,000	--	--	--	--	CE
	do	do	do	--	--	June 1965	11	453,703	--	--	--	.441	--
18-11	Wolf Cr. (L. Cumberland)	do	Jamestown, Ky.	5,789	5,690	Aug. 1950	--	6,089,000	.912	--	--	--	CE
	do	do	do	--	--	June 1963	12.83	--	--	--	--	--	CE
18-12	Rough River Reservoir	Rough River	Falls of Rough, Ky.	454	437.56	Dec. 1959	--	332,940	--	.866	--	--	CE
	do	do	do	--	--	July 1969	9.75	329,670	--	.857	70.27	.765	1,170
18-13a	Upper Green R. #5 (Pilot)	South Fork	Stanford, Ky.	1.44	1.41	Sept 1955	--	320,771	--	.22	--	--	SCS
	do	do	do	--	--	Apr. 1966	10.5	316,59	--	.22	59.9	6/.28	6/364
	do	do	do	--	--	June 1971	5.16	307.16	--	.21	--	6/1.3	6/1,670
18-14	East Fork Pond R. #5A	Buck Creek	Hopkinsville, Ky.	21.08	20.58	Apr. 1970	--	5,504.65	.29	--	--	--	SCS
	do	do	do	--	--	Apr. 1975	5	5,483.13	.29	*60	.21	.273	
OHIO RIVER BASIN (POINT PLEASANT TO MADISON) Kanawha, Big Sandy, Licking, Kentucky, Scioto, and Miami River Basins													
19-1	Lake Placid	Unnamed	Lancaster, Ky.	.2	.2	Oct. 1902	--	114	--	--	--	--	SCS
	do	do	do	--	--	Sept 1941	38.9	866	--	--	7/2.5	--	SCS
19-2	Radford	Little River	Radford, Va.	329	329	Aug. 1934	--	1,646	--	--	--	--	SCS
	do	do	do	--	--	July 1944	10	1,018	--	*70	--	.191	291
19-3	Englewood	Stillwater	Dayton, Ohio	651	653	--	--	1,827 8/-	*.81	--	--	--	SCS
	do	do	do	--	--	--	--	1,114,646	*.309	77.5	--	.637	63
19-4	Germantown	Twin Creek	Germantown, Ohio	270	264	--	--	1,06,000	*.554	--	--	--	SCS
	do	do	do	--	--	--	--	105,618	*.552	79.5	--	.097	168
19-5b	Griggs	Scioto River	Columbus, Ohio	1,053	1,052	--	--	4,563	.008	--	--	--	ODW
	do	do	do	--	--	--	--	3,920	.007	*65	--	.02	28
	do	do	do	--	--	--	--	3,928	.007	59.4	--	--	--
	do	do	do	--	--	--	--	3,737	.007	--	--	.014	--
19-6	Ohio Cons. Pond No. 73	Blacklick Creek	do	24	24	Nov. 1936	--	4.68	--	--	--	--	SCS
	do	do	do	--	--	June 1939	2.6	2.53	--	--	--	.035	--
19-7	Ohio Cons. Pond No. 74	do	do	23	23	Jan. 1937	--	1.04	--	--	--	--	SCS
	do	do	do	--	--	Nov. 1939	2.8	.52	--	--	--	.008	--
19-8a	Lake White	Pee Dee Creek	Waverly, Ohio	37.4	36.9	Oct. 1935	--	3,734	--	--	--	--	ODW
	do	do	do	--	--	Dec. 1947	12	3,338	--	--	--	.894	--
	do	do	do	--	--	Aug. 1951	4	9/3,706	--	--	68	1.73	--
19-9	Herrington Lake	Dix River	Harrdsburg, Ky.	437	431	Oct. 1925	--	258,949	--	--	--	--	SCS
	do	do	do	--	--	Oct. 1941	16	255,706	--	--	--	.471	--
19-10	Walton	Bank Lick Creek	Walton, Ky.	--	.25	--	--	128	--	--	--	--	SCS
	do	do	do	--	--	--	--	122	--	*50	--	4.46	4,860
19-11	Williamstown	Grassy Creek	Williamstown, Ky.	.47	.47	--	--	113	--	--	--	--	SCS
	do	do	do	--	--	--	--	106	--	--	--	2.13	--
19-12	Byllesby	New River	Byllesby, Va.	1,310	1,310	Aug. 1912	--	8,892	--	--	--	--	SCS
	do	do	do	--	--	May 1936	23.66	3,538	--	--	--	10/.184	--
19-13a	O'Shaughnessy	Scioto River	Dublin, Ohio	988	987	Fall 1925	--	11/16,673	*.026	--	--	--	ODW
	do	do	do	--	--	--	--	15,604	*.024	*65	--	.121	60
	do	do	do	--	--	--	--	14,538	*.023	*65	--	.135	171
	do	do	do	--	--	July 1951	9	14,162	*.022	44.2	--	.063	60
19-14a	Decker Lake	Patterson Run	Piqua, Ohio	2.33	2.3	--	--	115	*.094	--	--	--	ODW
	do	do	do	--	--	June 1950	10	94	*.069	51.91	.913	1,032	

19-15b	Madison Lake	Deer Creek	London, Ohio	57.2	57	--	1946	--	594	--	--	--	ODW
	do	do	do	--	--	June	1949	2.6	530.2	--	49	.43	459
	do	do	do	--	--	June	1951	2	511	--	45.9	.17	170
	do	do	do	--	--	June	1954	3	486.7	--	49.9	.14	152
19-16b	Grant Lake	Sterling Run	Mt. Orab, Ohio	25.25	24.97	Dec.	1948	--	1,140	.0564	--	--	ODW
	do	do	do	--	--	July	1950	1.6	1,111	.055	86.6	.721	1,360
	do	do	do	--	--	Sept	1957	7	1,058	.0529	--	.247	--
	do	do	do	--	--	Aug.	1962	5	1,027	.0508	--	.324	--
	do	do	do	--	--	July	1971	9	965	.0478	--	.274	--
19-17	Caldwell Lake	Trib. of Stoney Creek	Waverly, Ohio	1.02	1	--	1937	--	88	*.124	--	--	ODW
	do	do	do	--	--	Sept	1949	12	85	*.12	*60	.253	331
	do	do	do	--	--	--	1939	--	74	--	--	--	ODW
19-18	Stewart Lake	do	Chillicothe, Ohio	.31	.3	Sept	1951	12.3	71	--	*60	.87	1,137
	do	do	do	--	--	Fall	1938	13.4	70	.073	--	--	--
19-19	Pine Lake	Tar Hollow Creek	Gillespieville, O.	2.42	2.4	Aug.	1950	11.7	12.8	.067	68.95	.396	595
19-20c	Kiser Lake	Mosquito Creek	St. Paris, Ohio	8.73	8.15	Jan.	1940	--	3,215	.575	--	--	ODW
	do	do	do	--	--	Jan.	1950	10.5	3,010	.539	*50	2.4	2,610
	do	do	do	--	--	July	1954	4	2,929	.524	39.7	2.48	2,144
	do	do	do	--	--	June	1962	8	2,867	.513	--	.95	--
19-21	Eversole Run (Trib. arm of O'Shaughnessy Res.)	Eversole Run	Dublin, Ohio	13.8	13.7	--	1925	--	384	--	--	--	ODW
	do	do	do	--	--	--	1951	26	295	--	55.5	.25	302
19-22	Allen Lake	Trib. of Silver Creek	Kenton, Ohio	.5	.5	--	1938	--	12	*.043	--	--	ODW
19-23	Sylvan Lake (Lower)	Trib. of Beaver Creek	Vienna, Ohio	1.85	1.39	Aug.	1951	13	10	*.036	52.6	.26	298
	do	do	do	--	--	--	1947	--	275	--	--	--	ODW
19-24	Sylvan Lake (Upper)	do	do	.4	.38	Aug.	1951	3.8	261	--	44.8	2.73	2,664
	do	do	do	--	--	--	1948	--	63	--	--	--	ODW
19-25	Hosterman Lake	Trib. of Mad River	Springfield, Ohio	1.59	1.58	Aug.	1951	2.8	59	--	*45	3.53	3,450
	do	do	do	--	--	Nov.	1938	--	83	--	--	--	ODW
19-26	Reynolds Pond	Trib. of Barren Creek	Bidwell, Ohio	.7	.7	Aug.	1951	12.7	75	--	65.2	.38	548
	do	do	do	--	--	--	1940	--	18	*.034	--	--	ODW
19-27	Mt. Gilead Lake (Upper)	Sams Creek	Mt. Gilead, Ohio	8.55	13/5.5	Aug.	1950	10	15	*.029	57.4	.441	551
	do	do	do	--	--	--	1930	--	28	*.006	--	--	ODW
19-28	Schott Pond	Trib. of Big Walnut Cr.	Westerville, Ohio	.82	.82	Oct.	1948	18	24	*.005	*60	.039	51
	do	do	do	--	--	--	1921	--	7.3	--	--	--	ODW
19-29a	Lake Alma	Unnamed	Wellston, Ohio	.81	.7	Aug.	1951	30	4.8	--	57.1	.1	124
	do	do	do	--	--	Sept	1901	--	774	--	--	--	ODW
19-30	Maple Grove Lake	Sams Creek	Mt. Gilead, Ohio	3.05	3.04	Sept	1951	50	744	--	55.5	.84	1,015
	do	do	do	--	--	Sept	1949	17	23.9	*.012	83.2	.079	143
19-31	Pond Lick Lake	Pond Lick Run	Friendship, Ohio	2.54	2.53	--	1938	--	48	*.024	--	--	ODW
	do	do	do	--	--	July	1950	12.3	39	*.019	58.8	.277	355
19-32	Wolfden Lake	Wolfden Run	do	.6	.6	--	1936	--	25.4	*.053	--	--	ODW
	do	do	do	--	--	July	1950	14.3	23.1	*.048	59.92	.272	355
19-33	Bear Lake	Left Fork Bear Creek	do	.48	.47	July	1935	--	33	*.086	--	--	ODW
	do	do	do	--	--	July	1950	15.3	32	*.083	67.02	.194	283
19-34	McBride Lake	Trib. of Pond Run	do	.61	.61	July	1937	--	13	*.027	--	--	ODW
	do	do	do	--	--	July	1950	13.3	11	*.023	34.01	.225	167
19-35	Roosevelt Lake	Turkey Creek	do	16.38	15.76	--	1935	--	101	*.088	--	--	ODW
	do	do	do	--	--	July	1952	15.3	67	*.005	61	.14	186
19-36a	Adams Lake	Lick Creek	West Union, Ohio	4.45	4.02	Spring	1947	--	318	.067	--	--	ODW
	do	do	do	--	--	July	1956	3.5	304	.085	55.24	.085	1,038
	do	do	do	--	--	Aug.	1950	19	277	.076	--	.624	--
19-37	Vesuvius Lake	Storms Creek	Ironton, Ohio	10.9	10.7	Aug.	1937	--	1.583	.194	--	--	ODW
	do	do	do	--	--	June	1949	12	1,463	.183	*54	.697	820
	do	do	do	--	--	July	1952	3	1,461	.183	54	.019	22
19-38	Pike Lake	Richardson Hollow of Morgan Fork	Bainbridge, Ohio	3.44	3.42	--	1937	--	14/91.4	--	--	--	ODW
	do	do	do	--	--	Aug.	1950	13	14/86.5	--	40.2	.11	963
19-39a	Upper Hocking No. 2	Hunters Run	Lancaster, Ohio	1.87	1.815	Apr.	1956	--	810	*.64	--	--	SCS
	do	do	do	--	--	June	1961	5	804.04	*.63	68.24	.66	976
	do	do	do	--	--	Aug.	1971	10.2	795.41	.62	59.3	.47	539
19-40	Jackson Lake	Black Fork River	Oak Hill, Ohio	18.8	18.4	--	1940	--	*1,700	--	--	--	ODW
	do	do	do	--	--	--	1951	11	*1,590	--	*60	.54	705
19-41	Loramie Lake	Loramie Creek	Ft. Loramie, Ohio	78.7	77.4	--	1840	--	4,115	.099	--	--	ODW
	do	do	do	--	--	--	1960	120	3,115	.075	*65	.11	156
19-42a	Sharon Woods Reservoir	Sharon Creek	Sharonville, Ohio	4.88	4.82	--	1939	--	289	--	--	--	ODW
	do	do	do	--	--	--	1942	2.3	274	--	*70	1.27	1,936
	do	do	do	--	--	--	1945	3.6	252	--	*70	2.44	3,720
	do	do	do	--	--	--	1949	4	206	--	*70	1.38	2,104
19-43	Cowan Lake	Cowan Creek	Wilmington, Ohio	49.6	48.5	--	1947	--	13,305	.367	--	--	ODW
	do	do	do	--	--	--	1960	13	12,770	.352	*50	.847	923
19-44	Hargus Lake	Hargus Creek	Circleville, Ohio	6.6	6.4	--	1956	--	2,926	.671	--	--	ODW
	do	do	do	--	--	--	1960	4	2,892	.663	*50	1.33	1,450

1/ Used drainage area below Hales Bar Dam (8,935 sq. mi.).  
2/ Sediment contributing area reduced by closing Wheeler Dam, Oct. 3, 1936, to 1,135 sq. mi.

3/ Minus (-) indicates scour (treated as negative sediment).

4/ Multiple-use capacity excluding diked areas.

5/ Uncontrolled drainage area 2,776 sq. mi.

6/ Sediment accumulations below elevation 1045'. Flood Pool Elev. = 1062.

7/ Including 19,000 cu. yd. dredged in 1930.

8/ Year survey ranges were established.

9/ 1951 survey includes several additional ranges. Results of 1947 and 1951 surveys are not directly comparable.

10/ Based on total sediment in Washington Mill, Buck, Byllesby, and Fields Reservoirs; total drainage area 1,320 sq. mi.

11/ Without 3 ft. flashboards added in 1945.

12/ Survey dates: Sept.-Nov. 1934; Sept.-Dec. 1942.

13/ 1932 correction for Maple Grove.

14/ Reservoir partially dredged in March-April 1949. Data on amount of material are unreliable. Actual amounts of sediment probably 10 to 25 percent greater than indicated.

\* Estimated or assumed.

**SUMMARY OF  
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975**

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES)		DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN		AGENCY SUPPLYING DATA
				TOTAL	NET						AC-FT.	TONS	
OHIO RIVER BASIN (POINT PLEASANT TO MADISON)													
Kanawha, Big Sandy, Licking, Kentucky, Scioto, and Miami River Basins (Continued)													
19-45	Hillsboro-----	Trib. of Clear Creek--	Hillsboro, Ohio--	.73	.69	-- 1946	--	279.9	.503	--	--	--	ODW
	-----do-----	-----do-----	-----do-----	--	--	-- 1955	9	271.4	.487	*40	1.36	1,190	
19-46a	Delaware Lake-----	Glentangy River-----	Delaware, Ohio--	386	384	Mar. 1951	--	1/14,000	--	--	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	May 1960	9.25	1/13,480	--	*65	.15	208	
	-----do-----	-----do-----	-----do-----	--	--	May 1975	14.99	12,900	--	*65	.1	148	
19-47	W. Fk. Mill Creek Res. (Winton Lake)-----	W. Fork Mill Creek-----	Cincinnati, Ohio--	29.5	28.6	Dec. 1952	--	2/11,466	.609	--	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	May 1961	8.42	11,207	.595	71.8	1.08	1,699	
19-48	Brush Creek Reservoir--	Brush Creek-----	Butler, Ind.-----	13.4	13.11	Dec. 1953	--	2,067.4	.183	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	July 1963	9.6	1,883	.167	48	1.47	1,536	
19-49	Whitewater Lake-----	Silver Creek-----	Liberty, Ind.-----	19.29	19	Sept 1954	--	3,590	*.249	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	July 1963	8.8	3,415.6	*.237	67.5	1.04	1,529	
19-50	Jisco Lake-----	Trib. Little Salt Creek	Jackson, Ohio-----	1.67	1.58	-- 1952	--	1,109	.86	--	--	--	ODW
	-----do-----	-----do-----	-----do-----	--	--	Sept 1968	16	1,032	.846	43.7	.67	638	
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1970	2	1,038	.843	50.7	1.15	2,108	
19-51	Clark Lake-----	Sinking Creek-----	Vienna, Ohio-----	6.68	6.72	Late 1957	--	507.3	.108	--	--	--	ODW
	-----do-----	-----do-----	-----do-----	--	--	Sept 1961	3.8	453.2	.102	--	--	.855	
	-----do-----	-----do-----	-----do-----	--	--	July 1966	7	452.4	.098	--	--	.812	
19-52	Acton Lake-----	Four Mile Creek-----	Oxford, Ohio-----	107.4	106.5	Feb. 1957	--	3,607	.134	--	--	--	ODW
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1961	3/5	3,393	.131	--	--	.402	
19-53	Middle Fork Reservoir--	M. Fk. of E. Fk. White Water Reservoir--	Richmond, Ind.-----	48.14	47.87	Jan. 1962	--	3,250	.101	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1967	5.5	3,040.71	.095	49.6	.79	850	
19-54	Colonial Mine Lake-----	Lamb Creek-----	Beulah, Ky.-----	1.05	1	Fall 1947	--	376.77	.227	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	May 1967	20	193.92	.214	*70	.642	978	
19-55	"A" Strip Mine Lake-----	Clear Creek D. A.-----	Richland, Ky.-----	.009	.009	-- 1947	--	53	3.68	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1967	20	49.3	3.42	*80	20.56	35,824	
19-56	Bluestone Lake-----	New River-----	Hinton, W. Va.-----	4,603	4/2,221	July 1949	--	631,000	--	--	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	May 1965	15.8	625,800	--	*55	.15	180	
19-57	Cowbell Lake-Red Lick WS	Cowbell Creek-----	Big Hill, Ky.-----	1.1	1.07	-- 1954	--	511.8	.46	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Sept 1974	20	505.5	.45	64	.29	411	
19-58	Fishtrap Lake-----	Levisa Fork-----	Millard, Ky.-----	992	387.8	Oct. 1968	--	5/37,460	.115	--	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Mar. 1972	3.42	34,010	.104	*50	2.6	3,115	
	-----do-----	-----do-----	-----do-----	--	--	Jan. 1974	1.85	32,420	.099	60.5	2.22	2,911	
19-59	Fox Creek MPS #4-----	Sand Lick Creek-----	Flemingsburg, Ky.-----	7.31	7.06	Sept 1968	--	5/523	.085	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Feb. 1975	6.5	507	.082	60	.34	417	
19-60	Grayson Lake-----	Little Sandy River-----	Leon, Ky.-----	196	193.6	Aug. 1965	--	5/29,400	.177	--	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Dec. 1974	9.33	29,000	.174	*60	.22	291	
19-61	Little Kentucky R. #4--	Trib. of Bartlette-----	Newcastle, Ky.-----	2.42	2.35	Mar. 1964	--	424.42	1.3	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Mar. 1975	11	405.24	1.23	53.5	.73	846	
19-62	Sutton Lake-----	Elk River-----	Sutton, W. Va.-----	537	530.9	Feb. 1960	--	265,270	.34	--	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Jan. 1973	12.91	264,640	.34	*60	6/1.16	6/209	
TENNESSEE RIVER BASIN (ABOVE HALES BAR DAM)													
20-1b	South Holston-----	S. Fork Holston River--	Bristol, Tenn.-----	703	691	Nov. 1950	--	5/661,888	.905	--	--	--	TVA
	-----do-----	-----do-----	-----do-----	--	--	June 1958	7.6	660,581	.903	*55	.249	298	
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1964	6.2	657,963	.9	*55	.611	732	
20-2b	Watauga-----	Watauga River-----	Hampton, Tenn.-----	468	458	Dec. 1948	--	5/572,600	1.159	--	--	--	TVA
	-----do-----	-----do-----	-----do-----	--	--	Mar. 1953	4.3	571,402	1.156	*55	.603	730	
	-----do-----	-----do-----	-----do-----	--	--	Apr. 1958	5	570,100	1.154	*55	.568	680	
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1964	4.4	568,839	1.151	*55	.43	515	
20-3b	Boone-----	S. Fork Holston River--	Kingsport, Tenn.-----	1,840	662	Dec. 1952	--	196,668	--	--	--	--	TVA
	-----do-----	-----do-----	-----do-----	--	--	June 1958	5.5	195,633	--	*55	.284	340	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1964	6.3	193,446	--	*55	.52	623	
20-4b	Fort Patrick Henry-----	-----do-----	-----do-----	1,903	62	Oct. 1953	--	27,110	--	--	--	--	TVA
	-----do-----	-----do-----	-----do-----	--	--	June 1959	5.6	26,945	--	*55	.468	561	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1964	5.5	26,941	--	*55	.012	14	
20-5c	Cherokee-----	Holston River-----	Jefferson City, TN	3,428	2/1,477	Dec. 1941	--	1,559,570	--	--	--	--	TVA
	-----do-----	-----do-----	-----do-----	--	--	Apr. 1949	7.4	1,550,932	--	*55	.34	407	
	-----do-----	-----do-----	-----do-----	--	--	Apr. 1954	5	1,547,776	--	*55	--	715	
	-----do-----	-----do-----	-----do-----	--	--	June 1959	5.1	1,545,960	--	*55	.241	259	
	-----do-----	-----do-----	-----do-----	--	--	June 1964	5	1,543,927	--	*55	.276	331	

20-5d	Nolichucky	Nolichucky River	Greenville, Tenn.	1,183	1,182	Fall 1913	--	8/3,100	--	--	--	TVA
						Fall 1925	12	3,721,750	-.017	--	--	--
						Feb. 1938	12.5	14,450	.011	50	.252	274
						Apr. 1947	9.2	12,010	.009	*50	.224	245
						May 1953	6.1	9,850	.008	*50	.239	326
						Oct. 1958	5.4	7,760	.006	*50	.327	357
						Feb. 1961	2.3	7,470	.006	50	.107	117
						Mar. 1967	6.1	9,323	.003	*50	.075	82
						Sept. 1970	3.5	2,830	.002	*50	.168	183
20-7c	Douglas	French Broad River	Sevierville, Tenn.	4,541	2,854	Feb. 1943	--	10/1,511,883	.312	--	--	TVA
						July 1949	6.4	1,496,712	.308	*55	.83	994
						May 1955	5.8	1,500,870	.309	*55	11/-	.251
						June 1960	5.1	1,489,978	.307	*55	.748	895
						Aug. 1967	7.2	1,475,450	.304	*55	.707	846
20-8c	Fort Loudoun	Tennessee River	Lenoir City, Tenn.	9,550	1,556	Nov. 1946	--	400,945	--	--	--	TVA
						June 1951	4.6	399,434	--	*55	.214	253
						Apr. 1956	4.8	398,060	--	*55	.181	217
						May 1961	5.1	392,711	--	*55	.874	807
						Feb. 1941	--	--	--	--	--	TVA
20-9b	Thorpe	W. Fk. Tuckasegee River	Glenville, N. C.	36.7	34.4	Sept 1950	9.6	10/70,700	.888	--	--	TVA
						July 1958	7.8	70,537	.886	*55	.61	731
						May 1969	10.9	70,487	.882	*55	.13	160
20-10b	Nantahala	Nantahala River	Aquone, N. C.	91	88	Sept 1950	--	138,083	.561	--	--	TVA
						July 1958	7.9	137,882	.56	*55	.284	340
						Apr. 1961	10.8	137,039	.57	*55	.761	813
20-11c	Fontana	Little Tennessee River	Fontana, N. C.	1,571	1,426	Nov. 1944	--	10/1,455,062	.543	--	--	TVA
						Mar. 1950	5.4	1,452,385	.534	*55	.348	416
						Sept 1954	4.5	1,450,646	.534	*55	.271	324
						June 1959	4.7	1,448,311	.533	*55	.349	418
						Oct. 1967	6.3	1,443,262	.531	*55	.426	511
20-12	Cheoah		Tapeco, N. C.	1,608	1,507	Dec. 1918	--	12/44,030	.026	--	--	TVA
						Sept 1920	11.8	39,035	.014	*55	.264	316
						Aug. 1941	16.9	13/39,030	.613	--	.228	273
20-13c	Caryville	Cove Creek	Caryville, Tenn.	35.98	35.65	Nov. 1936	--	1,726	--	--	--	TVA
						Nov. 1938	2	1,652	--	62	1,038	1,402
						Jan. 1947	8.2	1,580	--	*62	.25	338
						Mar. 1954	7.1	1,347	--	*62	.917	1,238
						Aug. 1960	6.4	1,290	--	*62	.25	338
						July 1970	9.9	1,118	--	*62	.488	658
						Apr. 1975	5.1	1,017	--	*62	.555	693
20-14c	Norris	Clinch River	Norris, Tenn.	2,912	2,823	May 1936	--	10/2,061,569	.692	--	--	TVA
						June 1946	10.3	2,052,557	.691	*55	.317	379
						June 1954	8	2,047,527	.69	*55	.214	256
						Aug. 1960	6.1	2,044,768	.689	*55	.16	191
						June 1970	9.8	2,036,324	.684	*55	.305	366
20-15c	Watts Bar	Tennessee River	Spring City, Tenn.	17,310	2,925	Oct. 1946	--	1,195,229	--	--	--	TVA
						June 1951	4.7	1,193,106	--	*55	.155	186
						Apr. 1956	4.8	1,183,735	--	*55	.667	799
						June 1961	5.1	1,174,954	--	*55	.589	706
20-16b	Chatuge	Hiwassee River	Hayesville, N. C.	189	178	Feb. 1942	--	242,325	.705	--	--	TVA
						Aug. 1949	7.5	242,032	.704	*55	.219	262
						Aug. 1954	5	241,502	.702	*55	.595	712
						Sept 1960	6	240,999	.701	*55	.472	565
						Apr. 1965	4.6	240,516	.699	*55	.59	707
20-17b	Nottely	Nottely River	Blairsville, Ga.	214	207	Jan. 1942	--	10/176,521	.586	--	--	TVA
						Aug. 1949	7.6	175,865	.584	*55	.415	497
						Apr. 1955	5.7	174,969	.581	*55	.581	908
						May 1961	6	174,429	.579	*55	.435	521
						Apr. 1965	4	174,357	.579	*55	.087	104
20-18b	Hiwassee	Hiwassee River	Murphy, N. C.	968	14/539	Feb. 1940	--	10/439,741	--	--	--	TVA
						Aug. 1947	7.5	436,009	--	*55	14/--	14/-
						May 1953	5.8	435,686	--	*55	.104	125
						June 1958	5	434,243	--	*55	.536	642
						May 1965	6.9	433,568	--	*55	.182	218
20-19c	Appalachia		Farner, Tenn.	1,018	48	Feb. 1943	--	56,312	--	--	--	TVA
						Aug. 1950	7.5	57,979	--	*55	.938	1,124
						Sept 1960	10.1	57,550	--	*55	.883	1,058
						May 1965	4.7	57,753	--	*55	11/--	--
20-20c	Blue Ridge	Toccoa River	Blue Ridge, Ga.	232	227	Apr. 1944	--	197,427	.462	--	--	TVA
						Aug. 1949	5.3	196,080	.454	*55	1.119	1,340
						Aug. 1954	5	195,981	.454	*55	.881	1,055
						June 1959	4.8	196,522	.455	*55	11/-	.498
						Apr. 1968	8.8	195,908	.454	*55	.308	368

1/ Capacity at elevation 915'. Flood Pool elevation at 947'. Sediment data pertains to seasonal pool elevation of 915'.

2/ Revised on basis of topographic maps developed for definite project report and sedimentation range data.

3/ 1957 water year included.

4/ Area above Clayton dam, 2382 sq. mi. considered non-contributing.

5/ Multiple-use storage capacity. Reservoir has greater capacity at spillway crest elevation.

6/ Includes an estimated 470 acre-feet of sediment deposited in the original stream channel but not included in area-capacity computations.

7/ Sediment contributing area reduced from 3,381 sq. mi. to 1,477 sq. mi. by closing of Watauga Dam Dec. 1, 1948; South Holston on Nov. 20, 1950; Boone on Dec. 16, 1952; and Fort Patrick Henry on Oct. 27, 1953. Area above Watauga included in 1949 survey as sediment contributing area.

8/ Prior to 1925 dam was 35 ft. lower.

9/ Original volume computed from probings obtained Feb. 1938. Sediment deposits and water inflow computed from dam closure in 1913. Five foot flash boards removed Sept. 1964.

10/ Revised.

11/ Minus (-) indicates scour. Treated as negative sediment.

12/ Computed from probings and available maps.

13/ From first accurate area-volume curves, 1941 conditions.

14/ Nottely Dam closed Jan. 24, 1942. Chatuge Dam closed Feb. 12, 1942.

\* Estimated or assumed.

**SUMMARY OF  
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975**

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQ. MILES)		DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT.)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN		AGENCY SUPPLYING DATA
				TOTAL	NET						AC.-FT.	TONS	
TENNESSEE RIVER BASIN (ABOVE HALES BAR DAM) (CONTINUED)													
20-21e	Ocoee No. 3	Ocoee River	Ducktown, Tenn.	496	263	Aug. 1942	--	14,304	.017	--	--	--	TVA
	do	do	do	--	--	July 1945	2.9	12,140	--	*64	1/2.114	1/2.947	
	do	do	do	--	--	Nov. 1946	1.3	11,343	--	*64	2.312	3.223	
	do	do	do	--	--	Aug. 1948	1.8	10,370	--	*64	1.846	2.294	
	do	do	do	--	--	Aug. 1950	2	9,849	--	*64	1.373	1.914	
	do	do	do	--	--	July 1953	3	8,696	--	*64	1.46	2.035	
	do	do	do	--	--	Oct. 1955	2.1	8,042	--	*64	1.183	1,649	
	do	do	do	--	--	Oct. 1958	3	6,766	--	*64	1.616	2,253	
	do	do	do	--	--	Oct. 1960	2	5,920	--	*64	1.608	2,242	
	do	do	do	--	--	June 1962	1.8	5,286	--	*64	1.388	1,865	
	do	do	do	--	--	Sept 1965	3.2	4,653	--	*64	.753	1,950	
	do	do	do	--	--	Mar. 1968	2.6	4,026	--	*64	.916	1,278	
	do	do	do	--	--	June 1972	4.2	3,879	.005	*64	1.33	1,755	
20-22e	Ocoee No. 1	do	Parksville, Tenn.	595	2/96	Dec. 1911	--	3/109,200	--	--	--	--	TVA
	do	do	do	--	--	Oct. 1940	28.8	4/91,300	--	*64	--	--	
	do	do	do	--	--	Sept 1949	8.9	5/86,737	--	*64	--	--	
	do	do	do	--	--	Aug. 1954	5	87,267	--	*64	6/-1.1	--	
	do	do	do	--	--	June 1959	4.9	86,809	--	*64	.974	1,358	
	do	do	do	--	--	Apr. 1968	8.8	86,466	.091	*64	.406	566	
20-23c	Chickamauga	Tennessee River	Chattanooga, Tenn.	20,790	7/1,805	Nov. 1940	--	748,951	--	--	--	--	TVA
	do	do	do	--	--	July 1947	5.7	734,970	--	*60	7/-	--	
	do	do	do	--	--	Aug. 1954	7	745,178	--	*60	6/- .868	--	
	do	do	do	--	--	May 1956	1.8	740,367	--	*60	1.451	1,935	
	do	do	do	--	--	June 1961	5.1	738,820	--	*60	1.68	220	
20-24d	Hales Bar	do	Jasper, Tenn.	21,790	8/990	Oct. 1935	--	153,483	--	--	--	--	TVA
	do	do	do	--	--	Oct. 1940	5	152,928	--	*61	5/-	--	
	do	do	do	--	--	July 1947	6.7	152,251	--	*61	.102	135	
	do	do	do	--	--	Aug. 1954	7.1	152,992	--	*61	6/- .105	--	
	do	do	do	--	--	May 1956	1.6	153,032	--	*61	6/- .022	--	
	do	do	do	--	--	June 1961	8.1	154,032	--	*61	6/- .192	--	
	do	do	do	--	--	Dec. 1967	6.5	184,012	.0056	--	5/-	--	
20-25	Kanuga Lake	Little Mud Creek	Hendersonville, N.C.	1.54	1.5	-- 1908	--	9/ 246	.12	--	--	--	SCS
	do	do	do	--	--	Oct. 1956	48	190	.036	43.1	.78	752	
20-26	Osceola Lake	Shepard Creek	do	4.45	4.39	-- 1923	--	3/ 329	.055	--	--	--	SCS
	do	do	do	--	--	Oct. 1956	33	267	.045	45.7	.428	426	
20-27	Melton Hill	Clinch River	Clinton, Tenn.	3,343	422	July 1963	--	125,900	.0429	--	--	--	TVA
	do	do	do	--	--	May 1970	7	125,578	.0428	*55	--	1.09	131
20-28a	Upper Ollis Creek Res.	Ollis Creek	LaFollette, Tenn.	10.8	10.75	Apr. 1964	--	641	.051	--	--	--	TVA
	do	do	do	--	--	Oct. 1970	6.5	649	.05	*62	.166	224	
	do	do	do	--	--	Sept 1971	.9	649	.05	*62	.052	207	
	do	do	do	--	--	Oct. 1972	1.1	638	.049	*62	.905	336	
	do	do	do	--	--	Oct. 1973	1.	625	.048	*62	1.219	475	
	do	do	do	--	--	Oct. 1974	1.	619	.047	*62	.605	508	
	do	do	do	--	--	Oct. 1975	1.	615	.047	*62	.363	506	
20-29	Beaver Cr. Detention Dam	Beaver Creek	Bristol, Va.	13.7	13.7	Dec. 1965	--	5,026	.454	--	--	--	TVA
	do	do	do	--	--	Aug. 1971	5.8	5,023	.454	*62	--	.038	51
20-30	Clear Creek Lake	Clear Creek	do	5.75	5.68	Dec. 1965	--	10/229	.694	--	--	--	TVA
	do	do	do	--	--	Aug. 1971	5.8	294	.063	*62	.152	265	
OHIO RIVER BASIN (ABOVE POINT PLEASANT) AND LAKE ERIE DRAINAGE													
21-1	Pleasant Hill	Clear Fork	Perrysville, Ohio	199	195	Oct. 1938	--	87,700	.676	--	--	--	CE
	do	do	do	--	--	Feb. 1945	6.25	87,424	.674	*65	--	.227	321
21-2a	Senecaville	Seneca Fork	Seneca, Ohio	121	113	Oct. 1936	--	88,500	.962	--	--	--	CE
	do	do	do	--	--	Mar. 1945	6.3	87,667	.953	*65	--	.89	1,260
21-3a	Charles Mill	Black Fork, Mohican R.	Wansfield, Ohio	216	207	June 1938	--	86,000	*.637	--	--	--	CE
	do	do	do	--	--	Sept 1947	8.25	85,886	*.641	*65	1.24	1,755	
	do	do	do	--	--	July 1954	7.75	85,483	*.638	*65	.253	.358	
21-4	Hinckston Run	Hinckston Run	Johnstown, Pa.	10.75	10.57	-- 1905	--	3,453	--	--	--	--	SCS
	do	do	do	--	--	Sept 1937	32	3,315	--	*60	--	.408	533
21-5	Quemahoning	Quemahoning Creek	do	92	90.7	Jan. 1912	--	35,295	--	--	--	--	SCS
	do	do	do	--	--	Sept 1937	25.8	34,413	--	--	--	.377	
21-6	Salt Lick	Salt Lick Run	do	11.86	11.76	-- 1914	--	2,492	--	--	--	--	SCS
	do	do	do	--	--	Sept 1937	23	2,432	--	*60	--	.22	287
21-7a	Bridgeport (Upper)	Jacobs Creek	Wt. Pleasant, Pa.	12/31.64	12/31.52	Mar. 1967	--	453	.016	--	--	--	SCS
	do	do	do	--	--	Nov. 1957	30.6	453	.011	--	--	12/.118	168
	do	do	do	--	--	Nov. 1964	27	338.5	.008	65.4	.134	191	

21-8	Barberton	Wolf Creek	Barberton, Ohio	28.2	28	--	1926	--	2,056	*.101	--	--	--	SCS	
	do	do	do				Dec. 1938	12	1,688	*.063	*.55	1.1	1,320	SCS	
21-9	Buckeye Lake	S. Fork Licking River	Willersport, Ohio	13/49.2	45.1	--	1832	--	14/19,940	--	--	--	--	SCS	
	do	do	do				July 1939	107	15,790	--	*.50	.86	937	SCS	
21-10	Leesville	McGuire Creek	Leesville, Ohio	48	45.7	--	Aug. 1936	--	3,400	*1.159	*.50	--	--	SCS	
	do	do	do				Nov. 1939	3.3	37,390	*1.159	*.50	--	.067	73	
21-11	Muskingum College	Trib. Muskingum River	New Concord, Ohio		.32	.31	--	1915	--	9.41	*.042	--	--	SCS	
	do	do	do				Nov. 1935	20	7.05	*.031	*.70	--	.381	581	
21-12	Ohio Cons. Pond No. 22	Trib. of Duck Creek	Marietta, Ohio		.05	.05	--	Oct. 1938	--	4.43	*.116	--	--	SCS	
	do	do	do				Nov. 1939	1.1	4.21	*.11	*.40	4	3,485	SCS	
21-13	Ohio Cons. Pond No. 51	Trib. of Ohio River	do		.13	.13	--	Oct. 1938	--	15.16	*.152	--	--	SCS	
	do	do	do				Nov. 1939	1.1	15.02	*.151	*.40	--	.977	851	
21-14	Ohio Cons. Pond No. 52	do	do		.17	.16	--	1928	--	17.95	*.138	--	--	SCS	
	do	do	do				Nov. 1939	11	15.4	*.118	*.50	1.45	1,579	SCS	
21-15	Robbins Lake	Ford Creek	Hartford, Ohio	4.47	4.45		Summer 1922	--	91.6	*.028	--	--	--	SCS	
	do	do	do				Dec. 1939	17.4	79.9	*.025	*.68	.151	224	SCS	
21-16	Gorleys Lake	Trib. Youghiogheny R.	Uniontown, Pa.	3	2.97		1908	--	150	--	--	--	--	SCS	
	do	do	do				June 1939	30	138	--	*.60	--	.135	176	
21-17	Lake Rockwell	Cuyahoga River	Kent, Ohio	205.5	15/224.1		Aug. 1914	--	7,423	--	--	--	--	SCS	
	do	do	do				Aug. 1950	36	6,887	--	--	.12	120	SCS	
21-18a	Stony Lake	McGuire Creek	Perrysville, Ohio	11.75	11.72		1927	--	121	--	--	--	--	ODW	
	do	do	do				Dec. 1938	11	80	--	*.65	--	.319	452	
21-19	Tabor Club Lake	Small Br. Muskingum R.	do		.55	.54	May 1949	10.4	61	--	*.65	--	.156	221	
	do	do	do				1923	--	53.6	--	*.145	--	--	SCS	
21-20	Zanesville Nursery Lake	N. Br. Blount Run	Zanesville, Ohio	2.95	2.93		Dec. 1938	15	42.4	*.115	*.50	16/1.38	1,500	SCS	
	do	do	do				Dec. 1936	--	76.62	*.034	--	--	--	SCS	
21-21b	Tionesta Lake	Tionesta Creek	Tionesta, Pa.	478	474		July 1941	4.6	72.23	*.032	--	--	.326	462	
	do	do	do				Feb. 1941	--	21	--	*.65	--	--	CE	
21-22b	Loyalhanna	Loyalhanna Creek	Saltsburg, Pa.	290	285		Sept 1949	8.6	133,400	--	*.214	--	.203	287	
	do	do	do				May 1971	21.7	132,365	--	*.214	66.3	.02	31	
	do	do	do				June 1942	--	17/95,300	--	.278	--	--	CE	
	do	do	do				Oct. 1948	6.33	94,652	--	.276	*.44	.358	343	
21-23b	Mahoning Creek	Mahoning Creek	Dayton, Pa.	340	336		Sept 1953	4.92	94,192	--	.275	*.44	.326	312	
	do	do	do				Apr. 1962	8.58	93,501	--	.273	*.44	.284	272	
	do	do	do				June 1941	--	73,800	--	.18	--	--	CE	
21-24b	Crooked Creek	Crooked Creek	Ford City, Pa.	277	274		Aug. 1948	7.2	18/74,800	--	.172	*.65	.162	228	
	do	do	do				June 1965	16.8	72,800	--	.177	*.43	.176	167	
	do	do	do				Apr. 1940	--	19/93,900	--	.307	--	--	CE	
21-25a	Tygart River	Tygart River	Grafton, W. Va.	1,184	1,179		Sept 1945	5.4	93,808	--	*.507	*.65	.062	87	
	do	do	do				Aug. 1964	18.9	92,376	--	*.302	*.51	.277	308	
	do	do	do				Oct. 1937	--	289,600	--	.175	--	--	CE	
21-26b	Youghiogheny River Lake	Youghiogheny River	Confluence, Pa.	434	428		20/	Feb. 1945	21.5	287,700	--	.174	*.65	.075	106
	do	do	do				Mar. 1959	--	254,000	--	.406	--	--	CE	
	do	do	do				Oct. 1943	6	253,121	--	*.405	*.65	.341	483	
21-27a	Atwood Reservoir	Indian Fk., Conotout Cr.	Sherrodsville, O.	70	66.2		Oct. 1973	24	248,065	--	.398	50.6	.493	516	
	do	do	do				Apr. 1940	--	49,700	--	.394	--	--	CE	
21-28	Babb Pond	Unnamed	Richfield, Ohio		.02	.02	Dec. 1946	6.7	49,570	--	.991	*.65	.29	410	
	do	do	do				1932	--	245	--	*.619	--	--	SCS	
21-29	Basom Pond	do	Hudson, Ohio		.32	.32	Apr. 1951	19	189	--	*.615	*.60	.15	166	
	do	do	do				1944	--	3.27	--	*.619	--	--	SCS	
21-30	Christener Pond	do	Parma, Ohio		.09	.09	Apr. 1951	7	3.24	--	*.616	*.50	.201	367	
	do	do	do				1940	--	3.4	--	*.656	--	--	SCS	
21-31	Schoeck Pond	do	Richfield, Ohio		.03	.03	Apr. 1951	11	2.79	--	*.046	*.60	.611	798	
	do	do	do				1940	--	1.48	--	*.076	--	--	SCS	
21-32	Ticky Pond	do	Peninsula, Ohio		.16	.16	Apr. 1951	11	1.29	--	*.066	*.60	.567	741	
	do	do	do				1949	--	2.84	--	*.027	--	--	SCS	
21-33b	Lake Hope	Sandy Run	Zaleski, Ohio	9.95	9.75		Apr. 1951	2	2.81	--	*.027	*.60	.1	131	
	do	do	do				May 1949	--	1,535	--	.261	--	--	ODW	
	do	do	do				July 1949	10.2	1,511	--	.195	74.8	.442	720	
	do	do	do				June 1955	5.9	1,481	--	.191	--	.523	--	
21-34b	Jefferson Lake	Town Fk. Yellow River	Richmond, Ohio	7.52	7.48		Aug. 1969	14.2	1,451	--	.187	--	.213	--	
	do	do	do				Dec. 1935	--	178	--	.029	--	--	ODW	
	do	do	do				Aug. 1950	15	155	--	.025	37.9	.199	164	
	do	do	do				June 1956	6	134	--	.022	--	.466	--	
	do	do	do				June 1961	5	131	--	.021	--	.078	--	

1/ Does not include 553 ac.-ft. of sediment flushed into reservoir when small dam failed in March 1944.

2/ Blue Ridge Reservoir closed Dec. 6, 1930. Ocoee #3 closed Aug. 15, 1942.

3/ Based on Trent Electric Power Co. data adjusted to latest topographic maps.

4/ Volume computed by average end area method from first accurate area-volume curves - 1940 conditions.

5/ Volume computed from contours based on 1949 survey.

6/ Minus (-) indicated scour. Treated as negative sediment.

7/ Sediment contributing area reduced by closing Watts Bar Dam on Jan. 1, 1942, and Appalachia Dam, Feb. 14, 1943.

8/ Norris Dam closed Mar. 4, 1936, and Chickamauga Dam closed Jan. 15, 1940, reducing sediment contributing area to 990 sq. mi.

9/ Determined during 1936 survey.

10/ Conservation pool capacity. Reservoir has greater capacity at spillway crest elevation.

11/ Date storage began. Sediment ranges established and surveyed in Dec. 1937 by Soil Conservation Service, USDA.

12/ Original data revised. 1964 survey data based on corrected elevation and topography from transit survey (1963).

13/ Drainage area has been 115 sq. mi. (net) part of the time in the past, when fed partly by feeder from S. Fork Kirtzville River.

14/ At present spillway elevation (lowered in 1908). From 1836 to 1908, spillway elevation was 893.4, surface area 3,636 acres, and capacity 22,090 ac.-ft. From 1832 to 1836, spillway elevation was lower and surface area was 3,136 acres. Natural lake of 650 acres originally.

15/ East Branch Reservoir and many natural lakes act as efficient sediment traps.

16/ Dam failed earlier in 1938 but little sediment lost.

17/ At elevation 975. Elevation top of gates = 976 ft.

18/ At elevation 1,162. Elevation top of gates = 1,164 ft.

19/ At elevation 920. Spillway crest elevation = 918 ft.

20/ In view of the limited amount of sediment computed in the 1945 report (384 ac.-ft.), the values of the 1945 report are not included and were not used in computing survey data for the 1959 report. It is considered that the longer period (21.5 yr.) was necessary to develop a volume capable of being measured with a reasonable degree of accuracy.

\* Estimated or assumed.

**SUMMARY OF  
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975**

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES)		DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN		AGENCY SUPPLYING DATA
				TOTAL	NET						AC.-FT.	TONS	
OHIO RIVER BASIN (ABOVE POINT PLEASANT) AND LAKE ERIE DRAINAGE (Continued)													
21-35c	Clouse Lake	Ctr. Br. Rush Creek	Somerser, Ohio	8.7	8.66	-- 1948	--	234	.037	--	--	--	ODW
	do	do	do	--	--	-- 1949	2	217	.035	1/55.7	1	2,125	
	do	do	do	--	--	-- 1950	1	206	.033	1/50.6	1.27	1,177	
	do	do	do	--	--	-- 1951	1	202	.032	1/53	.45	693	
	do	do	do	--	--	-- 1952	1	199	.032	1/55.6	.34	509	
	do	do	do	--	--	-- 1953	1	197	.031	1/65.3	.25	1,239	
	do	do	do	--	--	-- 1954	1	193	.031	1/68.2	.41	326	
	do	do	do	--	--	-- 1955	1	192	.031	--	.14	--	
	do	do	do	--	--	-- 1956	1	187	.03	--	.55	--	
	do	do	do	--	--	-- 1957	1	183	.029	--	.47	--	
	do	do	do	--	--	-- 1958	1	177	.028	--	.64	--	
	do	do	do	--	--	-- 1959	1	176	.028	--	.18	--	
	do	do	do	--	--	-- 1961	2	170	.027	--	.37	--	
	do	do	do	--	--	-- 1962	1	166	.026	--	.42	--	
	do	do	do	--	--	-- 1963	1	163	.026	--	.33	--	
	do	do	do	--	--	-- 1964	1	159	.025	--	.45	--	
	do	do	do	--	--	-- 1965	2	150	.024	--	.55	--	
	do	do	do	--	--	-- 1967	1	148	.024	--	.22	--	
	do	do	do	--	--	-- 1968	1	146	.023	--	.236	--	
	do	do	do	--	--	-- 1969	1	145	.023	--	.136	--	
	do	do	do	--	--	-- 1970	1	142	.023	--	.319	--	
21-36	East Branch	E. Br. Cuyahoga River	Burton, Ohio	17.53	16.88	-- 1939	--	4,659	*.34	--	--	--	ODW
	do	do	do	--	--	June 1949	9.7	4,535	*.331	*40	.759	561	
21-37	Westville Lake	Trib. of Mahoning River	Alliance, Ohio	8.36	8.22	-- 1913	--	994	--	--	--	--	ODW
	do	do	do	--	--	Aug. 1950	37	933	--	66	.2	287	CE
21-38	Berlin	Mahoning River	Berlin Center, O.	249	246	July 1943	E.4	91,200	.551	*100	1.3	2,830	
	do	do	do	--	--	Nov. 1951	8.4	122,75	--	--	--	--	SCS
21-39a	Mountain Lake	Eroad Ford Run	Mt. Lake Park, Md.	7.4	7.4	July 1957	76	77.02	--	--	.681	--	
	do	do	do	--	--	1931	--	.15	--	--	--	--	ODW
21-40	Blazor Lake	Trib. of Sandy Creek	Minerva, Ohio	.07	.07	-- 1938	7	0	--	*65	.29	410	
	do	do	do	--	--	-- 1930	--	.11	--	--	--	--	ODW
21-41	Braden Lake	do	do	.12	.12	-- 1938	8	0	--	65	.08	113	
	do	do	do	--	--	-- 1916	--	28,100	--	--	--	--	ODW
21-42	Lake Milton	Mahoning River	Milton, Ohio	280	277.4	-- 1941	25	22,250	--	*65	.84	1,189	
	do	do	do	--	--	-- 1946	--	9.46	--	--	--	--	ODW
21-43	Peters Pond	Trib. of Indian Creek	Lancaster, Ohio	.11	.11	-- 1946	8	9.11	--	48.1	.36	377	
	do	do	do	--	--	-- 1930	--	11.5	--	--	--	--	ODW
21-44	Wyandot Lake	Trib. of Clear Creek	Logan, Ohio	.58	.58	-- 1948	18	4.65	--	--	.657	--	
	do	do	do	--	--	-- 1928	--	169.99	--	--	--	--	SCS
21-45	Orchard Park	Pipe Creek	Orchard Park, N.Y.	1.67	--	Oct. 1951	23	161.26	--	*60	.23	300	
	do	do	do	--	--	-- 1902	--	144.8	--	--	--	--	SCS
21-46	Terra Alta Lake	Snowy River	Kingwood, W. Va.	4.76	--	June 1952	56	117.7	--	*50	1.17	127	
	do	do	do	--	--	-- 1955	--	28.5	--	.01	--	--	ODW
21-47	Centerville Mills Lake	Aurora Br. Chargrin R.	Aurora, Ohio	19.4	16.85	-- 1949	24	36.3	--	.34	.0493	69	
	do	do	do	--	--	-- 1929	--	32,400	--	.597	--	--	ODW
21-48	Meander Creek	Meander Creek	Youngstown, Ohio	84.9	81.76	-- 1949	20	31,835	.566	*65	.346	489	
	do	do	do	--	--	Oct. 1954	--	69.58	.265	--	--	--	SCS
21-49a	Harvard Mason	Salem Fork	Salem, W. Va.	.29	.28	Oct. 1956	2	68.95	.262	*60	1.13	1,477	
	do	do	do	--	--	Oct. 1958	2	68.77	.261	*60	.32	420	
	do	do	do	--	--	Dec. 1960	2.2	68.6	.261	*60	.28	358	
21-50	Knox Lake	E. Branch Kokosing	Fredericktown, O.	31.4	30.66	2/Fall 1949	--	3,502	.146	--	--	--	ODW
	do	do	do	--	--	Aug. 1960	7	3,399	.142	--	.48	--	
	do	do	do	--	--	July 1970	10	3,283	.137	--	.378	--	
21-51	Veto Lake	Little Hocking River	Helpre, Ohio	20.04	19.79	May 1954	--	1,111	.0642	--	--	--	ODW
	do	do	do	--	--	July 1955	1.2	1,092	.0631	--	.787	--	
	do	do	do	--	--	July 1965	5	1,059	.0612	--	.341	--	
	do	do	do	--	--	Aug. 1965	6	1,009	.0583	--	.419	--	
21-52	Clear Fork Reservoir	Clear Fork	Lexington, Ohio	33.63	32.05	Oct. 1948	--	13,176	.565	--	--	--	ODW
	do	do	do	--	--	Aug. 1956	8	12,886	.553	--	1.13	--	
	do	do	do	--	--	July 1962	6	12,731	.546	--	.806	--	
21-53	Findley Lake	Wellington Creek	Wellington, Ohio	6.25	6.12	Mar. 1956	--	760.4	.19	--	--	--	ODW
	do	do	do	--	--	June 1961	5.6	745.5	.186	--	.435	--	
21-54	Lake Logan	Clear Fork	Logan, Ohio	14.7	14.17	Feb. 1953	--	3,142	.291	--	--	--	ODW
	do	do	do	--	--	Aug. 1966	11.8	3,081	.285	--	.363	--	

21-55a	Ischua Creek Site #2	Johnson Creek	Franklinville, N. Y.	2.8	2.75	Aug. 1964	--	488.96	.164	--	--	--	SCS
	do	do	do	--	--	Aug. 1971	6.97	488.34	.164	*80	.032	56	
	do	do	do	--	--	Sept 1974	3.15	588.09	.163	*80	.329	50	
21-56a	Ischua Creek Site #5	Gates Creek	do	6.4	6.28	Aug. 1964	--	1,058.56	.155	--	--	84	SCS
	do	do	do	--	--	Aug. 1971	6.97	1,056.44	.155	*80	.048	54	
	do	do	do	--	--	Sept 1974	3.2	1,055.63	.155	*80	.03	53	
21-57a	N. Fk. Cowanesque R. (PA-406)	White Branch	North Fork, Pa.	3.4	3.3	Aug. 1962	--	654.13	.21	--	--	--	SCS
	do	do	do	--	--	July 1967	4.9	653.89	.21	71	4.01	4/16	SCS
21-58	Salem Fork No. 11A	Varner Hollow	Salem, W. Va.	288	287	Oct. 1954	--	53	.168	--	--	--	
	do	do	do	--	--	Oct. 1956	2	52.25	.166	*60	1.307	1,708	
	do	do	do	--	--	Oct. 1958	2	52.05	.165	--	--	455	
	do	do	do	--	--	Dec. 1960	2.17	51.95	.165	--	--	16	
	do	do	do	--	--	June 1962	1.56	51.75	.164	--	--	443	
21-59	Upper Hocking No. 1	Hunters Run	Lancaster, Ohio	1.04	.94	Apr. 1952	--	45	.582	--	--	--	SCS
	do	do	do	--	--	June 1962	6.08	446.12	.875	71.6	.678	1,637	
21-60	Beach City Lake	Sugar Creek	Beach City, Ohio	300	299.3	Nov. 1936	--	5/1,700	.009	--	--	--	CE
	do	do	do	--	--	Apr. 1974	37.5	5/305	.002	*65	.12	176	
21-61	Dillon Lake	Licking River	Zanesville, Ohio	742	5/690	Feb. 1961	--	5/17,500	.032	--	--	--	CE
	do	do	do	--	--	Mar. 1973	12.16	5/16,100	.029	*65	.17	234	
21-62	Polk Creek Site #6	White Oak Run	Weston, W. Va.	.47	.47	Sept 1965	--	116.5	.245	--	--	--	SCS
	do	do	do	--	--	Apr. 1971	5.7	120.42	.23	72	1.34	2,101	
21-63	Tom Jenkins (Burr Oak)	E. Br. Sunday Creek	Burr Oak, Ohio	33.1	31.2	Apr. 1952	--	26,910	1.13	--	--	--	CE
	do	do	do	--	--	May 1965	13.3	26,700	1.12	*65	.42	600	

GREAT LAKES DRAINAGE (IN MICHIGAN) AND MAUMEE RIVER BASIN

22-1	Grand (L. St. Mary's)	St. Mary's & Wabash R.	Celina, Ohio	118	93	-- 1844	--	Z/130,175	*2.193	--	--	--	SCS
	do	do	do	--	--	Aug. 1940	96	160,605	*1.796	--	2.84	3,182	
22-2	Stromach	Pine R. of Manistee R.	Wellston, Mich.	291	235	-- 1912	--	240	*.063	--	--	--	SCS
	do	do	do	--	--	Jan. 1935	41	27.7	*.001	110.4	.764	134	
22-3	Soller Pond	Unnamed	Defiance, Ohio	.026	.024	Mar. 1945	--	9.5	*.761	--	--	--	ODW
	do	do	do	--	--	Aug. 1951	6.4	9.4	*.753	.45	.32	302	
22-4a	Auglaize R. Power	Auglaize River	do	2,329	2,326	-- 1912	--	8/14,400	.012	--	--	--	ODW
	do	do	do	--	--	-- 1951	39	11,600	.009	--	.031	--	
22-5	Eagle Creek 9/	Eagle Creek	do	5.23	5.2	-- 1912	--	129	.05	--	--	--	ODW
	do	do	do	--	--	July 1951	39	74	*.029	59	.27	347	
22-6	Beetree Creek 9/	Beetree Creek	do	1.94	1.91	Aug. 1912	--	14	*.156	--	--	--	ODW
	do	do	do	--	--	Apr. 1947	--	104	*.109	52.5	.53	675	
22-7	Batt Pond	Unnamed	do	.013	.012	Apr. 1947	--	2.6	*.417	--	--	--	ODW
	do	do	do	--	--	July 1951	4.3	2.5	*.401	73.4	2.75	4,396	
22-8	Harrison Lake	Mill Creek	Fayette, Ohio	37.2	37	-- 1941	--	991	.051	--	--	--	ODW
	do	do	do	--	--	June 1949	8.3	923.1	.048	55.2	.2	232	
	do	do	do	--	--	July 1951	2.1	302.4	*.046	*55	.34	392	
22-9	Allmandinger Pond	Unnamed	Ohio City, Ohio	.038	.035	Jan. 1945	--	5.08	*.239	--	--	--	ODW
	do	do	do	--	--	July 1951	6.7	4.71	*.221	53.7	1.71	2,001	
22-10	Bucyrus No. 2	Trib. Sandusky River	Bucyrus, Ohio	2.84	2.79	July 1913	--	242	.12	--	--	--	ODW
	do	do	do	--	--	June 1949	30	218	.108	45.4	.28	277	
22-11c	Contris Pond 10/	Trib. of Hoo Creek	Lafayette, Ohio	.13	.13	-- 1947	--	9.2	.133	--	--	--	ODW
	do	do	do	--	--	-- 1951	4	7.9	.114	57.8	2.6	3,270	
	do	do	do	--	--	-- 1954	3	7.4	.107	*49.3	1.36	1,460	
	do	do	do	--	--	-- 1962	8	6.3	.091	--	.969	--	
22-12	Sixmile Creek 9/	Sixmile Creek	Defiance, Ohio	21.6	21.4	-- 1912	--	995	*.094	--	--	--	ODW
	do	do	do	--	--	July 1951	39	698	*.066	43.8	.36	543	
22-13a	Burt Lake	Unnamed	Oakwood, Ohio	.76	.74	Sept 1948	--	59	*.155	--	--	--	ODW
	do	do	do	--	--	July 1951	2.8	57	.15	37.2	1.13	924	
22-14	Kohart Pond	do	Grover Hill, Ohio	.021	.019	Sept 1943	--	2.4	*.229	--	--	--	ODW
	do	do	do	--	--	July 1951	7.8	2.3	*.219	26.1	.53	301	
22-15	Van Buren Lake	Rocky Ford Creek	Findlay, Ohio	22.8	22.72	Spring 1939	--	248	.022	--	--	--	ODW
	do	do	do	--	--	Nov. 1948	9.5	205	.019	53.5	.2	233	
	do	do	do	--	--	Aug. 1951	2.8	186	.017	57.9	.31	391	
22-16	Norvell Lake	River Raisin	Norvell, Mich.	58.5	25.3	May 1969	100	717.6	.026	--	--	--	SCS
	do	do	do	--	--	-- 1927	--	258.1	.016	--	--	--	SCS
22-17	Sharon Hollow	do	Manchester, Mich.	34.7	25	May 1969	42	143.9	.009	30.1	.11	72	
	do	do	do	--	--	-- 1948	--	249.3	.016	--	--	--	SCS
22-18	Brooklyn Mill Pond	do	Brooklyn, Mich.	29.6	6.2	May 1969	21	166.3	.012	43.4	.484	457	
	do	do	do	--	--	-- 1945	--	288.9	.02	--	--	--	SCS
22-19	Manchester Power Dam	do	Manchester, Mich.	6.4	6.4	May 1969	28	239.5	.06	31.5	.2	137	
	do	do	do	--	--	-- 1966	--	1,351	.024	--	--	--	SCS
22-20	Iron Mill Pond	Iron Creek	do	14.4	5.2	Aug. 1966	--	1,159	.156	--	.75	--	SCS
	do	do	do	--	--	-- 1937	--	225	.0074	--	--	--	SCS
22-21	Phoenix Pond	Middle River Rouge	Plymouth, Mich.	56.85	56.85	Sept 1969	100	170	.0056	41.8	.0097	9	
	do	do	do	--	--	-- 1937	--	240.1	.0061	--	--	--	SCS
22-22	Saline Mill Pond	Saline River	Saline, Mich.	73.6	63	Mar. 1969	31	129.6	.0033	44	.057	54	
	do	do	do	--	--	-- 1906	--	21.33	.0026	--	--	--	SCS
22-23	Manchester Mill Pond	Raisin River	Manchester, Mich.	17	17	May 1969	63	10.9	.0013	38	.01	8	
	do	do	do	--	--	-- 1927	--	76.7	.025	--	--	--	SCS
22-24	Bridgeway Lake	Unnamed	Dexter, Mich.	7.5	7.5	May 1969	41	47.9	.0156	46	.093	93	

1/ Density for entire period of record.  
 2/ Computed from differences in total sediment accumulation in tons at each survey.  
 3/ Gate closed Fall 1949. Drained March 1950. Gate closed May 1954.  
 4/ Sediment pool only.  
 5/ Conservation or multiple-use pool capacity - Reservoir has greater capacity at spillway crest elevation.  
 6/ 49 sq. mi. of total drainage area controlled by Buckeye Lake.

7/ At present spillway elevation (lowered in 1856). In 1844 surface area was 17,603 acres and storage capacity was 220,400 ac.-ft.  
 8/ Capacity and sediment figures include that of several tributary arms including Beetree, Eagle and Sixmile Creeks.  
 9/ Tributary arm of Auglaize River Power Reservoir.  
 10/ All figures subject to readjustment because of minor dredging which occurred in 1953.  
 \* Estimated or assumed.



**SUMMARY OF  
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975**

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQ. MILES)		DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN		AGENCY SUPPLYING DATA
				TOTAL	NET						AC.-FT.	TONS	
GREAT LAKES DRAINAGE (IN MICHIGAN) AND MAUMEE RIVER BASIN (Continued)													
22-25	Franklin Mill Pond-----	Franklin Branch Rouge--	Franklin, Mich.---	13.8	7.8	-- 1833 --	--	97.8	.0133	--	--	--	SCS
22-26	Waterford Pond-----	Middle River Rouge-----	Northville, Mich.---	54	54	Apr. 1969 136	--	13.1	.0018	50	-- .079	86	SCS
22-27	Tecumseh Mill Pond-----	Evans Creek-----	Tecumseh, Mich.---	31.6	26.3	Sept 1969 100	--	173	.0087	--	-- .013	11	SCS
22-28	Belleville Lake-----	Huron River-----	Belleville, Mich.---	810	20.3	-- 1827 --	--	227.8	.01501	--	--	--	SCS
22-29	Ford Lake-----	-----	Ypsilanti, Mich.---	790	11.2	Apr. 1969 142	--	94.7	.0062	59	-- .0356	45	SCS
22-30	Barton Pond-----	-----	Ann Arbor, Mich.---	708	183	-- 1929 --	--	19,945	.0513	--	--	--	SCS
22-31	Red Mill Pond-----	Upper Raisin-----	Tecumseh, Mich.---	172.9	25.9	July 1969 40	--	17,980	.0462	69	2.42	3,637	SCS
22-32	H. N. Fry Pond-----	Squaw Creek-----	Onstead, Mich.---	12.45	12.45	-- 1933 --	--	17,926	.0472	--	--	--	SCS
22-33	Newburgh Lake-----	Middle Rouge-----	Plymouth, Mich.---	54.3	54.3	July 1969 56	--	16,085	.0424	61	4.56	8,045	SCS
22-34	Lake Adrian-----	Wolf Creek-----	Adrian, Mich.---	65	59	Aug. 1915 --	--	3,150	.0083	--	--	--	SCS
						July 1969 54	--	2,601	.0068	39	-- .055	46	SCS
						Aug. 1969 100+	--	677	.0081	--	--	--	SCS
						Eriy 1962 --	--	336	.064	41.9	-- .13	118	SCS
						Aug. 1969 7	--	121.3	.02	--	--	--	SCS
						-- 1933 --	--	116	.019	--	-- .06	--	SCS
						Sept 1969 36	--	667.8	.026	--	--	--	SCS
						-- 1942 --	--	562.9	.022	56.08	-- .054	66	SCS
						Sept 1969 28	--	1,000	.032	--	--	--	SCS
							--	651	.027	75.1	-- .09	147	
GREAT LAKES DRAINAGE (IN MICHIGAN AND WISCONSIN)													
23-1	Little Black, Site #A---	Little Black River-----	Cheyboygan, Mich.---	9.7	9.7	Oct. 1960	--	275	.035	--	--	--	SCS
						Sept 1976 16	--	--	--	125	-- .0009	2	
MISSISSIPPI RIVER BASIN (LOUISIANA TO CHESTER) ILLINOIS, KASKASKIA, AND MERAMEC RIVER BASINS													
24-1a	L. Williamson (Artic Pd)	Trib. of Honey Creek---	Carlinville, Ill.---	.53	.51	-- 1922 --	--	175.6	.614	--	--	--	IWS
						-- 1959 27	--	159.5	.558	46.24	1.18	1,188	
						-- 1954 5	--	152.2	.532	46.24	2.9	2,921	
24-2b	Lake Bloomington-----	Money Creek-----	Hudson, Ill.---	61	60	-- 1961 7	--	147.6	.516	46.24	1.25	1,259	IWS
						Dec. 1929 --	--	6,654	1,981	--	--	--	IWS
						Aug. 1948 18.7	--	6,062	1,805	41.5	.528	477	
						Aug. 1962 4	--	5,905	1,756	41.5	.655	592	
						July 1955 2.9	--	5,863	1,748	--	.242	243	
24-3b	Lake Carlinville-----	Honey Creek-----	Carlinville, Ill.---	26.06	25.79	June 1939 --	--	1,725	.118	--	--	--	IWS
						June 1949 10.4	--	1,475	.101	59.1	.934	1,200	
						July 1954 5.1	--	1,427	.098	65.7	.365	521	
						Sept 1959 5.1	--	1,387	.095	62.4	.302	480	
24-4a	Lake Decatur-----	Sangamon River-----	Decatur, Ill.---	906	902	Apr. 1922 --	--	19,738	--	--	--	--	SCS
						July 1936 14.2	--	16,380	--	--	.22	192	
						June 1946 10	--	14,567	--	51.7	.26	224	
						-- 1956 10	--	1,233,371	--	--	.09	141	
						-- 1966 10	--	22,340	--	--	.11	154	
24-5	Shaefer Pond-----	Trib. of Cahokia Creek--	Edwardsville, Ill.---	.087	.083	Nov. 1937 --	--	20.2	--	--	--	--	IWS
						July 1949 11.8	--	17.6	--	*50	2.65	2,890	
24-6	Lake Springfield-----	Sugar and Lick Creeks--	Springfield, Ill.---	265	258	Jan. 1934 --	--	61,039	--	--	--	--	IWS
						Aug. 1948 14.6	--	58,380	--	73	.705	660	
24-7	Spring Lake-----	Spring Creek-----	Macomb, Ill.---	20.2	20.1	Apr. 1927 --	--	607	--	--	--	--	IWS
						Sept 1947 20.4	--	320	--	53.7	--	.701	911
24-8	Lake Bracken-----	Brush Creek-----	Galesburg, Ill.---	9.14	8.85	Dec. 1928 --	--	2,621	--	--	--	--	IWS
						Aug. 1946 12.7	--	2,660	--	--	1.57	2,831	
						June 1949 12.9	--	2,452	--	52	1.82	2,061	
24-9	Pittsfield-----	Trib. of Panther Creek--	Pittsfield, Ill.---	1.84	1.77	June 1925 --	--	2/367	*.49	--	--	--	SCS
24-10a	Lock & Dam 25 (Winfield)	Mississippi River-----	Winfield, Mo.---	142,000	--	Dec. 1946 21.5	--	232	*.31	*40	3.55	3,090	CE
						July 1939 --	--	180,000	--	--	--	--	
						May 1945 5.9	--	194,100	--	--	--	--	
						May 1946 1	--	181,400	--	--	--	--	
						Dec. 1947 1.6	--	184,000	--	--	--	--	
						May 1959 11.4	--	155,000	--	--	--	--	
24-11a	Mt. Sterling-----	Trib. of Shelby Creek--	Mt. Sterling, Ill.---	1.8	1.75	-- 1935 --	--	306	.393	--	--	--	IWS
						-- 1951 16	--	248	.319	60	2.05	2,679	
24-12	Lake Jacksonville-----	Sandy Creek-----	Jacksonville, Ill.---	10.8	10.1	-- 1939 --	--	7,058	1.167	--	--	--	IWS
						June 1952 12	--	6,874	1.137	32.5	1.51	1,069	
24-13	Mauvaise Terre Lake-----	Mauvaise Terre Creek--	-----	32.6	32.2	-- 1921 --	--	1,820	.1	--	--	--	IWS
						June 1952 31	--	1,215	.067	48.2	.61	640	

24-14a	Morgan Lake-----	Unnamed-----	Jacksonville, Ill.--	2.75	2.72	--	1900	--	126	.082	--	--	--	IWS
	-do-----	-do-----	-do-----				June 1952	52	73	.047	41.2	.38	341	IWS
24-15a	Langdon Pond-----	-do-----	Franklin, Ill.-----	.358	.348	--	1907	--	56.8	.284	--	--	--	IWS
	-do-----	-do-----	-do-----				July 1952	45	44.8	.224	31.8	.78	540	IWS
24-16	Franklin Outing Club L.-	-do-----	-do-----	.45	.414	--	1905	--	328	1.302	--	--	--	IWS
	-do-----	-do-----	-do-----				July 1952	47	301	1.194	52.4	1.43	1,632	IWS
24-17	Anderson Lake-----	-do-----	Concord, Ill.-----	.631	.6	--	1909	--	267	.756	--	--	--	IWS
	-do-----	-do-----	-do-----				July 1952	43	234	.663	36.2	1.28	1,009	IWS
24-18	Waverly City-----	-do-----	Waverly, Ill.-----	9.24	9.16	--	Oct. 1938	--	308.3	.06	--	--	--	IWS
	-do-----	-do-----	-do-----				July 1952	13.8	238.6	.046	42.4	.551	509	IWS
24-19	Whitehall City-----	-do-----	Whitehall, Ill.-----	.97	.92	--	1897	--	459	.846	--	--	--	IWS
	-do-----	-do-----	-do-----				July 1952	55	408	.751	43.1	1.02	957	IWS
24-20	Roodhouse Pk. District L	-do-----	Roodhouse, Ill.-----	.451	.439	--	1912	--	81.6	.343	--	--	--	IWS
	-do-----	-do-----	-do-----				July 1952	35	53.9	.213	42.4	.5	462	IWS
24-21	Woodbine Country Club L.	-do-----	Greenfield, Ill.-----	.329	.32	--	1926	--	58.5	.318	--	--	--	IWS
	-do-----	-do-----	-do-----				July 1952	26	43.4	.236	54.4	1.81	2,144	IWS
24-22	Dale Cole Pond-----	-do-----	-do-----	.231	.221	--	1924	--	67.2	.521	--	--	--	IWS
	-do-----	-do-----	-do-----				July 1952	28	56.7	.44	53.7	1.72	2,012	IWS
24-23	Seely Pond-----	-do-----	Hillview, Ill.-----	.053	.091	--	1932	--	3.7	.071	--	--	--	IWS
	-do-----	-do-----	-do-----				July 1952	50	2.2	.042	35.6	.3	233	IWS
24-24	Vineyard Pond-----	-do-----	Whitehall, Ill.-----	.054	.052	--	Jan. 1937	--	1.58	.053	--	--	--	IWS
	-do-----	-do-----	-do-----				July 1952	15.6	1.32	.044	36.2	.33	260	IWS
24-25	Knapp-----	-do-----	Springfield, Ill.-----	3.49	3.43	--	1907	--	181.8	.093	--	--	--	IWS
	-do-----	-do-----	-do-----				Aug. 1952	45	115.3	.059	38.7	.431	363	IWS
24-26	Aschauer Pond-----	-do-----	Riverton, Ill.-----	.526	.518	--	1939	--	18.3	.062	--	--	--	IWS
	-do-----	-do-----	-do-----				Aug. 1952	13	8.4	.032	56.2	1.31	1,603	IWS
24-27	Schmidt Pond-----	-do-----	Chatham, Ill.-----	1.31	1.3	--	1943	--	8	.008	--	--	--	IWS
	-do-----	-do-----	-do-----				Aug. 1952	9	3.4	.005	41.2	.22	197	IWS
24-28	Ayers-----	Trib. of Shoal Creek--	Ayers, Ill.-----	1.43	1.39	--	1906	--	200	.262	--	--	--	IWS
	-do-----	-do-----	-do-----				Aug. 1958	52	150	.197	51.03	.69	767	IWS
24-29a	Bodeman Reservoir-----	Trib. of West Creek--	Brunswick, Ind.-----	2.73	2.39	--	Aug. 1947	--	52.1	*.036	--	--	--	SCE
	-do-----	-do-----	-do-----				Sept. 1960	13	44.8	.031	56.7	.23	284	IWS
24-30	C B & Q R. R. Lake-----	Trib. of Sangamon River	Tailua, Ill.-----	.85	.84	--	1936	--	51.7	.57	--	--	--	IWS
	-do-----	-do-----	-do-----				July 1952	50	14.4	.030	43.3	.35	419	IWS
24-31	Edwards Lake-----	Trib. of Cahokia Creek--	Gillespie, Ill.-----	.42	.4	--	1943	--	74.2	.351	--	--	--	IWS
	-do-----	-do-----	-do-----				Aug. 1958	9	68.	.322	46.66	1.72	1,755	IWS
24-32	Etheson's Lake-----	Trib. Kaskaskia River--	Vandalia, Ill.-----	.27	.26	--	1943	--	19.7	.137	--	--	--	IWS
	-do-----	-do-----	-do-----				Aug. 1958	15	16	.111	55.66	.93	1,127	IWS
24-33	Glosier No. 1-----	Lost Creek-----	Elsberry, Mo.-----	1.05	1.04	--	Apr. 1956	--	2/72.5	--	--	--	--	IWS
	-do-----	-do-----	-do-----				July 1960	4.3	70.3	--	--	.49	--	SCE
24-34	I. C. at Kinnundy-----	Trib. of Fk. Kaskaskia R.	Kinnundy, Ill.-----	.618	.581	--	July 1902	--	174.14	.459	--	--	--	IWS
	-do-----	-do-----	-do-----				July 1959	57	149.1	.323	35.5	.756	584	IWS
24-35	King's Lake-----	Trib. of Cahokia Creek--	Eagarville, Ill.-----	.46	.44	--	1921	--	158.6	.68	--	--	--	IWS
	-do-----	-do-----	-do-----				June 1958	37	139.5	.598	54.42	1.17	1,387	IWS
24-36	Lake Coulterville-----	South Fork Mud Creek--	Coulterville, Ill.-----	1.22	1.18	--	1940	--	200	.276	--	--	--	IWS
	-do-----	-do-----	-do-----				Aug. 1954	14	188	.26	34	.73	541	IWS
24-37	Lake Bunker Hill-----	Wood River-----	Bunker Hill, Ill.-----	7.19	7.15	--	1937	--	133	.033	--	--	--	IWS
	-do-----	-do-----	-do-----				June 1954	17	134	.093	79.2	.8	1,580	IWS
24-38	Lake Gillespie-----	Dry Fork-----	Gillespie, Ill.-----	5.73	5.62	--	1923	--	799	.272	--	--	--	IWS
	-do-----	-do-----	-do-----				July 1954	32	696	.237	37.9	.57	470	IWS
24-39	Lake Nashville-----	Nashville Creek-----	Nashville, Ill.-----	1.39	1.33	--	1936	--	320	.376	--	--	--	IWS
	-do-----	-do-----	-do-----				Aug. 1954	19	289	.339	35.3	1.19	913	IWS
24-40	Lake Staunton-----	East Creek-----	Staunton, Ill.-----	3.68	3.54	--	1926	--	1,248	.63	--	--	--	IWS
	-do-----	-do-----	-do-----				July 1954	28	1,140	.575	28.1	1.09	667	IWS
24-41	Macoup County L. Club--	Trib. of Hurricane Creek--	Carlyville, Ill.-----	.28	.26	--	July 1904	--	160.5	1.131	--	--	--	IWS
	-do-----	-do-----	-do-----				June 1958	54	135.8	.976	37.13	1.76	1,423	IWS
24-42a	Mine Pond No. 4-----	Trib. of Cahokia Creek--	Wilsonville, Ill.-----	5.29	5.23	--	1916	--	296.1	.11	--	--	--	IWS
	-do-----	-do-----	-do-----				July 1958	42	141.6	.053	65.34	.7	996	IWS
24-43	New Mt. Olive-----	-do-----	White City, Ill.-----	5.21	5.12	--	1938	--	432.8	.164	--	--	--	IWS
	-do-----	-do-----	-do-----				June 1958	20	335.3	.127	52.35	.94	1,072	IWS
24-44a	Panama Lake-----	Trib. of Indian Creek--	Panama, Ill.-----	.85	.84	--	1928	--	177.8	.336	--	--	--	IWS
	-do-----	-do-----	-do-----				Aug. 1958	30	151.9	.458	48.2	1.01	1,130	IWS
24-45	Power Farms Ponds-----	Trib. of Sangamon River	Cantrall, Ill.-----	.668	.666	--	1940	--	4.2	.011	--	--	--	IWS
	-do-----	-do-----	-do-----				July 1952	12	1.3	.003	54.9	.36	430	IWS
24-46	Raccoon Lake-----	Raccoon Creek-----	Centralia, Ill.-----	48.4	47.3	--	1943	--	4,496.3	.152	--	--	--	IWS
	-do-----	-do-----	-do-----				Sept 1959	16	4,143.6	.14	39.7	.47	406	IWS
24-47	Robinson Pond-----	Terre Creek-----	Jacksonville, Ill.-----	.314	.304	--	1900	--	47.1	.277	--	--	--	IWS
	-do-----	-do-----	-do-----				July 1952	52	55.6	.209	46.8	.7	714	IWS
24-48	Salem City-----	Trib. of Crooked Creek--	Salem, Ill.-----	4.02	3.9	--	1912	--	597.86	.333	--	--	--	IWS
	-do-----	-do-----	-do-----				Aug. 1960	48	530.88	.207	40.8	.36	320	IWS
24-49a	Virginia-----	Job's Creek-----	Virginia, Ill.-----	.828	.799	--	1933	--	154	.345	--	--	--	IWS
	-do-----	-do-----	-do-----				1950	17	116	.26	*40	2.7	2,352	IWS
24-50	Walton Club Lake-----	Long Branch-----	Litchfield, Ill.-----	2.72	2.67	--	1862	--	376.3	.272	--	--	--	IWS
	-do-----	-do-----	-do-----				July 1959	97	187.2	.136	48.4	.73	770	IWS

1/ Flood gates installed 1956 raising maximum water surface elevation to 615 ft.  
Capacity at 613 ft. (normal operating level increased to 23,371 ac. ft.).  
2/ At present spillway elevation; spillway raised 1.24 ft. in 1944.

3/ Conservation Pool.  
Estimated or assumed.

**SUMMARY OF  
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975**

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES)		DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN		AGENCY SUPPLYING DATA
				TOTAL	NET						AC.-FT.	TONS	
MISSISSIPPI RIVER BASIN (LOUISIANA TO CHESTER) ILLINOIS, KASKASKIA, AND MERAMEC RIVER BASINS (Continued)													
24-51	Lock and Dam 26-----	Mississippi River-----	Alton, Ill.-----	171,470	--	May 1938 --	--	395,000	--	--	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	May 1945 7.1	--	390,200	--	--	--	--	
	-----do-----	-----do-----	-----do-----	--	--	Dec. 1945 .6	--	--	--	--	--	--	
	-----do-----	-----do-----	-----do-----	--	--	May 1946 .4	--	381,200	--	--	--	--	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1947 1.4	--	406,200	--	--	--	--	
	-----do-----	-----do-----	-----do-----	--	--	Apr. 1959 11.5	--	343,900	--	--	--	--	
24-52a	Pool No. 22-----	-----do-----	Saverton, Mo.-----	137,500	--	July 1938 --	--	93,858	--	--	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Dec. 1934 16.33	--	85,231	--	.0017	--	.004	
	-----do-----	-----do-----	-----do-----	--	--	Dec. 1939 15	--	1,102,352	--	.0018	--	--	
24-53	Carlyle Lake-----	Kaskaskia River-----	Carlyle, Ill.-----	2,680	1,650	Apr. 1967 --	--	2,277,970	--	--	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1971 4.3	--	22,870	--	--	--	.718	
24-54	Farmdale-----	Farm Creek-----	East Peoria, Ill.-----	26.5	25.9	Aug. 1951 --	--	11,300	1.051	--	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	June 1963 11.92	--	11,189	1.04	--	--	.36	
	-----do-----	-----do-----	-----do-----	--	--	May 1970 6.92	--	11,035	1.032	--	--	.52	
	-----do-----	-----do-----	-----do-----	--	--	Apr. 1972 1.92	--	11,089	1.031	--	--	.12	
24-55	Fondulac-----	Fondulac Creek-----	-----do-----	5.4	5.25	Sept 1949 --	--	2,280	--	--	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	June 1963 13.22	--	2,163	.746	--	--	1.61	
	-----do-----	-----do-----	-----do-----	--	--	May 1970 6.37	--	2,150	.741	--	--	.36	
	-----do-----	-----do-----	-----do-----	--	--	Apr. 1972 1.92	--	2,145	.74	--	--	.5	
24-56	Hambaugh-Martin #1-----	Martin Branch-----	Versailles, Ill.-----	2,094	2,034	Sept 1961 --	--	426.56	.46	--	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Feb. 1972 10.51	--	375.26	.42	51.6	2.38	2,697	
UPPER MISSISSIPPI RIVER BASIN (FAIRMONT TO LOUISIANA) Iowa, Skunk, and Des Moines River Basins													
25-1	Pool #19 (L. Cooper, Keokuk Dam)-----	Mississippi River-----	Keokuk, Iowa-----	119,000	--	-- 1913 --	--	479,550	--	--	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	June 1928 15	--	370,300	--	--	--	--	
	-----do-----	-----do-----	-----do-----	--	--	June 1932 10	--	337,000	--	--	--	--	
	-----do-----	-----do-----	-----do-----	--	--	June 1946 8	--	312,216	--	--	--	--	
25-2	Upper Pine-----	Pine Creek-----	Eldora, Iowa-----	13.9	13.8	May 1947 13.3	--	660	.145	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Sept 1947 13.3	--	452	.099	*60	1.14	*1,490	
25-3	Lake Calhoun-----	Fitch Creek-----	Galva, Ill.-----	13.1	13	Sept 1924 --	--	3,425	--	--	--	--	IWS
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1936 11.9	--	273	--	--	--	.977	1,190
	-----do-----	-----do-----	-----do-----	--	--	July 1947 11	--	112	--	56	1.12	1,370	
25-4	Carthage-----	Long Creek-----	Carthage, Ill.-----	2.34	2.36	Mar. 1936 --	--	456.3	--	--	--	--	IWS
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1948 23.4	--	508.2	--	*60	1.45	1,566	
25-5	McCraney Cr. New Desilting Basin-----	McCraney Creek-----	Kinderhook, Ill.-----	52	50.2	Dec. 1936 --	--	*2,400	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Dec. 1939 3	--	*1,770	--	*85	4.18	7,740	
	-----do-----	-----do-----	-----do-----	--	--	1941 2	--	*1,654	--	*85	1.06	1,960	
25-6	Pine Lake-----	Pine Creek-----	Eldora, Iowa-----	15.34	15.24	1924 --	--	738	*.148	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	1932 8	Winter	552	*.111	*60	1.52	*1,990	
25-7	Hadley Cr. Old Desilting Basin-----	Hadley Creek-----	New Canton, Ill.-----	77	472.7	1921 --	--	3,000	*.067	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	1936 15	--	1,845	*.041	*85	1.06	1,960	
25-8	Hadley Cr. New Desilting Basin-----	-----do-----	-----do-----	77	72.7	Dec. 1936 --	--	3,080	*.068	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Dec. 1939 3	--	2,556	*.057	*85	2.41	4,460	
25-9	Kiser Cr. Desilting Basin-----	Kiser Creek-----	-----do-----	66	5/59.6	Dec. 1936 --	--	*2,800	*.073	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Dec. 1939 3	--	*2,200	*.059	*85	2.85	5,280	
25-10	Beeds Lake-----	Unnamed-----	Hampton, Iowa-----	31.8	31.6	1935 --	--	1,154	*.059	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	1946 11	--	1,070	*.064	*65	.24	340	
25-11	C M St. P & P RR Reg.-----	Trib. of Big Creek-----	Madrid, Iowa-----	2.54	2.52	1903 --	--	43	*.069	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	1918 25	--	25	*.04	*70	.476	726	
25-12a	Fairfield No. 3-----	Crow Creek-----	Fairfield, Iowa-----	2.05	2	1927 --	--	207	*.303	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	1934 7	--	165	*.242	*51.6	2.96	3,227	
	-----do-----	-----do-----	-----do-----	--	--	July 1953 19	--	135	*.198	51.6	.795	893	
25-13	Springbrook-----	Spring Brook-----	Guthrie Center, Ia.-----	2.1	2.1	1936 --	--	165	*.386	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	1946 10	--	172	*.359	*50	.538	635	
25-14	Pool No. 16-----	Mississippi River-----	Mascatoine, Iowa-----	99,400	--	Mar. 1936 --	--	113,379	--	--	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1945 11.7	--	106,347	--	--	--	--	



**SUMMARY OF  
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975**

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES)		DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN		AGENCY SUPPLYING DATA
				TOTAL	NET						AC.-FT.	TONS	
LAKE SUPERIOR AND LAKE OF THE WOODS AREA (IN MINNESOTA)													
RED RIVER OF THE NORTH BASIN													
29-													
30-1	Lake Bronson	Two Rivers	Bronson, Minn.	439	438.5	Summer 1940	--	3,792	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Oct. 1950	10	3,626	--	30.94	.038	26	SCS
30-2	Frazee	Otter Tail River	Frazee, Minn.	210	24	--	1926	155	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	May 1952	26.	137.1	--	20	.029	13	SCS
30-3	Elabon Dam	Trib. of Goose River	Elabon, N. Dak.	1,219	1,188	--	1935	130.69	*3.354	--	--	--	SCS
	-do-	-do-	-do-	--	--	Oct. 1955	20	107.29	*2.753	41	.98	875	SCS
30-4	Dougherty Dam	W. Br. Forest River	Adams, N. Dak.	20.2	14.6	--	1935	150.7	*1.209	--	--	--	SCS
	-do-	-do-	-do-	--	--	Aug. 1941	22	139.6	*1.94	25	.034	19	SCS
30-5	Gustafson Farm Pond	Park River	--	3,755	3,67	--	1941	38.7	*.284	--	--	--	SCS
	-do-	-do-	-do-	--	--	May 1955	14	33.36	*.245	*35	.101	77	SCS
30-6	Gwinner Dam	Trib. Wild Rice River	Gwinner, N. Dak.	.226	.222	--	1936	12.92	*2.494	--	--	--	SCS
	-do-	-do-	-do-	--	--	Aug. 1956	20	10.29	*1.986	29	.59	373	SCS
30-7	Madsen Farm Pond	Swan Creek	Wheatland, N. Dak.	27.76	27.76	--	1939	22.82	*.026	--	--	6	SCS
	-do-	-do-	-do-	--	--	June 1956	17	19.1	*.022	*35	.0078	6	SCS
30-8	Magnolia Dam	Buffalo Creek	--	12.16	11.72	--	1901	157.92	*.406	--	--	--	SCS
	-do-	-do-	-do-	--	--	June 1956	48	127.4	*.328	*35	.052	40	SCS
30-9	Mason Siding Dam	Rush River	Erie, N. Dak.	30.2	30.2	--	1912	43.15	*.045	--	--	--	SCS
	-do-	-do-	-do-	--	--	June 1956	44	35.4	*.037	*35	.0038	4	SCS
30-10	Melvin Bellerud Farm Pd.	Park River	Adams, N. Dak.	1,125	1,101	--	1942	16.75	*.412	--	--	--	CE
	-do-	-do-	-do-	--	--	May 1955	10	14.47	*.355	*35	.1579	125	SCS
30-11	Wilton WFA Dam	--	Wilton, N. Dak.	14,375	14,356	--	1954	80.50	*.125	--	--	--	SCS
	-do-	-do-	-do-	--	--	May 1935	31	46.19	*.029	*35	.0676	52	SCS
30-12	Norby Dam	Trib. Wild Rice River	Havana, N. Dak.	--	.183	--	1935	5,227	*1.191	--	--	--	SCS
	-do-	-do-	-do-	--	--	Aug. 1956	22	4,467	*1.018	*45	.188	184	SCS
30-13	Raleigh Dam	Dog Tooth Creek	Raleigh, N. Dak.	4.45	4.45	--	1909	175.47	*.925	--	--	--	SCS
	-do-	-do-	-do-	--	--	July 1956	47	145.23	*.766	*35	.144	110	SCS
30-14	Sioux Railroad Reservoir	Park River	Adams, N. Dak.	16.855	16.66	--	1911	86.37	*.145	--	--	--	SCS
	-do-	-do-	-do-	--	--	May 1955	44	69.16	*.113	*35	.026	19	SCS
30-15	White Lake	Trib. Wild Rice River	Havana, N. Dak.	57	21.08	--	1938	1,895.6	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	--	1957	1,808.8	--	32	.2167	151	CE
30-16a	Baldhill D (L. Ashtabula)	Sheyenne River	Valley City, N.D.	1/4,138	2/1,979	Dec. 1932	--	76,490	.139	--	--	--	CE
	-do-	-do-	-do-	--	--	Jan. 1958	5.1	75,410	.137	*90	.0981	192	SCS
	-do-	-do-	-do-	--	--	Feb. 1964	6.1	74,367	1.35	*90	.0865	170	SCS
	-do-	-do-	-do-	--	--	Jan. 1971	6.9	73,670	1.34	*90	.051	100	SCS
30-17a	Honne Dam (Park River)	S. Br. Park River	Park River, N. D.	229	229	Jan. 1953	--	3,650	.297	--	--	--	CE
	-do-	-do-	-do-	--	--	Mar. 1958	5.2	3,382	.275	*90	.225	441	SCS
	-do-	-do-	-do-	--	--	Mar. 1964	6	3,253	*.254	*90	.0938	194	SCS
	-do-	-do-	-do-	--	--	Dec. 1970	6.8	2,971	.242	*90	.18	353	SCS
30-18	John McWilliams	Sand Hill River	McKintosh, Minn.	1.48	1.46	July 1958	--	38.25	.32	--	--	--	SCS
	-do-	-do-	-do-	--	--	May 1971	12.8	37.81	.32	*55	.023	28	SCS
30-19	Orwell Dam	Ottertail	Ferguss Falls, Minn.	1,820	245	May 1954	--	14,100	.068	--	--	--	CE
	-do-	-do-	-do-	--	--	Mar. 1964	9.8	14,028	.068	*90	.03	59	SCS
	-do-	-do-	-do-	--	--	Dec. 1970	6.8	13,975	.067	*90	.0317	62	SCS
MISSOURI RIVER BASIN (NEBRASKA CITY TO HERMANN)													
31-1	Lake of the Ozarks (Bagnell Dam)	Osage River	Eldon, Mo.	14,000	13,900	Feb. 1931	--	2,087,223	.299	--	--	--	CE
	-do-	-do-	-do-	--	--	Oct. 1948	17.8	1,972,531	.283	59.2	.464	598	SCS
31-2	Carl Chinquist	Trib. West Nodaway R.	Stanton, Iowa	.166	.163	June 1938	--	3/9.46	*.231	--	--	--	SCS
	-do-	-do-	-do-	--	--	May 1949	10.9	2.59	*.063	49.9	3.87	4,200	SCS
31-3	L. H. Fuelling	Trib. Parkio Creek	Westboro, Mo.	1.05	1.04	July 1939	--	3/31.8	*.132	--	--	--	SCS
	-do-	-do-	-do-	--	--	May 1939	9.8	1,193	*.008	62.5	2.93	3,900	SCS
31-4	McDaniel Lake	Little Sac River	Springfield, Mo.	41.9	41.5	July 1929	--	3,452	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	June 1940	11	3,207	--	*60	.538	703	SCS
31-5	Doniphan Co. Old Desilting Basin	Chase Creek	Blair, Kans.	1.62	1.58	--	1920	159.2	*.324	--	--	--	SCS
	-do-	-do-	-do-	--	--	June 1957	40	23.6	*.046	84.4	6.58	15,770	SCS
31-6	Leavensworth Co. State L.	Unnamed Trib.	Tonganoxie, Kans.	3.83	3.56	Sept 1931	--	3,915	3.701	--	--	--	SCS
	-do-	-do-	-do-	--	--	Nov. 1947	16.1	3,771	3.564	61.45	2.53	3,366	SCS
31-7	Lyon Co. State (Reading Lake)	--	Reading, Kans.	2.19	1/1.79	--	1935	1,689	*.428	--	--	--	SCS
	-do-	-do-	-do-	--	--	Aug. 1939	4	1,870	*3.394	*60	2.73	3,568	SCS



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DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES)		DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN		AGENCY SUPPLYING DATA
				TOTAL	NET						AC.-FT.	TONS	
MISSOURI RIVER BASIN (NEBRASKA CITY TO HERMAN) (Continued)													
31-34	Sutter-----	Unnamed-----	Effingham, Kans.--	.17	.16	Jan. 1950 --	--	1/53.2	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	Oct. 1957 7.7	--	50.86	--	*60	1.88	2,457	SCS
31-35	Shirley Pond-----	do-----	Lawrence, Kans.--	.18	.18	Mar. 1939 --	--	20.86	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	Nov. 1956 17.7	--	23.25	--	95.7	.56	1,938	SCS
31-36	Trentman-----	do-----	Fairview, Kans.--	.16	.16	May 1947 --	--	1/75	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	Oct. 1955 2.4	--	2.42	--	92.01	.9	1,301	SCS
31-37	Thorne-----	do-----	Effingham, Kans.--	1.17	1.16	Sept. 1946 --	--	1/23.13	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	Aug. 1957 11	--	17.7	--	*60	.9	1,176	ARS
31-38c	Ashland Reservoir-----	Brushy Creek-----	Ashland, Mo.-----	3.78	3.75	Apr. 1937 --	--	280.48	--	--	--	--	ARS
	do-----	do-----	do-----	--	--	Nov. 1949 12.6	--	212.01	--	69	1.44	2,178	ARS
	do-----	do-----	do-----	--	--	Apr. 1951 1.4	--	208.14	--	68	.73	807	ARS
	do-----	do-----	do-----	--	--	July 1955 4.3	--	202.83	--	68	.36	543	ARS
	do-----	do-----	do-----	--	--	June 1962 6.9	--	186.07	--	69.4	.62	1,038	ARS
	do-----	do-----	do-----	--	--	July 1968 6.1	--	171.52	--	64.7	.62	614	ARS
	do-----	do-----	do-----	--	--	July 1971 3	--	153.24	--	62.6	1.65	1,870	ARS
31-39	Higginsville Old City L.	Trib. of Davis Creek--	Higginsville, Mo.--	2.728	2.833	Sept. 1924 --	--	520	--	--	--	--	ARS
	do-----	do-----	do-----	--	--	July 1964 39.8	--	304	--	55.94	2.061	2,511	ARS
31-40	Huscher-----	Trib. of Brush Creek--	do-----	.334	2/1.81	Oct. 1950 --	--	32.26	--	--	--	--	ARS
	do-----	do-----	do-----	--	--	Aug. 1964 13.8	--	25.55	--	58.74	2.686	3,436	ARS
31-41	Mitchell-----	Trib. Washington Creek--	Lawrence, Kans.--	.119	.117	Oct. 1949 --	--	7.94	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	June 1962 12.67	--	6.73	--	56.8	.85	1,051	SCS
31-42	McNees-----	do-----	Clinton, Kans.--	.61	.58	Jan. 1950 --	--	6.77	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	May 1962 12.4	--	6.26	--	47.9	.07	73	SCS
31-43	Kennedy-----	Trib. Wakarusa River--	Richland, Kans.--	.23	.22	Apr. 1937 --	--	61.19	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	May 1962 25.1	--	54.27	--	46.7	1.27	1,294	SCS
31-44	Gertsenberger-----	do-----	Eudora, Kans.--	.125	.122	May 1955 --	--	1/75.52	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	June 1962 7.1	--	5.68	--	56.2	2.13	2,609	SCS
31-45	Lake Elbow-----	Trib. of Kansas River--	Manhattan, Kans.--	3.2	3.14	Sept. 1949 --	--	205	.303	--	--	--	SCC
	do-----	do-----	do-----	--	--	Sept. 1965 16.33	--	176	.259	75	.58	947	SCC
31-46	Rokey-----	Trib. of Nemaha River--	Sabetha, Kansas--	.284	.28	May 1956 --	--	1/13.97	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	Apr. 1962 5.9	--	11.32	--	50.7	1.61	1,777	SCS
31-47a	Callahan Cr. Wshd. (C-1)	Barclay Branch-----	Columbia, Mo.-----	5.625	5.515	Apr. 1967 --	--	1,017.07	--	--	--	--	ARS
	do-----	do-----	do-----	--	--	Aug. 1967 2.25	--	1,010.8	--	41.6	4.57	4,144	ARS
	do-----	do-----	do-----	--	--	Aug. 1969 2	--	989.3	--	53	1.94	2,379	ARS
	do-----	do-----	do-----	--	--	July 1971 1.9	--	974.9	--	58.2	1.36	2,059	ARS
	do-----	do-----	do-----	--	--	June 1974 2.9	--	948.7	--	64.4	1.64	2,555	ARS
31-48	Wakefield-----	Trib. Marias Des Cygnes	Mound City, Kans.--	.83	.82	-- 1936	--	19.67	.65	--	--	--	SCS
	do-----	do-----	do-----	--	--	July 1967 31	--	11.05	.03	*60	.34	444	SCS
31-49	Pool-----	Trib. Elk Creek-----	Circleville, Kans.--	.16	.16	Oct. 1958 --	--	18.07	.39	--	--	--	SCF
	do-----	do-----	do-----	--	--	July 1968 9.75	--	16.18	.35	*60	1.19	1,555	SCS
31-50	Richter-----	Trib. Straight Creek--	Holton, Kans.--	.28	.27	Fall 1957 --	--	64.36	.8	--	--	--	SCS
	do-----	do-----	do-----	--	--	July 1968 11	--	59.98	.74	*60	1.47	1,921	SCS
31-51	Reamer-----	do-----	do-----	.23	.23	July 1956 --	--	31.26	.47	--	--	--	SCS
	do-----	do-----	do-----	--	--	July 1968 12	--	27.3	.41	*60	1.43	1,869	SCS
31-52	Rogers-----	Big Sugar-----	Garrett, Kans.--	1.17	1.16	-- 1936	--	22.8	.049	--	--	--	SCS
	do-----	do-----	do-----	--	--	June 1967 31	--	14.1	.03	67	.24	350	SCS
31-53	Lemon-----	Trib. of Elm Creek-----	Parker, Kans.--	.19	.19	June 1961 --	--	6.7	.08	--	--	--	SCS
	do-----	do-----	do-----	--	--	July 1957 6	--	6.16	.08	60	.47	614	SCS
31-54	Elko Camera Reservoir--	Trib. Bull Creek-----	Gardner, Kans.--	.77	.69	July 1960 --	--	204.3	.607	--	--	--	SCS
	do-----	do-----	do-----	--	--	Sept. 1970 10.2	--	191.1	.568	*60	1.88	2,457	SCS
31-55	Oberhelman Pond-----	do-----	Edgerton, Kans.--	.57	.5	Sept. 1960 --	--	14.883	.061	--	--	--	SCS
	do-----	do-----	do-----	--	--	Sept. 1970 10	--	11.05	.045	*85	.77	1,090	SCS
31-56	Richmond Lake-----	Dry Branch-----	Richmond, Kans.--	.96	.74	-- 1955	--	332.86	.85	--	--	--	SCS
	do-----	do-----	do-----	--	--	July 1967 12	--	222.76	.65	*60	1.07	1,398	SCS
31-57	Hall Pond-----	Trib. Little Sugar-----	Farlinville, Kans.--	.38	.27	Feb. 1955 --	--	46.22	.25	--	--	--	SCS
	do-----	do-----	do-----	--	--	July 1967 12	--	42.87	.24	*60	.76	993	SCS
31-58	Johnson Pond-----	do-----	Blue Mound, Kans.--	.94	.93	July 1936 --	--	24.53	.65	--	--	--	SCS
	do-----	do-----	do-----	--	--	July 1967 31	--	17.9	.039	*60	.24	313	SCS
31-59	Bailey Reservoir-----	Trib. Grindstone-----	Sturgen, Mo.-----	.367	.352	Sept. 1965 --	--	92.7	--	--	--	--	ARS
	do-----	do-----	do-----	--	--	Sept. 1967 2	--	91	--	--	2.4	--	ARS
	do-----	do-----	do-----	--	--	Sept. 1975 8	--	87.7	--	42	1.16	--	ARS
31-60	Bethany-----	Big Creek-----	Bethany, Mo.-----	1.041	.928	June 1960 --	--	1,313.9	4.73	--	--	--	SCS
	do-----	do-----	do-----	--	--	July 1973 13.1	--	1,271.6	4.58	54.2	.35	411	SCS
31-61	Eugene Wagner Stock Pond	Trib. Dawson Creek--	Easton, Kans.--	.62	.62	Sept. 1956 --	--	3/44.29	.21	--	--	--	SCS
	do-----	do-----	do-----	--	--	Aug. 1973 16.85	--	20.75	.097	*70	2.25	3,435	SCS

31-62	Geo. Stigleinre Stock Pd	Trib. Jarhalo Creek	McLouth, Kans.	56	58	Aug. 1956	3/40.59	.2	--	--	--	SCF	
	do	do	do			Aug. 1975	22.5	.11	*70	2.09	3,170	SCF	
31-63	John DeFries Stock Pond	Trib. Stranger Creek	Tonganoxie, Kans.	20	20	June 1960	3/64.08	.92	--	--	--	SCF	
	do	do	do			June 1963	57.20	.83	*70	2.65	4,034	SCF	
31-64	John Phillips Reservoir	Trib. Conner Creek	Wolcott, Kans.	11	11	Apr. 1966	3/12.36	.32	--	--	--	SCF	
	do	do	do			July 1973	10.35	.27	*70	2.62	3,843	SCF	
31-65	John Willits Farm Pond	Trib. Buck Creek	Oskaloosa, Kans.	33	33	Apr. 1951	3/7.44	.97	--	--	--	SCF	
	do	do	do			July 1973	12.3	2.23	*70	1.28	1,957	SCF	
31-66	Lake Dabinawa	Mud Creek	Lawrence, Kans.	3.60	3.47	Dec. 1958	3/1,060	.92	--	--	--	SCF	
	do	do	do			June 1974	15.5	.82	*70	2.23	3,401	SCF	
31-67	Max Rieke Stock Pond	Trib. Kansas River	Desoto, Kans.	41	41	June 1964	3/428.41	2.45	--	--	--	SCF	
	do	do	do			Aug. 1973	9.17	2.43	*70	.91	1,383	SCF	
31-68	Michael Pavicich Res.	Trib. Betts Creek	Edwardsville, Kans.	16	16	Oct. 1971	3/54.26	.98	--	--	--	SCF	
	do	do	do			July 1973	1.75	.97	*70	2.18	3,322	SCF	
31-69	Oran Harvey Stock Pond	Trib. Tonganoxie Creek	Tonganoxie, Kans.	23	23	Nov. 1963	3/23.20	.29	--	--	--	SCF	
	do	do	do			July 1973	9.33	14.06	*70	4.26	6,494	SCF	
31-70	S. Fk. Blackwater Site A-1	Branch South Fork	Kinsville, Mo.	2.62	2.52	Aug. 1964		490.6	.439	--	--	SCF	
	do	do	do			June 1975	10.8	456.0	.438	51.38	1.27	1,421	SCF

SMOKY HILL AND LOWER REPUBLICAN RIVER BASINS

32-1	Ottawa County State Lake	Sand Creek	Bennington, Kans.	20.47	20.25	Apr. 1937	1,001	--	--	--	--	SCF	
	do	do	do			Aug. 1937	8	930	--	4.38	--	BR	
32-2	Sheridan Co. State Lake	Saline River	Quinter, Kans.	493	463	Aug. 1948	10.8	436	--	66.5	.0681	99	CE
32-3a	Kanopolis	Smoky Hill River	Kanopolis, Kans.	7,860	5/2,560	July 1946		446,000	--	--	--	264	CE
	do	do	do			Sept. 1950	14.2	436,320	--	*50	.27	264	SCF
32-4	Allington Reservoir	Sicily Creek	Beatrice, Nebr.	52	510	---	336	33,334	--	--	--	2,300	SCF
	do	do	do			---	1956	14,704	--	*65	1.77	2,300	SCF
32-5	Barnard Farm Reservoir	Indian Creek	Aug. 1947	675	661	Aug. 1947		30.5	--	--	--	1,982	SCF
	do	do	do			May 1956	8.75	22.22	--	--	1.4	1,982	SCF
32-6	Evers Reservoir	Trib. Little Blue River	Hubbell, Nebr.	175	171	---	1957	8,058	--	--	--	2,217	SCF
	do	do	do			---	1958	2,501	--	*65	1.566	2,217	SCF
32-7	Fling Estate	do	do	108	103	---	1945	18,686	--	--	--	4,870	SCF
	do	do	do			---	1958	13,852	--	*65	3.44	4,870	SCF
32-8	Hanshire Reservoir	do	Reynolds, Nebr.	---	---	---	1948	8,943	--	--	--	3,624	SCF
	do	do	do			---	1958	9,348	--	*65	2.56	3,624	SCF
32-9	Kapke Reservoir	do	Gladstone, Nebr.	306	302	---	1913	9,806	--	--	--	477	SCF
	do	do	do			---	1956	5,173	--	*65	.337	477	SCF
32-10	Kuhns Reservoir No. 1	Bloody Run	Virginia, Nebr.	422	404	---	1899	70.7	--	--	--	2,531	SCF
	do	do	do			---	1956	57	--	*70	1.66	2,531	SCF
32-11	Kuhns Reservoir No. 2	do	do	102	099	---	1946	9.67	--	--	--	2,237	SCF
	do	do	do			---	1956	10	--	*65	1.58	2,237	SCF
32-12	Onner Reservoir	Trib. Little Blue River	Gladstone, Nebr.	292	283	---	1946	5,587	--	--	--	746	SCF
	do	do	do			---	1958	9,795	--	*65	.527	746	SCF
32-13	Feithman Reservoir	do	Hubbell, Nebr.	216	212	---	1950	9,934	--	--	--	3,572	SCF
	do	do	do			---	1958	8	--	*65	2.323	3,572	SCF
32-14	Wit Reservoir	do	do	191	187	---	1946	12,274	--	--	--	3,551	SCF
	do	do	do			---	1958	12	--	*65	2.508	3,551	SCF
32-15a	Woody Hereford Ranch	Unnamed Trib.	Lincoln, Kans.	1.2	1.19	Nov. 1936		41.6	--	--	--	1,032	SCF
	do	do	do			Sept. 1955	19	23.6	--	*60	.79	1,032	SCF
32-16a	Daugherty	do	Russell, Kans.	.97	.96	Sept. 1947		22.5	--	.435	--	1,065	SCF
	do	do	do			Sept. 1947		15.2	--	.311	--	708	SCF
32-17	Lost Creek D-1	Trib. of Lost Creek	Lincoln, Kans.	1.56	1.52	Jan. 1957		1/82.45	--	--	--	708	SCF
	do	do	do			July 1962	5.5	86.67	--	47.1	.69	708	SCF
32-18	Jepson	Trib. Spillman Creek	do	1	1	May 1953		1/47.73	--	--	--	1,200	SCF
	do	do	do			July 1962	9.2	39.44	--	61.2	.9	1,200	SCF
32-19	Wilson Bros.	Trib. of Saline River	do	.22	.21	Sept. 1950		1/6.51	--	--	--	627	SCF
	do	do	do			July 1962	11.8	8.28	--	*60	.46	627	SCF
32-20	Zvolanek	do	do	.222	.22	Nov. 1953		1/15.65	--	--	--	1,122	SCF
	do	do	do			July 1962	8.75	35.23	--	70.6	.73	1,122	SCF
32-21	Ekstrum	Trib. of Timber Creek	Vliets, Kans.	.16	.15	July 1956		1/15.29	--	--	--	2,344	SCF
	do	do	do			May 1962	5.8	14.14	--	80.9	1.53	2,344	SCF
32-22	Cornelson	Trib. Black Vermillion	do	.125	.12	June 1956		1/8.16	--	--	--	4,500	SCF
	do	do	do			May 1962	5.9	5.94	--	86.6	5.25	4,500	SCF
32-23	Droge	Unnamed Trib.	Bern, Kans.	.35	.34	July 1956		1/27.0	--	--	--	1,44	SCF
	do	do	do			May 1962	3.0	25.45	--	53.1	1.44	1,44	SCF
32-24	Robson	Trib. of Holland Creek	Elmo, Kans.	.156	.152	June 1952		1/10.51	--	--	--	2,515	SCF
	do	do	do			July 1962	6	9.56	--	75.9	.22	2,515	SCF
32-25	Jacobson	Trib. of Turkey Creek	Dayton, Kans.	.211	.206	July 1950		1/11.78	--	--	--	3,658	SCF
	do	do	do			June 1962	12	5.16	--	62.9	2.67	3,658	SCF
32-26	Pray	do	Elmo, Kans.	.128	.127	Dec. 1954		1.78	--	--	--	376	SCF
	do	do	do			June 1962	7.6	1.47	--	55.7	.31	376	SCF
32-27	Rock	Trib. Smoky Hill River	Navarre, Kans.	.56	.544	Oct. 1954		4.88	--	--	--	593	SCF
	do	do	do			July 1962	7.75	2.71	--	53.4	.51	593	SCF
32-28	Dodd	Trib. of Dutch Creek	Centralia, Kans.	.64	.63	Oct. 1953		1/74.07	--	--	--	1,878	SCF
	do	do	do			May 1962	8.6	65.34	--	53.2	1.62	1,878	SCF
32-29	Harlan County Lake	Republican River	Republican City, Nebraska	20,753	6/7,169	July 1951		852,705	2.04	--	--	182	CE
	do	do	do			Sept. 1962	11.25	840,600	2.01	72	.116	182	SCF
	do	do	do			Apr. 1972	9.67	828,800	1.98	62	.116	189	SCF

1/ Water supply pool capacity. Reservoir has greater capacity at spillway crest elevation.

2/ Excludes conservation pool area and terraced area of watershed.

3/ Conservation Pool.

4/ Emergency and principle spillway raised two feet in June 1959.

5/ 7,860 prior to closure of Cedar Bluff Dam Sept. 1950. Corrected for upstream Reservoirs. Estimated or assumed.



**SUMMARY OF  
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975**

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES)		DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN		AGENCY SUPPLYING DATA	
				TOTAL	NET						AC.-FT.	TONS		
				SMOKY HILL AND LOWER REPUBLICAN RIVER BASINS (Continued)										
32-30	Grant Tozier-----	Trib. of Saline River--	Beverly, Kans.----	.99	.96	Mar. 1952 --	--	171.9	--	--	--	--	SCS	
	do-----	do-----	do-----	--	--	Sept 1955 13.6	--	60.9	--	*72	.84	1,317	SCS	
32-31	Heikes Pond-----	Trib. Elk Creek-----	Lenora, Kans.----	1.84	1.83	Oct. 1957 --	--	32	.466	--	--	--	SCS	
	do-----	do-----	do-----	--	--	Aug. 1970 12.8	--	24.59	.356	*75	.32	523	SCS	
32-32	Finney Pond-----	Trib. Third Creek-----	Simpson, Kans.----	1.39	1.27	Oct. 1956 --	--	122.5	1.003	--	--	--	SCS	
	do-----	do-----	do-----	--	--	June 1970 9.7	--	116	.951	*80	.53	923	SCS	
32-33	Chrisler Pond-----	Trib. Saline River-----	Victoria, Kans.----	1.01	.26	Dec. 1956 --	--	59.66	1.055	--	--	--	SCS	
	do-----	do-----	do-----	--	--	July 1970 13.6	--	56.93	1.02	*60	.77	1,004	SCS	
32-34	Chanoy Pond-----	Trib. Dry Creek-----	Delphos, Kans.----	1.08	.92	Dec. 1956 --	--	108.11	.939	--	--	--	SCS	
	do-----	do-----	do-----	--	--	June 1970 13.5	--	39.11	.862	*60	.72	947	SCS	
32-35	Bruna Pond-----	Trib. Little Blue-----	Washington, Kans.--	1.2	1.16	Apr. 1956 --	--	86.033	.395	--	--	--	SCS	
	do-----	do-----	do-----	--	--	June 1970 13.3	--	78.19	.36	*75	.51	831	SCS	
32-36	Burger Pond-----	Trib. Buffalo Creek-----	Randall, Kans.----	.59	.57	Dec. 1953 --	--	22.68	.38	--	--	--	SCS	
	do-----	do-----	do-----	--	--	June 1970 17	--	11.81	.195	*65	1.15	1,632	SCS	
32-37	Duvall Pond-----	Trib. Saline River-----	Bunker Hill, Kans.--	1.77	1.41	Dec. 1960 --	--	104.86	.855	--	--	--	SCS	
	do-----	do-----	do-----	--	--	July 1970 9.6	--	103.17	.846	*75	.12	204	SCS	
32-38	Jansonius Pond-----	Trib. of Wolf Creek-----	Prairie View, Kans.--	1.31	1.1	Nov. 1954 --	--	100	1.68	--	--	--	SCS	
	do-----	do-----	do-----	--	--	July 1970 15.7	--	91	1.54	*65	.52	733	SCS	
32-39	Jesse Pond-----	Trib. Smoky Hill River--	Arnold, Kans.----	.93	.92	Dec. 1944 --	--	23.42	.556	--	--	--	SCS	
	do-----	do-----	do-----	--	--	Aug. 1970 25.7	--	21.25	.506	*80	.09	158	SCS	
32-40	King Pond-----	Trib. Mortimer Creek-----	Glasco, Kans.----	1.03	.57	Nov. 1956 --	--	47.3	.453	--	--	--	SCS	
	do-----	do-----	do-----	--	--	June 1970 9.6	--	43.1	.431	*65	.36	507	SCS	
32-41	Kinsey Pond-----	Trib. Buffalo Creek-----	Mankato, Kans.----	.77	.71	Sept 1950 --	--	91.9	1.279	--	--	--	SCS	
	do-----	do-----	do-----	--	--	June 1970 19.8	--	88.4	1.194	*65	.25	348	SCS	
32-42	Lee Pond-----	Trib. Saline River-----	Tescott, Kans.----	.85	.82	Apr. 1952 --	--	152.4	1.868	--	--	--	SCS	
	do-----	do-----	do-----	--	--	June 1970 18.2	--	146.3	1.784	*55	.41	492	SCS	
32-43	Lindsay Pond-----	Trib. Mill Creek-----	Morrowville, Kans.--	.72	.65	Oct. 1960 --	--	39.2	.319	--	--	--	SCS	
	do-----	do-----	do-----	--	--	June 1970 9.7	--	35.8	.291	*70	.53	811	SCS	
32-44	Lloyd Pond-----	Trib. Republican River--	Scandia, Kans.----	.85	.84	July 1932 --	--	20.15	.193	--	--	--	SCS	
	do-----	do-----	do-----	--	--	July 1970 32	--	6.12	.678	*70	.35	575	SCS	
32-45	Lovell Pond-----	Beaver Creek-----	Franklin, Nebr.----	2.15	2.00	July 1951 --	--	128.72	.757	--	--	--	SCS	
	do-----	do-----	do-----	--	--	July 1970 19	--	15.45	.720	*65	.78	1,100	SCS	
32-46	Mollenkamp Pond-----	Trib. Saline River-----	Colliver, Kans.----	6.15	6.15	Apr. 1961 --	--	30.6	.366	--	--	--	SCS	
	do-----	do-----	do-----	--	--	Aug. 1970 9.3	--	79.4	.524	*65	.2	277	SCS	
32-47	North Pond-----	Trib. Smoky Hill River--	McCracken, Kans.--	2.43	.91	Mar. 1955 --	--	96.83	.851	--	--	--	SCS	
	do-----	do-----	do-----	--	--	July 1970 15.3	--	91.55	.814	*65	.38	537	SCS	
32-48	Raleigh Pond-----	Trib. Salt Creek-----	Agenda, Kans.----	.9	.8	Mar. 1954 --	--	81.5	.653	--	--	--	SCS	
	do-----	do-----	do-----	--	--	July 1970 6.3	--	79.4	.635	*60	.42	544	SCS	
32-49	Sanger Pond-----	Trib. S. F. Solomon R.--	Morland, Kans.----	2.53	2.32	Mar. 1954 --	--	332.12	5.519	--	--	--	SCS	
	do-----	do-----	do-----	--	--	Aug. 1970 16.4	--	307.5	3.271	*65	.65	917	SCS	
32-50	Skucius Pond-----	Trib. Rose Creek-----	Wunden, Kans.----	1.61	1.61	July 1954 --	--	12.896	.058	--	--	--	SCS	
	do-----	do-----	do-----	--	--	July 1970 16	--	6.8	.03	*70	.24	361	SCS	
32-51	Schurle Pond-----	Trib. Wall Creek-----	Green, Kans.----	.73	.67	Nov. 1960 --	--	127.1	1.088	--	--	--	SCS	
	do-----	do-----	do-----	--	--	June 1970 9.6	--	123.3	1.053	*60	.59	767	SCS	
32-52	Walz Pond-----	Trib. Saline River-----	Ogallah, Kans.----	3.93	3.8	Aug. 1958 --	--	69.32	.639	--	--	--	SCS	
	do-----	do-----	do-----	--	--	Aug. 1970 12	--	63.64	.597	*60	.12	162	SCS	
32-53	Woolhoff Pond-----	Trib. Five Creek-----	Morganville, Kans.--	.61	.59	June 1954 --	--	29.05	.331	--	--	--	SCS	
	do-----	do-----	do-----	--	--	July 1970 16.1	--	24.52	.278	*65	.48	680	SCS	
32-54	Herington City Lake--	Lyons Creek-----	Herington, Kans.--	17.24	16.93	May 1922 --	--	2,180	.68	--	--	--	SCS	
	do-----	do-----	do-----	--	--	May 1966 44	--	1,455	.45	*70	.96	1,463	SCS	
UPPER REPUBLICAN, NORTH PLATTE, RIVER BASINS (FT. LARAMIE TO NORTH PLATTE) AND SOUTH PLATTE RIVER BASIN (SUELETTE TO NORTH PLATTE)														
33-1	Wellfleet-----	Medicine Creek-----	Wellfleet, Nebr.--	2/15	14.89	Oct. 1931 --	--	519	--	--	--	--	SCS	
	do-----	do-----	do-----	--	--	May 1937 5.6	--	464	--	*65	.66	934	SCS	
33-2	Lockhart Farm Pond--	Trib. of N. Platte R.--	Gering, Nebr.----	2/2,564	2,558	Aug. 1939 --	--	15.64	.229	--	--	--	SCS	
	do-----	do-----	do-----	--	--	July 1952 12.9	--	8.83	.129	57.3	.206	257	SCS	
33-3a	Harry Strunk L. (Medicine Cr. Dan)-----	Medicine Creek-----	Cambridge, Nebr.--	656	653	Aug. 1949 --	--	92,817	1.691	--	--	--	BR	
	do-----	do-----	do-----	--	--	Oct. 1951 2.16	--	90,920	1.656	--	71.4	1.34	2,084	SCS
	do-----	do-----	do-----	--	--	Dec. 1962 11.17	--	86,663	1.615	--	70.3	.81	175	SCS
33-4a	Flannagin Reservoir--	Trib. Republican River--	Bartley, Nebr.----	.5	1.497	-- 1940 --	--	9.71	--	--	--	--	SCS	
	do-----	do-----	do-----	--	--	-- 1956 16	--	4.89	--	*70	.602	918	SCS	

33-5a	Gallatin Reservoir-----	Trib. of Beaver Creek--	Danberry, Nebr.----	3.44	3.09	Apr. 1946 --	419.5	--	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	Sept 1956 10.4	381.6	--	*70	1.18	1,800	SCS
33-6	Klein Reservoir-----	Trib. Republican River--	McCook, Nebr.----	1.59	1.57	-- 1936 --	106.2	--	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	June 1956 20	56	--	*70	1.58	2,409	SCS
33-7	Dempsey Pond-----	Trib. of E Curtis Cr.---	Moorefield, Nebr.---	*.516	.51	June 1941 --	11	--	--	--	--	AKS
	-do-----	-do-----	-do-----	--	--	July 1953 4	10.1	--	--	.447	--	SCS
	-do-----	-do-----	-do-----	--	--	June 1958 4.9	9.12	--	--	75.6	.392	645
33-8a	Reichelt Stock Pond-----	Unnamed-----	Julesburg, Colo.---	.72	.71	Oct. 1950 --	22.12	--	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	Nov. 1957 7	20.69	--	--	80.4	.26	490
33-9	Dozabaha Pond-----	Trib. Beaver Creek-----	Atwood, Kans.-----	1.41	1.4	Nov. 1948 --	16.19	.958	--	--	--	FCS
	-do-----	-do-----	-do-----	--	--	Aug. 1970 21.8	9.74	.541	*70	--	.28	422
33-10	Fricky Pond-----	Trib. Sappa Creek-----	Morriston, Kans.---	3.32	3.28	Dec. 1948 --	72.48	.883	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	July 1970 11.6	63.17	.596	*60	--	.24	320
33-11	Walker Pond-----	Trib. Beaver Creek-----	Atwood, Kans.-----	4.78	4.77	Oct. 1948 --	20.96	.329	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	Aug. 1970 21.8	13.82	.215	*70	--	.07	105
33-12	Stroud Pond-----	Trib. Jones Canyon Cr.---	McDonald, Kans.---	.83	.82	Nov. 1958 --	111.25	10.053	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	July 1970 11.7	102.01	9.274	*70	--	.96	1,467
33-13a	Franktown-Parker Wd Wshd	Willow Creek-----	Castle Rock, Colo.---	7.6	7.57	June 1963 --	387	1.2	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	Jan. 1967 4.6	337.4	1.04	--	--	1.42	--
	-do-----	-do-----	-do-----	--	--	Nov. 1973 6.9	308.3	.3	--	--	.56	--
33-14	Bondgard Stock Pond-----	Sedgewick Draw-----	Lodgepole, Nebr.---	1.5	1.5	-- 1952 --	27.68	1.2	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	Dec. 1967 15	23.88	1.04	*75	--	.17	277
33-15	Albert Savage Stock Dam-----	Sappa Creek-----	Oberlin, Kans.-----	.83	.83	Jan. 1962 --	4/21.5	1.94	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	July 1972 10.6	16.2	1.46	*70	--	.6	918
33-16	Charley Deyle Stock Dam-----	Big Timber Creek-----	Benkleman, Kans.---	.74	.74	Sept 1958 --	4/5.73	.58	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	July 1972 13.9	1.53	.37	*70	--	.21	326
33-17	Earl Brown Stock Dam-----	Beaver Creek-----	Atwood, Kans.-----	.99	.99	Apr. 1961 --	4/15.19	1.15	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	July 1972 11.3	12.59	.95	*70	--	.23	354
33-18	Frank Ruda Stock Dam-----	Sappa Creek-----	Atwood, Kans.-----	1.28	1.28	Jan. 1962 --	4/12.7	.74	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	July 1972 10.6	10.6	.62	*70	--	.15	236
33-19	Glendo-----	North Platte-----	Glendo, WY.-----	19,504	4,190	Oct. 1957 --	797,018	.69	--	--	--	ER
	-do-----	-do-----	-do-----	--	--	May 1972 14.54	789,402	.58	*70	--	.13	198
33-20	Howard Brothers Stock D.---	Driftwood Creek-----	McDonald, Kans.---	2.60	2.69	Aug. 1959 --	4/26.58	.59	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	July 1972 12.9	31.1	.37	*70	--	.33	507
33-21	Raymond Solko Wshd. Dam-----	North Beaver-----	Atwood, Kans.-----	1.24	1.24	Dec. 1962 --	4/6.33	.38	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	July 1972 9.6	2.93	.18	*70	--	.29	436
33-22	Scott Brown Dam-----	Sappa Creek-----	Hanford, Kans.-----	1.98	1.98	Dec. 1960 --	4/9.63	.37	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	July 1972 11.6	.9	.03	*70	--	.38	560
33-23	W-6 Wray Watershed-----	Unnamed-----	Wray, Colo.-----	1.7	1.67	May 1959 --	204.3	5.6	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	Mar. 1971 11.8	196.6	5.4	--	--	.39	--

NORTH PLATTE RIVER BASIN (ABOVE FT. LARAMIE) SOUTH PLATTE RIVER BASIN (ABOVE SUBLETTE)

34-1	Castlewood-----	Cherry Creek-----	Denver, Colo.-----	167.2	166.9	-- 1890 --	3,834	--	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	5/Aug. 1933 43	3,126	--	--	77.5	.099	167
34-2	Kenwood-----	-----	-----	387	386	Mar. 1936 --	9,602	--	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	June 1936 --	2,710	--	--	75.6	.166	175
	-do-----	-do-----	-do-----	--	--	June 1939 1	2,424	--	--	--	.741	1,520
34-3a	Guernsey Reservoir-----	North Platte River-----	Guernsey, WY.-----	15,004	575	Jan. 1923 --	7,300	--	--	--	--	DL
	-do-----	-do-----	-do-----	--	--	Jan. 1921 1.85	67,740	--	--	--	.22	--
	-do-----	-do-----	-do-----	--	--	Jan. 1933 2	65,050	--	--	--	.26	--
	-do-----	-do-----	-do-----	--	--	Jan. 1935 2	62,940	--	--	--	.2	--
	-do-----	-do-----	-do-----	--	--	Feb. 1937 2.1	60,930	--	--	--	.18	--
	-do-----	-do-----	-do-----	--	--	Feb. 1939 2	58,430	--	--	--	.23	--
	-do-----	-do-----	-do-----	--	--	Jan. 1941 2	56,600	--	--	--	.17	--
	-do-----	-do-----	-do-----	--	--	Jan. 1944 3	53,800	--	--	--	.21	--
	-do-----	-do-----	-do-----	--	--	July 1947 3.5	49,150	--	--	--	.21	243
	-do-----	-do-----	-do-----	--	--	June 1957 9.92	44,600	--	--	60.7	.103	107
	-do-----	-do-----	-do-----	--	--	Dec. 1966 9.4	4/45.228	.54	*67	54	--	--
34-4a	Lake Cheesman-----	South Platte E. and Goose or Lost Park Cr.	Deckers, Colo.-----	1,755	1,460	Oct. 1900 --	73,064	.595	--	--	--	ER
	-do-----	-do-----	-do-----	--	--	Sept 1931 31	77,958	.586	*70	--	.025	37
34-5	Pathfinder-----	North Platte River-----	Alcoosa, WY.-----	10,700	7/3,315	June 1930 --	1,056,300	--	--	--	--	ER
	-do-----	-do-----	-do-----	--	--	July 1930 41.1	1,015,876	--	--	81.1	8/0.078	9/138
34-6	Seminole-----	-----	Leo, WY.-----	7,348	7,317	July 1939 --	1,020,000	1,158	--	--	--	ER
	-do-----	-do-----	-do-----	--	--	Sept 1950 11.5	1,012,000	1,149	*65	10/108	10/153	--
34-7	Englewood-----	Little Dry Creek-----	Littleton, Colo.---	9.4	9.25	-- 1936 --	1,282.3	--	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	Aug. 1956 19.5	1,215.2	--	--	--	.37	--
34-8a	R-3 Kiowa Creek Wshd.---	Kiowa Creek-----	Elbert, Colo.-----	2.92	2.89	July 1956 --	147.59	*.27	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	Mar. 1966 10	138.22	*.25	*80	--	.32	557
34-9	Round Butte-----	Coal Creek-----	Wellington, Colo.---	11.7	11.6	-- 1905 --	831	--	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	June 1960 60	785	--	--	69	.07	105
34-10a	Q-51 Kiowa Creek Wshd.---	Kiowa Creek-----	Elbert, Colo.-----	.56	.56	June 1957 --	32.3	*.31	*80	--	.43	749
	-do-----	-do-----	-do-----	--	--	Jan. 1966 9	30.17	*.29	*80	--	.05	87
34-11	J-33 Kiowa Creek Wshd.---	-----	Eastonville, Colo.---	1.07	1.06	July 1956 --	42.55	--	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	July 1965 9	42.05	--	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	Dec. 1955 --	49.36	--	--	--	--	SCS
34-12	B-9 Kiowa Creek Wshd.---	-----	Elbert, Colo.-----	.65	.64	July 1963 9.5	46.81	--	*80	--	.09	157
	-do-----	-do-----	-do-----	--	--	July 1937 --	311.4	*1.85	--	--	--	SCS
34-13	Slab Canyon CCC-----	Slab Canyon-----	Wellington, Colo.---	3.15	3.08	Feb. 1968 30	286.3	*1.72	--	--	.25	--

1/ Water supply pool capacity. Reservoir has greater capacity at spillway crest elevation.

2/ Excludes 28 sq. mi. of noncontributing drainage.

3/ Drainage area includes partial sediment trap for 0.133 sq. mi. and is estimated to retain 0.04 ac.-ft. of sediment per year.

4/ Conservancy Pool.

5/ Dam failed in 1933; survey made in 1939.

6/ Gain in capacity due to sediments sluiced from dam.

7/ Excludes 7,348 sq. mi. above Seminole Dam, which was closed in April 1939.

8/ For period April 1939 - July 1950.

9/ For period June 1909 - July 1950.

10/ Below elevation 5,340 which is 17 ft. below spillway crest.

11/ Estimated or assumed.

**SUMMARY OF  
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975**

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQ. MILES)		DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN		AGENCY SUPPLYING DATA
				TOTAL	NET						AC. FT.	TONS	
NORTH PLATTE RIVER BASIN (ABOVE FT. LARAMIE) SOUTH PLATTE RIVER BASIN (ABOVE SUBLLETTE) (Continued)													
34-14	Coalbank Cr. Wshd. CB-1-	Coalbank Creek-----	Pierce, Colo.-----	27	25.8	June 1962	--	2,147.4	3.7	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Jan. 1971	9	2,134.9	3.7	--	.05	--	SCS
MISSOURI RIVER BASIN (ABOVE BLAIR TO NEBRASKA CITY) PLATTE RIVER BASIN (BELOW NORTH PLATTE)													
35-1	Otto Baak-----	Trib. Soldier River----	Ricketts, Iowa----	.159	.157	Sept 1944	--	1/6.91	*.177	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Apr. 1949	4.6	2.28	*.058	54.9	6.41	7,670	SCS
35-2	Fred Brown-----	Trib. of Willow River----	Logan, Iowa-----	.1	.097	June 1941	--	1/11.89	*.594	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	May 1949	7.9	4.61	*.23	63.2	9.51	13,080	SCS
35-3	William Esbeck-----	Trib. Elkhorn Creek----	Elkhorn, Iowa----	.208	.204	May 1940	--	1/12.6	*.238	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	May 1949	9	4.51	*.287	56.2	4.41	5,390	SCS
35-4	G. & A. Evers Lower Res.	Trib. of Boyer River----	Denison, Iowa----	.137	.129	Dec. 1938	--	1/5.73	*.133	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Apr. 1949	10.0	1.26	*.029	68.0	3.73	5,700	SCS
35-5	G. & A. Evers Upper Res.	-----do-----	-----do-----	.045	.044	Mar. 1939	--	1/1.9	*.158	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Apr. 1949	10.1	.22	*.018	71.4	3.77	5,870	SCS
35-6	Charles Fienhold-----	-----do-----	Dunlap, Iowa-----	.428	.425	Apr. 1945	--	1/12.63	*.123	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Apr. 1949	3.9	2.9	*.028	63.1	5.87	8,070	SCS
35-7a	C. T. Gaad-----	Trib. E. Nishabotna R.---	Stennett, Iowa----	.081	.079	Dec. 1940	--	14.46	*.762	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	May 1949	8.4	12.82	*.675	63.9	2.51	3,492	SCS
	-----do-----	-----do-----	-----do-----	--	--	June 1952	3.1	11.98	*.631	57.9	3.43	4,350	SCS
35-8	Otto Goslar-----	Trib. Middle Soldier R.---	Charter Oak, Iowa----	.089	.086	May 1940	--	1/10.18	*.485	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Mar. 1949	8.8	8.29	*.395	68.8	2.5	3,750	SCS
35-9	Thomas Hodkin-----	Trib. of Boyer River----	Dow City, Iowa----	.13	.127	Aug. 1941	--	1/19.39	*.588	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	May 1949	2/2.8	8.21	*.008	83.2	53.9	97,740	SCS
35-10	Fred Hollrah-----	Trib. of Willow Creek----	Ute, Iowa-----	.217	.213	Aug. 1944	--	1/18.96	*.565	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Mar. 1949	4.6	12.70	*.245	52.3	6.35	8,060	SCS
35-11b	Jones Creek-----	Jones Creek-----	Pisgah, Iowa-----	2.26	2.23	Feb. 1942	--	254.2	*.527	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Jan. 1949	6.9	221.8	*.46	47.8	2.11	2,197	SCS
	-----do-----	-----do-----	-----do-----	--	--	Sept 1950	1.7	211.5	*.439	*61.8	2.68	3,620	SCS
	-----do-----	-----do-----	-----do-----	--	--	Jan. 1953	2.3	199.2	*.413	61.8	2.4	3,230	SCS
35-12a	Emma La Frontz-----	Trib. of Boyer River----	Denison, Iowa----	.155	.152	May 1942	--	15.28	*.577	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Apr. 1949	6.9	10.38	*.392	56.7	4.67	5,767	SCS
	-----do-----	-----do-----	-----do-----	--	--	July 1953	4.2	9.47	*.357	62	1.41	1,904	SCS
35-13	Jenson-O'Neil Farm Pond-	Trib. L. Nemaha River----	Syracuse, Nebr.-----	.199	.193	Nov. 1936	--	23.7	*.658	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1948	12	16.8	*.467	56.9	2.97	3,680	SCS
35-14	Peterson Farm Pond-----	-----do-----	-----do-----	.075	.074	Oct. 1936	--	2.06	*.158	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	July 1948	11.75	.16	*.012	59.7	2.19	2,850	SCS
35-15b	Alfred Lage-----	Trib. of Elk Creek-----	Aspinwall, Iowa----	.184	.182	June 1941	--	11.23	*.223	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Apr. 1949	7.8	8.56	*.373	53.2	1.93	2,180	SCS
	-----do-----	-----do-----	-----do-----	--	--	June 1952	3.2	7.14	*.146	51.9	2.42	2,735	SCS
35-16a	Herman Lage-----	-----do-----	-----do-----	.036	.036	July 1941	--	12.07	*1.207	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Apr. 1949	7.8	10.83	*1.083	54.8	4.417	5,270	SCS
	-----do-----	-----do-----	-----do-----	--	--	June 1952	3.2	8.38	*.829	49.5	16.1	17,359	SCS
35-17a	Howard Mattson-----	Trib. of Boyer River----	Denison, Iowa----	.1	.092	July 1944	--	16.44	*.361	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Apr. 1949	4.0	12.56	*.735	69.1	8.26	12,431	SCS
	-----do-----	-----do-----	-----do-----	--	--	July 1953	4.3	5.71	*.334	87.1	16.3	30,350	SCS
35-18a	Wilbur Meyer-----	-----do-----	-----do-----	.297	.293	Nov. 1944	--	43.8	*.676	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Apr. 1949	4.4	37.30	*.431	56.3	5.02	8,160	SCS
	-----do-----	-----do-----	-----do-----	--	--	June 1952	3.2	34.63	*.456	56.1	2.36	3,520	SCS
35-19a	Max Miller No. 1-----	Trib. W. Nishabotna R.---	Macedonia, Iowa----	.223	.216	Nov. 1941	--	43.84	*.977	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	May 1949	7.5	35.46	*.709	65.2	5.12	7,282	SCS
	-----do-----	-----do-----	-----do-----	--	--	June 1952	3.1	32.1	*.642	69.7	4.95	7,520	SCS
35-20b	Max Miller No. 5-----	-----do-----	-----do-----	.233	.228	Nov. 1941	--	53.19	*1.023	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	May 1949	7.5	41.96	*.667	72.6	6.58	13,405	SCS
	-----do-----	-----do-----	-----do-----	--	--	June 1952	3.1	41.06	*.79	74.5	1.23	1,996	SCS
35-21a	Barney Mundt-----	Trib. of Boyer River----	Denison, Iowa----	.336	.33	Oct. 1944	--	41.35	*.481	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Apr. 1949	4.5	33.08	*.385	54.8	3/5.66	3/6,750	SCS
	-----do-----	-----do-----	-----do-----	--	--	June 1952	3.2	29.22	*.34	55.5	3/3.67	3/4,440	SCS

35-22a	Tracy North	do	Vail, Iowa	.245	.238	Nov. 1939	--	48.64	*1.161	--	--	--	SCS
	do	do	do	--	--	Mar. 1949	9.4	46.04	*.956	52.7	3.84	4.410	
	do	do	do	--	--	July 1951	4.3	37.41	*.893	55.7	2.57	3,120	
35-23	Lake Ericson	do	Ericson, Nebr.	4/500	41	July 1915	--	1,652	--	--	--	--	BR
	do	do	do	--	--	Apr. 1948	32.9	1,066	--	80	.434	756	
35-24a	Roe Farm Pond	Trib. Turkey Creek	Dannebrog, Nebr.	.18	.18	July 1947	--	*1	*.104	--	--	--	SCS
	do	do	do	--	--	Aug. 1953	5	*.643	*.067	*.65	.39	552	
35-25	Howe Farm Pond	Trib. Dead Horse Creek	Loup City, Nebr.	1.8	1.72	Aug. 1946	--	15.0	*.150	--	--	--	SCS
	do	do	do	--	--	Aug. 1953	5	13.0	*.143	*.65	.2	265	
35-26	Koller Farm Pond	Trib. of Oak Creek	Farwell, Nebr.	.356	.354	Aug. 1953	--	14.2	*.011	--	--	--	SCS
	do	do	do	--	--	Aug. 1953	4	14.39	*.757	*.65	.71	1,035	
35-27	Ruzicka Farm Pond	do	do	.27	.26	Aug. 1949	--	30.74	*2.135	--	--	--	SCS
	do	do	do	--	--	Aug. 1953	4	28.03	*1.947	*.65	2.62	3,709	
35-28	Brehmer Reservoir	Trib. L. Nemaha River	Dunbar, Nebr.	.184	.18	1952	--	11.76	--	--	--	--	SCS
	do	do	do	--	--	1957	5	9.93	--	*.65	2.01	2,846	
35-29	Cook Reservoir	Trib. of Papillion Cr.	Arlington, Nebr.	.391	.383	1934	--	29.4	--	--	--	--	SCS
	do	do	do	--	--	1952	23	21.1	--	*.65	.921	1,304	
35-30a	Ingwerson Reservoir No.1	Turkey Creek	Louisville, Nebr.	.211	.209	1952	--	12.17	--	--	--	--	SCS
	do	do	do	--	--	1957	5	10.19	--	*.65	1.89	2,676	
35-31	Ingwerson Reservoir No.2	do	do	.074	.073	1952	--	.72	--	--	--	--	SCS
	do	do	do	--	--	1957	5	.19	--	*.65	1.43	2,024	
35-32	Ingwerson Reservoir No.3	do	do	.335	.331	1954	--	18.73	--	--	--	--	SCS
	do	do	do	--	--	1957	3	17.01	--	*.65	1.71	2,421	
35-33	Kruse Reservoir	Papillion Creek	Elkhorn, Nebr.	.8	.779	1957	21	61.5	--	--	--	--	SCS
	do	do	do	--	--	1957	3	11.2	--	*.65	2.99	4,233	
35-34	Lugn Reservoir	Unnamed	Douglas, Nebr.	.263	.257	1946	--	12.8	--	--	--	--	SCS
	do	do	do	--	--	1957	11	4.33	--	*.65	2.93	4,148	
35-35	Niebuer Reservoir	Trib. L. Nemaha River	Dunbar, Nebr.	.163	.158	1949	--	14.48	--	--	--	--	SCS
	do	do	do	--	--	1957	8	10.92	--	*.65	2.72	3,851	
35-36	O'Brien Reservoir	South Cedar Creek	Manley, Nebr.	.417	.412	1937	--	22.09	--	--	--	--	SCS
	do	do	do	--	--	1957	20	7.28	--	*.65	1.77	2,505	
35-37a	O'Neill Reservoir	Trib. L. Nemaha River	Syracuse, Nebr.	.14	.13	1957	21	35.69	--	--	--	--	SCS
	do	do	do	--	--	1957	21	23.98	--	*.65	4.23	6,073	
35-38	Pickrell Reservoir No. 1	Russell Creek	Unadilla, Nebr.	.336	.326	1949	--	35.76	--	--	--	--	SCS
	do	do	do	--	--	1957	8	32.35	--	*.65	1.27	1,798	
35-39	Pickrell Reservoir No. 2	do	do	.102	.1	1954	--	3.18	--	--	--	--	SCS
	do	do	do	--	--	1957	5	2.36	--	*.65	--	725	
35-40	Pickrell Reservoir No. 3	do	do	.088	.066	1939	--	5.04	--	--	--	--	SCS
	do	do	do	--	--	1957	18	1.4	--	*.65	2.31	3,270	
35-41	Pickrell Reservoir No. 4	do	do	.114	.113	1934	--	2.3	--	--	--	--	SCS
	do	do	do	--	--	1957	23	1.6	--	*.65	--	272	
35-42	Pollard Reservoir	Weeping Water Creek	Nehawka, Nebr.	.1	.098	1936	--	7.63	--	--	--	--	SCS
	do	do	do	--	--	1957	21	4.38	--	*.65	1.55	2,194	
35-43	Ross Farm Reservoir	N. Fork Little Fox R.	Otoe, Nebr.	.077	.074	1948	--	3.12	--	--	--	--	SCS
	do	do	do	--	--	1957	9	6.71	--	*.65	2.04	2,868	
35-44	Rowher Reservoir	Long Creek	Fort Calhoun, Nebr.	.3	.296	1949	--	12.7	--	--	--	--	SCS
	do	do	do	--	--	1957	8	4.12	--	*.65	3.57	5,054	
35-45b	Mule Creek "A"	Trib. Nishnabotna River	Walvern, Iowa	.188	.177	July 1954	--	43.9	*1.109	--	--	--	SCS
	do	do	do	--	--	Oct. 1956	2.33	42	*1.061	73.4	4.63	7,400	
	do	do	do	--	--	Sept 1957	.92	40.2	*1.015	73.4	11.4	18,200	
	do	do	do	--	--	Oct. 1958	1.08	39.6	*1	72.3	3.11	4,900	
	do	do	do	--	--	Jan. 1960	1.33	38.9	*.982	58.7	2.99	3,800	
	do	do	do	--	--	Dec. 1960	.92	36.5	*.926	60.3	14.5	19,000	
	do	do	do	--	--	Feb. 1962	5/1	36	*.982	6/60	2.99	3,240	
	do	do	do	--	--	Jan. 1963	.32	34.7	*.878	69.5	7.85	11,880	
	do	do	do	--	--	Jan. 1964	1	35.54	*.857	6/60.3	8/	4.66	
	do	do	do	--	--	Jan. 1965	1	34.25	*.877	6/60.3	8/	3.2	6,140
	do	do	do	--	--	Jan. 1966	1	31.67	*.897	6/60.3	8/	12.20	16,377
	do	do	do	--	--	Jan. 1967	1	32.81	*.878	6/60.3	8/	7.32	
	do	do	do	--	--	Jan. 1968	1	30.38	*.878	6/60.3	8/	10.31	14,328
	do	do	do	--	--	Mar. 1969	1/1.17	31.77	*.878	6/75.5	8/	2.372	
35-46b	Mule Creek "B"	do	do	.383	.368	Aug. 1954	--	55.3	*.584	--	--	--	SCS
	do	do	do	--	--	Oct. 1956	2.17	52.6	*.651	72.6	3.31	5,200	
	do	do	do	--	--	Sept 1957	.92	51.8	*.641	69.5	2.55	3,900	
	do	do	do	--	--	Oct. 1958	1.08	50.3	*.623	59.2	3.64	4,700	
	do	do	do	--	--	Jan. 1960	1.33	47.6	*.589	67.2	5.82	8,180	
	do	do	do	--	--	Dec. 1960	.92	47.1	*.583	55.3	1.55	1,900	
	do	do	do	--	--	Feb. 1962	5/1	45.1	*.583	5/55.3	8/	6.11	6,153
	do	do	do	--	--	Jan. 1963	.92	44.5	*.588	62.1	4.73	6,400	
	do	do	do	--	--	Jan. 1964	1	44.6	*.552	51.8	8/	2.88	
	do	do	do	--	--	Jan. 1965	1	42.7	*.528	51.8	4.32	5,550	
	do	do	do	--	--	Jan. 1966	1	36.5	*.452	51.8	16.31	12,080	
	do	do	do	--	--	Aug. 1966	2.58	33.89	*.494	51.8	8/	15.704	
	do	do	do	--	--	June 1969	2.75	40.059	.5	9/71.64	8/	2.96	

1/ Water Supply pool. Reservoir has greater capacity at Spillway crest elevation.

2/ Reservoir silted full June 1944.

3/ Includes 0.13 ac.-ft. of sediment above emergency spillway.

4/ Area assumed to contribute surface runoff is 41 sq. mi.

5/ Adjusted to correct previous year's error.

6/ Based on December 1960 sample.

7/ Pond dry when surveyed.

8/ Minus (-) indicates scour or compaction (treated as negative sediment).

9/ Weight determined by gamma probe.

Estimated or assumed.

**SUMMARY OF  
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975**

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQ. MILES)		DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN		AGENCY SUPPLYING DATA
				TOTAL	NET						AC-FT.	TONS	
MISSOURI RIVER BASIN (ABOVE BLAIR TO NEBRASKA CITY) PLATTE RIVER BASIN (BELOW NORTH PLATTE) (Continued)													
35-47b	Mule Creek "C"	Trib. Nishnabotna River	Malvern, Iowa	1,916	.323	July 1954	--	76.2	--	--	--	--	SCS
	do	do	do	--	--	Oct. 1955	--	79.3	--	53.3	3.28	3,920	
	do	do	do	--	--	Sept. 1957	--	83.1	--	55.1	15.5	22,520	
	do	do	do	--	--	Oct. 1958	--	67.6	--	53.6	3.3	5,150	
	do	do	do	--	--	Jan. 1960	--	66.9	--	61.0	1.96	2,700	
	do	do	do	--	--	Dec. 1960	--	64.9	--	55.2	6.69	8,000	
	do	do	do	--	--	Feb. 1962	2/1	64.1	--	55.2	2.6	3,120	
	do	do	do	--	--	Jan. 1963	--	61.6	--	58	8.42	10,540	
	do	do	do	--	--	Jan. 1964	1	63.59	--	57.8	6.19	--	
	do	do	do	--	--	Jan. 1965	1	59.88	--	65.44	11.49	1,048	
	do	do	do	--	--	Mar. 1969	--	57.58	--	5/65.44	1.71	112	
35-48b	Mule Creek "P"	Trib. of Mule Creek		.063	.06	Oct. 1955	--	13.4	*1.47	--	--	--	SCS
	do	do	do	--	--	Nov. 1956	1.08	18.6	*1.409	77.2	15.3	22,400	
	do	do	do	--	--	Sept. 1957	.83	17.7	*1.341	57.6	17.9	22,500	
	do	do	do	--	--	Sept. 1958	1	17.6	*1.333	72.8	1.5	2,460	
	do	do	do	--	--	Jan. 1960	1.33	17.1	*1.295	44.5	5.83	5,600	
	do	do	do	--	--	Dec. 1960	.92	16.3	*1.235	36.5	15.3	16,300	
	do	do	do	--	--	Feb. 1962	1.17	15.1	*1.22	35.5	2.67	3,300	
	do	do	do	--	--	Jan. 1963	.92	15.4	*1.167	63.3	12.17	16,000	
	do	do	do	--	--	Jan. 1964	1	--	--	58	0	0	
	do	do	do	--	--	Jan. 1965	1	14.7	*1.114	54.3	11.43	13,500	
	do	do	do	--	--	Jan. 1966	1	13.7	*1.058	54.3	17.32	22,500	
	do	do	do	--	--	Jan. 1967	1	14.361	1.086	54.3	4/7-7.767	--	
	do	do	do	--	--	Jan. 1969	1	13.793	1.045	54.3	9.467	11,196	
35-49c	Mule Creek "R"	do	do	.819	.796	Oct. 1955	--	103.422	.536	--	--	--	SCS
	do	do	do	--	--	Jan. 1967	11.25	79.87	.462	49.9	2.63	2,858	
	do	do	do	--	--	Jan. 1968	1	74.77	.432	49.9	6.41	5,200	
	do	do	do	--	--	Feb. 1969	1.08	73.56	.427	5/86.22	1.00	1,165	
	do	do	do	--	--	Jan. 1974	4.92	72.26	.418	61.23	.1	582	
35-50	Niles Wallace Pond	Platte	Cozad, Nebr.	.81	.81	--- 1939	--	5/1.61	--	--	--	--	SCS
	do	do	do	--	--	Sept. 1964	25	.72	--	104	.05	113	
35-51	Gayle Miller Pond	do	do	.94	.94	--- 1948	--	16.18	--	--	--	--	SCS
	do	do	do	--	--	Sept. 1964	16	13.06	--	70	.21	320	
35-52	Kenneth Smith Pond	do	do	.49	.49	--- 1940	--	5.97	--	95	.08	166	
	do	do	do	--	--	Oct. 1964	24	4.99	--	--	--	--	SCS
35-53	Wayne Bartleff Pond	do	do	1.13	1.13	--- 1940	--	15.7	--	95	.11	228	
35-54	Oak-Middle Cr. Wshd. Site 57-A	North Platte	Dwight, Nebr.	.89	.89	Jan. 1958	--	175.7	--	--	--	--	SCS
	do	do	do	--	--	Dec. 1964	7	140.6	--	66	5.61	2,064	
MISSOURI RIVER BASIN (NIOBRARA TO ABOVE BLAIR) JAMES AND BIG SIOUX RIVER BASINS													
36-1	Split Rock	Trib. Big Sioux River	Ehlen, Minn.	41.3	41.1	July 1958	--	829	*.214	--	--	--	SCS
	do	do	do	--	--	July 1949	--	520.1	*.542	42.0	4.02	401	
36-2a	C. A. Stiles	Unnamed	Waskita, Iowa	.536	.578	Dec. 1950	--	78	*.274	--	--	--	SCS
	do	do	do	--	--	Mar. 1949	3.5	70.7	*.247	46.9	1.54	1,580	
	do	do	do	--	--	Sept. 1950	1.5	69.1	*.335	57.8	1.82	2,300	
	do	do	do	--	--	Feb. 1953	2.4	67.7	*.326	57.6	.98	1,240	
36-3	Farmers' Ditch Old Desilting Basin	Farmers' Ditch	Bronson, Iowa	22.9	21.4	Apr. 1941	--	7/674	*.178	--	--	--	SCS
	do	do	do	--	--	Feb. 1945	3.8	275	*.073	68.3	4.91	7,300	
36-4	Strunk Farm Pond	Trib. of Clay Creek	Mayfield, S. D.	.408	.407	July 1947	--	4.09	*.157	--	--	--	SCS
	do	do	do	--	--	July 1953	6	3.37	*.129	*65	.3	411	
36-5	Broderson Farm Pond	do	Volin, S. D.	2.46	2.45	July 1951	--	25.19	*.16	--	--	--	SCS
	do	do	do	--	--	July 1953	2	20.1	*.128	*55	1.04	1,246	
36-6	Masters Upper Reservoir	Unnamed	Mapleton, Iowa	.178	.169	Dec. 1949	--	37.95	*.949	--	--	--	SCS
	do	do	do	--	--	Sept. 1950	.79	3/38.2	*.955	--	--	--	
	do	do	do	--	--	Aug. 1951	.87	35.25	*.681	*77.7	20.1	34,015	
	do	do	do	--	--	Apr. 1952	.73	34.8	*.87	*77.7	3.67	6,211	
	do	do	do	--	--	Nov. 1952	.60	34.8	*.87	77.7	--	--	

36-7	Nepper Main	-----do-----	-----do-----	-----do-----	196	.186	Mar. 1949	--	38.1	*.886	--	--	--	SCS	
	do	-----do-----	-----do-----	-----do-----	--	--	July 1950	1.37	37.8	*.859	*76.1	1.25	2,070		
	do	-----do-----	-----do-----	-----do-----	--	--	July 1951	1.01	34.4	*.782	*76.1	17.96	29,768		
	do	-----do-----	-----do-----	-----do-----	--	--	Nov. 1952	1.31	34.4	*.782	76.1	--	--		
	do	-----do-----	-----do-----	-----do-----	--	--	Mar. 1949	--	8.45	*.497	--	--	--	SCS	
36-8	Nepper Southwest	-----do-----	-----do-----	-----do-----	.075	.069	Aug. 1950	1.42	8.45	*.497	*72.7	0	0		
	do	-----do-----	-----do-----	-----do-----	--	--	Aug. 1951	.98	7.88	*.464	*72.7	8.41	13,319		
	do	-----do-----	-----do-----	-----do-----	--	--	Nov. 1952	1.3	7.88	*.464	72.7	0	0		
36-9	Theobold Main	-----do-----	-----do-----	Antho, Iowa	.483	.442	June 1949	--	103.2	*1.053	--	--	--	SCS	
	do	-----do-----	-----do-----	-----do-----	--	--	Aug. 1950	1.15	94	*.959	*72.3	18.1	28,502		
	do	-----do-----	-----do-----	-----do-----	--	--	May 1951	.77	93.5	*.954	*72.3	1.36	2,142		
	do	-----do-----	-----do-----	-----do-----	--	--	Oct. 1952	1.38	89.2	*.91	72.3	7.13	11,228		
	do	-----do-----	-----do-----	-----do-----	--	--	Nov. 1948	--	33.5	*.735	--	--	--	SCS	
36-10	Theobold Lateral C.	-----do-----	-----do-----	-----do-----	.25	.234	July 1950	1.7	34.5	*.676	*67.9	7.65	11,313		
	do	-----do-----	-----do-----	-----do-----	--	--	May 1951	.83	34.3	*.673	*67.9	1.08	1,597		
	do	-----do-----	-----do-----	-----do-----	--	--	May 1952	.94	33.5	*.657	67.9	3.6	5,324		
	do	-----do-----	-----do-----	-----do-----	--	--	Nov. 1948	--	19.5	*.975	--	--	--	SCS	
	do	-----do-----	-----do-----	-----do-----	--	--	July 1950	1.71	18.9	*.945	*73.1	3.63	5,750		
	do	-----do-----	-----do-----	-----do-----	--	--	May 1951	.82	16.7	*.935	*73.1	2.86	4,560		
	do	-----do-----	-----do-----	-----do-----	--	--	Oct. 1952	1.42	16.6	*.93	73.1	.72	1,146		
36-12a	Mortenson	-----do-----	-----do-----	Cherokee,	1.99	1.37	Oct. 1950	--	229	*7.78	--	--	--	SCS	
35-13	Bartlett	-----do-----	-----do-----	Alcester, S. D.	.234	.234	Nov. 1936	--	12.84	1.035	--	--	--	SCS	
	do	-----do-----	-----do-----	-----do-----	--	--	Nov. 1955	19	6.86	.553	77	1.35	2,264		
36-14b	Lake Mitchell	-----do-----	-----do-----	Mitchell, S. D.	584	496	Oct. 1928	--	10,943	.49	--	--	--	SCS	
	do	-----do-----	-----do-----	-----do-----	--	--	July 1948	19.8	10,380	.47	*46.79	.057	58		
	do	-----do-----	-----do-----	-----do-----	--	--	Aug. 1958	10	9,798	.44	*46.79	.117	119		
	do	-----do-----	-----do-----	-----do-----	--	--	July 1969	11	9,235	.42	65.47	.103	231		
	do	-----do-----	-----do-----	-----do-----	--	--	Aug. 1950	--	12.79	.26	--	--	--	SCS	
36-15	Salem Dam	-----do-----	-----do-----	Sioux Falls, S. D.	1.158	1.158	Aug. 1950	--	8.16	1.32	*60	--	1,046		
	do	-----do-----	-----do-----	-----do-----	--	--	Apr. 1955	18.5	3.14	.388	56.4	1.52	1,867		
36-16	Scott No. 2	-----do-----	-----do-----	Alcester, S. D.	.152	.152	Oct. 1936	--	7.36	.909	--	--	--	SCS	
36-17	Lake Vermillion	-----do-----	-----do-----	Montrose, S. D.	402.9	402	Mar. 1959	--	5,173.7	.237	--	--	--	FCC	
	do	-----do-----	-----do-----	-----do-----	--	--	June 1954	5.25	4,527.5	.293	35	.117	65		
	do	-----do-----	-----do-----	-----do-----	--	--	Aug. 1955	--	3.2	1	--	--	--	FCC	
36-16	Vermillion Wshd. No. A	-----do-----	-----do-----	Gales, C. D.	.075	.075	Nov. 1965	10.3	8.27	.634	*50	--	.66	740	
	do	-----do-----	-----do-----	-----do-----	--	--	Oct. 1950	--	6.48	.629	--	--	--	FCC	
36-19	Vermillion Wshd. No. B	-----do-----	-----do-----	-----do-----	.237	.237	Nov. 1955	15	5.06	.491	*50	--	.4	435	
36-20	Lake Okabena	-----do-----	-----do-----	Worthington, Minn.	17.4	16.27	--	--	5.183	2.234	--	--	--	SCS	
	do	-----do-----	-----do-----	-----do-----	--	--	Mar. 1953	65	3/5,100	2.198	26	.87	492		
36-21a	Scott Creek #11	-----do-----	-----do-----	Alcester, S. D.	1.85	1.45	Oct. 1954	--	196.64	2.55	--	--	--	SCS	
	do	-----do-----	-----do-----	-----do-----	--	--	Apr. 1965	10.5	192.7	2.5	*65	--	.26	368	
	do	-----do-----	-----do-----	-----do-----	--	--	May 1979	5.1	179.75	2.33	--	--	1,785	2,527	
36-22	Richmond Lake	-----do-----	-----do-----	Aberdeen, S. D.	82	73.5	Jan. 1937	--	9,880.9	7.53	--	--	--	SCS	
	do	-----do-----	-----do-----	-----do-----	--	--	Sept 1969	--	8,377.08	6.84	51.8	--	.378	426	
36-23	Marindahl	-----do-----	-----do-----	Irene, S. D.	61.9	57.6	July 1954	--	2,228	.9	--	--	--	SCS	
36-24	Wild Rice WR-3	-----do-----	-----do-----	Britton, S. D.	17	5.95	July 1972	18	2,034	.82	46.74	--	.19	193	
	do	-----do-----	-----do-----	-----do-----	--	--	May 1981	--	855.2	8.73	--	--	--	FCC	
	do	-----do-----	-----do-----	-----do-----	--	--	Sept 1973	12.25	240.64	8.61	59.57	--	.16	243	
36-25	Wild Rice WR-5	-----do-----	-----do-----	-----do-----	5.16	2.35	Sept 1961	--	800	7.12	--	--	--	SCS	
	do	-----do-----	-----do-----	-----do-----	--	--	Sept 1973	12	274.43	7.04	61.58	--	.2	267	

MISSOURI RIVER BASIN (ABOVE PIERRE TO NIORABARA)  
Niobrara and White River Basins

37-1a	Elkins Stock Pond No. 1	Br. Frozenman Creek	Hayes, S. D.	.58	.57	May 1907	--	18.61	--	--	--	--	--	SCS
	do	-----do-----	-----do-----	-----do-----	--	--	June 1937	30	15.78	--	41.3	--	.16	144
37-2	Elkins Stock Pond No. 2	-----do-----	-----do-----	-----do-----	.33	.33	May 1911	--	4.34	--	--	--	--	SCS
	do	-----do-----	-----do-----	-----do-----	--	--	June 1937	26	3.18	--	36.6	--	.136	108
37-3	Land Utilization Project No. 226-1	Trib. of Bad River	Pierre, S. D.	.203	.197	Mar. 1936	--	16.7	--	--	--	--	--	SCS
	do	-----do-----	-----do-----	-----do-----	--	--	July 1945	9.3	15.2	--	--	--	.822	--
37-4	Land Utilization Project No. 226-2	Trib. Missouri River	-----do-----	.995	.981	Mar. 1936	--	34	--	--	--	--	--	SCS
	do	-----do-----	-----do-----	-----do-----	--	--	July 1945	9.3	29.8	--	--	--	.458	--
37-5	Land Utilization Project No. 226-4	Trib. of Bad River	-----do-----	.748	.742	May 1936	--	13.6	--	--	--	--	--	SCS
	do	-----do-----	-----do-----	-----do-----	--	--	July 1945	9.2	9.9	--	--	--	.539	--
37-6	Land Utilization Project No. 226-6	Trib. of Missouri River	-----do-----	2.555	2.541	Apr. 1936	--	31.8	--	--	--	--	--	SCS
	do	-----do-----	-----do-----	-----do-----	--	--	July 1945	8.3	25.1	--	--	--	.385	--
37-7	Land Utilization Project No. 226-13	Trib. of Bad River	-----do-----	.166	.163	Oct. 1936	--	9.1	--	--	--	--	--	SCS
	do	-----do-----	-----do-----	-----do-----	--	--	July 1945	8.7	8.3	--	--	--	.521	--
37-8	Land Utilization Project No. 226-21	Trib. of Missouri River	-----do-----	.245	.234	Oct. 1936	--	28.9	--	--	--	--	--	SCS
	do	-----do-----	-----do-----	-----do-----	--	--	July 1945	8.7	26.1	--	--	--	1.389	--
37-9	Land Utilization Project No. 226-22	Trib. of Bad River	-----do-----	.514	.511	Nov. 1936	--	9.2	--	--	--	--	--	SCS
	do	-----do-----	-----do-----	-----do-----	--	--	July 1945	8.7	8.3	--	--	--	.2	--

1/ Includes upstream structures.  
Adjusted to correct previous years error.  
Based on December 1960 sample.  
Minus (-) indicates scour or compaction. (treated as negative sediment).  
Weight determined by gamma probe.

6/ Water supply pool capacity. Reservoir capacity is greater at spillway crest elevation.  
7/ Conservation pool capacity. Flood pool capacity is 1,052 ac.-ft.  
8/ Increase in capacity in 1950 was due to settlement of dam.  
9/ 837 ac.-ft. of storage created by dredging.  
\*/ Estimated or assumed.

**SUMMARY OF  
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975**

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES)		DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN		AGENCY SUPPLYING DATA
				TOTAL	NET						AC.-FT.	TONS	
MISSOURI RIVER BASIN (ABOVE PIERRE TO NICBRARA) Nicbrara and White River Basins (Continued)													
37-10	Land Utilization Project No. 226-25.	Trib. of Missouri River	Pierre, S. D.	.147	.144	Nov. 1937	--	9.3	--	--	--	--	SCS
37-11	Land Utilization Project No. 226-31.	-----do-----	-----do-----	.225	.22	July 1945 Mar. 1937	7.7 --	8.4 13.9	--	--	.799	--	SCS
37-12	Land Utilization Project No. 226-32.	-----do-----	-----do-----	.477	.472	July 1945 Mar. 1937	8.3 --	12.3 14.1	--	--	.859	--	SCS
37-13	Land Utilization Project No. 226-34.	-----do-----	-----do-----	1.222	1.209	July 1945 June 1937	8.3 --	12.1 44.3	--	--	.508	--	SCS
37-14	Land Utilization Project No. 226-35.	-----do-----	-----do-----	.508	.502	July 1945 May 1938	8.1 --	40 18.4	--	--	.443	--	SCS
37-15	Land Utilization Project No. 243-1.	-----do-----	-----do-----	.108	.106	July 1945 Nov. 1937	7.2 --	16.1 2.7	--	--	.631	--	SCS
37-16	Land Utilization Project No. 243-2.	Unnamed Stream (interior drainage)	-----do-----	.134	.131	July 1945 Nov. 1937	7.7 --	2 5.2	--	--	.811	--	SCS
37-17	Land Utilization Project No. 243-3.	Trib. of Missouri River	-----do-----	.072	.07	July 1945 Nov. 1937	7.7 --	3 2.6	--	--	2.206	--	SCS
37-18	Land Utilization Project No. 243-6.	Trib. of Bad River	-----do-----	.117	.116	July 1945 Nov. 1937	7.7 --	2.2 3.2	--	--	.7	--	SCS
37-19	Land Utilization Project No. 243-10.	Trib. of Missouri River	-----do-----	.533	.532	July 1945 June 1938	7.7 --	2.8 3.7	--	--	.474	--	SCS
37-20	Land Utilization Project No. 243-11.	-----do-----	-----do-----	.339	.338	July 1945 July 1938	7.1 --	2.3 4.5	--	--	.222	--	SCS
37-21	Harris Reservoir North	Unnamed	Gordon, Nebr.	.577	.573	July 1945 May 1947	7 --	3.9 7.3	--	--	.266	--	SCS
37-22	Harris Reservoir South	-----do-----	-----do-----	11.9	11.85	Nov. 1956 May 1947	9.5 --	5.57 18.64	*70	--	.315	480	SCS
37-23	Johnson Reservoir	-----do-----	-----do-----	.856	.849	Nov. 1956 Nov. 1948	9.5 --	15.77 16.25	*70	--	.023	38	SCS
37-24a	Lake Dante	Trib. of Choteau Creek	Wagner, S. D.	2.89	2.89	Nov. 1937 Oct. 1955	10.3 17.9	260.73 230.95	.352 .312	*60	.578	756	SCS
37-25	Eggars	Trib. of Missouri River	-----do-----	10.3	10.3	July 1937 July 1965	-- 28	231 200.32	.84 .728	50	.107	115	SCS
MISSOURI RIVER BASIN (MOBRIDGE TO ABOVE PIERRE) Cheyenne and Belle Fourche River Basins													
38-1	Johnson's Stock Pond	Trib. L. Cheyenne River	Gettysburg, S. D.	.191	.168	June 1912 June 1937	-- 25	2.56 1.85	--	--	--	--	SCS
38-2	Bartel Stock Pond	Little Cheyenne Creek	-----do-----	.609	.606	June 1937 June 1937	29 29	4.5 2.8	--	58.1	.16	232	SCS
38-3a	W-14 (Anderson)	Trib. Fourmile Creek	Vale, S. D.	.054	.054	Nov. 1956 Oct. 1958	-- --	5.6 5.14	1.42	53.6	.08	93	ARS
38-4a	W-9 (Smeenk)	Sulphur Creek	Sulphur, S. D.	1.27	1.27	Dec. 1962 Apr. 1967	4.2 4.3	4.51 4.36	1.14 1.11	70 70	4.48 2.78	6,708 4,158	ARS
38-5	Angostura Reservoir	Cheyenne River	Hot Springs, S. D.	9,100	9,098	Nov. 1951 June 1961 June 1969	-- 9.6 8	350.9 334 315.3	10.35 9.85 9.3	--	84 84	2,525 3,367	BR
38-6	Sturgis Watershed No. 1	Alkali Creek	Sturgis, S. D.	.339	.339	Oct. 1949 Sept. 1965	-- 16	159,919 136,761	.866 .752	--	145	178	FS
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1965	1	--	--	92.2	1/--	2/--	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1966	1	--	--	92.2	1/--	2/--	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1967	1	--	--	92.2	1/--	2/--	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1968	1	--	--	92.2	1/--	2/--	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1969	1	--	--	92.2	1/--	2/--	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1970	1	--	--	92.2	1/--	2/--	

38-7	Sturgis Watershed No. 2-	do	do	139	139	Oct. 1965	--	--	--	--	--	FE
	do	do	do	--	--	Oct. 1966	1	--	92.2	--	2/	2
	do	do	do	--	--	Oct. 1967	1	--	92.2	.001	2/	2
	do	do	do	--	--	Oct. 1968	1	--	92.2	1/	2/	2
	do	do	do	--	--	Oct. 1969	1	--	92.2	1/	2/	2
	do	do	do	--	--	Oct. 1970	1	--	92.2	.004	2/	9
38-8	Sturgis Watershed No. 3-	do	do	237	297	Oct. 1965	--	--	--	--	2/	FE
	do	do	do	--	--	Oct. 1966	1	--	92.2	1/	2/	2
	do	do	do	--	--	Oct. 1967	1	--	92.2	1/	2/	2
	do	do	do	--	--	Oct. 1968	1	--	92.2	1/	2/	2
	do	do	do	--	--	Oct. 1969	1	--	92.2	1/	2/	2
	do	do	do	--	--	Oct. 1970	1	--	92.2	.001	2/	2
38-9	Canyon Lake	Rapid Creek	Rapid City, S. D.	385	3/66.35	Sept. 1933	--	300.77	.011	--	--	SCS
	do	do	do	--	--	Oct. 1970	37	221.75	.008	65	4/032	4/50
38-10a	Barrel Detention Dam	Unnamed	New Castle, Wy.	6.15	4.77	Aug. 1968	--	454.6	.73	--	--	SCS
	do	do	do	--	--	Dec. 1970	2.25	438.4	--	86.25	1.51	2,837
	do	do	do	--	--	Nov. 1971	--	431.6	.69	--	1.43	2,690
	do	do	do	--	--	June 1974	2.75	415.9	.67	--	1.19	2,241
38-11	New Underwood Reservoir	do	New Underwood, S.D.	2.97	2.94	-- 1935	--	138.5	--	--	--	SCS
	do	do	do	--	--	Aug. 1970	35	120.2	--	*60	.177	231

MISSOURI RIVER BASIN (WILLISTON TO MOBRIDGE).  
Moreau, Grand, Cannonball, Heart, and Little Missouri River Basins

39-1	Frederick Stock Dam	Louse Creek	Flasher, N. D.	1.17	1.17	-- 1935	--	1.06	*.021	--	--	SCS
	do	do	do	--	--	Aug. 1956	21	.864	*.017	*35	.00797	6
39-2a	Hiddenwood Lake	Hiddenwood Creek	Selby, S. D.	31.8	27.2	May 1926	--	5/207.78	.549	--	--	SCS
	do	do	do	--	--	Sept 1959	33.3	165.7	.438	55	.047	56
39-3	Kaubisch Reservoir	Trib. of Moreau	Sorum, S. D.	2.2	1.9	Aug. 1924	--	389.8	--	--	--	SCS
	do	do	do	--	--	Aug. 1964	40	380.75	--	*60	.12	157
39-4	Clark Reservoir	do	do	3.56	2.56	Aug. 1949	--	62	--	--	--	SCS
	do	do	do	--	--	Aug. 1964	15	56.15	--	*60	.15	196
39-5	Wenner Reservoir	Trib. of Grand	Leomon, S. D.	.493	.493	Aug. 1951	--	83.96	3.162	--	--	SCS
	do	do	do	--	--	Aug. 1964	13	33.96	3.005	*60	.3	392
39-6	Cole Reservoir	do	do	4.66	2.21	Aug. 1937	--	161.1	--	--	--	SCS
	do	do	do	--	--	Aug. 1964	27	144.01	--	*60	.29	379
39-7	Van Costing Dam	Trib. of Missouri River	Hensler, N. D.	1.78	1.76	Apr. 1950	--	171.5	*3.618	--	--	SCS
	do	do	do	--	--	Oct. 1964	14.5	167	*3.323	65.4	5/176	5/232
39-8	Battle Creek Detention D.	Battle Creek	Hullett, Wy.	18.44	18.44	Nov. 1967	--	620.1	*.63	--	--	SCS
	do	do	do	--	--	Sept 1970	2.83	614.7	*.62	--	.104	162
39-9	Sterling Dam	Randon Creek	Sterling, N. D.	42.81	42.7	-- 1900*	--	525.67	.822	--	--	SCS
	do	do	do	--	--	Aug. 1973	73	390.6	.611	19.6	.043	18

MISSOURI RIVER BASIN (ZORTMAN TO WILLISTON)  
Milk and Musselshell River Basins

40-1	Yellow Water	Yellow Water Creek	Winnett, Mont.	55	54	June 1938	--	4,796	--	--	--	SCS
	do	do	do	--	--	Sept 1948	--	4,616	--	*32	.32	224
40-2	Fort Peck	Missouri River	Fort Peck, Mont.	57,725	2/	Oct. 1937	--	19,537,492	--	--	--	CF
	do	do	do	--	--	June 1950	12.67	19,233,666	--	56.7	.65	803
	do	do	do	--	--	Sept 1952	2.25	19,186,698	--	57.4	.53	724
	do	do	do	--	--	June 1954	1.75	19,164,369	--	57.9	.33	471
	do	do	do	--	--	May 1958	3.92	19,162,468	--	58.8	.013	75
	do	do	do	--	--	June 1961	3.08	19,138,511	--	59.4	.22	336

MISSOURI RIVER BASIN (ABOVE ZORTMAN)

41-1	Anderson Reservoir	Trib. of Pondera Creek	Conrad, Mont.	.156	.156	-- 1916	--	9.27	--	--	--	SCS
	do	do	do	--	--	Oct. 1955	39	8.44	*60	.136	183	SCS
41-2a	Kropp	do	do	.625	.625	-- 1900	--	4.7	--	--	--	SCS
	do	do	do	--	--	Oct. 1955	55	3.84	*60	.025	33	SCS
41-3	Walston	do	do	2.96	2.96	-- 1915	--	66.13	--	--	--	SCS
	do	do	do	--	--	Oct. 1955	40	51.71	*60	.122	166	BR
41-4	Gibson Reservoir	Sun River	Augusta, Mont.	575	573	-- 1930	--	104,784	.36	--	--	BR
	do	do	do	--	--	Aug. 1973	44	99,059	.34	*70	.23	350

LOWER YELLOWSTONE RIVER BASIN  
Tongue and Powder River Basins

42-1a	Baker Lake	Sandstone Creek	Baker, Mont.	5.2	5.01	May 1908	--	756	3.4	--	--	SCS
	do	do	do	--	--	May 1937	29.1	502	2.26	39	1.74	1,478
	do	do	do	--	--	May 1955	18	393	1.77	45	1.21	1,553
	do	do	do	--	--	July 1970	15.2	235	1.06	40	2.08	1,288
42-2	Tongue River	do	do	1,740	1,734.5	May 1939	--	72,510	.248	--	--	BR
	do	do	do	--	--	Oct. 1948	9.42	69,439	.237	70.5	.188	289
42-3	Herzog Reservoir	Dry Creek	Miles City, Mont.	6.92	6.92	-- 1941	--	300	4.05	--	--	SCS
	do	do	do	--	--	-- 1969	28	222	3	70	.403	614

1/ Less than .001. Material removed from Weir Pond facility periodically.

2/ Less than one ton.

3/ Pactola Reservoir controls about 320 sq. mi.

4/ 9.9 ac.-ft. sediment, removed in 1956, not included.

5/ Conservation pool capacity. Reservoir has greater capacity at spillway crest elevation.

6/ Includes .03 ac.-ft. above crest deposits.

7/ 1937-1955=39,097 sq. mi.; 1956-1961=34,692 sq. mi.

8/ Estimated or assumed.



**SUMMARY OF  
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975**

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES)		DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN		AGENCY SUPPLYING DATA
				TOTAL	NET						AC-FT.	TONS	
<b>UPPER YELLOWSTONE RIVER BASIN</b>													
43-1b	Buffalo Bill	Shoshone River	Cody, Wy.	1,470	1,470	May 1910	--	455,838	.492	--	--	--	BR
	do	do	do	--	--	1941	31.7	439,851	.474	--	.34	--	
	do	do	do	--	--	1958	17	421,333	.455	--	.82	--	
43-2	Big Gin	Trib. Fifteenmile Creek	Worland, Wy.	.942	.918	Oct. 1954	--	99.2	3,906	--	--	--	GS
	do	do	do	--	--	1955	1	98.1	3,862	--	1.2	--	
	do	do	do	--	--	1958	3	96	3,78	--	.6	--	
	do	do	do	--	--	1961	3	93.2	3,659	--	1	--	
43-3	Fraser Draw	Fraser Draw	Moneta, Wy.	27.4	27.4	Oct. 1954	--	90.2	1,797	--	--	--	GS
	do	do	do	--	--	1958	4	87.7	1,747	--	.02	--	
	do	do	do	--	--	1960	2	83.3	1,659	--	.08	--	
43-4	East Fork	Graham Draw	do	.81	.81	June 1949	--	12.3	4,241	--	--	--	GS
	do	do	do	--	--	1949	.42	11.73	4,045	--	1.68	--	
	do	do	do	--	--	1952	2.54	11.01	3,797	--	.35	--	
	do	do	do	--	--	1955	3.42	10.83	3,734	--	.06	--	
	do	do	do	--	--	1957	2	10.61	3,659	--	.14	--	
43-5	West Fork	do	do	.38	.38	Oct. 1960	3	10.58	3,548	--	.01	--	
	do	do	do	--	--	1948	--	3.13	3,817	--	--	--	GS
	do	do	do	--	--	1949	1.25	2.94	3,585	--	.39	--	
	do	do	do	--	--	1952	2.54	2.54	3,098	--	.42	--	
	do	do	do	--	--	1955	3.42	2.82	3,195	--	0	--	
	do	do	do	--	--	1957	2	2.59	3,159	--	.05	--	
43-6	Red Spires	Rock Waterhole Creek	Worland, Wy.	5.24	5.2	Oct. 1960	3	2.47	3,012	--	.11	--	
	do	do	do	--	--	1954	--	193.4	1,098	--	--	--	GS
	do	do	do	--	--	1955	1	191.3	1,086	--	.4	--	
	do	do	do	--	--	1958	3	176.1	1	--	.98	--	
43-7	Boysen	Wind River	Thermopolis, Wy.	7,700	7,670	Oct. 1961	3	154.5	.877	--	1.38	--	BR
	do	do	do	--	--	1951	--	819,132	.625	--	--	--	
	do	do	do	--	--	1964	12.8	802,004	.612	83	.17	307	
<b>ARKANSAS RIVER BASIN (VAN BUREN TO LITTLE ROCK) WHITE RIVER BASIN</b>													
44-1a	Lake Bennett	East Fork Creek	Conway, Ark.	4.16	4.11	June 1935	--	494	--	--	--	--	SCS
	do	do	do	--	--	1935	--	490	--	--	2.43	--	
	do	do	do	--	--	1946	11	481	--	.13	.2	--	
44-2	Lake Booneville	Trib. Petit Jean Creek	Booneville, Ark.	2.6	2.57	Mar. 1929	--	289	--	127	--	--	SCS
	do	do	do	--	--	1935	6.75	282	--	--	.455	--	
44-3	Lake Fort Smith	Jack and Jones Creeks	Mountainburg, Ark.	65	64	Feb. 1936	--	*13,810	--	--	--	--	SCS
	do	do	do	--	--	1940	4.2	13,727	--	--	.31	--	
44-4	Lake Bailey	Cedar Creek	Morrilton, Ark.	15.2	15	Sept 1937	--	629	--	--	--	--	SCS
	do	do	do	--	--	1940	2.7	602	--	--	.66	--	
44-5	Lake Taneycomo	White River	Branson, Mo.	4,610	4,606	Mar. 1913	--	43,980	--	--	--	--	SCS
	do	do	do	--	--	1935	22.4	23,714	--	--	.196	--	
44-6	Nimrod	Fourche La Fave River	Nimrod, Ark.	680	652	May 1942	--	336,000	.532	--	--	--	CE
	do	do	do	--	--	1950	7.9	1/336,000	.532	--	1/--	--	
44-7	Norfork	North Fork River	Norfork, Ark.	1,806	1,772	June 1943	--	1,560,500	1,138	--	--	--	CE
	do	do	do	--	--	1950	6.9	2/1,560,500	1,138	--	2/--	--	
44-8	Cove Lake	Arkansas River Trib.	Paris, Ark.	10.9	10.66	May 1938	--	2,206	*.298	--	--	--	SCS
	do	do	do	--	--	1953	15.5	2,141	*.29	--	.39	--	
44-9	Charleston Lake	do	Charleston, Ark.	1.03	.93	Apr. 1937	--	*385	*.355	--	--	--	SCS
	do	do	do	--	--	1953	16.66	284	*.37	--	3.94	--	
44-10	Six Mile Creek No. 2	Shaver Creek	Caulksville, Ark.	5.38	5.26	Oct. 1954	--	3/1,613.93	.469	--	--	--	SCS
	do	do	do	--	--	1961	6.67	3/1,608.15	.467	--	3/1.17	--	
	do	do	do	--	--	1954	--	4/209.52	.09	--	--	--	
44-11	Six Mile Creek No. 5	Little Caney Creek	do	1.9	1.61	July 1961	6.67	2/501.01	.287	--	2/1.24	--	SCS
	do	do	do	--	--	1954	--	3/660.98	.705	--	--	--	
	do	do	do	--	--	1961	6.63	2/854.63	.703	--	3/1.53	--	
	do	do	do	--	--	1954	--	4/221.96	.183	--	--	--	
44-12	Six Mile Creek No. 23	Trib. Hurricane Creek	Peter Pender, Ark.	4.16	3.91	July 1961	6.63	4/212.77	.177	--	4/1.51	--	SCS
	do	do	do	--	--	1955	--	3/989.25	.372	--	--	--	
	do	do	do	--	--	1961	6	3/983.27	.369	--	3/1.26	--	
	do	do	do	--	--	1955	--	4/75.92	.029	--	--	--	
44-13	Dardanelle Reservoir	Arkansas River	Dardanelle, Ark.	5/53,703	11,333	July 1961	6	3/70.64	.027	--	4/1.23	--	CE
	do	do	do	--	--	1964	--	460,300	5/0.532	--	--	--	
	do	do	do	--	--	1965	--	452,600	5/0.532	*80	.626	1,090	
	do	do	do	--	--	1968	2.5	443,500	5/0.54	80	.321	560	

44-14	Six Mile Creek Site No.6	Six Mile Creek-----	Chisnville, Ark.--	4.14	4.07	Oct. 1954 --	1,304.03	.446	--	--	--	SCS
	-do-	-do-	-do-	--	--	May 1964 9.58	1,275.62	.436	68.8	.73	1,093	
	-do-	-do-	-do-	--	--	Oct. 1970 6.42	1,253.26	.429	76.1	.86	1,425	
ARKANSAS RIVER BASIN (TULSA TO VAN BUREN) Grand, Verdigris, and Lower Canadian River Basins												
45-1	Lake Wedington-----	Trib. of Illinois River	Fayetteville, Ark.	4.06	3.92	July 1937 --	1,260	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Aug. 1947 10.1	1,249	--	--	.278	--	
45-2	Wilson-----	Wilson Creek-----	-do-	2.35	2.3	Oct. 1930 --	522	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	June 1940 9.75	517	--	--	.23	--	
45-3	Lake Sapulpa-----	Euchee Creek-----	Sapulpa, Okla.	8.72	8.57	-- 1913 --	1,094	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Dec. 1935 22.5	911	--	--	--	.949	
	-do-	-do-	-do-	--	--	Dec. 1945 11	842	--	--	--	.732	
45-4b	Brown Lake-----	Peaceable Creek-----	McAlester, Okla.	20.9	19.9	May 1937 --	4,935	.64	--	--	--	SCS
	-do-	-do-	-do-	--	--	July 1952 9.2	4,660	.597	54.2	1.83	2,160	
	-do-	-do-	-do-	--	--	Apr. 1963 10.75	4,525	.58	--	.63	743	
45-5	Lake McAlester-----	Bull Creek-----	-do-	30.7	28.2	-- 1919 --	18,397	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Sept 1941 22	17,509	--	--	1.43	--	
45-6	Lake Okmulgee-----	Salt Creek-----	Okmulgee, Okla.	40.1	39.2	-- 1928 --	10,355	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Apr. 1950 22	9,896	--	--	--	.532	
45-7a	Shawnee Lake-----	Deer Creek-----	Shawnee, Okla.	21.2	18.9	7/Aug. 1937 --	7/22,600	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	--	24,468	--	--	--	--	
	-do-	-do-	-do-	--	--	8/Dec. 1947 12.3	9/23,816	--	94.72	2.8	5,776	
	-do-	-do-	-do-	--	--	--	23,429	--	--	--	--	
45-8	Taft Lake-----	Branch of Pecan Creek--	Taft, Okla.	2.3	2.2	Mar. 1957 9.2	9/22,327	--	94.72	2.7	5,339	
	-do-	-do-	-do-	--	--	-- 1937 --	580	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Sept 1947 10	574	--	--	.29	--	
45-9	Hwassee Lake-----	Trib. Deep Fk. Creek--	Arcadia, Okla.	4.58	4.29	-- 1936 --	2,341	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Apr. 1950 14	2,138	--	--	3.05	--	
45-10	Lake Carleton-----	Fourche Maline Creek--	Wilburton, Okla.	19.8	19.7	-- 1933 --	10/570	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	July 1947 14	511	--	--	.21	--	
45-11	Holdenville City Lake--	Beemore Creek-----	Holdenville, Okla.	8.95	8.3	June 1931 --	9,844	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Apr. 1950 18.8	9,030	--	--	5.22	--	
45-12	Pretty Water Lake-----	Pretty Water Creek-----	Sapulpa, Okla.	2.43	2.4	Mar. 1936 --	344	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Dec. 1946 10.75	322	--	--	.85	--	
45-13	Greenleaf Lake-----	Big Greenleaf Creek--	Muskogee, Okla.	81.25	79.84	Mar. 1937 --	13,008	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Nov. 1941 4.7	12,828	--	--	.47	--	
45-15	Kirk Lake-----	Unnamed-----	Iola, Kans.	2.41	2.36	-- 1897 --	111	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Sept 1939 42	69	--	48.1	.43	450	
45-16	Lowell-----	Sprg. R. & Shoal Creek--	Baxter Springs, Kans.	2,210	2,208.6	Mar. 1905 --	10,404	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Aug. 1939 34.4	7,580	--	*60	.04	52	
45-17	Neosho Co. State Lake (Lake McKinley).	Small Trib. Neosho R.--	Parsons, Kans.	3.38	3.24	July 1927 --	680	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Aug. 1939 12.1	651	--	*60	.74	967	
45-18	Lake Claremore-----	Dog Creek-----	Claremore, Okla.	56.44	55.7	May 1931 --	4,258	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Oct. 1939 8.4	3,909	--	51.17	.749	835	
45-19	Lake Spavinaw-----	Spavinaw Creek-----	Spavinaw, Okla.	400	397.2	Apr. 1924 --	31,686	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	July 1935 11	30,509	--	--	.269	--	
45-20	Kenamer Lake-----	Trib. of Pryors Creek--	Chelsea, Okla.	.28	.27	-- 1923 --	28	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	-- 1939 16	26.5	--	--	.35	--	
45-21	State Fish Hatchery Lake	Happy Creek-----	Claremore, Okla.	1.21	1.2	-- 1934 --	3	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	-- 1939 5	32.9	--	--	.18	--	
45-22	Lake Scarbow-----	Trib. of Pryor Creek--	Pryor, Okla.	3.07	3.04	-- 1931 --	123	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	-- 1939 8	111.9	--	--	.46	--	
45-23	Wewoka Lake-----	Coon Cr. or Spring Cr.	Wewoka, Okla.	16.27	15.72	July 1925 --	11/4,961	1,028	--	--	--	SCS
	-do-	-do-	-do-	--	--	Apr. 1945 19.6	4,489	.93	--	1.51	--	
	-do-	-do-	-do-	--	--	Feb. 1954 8	4,357	.903	--	12/1.05	--	
45-24	Wetumka City Lake-----	Salt Creek-----	Wetumka, Okla.	4.15	3.88	Feb. 1931 --	2,076	1,341	--	--	--	SCS
	-do-	-do-	-do-	--	--	Feb. 1954 23.2	1,898	1,226	--	1.98	--	
45-25	Adair-----	N. Caney River-----	Sedan, Kans.	.33	.33	Mar. 1953 --	20.9	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Sept 1960 7.5	20.2	--	55	.28	335	
45-26	Bevoy-----	Big Caney River-----	Cedar Vale, Kans.	.16	.16	Jan. 1938 --	22.8	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Sept 1960 22.7	21.2	--	60	.44	574	
45-27	Buffalo-----	Bee Creek-----	Havana, Kans.	.26	.26	-- 1934 --	51.7	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Sept 1960 26	48.5	--	50	.45	490	
45-28a	Foster-----	N. Caney River-----	Sedan, Kans.	2.25	2.25	Jan. 1951 --	48.5	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Aug. 1960 9.5	477.8	--	55	.29	347	
45-29	House-----	Caney River-----	Hewins, Kans.	.25	.25	Sept 1936 --	10.66	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Sept 1960 24	9.26	--	60	.23	300	
45-30	Herbert Niles Pond-----	Unnamed-----	Lebo, Kans.	.194	.192	Jan. 1939 --	10.59	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	July 1957 18.5	8.56	--	*60	13/6	13/810	
45-31	Kahola-----	Kahola Creek-----	Dunlap, Kans.	15.9	15.3	Dec. 1936 --	6,491	*1.591	--	--	--	ARS
	-do-	-do-	-do-	--	--	Apr. 1954 18.3	5,935	*1.455	51.6	1.99	2,236	

1/ Suspended-load inflow was 608 ac.-ft.; suspended-load outflow was 200 ac.-ft. during period. Deposits too small to measure by range survey.  
 2/ Sediment inflow volume was computed to be 2,350 ac.-ft., much of this probably settled out over a large area in deposits too thin to be measured accurately by echo sounders.

3/ Both sediment and flood pools.  
 4/ Sediment pool only.

5/ 22,241 sq. mi. is probably noncontributing.

6/ Based on inflow from net sediment contributing area.

7/ Original topographic survey.  
 8/ From "A" reconnaissance investigation, Shawnee Lake, by Victor H. Jones, Geologist, SCS.

9/ Present ac.-ft. as shown by the two surveys.  
 10/ Lake drained and dam raised 1937. Original capacity at 1938 crest.  
 11/ Dam raised 11 feet Mar. 1946; all values based on present elevation.  
 12/ Dam broke Apr. 1945; rebuilt Mar. 1946; this period not included.  
 13/ Includes .03 ac.-ft. above crest deposits.  
 14/ Estimated or assumed.

**SUMMARY OF  
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975**

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQ. MILES)		DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN		AGENCY SUPPLYING DATA
				TOTAL	NET						AC.-FT.	TONS	
ARKANSAS RIVER BASIN (TULSA TO VAN BUREN) Grand, Verdigris, and Lower Canadian River Basins (Continued)													
45-32	Mills-----	Big Caney River-----	Sedan, Kans.-----	.2	.2	-- 1920 --	--	23.9	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	Sept 1960 40	--	21.6	--	70	.28	427	SCS
45-33	Payer Pond-----	Unnamed-----	Burlington, Kans.--	.345	.345	Jan. 1938 --	--	54.97	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	July 1937 19.5	--	44.12	--	57	1.61	1,998	SCS
45-34	Staats-----	Middle Caney River-----	Cedarvale, Kans.--	.49	.49	Jan. 1943 --	--	81.46	--	--	--	--	SCS
	do-----	do-----	do-----	--	--	Sept 1960 17.7	--	77.94	--	60	.41	536	SCS
45-35	Hulah-----	Caney River-----	Hulah, Okla.-----	732	712	Feb. 1950 --	--	295,130	1.109	--	--	--	CE
	do-----	do-----	do-----	--	--	June 1958 8.4	--	292,565	1.099	44.2	.429	413	SCS
45-36a	Double Creek Site No. 5-----	do-----	Ramona, Okla.-----	2.39	2.36	Feb. 1955 --	--	747.36	.83	--	--	--	SCS
	do-----	do-----	do-----	--	--	Apr. 1964 9.2	--	734.29	.81	54.3	.6	710	SCS
	do-----	do-----	do-----	--	--	Sept 1969 5.5	--	730.53	.81	54.3	.29	343	SCS
45-37	Waldron Lake-----	Square Rock Creek-----	Waldron, Ark.-----	7.65	7.58	Mar. 1943 --	--	361.44	.059	--	--	--	SCS
	do-----	do-----	do-----	--	--	Oct. 1965 18.58	--	325.78	.053	--	--	--	SCS
45-38	Howard City Lake-----	Game Creek-----	Howard, Kans.-----	10.16	10.06	Sept 1936 --	--	771	.316	--	--	--	SCS
	do-----	do-----	do-----	--	--	Sept 1965 28.9	--	604.7	.248	*60	.57	745	SCS
45-39a	Heyburn Reservoir-----	Polecat Creek-----	Heyburn, Okla.-----	123	117	Mar. 1950 --	--	59,650	1.51	--	--	--	CE
	do-----	do-----	do-----	--	--	Dec. 1959 9.8	--	57,270	1.45	77.23	2.08	3,499	SCS
	do-----	do-----	do-----	--	--	Oct. 1971 11.8	--	55,026	1.4	91.51	1.62	3,776	SCS
45-40	Toronto Lake-----	Verdigris-----	Toronto, Kans.-----	750	714	Mar. 1960 --	--	135,300	.559	--	--	--	CE
	do-----	do-----	do-----	--	--	Mar. 1966 6.21	--	132,060	.55	50.4	--	731	SCS
45-41	Eufaula Lake-----	Canadian-----	Whitefield, Okla.--	47,522	13,693	Feb. 1964 --	--	3,848,000	.89	--	--	--	CE
	do-----	do-----	do-----	--	--	June 1969 5.33	--	3,798,400	.88	62.2	.68	921	SCS
45-42	Hatch-----	Trib. Neosho River-----	Burlington, Kans.--	.19	.18	Oct. 1939 --	--	4.74	.07	--	--	--	SCS
	do-----	do-----	do-----	--	--	Aug. 1967 28	--	3.54	.05	*60	.24	314	SCS
45-43	Mound Valley Experimental Sta.-----	Trib. of Pumpkin Creek-----	Mound Valley, Kans.--	.42	.42	June 1954 --	--	6.9	.032	--	--	--	SCS
	do-----	do-----	do-----	--	--	June 1968 14	--	4.77	.022	*60	.36	470	SCS
45-44	Cranor-----	Trib. Verdigris River-----	Edna, Kans.-----	.22	.22	Nov. 1953 --	--	5.01	.044	--	--	--	SCS
	do-----	do-----	do-----	--	--	June 1968 14.6	--	3.92	.034	*60	.32	418	SCS
45-45	Scott-----	Trib. Neosho-----	Parsons, Kans.-----	.23	.23	Dec. 1956 --	--	12	.1	--	--	--	SCS
	do-----	do-----	do-----	--	--	June 1968 11.8	--	11.1	.093	*60	.35	457	SCS
45-46	Fletcher-----	Big Creek-----	Gridley, Kans.-----	.2	.19	-- 1934 --	--	24.41	.33	--	--	--	SCS
	do-----	do-----	do-----	--	--	Aug. 1967 33	--	20.1	.27	*60	.68	888	SCS
45-47	Isch Pond-----	do-----	do-----	.38	.37	-- 1927 --	--	15.37	.11	--	--	--	SCS
	do-----	do-----	do-----	--	--	Aug. 1967 40	--	8.72	.062	*60	.46	601	SCS
45-48	Hess Pond-----	Trib. Duck Creek-----	Elk City, Kans.-----	1.75	1.73	Aug. 1933 --	--	55.04	.08	--	--	--	SCS
	do-----	do-----	do-----	--	--	July 1967 34	--	29.69	.045	*60	.4	522	SCS
45-49	Olenhouse-----	do-----	La Fontaine, Kans.--	.13	.13	July 1937 --	--	3.8	.08	--	--	--	SCS
	do-----	do-----	do-----	--	--	July 1967 30	--	3	.062	*60	.23	300	SCS
45-50	Sierman-----	do-----	do-----	.23	.23	June 1937 --	--	5.3	.062	--	--	--	SCS
	do-----	do-----	do-----	--	--	July 1967 30	--	4.5	.052	*60	.13	170	SCS
45-51	Hubert-----	do-----	Longton, Kans.-----	.41	.4	Oct. 1948 --	--	16.38	.11	--	--	--	SCS
	do-----	do-----	do-----	--	--	Aug. 1967 19	--	15	.098	*60	.18	235	SCS
45-52	Meritt Pond-----	Big Creek-----	Burlington, Kans.--	.25	.25	Aug. 1939 --	--	8.09	.09	--	--	--	SCS
	do-----	do-----	do-----	--	--	Aug. 1967 28	--	4.17	.045	*60	.56	731	SCS
45-53a	Big Wewoka Site No. 36-----	Big Wewoka-----	Holdenville, Okla.--	2.26	2.13	June 1960 --	--	690.3	.95	--	--	--	SCS
	do-----	do-----	do-----	--	--	Aug. 1969 9.1	--	679	.94	62	.58	788	SCS
	do-----	do-----	do-----	--	--	July 1974 4.92	--	673	.93	73	.57	1,268	SCS
45-54	Cane Creek Site No. 11-----	Cane Creek-----	Okmulgee, Okla.-----	8.96	8.89	Nov. 1965 --	--	2,983.6	.96	--	--	--	SCS
	do-----	do-----	do-----	--	--	Sept 1969 3.85	--	2,954.7	.95	55	.85	1,018	SCS
45-55a	Big Wewoka Site No. 17-----	Big Wewoka-----	Wewoka, Okla.-----	2.16	2.05	Mar. 1963 --	--	691.3	1.36	--	--	--	SCS
	do-----	do-----	do-----	--	--	Sept 1968 5.53	--	680.7	1.34	60	.94	1,222	SCS
	do-----	do-----	do-----	--	--	July 1973 4.86	--	667.5	1.32	59	1.33	2,025	SCS
45-56	John Redmond Dam & Res.-----	Grand (Neosho) River-----	Burlington, Kans.--	3,015	1/2,519	Sept 1963 --	--	644,800	.63	--	--	--	CE
	do-----	do-----	do-----	--	--	Mar. 1974 10.5	--	630,290	.615	61.97	.549	741	SCS
45-57	Keystone Lake-----	Arkansas River-----	Sand Springs, Okla.--	22,351	17,136	Sept 1964 --	--	1,879,000	.392	--	--	--	CE
	do-----	do-----	do-----	--	--	Sept 1969 5	--	1,836,490	.384	59.46	.47	609	SCS
45-58	Little Deep Fk. Site #10-----	Deep Fork-----	Drumright, Okla.-----	7.55	7.28	Nov. 1968 --	--	1,522.5	.63	--	--	--	SCS
	do-----	do-----	do-----	--	--	Sept 1974 5.86	--	1,493.9	.62	--	.67	1,059	SCS

ARKANSAS RIVER BASIN (GARDEN CITY TO TULSA)  
Middle Canadian, Lower Cimarron, and Salt Fork River Basins

46-1b	Fort Supply Lake	Wolf Creek	Fort Supply, Okla.	1,735	1,485	Jan. 1943	--	107,340	1.27	--	--	--	CE
	do	do	do	--	--	June 1949	6.42	106,150	1.26	57.8	.125	157	
	do	do	do	--	--	June 1958	9	101,750	1.21	67	.329	498	
	do	do	do	--	--	Dec. 1969	11.5	100,720	1.66	65.3	.061	74	
46-2b	Great Salt Plains Lake	Salt Fk. Arkansas River	Jet, Okla.	3,200	3,156	June 1941	--	308,000	1.03	--	--	--	CE
	do	do	do	--	--	Dec. 1949	8.5	292,000	.98	48.6	.586	620	
	do	do	do	--	--	Apr. 1951	11.4	280,200	.94	58.9	.336	529	
	do	do	do	--	--	Mar. 1971	9.8	271,998	.91	63.8	.286	494	
46-3	Boomer Lake	Boomer Creek	Stillwater, Okla.	9.13	8.67	Mar. 1925	--	2,812	--	--	--	--	SCS
	do	do	do	--	--	June 1935	10.25	2,641	--	*60	1.93	2,522	
46-4	Bennington's Lake	Chikaskia River	Rago, Kans.	1.42	1.4	Aug. 1929	--	75	--	--	--	--	SCS
	do	do	do	--	--	Oct. 1940	11.2	33	--	69.47	2.68	4,055	
46-5	Meade County State Lake (Lake Larrabee)	Stump Arroya	Meade, Kans.	18	17.84	June 1926	--	891	--	--	--	--	SCS
	do	do	do	--	--	Apr. 1937	8.8	819	--	*60	.459	600	
46-6	Lake Medicine	Medicine Lodge Creek	Medicine Lodge, Kans.	1.89	1.84	Aug. 1929	--	365	--	--	--	--	SCS
	do	do	do	--	--	Oct. 1940	11.2	295	--	98.52	3.4	7,296	SCS
46-7	Santa Fe	Indianola Creek	Augusta, Kans.	37.93	37.55	Oct. 1928	--	1,741	--	--	--	--	SCS
	do	do	do	--	--	May 1937	8.6	1,595	--	58.1	.45	569	
46-8	Guthrie	Trib. Cottonwood Creek	Guthrie, Okla.	13.3	12.95	Oct. 1920	--	2,508	--	--	--	--	SCS
	do	do	do	--	--	Nov. 1935	14.5	2,608	--	*60	2.42	3,162	
46-9	Gelmy's Stock Pond	Bois d'Arc Creek	Blackwell, Okla.	.31	.31	Oct. 1939	--	3.74	--	--	--	--	SCS
	do	do	do	--	--	Sept 1940	1	3.43	--	*65	1	1,416	
46-10	Harris Stock Pond	do	do	.22	.21	Apr. 1938	--	12.63	--	--	--	--	SCS
	do	do	do	--	--	Sept 1940	2.5	12.37	--	*65	.495	701	
46-11	Lake Eldorado	Satchel Creek	Eldorado, Kans.	35.1	34.3	Apr. 1928	--	3,213	--	--	--	--	SCS
	do	do	do	--	--	Apr. 1937	9	3,082	--	--	--	--	SCS
46-12a	Lake Fryer	Wolf Creek	Perryton, Tex.	108	108	Apr. 1939	--	844	3.72	--	--	426	612
	do	do	do	--	--	May 1947	7.4	717	3.16	--	.16	--	--
46-13b	Canton Lake	North Canadian River	Canton, Okla.	12,483	2/6,081	July 1947	--	401,500	2.15	--	--	--	CE
	do	do	do	--	--	May 1953	5.83	390,800	2.1	70.9	.302	4,664	
	do	do	do	--	--	Oct. 1959	6.42	385,900	2.07	56.2	.125	65	
	do	do	do	--	--	Sept 1966	6.92	383,300	2.06	55.1	.063	76	
46-14	Guthrie Mun. Res. No. 2	Cottonwood Creek	Guthrie, Okla.	11.63	11.29	May 1949	--	3,192.68	1.391	--	--	--	SCS
	do	do	do	--	--	Sept 1960	11.4	2,945.06	1.283	95.66	1.92	4,000	
46-15a	Lake Carl Blackwell	Stillwater Creek	Stillwater, Okla.	75.35	70.53	May 1938	--	58,326	--	--	--	--	SCS
	do	do	do	--	--	Sept. 1958	20.5	54,556	--	*60	2.61	3,411	
46-16	Lies Pond	Unnamed	Andale, Kans.	3.36	3.36	June 1942	--	20.44	--	--	--	--	SCS
	do	do	do	--	--	Sept 1956	14	9.62	--	94.89	2/28	579	
46-17	Longton	do	Cimarron, Kans.	.55	.54	July 1935	--	4/51.1	--	--	--	--	SCS
	do	do	do	--	--	Aug. 1955	20	50.28	--	85.7	.07	134	
46-18	Hughes No. 1	do	Ingalls, Kans.	.64	.63	1948	--	4/8.5	--	--	--	--	SCS
46-19	Perry City Lake	Cow Creek	Perry, Okla.	16.67	16.64	Aug. 1955	13	5.44	--	72.07	.32	502	
	do	do	do	--	--	June 1937	--	4,371	1.311	--	--	--	SCS
46-20	Pottzinger Pond	Unnamed	Andale, Kans.	.9	.9	Aug. 1949	--	3,986	1.196	83.5	1.33	2,419	
	do	do	do	--	--	Sept 1956	7	14.87	--	--	--	--	SCS
46-21	O. F. Scott Ponds	Trib. So. Canadian R.	Union City, Okla.	1.8	1.79	May 1941	--	8.97	--	103.4	5/1	5/2,252	
	do	do	do	--	--	May 1941	--	26.3	.085	--	--	--	SCS
46-22	Tom Hill Pond	Trib. of Bridge Creek	Tuttle, Okla.	.53	.526	May 1937	--	20.7	65.4	--	.22	313	
	do	do	do	--	--	July 1943	--	13.39	.147	--	--	--	SCS
46-23	Nichlaus	Trib. Slough Creek	Haven, Kans.	2.29	2.27	May 1955	11.8	6.43	.071	--	1.12	--	SCS
	do	do	do	--	--	May 1932	--	46.14	.15	--	--	--	SCS
	do	do	do	--	--	May 1967	35	6/13.6	.04	70	.22	335	
46-24	Thever	Trib. Slate Creek	Wellington, Kans.	.14	.14	1958	--	4.09	.16	--	--	--	SCS
	do	do	do	--	--	Aug. 1967	9	3.38	.13	*60	.57	745	
46-25	Koulouris	Trib. Sand Creek	Newton, Kans.	.24	.24	Aug. 1948	--	20.64	2.19	--	--	--	SCS
	do	do	do	--	--	Sept 1948	19.92	6.95	1.58	*60	.58	758	
46-26	Adams	Trib. Bluff Creek	Anthony, Kans.	.24	.23	Sept 1934	--	13.5	.56	--	--	--	SCS
	do	do	do	--	--	Aug. 1968	33.92	5.76	.24	*60	1	1,307	
46-27	Smith - Case	Trib. Little Ark. River	Little River, Kans.	.56	.56	Dec. 1958	--	66.89	1.86	--	--	--	SCS
	do	do	do	--	--	Aug. 1968	9.75	62.29	1.73	*60	.84	1,098	
46-28	Workman	Trib. Medicine Lodge R.	Medicine Lodge, Kans.	.59	.59	June 1936	--	10	.18	--	--	--	SCS
	do	do	do	--	--	Aug. 1968	32.17	1.79	.03	*60	.44	575	
46-29	Gant	do	do	.3	.3	Mar. 1955	--	25.26	.87	--	--	--	SCS
	do	do	do	--	--	Aug. 1968	13.42	20.29	.7	*60	1.23	1,607	
46-30	Schubach	do	Kiowa, Kans.	.34	.34	June 1956	--	26.73	.81	--	--	--	SCS
	do	do	do	--	--	Aug. 1968	12.17	21.91	.66	*60	1.18	1,542	
46-31	Barrett	Wild Creek	Anthony, Kans.	.67	.67	Spring 1957	--	39.92	.59	--	--	--	SCS
	do	do	do	--	--	July 1968	11.25	32.24	.47	*60	1.01	1,320	
46-32	Miller	Beaver Creek	Walton, Kans.	1.2	1.2	Aug. 1959	--	6.08	.028	--	--	--	SCS
	do	do	do	--	--	July 1968	9	2.87	.015	*60	.3	392	

1/ Excludes area above Council Grove and Marion Lakes.

2/ Excludes 4,642 sq. mi. of watershed not contributed to runoff, 1,735 sq. mi. above Fort Supply Dam, and 25 sq. mi. surface area of Canton Reservoir.

3/ Includes 2.33 ac.-ft. above crest deposits.

4/ Water supply pool capacity. Reservoir has greater capacity at spillway crest elevation.

5/ Includes .39 ac.-ft. above crest deposits.

6/ Spillway eroded 2 ft.

7/ Estimated or assumed.

RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES)		DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN		AGENCY SUPPLYING DATA
				TOTAL	NET						AC.-FT.	TONS	
ARKANSAS RIVER BASIN (GARDEN CITY TO TULSA)													
Middle Canadian, Lower Cimarron, and Salt Fork River Basins (Continued)													
46-33	Roupp-----	Trib. Sand Creek-----	Hesston, Kans.----	.49	.49	June 1950	--	5.47	.066	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Sept 1968	18.12	3.33	.037	*60	-.24	314	SCS
46-34	Mease-----	Trib. Medicine Lodge R.-----	Medicine Lodge, Kans.-----	1.73	1.71	Feb. 1961	--	108.3	.65	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1968	7.5	105.19	.63	*60	-.24	314	SCS
46-35	Berger Pond-----	Trib. Pawnee River-----	Jetmore, Kans.-----	3	3	Mar. 1952	--	18.55	.29	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1967	15.5	12.95	.2	*60	-.12	156	SCS
46-36	Paris-----	Trib. Wat Walnut Creek-----	Dighton, Kans.-----	3.6	2.2	Aug. 1940	--	41.69	.87	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1967	27	38.66	.76	*60	-.09	117	SCS
46-37	Siebert-----	Trib. Big Sandy-----	Meade, Kans.-----	.23	.23	Jan. 1952	--	8	1.6	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	June 1966	14.5	7.15	1.5	80	-.26	453	SCS
46-38	Hoop-----	Trib. Crooked Creek-----	-----do-----	1.07	.9	May 1961	--	4	.19	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	June 1966	5.2	3.76	.19	80	-.06	104	SCS
46-39	Harris-----	-----do-----	-----do-----	7.57	4.75	Oct. 1962	--	161.4	1.1	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	June 1966	3.7	160.8	1.1	*70	-.04	61	SCS
46-40	Whitford-----	Trib. Hackberry Creek-----	Ashland, Kans.-----	1.98	1.97	May 1947	--	14.2	.22	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	July 1966	19.2	8.2	.14	75	-.15	245	SCS
46-41	Davis-----	Pawnee-----	Kalvesta, Kans.-----	2.4	2.37	Jan. 1951	--	104.82	3.28	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Sept 1967	16.75	97.94	3.06	*60	-.17	222	SCS
46-42	Lippoldt-----	Trib. Pawnee River-----	Jetmore, Kans.-----	1.83	1.82	Dec. 1952	--	1/30.5	.78	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1967	14.75	27.74	.71	*60	-.1	131	SCS
46-43	Sabes Pond-----	-----do-----	-----do-----	1.2	1.2	July 1956	--	5.6	.22	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1967	11.13	4.34	.17	*60	-.09	117	SCS
46-44	Fry-----	Trib. Arkansas River-----	Little River, Kans.-----	1.07	1.07	Aug. 1949	--	4.13	.06	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1968	19	1.37	.22	*60	-.14	183	SCS
46-45	Barber-----	-----do-----	Raymond, Kans.-----	.57	.57	June 1962	--	21.5	.6	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	June 1968	6.2	17.97	5.2	*70	1	1,525	SCS
46-46	Coberly-----	Trib. Buffalo Creek-----	Dighton, Kans.-----	2.1	2.1	Aug. 1946	--	18	.65	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1967	21	12.93	.48	*60	-.11	143	SCS
46-47	Smith Pond-----	Trib. Pawnee River-----	Jetmore, Kans.-----	.3	.3	Dec. 1951	--	5.93	.93	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1968	15.75	3.56	.59	*60	-.5	653	SCS
46-48	Seltman-----	Trib. Walnut Creek-----	Rush Center, Kans.-----	1.63	1.61	Oct. 1958	--	26.07	.43	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1967	8.8	22.23	.37	*60	-.27	352	SCS
46-49	Rayl-----	Trib. Slate Creek-----	Wellington, Kans.-----	.56	.56	-- 1949	--	5.44	.05	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1967	18	2.96	.03	*60	-.25	326	SCS
46-50	Lange-----	-----do-----	Conway Spr., Kans.-----	.31	.31	-- 1956	--	8.11	.14	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1967	11	5.37	.09	*60	-.81	1,058	SCS
46-51	Brodie-----	Spring Creek-----	Ashland, Kans.-----	2.17	2	June 1951	--	31.2	.36	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	July 1966	15.1	29	1.33	*70	-.07	107	SCS
46-52	Glen-----	Trib. Little Sandy Cr.-----	-----do-----	.95	.93	Nov. 1958	--	57.1	1.88	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	July 1965	7.75	54.5	1.79	*60	-.35	457	SCS
46-53	Issac-----	Trib. Big. Sandy-----	Meade, Kans.-----	.82	.52	Jan. 1952	--	6.65	.38	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	June 1966	14.5	4.8	.27	75	-.25	408	SCS
46-54	Fox-----	Trib. Bluff Creek-----	Ashland, Kans.-----	2.18	2.17	July 1954	--	10	.11	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	July 1966	12	7.3	.08	*65	-.11	156	SCS
46-55	Uncle John Site No. 7-----	Uncle John-----	El Reno, Okla.-----	9.58	9.05	May 1968	--	3,649.5	2.38	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Sept 1973	5.36	3,623.4	2.36	--	-.54	735	SCS
46-56	Upper Black Bear #64-----	Upper Black Bear-----	Perry, Okla.-----	2.26	2.16	May 1968	--	696.2	1.65	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	July 1972	4.12	678.97	1.61	--	1.94	2,734	SCS
ARKANSAS RIVER BASIN (LAMAR TO GARDEN CITY)													
Upper Cimarron and Upper Canadian River Basins													
47-1b	Conchas Reservoir-----	Canadian and Conchas-----	Conchas Dam, N. M.-----	7,409	6,976	Jan. 1939	--	601,112	3.13	--	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	May 1940	1.4	599,712	3.12	75.7	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	June 1942	2.1	585,112	3.04	75.7	-.996	1,643	CE
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1942	4	581,112	3.02	75.7	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1944	1.9	576,756	3	75.7	-.328	541	CE
	-----do-----	-----do-----	-----do-----	--	--	Feb. 1949	4.3	566,163	2.95	*75.7	-.353	581	CE
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1963	14.7	550,799	2.87	*75.7	-.15	247	CE
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1970	6.92	528,951	2.75	*75.7	-.453	746	CE
47-2	Reservoir No. 2-----	(Offstream)-----	Maxwell, N. Mex.-----	--	--	-- 1912	--	3,010	--	--	--	--	BR
	-----do-----	-----do-----	-----do-----	--	--	-- 1946	34	1,836	--	--	--	--	BR
47-3	Reservoir No. 7 & 8-----	-----do-----	-----do-----	--	--	-- 1912	--	2/1,064	--	--	--	--	BR
	-----do-----	-----do-----	-----do-----	--	--	-- 1946	34	2,063	--	--	--	--	BR
47-4	Reservoir No. 11-----	-----do-----	-----do-----	--	--	-- 1912	--	3/1,004	--	--	--	--	BR
	-----do-----	-----do-----	-----do-----	--	--	-- 1946	34	637	--	--	--	--	BR
47-5	Reservoir No. 12-----	-----do-----	-----do-----	--	--	-- 1912	--	4/2,260	--	--	--	--	BR
	-----do-----	-----do-----	-----do-----	--	--	-- 1946	34	1,822	--	--	--	--	BR



RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES)		DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN		AGENCY SUPPLYING DATA
				TOTAL	NET						AC.-FT.	TONS	
RED RIVER BASIN (DENISON TO GRAND ECORE)													
Little and Sulphur River Basins (Continued)													
49-4	Jenkins Pond-----	Trib. of Lewis Creek---	Mansfield, La.----	.35	.32	Sept 1925	--	157	.561	--	--	--	SCS
49-5	Gordon Country Club Lake	Ands Creek-----	Paris, Tex.-----	1.41	1.3	Sept 1954	29	130	.586	68.6	.78	1,165	SCS
49-6a	Bayou Bodcau-----	Bayou Bodcau River---	Cotton Valley, La.	683	613	June 1959	61	430	.572	33.14	1.62	1,159	CE
49-7a	Lake Texarkana-----	Sulphur River-----	Texarkana, Tex.---	3,400	3,213	Sept 1954	--	2,654,300	.13	--	--	--	CE
49-8a	Wallace Lake-----	Cypress Bayou-----	Shreveport, La.---	260	246	July 1970	12	2,654,300	.13	--	--	--	CE
49-9	Century Lake-----	Sulphur River-----	Sulphur Spr., Tex.	52.5	51.46	Apr. 1972	.92	96,100	.557	1/--	1/--	--	SCE
49-10	Lake O' the Pines-----	Cypress Creek-----	Jefferson, Tex.---	880	790	Dec. 1959	--	842,100	1.74	*85	1.53	2,832	CE
49-11	Logan Slough Wshd. Site 2	Trib. Slough Creek---	Direct, Tex.-----	.65	.58	Oct. 1966	--	342.43	.99	--	--	--	SCS
49-12	Wister Lake-----	Poteau River-----	Wister, Okla.-----	993	957	Sept 1973	6.9	336.43	.97	--	1.55	2,663	CE
RED RIVER BASIN (ABOVE DENISON)													
50-1	Ardmore Club Lake-----	Caddo Creek-----	Ardmore, Okla.----	4.15	3.91	Dec. 1922	--	1,797	--	--	--	--	SCS
50-2	Byars Club Lake-----	Unnamed Stream-----	Byars, Okla.-----	2.66	2.55	June 1938	15.5	1,644	--	40.7	2.52	2,234	SCS
50-3	Carter Lake-----	Big Glasses Creek---	Madill, Okla.-----	1.81	1.7	June 1950	45	371	--	--	1.16	--	SCS
50-4	J. J. Harrison Lake-----	Trib. of Washita River---	Lindsay, Okla.---	.88	.81	Nov. 1949	13	837	--	--	1.26	--	SCS
50-5	C. W. Lester Farm Pd. #1	Trib. Broken Leg Creek---	Cheyenne, Okla.---	2.04	2.03	Feb. 1932	--	349	--	--	4.59	--	SCS
50-6	C. W. Lester Farm Pd. #2	-----	-----	.64	.63	Mar. 1950	18	282	--	--	2.41	--	SCS
50-7	Santa Rosa Lake-----	Beaver Creek-----	Vernon, Tex.-----	336	334	June 1949	4	22.8	--	--	1.02	--	SCS
50-8	Lake Duncan-----	Fitzpatrick Creek---	Duncan, Okla.-----	11	10.4	June 1944	--	16.3	--	--	2.41	--	SCS
50-9	Lake Clinton-----	Turkey Creek-----	Canute, Okla.-----	23.6	23.1	June 1949	5	1.1	--	--	1.02	--	SCS
50-10	Bellevue-----	Clay Creek-----	Bellevue, Tex.---	*1.5	1.44	Oct. 1929	--	15,755	--	--	4.59	--	SCS
50-11c	Altus Reservoir-----	North Fork Red River---	Altus, Okla.-----	2,515	2,104	Jan. 1948	18.2	11,568	--	--	1.69	--	BR
50-12b	Lake Texoma (Denison D.)	Red River-----	Denison, Tex.-----	39,719	28,925	Oct. 1937	--	6,291	--	--	3.82	5,275	SCS
50-13	Barbour Pond-----	Trib. Little Washita R.	Chickasha, Okla.---	.68	.67	Aug. 1950	12.8	5,783	--	63.4	3.82	5,275	SCS
50-14b	Cavalry Creek Site No. 1	Washita-----	Cordell, Okla.---	2.19	2.11	Dec. 1930	--	4,415	--	--	2.54	3,505	SCS
50-15a	Chigley Sandy Site No. 5	Chigley Sandy-----	Wynnewood, Okla.---	.81	.79	June 1938	7.4	3,981	--	63.36	2.54	3,505	SCS

50-16	Coit Pond No. 1	Unnamed	Clinton, Okla.	.39	.38	Mar. 1947	--	25.69	.706	--	--	--	SCS
	do	do	do	--	--	July 1957	10.28	21.53	.591	61.49	1.07	1,433	
50-17	Dean Pond No. 1	Trib. Nine Mile Creek	Cheyenne, Okla.	.0359	.0354	Spr. 1944	--	1.078	.469	--	--	--	SCS
	do	do	do	--	--	Mar. 1955	11	.807	.351	91	.69	1,368	
50-18	Dean Pond No. 2	do	do	.164	.161	Spr. 1941	--	15.8	1.505	--	--	--	SCS
	do	do	do	--	--	Mar. 1955	14	13.4	1.276	88	1.06	2,032	
50-19	George Pond	Unnamed	Canadian, Tex.	.535	.535	Jun. 1952	--	14,297	.382	--	--	--	SCS
	do	do	do	--	--	Apr. 1958	5.796	13,463	.361	70.95	.559	864	
50-20	Hall Pond No. 1	do	Leedey, Okla.	.2	.2	May 1939	--	17.59	.239	--	--	--	SCS
	do	do	do	--	--	Aug. 1957	18.25	13.47	.183	*70.2	1.15	1,758	
50-21	Harrison No. 1	do	Canadian, Tex.	.237	.237	May 1952	--	22,163	.594	--	--	--	SCS
	do	do	do	--	--	Apr. 1938	5.93	21,706	.581	79.68	.325	564	
50-22	Harrison No. 2	do	do	.292	.292	Sept 1951	--	15,555	.419	--	--	--	SCS
	do	do	do	--	--	Nov. 1958	6.59	14,242	.382	68.53	.733	1,094	
50-23	Lake Kemp	Wichita River	Seymour, Tex.	2,099	2,067	Oct. 1922	--	560,000	2,493	--	--	--	SCS
	do	do	do	--	--	Sept 1958	36	461,757	2,056	--	1.32	--	
50-24b	Mill Creek Site #17	Mill Creek	Sulphur, Okla.	1.61	1.51	Dec. 1948	--	498.4	1.06	--	--	--	SCS
	do	do	do	--	--	July 1959	10.63	492.1	1.04	70	.4	610	
	do	do	do	--	--	Aug. 1966	7.06	487.1	1.03	--	.5	487	
	do	do	do	--	--	May 1972	5.78	470.4	1	--	1.9	3,351	
50-25	Muncieef Farm Pond	Trib. of Sandy Creek	Wynnewood, Okla.	.031	.029	Aug. 1935	--	6.71	--	--	--	--	SCS
	do	do	do	--	--	Nov. 1957	22.22	7.958	.707	*60	1.15	1,503	
50-26a	Cobb Creek No.3	Washita	Weatherford, Okla.	8.28	8.18	Jan. 1957	--	2,401.1	2.72	--	--	--	SCS
	do	do	do	--	--	Aug. 1960	3.58	2,303.3	2.61	90	3.34	6,547	
	do	do	do	--	--	Oct. 1964	4.14	2,277.3	2.58	90	.77	1,509	
	do	do	do	--	--	Aug. 1970	5.81	2,218.1	2.51	*91	1.24	2,563	
50-27b	Sandstone Site No. 1	do	Hammon, Okla.	5.33	5.22	May 1951	--	1,591.29	4.67	--	--	--	SCS
	do	do	do	--	--	Apr. 1956	4.96	1,453.69	4.26	61.49	5.31	7,111	
	do	do	do	--	--	May 1960	4.05	1,360.47	4.05	83.11	3.46	6,263	
	do	do	do	--	--	Aug. 1965	5.02	1,344.75	3.94	83.11	1.36	2,462	
	do	do	do	--	--	July 1970	4.92	1,336.82	3.93	*83	.23	360	
50-28c	Sandstone Site No. 3	Trib. of Sandstone	Elk City, Okla.	.62	.6	Apr. 1951	--	157.7	4.34	--	--	--	SCS
	do	do	do	--	--	Oct. 1956	5.47	148.4	4.08	70	2.83	4,314	
	do	do	do	--	--	Oct. 1961	5	.4	3.85	73	2	4,841	
	do	do	do	--	--	July 1966	4.8	125.6	3.5	--	5	7,919	
	do	do	do	--	--	Aug. 1971	5.13	1,23.2	3.39	--	.78	1,710	
50-29a	Sandstone Site No. 5	Washita	do	3.89	3.84	Oct. 1951	--	1,273.21	4.45	--	--	--	SCS
	do	do	do	--	--	July 1957	6.39	1,217.58	4.26	95.7	2.27	4,731	
	do	do	do	--	--	Sept 1961	4.19	1,152.23	4.03	--	4.06	5,501	
	do	do	do	--	--	July 1966	4.81	1,127.06	3.94	*80	1.36	1,980	
50-30c	Sandstone Site No. 6	Sandstone	do	6.46	5.08	Apr. 1951	--	1,956.1	4.11	--	--	--	SCS
	do	do	do	--	--	Oct. 1962	11.53	1,813.2	3.81	71	2.4	3,773	
	do	do	do	--	--	Sept 1967	4.96	1,606.2	3.8	--	.3	703	
	do	do	do	--	--	June 1972	4.75	1,773.2	3.77	--	.6	998	
50-31a	Sandstone Site No. 9	do	do	3.5	3.46	Mar. 1951	--	1,275.09	.94	--	--	--	SCS
	do	do	do	--	--	Oct. 1957	6.58	1,217.59	4.72	75.78	2.52	4,160	
	do	do	do	--	--	Oct. 1962	5	1,178.72	4.57	79.4	2.2	4,148	
	do	do	do	--	--	Sept 1967	4.93	1,175.25	4.56	*80	.2	436	
50-32c	Sandstone Site No. 10A	Washita	do	2.87	2.75	Apr. 1951	--	1,046	6.21	--	--	--	SCS
	do	do	do	--	--	Oct. 1956	5.5	1,018.8	6.05	79	1.8	3,097	
	do	do	do	--	--	Sept 1961	4.9	943.9	5.06	83	5.55	10,224	
	do	do	do	--	--	July 1966	4.8	888	5.27	--	4.23	5,744	
	do	do	do	--	--	June 1972	5.9	877.1	5.21	--	.67	1,795	
50-33b	Sandstone Site No. 14	do	do	1.02	1	Sept 1951	--	315.15	4.85	--	--	--	SCS
	do	do	do	--	--	May 1960	8.68	288.09	4.43	93.08	3.12	5,320	
	do	do	do	--	--	Aug. 1965	5.25	286.79	4.4	68.1	.25	371	
	do	do	do	--	--	July 1970	4.98	275.82	4.24	*75	2.2	3,611	
50-34c	Sandstone Site No. 16	Trib. Sandstone	do	11.47	11.28	Aug. 1952	--	4,463.4	7.29	--	--	--	SCS
	do	do	do	--	--	Sept 1957	4.92	4,294.7	7.02	78	3.1	5,237	
	do	do	do	--	--	Sept 1961	4.21	4,164.9	6.61	75	3.78	4,305	
	do	do	do	--	--	Aug. 1966	4.86	4,038.3	6.6	--	2.35	2,464	
	do	do	do	--	--	July 1971	4.93	4,011.3	6.56	--	.49	926	
50-35c	Sandstone Site No. 16A	do	Cheyenne, Okla.	8.78	5.03	Dec. 1951	--	2,065.9	4.41	--	--	--	SCS
	do	do	do	--	--	Oct. 1956	4.82	2,033.9	4.35	81	1.32	2,311	
	do	do	do	--	--	Sept 1961	4.88	1,987.9	4.25	80	1.87	3,260	
	do	do	do	--	--	Aug. 1966	4.86	1,979.5	4.23	--	.34	580	
	do	do	do	--	--	Aug. 1971	5.06	1,958.9	5.14	--	1.56	3,873	
50-36b	Sandstone Site No. 17	Currant Creek	do	10.13	10.04	Aug. 1951	--	3,584.9	5.53	--	--	--	SCS
	do	do	do	--	--	Oct. 1956	5.13	3,465.8	5.35	70.4	2.31	3,540	
	do	do	do	--	--	Oct. 1960	4.04	3,322.4	5.13	59	3.53	5,418	
	do	do	do	--	--	Aug. 1965	4.79	3,292.7	5.08	59	.62	797	
	do	do	do	--	--	June 1970	4.91	3,276	5.06	*60	.34	526	
50-37a	Sandstone Site No. 22	Sandstone	do	2.25	2.2	Aug. 1951	--	970.7	6.14	--	--	--	SCS
	do	do	do	--	--	Oct. 1957	5.16	942.12	5.97	81.53	2.08	3,694	
	do	do	do	--	--	Oct. 1962	5	913.61	5.78	79.4	2.64	4,445	
	do	do	do	--	--	Sept 1967	4.96	873.9	5.63	*83	3.63	7,036	
50-38	Stickley Pond No. 4	Canadian River	Canadian, Tex.	.171	.171	Jan. 1947	--	15,794	.329	--	--	--	SCS
	do	do	do	--	--	Apr. 1958	11.266	13,943	.29	77.65	.959	1,622	
50-39	Stickley Pond No. 6	do	do	.162	.162	Oct. 1945	--	21,035	.438	--	--	--	SCS
	do	do	do	--	--	Apr. 1958	12.564	16,627	.346	85.34	2.167	4,028	
50-40	Wheeler Farm Pond	do	do	.205	.205	Dec. 1944	--	7,353	.197	--	--	--	SCS
	do	do	do	--	--	Apr. 1958	13.33	6,673	.179	82.73	.249	449	

1/ No appreciable sedimentation.  
2/ Date of original survey for new dam over deposits placed behind old dam.

\* Estimated or assumed.



**SUMMARY OF  
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975**

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES)		DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN		AGENCY SUPPLYING DATA
				TOTAL	NET						AC-FT.	TONS	
RED RIVER BASIN (ABOVE DENISON) (Continued)													
50-41c	Whiteshield Cr. Site #4-	Washita-----	Elk City, Okla.---	.62	.58	Jan. 1949	--	223.4	4.33	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Sept 1959	10.7	207.7	4.02	75.68	2.52	4,151	
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1964	4.91	199.6	3.87	75.68	2.83	3,657	
	-----do-----	-----do-----	-----do-----	--	--	June 1974	4.85	179.9	3.49	--	6.97	11,864	
	-----do-----	-----do-----	-----do-----	--	--	June 1974	5.01	162.3	3.15	--	6.03	10,499	
50-42c	Wildhorse No. 1-----	Wildhorse-----	Davis, Okla.-----	.97	.92	May 1949	--	242.4	1.14	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	July 1959	10.25	226.2	1.11	61	.66	877	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1962	4.25	223.8	1.1	61	.62	829	
	-----do-----	-----do-----	-----do-----	--	--	July 1968	4.82	229.3	1.09	--	1.02	1,026	
	-----do-----	-----do-----	-----do-----	--	--	July 1973	4.93	226.7	1.07	--	.58	904	
50-43b	Wildhorse Creek No. 33--	Trib. of Wildhorse--	Duncan, Okla.-----	1.77	1.57	Mar. 1950	--	356.6	1.78	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Sept 1963	10.5	365.6	1.71	85	1.19	2,203	
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1965	4.95	348.7	1.66	74	2.04	2,690	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1971	5.06	320.5	1.58	--	3.33	5,881	
50-44c	Cwl Creek No. 1-----	Cwl Creek-----	Wayne, Okla.-----	.61	.56	Apr. 1949	--	206.2	1.49	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1959	10.32	200	1.44	65.3	1.1	1,569	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1963	4.12	194	1.4	--	2.6	4,149	
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1968	4.84	190.3	1.37	--	1.4	1,662	
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1973	5.21	161.5	1.31	--	3.12	6,160	
50-45b	Chagley Sandy Site No. 4	Washita-----	Wynnwood, Okla.---	3.8	2.61	Aug. 1955	--	1,075.3	1.24	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Mar. 1968	2.62	1,054.8	1.21	51.61	2.17	2,459	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1969	5.52	1,018	1.17	51.61	1.85	2,076	
	-----do-----	-----do-----	-----do-----	--	--	July 1969	5.76	966.7	1.11	--	2.47	3,667	
	-----do-----	-----do-----	-----do-----	--	--	May 1974	4.87	966.4	1.09	--	1.04	734	
50-46	Flood Retarding Structure #2 Rush Cr. Wshd.	Rush Creek-----	Rush Springs, Okla.	2.13	2.05	Aug. 1959	--	855.29	1.929	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	July 1965	5.3	849.6	1.921	77.75	1.86	2,803	
50-47b	Barnitz No. 14-----	Barnitz-----	Clinton, Okla.-----	4.22	4.01	Nov. 1958	--	1,723.2	4.34	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Sept 1963	4.85	1,645.9	4.18	--	3.9	5,070	
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1968	4.87	1,633.9	4.15	--	.6	863	
	-----do-----	-----do-----	-----do-----	--	--	June 1973	4.82	1,606.7	4.08	--	1.4	4,020	
50-48	Sugar Creek Site No. 13-	Sugar Creek-----	Hinton, Okla.-----	1.99	1.93	Feb. 1964	--	532.17	2.137	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1965	1.7	503.79	2.023	82.27	8.65	15,499	
50-49a	Upper Washita Site #25--	Gageby Creek-----	Canadian, Tex.-----	7.14	6.98	Nov. 1961	--	1,715.92	4.61	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	July 1964	4.8	1,618.74	4.6	31.8	1/1	1,000	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1974	8.18	1,267.45	4.51	81	1/1.21	1/415	
50-50a	Kent Creek Wshd. Site #1	Kent Creek-----	Quitaque, Tex.-----	1.52	1.46	Apr. 1964	--	625.8	15.44	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	June 1966	2.1	617.15	15.23	61	1/2.67	1/3,547	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1974	8.3	541.21	15.35	66	1/6	1/8,697	
50-51	Rush Creek No. 2-----	Rush Creek-----	Rush Springs, Okla.	2.13	2.05	Aug. 1959	--	656	2.31	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	July 1965	5.9	639.6	2.25	77.75	1.36	2,303	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1970	5.19	635.4	2.24	--	.79	655	
	-----do-----	-----do-----	-----do-----	--	--	Apr. 1959	--	771.2	2.11	--	--	--	SCS
50-52	Saddle Mountain No. 2--	Saddle Mountain Creek--	Carnegie, Okla.-----	3.43	3.37	Apr. 1965	6	2/-----	--	38	2/4.47	2/389	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1970	5.26	751.4	2.05	*80	.53	734	
50-53	Lake Nocona-----	Farmers Creek-----	Nocona, Tex.-----	92.18	89.73	Apr. 1961	--	28,859.83	1.57	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	July 1972	11.25	27,382.19	1.49	37	1.46	1,177	
50-54	Rock Creek Site 6-----	Trib. Rock Creek-----	Sulphur, Okla.-----	4.54	4.29	May 1966	--	1,149.22	1.03	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	June 1971	5.04	1,137.1	1.02	--	.55	631	
50-55	Upper Washita Site 21--	Gageby Creek-----	Wheeler, Tex.-----	16.94	16.46	Jan. 1961	--	3,708.4	4.1	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	June 1972	11.3	3,678.17	4.07	*58	1/1.14	1/292	
SABINE, NECHES, AND TRINITY RIVER BASINS													
51-1	Terrell City Lake-----	Kings Creek-----	Terrell, Tex.-----	9.2	8.71	Oct. 1921	--	2,219	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Dec. 1949	28.25	1,605	--	59.2	2.49	3,211	
51-2	Lower Beaton Lake-----	Trib. of Elm Creek-----	Corsicana, Tex.-----	.91	.82	-----1893*	--	319	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Sept 1949	54	205	--	--	2.57	--	
51-3	Burke Neck Lake-----	-----do-----	-----do-----	.58	.54	-----1880	--	181	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Sept 1949	69	92	--	--	2.39	--	
51-4	Lake Dallas-----	Elm Fk. Trinity River--	Denton, Tex.-----	1,174	1,157	Feb. 1928	--	180,759	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Sept 1938	10.5	167,072	--	53	1.13	1,304	
51-5	Lake Halbert-----	Elm Creek-----	Corsicana, Tex.-----	3/9.48	8.56	-----1921	--	8,012	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Sept 1949	28	6,657	--	67.4	5.66	8,308	
	-----do-----	-----do-----	-----do-----	--	--	-----1885	--	756	--	--	--	--	SCS
51-6	Magnolia L. (Red Horse)-	Trib. of Elm Creek-----	-----do-----	.59	.43	Sept 1949	64	659	--	--	3.53	--	SCS

51-7	Mountain Creek	Mountain Creek	Dallas, Tex.	280	274.4	Mar. 1937	--	27,520	--	--	--	--	SCF
	do	do	do	--	--	Nov. 1946	9.7	27,100	--	--	2.91	--	SCF
51-8b	White Rock Lake	White Rock Creek	do	95.1	97.4	Apr. 1910	--	16,768	.6	--	--	--	SCS
	do	do	do	--	--	Apr. 1935	25	14,276	.63	49	1.6	1,706	SCS
	do	do	do	--	--	Mar. 1956	20.9	12,521	.54	25	.27	161	SCS
	do	do	do	--	--	Oct. 1970	14.6	10,744	.47	28	1.11	505	SCS
51-9	Grand Saline	Simmons Branch	Grand Saline, Tex.	2,112	2,000	Feb. 1935	--	100,000	--	--	--	--	SCS
	do	do	do	--	--	Apr. 1936	13.25	109	--	38.7	.52	891	SCS
51-10	T & P	Town Creek	Weatherford, Tex.	6.24	6.16	Apr. 1932	--	500	--	--	--	--	SCS
	do	do	do	--	--	Nov. 1938	8.5	228	--	61	.796	1,058	SCS
51-11	Lake Clark	Waxahachie Creek	Ennis, Tex.	3.11	2.87	do	4/	5/2,265	--	--	--	--	SCS
	do	do	do	--	--	Dec. 1950	--	5/1,741	--	50	5/2.6	2,881	SCS
51-12	Kemp City	Cedar Creek	Kemp, Tex.	1.49	1.42	June 1926	--	376	--	--	--	--	SCS
	do	do	do	--	--	Apr. 1939	12.9	236	--	--	4.29	--	SCS
51-13	Variety Club Boys' Ranch Lake	Unnamed trib.	Bedford, Tex.	.8	.29	June 1942	--	38	--	--	--	--	SCS
	do	do	do	--	--	Apr. 1950	7.8	52	--	--	2.21	--	SCS
51-14	Wills Point	Maghee Creek	Wills Point, Tex.	1.83	1.75	Sept 1914	--	396	--	--	--	--	SCS
	do	do	do	--	--	Apr. 1938	23.6	275	--	60.1	2.95	3,835	SCS
51-15	Bridgeport	West Fork Trinity River	Bridgeport, Tex.	1,051	1,033	Apr. 1932	--	5/282,000	--	--	--	--	SCS
	do	do	do	--	--	Feb. 1945	10.8	281,240	--	--	.765	--	SCS
51-16a	Eagle Mountain	do	Fort Worth, Tex.	1,975	2/009	Mar. 1934	--	2/111,000	--	--	--	--	SCS
	do	do	do	--	--	Mar. 1933	5	205,175	--	--	1.44	--	SCS
	do	do	do	--	--	Nov. 1952	13	182,000	--	--	2.2	--	SCS
51-17	Lake Erie	Unnamed trib.	do	1.05	1.01	Apr. 1899	--	270	--	--	--	--	SCS
	do	do	do	--	--	Apr. 1929	40	204	--	--	1.63	--	SCS
51-18	Kakank City Lake	Trib. of Cedar Creek	Athens, Tex.	.36	.33	Apr. 1925	--	295	--	--	--	--	SCS
	do	do	do	--	--	Apr. 1926	13	272	--	--	5.51	--	SCS
51-19	Wolf Creek	Wolf Creek	Falestine, Tex.	2.5	2.5	Apr. 1916	--	223	--	--	--	--	SCS
	do	do	do	--	--	Apr. 1929	20	189	--	--	.46	--	SCS
51-20	Elkins Lake	East Sandy Creek	Huntsville, Tex.	3.18	3.25	Apr. 1930	--	356	--	--	--	--	SCS
	do	do	do	--	--	July 1950	20	812	--	--	.72	--	SCS
51-21	Murphy Lake	East Fork Trinity River	Crandall, Tex.	4.09	3.98	Oct. 1922	--	167	--	--	--	--	SCS
	do	do	do	--	--	Apr. 1939	16.5	108	--	788	3.94	1,150	SCS
51-22	Loring Lake	Trib. Herriman Creek	Zwolle, La.	1.95	.95	Sept 1926	--	457	--	782	35.68	1,022	SCS
	do	do	do	--	--	Sept 1944	38	626	--	237	1.02	3,809	SCS
51-23	Korens City Lake	Cow Creek	Korens, Tex.	5.43	6.28	Sept 1934	--	550	--	--	--	--	SCS
	do	do	do	--	--	July 1944	10.3	34	--	326	54.40	.44	SCS
51-24	Variety Club Lake	Trib. of Trinity river	Bedford, Tex.	.29	.26	July 1942	--	18	--	431	--	--	SCS
	do	do	do	--	--	May 1950	7.6	54	--	456	--	2.21	SCS
51-25b	Clear Fk. Wshd. Site 10	Trinity River	Weatherford, Tex.	4.3	4.12	Oct. 1955	--	1,473.49	1.9	--	--	--	SCS
	do	do	do	--	--	Apr. 1963	7.5	1,456.91	1.34	--	--	--	SCS
	do	do	do	--	--	Apr. 1968	5.1	1,087.04	1.32	86	.92	1,882	SCS
	do	do	do	--	--	June 1973	5.1	1,408.87	1.81	--	--	.87	SCS
51-26c	Honey Creek Site No. 11	Honey Creek	McKinney, Tex.	1.99	1.85	Feb. 1952	--	1,231	1.89	--	--	--	SCS
	do	do	do	--	--	Apr. 1982	10.2	1,201.8	1.76	--	--	--	SCS
	do	do	do	--	--	July 1967	5.8	1,166.7	1.74	21.4	1.48	3,056	SCS
	do	do	do	--	--	Apr. 1972	4.7	1,156.1	1.25	52	3.51	3,975	SCS
51-27c	Honey Creek Site No. 12	Trib. E. Fork Trinity	do	1.28	1.2	Jan. 1982	--	457.82	1.25	--	--	--	SCS
	do	do	do	--	--	June 1975	5.95	457.24	1.04	40.72	1.89	1,130	SCS
	do	do	do	--	--	Apr. 1937	--	610	1.475	--	--	--	SCS
51-28a	Dawson City Lake	Trib. Richland Creek	Dawson, Tex.	1.16	1.07	Feb. 1956	18.2	466	1.126	--	7.16	5,130	SCS
	do	do	do	--	--	Sept 1963	7.5	100.1	.942	--	3.45	6,587	SCS
51-29	Lake Cherokee	Sabine River	Longview, Tex.	170	163.77	Oct. 1948	--	49,305	.426	--	--	--	SCS
	do	do	do	--	--	Apr. 1945	11.5	49,305	.412	80.12	1.37	2,460	SCS
51-30a	Lavon Reservoir	East Fork Trinity River	Lavon, Tex.	770	738.1	8/	10/	423,400	1.99	--	--	--	SCS
	do	do	do	--	--	Oct. 1953	--	424,450	1.99	--	--	--	SCS
	do	do	do	--	--	Oct. 1959	6	425,200	1.25	53.1	1.9	2,197	SCS
	do	do	do	--	--	Oct. 1965	6	418,494	1.32	100.9	2.14	2,472	SCS
51-31b	Site #11B Elm Fk. Wshd.	Trinity River	Gainesville, Tex.	2	1.87	Nov. 1958	--	578.2	1.33	--	--	--	SCS
	do	do	do	--	--	July 1963	4.57	670	1.31	78.5	17.96	4/1,537	SCS
	do	do	do	--	--	Oct. 1968	5.25	654.6	1.25	61	17.62	1/1,356	SCS
	do	do	do	--	--	Sept 1972	4.88	124,700	1.32	57.02	17.16	2,601	SCS
51-32a	Garza-Little Elm Res. (Lewisville Dam)	Flm Fork Trinity River	Lewisville, Tex.	1,660	1,539	Apr. 1946	--	1,018,200	2.82	--	--	--	SCS
	do	do	do	--	--	10/	10/	1,002,200	2.28	--	--	--	SCS
	do	do	do	--	--	11/Nov. 1954	--	1,003,400	2.28	--	--	--	SCS
	do	do	do	--	--	Sept 1960	5.88	989,728	2.25	50.6	1.46	1,600	SCS
	do	do	do	--	--	Sept 1965	5.04	987,763	2.25	50.6	.99	1,089	SCS
51-33	Dam B Reservoir	Neches	Jasper, Tex.	12/7,575	7,546.6	Apr. 1947	--	124,700	0.32	--	--	--	SCS
	do	do	do	--	--	1951	--	13/131,142	0.34	--	--	--	SCS
	do	do	do	--	--	Feb. 1960	8.83	131,681	0.34	60.9	14/0.25	14/33	SCS

1/ Sediment pool only.  
2/ Area above sediment pool riser was not surveyed in 1965.  
3/ Excludes area above two lakes in watershed which contributes occasional flow to Lake Halbert.  
4/ Lake Clark was built in 1940 downstream from "Ennis New Lake" or "Club Lake" which was built in 1895. Club Lake and a small pond now submerged by Lake Clark.  
5/ Data based upon combined capacities, drainage area, and sediment volumes of all lakes in system.  
6/ Water supply pool capacity. Does not include surcharge or flood storage.  
7/ Excludes area above Bridgeport Reservoir which lies upstream from Eagle Mt. Reservoir.

8/ Original capacity from say by storage between air-southwest.  
9/ "Original" or 1945 capacity as listed in 1961 by range line controls established in 1953 give "Oct. 53" area and capacity.  
10/ Adjusted for 1952 survey of Lake Dallas.  
11/ Adjusted in Apr. 1951 for detailed range survey in 1952-53-54.  
12/ Determined by HSCS Nov. 1961.  
13/ 1951 adjusted data.  
14/ Deposits above Highway 190 bridge only. Not corrected for degradation between highway and dam.  
\* Estimated or assumed.

**SUMMARY OF  
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975**

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES)		DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN		AGENCY SUPPLYING DATA
				TOTAL	NET						AC.-FT.	TONS	
				SABINE, NECHES, AND TRINITY RIVER BASINS (Continued)									
51-34a	Clear Creek Site 21----	Trinity River-----	Muenster, Tex.----	1.54	1.48	May 1962 --		479.4	1.37	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1967 5.19		463.6	1.34	--	1.4	--	
	-----do-----	-----do-----	-----do-----	--	--	July 1973 5.99		466.2	1.34	--	.25	423	
51-35	Upper Lake Fk. Wshd. Site 23	Sabine River-----	Sulphur Spr., Tex.	9.39	8.8	Aug. 1962 --		5,307.5	.69	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1967 5.2		5,262.9	.69	--	.45	652	
51-36	Lake Amon G. Cartar-----	Big Sandy Creek-----	Bowie, Tex.-----	103	101	May 1956 --		15,805.75	1.07	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	May '67 11		15,248.06	1.03	55.19	.51	613	
51-37a	Chambers Creek Site 37--	Trib. Chambers Creek--	Keene, Tex.-----	2.05	1.95	Dec. 1960 --		624.84	1.24	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Sept 1964 3.8		619.37	1.33	--	--	--	
	-----do-----	-----do-----	-----do-----	--	--	May 1969 4.7		617.89	1.33	49	.16	44F	
	-----do-----	-----do-----	-----do-----	--	--	May 1974 5		609.32	1.51	--	.82	744	
51-38a	Chambers Cr. Site 101-A--	Trinity River-----	Frost, Tex.-----	2.58	2.34	Apr. 1960 --		1,152.11	1.2	--	--	--	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1964 4.5		1,137.61	1.18	--	--	--	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1968 3.9		1,114.89	1.16	54.9	2.49	2,806	
51-39a	Clear Fork Trinity Site #7	Trib. Trinity River--	Poolville, Tex.---	2.55	2.44	Oct. 1955 --		746.9	1.57	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Apr. 1969 13.5		826.29	1.32	47.2	3.66	3,760	
	-----do-----	-----do-----	-----do-----	--	--	Apr. 1974 5		600.09	1.26	--	2.14	3,368	
51-40a	Denton Cr. Wshd. Site 17	Trinity River-----	Decatur, Tex.---	4.1	3.96	Oct. 1963 --		1,621.33	2.7	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1968 5		1,557.16	2.6	--	3.26	--	
	-----do-----	-----do-----	-----do-----	--	--	June 1973 4.7		1,524.57	2.54	--	1.76	9,219	
51-41a	E. Keachi Cr. Site No. 1	Trib. Brazos River-----	Perry, Tex.-----	5.63	6.27	Jan. 1964 --		1,545.56	1.56	--	--	--	
	-----do-----	-----do-----	-----do-----	--	--	June 1968 4.4		1,427.15	1.64	*72	.66	1,035	
	-----do-----	-----do-----	-----do-----	--	--	May 1975 6.95		1,511.56	1.63	--	.35	446	
51-42	Lake Weatherford-----	Clear Fork Trinity-----	Weatherford, Tex.---	109	1/63.06	Mar. 1957 --		21,233.61	2/1.57	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Apr. 1973 16.06		19,665.72	2/1.47	08.15	1.35	1,122	
51-43	Warren Ranch Lake-----	Rock Hollow-----	Hockley, Tex.-----	3.42	3.09	-- 1952 --		1,132	.58	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	-- 1971 19		987	.5	38	2.47	2,044	
LOWER BRAZOS, LOWER COLORADO, GUADALUPE, SAN ANTONIO, AND NUECES RIVER BASINS													
52-1	Lake Corpus Christi-----	Nueces River-----	Mathis, Tex.-----	16,800	16,791	July 1934 --		54,426	.08	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Mar. 1942 7.6		43,801	.064	34.9	.083	63	
	-----do-----	-----do-----	-----do-----	--	--	Mar. 1948 6		39,387	.058	35.6	.044	26	
52-2	Medina Lake-----	Medina River-----	San Antonio, Tex.---	587	578	Mar. 1913 --		274,065	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Jan. 1937 23.9		267,833	--	61.1	.465	619	
	-----do-----	-----do-----	-----do-----	--	--	May 1948 11.3		265,075	--	75	.291	--	
52-3	Buchanan-----	Colorado River-----	Burnet, Tex.-----	2/19,350	19,213	June 1937 --		970,010	*.649	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Feb. 1941 3.7		954,859	*.639	--	.21	--	
52-4	Moss Ranch Stock Pond---	S. Bull Creek-----	Llano, Tex.-----	.07	.07	-- 1909 --		4.7	--	--	--	--	FCF
	-----do-----	-----do-----	-----do-----	--	--	Feb. 1941 22		4.5	--	--	.07	--	
	-----do-----	-----do-----	-----do-----	--	--	-- 1903 --		9.3	--	--	--	--	SCS
52-5	Moss Ranch Stock Pond---	W. Bull Creek-----	-----do-----	.2	.19	Feb. 1941 38		9.1	--	--	.021	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Feb. 1916		11.6	--	--	.12	--	
52-6	Helms Tank-----	Trib. of Sandy Creek--	-----do-----	.15	.14	Sept 1950 --		251	.595	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1955 4.95		228	.54	34.65	1.5	1,132	
52-7	Paker Lake-----	Trib. San Antonio River	Somerset, Tex.---	3.17	3.1	Dec. 1956 --		1,697.82	1.65	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Mar. 1968 11.25		1,661.12	1.62	56.17	.49	706	
52-8a	Calaveras Creek Site #6--	Calaveras Creek-----	San Antonio, Tex.---	7.01	6.7	July 1960 --		2,665.4	1.98	--	--	--	SCS
52-9a	Escondido Cr. Wshd. Site #1	San Antonio River-----	Kenedy, Tex.-----	8.43	7.96	Sept 1965 5.2		2,634.4	1.95	--	--	--	
	-----do-----	-----do-----	-----do-----	--	--	May 1971 8.7		2,622.4	1.94	4/55.04	.17	236	
52-10	Rudder Pond-----	Trib. of Llano River--	Hext, Tex.-----	1.35	1.34	Aug. 1951 --		11.36	.081	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1955 4		11.45	.078	--	.09	--	
52-11	Sirianni Lake-----	Trib. of Hondo Creek--	Moore, Tex.-----	.769	.747	Feb. 1951 --		80.3	1.959	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Sept 1955 4.54		78.5	1.866	45.6	1.12	1,112	
52-12	Smith Pond-----	Trib. of Bonito Creek--	Jourdanton, Tex.---	.191	.186	Apr. 1953 --		5.41	.661	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1955 2.4		5.6	.615	27.8	1.6	1,090	
52-13	Thornton Lake-----	Cibola Creek-----	Boerne, Tex.-----	1.54	1.52	Sept 1952 4.578		142.4	.578	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1955 2.91		135.2	.549	--	1.64	--	
52-14	Iley Lake-----	Guadalupe River-----	Gonzales, Tex.---	2.34	2.32	Jan. 1949 --		5,448.97	.678	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	June 1954 15.42		45.75	.67	58.8	.15	42	
52-15	Blackwell Lake-----	Trib. of Deer Creek--	Quero, Tex.-----	2.76	2.75	Sept 1949 --		5/45.12	.621	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	June 1964 14.75		41.51	.656	59.6	.09	97	

52-16b	Site #1 Escondido Creek	San Antonio River	Kenedy, Tex.	3.01	2.84	Sept 1954	--	924.7	2.30	--	--	--	SCS
	-do-	-do-	-do-	--	--	June 1964	9.8	906.2	2.26	--	--	.67	6/763
	-do-	-do-	-do-	--	--	July 1964	8.1	890.1	2.22	--	--	1.12	1,710
	-do-	-do-	-do-	--	--	Aug. 1975	6.1	877.8	2.19	--	--	.71	1,433
52-17	Cummings Cr. Wshd Site 6	Trib. Cummings Creek	Giddings, Tex.	2.99	2.76	Aug. 1958	--	858.3	.77	--	--	--	SCS
	-do-	-do-	-do-	--	--	Sept 1963	5.1	855.2	.77	--	--	.22	--
	-do-	-do-	-do-	--	--	Aug. 1969	5.9	854.1	.76	--	--	.07	--
52-18	Lower Plum Cr. Site 31-	Trib. Plum Creek	Lockhart, Tex.	3.51	3.26	May 1966	--	1,047.67	1.14	--	--	--	SCS
	-do-	-do-	-do-	--	--	Sept 1975	8.8	1,032.22	1.13	--	--	.54	881
52-19	Vahlsing Lake	Bayou Creek	Mathis, Tex.	13.86	13.72	-- 1953	--	519.63	.47	--	--	--	SCS
	-do-	-do-	-do-	--	--	-- 1971	18	459.95	.41	51	.24	.257	--

BRAZOS RIVER BASIN (SOUTH BEND TO WASHINGTON) MIDDLE, AND COLORADO RIVER BASINS

53-1	Lake Scarborough	Trib. Jim Ned Creek	Coleman, Tex.	10.8	10.6	May 1923	--	2,153	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	May 1940	17	2,007	--	51.41	--	.81	907
53-2	Santa Anna Lake	Mud Creek	Santa Anna, Tex.	1.17	1.05	Apr. 1923	--	736	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Apr. 1940	17	745	--	45.2	1.18	1,162	--
53-3	Lake Eanes	Mercer Creek	Comanche, Tex.	13.76	13.57	May 1926	--	1,313	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Sept 1946	20.3	1,221	--	--	--	.334	--
53-4	Lake Merritt	Browne Creek	Goldthwaite, Tex.	11.65	11.5	May 1917	--	962	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	May 1940	23	855	--	43	--	375	--
53-5	Hubbard City Lake No. 3	Trib. E. Cottonwood Cr.	Hubbard, Tex.	--	.16	-- 1913	--	7/104.5	--	--	--	.4	SCS
	-do-	-do-	-do-	--	--	May 1949	36	90.2	--	--	--	2.86	--
53-6	Hubbard City Lake No. 4	E. Cottonwood Creek	-do-	1.4	1.35	May 1917	--	2/319.2	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	May 1949	32	255.4	--	--	--	1.45	--
53-7a	Rogers Lake	Trib. of Little River	Rogers, Tex.	--	.55	Fall 1922	--	164	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Sept 1934	12	126.5	--	--	--	6.12	--
53-8	Hubbard City Lake No. 1	Trib. E. Cottonwood Cr.	Hubbard, Tex.	--	.5	-- 1898	--	8/110	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	May 1949	51	84	--	--	--	1	--
53-9	Hubbard City Lake No. 2	-do-	-do-	--	.03	-- 1912	--	8/36.3	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	May 1949	37	33	--	--	--	3	--
53-10	Hubbard City Lake No. 5	East Cottonwood Creek	-do-	--	.11	May 1925	--	44.8	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	May 1949	24	37.8	--	--	--	3	--
53-11	Lake Lawn	Redbank Creek	Lawn, Tex.	13	12.8	-- 1911	--	530	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Mar. 1941	30	354	--	--	--	.46	--
53-12	Lometa	Salt & Emory Creeks	Lometa, Tex.	4.74	4.6	Feb. 1912	--	759	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Feb. 1941	29	722	--	--	--	.2	--
53-13	Heridian Lake	See Creek	Heridian, Tex.	3.5	3.2	Apr. 1924	--	727	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Apr. 1946	12	692	--	--	--	--	--
53-14	Miller Lake	Trib. of Horse Creek	San Saba, Tex.	--	.41	Sept 1913	--	85	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Mar. 1941	27.5	75	--	--	--	.71	--
53-15	Odell Lake	Unnamed trib.	Hubbard, Tex.	--	.56	July 1925	--	75.1	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	July 1949	24	52.6	--	--	--	1.71	--
53-16	Possum Kingdom Lake	Brazos River	Graford, Tex.	9/14,098	12,955	May 1941	--	729,985	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Feb. 1949	7.75	672,420	--	--	--	.57	--
53-17	Rock Crusher	Bachelor Creek	Coleman, Tex.	16.5	16.48	Feb. 1910	--	353	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Feb. 1941	31	80	--	--	--	.14	--
53-18	Old Santa Anna City Lake	Mukewater Creek	Santa Anna, Tex.	--	.9	Jan. 1916	--	153	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	June 1940	30.5	118	--	--	--	1.31	--
53-19	Old Coleman City Lake	Home Creek	Coleman, Tex.	--	.73	Nov. 1905	--	289	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	May 1946	33.6	273	--	--	--	.67	--
53-20	Hamilton City Lake	Two Mile Creek	Hamilton, Tex.	12	11.9	June 1923	--	610	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Mar. 1941	17.75	360	--	--	--	.24	--
53-21	Lake Leon	Leon River	Eastland, Tex.	225	224.7	June 1920	--	10/1,637	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Mar. 1941	20.75	1,275	--	--	--	.08	--
53-22	Lake Mineral Wells	Rock Creek	Mineral Wells, Tex.	74.4	73.4	-- 1922	--	10,741	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Dec. 1941	19.5	9,032	--	--	--	1.19	--
53-23	Buffalo Tank (Knox Tank)	Trib. of Pecan Bayou	Coleman, Tex.	1.73	1.71	-- 1900	--	33	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Feb. 1941	41	29	--	--	--	.058	--
53-24	R. G. Hollingsworth Stock Pond	-do-	-do-	2.6	2.58	June 1937	--	--	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Feb. 1941	3.7	14	--	--	--	.66	--
53-25	J. S. Wall Stock Pond	Trib. of Brady Creek	Brady, Tex.	--	.35	-- 1927	--	12	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Mar. 1941	14	12.2	--	--	--	.16	--
53-26	White Tank	Trib. of Pecan Bayou	Brownwood, Tex.	--	.8	May 1936	--	4.5	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Mar. 1941	4.8	3.5	--	--	--	.24	--
53-27	Zimmer Lee Stock Pd. (N.)	Trib. of Jim Ned Creek	Lawn, Tex.	--	.13	-- 1916	--	560	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Feb. 1941	25	1.12	--	--	--	.1	--
53-28	Stith Lake	Redbank Creek	-do-	1.04	1.01	Aug. 1925	--	102	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Mar. 1941	14.6	93	--	--	--	.63	--
53-29	Philpeco Lake	Paint Creek	Pioneer, Tex.	9.04	9	Apr. 1925	--	182	--	--	--	--	SCS
	-do-	-do-	-do-	--	--	Feb. 1941	15.9	173	--	--	--	.07	--
53-30b	Lake Brownwood	Pecan Bayou (Colo. R.)	Brownwood, Tex.	1,544	1,533	July 1932	--	149,925	1.011	--	--	--	SCS
	-do-	-do-	-do-	--	--	Feb. 1940	7.5	145,720	.963	41.9	--	.361	329
	-do-	-do-	-do-	--	--	Sept 1959	19.5	125,963	.916	42.2	.325	299	--

1/ Does not include 44.15 sq. mi. drainage area controlled by 22 SCS floodwater retaining structures, and 1.79 sq. mi. lake area.  
 2/ Adjusted because of upstream control of 22 SCS floodwater retaining structures.  
 3/ Drainage area is 31,250 sq. mi., of which 11,900 sq. mi. are noncontributing.  
 4/ Weighted average.  
 5/ Original capacity determined by spudding on 1964 survey.  
 6/ Sediment pool only.

7/ Dam was raised in 1925 and 1949. Capacities based on 1949 level.  
 8/ Dam was raised in 1925. Capacity based on 1925 level.  
 9/ Includes 1,111 sq. mi. of partially contributing drainage above lakes in watershed; excludes 8,900 sq. mi. of noncontributing drainage at head of watershed.  
 10/ Dam was raised 1 ft. in 1928. Capacity at 1928 spillway level. Estimated or assumed.

**SUMMARY OF  
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975**

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES)		DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN		AGENCY SUPPLYING DATA
				TOTAL	NET						AC.-FT.	TONS	
BRAZOS RIVER BASIN (SOUTH BEND TO WASHINGTON) MIDDLE, AND COLORADO RIVER BASINS (Continued)													
53-31a	Lake Waco (Old)	Bosque	Waco, Tex.	1/1,649	1/1,645	Apr. 1930	--	39,378	--	--	--	--	CE
	do	do	do	--	--	Feb. 1935	4.9	33,717	--	*58.5	.695	886	
	do	do	do	--	--	Feb. 1936	1	31,588	--	*58.5	1.28	1,631	
	do	do	do	--	--	Dec. 1947	11.8	22,028	--	*58.5	.487	621	
	do	do	do	--	--	Dec. 1961	17	15,427	--	--	.236	--	
	do	do	do	--	--	Feb. 1929	--	6,583	1.144	--	--	--	SCS
53-32	Lake Eddleman	Flint Creek	Graham, Tex.	42	41.4	May 1954	25.25	5,917	1.028	49.2	.64	687	
	do	do	do	--	--	Nov. 1955	--	458.5	1.23	--	--	--	SCS
53-33c	Site No. 3 Cow Bayou	Trib. Brazos	Moody, Tex.	1.4	1.32	Aug. 1960	4.75	393.3	1.05	--	10.4	--	
	do	do	do	--	--	Aug. 1965	5.04	375.4	1.01	--	2.69	--	
	do	do	do	--	--	Apr. 1970	4.69	366.7	.98	--	1.41	1,572	
	do	do	do	--	--	Aug. 1975	5.25	358.5	.96	--	1.18	1,897	
	do	do	do	--	--	July 1956	--	1,915	1.24	--	--	--	SCS
53-34b	Cow Bayou No. 4	Foster Branch	Bruceville, Tex.	5.25	5.04	Sept. 1969	13.2	1,833.53	1.19	--	1.19	1,419	
	do	do	do	--	--	July 1975	5.8	1,812.1	1.18	--	.73	1,241	
	do	do	do	--	--	Nov. 1953	--	925.18	2.8	--	--	--	SCS
53-35a	Deep Creek No. 3	Deep Cr. Mid. Colo. R.	Brady, Tex.	3.42	3.19	Aug. 1960	6.8	881.8	2.6	--	--	3,335	
	do	do	do	--	--	June 1965	4.8	874.62	2.66	--	--	277	
	do	do	do	--	--	Sept. 1971	6.3	871.32	2.65	2/79	.16	277	SCS
	do	do	do	--	--	Apr. 1955	--	1,095	1.98	--	--	--	
53-36b	Green Creek No. 1	Green Creek	Dublin, Tex.	3.57	3.38	Jan. 1957	1.8	1,080	1.96	--	--	--	
	do	do	do	--	--	Apr. 1962	5.2	1,065	1.93	--	--	--	
	do	do	do	--	--	June 1967	5.2	1,063	1.93	73.6	.11	3/88	
	do	do	do	--	--	May 1972	4.9	1,054	1.91	--	.53	--	
	do	do	do	--	--	--	1910	153.8	2.435	--	--	--	SCS
53-37	Silver Lake	N. E. Trib. Leon River	do	.37	.334	July 1960	50	145	2.296	--	.527	--	SCS
	do	do	do	--	--	Aug. 1953	--	1,326.7	4.755	--	--	--	SCS
	do	do	do	--	--	July 1961	7.9	1,295.7	4.644	--	1.44	--	SCS
53-39	Upper Res. Deep Creek Site 5	do	do	2.19	2.18	Aug. 1953	--	15.2	.072	--	--	--	SCS
	do	do	do	--	--	July 1961	7.9	11.2	.053	49.9	.23	250	SCS
53-40a	Mukewater Cr. Site No. 9	Mid. Colorado River	Bangs, Tex.	4.75	4.55	Jan. 1961	--	792.94	1.38	--	--	--	
	do	do	do	--	--	June 1965	4.42	708.42	1.33	--	1.22	--	
	do	do	do	--	--	July 1970	5.1	703.41	1.32	--	.22	--	
53-41a	Sulphur Creek Site 3	Lampasas River	Lampasas, Tex.	10.81	10.58	Dec. 1959	--	3,229.2	1.6	--	--	--	SCS
	do	do	do	--	--	Nov. 1962	2.8	3,224.7	1.6	--	--	--	
	do	do	do	--	--	Aug. 1968	5.8	3,223.3	1.6	55	3/02	3/24	
	do	do	do	--	--	Dec. 1941	--	6/2,013,600	--	--	--	--	CE
53-42	Whitney Reservoir	Brazos River	Whitney, Tex.	4/17,656	5/3,480	Apr. 1959	7.4	1,999,500	--	62.6	.55	750	
	do	do	do	--	--	Dec. 1951	--	1,488.81	2.12	--	--	--	SCS
53-43a	Site No. 8 Deep Creek	Dry Prong	Brady, Tex.	2/5.41	2/5.17	Sept. 1966	14.8	1,367.81	2.06	--	.71	--	
	do	do	do	--	--	Aug. 1972	5.9	1,359.54	2.05	--	.27	3/174	
	do	do	do	--	--	Mar. 1965	--	3,164.89	1.85	--	--	--	SCS
53-44a	Site #10-A Mukewater Cr.	Mukewater Creek	Bangs, Tex.	15.26	14.59	Aug. 1966	1.4	3,157.99	1.85	--	.34	--	
	do	do	do	--	--	Aug. 1972	6.06	3,137.38	1.84	--	.22	--	
	do	do	do	--	--	June 1949	--	10,731	.81	--	--	--	SCS
53-45	Lake Daniel	Gonzales Creek	Ereckenridge, Tex.	115	113	Nov. 1970	21.4	9,515	.72	48	.49	512	
	do	do	do	--	--	Jan. 1960	--	645.79	1.6	--	--	--	CE
53-46	Site 9 Lower San Saba R.	Colorado River	San Saba, Tex.	3.03	2.88	Sept. 1967	7.67	635.49	1.57	--	.46	723	
	do	do	do	--	--	Mar. 1954	--	1,101,051	2.26	--	--	--	CE
53-47	Belton Lake	Leon River	Belton, Tex.	2,258.8	2,221.8	Oct. 1961	7.67	1,091,318	2.24	51.4	.39	437	
	do	do	do	--	--	Oct. 1966	5	1,086,196	2.23	51.4	.39	439	
	do	do	do	--	--	Dec. 1951	--	22.83	.135	--	--	--	SCS
53-48	Diversion Pond Above Site 8 Deep Cr. Wshd.	Trib. Deep Creek	Brady, Tex.	1.38	1.37	Sept. 1966	14.8	19.15	.113	--	.18	--	
	do	do	do	--	--	Aug. 1972	5.9	18.45	1.09	42	.09	79	
53-49	Hords Creek Reservoir	Hords Creek	Coleman, Tex.	48	46.02	Apr. 1948	--	25,314	5.63	--	--	--	CE
	do	do	do	--	--	Oct. 1962	14.58	24,867	5.53	50.3	.67	734	
	do	do	do	--	--	Oct. 1968	6	24,734	5.5	*50.3	.48	528	
53-50	Site No. 12 Tehuacana Cr.	Trib. Tehuacana Creek	Waco, Tex.	5.93	5.59	July 1963	--	3/252.75	--	--	--	--	SCS
	do	do	do	--	--	July 1965	2	246.25	--	--	--	--	
	do	do	do	--	--	Aug. 1971	6.1	246.25	--	--	3/18	--	

UPPER BRAZOS AND UPPER COLORADO RIVER BASINS

54-1	Lake Abilene-----	Elm Creek-----	Abilene, Tex.-----	98.5	97.5	Aug. 1921 --	10,325	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			Sept 1948 27	9,786		*60	.21	274
54-2b	Lake Masworthy-----	South Concho-----	San Angelo, Tex.---	3,294	3,119	Oct. 1930 --	11,485		*046	--	SCS
	-----do-----	-----do-----	-----do-----			Dec. 1938 --	10,224		*041	67.5	.046
	-----do-----	-----do-----	-----do-----			May 1953 14.5	8/12,928		*051	67.5	.023
54-3	Lake Sweetwater-----	Bitter Creek-----	Sweetwater, Tex.---	110	108.8	Feb. 1930 --	13,810		--	--	SCS
	-----do-----	-----do-----	-----do-----			Dec. 1941 11.8	13,287		--	.41	--
54-4	Lake Kirby-----	Cedar Creek-----	Abilene, Tex.-----	44	42.8	Sept 1928 --	8,133		--	--	SCS
	-----do-----	-----do-----	-----do-----			Nov. 1941 13.2	7,618		--	.91	--
54-5	Lake Throckmorton-----	South Elm River-----	Throckmorton, Tex.---	11.54	11.32	Sept 1918 --	9/1,947		1.534	--	SCS
	-----do-----	-----do-----	-----do-----			June 1954 35.7	1,823		1.441	31.55	.29
54-6a	Lake Fort Phantom Hill-----	Elm Fork, Brazos River-----	Abilene, Tex.-----	478	268	10/Oct. 1938 --	76,868		--	--	SCS
	-----do-----	-----do-----	-----do-----			Aug. 1953 14.8	74,312		--	35.99	.67
54-7	Mountain Creek-----	Mountain Creek-----	Robert Lee, Tex.---	32	31.88	May 1950 --	945.3		.369	--	SCS
	-----do-----	-----do-----	-----do-----			Apr. 1961 10.9	804.9		.314	53.06	.4
54-8	XQZ Ranch Pond-----	Trib. S. Concho River-----	San Angelo, Tex.---	1.6	1.53	May 1937 --	276		2.24	--	SCS
	-----do-----	-----do-----	-----do-----			Aug. 1955 18.2	250		2.029	63.6	.93
54-9	Lake Stamford-----	Paint Creek-----	Stamford, Tex.---	360	352.34	June 1953 --	57,632.35		1.71	--	SCS
	-----do-----	-----do-----	-----do-----			May 1966 12.9	53,927.57		1.6	42.56	.82
54-10	Site 18 Valley Cr. Wshd.-----	Trib. Valley Creek-----	Winters, Tex.-----	4.21	4.11	Aug. 1964 --	719.99		2.38	--	SCS
	-----do-----	-----do-----	-----do-----			June 1969 4.8	717.05		2.36	69	.14
54-11	Lake Ballinger-----	Valley Creek-----	Ballinger, Tex.---	210	209	Nov. 1947 --	3,672.09		.28	--	SCS
	-----do-----	-----do-----	-----do-----			Aug. 1970 22.8	3,070.42		.22	37	.17
54-12	Lake Winters-----	Elm Creek-----	Winters, Tex.-----	63.62	63.14	Oct. 1945 --	2,518.2		.59	--	SCS
	-----do-----	-----do-----	-----do-----			July 1970 24.75	1,886.2		.44	39	.4

RIO GRANDE BASIN (BELOW EAGLE PASS)

55-1	Site 6 Olmitos & Garcia's Creeks-----	El Gato Creek-----	Rio Grande City, Tex.-----	13.19	12.94	June 1962 --	2,258.11	21.5	--	--	SCS
	-----do-----	-----do-----	-----do-----			Sept 1966 4.25	2,252.03	21.4	*75	.11	180

RIO GRANDE BASIN (FORT QUITMAN TO EAGLE PASS) AND LOWER Pecos RIVER BASIN

56-1a	Cottonwood Detention-----	San Felipe Arroyo River-----	Fabens, Tex.-----	2.34	2.19	July 1937 --	500	16.129	--	--	SCS
	-----do-----	-----do-----	-----do-----			July 1954 17	378	12.154	--	3.28	--
56-2	Rattlesnake Detention-----	-----do-----	-----do-----	5.15	11/2.81	July 1937 --	224.4	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			July 1954 17	175.7	--	--	1.02	--
56-3	Roberts Detention-----	-----do-----	-----do-----	2.34	2.31	July 1937 --	145.3	4.687	--	--	SCS
	-----do-----	-----do-----	-----do-----			July 1954 17	104.8	3.381	--	1.03	--
56-4a	Fress Pond-----	Trib. of Devils River-----	Sonora, Tex.-----	.435	.43	Dec. 1944 --	7.31	.222	--	--	CFR
	-----do-----	-----do-----	-----do-----			Aug. 1955 10.75	6.97	.211	69.6	.074	112
56-5	Lowrey Draw, Site No. 9-----	Lowrey Draw-----	-----do-----	2.77	2.64	June 1961 --	3/31.1	.49	--	--	ARS
	-----do-----	-----do-----	-----do-----			Feb. 1969 7.65	30.84	.48	64	.01	18
56-6	Lowrey Draw, Site No. 10-----	Trib. Lowrey Draw-----	-----do-----	8.43	8.2	June 1961 --	3/95	.58	--	--	ARS
	-----do-----	-----do-----	-----do-----			Mar. 1969 7.83	94.38	.68	64	.01	14
56-7	Lowrey Draw, Site No. 12-----	-----do-----	-----do-----	4.38	4.19	June 1961 --	3/85.46	.68	--	--	ARS
	-----do-----	-----do-----	-----do-----			Feb. 1969 7.65	84.03	.67	64	.04	62
56-8	Lowrey Draw, Site No. 13-----	-----do-----	-----do-----	1.07	1.02	June 1961 --	3/56.26	3.28	--	--	ARS
	-----do-----	-----do-----	-----do-----			Mar. 1969 7.74	56.1	3.26	64	.02	28
56-9	Site No. 1 Diablo Arroyo-----	Rio Grande-----	McNary, Tex.-----	29.89	29.51	Apr. 1960 --	4,489.7	11.3	--	--	SCS
	-----do-----	-----do-----	-----do-----			Apr. 1965 5	4,431	10.9	--	--	--
	-----do-----	-----do-----	-----do-----			Apr. 1970 5	4,235.1	10.6	--	.86	1,130

RIO GRANDE BASIN (ESPAÑOLA TO FORT QUITMAN)

57-1b	Elephant Butte-----	Rio Grande River-----	Elephant Butte, N. Mex.-----	25,923	25,866	Jan. 1915 --	2,634,800	--	--	--	BR
	-----do-----	-----do-----	-----do-----			Dec. 1916 1.9	2,584,865	--	--	1.02	--
	-----do-----	-----do-----	-----do-----			Aug. 1929 3.7	2,498,850	--	--	.899	--
	-----do-----	-----do-----	-----do-----			Aug. 1925 5	2,389,380	--	--	.846	--
	-----do-----	-----do-----	-----do-----			Apr. 1935 9.7	2,270,300	--	*60	.475	621
	-----do-----	-----do-----	-----do-----			Oct. 1940 5.5	2,219,000	--	--	.361	--
	-----do-----	-----do-----	-----do-----			Apr. 1947 6.5	2,197,600	--	*65.9	.127	182
	-----do-----	-----do-----	-----do-----			Feb. 1957 9.75	2,206,780 <sup>12/</sup>	2.2	60.	--	--
	-----do-----	-----do-----	-----do-----			Apr. 1969 12.2	2,137,219	2.51	62	--	.22
57-2	Caballo-----	-----do-----	Truth or Consequences, N. Mex.-----	13/30,700	14/1,237	Jan. 1938 --	345,872	--	--	--	BR
	-----do-----	-----do-----	-----do-----			Nov. 1957 19.9	343,990	--	--	.0761	--
57-3a	Santa Cruz-----	Santa Cruz River-----	Espanola, N. Mex.---	93.1	93.1	Feb. 1929 --	4,464	.19	--	--	SCS
	-----do-----	-----do-----	-----do-----			Aug. 1956 27.4	3,758	.16	80	.27	470
57-4	Cornfield Wash (1)-----	Trib. Rio Puerco River-----	Cuba, N. Mex.-----	.29	.28	Apr. 1951 --	24	1.446	--	--	SC
	-----do-----	-----do-----	-----do-----			Oct. 1960 <sup>17/10</sup>	10.3	.62	--	4.89	--

1/ Latest drainage area by USGS in 1964.  
 2/ Weighted average.  
 3/ Sediment pool only.  
 4/ Does not include 8,900 sq. mi. which is considered to be noncontributing to the total 26,606 sq. mi. drainage area.  
 5/ For the 3,558 sq. mi. area between Possum Kingdom and Whitney Dams, excluding 77.8 sq. mi. which is reservoir surface area at elevation 571.  
 6/ Original storage capacity 2,017,500 ac.-ft. Adjusted in 1963 for detailed range survey 1951.  
 7/ Includes 1.38 sq. mi. drainage area of diversion pond above site.  
 8/ Spillway raised 2.3 ft. in Sept. 1948.

9/ Dam was raised 13 ft. in 1940; capacity at 1940 spillway elevation.  
 10/ Date storage began has not been verified.  
 11/ Includes Hucco Watershed but does not include Roberts watershed.  
 12/ Total storage shows a gain of 9,180 ac.-ft. since 1947 survey, attributable primarily to compaction.  
 13/ Includes 2,940 sq. mi. in closed basin in San Luis Valley, Colo.  
 14/ Drainage area between gaging station below Elephant Butte Dam and gaging station below Caballo Dam less original water surface area of Caballo Reservoir at elevation 4,225.3.  
 15/ Runoff seasons.  
 \* Estimated or assumed.

SUMMARY OF  
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES)		DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFL. OW. RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (LB PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN		AGENCY SUPPLYING DATA
				TOTAL	NET						AC.-FT.	TONS	
RIO GRANDE BASIN (ESPAÑOLA TO FORT QUITMAN) (Continued)													
57-5	Cornfield Wash (2)-----	Trib. Rio Puerco River	Cuba, N. Mex.-----	.87	.85	Apr. 1951	--	54.1	3.127	--	--	--	GS
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1960	1/10	45.1	2.607	--	1.06	--	GS
57-6	Cornfield Wash (3)-----	-----do-----	-----do-----	.25	.25	Apr. 1951	--	5.9	.711	--	--	--	GS
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1960	1/10	2.6	.313	--	1.32	--	GS
57-7	Cornfield Wash (4)-----	-----do-----	-----do-----	1.18	1.17	Apr. 1951	--	22.1	1.277	--	--	--	GS
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1960	1/10	17.4	1.008	--	.4	--	GS
57-8	Cornfield Wash (5)-----	-----do-----	-----do-----	1.04	1.04	Apr. 1951	--	3	.155	--	.6	--	GS
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1960	1/10	4.6	.948	--	--	--	GS
57-9	Cornfield Wash (9)-----	-----do-----	-----do-----	.09	.09	Apr. 1951	--	3.1	.639	--	1.67	--	GS
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1960	1/10	7.4	.561	--	--	--	GS
57-10	Cornfield Wash (13)-----	-----do-----	-----do-----	.33	.33	Apr. 1951	--	.3	.023	--	2.15	--	GS
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1960	1/10	17.9	6.63	--	--	--	GS
57-11	Cornfield Wash (15)-----	-----do-----	-----do-----	1.04	1.03	Dec. 1953	--	17.8	6.893	--	.01	--	GS
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1960	1/7	15.3	.676	--	--	--	GS
57-12	San Luis (1)-----	-----do-----	-----do-----	1.06	1.05	Aug. 1952	--	12	1.498	--	.51	--	GS
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1960	1/8	22.6	.958	--	--	--	GS
57-13	San Luis (3)-----	-----do-----	-----do-----	.67	.66	Oct. 1960	1/8	19.6	.831	--	.58	--	GS
	-----do-----	-----do-----	-----do-----	--	--	June 1954	--	59.9	2.155	--	--	--	GS
57-14	Zia Reservoir-----	Trib. of Jemez River	San Ysidro, N. Mex.	2.4	2.4	Oct. 1960	1/7	19	.683	--	2.43	--	GS
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1953	--	117,213	3.01	--	--	--	CE
57-15b	Jemez Canyon Reservoir	Jemez River	Bernalillo, N. Mex.	1,034	1,029	Aug. 1959	--	5.92	113,874	2.93	*75.7	.548	1,868
	-----do-----	-----do-----	-----do-----	--	--	Dec. 1963	--	6.33	112,809	2.9	*75.7	.0163	270
	-----do-----	-----do-----	-----do-----	--	--	Jan. 1975	--	9.08	106,100	2.73	*75.7	.718	1,180
	-----do-----	-----do-----	-----do-----	--	--	July 1952	--	*3	.12	--	--	--	FC
57-16	San Luis #2-----	Rio Puerco River	Cuba, N. Mex.-----	.74	.74	July 1962	--	--	--	--	.62	--	FC
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1959	--	73.21	15.9	--	--	--	SCS
57-17	Caballo Arroyos Site 1	Underwood Arroyo	Derry, N. Mex.-----	.87	.87	Aug. 1967	7.8	68.79	14.9	111	.64	1,547	FC
57-18a	Site #5 (Alamo Arroyo)	Alamo Arroyo	Chimayo, N. Mex.---	3.15	3.12	Apr. 1962	--	232	13.81	--	--	--	FC
	-----do-----	-----do-----	-----do-----	--	--	Dec. 1968	6.7	160	9.2	*100	3.45	7,509	
	-----do-----	-----do-----	-----do-----	--	--	May 1975	6.3	81.66	4.86	81	3.99	5,521	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1962	--	111	8.9	--	--	--	SCS
57-19	Site #3 (Ramones Arroyo)	Ramones Arroyo	-----do-----	1.17	1.16	Jan. 1969	6.3	69	5.5	*110	6.03	14,446	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1969	.7	37.5	3	*110	27.16	102,597	
57-20	North Salem Site #2	North Salem Arroyo	Salem, N. Mex.-----	3.8	3.8	Apr. 1957	--	204.71	*10.1	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1967	10.25	190.82	*9.4	98.5	.35	751	
57-21	Rodey (Hatch Valley Arroyo #5)	Rodey Arroyo	Hatch, N. Mex.-----	2.1	2.1	July 1958	--	170.91	15.4	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1967	9.1	141.25	12.7	85	1.55	2,869	
57-22	Bernalillo Retarding Dam #1	Piedra Lisa	Bernalillo, N. Mex.	4.1	4.07	Aug. 1955	--	310.6	3.55	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	May 1967	11.75	298.1	3.41	94.6	.26	537	
	-----do-----	-----do-----	-----do-----	--	--	Jan. 1976	9.25	293.99	3.36	90	1.09	181	
57-23	Pecos Arroyo (Sanquiljuela) Site #1	Pecos Arroyo	Las Vegas, N. Mex.	19.34	19.04	June 1965	--	1,732.7	8.4	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Feb. 1972	6.7	1,678.8	8.14	--	.42	--	SCS
57-24	Santa Cruz R. Wshd. Site #2	Encino Arroyo	Chimayo, N. Mex.---	1.56	1.54	Sept 1962	--	156	9.38	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Feb. 1971	1/8	46.1	2.77	--	8.94	--	FC
	-----do-----	-----do-----	-----do-----	--	--	June 1974	3	32.46	1.95	--	2.96	--	FC
57-25	Santa Cruz R. Wshd. Site #4	Martinez Arroyo	-----do-----	2.45	2.39	July 1962	--	241	18.45	--	--	--	FC
	-----do-----	-----do-----	-----do-----	--	--	Apr. 1975	1/13	123.87	9.45	87	3.77	7,150	
57-26	Santa Cruz R. Wshd. Site #5	Morada Arroyo	-----do-----	1.31	1.30	July 1962	--	138	29.7	--	--	--	FC
	-----do-----	-----do-----	-----do-----	--	--	Sept 1974	1/12	90.02	12.89	91	3.09	6,134	
UPPER PECOS RIVER BASIN													
58-1	Bonito-----	Bonito Cr., Kraut Gulch	Capitan, N. Mex.---	40	39.9	June 1931	--	1,180	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Sept 1940	9	1,150	--	--	.083	--	SCS
58-2a	Alamogordo-----	Pecos River	Ft. Sumner, N. Mex.	4,393	3,749	-- 1936	--	156,753	--	.946	--	--	ER
	-----do-----	-----do-----	-----do-----	--	--	Sept 1940	3.25	146,071	8.81	*73.5	.876	1,410	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1943	3.08	130,280	.786	--	--	--	
	-----do-----	-----do-----	-----do-----	--	--	Apr. 1944	.5	132,171	.797	*73.5	1.03	1,649	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1964	20.42	110,655	.668	*73.5	.281	450	
58-3a	Avalon (Lake Avalon)	-----do-----	Carlsbad, N. Mex.---	16,030	1,080	Apr. 1907	--	7,600	--	--	--	--	BR
	-----do-----	-----do-----	-----do-----	--	--	Apr. 1941	34	6,633	--	--	2/.0263	--	
	-----do-----	-----do-----	-----do-----	--	--	July 1956	15.25	5,647	--	76.7	.0599	--	

58-4a	McMillan (L. McMillan)--	do	do	14,950	14,950	Jan. 1894	--	91,000	.344	--	--	--	BR
	do	do	do	--	--	June 1904	10.42	79,000	.276	--	.116	--	
	do	do	do	--	--	Nov. 1910	6.42	61,500	.232	--	.12	--	
	do	do	do	--	--	May 1915	4.5	45,500	.172	--	.238	--	
	do	do	do	--	--	June 1925	10.08	42,000	.159	--	.023	--	
	do	do	do	--	--	Dec. 1932	7.5	40,500	.153	--	.013	--	
	do	do	do	--	--	Jan. 1940	7.08	36,655	.146	--	.017	--	
	do	do	do	--	--	July 1956	16.5	3/39,400	.149	--	4/62.4	--	
58-5a	Upper-Hondo Site #1	Rio Salado Creek	Capitan, N. Mex.	122	121.61	May 1959	--	4,972.14	--	--	--	--	SCS
	do	do	do	--	--	Oct. 1959	.42	4,946.54	--	.75	.65	1,060	
	do	do	do	--	--	May 1961	1.58	4,896.6	--	.75	.34	555	
	do	do	do	--	--	Mar. 1962	.83	4,818	--	.75	1.01	1,649	
	do	do	do	--	--	Feb. 1963	.92	4,796.41	--	.75	.25	406	
	do	do	do	--	--	Jan. 1965	1.92	4,749.54	.97	.75	.26	424	
	do	do	do	--	--	May 1972	7	4,322.3	.89	--	.5	--	
58-6	Bancroft #7	do	do	12	12	Feb. 1955	--	4.77	--	--	--	--	SCS
	do	do	do	--	--	Oct. 1965	10.67	3.52	--	.75	.01	16	
58-7	Bancroft #9	do	do	.57	.57	Feb. 1955	--	--	--	--	--	--	SCS
	do	do	do	--	--	Oct. 1965	10.67	1.59	--	.75	.92	1,500	
58-8	Bancroft #11	do	do	.69	.69	Feb. 1955	--	4.09	--	--	--	--	SCS
	do	do	do	--	--	Oct. 1965	10.67	1.59	--	.75	.34	554	
58-9	Pearson #6	do	do	.19	.19	Mar. 1955	--	2.21	--	--	--	--	SCS
	do	do	do	--	--	May 1957	2.17	1.6	--	.75	1.46	2,380	
	do	do	do	--	--	Apr. 1959	1.91	1.52	--	.75	.24	391	
	do	do	do	--	--	Oct. 1965	6.5	.49	--	.75	.83	1,352	SCS
58-10	Pearson #8	do	do	.24	.24	Mar. 1955	--	5.45	--	--	--	--	SCS
	do	do	do	--	--	Dec. 1956	1.75	4.3	--	.75	2.75	4,555	
	do	do	do	--	--	Jan. 1958	1.08	3.62	--	.75	2.63	4,280	
	do	do	do	--	--	Jan. 1959	1	3.02	--	.75	2.49	4,130	
	do	do	do	--	--	Oct. 1965	6.75	.55	--	.75	1.53	2,519	
58-11	Pearson #9	do	do	1.56	1.56	Nov. 1954	--	23.78	--	--	--	--	SCS
	do	do	do	--	--	Oct. 1965	10.92	16.05	--	.75	.45	734	
58-12	Pearson #10	do	do	.71	.71	Mar. 1955	--	20.19	--	--	--	--	SCS
	do	do	do	--	--	May 1957	2.17	18.04	--	.75	1.39	2,262	
	do	do	do	--	--	Jan. 1958	.67	17.99	--	.75	.14	228	
	do	do	do	--	--	Oct. 1958	.75	17.58	--	.75	.76	1,241	
	do	do	do	--	--	Oct. 1965	7	16.05	--	.75	.31	505	
58-13	Pearson #18	do	do	1.8	1.8	Mar. 1955	--	15.6	--	--	--	--	SCS
	do	do	do	--	--	Oct. 1965	10.67	2.2	--	.75	.7	1,142	
58-14	Pearson #20	do	do	5/.16	5/.16	Mar. 1955	--	6.55	--	--	--	--	SCS
	do	do	do	--	--	Oct. 1965	10.58	5.77	--	.75	.46	752	

COLORADO RIVER BASIN (BELOW HOOVER DAM)  
Williams and Lower Gila River Basins

GILA RIVER BASIN													
59-													
60-1	Lake Pleasant	Agua Fria River	Phoenix, Ariz.	1,450	1,444	Apr. 1928	--	184,500	--	--	--	--	SCS
	do	do	do	--	--	Feb. 1941	12.9	176,456	--	--	.432	--	
60-2a	San Carlos (Coolidge D.)	Gila River	Globe, Ariz.	12,900	*11,900	Nov. 1928	--	1,266,837	6,054	--	--	--	SCS
	do	do	do	--	--	Feb. 1935	6.3	1,232,725	5,891	--	.455	--	
	do	do	do	--	--	Jan. 1937	1.9	1,230,695	5,882	--	.09	--	
	do	do	do	--	--	Jan. 1947	10	1,209,343	5,78	--	.179	--	
	do	do	do	--	--	1966	19.6	1,170,118	5,592	--	.168	--	
60-3	Stock Tank #16 (Bryce D.)	Butler Wash	Eden, Ariz.	.69	.69	Mar. 1935	--	11.43	--	--	--	--	SCS
	do	do	do	--	--	1941	5.2	5.13	--	--	1.75	--	
60-4	Roosevelt-Salt R. Proj.	Salt R. & Tonto Creek	Globe, Ariz.	5,760	5,760	May 1909	--	1,522,200	1,886	--	--	--	BR
	do	do	do	--	--	Dec. 1914	5.7	1,495,460	1,853	.70	.819	1,248	
	do	do	do	--	--	Oct. 1916	1.8	1,460,150	1,809	.70	3.35	5,107	
	do	do	do	--	--	Sept 1925	8.9	1,425,813	1,767	.70	.67	1,021	
	do	do	do	--	--	Jan. 1935	9.3	1,418,013	1,757	.70	.145	221	
	do	do	do	--	--	Jan. 1939	4	1,398,430	1,733	.70	.85	1,296	
	do	do	do	--	--	Jan. 1945	7	1,381,580	1,712	.70	.418	637	
60-5	Allen	Trib. of Gila River	Thatcher, Ariz.	6/4.17	4.13	Jan. 1936	--	279	2,847	--	--	--	SCS
	do	do	do	--	--	June 1958	22	253	2,582	--	.27	--	
60-6	"D" Mt. Tank No. 1	Whitewater Draw	Douglas, Ariz.	.21	.21	1917	--	2.94	.516	--	--	--	SCS
	do	do	do	--	--	Nov. 1958	41	2.54	.446	.75	.05	82	
60-7	"D" Mt. No. 2	do	do	10.92	10.92	1938	--	2.55	.009	--	--	--	SCS
	do	do	do	--	--	Nov. 1958	20	.7	.002	.75	.008	13	
60-8	"D" Mt. No. 3	do	do	2.48	2.48	Sept 1947	--	14.7	.218	--	--	--	SCS
	do	do	do	--	--	Nov. 1958	7/7	0	0	.85	.85	1,573	
60-9	"D" Mt. No. 4	do	do	.36	.36	Mar. 1942	--	0.43	0	--	--	--	SCS
	do	do	do	--	--	Nov. 1958	2/12	0	--	.90	.1	196	
60-10	"D" Mt. No. 5	do	do	12.3	12.3	1943	--	3	.009	--	--	--	SCS
	do	do	do	--	--	Nov. 1958	8/5	2.7	.008	.75	.006	10	

1/ Runoff seasons.  
2/ Compacted sediment for 1,080 sq. mi.; values for 16,030 sq. mi. are given in appendix summaries.

3/ Increase in capacity due mainly to compaction.  
4/ Only surface samples (1.0-3.1 ft.) in approximately 1/3 of reservoir area below spillway crest.

5/ Drainage area is 100 ac. plus pipe flow from Pearson #11, which has a drainage area of 10 ac., plus pipe and emergency spillway flow from Pearson #18, which has a drainage area of 1.80 sq. mi.

6/ Drainage area includes 1.87 sq. mi. diverted from Hawk Hollow.  
7/ Reservoir was full of sediment in 1954.  
8/ Constructed 1943, cleaned 1953.  
9/ Estimated or assumed.



**SUMMARY OF  
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975**

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQ. MILES)		DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN		AGENCY SUPPLYING DATA
				TOTAL	NET						AC-FT.	TONS	
GILA RIVER BASIN (Continued)													
60-11	"D" Mt. Pond No. 6-----	Whitewater Draw-----	Douglass, Ariz.---	5.68	5.68	-- 1941 --	--	.8	.005	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1958	1/6	.6	.004	*75	.006	10	SCS
60-12	Dos Cabezas No. 4 SW----	Trib. Wilcox Dry Lake--	Dos Cabezas, Ariz.	.6	.6	-- 1949 --	--	6	.312	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1960	11	4.1	.214	*90	.29	559	SCS
60-13a	Dos Cabezas No. 15-----	-----do-----	-----do-----	.38	.38	-- 1949 --	--	4.7	.385	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1960	20	2.8	.23	*90	.26	510	SCS
60-14	Halfmoon-----	Trib. of Gila River----	Florence, Ariz.---	.2	.2	-- 1941 --	--	6.8	1.889	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	June 1960	19	3.9	1.083	*85	.75	1,388	SCS
60-15	Homestead-----	-----do-----	-----do-----	.9	.9	-- 1954 --	--	6	.368	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	June 1960	6	1.83	.112	*90	.78	1,530	SCS
60-16	Lower Foote Wash-----	Foote Wash-----	Safford, Ariz.---	4.8	2/.63	-- 1936 --	--	14.8	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	June 1958	22	13	--	--	.13	--	SCS
60-17	Magma No. 1-----	Magma Wash-----	Florence, Ariz.---	1.78	1.78	-- 1948 --	--	5.7	.176	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	May 1959	11	2.7	.084	*80	.15	261	SCS
60-18	Magma No. 2-----	-----do-----	-----do-----	.38	.38	Feb. 1954	--	1.6	.232	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	May 1959	5.4	1.3	.188	*85	.15	278	SCS
60-19a	Magma No. 3-----	-----do-----	-----do-----	21.9	*7	-- 1949 --	--	6	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	May 1959	10	3.8	--	*75	.03	49	SCS
60-20	Riggs-----	Trib. Wilcox Dry Lake--	Dos Cabezas, Ariz.	.6	.6	-- 1946 --	--	1.9	.099	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1960	14	1.4	.073	*80	.06	105	SCS
60-21	Upper Foote Wash-----	Foote Wash-----	Safford, Ariz.---	4.95	4.95	-- 1938 --	--	24.2	.209	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	June 1958	22	19.5	.168	--	.04	--	SCS
60-22	Whitlow Old Tank-----	Trib. of Gila River----	Florence, Ariz.---	.74	.74	-- 1950 --	--	3.4	.254	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	June 1960	10	1.8	.134	*85	.23	426	SCS
60-23a	Bartlett-----	Verde-----	Sunflower, Ariz.--	5,812	190	Feb. 1939	--	182,608	--	--	--	--	BR
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1942	3.5	179,480	--	--	3/.154	--	BR
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1950	8.33	4/179,548	--	--	--	--	BR
60-24a	Horseshoes-----	-----do-----	-----do-----	5,618	5,614	Nov. 1964	13.17	178,488	--	--	.424	--	BR
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1945	--	67,900	.241	--	--	--	BR
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1950	4.9	5/142,830	.507	--	.044	--	BR
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1963	13.1	139,238	.494	--	.049	--	BR
60-25	Foote Wash Pond #3-----	Trib. of Foote Wash----	Safford, Ariz.---	.6	.58	-- 1936* --	--	19.1	*1.705	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Jan. 1964	*28	17.1	*1.527	76.2	.12	199	SCS
60-26	Foote Wash Pond #4-----	Trib. of Gila River----	-----do-----	.33	.33	-- 1936* --	--	6.462	*1.049	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Jan. 1964	*28	5.325	*.864	72.6	.12	190	SCS
60-27	Williams-Chandler Pd. #1	Trib. of Queen Creek--	Florence Junction, Ariz.	1.09	1.09	-- 1931 --	--	2.1	.197	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	July 1961	30	1	.094	60	.033	43	SCS
60-28a	Williams-Chandler Pd. #2	-----do-----	-----do-----	.65	.65	-- 1944 --	--	10.82	1.56	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	July 1961	17	9.35	1.35	60	.13	174	SCS
	-----do-----	-----do-----	-----do-----	--	--	Jan. 1974	12.5	8.87	1.28	--	.06	--	SCS
60-29	Big Horn Mt. Tank #1----	Trib. Centennial Wash--	Tonopah, Ariz.---	.51	.51	June 1960	--	21.3	*7.83	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1964	4.3	21.06	*7.74	47.6	.11	114	SCS
60-30	Big Horn Mt. Tank #2----	-----do-----	-----do-----	.44	.44	July 1960	--	11.46	*4.88	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1964	4.3	11.26	*4.79	*50	.11	120	SCS
60-31	Centennial Wash Tank----	-----do-----	-----do-----	6/.6	6/.6	-- 1954* --	--	1.27	.397	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	May 1965	*11	.67	.209	91.97	.09	180	SCS
60-32	New Tank-----	-----do-----	-----do-----	6/1.88	6/1.88	-- 1945 --	--	7.61	.759	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	May 1965	20	4.08	.407	77.12	.094	158	SCS
60-33	West Tank-----	-----do-----	Salome, Ariz.---	.29	.29	June 1960	--	10.09	*6.51	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1964	4.3	9.93	*6.41	52.5	.13	149	SCS
60-34	Upper Twin Tank-----	Tiger Wash-----	Agua, Ariz.---	1.83	1.83	Oct. 1944*	--	2.21	*.228	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1964	20	7/1.68	*.173	46	.015	15	SCS
60-35	Harquahala Mt. Tank #1--	Trib. Brown's Canyon Wash	-----do-----	.11	.11	June 1958	--	6.54	*11.25	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1964	6.3	6.5	*11.02	*50	.18	196	SCS
60-36	Judia Wash Retarding Dam	Judia Wash-----	Solomon, Ariz.---	4.6	4.57	Jan. 1957	--	158.79	*1.849	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Jan. 1964	7	154.24	*1.796	76.9	.14	234	SCS
	-----do-----	-----do-----	-----do-----	--	--	July 1964	.6	153.16	*1.784	*76.9	.39	653	SCS

60-37a	Three Bar B Debris Basin	Trib. of Rock Creek	Roosevelt, Ariz.	.073	.073	Aug. 1959	--	8/23	.05	--	--	--	FS
	-do-	-do-	-do-	--	--	Oct. 1960	1.17	--	--	*110	9/18.77	9/44,969	
	-do-	-do-	-do-	--	--	Oct. 1961	1	--	--	*110	9/4.66	9/11,159	
	-do-	-do-	-do-	--	--	Oct. 1962	1	--	--	*110	0	0	
	-do-	-do-	-do-	--	--	Oct. 1964	2	--	--	*110	9/.55	9/1,313	
	-do-	-do-	-do-	--	--	Oct. 1965	1	--	--	*110	9/.14	9/328	
	-do-	-do-	-do-	--	--	Oct. 1966	1	--	--	*110	9/.27	9/656	
	-do-	-do-	-do-	--	--	Oct. 1967	1	--	--	*110	0	0	
	-do-	-do-	-do-	--	--	Oct. 1968	1	--	--	*110	9/.14	9/328	
	-do-	-do-	-do-	--	--	Oct. 1969	1	--	--	*110	0	0	
	-do-	-do-	-do-	--	--	Oct. 1970	1	--	--	*110	0	0	
60-38a	Three Bar C Debris Basin	-do-	-do-	.149	.149	Aug. 1959	--	8/.08	.002	--	--	--	FE
	-do-	-do-	-do-	--	--	Oct. 1960	1.17	--	--	*110	9/5.57	9/13,345	
	-do-	-do-	-do-	--	--	Oct. 1961	1	--	--	*110	9/.67	9/1,608	
	-do-	-do-	-do-	--	--	Oct. 1962	1	--	--	*110	9/.67	9/1,608	
	-do-	-do-	-do-	--	--	Oct. 1964	2	--	--	*110	0	0	
	-do-	-do-	-do-	--	--	Oct. 1965	1	--	--	*110	0	0	
	-do-	-do-	-do-	--	--	Oct. 1966	1	--	--	*110	9/.34	9/804	
	-do-	-do-	-do-	--	--	Oct. 1967	1	--	--	*110	0	0	
	-do-	-do-	-do-	--	--	Oct. 1968	1	--	--	*110	0	0	
	-do-	-do-	-do-	--	--	Oct. 1969	1	--	--	*110	0	0	
	-do-	-do-	-do-	--	--	Oct. 1970	1	--	--	*110	0	0	
60-39a	Three Bar D Debris Basin	-do-	-do-	.126	.126	Aug. 1959	--	8/.21	.01	--	--	--	FS
	-do-	-do-	-do-	--	--	Oct. 1960	1.17	--	--	*110	9/12.7	9/30,427	
	-do-	-do-	-do-	--	--	Oct. 1961	1	--	--	*110	9/3.73	9/8,937	
	-do-	-do-	-do-	--	--	Oct. 1962	1	--	--	*110	9/.63	9/1,521	
	-do-	-do-	-do-	--	--	Oct. 1964	2	--	--	*110	9/.04	9/95	
	-do-	-do-	-do-	--	--	Oct. 1965	1	--	--	*110	9/.08	9/190	
	-do-	-do-	-do-	--	--	Oct. 1966	1	--	--	*110	9/.08	9/190	
	-do-	-do-	-do-	--	--	Oct. 1967	1	--	--	*110	0	0	
	-do-	-do-	-do-	--	--	Oct. 1968	1	--	--	*110	0	0	
	-do-	-do-	-do-	--	--	Oct. 1969	1	--	--	*110	0	0	
	-do-	-do-	-do-	--	--	Oct. 1970	1	--	--	*110	0	0	
60-40a	Three Bar F Debris Basin	-do-	-do-	.107	.107	Mar. 1963	--	8/.04	.004	--	--	--	FE
	-do-	-do-	-do-	--	--	Oct. 1963	.51	--	--	*110	0	0	
	-do-	-do-	-do-	--	--	Oct. 1964	1	--	--	*110	9/.37	9/886	
	-do-	-do-	-do-	--	--	Oct. 1965	1	--	--	*110	9/.09	9/224	
	-do-	-do-	-do-	--	--	Oct. 1966	1	--	--	*110	9/.19	9/448	
	-do-	-do-	-do-	--	--	Oct. 1967	1	--	--	*110	0	0	
	-do-	-do-	-do-	--	--	Oct. 1968	1	--	--	*110	0	0	
	-do-	-do-	-do-	--	--	Oct. 1969	1	--	--	*110	0	0	
	-do-	-do-	-do-	--	--	Oct. 1970	1	--	--	*110	10/.08	10/2,016	
60-41a	Bennett 14	Walnut Gulch	Tombstone, Ariz.	.6	.6	June 1961	--	18	.75	--	--	--	SCS
	-do-	-do-	-do-	--	--	June 1967	6	17	.71	--	.33	539	
	-do-	-do-	-do-	--	--	July 1973	6	16	.67	--	.20	327	
60-42a	Cowan 7	-do-	-do-	.4	.4	June 1963	--	14	1.9	--	--	12	196
	-do-	-do-	-do-	--	--	June 1967	4	13.8	1.8	--	75	.25	408
	-do-	-do-	-do-	--	--	Jan. 1973	6	13.1	1.7	--	--	--	0
60-43	Horsechief Basin	Horsechief Canyon	Crown King, Ariz.	.85	.85	Apr. 1934	--	42.4	.44	--	--	--	FS
	-do-	-do-	-do-	--	--	Nov. 1969	36	35.6	.37	--	.22	--	
60-44	Lynx Lake	Lynx Creek	Prescott, Ariz.	18.14	*10	Nov. 1962	--	1,472	1.07	--	--	--	FS
	-do-	-do-	-do-	--	--	Nov. 1968	6	1,460	1.06	--	--	1.97	
60-45	Granite Basin	Mint Wash	-do-	4.69	*4.69	-- 1939	--	89	*.32	--	--	--	FS
	-do-	-do-	-do-	--	--	Aug. 1967	28	58	*.21	--	--	2.36	
60-46	Keller Tank	Trib. Verde River	Scottsdale, Ariz.	.06	.06	Apr. 1941	--	29.2	1.529	*1.91	--	--	SCS
	-do-	-do-	-do-	--	--	Aug. 1970	--	--	--	--	--	.09	
60-47	Galleta Tank	Trib. Cent. Wash	Tonopah, Ariz.	.66	.645	June 1939	--	21	6.63	74.8	.21	342	SCS
	-do-	-do-	-do-	--	--	Apr. 1967	27.9	--	--	--	--	--	
60-48	Wellick Tank	Trib. Flying "E" Wash	Wickenburg, Ariz.	.79	.77	May 1956	--	79.1	20.87	--	--	--	SCS
	-do-	-do-	-do-	--	--	Sept 1970	14.3	77.3	20.39	94.1	.16	328	
60-49	Pouquette Tank	Trib. Cemetery Wash	-do-	.13	.129	May 1965	--	.99	1.59	--	--	--	SCS
	-do-	-do-	-do-	--	--	Dec. 1970	5.6	.91	1.46	88.2	.1	192	
60-50	Frye Creek (No. 3)	Frye Creek	Thatcher, Ariz.	26	21.4	Apr. 1963	--	2,194	3.8	--	--	--	SCC
	-do-	-do-	-do-	--	--	May 1968	5	2,109.5	3.7	78.7	.79	1,354	
	-do-	-do-	-do-	--	--	May 1974	6	2,107.7	3.7	89.2	.014	178	

LITTLE COLORADO AND SAN JUAN RIVER BASINS

61-1	Oak Creek Reservoir	Trib. of Zuni River	Zuni, N. Mex.	9.41	9.41	Oct. 1954	--	334.8	1,425	--	--	--	GS
	-do-	-do-	-do-	--	--	May 1960	11/6	148	.63	--	3.32	--	
61-2b	Millet Swale Reservoir	Trib. of Silver Creek	Taylor, Ariz.	40	39.7	June 1959	--	1,342	2.1	--	--	--	SCS
	-do-	-do-	-do-	--	--	June 1962	3	1,259.4	1.97	67	.69	1,012	
	-do-	-do-	-do-	--	--	June 1966	4	1,118.5	1.75	80	.89	1,693	
	-do-	-do-	-do-	--	--	July 1972	6	969.2	1.51	83.6	.63	1,215	
61-3	Stockyard Tank	Trib. Cottonwood Wash	Snowflake, Ariz.	.48	.476	-- 1943	--	6.04	*.79	--	--	--	SCS
	-do-	-do-	-do-	--	--	May 1968	25	4.02	*.52	101.6	.17	376	
61-4	Thomas Tank I	-do-	-do-	.55	.549	-- 1947	--	3.09	*.35	--	--	--	SCS
	-do-	-do-	-do-	--	--	June 1968	21	1.38	*.16	77.9	.15	250	

1/ Constructed 1941, cleaned 1952.  
2/ This reservoir is downstream from Upper Foote Wash Reservoir. Little or no sediment is contributed from the 4.17 sq. mi. above this dam.  
3/ Based on total drainage area of 5,812 sq. mi. before construction of Horseshoe Dam upstream.  
4/ Increase in capacity probably due to compaction.  
5/ Capacity increased 76,130 ac.-ft. by installation of spillway gates in June 1950.  
6/ Drainage area is smallest area that could be positively delineated.

7/ Storage capacity at original spillway crest elevation - storage capacity at eroded spillway elevation 0.53 ac.-ft.  
8/ Basin cleaned as needed to maintain capacity.  
9/ Includes sediment trapped above spillway level.  
10/ Basin filled during storm of 9-5-70 and undetermined amount of sediment escaped from pond.  
11/ Runoff seasons.  
\* Estimated or assumed.

SUMMARY OF  
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES)		DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN		AGENCY SUPPLYING DATA
				TOTAL	NET						AC.-FT.	TONS	
LITTLE COLORADO AND SAN JUAN RIVER BASINS (Continued)													
61-5	Ellsworth Tank-----	Trib. Show Low Creek---	Taylor, Ariz.-----	.25	.249	-- 1948	--	1.5	*.23	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	Aug. 1968	20	1.27	*.19	80	--	.044	79
61-6	New Tank-----	Trib. Cottonwood Wash---	Snowflake, Ariz.---	2.45	2.45	-- 1938	--	10.13	*.35	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	May 1968	30	9.1	*.14	87.7	--	.014	27
61-7	West Hall Tank-----	-do-----	Clay Springs, Ariz.---	.32	.32	-- 1944	--	.76	*.09	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	June 1968	24	.61	*.07	93.4	--	.02	41
61-8	Thomas Tank II-----	Trib. Perkins Spr. Draw---	-do-----	.1	.1	June 1964	--	1.39	*.52	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	July 1966	4	1.35	*.5	89.3	.1	.194	
COLORADO RIVER BASIN (HALLS CROSSING TO HOOVER DAM)													
62-1a	Lake Mead (Hoover Dam)---	Colorado River-----	Boulder City, Nev. 167,800	167,600	Feb. 1935	--	32,471,000	2.8	--	--	--	--	GS
	-do-----	-do-----	-do-----	--	--	Sept 1948	13.7	31,047,000	2.67	2/65	--	.621	879
	-do-----	-do-----	-do-----	--	--	Oct. 1964	16	29,755,000	2.56	60	--	.482	572
62-2	Brooksbey Tank-----	Trib. of Johnson Wash---	Fredonia, Ariz.---	.4	.4	-- 1951	--	.697	.327	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	Sept 1965	3/14	.14	.066	97	3/10	.211	
62-3	Riggs Flat Charco-----	Sandy Canyon Wash---	-do-----	57.86	57.83	Oct. 1956	--	54.93	.178	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	Sept 1965	8.9	36.58	.119	72	--	.035	55
62-4	Leroy Judd Tank-----	Trib. of Kanab Creek---	-do-----	.38	.38	-- 1952	--	.98	.468	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	Aug. 1965	3	.22	.108	105.7	--	.63	1,450
62-5	Kaibab Indian Reserva- tion Erosion Control Structure.	-do-----	Indian Moccasin, Ariz.	1.27	1.27	-- 1935	--	6.008	.887	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	Oct. 1965	30	2.247	.332	87.2	--	.098	186
62-6	Jesse Judd Tank-----	-do-----	Fredonia, Ariz.---	4/3.49	4/3.49	-- 1955	--	7.1	--	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	Aug. 1965	5/10	2.77	--	*80	--	.12	209
62-7	Frog Hollow Detention Res.	Frog Hollow Wash---	Hurricane, Utah---	9.2	9.2	Jan. 1957	--	223	*1.517	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	Jan. 1958	*1	216.4	*1.472	*80	--	.72	1,255
	-do-----	-do-----	-do-----	--	--	Nov. 1965	7.8	140.8	*.958	*80	--	1.05	1,830
62-8	OCC Pond (West)-----	Trib. Santa Clara River---	St. George, Utah---	.03	.03	-- 1941	--	--	--	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	Apr. 1966	25	*.2	*.63	92	6/23	.461	
62-9	OCC Pond (East)-----	-do-----	-do-----	.32	.32	-- 1941	--	--	--	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	Apr. 1966	25	*.2	*.06	90	6/10.17	.33	
62-10	Rondo Ruesch Debris Basin #2	Trib. Virgin River---	-do-----	.026	.026	-- 1944	--	--	--	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	Feb. 1966	22	*1.5	*5.3	*90	6/3.35	6,566	
62-11	Rondo Ruesch Debris Basin #1	-do-----	-do-----	.09	.09	-- 1944	--	--	--	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	Feb. 1966	22	*1	*1	*90	6/1.61	1,196	
62-12	Iliff Andrus-----	Trib. Warner Draw---	-do-----	1.09	1.08	-- 1949	--	--	--	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	Jan. 1966	17	*20	*2.2	78	6/1.76	1,290	
62-13	Winfred Spendlove-----	Trib. Fort Pearce Wash---	-do-----	.85	.84	-- 1946	--	--	--	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	Mar. 1966	20	*7	*1.1	87.5	6/1.42	800	
62-14	Black Knolls-----	Trib. City Creek---	-do-----	.59	.58	-- 1922	--	--	--	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	Nov. 1965	43	*20	*3.2	*75	--	.34	555
62-15	Little Grassy Pond-----	Unknown-----	-do-----	2.3	2.3	-- 1943	--	--	--	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	Mar. 1966	23	*2	--	94	6/1.043	.88	
62-16	Bill Snow Pond-----	Trib. Santa Clara River---	-do-----	.057	.057	-- 1956	--	--	--	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	June 1966	10	*2	*3.3	72	6/1.79	2,820	
62-17	Manganese Wash-----	Manganese Wash---	-do-----	.17	.17	-- 1956	--	--	--	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	Apr. 1966	10	*1	*.2	80	6/1.38	.662	
62-18	Hollinger Debris Basin---	Meadow Valley Wash---	Pioche, Nev.-----	200	200	-- 1962	--	7/437.1	*.2	--	--	--	SCS
	-do-----	-do-----	-do-----	--	--	July 1962	10	383.7	*.18	*80	--	.03	52
COLORADO RIVER BASIN (ABOVE HALLS CROSSING) Gunnison, Dolores and Fremont River Basins													
63-1	Badger Detention (14)---	Badger Wash-----	Mack, Colo.-----	1.53	* 1.49	May 1957	--	201.52	3.336	--	--	--	GS
	-do-----	-do-----	-do-----	--	--	Nov. 1958	1.6	199.35	3.3	--	--	.91	
	-do-----	-do-----	-do-----	--	--	Nov. 1959	1	196.27	3.25	--	--	2.07	
	-do-----	-do-----	-do-----	--	--	Nov. 1961	2	190.38	3.152	--	--	1.97	
63-2	Badger Wash West Twin (2A)	-do-----	-do-----	.167	.165	Dec. 1953	--	6.3	.957	--	--	--	GS
	-do-----	-do-----	-do-----	--	--	July 1955	1.6	4.47	.679	--	--	6.91	
	-do-----	-do-----	-do-----	--	--	Nov. 1956	1.4	4.47	.679	--	--	0	
	-do-----	-do-----	-do-----	--	--	Oct. 1957	1	3.98	.605	--	--	2.97	
	-do-----	-do-----	-do-----	--	--	Nov. 1958	1	3.98	.605	--	--	0	
	-do-----	-do-----	-do-----	--	--	Nov. 1959	1	3.65	.555	--	--	2	
	-do-----	-do-----	-do-----	--	--	Nov. 1961	2	2.43	.369	--	--	3.7	

63-3	Badger Wash Lower Oil Well (3A)	-----do-----	-----do-----	.059	.055	Dec. 1953	--	12.9	4.813	--	--	--	GS
	-----do-----	-----do-----	-----do-----	--	--	July 1955	1.6	12.65	4.72	--	2.91	--	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1956	1.4	12.65	4.72	--	0	--	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1957	1	12.55	4.683	--	1.82	--	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1958	1	12.55	4.683	--	0	--	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1959	1	12.33	4.601	--	4	--	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1961	2	12.12	4.522	--	0	--	
	-----do-----	-----do-----	-----do-----	--	--	Apr. 1954	--	4.54	1.135	--	1.82	--	
63-4	East Basin (11)	-----do-----	-----do-----	.089	.087	Nov. 1956	2.6	4.92	1.025	--	2.3	--	GS
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1957	1	4.76	.992	--	1.84	--	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1959	2	4.65	.969	--	.69	--	
63-5	Middle Basin (12)	-----do-----	-----do-----	.092	.088	Apr. 1954	--	16.93	2.996	--	--	--	GS
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1956	2.6	15.87	2.809	--	4.66	--	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1957	1	15.38	2.722	--	5.57	--	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1959	2	15.33	2.712	--	.34	--	
63-6b	Prairie Dog (4A)	Trib. Badger Wash	-----do-----	.022	.022	Dec. 1953	--	3.05	4.46	--	--	--	GS
	-----do-----	-----do-----	-----do-----	--	--	July 1955	1.6	2.64	3.77	*90	11.8	23,130	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1956	1.3	2.64	3.77	*90	0	--	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1957	1	2.49	3.56	*90	6.82	13,365	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1958	1.1	2.49	3.56	*90	0	--	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1959	1	2.43	3.47	*90	2.73	5,346	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1961	2	2.28	3.26	*90	3.18	6,682	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1963	2	2.17	3.1	*90	2.27	4,900	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1964	1	2.03	2.8	*90	6.36	12,474	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1965	1	1.82	2.6	*90	9.55	18,711	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1966	1	1.91	2.73	*90	--	--	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1967	1	1.8	2.57	*90	5.5	9,801	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1968	1	1.66	2.37	*90	6.36	10,494	
	-----do-----	-----do-----	-----do-----	--	--	June 1970	1.6	8/2.52	3.6	*90	0	--	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1970	1.4	2.5	3.57	*90	2.27	4,455	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1971	1	2.44	3.48	*90	2.73	5,357	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1972	1	2.41	3.44	*90	1.36	2,666	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1973	1	2.42	3.46	*90	0	0	
63-7	Southeast (13)	Badger Wash	-----do-----	.484	.477	Apr. 1954	--	27.25	1.854	--	--	--	GS
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1956	2.6	24.85	1.69	--	1.93	--	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1957	1	23.44	1.595	--	2.96	--	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1959	2	22.26	1.514	--	1.24	--	
63-8b	Upper Hanks (1A)	Trib. Badger Wash	-----do-----	.066	.066	Dec. 1953	--	8.3	3.81	--	--	--	GS
	-----do-----	-----do-----	-----do-----	--	--	July 1955	1.6	7.59	3.88	*90	6.68	13,094	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1956	1.3	7.59	2.56	*90	0	--	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1957	1	7.34	3.37	*90	3.78	7,425	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1958	1.1	7.34	3.37	*90	0	--	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1959	1	7.04	3.23	*90	4.55	9,061	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1961	2	6.7	3.07	*90	2.73	5,198	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1963	2	6.59	3.02	*90	.83	1,634	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1964	1	6.55	3	*90	.6	1,188	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1965	1	6.1	2.84	*90	6.82	13,365	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1966	1	6.16	2.82	*90	9/--	--	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1967	1	6	2.75	*90	2.41	4,752	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1968	1	5.48	2.51	*90	7.84	15,444	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1969	1	5.54	2.54	*90	9/--	--	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1970	1	5.54	2.54	*90	0	0	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1971	1	5.28	2.42	*90	3.94	7,722	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1972	1	5.33	2.44	*90	9/--	--	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1973	1	5.22	2.39	*90	1.66	3,254	
63-9a	West Twin (2-A)	-----do-----	-----do-----	.148	.148	Dec. 1953	--	6.3	1.31	--	--	--	GS
	-----do-----	-----do-----	-----do-----	--	--	July 1955	1.6	4.38	.91	*90	8.1	15,878	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1956	1.3	4.38	.91	*90	0	--	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1957	1	3.9	.81	*90	3.24	6,357	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1958	1.1	3.9	.81	*90	0	--	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1959	1	10/15.08	3.13	*90	1.49	2,914	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1961	2	13.86	2.88	*90	4.12	8,079	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1963	2	13.52	2.8	*90	1.15	2,252	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1964	1	12.39	2.57	*90	7.64	14,966	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1965	1	12.06	2.5	*90	2.23	4,371	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1966	1	12.1	2.51	*90	9/--	--	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1967	1	11.53	2.39	*90	3.85	7,549	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1968	1	10.56	2.09	*90	6.55	12,847	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1969	1	10.64	2.1	*90	9/--	--	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1970	1	10.64	2.21	*90	9/--	0	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1971	1	10.74	2.23	*90	9/--	0	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1972	1	10.59	2.2	*90	1.01	1,980	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1973	1	10.69	2.22	*90	9/--	--	

1/ Not adjusted for numerous small reservoirs.  
2/ Based on measured and estimated sediment inflow of 2,000,000,000 tons in 13.7 yr. period.  
3/ Estimated effective life of pond is 5 yr. 1951 - 1956.  
4/ Reservoir is off main channel. Estimate reservoir intercepts 1/3 of flow and sediment from total drainage area.  
5/ Effective life of reservoir is estimated at 8 yr. Storm in 1963 filled reservoir and changed channel course.

6/ Includes deposition above spillway crest level.  
7/ Sediment pool only.  
8/ Reservoir cleaned in June 1970.  
9/ Capacity increase.  
10/ Dam and spillway raised in 1959.  
\* Estimated or assumed.

**SUMMARY OF  
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975**

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQ. MILES)		DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN		AGENCY SUPPLYING DATA
				TOTAL	NET						AC.-FT.	TONS	
COLORADO RIVER BASIN (ABOVE HALLS CROSSING) Gunnison, Dolores, and Fremont River Basins (Continued)													
63-10a	Oil Well (3-A)	Trib. of Badger Wash	Mack, Colo.	.059	.059	Dec. 1953	--	12.92	5.71	--	--	--	GS
	do	do	do	--	--	July 1955	1.6	12.18	5.39	*90	7.8	15,289	
	do	do	do	--	--	Nov. 1956	1.3	12.18	5.39	*90	0	--	
	do	do	do	--	--	Oct. 1957	--	11.9	5.26	*90	4.75	9,302	
	do	do	do	--	--	Nov. 1958	1.1	11.9	5.26	*90	0	--	
	do	do	do	--	--	Nov. 1959	1	11.64	5.15	*90	4.4	8,638	
	do	do	do	--	--	Nov. 1961	2	11.31	5	*90	2.71	5,482	
	do	do	do	--	--	Nov. 1963	2	11.25	4.98	*90	.51	997	
	do	do	do	--	--	Nov. 1964	1	11.21	4.96	*90	.68	1,329	
	do	do	do	--	--	Nov. 1965	1	10.73	4.75	*90	6.14	15,947	
	do	do	do	--	--	Oct. 1966	1	10.82	4.79	*90	1/-	--	
	do	do	do	--	--	Oct. 1967	1	10.62	4.7	*90	3.39	6,645	
	do	do	do	--	--	Nov. 1968	1	10.15	4.49	*90	7.96	15,615	
	do	do	do	--	--	Nov. 1969	1	10.13	4.48	*90	.34	664	
	do	do	do	--	--	Oct. 1970	1	9.99	4.42	*90	2.38	4,651	
	do	do	do	--	--	Nov. 1971	1	9.95	4.4	*90	.68	1,329	
	do	do	do	--	--	Nov. 1972	1	9.91	4.38	*90	.68	1,329	
	do	do	do	--	--	Oct. 1973	1	9.84	4.35	*90	1.19	2,333	
63-11a	Windy Point (4-B)	do	do	.019	.019	Dec. 1953	--	4.52	9.62	--	--	--	GS
	do	do	do	--	--	July 1955	1.6	4.31	9.17	*90	6.85	13,427	
	do	do	do	--	--	Nov. 1956	1.3	4.31	9.17	*90	0	--	
	do	do	do	--	--	Oct. 1957	1	4.19	8.91	*90	6.32	12,380	
	do	do	do	--	--	Nov. 1958	1.1	4.19	8.91	*90	0	--	
	do	do	do	--	--	Nov. 1959	1	4.16	8.85	*90	1.58	3,095	
	do	do	do	--	--	Nov. 1961	2	4.14	8.9	*90	.53	1,032	
	do	do	do	--	--	Nov. 1963	2	4.12	8.76	*90	.53	1,032	
	do	do	do	--	--	Nov. 1964	1	4.03	8.57	*90	4.74	9,285	
	do	do	do	--	--	Nov. 1965	1	3.89	8.28	*90	7.37	14,443	
	do	do	do	--	--	Nov. 1966	1	3.89	8.28	*90	0	--	
	do	do	do	--	--	Oct. 1967	1	3.81	8.11	*90	4.21	8,253	
	do	do	do	--	--	Nov. 1968	1	3.74	7.96	*90	3.68	7,222	
	do	do	do	--	--	Nov. 1969	1	3.83	8.15	*90	1/-	--	
	do	do	do	--	--	Oct. 1970	1	3.83	8.15	*90	0	0	
	do	do	do	--	--	Oct. 1971	1	3.83	8.15	*90	0	0	
	do	do	do	--	--	Nov. 1972	1	3.82	8.13	*90	.53	1,039	
	do	do	do	--	--	Oct. 1973	1	3.81	8.11	*90	.53	1,039	
63-12a	Yucca (2-B)	do	do	.158	.158	Dec. 1953	--	8.45	2.14	--	--	--	GS
	do	do	do	--	--	July 1955	1.6	6.05	1.53	*90	9.5	18,622	
	do	do	do	--	--	Nov. 1956	1.3	6.05	1.53	*90	0	--	
	do	do	do	--	--	Oct. 1957	1	5.94	1.5	*90	.7	1,365	
	do	do	do	--	--	Nov. 1958	1.1	5.94	1.5	*90	0	--	
	do	do	do	--	--	Nov. 1959	1	2/24.8	6.28	*90	2.15	2,840	
	do	do	do	--	--	Nov. 1961	2	24.18	6.12	*90	1.96	3,846	
	do	do	do	--	--	Nov. 1963	2	23.89	6.05	*90	.95	1,110	
	do	do	do	--	--	Nov. 1964	1	23.45	5.94	*90	2.78	5,459	
	do	do	do	--	--	Nov. 1965	1	23.15	5.86	*90	1.9	3,722	
	do	do	do	--	--	Nov. 1966	1	23.23	5.88	*90	1/-	--	
	do	do	do	--	--	Oct. 1967	1	22.86	5.79	*90	2.34	4,590	
	do	do	do	--	--	Nov. 1968	1	21.88	5.54	*90	6.2	12,158	
	do	do	do	--	--	Nov. 1969	1	22.12	5.6	*90	1/-	--	
	do	do	do	--	--	Oct. 1970	1	22.12	5.6	*90	0	0	
	do	do	do	--	--	Nov. 1971	1	22.16	5.61	*90	1/-	--	
	do	do	do	--	--	Nov. 1972	1	22.13	5.6	*90	.19	372	
	do	do	do	--	--	Oct. 1973	1	22.01	5.57	*90	.76	1,490	
63-13a	North Basin (3-B)	do	do	.048	.048	Dec. 1953	--	8.1	4.6	--	--	--	GS
	do	do	do	--	--	July 1955	1.6	7.69	4.37	*90	5.42	10,624	
	do	do	do	--	--	Nov. 1956	1.3	7.69	4.37	*90	0	--	
	do	do	do	--	--	Oct. 1957	1	7.58	4.31	*90	2.29	4,492	
	do	do	do	--	--	Nov. 1958	1.1	7.58	4.31	*90	0	--	
	do	do	do	--	--	Nov. 1959	1	7.51	4.27	*90	1.46	2,859	
	do	do	do	--	--	Nov. 1961	2	7.38	4.19	*90	1.46	2,654	
	do	do	do	--	--	Nov. 1963	2	7.1	4.03	*90	2.92	5,717	



**SUMMARY OF  
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975**

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES)		DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN		AGENCY SUPPLYING DATA
				TOTAL	NET						AC-FT.	TONS	
COLORADO RIVER BASIN (ABOVE HALLS CROSSING) Gunnison, Dolores and Fremont River Basins (Continued)													
63-19	Lexen Creek Weir	Lexen Creek	Fraser, Colo.	.48	.48	Oct. 1955	--	--	--	--	--	--	FS
	do	do	do	--	--	Oct. 1956	1	--	--	--	.005	10	
	do	do	do	--	--	Oct. 1957	1	--	--	--	.009	18	
	do	do	do	--	--	Oct. 1958	1	--	--	--	.011	21	
	do	do	do	--	--	Oct. 1959	1	--	--	--	.002	4	
	do	do	do	--	--	Oct. 1960	1	--	--	--	.002	4	
	do	do	do	--	--	Oct. 1961	1	--	--	--	.0003	1	
	do	do	do	--	--	Oct. 1962	1	--	--	--	.005	9	
	do	do	do	--	--	Oct. 1963	1	--	--	--	.0002	0	
	do	do	do	--	--	Oct. 1964	1	--	--	--	.002	3	
	do	do	do	--	--	Oct. 1965	1	--	--	--	.003	6	
	do	do	do	--	--	Oct. 1966	1	--	--	--	.002	2	
	do	do	do	--	--	Oct. 1967	1	--	--	--	.001	2	
	do	do	do	--	--	Oct. 1968	1	--	--	--	.001	2	
	do	do	do	--	--	Oct. 1969	1	--	--	--	.001	2	
	do	do	do	--	--	Oct. 1970	1	--	--	--	.002	4	
63-20	East St. Louis Cr. Weir	East St. Louis Creek	do	3.1	3.1	Oct. 1964	1	--	--	--	--	--	FS
	do	do	do	--	--	Oct. 1965	1	--	--	*100	.002	5	
	do	do	do	--	--	Oct. 1966	1	--	--	*100	.001	1	
	do	do	do	--	--	Oct. 1967	1	--	--	*100	.002	3	
	do	do	do	--	--	Oct. 1968	1	--	--	*100	.002	4	
	do	do	do	--	--	Oct. 1969	1	--	--	*100	.001	3	
	do	do	do	--	--	Oct. 1970	1	--	--	*100	.002	4	
63-21	RW-1 Roatcap Wash Wshd.	Roatcap Wash	Olathe, Colo.	11.6	11.5	Dec. 1964	--	829.6	*7	--	--	--	SCS
	do	do	do	--	--	Nov. 1970	6	810	*6.9	--	.28	--	
63-22	Cheyenne Retention Res.	Indian Wash	Grand Junction, Colo.	.22	.22	-- 1965	--	15.5	2.2	--	--	--	SCS
	do	do	do	--	--	Oct. 1975	10	14.3	2	--	.55	--	
63-23	Cherokee Retention Res.	do	do	.31	.31	-- 1965	--	20	2.4	--	--	--	SCS
	do	do	do	--	--	Oct. 1975	10	19.1	2.3	--	.29	--	
63-24	Chippewa Retention Res.	do	do	.24	.24	-- 1965	--	6.8	.9	--	--	--	SCS
	do	do	do	--	--	Oct. 1975	10	5.45	.7	--	.57	--	
63-25	Choctaw Retention Res.	do	do	1.12	1.11	-- 1965	--	32.5	.78	--	--	--	SCS
	do	do	do	--	--	Oct. 1975	10	21	.5	--	1.03	--	
63-26	Creek Retention Res.	do	do	.4	.4	-- 1965	--	14.1	1.1	--	--	--	SCS
	do	do	do	--	--	Oct. 1975	10	11.7	.9	90	.61	1,190	
63-27	Pacna Reservoir	Muddy Creek	Somerset, Colo.	246	236	Dec. 1961	--	20,950	.21	--	--	--	BR
	do	do	do	--	--	Feb. 1969	7	20,214	.2	--	.427	--	
GREEN RIVER BASIN													
64-1	Duck Fork	Ferron Creek	Ferron, Utah	3.56	3.56	-- 1942	--	718	*.236	--	--	--	SCS
64-2	South Soda Creek Weir	South Soda Creek	Steamboat Springs, Colo.	3.4	3.4	Oct. 1962	20	1/870	*.286	*60	.14	183	
	do	do	do	--	--	Oct. 1967	--	--	--	--	--	--	FS
	do	do	do	--	--	Oct. 1968	1	--	--	*135	.005	13	
	do	do	do	--	--	Oct. 1969	1	--	--	*135	.0003	1	
	do	do	do	--	--	Oct. 1970	1	--	--	*135	.005	15	
64-3	North Fish Creek Weir	North Fish Creek	do	2.24	--	Oct. 1968	--	--	--	--	--	--	FS
	do	do	do	--	--	Oct. 1969	1	--	--	*135	.001	2	
	do	do	do	--	--	Oct. 1970	1	--	--	*135	.004	12	
64-4	West Walton Creek Weir	Trib. Walton Creek	do	1.33	1.33	Oct. 1967	--	--	--	--	--	--	FS
	do	do	do	--	--	Oct. 1968	1	--	--	*110	.016	36	
	do	do	do	--	--	Oct. 1969	1	--	--	*110	.006	15	
	do	do	do	--	--	Oct. 1970	1	--	--	*110	.02	48	
64-5	Bullwinkle	Trib. Brush Creek	Vernal, Utah	.11	.11	-- 1965	--	--	--	--	--	--	SCS
64-6	Rock Canyon	Rock Canyon	do	1.41	1.41	Oct. 1968	30	*5	--	*70	2/.79	1,204	
	do	do	do	--	--	-- 1936	--	--	--	--	--	--	SCS
64-7	Niles Haslem Pond	Trib. Steinaker Draw	do	.095	.095	Oct. 1968	22	*5	--	*60	.011	14	
	do	do	do	--	--	-- 1952	--	--	--	--	--	--	SCS
64-8	Manser Reservoir	Trib. Twelve Mile Wash	do	.65	.65	Sept 1967	15	*2	--	*70	2/.67	1,021	
	do	do	do	--	--	-- 1942	--	--	--	--	--	--	SCS
	do	do	do	--	--	May 1968	26	*8	--	*90	2/.23	450	

## GREAT SALT LAKE BASIN

65-1	East Canyon-----	East Canyon Creek-----	Morgan, Utah-----	144	144	--	1896	--	3/3,850	.098	--	--	--	BF
	--do-----	--do-----	--do-----	--	--	Oct.	1954	58	28,730	.733	4/77.1	--	.124	208
65-2	Echo-----	Weber River-----	Echo, Utah-----	732	732	Oct.	1930	--	75,718	.373	--	--	--	BF
	--do-----	--do-----	--do-----	--	--	Oct.	1954	24	73,900	.364	4/71	--	.104	161
65-3a	Santaquin Debris Basin--	Summit Creek-----	Santaquin, Utah-----	17.65	13.5	Fall	1954	--	*84	.008	--	--	--	SCS
	--do-----	--do-----	--do-----	--	--	Dec.	1957	3	*65	.006	*90	--	.47	921

## SEVIER RIVER BASIN

66-1	Booby Hole-----	Booby Hole Creek-----	Koosharem, Utah--	5	4.9	--	1895	--	607	--	--	--	--	SCS
	--do-----	--do-----	--do-----	--	--	Oct.	1940	75	598	--	--	--	.024	SCS
66-2	Indian Creek No. 1-----	Indian Creek-----	Beaver, Utah-----	12	11.95	--	1898	--	318	--	--	--	--	SCS
	--do-----	--do-----	--do-----	--	--	Nov.	1940	42	299	--	--	--	.038	SCS
66-3	Rocky Ford-----	Beaver River-----	--do-----	510	508	Feb.	1915	--	23,280	--	--	--	--	SCS
	--do-----	--do-----	--do-----	--	--	Nov.	1940	25.8	21,509	--	--	--	.134	SCS
66-4	Rocky Ford-----	Sevier River-----	Sigurd, Utah-----	900	900	--	1890	--	2,115	--	--	--	--	SCS
	--do-----	--do-----	--do-----	--	--	Nov.	1940	50	780	--	--	--	.029	SCS
66-5	Skutumpah-----	Skutumpah Creek-----	Salina, Utah-----	10	9.92	--	1893	--	667	--	--	--	--	SCS
	--do-----	--do-----	--do-----	--	--	Nov.	1940	47	430	--	--	--	.500	SCS
66-6	Enterprise-----	Pine Creek-----	Enterprise, Utah--	25	23.4	--	1909	--	9,000	--	--	--	--	SCS
	--do-----	--do-----	--do-----	--	--	Nov.	1930	31	8,550	--	--	--	.62	SCS
66-7	Yankee Meadows-----	Pole Creek-----	Parowan, Utah-----	7	6.9	Dec.	1926	--	2,500	--	--	--	--	SCS
	--do-----	--do-----	--do-----	--	--	Nov.	1940	14	2,200	--	--	--	3.1	SCS
66-8	Piute-----	Sevier River-----	Marysville, Utah--	2,440	2,436	5/--	1910	--	81,200	--	--	--	--	SCS
	--do-----	--do-----	--do-----	--	--	--	1938	28	74,010	--	--	--	.106	SCS
66-9	Sevier Bridge-----	--do-----	Nephi, Utah-----	5,120	1,089	--	1908	--	250,000	--	--	--	--	SCS
	--do-----	--do-----	--do-----	--	--	--	1932	24	234,462	--	--	--	.594	SCS
66-10	Chalk Cr. Debris Basin--	Chalk Creek-----	Fillmore, Utah-----	60.8	*60	July	1936	5	44.12	.002	*70	6/.73	1,113	SCS
	--do-----	--do-----	--do-----	--	--	--	1946	10	0	0	*75	7/.14	229	SCS
66-11a	Fiddlers Canyon Debris Basin	Fiddlers Canyon-----	Cedar City, Utah--	12.6	12.6	Mar.	1955	8.5	0	0	75	--	--	SCS
	--do-----	--do-----	--do-----	--	--	--	1947	--	--	--	--	--	--	SCS
66-12b	Mill Canyon Retarding Structure	Mill Canyon-----	Glenwood, Utah--	18.92	13.72	Nov.	1956	9	*15	*.089	*70	8/.145	221	SCS
	--do-----	--do-----	--do-----	--	--	Dec.	1959	--	223.99	2.22	--	--	--	SCS
	--do-----	--do-----	--do-----	--	--	Dec.	1960	1.5	202.29	2.2	84.9	1.05	1,960	SCS
	--do-----	--do-----	--do-----	--	--	May	1963	2.42	202.03	2	84.9	.01	18	SCS
	--do-----	--do-----	--do-----	--	--	May	1968	5	199.64	1.98	84.9	.03	74	SCS
66-13	Sand "H" Canyon Debris Basin	Sand Canyon-----	Monroe, Utah-----	3	2.98	Sept	1974	6.33	191.11	1.89	84.9	10	185	SCS
	--do-----	--do-----	--do-----	--	--	June	1971	--	136	8.5	--	--	--	SCS
	--do-----	--do-----	--do-----	--	--	Oct.	1971	.33	119.1	7.3	*80	19.24	33,522	SCS

## GREAT BASIN (NORTHWESTERN PART IN CALIFORNIA, NEVADA AND OREGON)

GREAT BASIN Humboldt, Carson, and Truckee River Basins														
68-1	Willow Creek-----	Willow Creek-----	Elko, Nev.-----	112	111	--	1924	--	15,300	--	--	--	--	SCS
	--do-----	--do-----	--do-----	--	--	Sept	1939	15	15,050	--	--	--	.15	SCS
68-2	Elko Summit Res. No. 1--	(ephemeral)-----	--do-----	1.25	1.25	Mar.	1941	--	7.44	.223	--	--	--	SCS
	--do-----	--do-----	--do-----	--	--	Aug.	1963	22.4	6.38	.192	66	.04	58	SCS
68-3	Elko Summit Res. No. 2--	--do-----	--do-----	.63	.63	Aug.	1945	--	5.45	.324	--	--	--	SCS
	--do-----	--do-----	--do-----	--	--	Aug.	1963	18	4.96	.295	66.9	.05	73	SCS
68-4	Dorsey Creek Reservoir--	Dorsey Creek-----	--do-----	9.16	9.14	Oct.	1952	--	13	.358	--	--	--	SCS
	--do-----	--do-----	--do-----	--	--	Sept	1963	10.9	128	.35	56.9	8/.12	8/149	SCS

## OWENS, WALKER, AND MONO LAKE DRAINAGES

69-1	Weber-----	Walker River-----	Shurz, Nev.-----	2,800	2,440	Sept	1935	--	13,200	--	--	--	--	SCS
	--do-----	--do-----	--do-----	--	--	Sept	1939	4	12,980	--	--	--	.02	SCS

## SALTON SEA AND SOUTHERN CALIFORNIA COASTAL AND GREAT BASIN DRAINAGE

70-1b	Fullerton Flood-Control Basin	Fullerton Creek-----	Brea, Calif.-----	9/5.05	9/4.95	Oct.	1941	--	753.5	3.39	--	--	--	CE
	--do-----	--do-----	--do-----	--	--	Nov.	1944	3.1	743	3.35	--	1.11	--	CE
	--do-----	--do-----	--do-----	--	--	Mar.	1962	17.3	706.3	3.18	--	.42	--	CE
70-2	Lake Hodges-----	San Dieguito River-----	Esccondido, Calif.--	303	301	June	1919	8.25	10/763.8	3.44	--	--	--	SCS
	--do-----	--do-----	--do-----	--	--	Jan.	1919	--	36,601	--	--	--	--	SCS
	--do-----	--do-----	--do-----	--	--	July	1935	16.5	34,779	--	--	--	--	SCS
	--do-----	--do-----	--do-----	--	--	July	1948	13	33,482	--	*65	.365	517	SCS
70-3	Railroad Canyon-----	San Jacinto River-----	Elsinore, Calif.--	718	651	May	1928	--	12,218	--	--	.532	470	SCS
	--do-----	--do-----	--do-----	--	--	June	1939	11	12,034	--	*60	.03	39	SCS

1/ Dam was raised about 6 ft. in 1952.  
 2/ Includes above crest deposits.  
 3/ Formed by original rock-filled dam 58 feet high, which was subsequently raised in 1900, 1902 and 1916.  
 4/ Computed from Size analysis.  
 5/ Original survey made in 1908.  
 6/ Basin filled with sediment by one summer flash flood.

7/ Has no meaning as a large portion of the sediment passed through the basin.  
 8/ Includes some deposition above crest of spillway.  
 9/ Drainage area and sediment contributing area were increased when Loftus diversion channel was completed on Dec. 21, 1954.  
 10/ Capacity increased by excavation.  
 \* Estimated or assumed.



**SUMMARY OF  
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975**

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQ. MILES)		DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN		AGENCY SUPPLYING DATA
				TOTAL	NET						AC.-FT.	TONS	
SALTON SEA AND SOUTHERN CALIFORNIA COASTAL AND GREAT BASIN DRAINAGE (Continued)													
70-4	Lake Sherwood-----	Triunfo Creek-----	Hollywood, Calif.-	16	15.7	-- 1905 --	--	2,870	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Mar. 1936	31	2,792	--	*50	.16	174	
	-----do-----	-----do-----	-----do-----	--	--	Mar. 1938	2	2,772	--	--	.64	697	
70-5	Stone Canyon-----	Stone Canyon Creek---	Sawtelle, Calif.--	1.36	1.16	May 1921 --	--	7,998	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	June 1939	18.1	7,949	--	*60	2.34	3,058	
70-6	Bonita Canyon-----	Bonita Creek-----	Orange, Calif.---	4	4	Jan. 1938 --	--	326	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	June 1939	1/2	305	--	*60	2.63	3,437	
70-7	Bouquet Canyon-----	Bouquet Creek-----	San Fernando, CA--	12.6	11.6	Mar. 1934 --	--	36,500	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	June 1939	1/5	36,436	--	*40	1.1	958	
70-8a	Chatsworth-----	Trib. Los Angeles River---	-----do-----	5.4	4.45	Apr. 1918 --	--	10,125	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	June 1939	21	10,077	--	*40	.51	444	
70-9	Lake Hemet-----	Trib. San Jacinto River---	Hemet, Calif.---	66	65.3	-- 1892 --	--	14,000	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	June 1940	48	11,702	--	*75	.73	1,190	
70-10	Laguna-----	Trib. of Newport Bay---	Orange, Calif.---	.75	.72	Feb. 1938 --	--	274	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	June 1939	1/2	266	--	*40	5.56	4,840	
70-11	Encino-----	Encino Creek-----	Los Angeles, Calif.	1.42	1.3	May 1921 --	--	3,229	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	June 1939	18	3,210	--	*40	.815	710	
70-12	Fairmont-----	Antelope Valley River---	Lancaster, Calif.--	2.64	2.37	Oct. 1913 --	--	7,487	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	June 1939	1/26	7,393	--	--	1.53	--	
70-13b	Little Rock Irrigation Dist.	Little Rock Creek-----	Palmdale, Calif.--	68	67.84	Apr. 1924 --	--	4,217	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Jan. 1936	1/11	4,139	--	*85	.1	185	
	-----do-----	-----do-----	-----do-----	--	--	June 1938	3	3,648	--	--	2.41	4,460	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1943	5	3,494	--	--	.72	1,330	
	-----do-----	-----do-----	-----do-----	--	--	Dec. 1946	3	3,352	--	--	.25	460	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1951	5	3,297	--	*85	.15	278	
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1953	2.2	3,313	--	*85	2/--	2/--	
70-14c	Live Oak Dam-----	Live Oak Creek-----	LaVerne, Calif.---	2.3	2.3	1919 --	--	247	--	--	0	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Mar. 1929	6.3	247	--	--	--	--	
	-----do-----	-----do-----	-----do-----	--	--	Mar. 1936	7	242	--	--	.31	--	
	-----do-----	-----do-----	-----do-----	--	--	May 1938	2.1	228	--	--	2.9	--	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1952	14.5	221	--	--	.21	--	
	-----do-----	-----do-----	-----do-----	--	--	Dec. 1961	9	170	--	--	2.46	--	
	-----do-----	-----do-----	-----do-----	--	--	Dec. 1962	1	166	--	--	1.74	--	
	-----do-----	-----do-----	-----do-----	--	--	Mar. 1967	4.3	4/221.8	1.33	--	2.83	--	
	-----do-----	-----do-----	-----do-----	--	--	Jan. 1969	1.75	197.1	1.11	--	6.13	--	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1970	1.75	251.1	1.13	--	5.7	--	
70-15	Morena-----	Cottonwood Creek-----	San Diego, Calif.-	112	109.4	Mar. 1910 --	--	66,767	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Dec. 1935	25.7	60,699	--	*60	2.16	2,823	
	-----do-----	-----do-----	-----do-----	--	--	July 1948	12.6	58,933	--	--	1.28	1,673	
70-16b	Prado Flood-Control Res.	Santa Ana River-----	Corona, Calif.---	2,233	1,131	Sept 1941 --	--	222,840	--	--	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1960	18.9	216,360	--	--	--	--	
70-17	Mockingbird Canyon S/	Mockingbird Canyon---	Arlington, Calif.--	11.6	11.5	-----do-----	--	*1,000	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----	--	--	Mar. 1940	26	961	--	*60	.13	170	
70-18c	Hansen Flood-Control Basin	Tujunga Creek-----	San Fernando, Calif.	147	146	Sept 1940 --	--	35,800	2.06	--	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	July 1941	.8	35,200	2.02	--	4.1	--	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1943	2.3	34,100	1.96	--	3.78	--	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1945	2.1	33,500	1.92	--	2.06	--	
	-----do-----	-----do-----	-----do-----	--	--	Jan. 1962	16.2	33,265	1.91	--	.1	--	
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1969	7.58	29,700	1.71	--	3.22	--	
70-19	Brea F. C. Basin-----	Brea Creek-----	Fullerton, Calif.--	23.4	23.1	Mar. 1942 --	--	4,168	3.97	--	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1949	7.5	4,097	3.9	--	.41	--	
70-20c	Cogswell (San Gabriel Dam #2)	San Gabriel River-----	Azusa, Calif.---	39.2	39	Apr. 1935 --	--	12,881	--	--	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Jan. 1936	.8	12,298	--	--	--	--	
	-----do-----	-----do-----	-----do-----	--	--	Apr. 1938	2.2	10,786	--	--	17.6	--	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1939	1.6	11,029	--	--	109/--	--	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1940	1	11,032	--	--	--	--	
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1941	1	10,915	--	--	4.79	--	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1943	1.9	10,501	--	--	5.59	--	
	-----do-----	-----do-----	-----do-----	--	--	Jan. 1945	1.2	10,536	--	--	--	--	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1946	1.7	10,597	--	--	109/--	--	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1947	1	10,634	--	--	--	--	
	-----do-----	-----do-----	-----do-----	--	--	Dec. 1957	10.2	10,585	--	--	--	--	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1958	.7	10,446	612	--	2.48	--	

	do	do	do			Nov. 1962	4.1	10,228	.643		1.4	
	do	do	do			June 1966	3.7	9,999	.642		1.62	
70-21e	San Gabriel Dam No. 1	do	do	203	7/203	Mar. 1969	2.75	9,339	.512		6.15	
	do	do	do			1927		8/53,344				
	do	do	do			Oct. 1938	.9	47,191			28.3	
	do	do	do			Nov. 1940	2.1	46,335			1.68	
	do	do	do			Sept 1941	.8	45,862				
	do	do	do			Oct. 1942	1	45,759			.43	
	do	do	do			Sept 1943	1	44,032			7.13	
	do	do	do			Oct. 1944	1.1	44,368				
	do	do	do			Nov. 1945	1	44,342			.19	
	do	do	do			Nov. 1948	3	43,825			.97	
	do	do	do			Nov. 1951	3	43,928			.23	
	do	do	do			Jan. 1953	1.2	43,853			.94	
	do	do	do			May 1954	1.3	44,013			.127	
	do	do	do			Aug. 1958	4.3	44,614			.193	
	do	do	do			Sept 1961	3.1	44,366			.329	
	do	do	do			Nov. 1962	1.2	43,642		.51	2.49	
	do	do	do			Dec. 1965	3.1	42,371		.49	2.02	
	do	do	do			Apr. 1966	.3	42,075		.51		
	do	do	do			Aug. 1967	1.3	40,697		.46	5.22	
	do	do	do			Feb. 1969	1.5	38,778		.45	8.86	
	do	do	do			May 1969	.25	36,748		.42		
	do	do	do			Oct. 1969	1.42	37,822		.43		
	do	do	do			Oct. 1970	1	41,549		.48		
	do	do	do			Sept 1972	1.92	41,526		.48		
70-22b	Morris Reservoir	do	do	211.3	9/210.7	Oct. 1973	1.08	46,554		.54	.06	
	do	do	do			Jan. 1934		39,316				
	do	do	do			Jan. 1936	2.1	38,692		.45	1.41	
	do	do	do			Feb. 1938	2.1	37,175		.43	3.43	
	do	do	do			Oct. 1938	.7	36,655		.43	3.53	
	do	do	do			Dec. 1949	11.2	35,174		.41	.63	
	do	do	do			Sept 1956	6.8	34,861		.41	.22	
	do	do	do			Nov. 1960	4.2	33,827		.4	1.17	
	do	do	do			Jan. 1967	6.2	32,961		.39	.66	
70-23b	San Dimas F. C. Basin	San Dimas Wash	San Dimas, Calif.	16.2	16.1	Oct. 1970	3.8	30,085		.35	3.59	
	do	do	do			Sept 1922		4/1,496				
	do	do	do			Dec. 1935	13.2	1,373			.58	
	do	do	do			Oct. 1938	2.9	1,155			4.67	
	do	do	do			Nov. 1939	1	1,089				
	do	do	do			Dec. 1941	2.1	1,145			1.3	
	do	do	do			Oct. 1943	1.9	1,071			2.42	
	do	do	do			Nov. 1944	1	1,042			1.8	
	do	do	do			Oct. 1954	9.8	1,025			.11	
	do	do	do			Nov. 1961	7.1	705		.25	2.8	
	do	do	do			Apr. 1962	.4	729		.28		
	do	do	do			Apr. 1966	4.3	1,254		.49	16	
	do	do	do			Apr. 1967	7	1,129		.25		
	do	do	do			Jan. 1969	1.75	847		.32	10	
	do	do	do			Feb. 1969	.08	756		.29		
70-24c	Puddingstone Diversion D	do	do	19.9	10/19.7	Nov. 1970	1.75	1,515		.47	1.12	
	do	do	do			Oct. 1929		4/148		.06		
	do	do	do			Jan. 1936	6.25	121		.05	1.66	
	do	do	do			Mar. 1938	2.17	50		.02	12.58	
	do	do	do			Nov. 1939	1.66	76		.03		
	do	do	do			Oct. 1942	2.92	101		.04		
	do	do	do			Sept 1944	1.92	112		.05		
	do	do	do			Jan. 1952	7.33	119		.05		
	do	do	do			Sept 1953	1.67	138		.06		
	do	do	do			Sept 1962	9	203		.09	.28	
	do	do	do			May 1966	3.67	125		.05	1.07	
	do	do	do			Oct. 1967	1.41	200		.08	2.03	
	do	do	do			Jan. 1969	1.25	74		.02	5.13	
	do	do	do			Mar. 1969	.17	42		.02		
70-25a	Puddingstone Dam F. C. Basin	Puddingstone Creek	do	32.2	11/11	Nov. 1970	1.66	156.3		.07	1.69	
	do	do	do			-- 1915	--	17,398		--	--	
	do	do	do			-- 1927	0	17,398		--	--	
70-26c	Big Dalton F. C. Basin	Big Dalton Creek	Glendora, Calif.	4.5	4.5	Jan. 1941	13	17,190		--	1.45	
	do	do	do			Jan. 1930		4/1,944		--		
	do	do	do			Sept 1931	1.7	1,039		--	20.26	
	do	do	do			Jan. 1935	3.3	1,053		--		
	do	do	do			Mar. 1938	3.1	969		--	6.02	
	do	do	do			Sept 1943	5.5	953		--	.65	
	do	do	do			Oct. 1944	1	952		--	.22	

1/ Based on runoff seasons.

2/ Not computed because of scour during period.

3/ Normal operation began 1922.

4/ Sediment removed at various times.

5/ Equalizing reservoir on Gage Canal System obtaining water from the Santa

Ana River

6/ No record of quantities sluiced.

7/ Includes San Gabriel Dams drainage area 39.2 sq. mi. as sediment is sluiced into San Gabriel Dam 1 drainage area.

8/ Storage capacity is regained by sluicing at various times.  
9/ Includes Cogswell and San Gabriel Dam #1. (Drainage area 203 sq. mi.)  
Sediment sluiced into this area.

10/ Includes San Dimas drainage area (16.2 sq. mi.). Sediment sluiced into this area.

11/ 21.1 sq. mi. controlled by San Dimas, Live Oak Dam, and Puddingstone Diversion Dams.

\* Estimated or assumed.

**SUMMARY OF  
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975**

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES)		DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN		AGENCY SUPPLYING DATA
				TOTAL	NET						AC-FT.	TONS	
SALTON SEA AND SOUTHERN CALIFORNIA COASTAL AND GREAT BASIN DRAINAGE (Continued)													
						Oct. 1958	14	951			.02		
						Nov. 1961	3.1	880	1.25		5.09		
						Jan. 1962	.2	869	1.24				
						Aug. 1966	4.7	752	1.14		5.53		
						Apr. 1967	.7	692	1.05				
						Jan. 1969	1.75	515	.78		.225		
						Mar. 1969	.17	452	.68				
70-27c	Big Santa Anita F. C. Basin	Santa Anita Creek	Arcadia, Calif.	10.8	10.8	-- 1923	--	1/1,376	--	--	--	--	CE
						2/Feb. 1935	7.9	1,068	--	--	3.61	--	
						Feb. 1936	1	1,014	--	--	5	--	
						July 1938	2.4	686	--	--	12.6	--	
						Feb. 1940	1.6	710	--	--	7.16	--	
						Feb. 1942	2	771	--	--	1.43	--	
						Mar. 1943	1.1	568	--	--	11.2	--	
						Sept 1943	.5	604	--	--		--	
						Jan. 1944	.7	897	--	--		--	
						Jan. 1947	2.7	728	--	--	.44	--	
						Dec. 1952	5.9	728	--	--	.22	--	
						July 1954	1.6	584	--	--	9.15	--	
						Feb. 1956	1.5	613	--	--	1.3	--	
						Sept 1958	2.6	587	--	--	3.31	--	
						Apr. 1962	3.6	630	.16	--	1.9	--	
						Sept 1966	4.4	352	.14	--	3.09	--	
						Oct. 1968	2.1	600	.14	--		--	
						Mar. 1969	.42	258	.06	--		--	
						Nov. 1970	1.67	836	.16	--	.94	--	
70-28c	Big Tujunga F. C. Basin	Big Tujunga Creek	Sanland, Calif.	82.3	82.2	-- 1931	--	1/6,240	--	--	--	--	CE
						May 1938	6.9	4,724	--	--	2.65	--	
						Oct. 1959	1.5	4,488	--	--	2	--	
						Feb. 1940	.3	4,568	--	--	2.64	--	
						July 1941	1.5	4,425	--	--	7.33	--	
						Feb. 1943	1.5	4,043	--	--	3.1	--	
						Apr. 1943	.2	4,236	.28	--		--	
						June 1944	1.1	4,235	.28	--	2.19	--	
						Oct. 1953	9.3	4,099	.27	--	.16	--	
						June 1958	4.8	4,123	.27	--	.28	--	
						July 1962	4.1	4,065	.26	--	.4	--	
						Oct. 1966	4.25	3,819	.25	--	6.03	--	
						Feb. 1969	2.33	2,758	.18	--		--	
						Oct. 1970	1.57	6,027	.39	--		--	
70-29c	Devil's Gate F. C. Basin	Arroyo Seco River	Pasadena, Calif.	31.9	31.7	-- 1916	--	1/4,601	--	--	--	--	CE
						June 1933	13	4,554	--	--	.11	--	
						Sept 1934	1.2	4,127	--	--	11.15	--	
						Jan. 1935	.3	3,996	--	--	13.69	--	
						June 1936	3.5	2,967	--	--	2.22	--	
						Jan. 1942	3.6	2,728	--	--	5.02	--	
						Jan. 1943	1.7	2,504	.98	--	2.08	--	
						Fall 1948	5.7	2,561	.39	--	1.25	--	
						July 1952	3.8	2,630	.4	--	1.86	--	
						Sept 1955	3.3	2,709	.41	--	.53	--	
						Dec. 1959	4.2	2,639	.45	--	.48	--	
						May 1961	1.4	2,886	.44	--	4.87	--	
						May 1962	1	2,749	.42	--	9.59	--	
						Sept 1966	4.3	2,598	.5	--	4.2	--	
						Nov. 1969	3.2	2,002	.3	--	7.32	--	
						Dec. 1971	2.08	1,928	.29	--	1.12	--	
70-30e	Eaton Wash (Eaton Wash Dam)	Eaton Creek		9.5	9.4	-- 1936	--	1/955	--	--	--	--	CE
						Feb. 1937	1	945	--	--	1.17	--	
						May 1938	1.3	698	--	--	20.2	--	
						Dec. 1938	.6	699	--	--		--	
						Oct. 1940	1.8	711	--	--		--	
						Aug. 1941	.8	681	--	--		--	
						Sept 1942	1.1	722	--	--		--	
						Oct. 1943	1.1	632	.29	--	12.7	--	
						Oct. 1944	1	607	.27	--	2.7	--	
						Oct. 1946	2	674	.31	--	0	--	
						June 1947	.7	661	.3	--	2	--	

	do	do	do			June 1950	3	665	.3		0	
	do	do	do			Jan. 1952	1.6	703	.32		.1	
	do	do	do			May 1957	5.3	655	.3		1	
	do	do	do			Nov. 1958	1.5	725	.33		.5	
	do	do	do			Sept. 1961	2.9	807	.37		2.48	
	do	do	do			Oct. 1963	2	828	.37		.53	
	do	do	do			Feb. 1964	.2	872.8	.4			
	do	do	do			Apr. 1966	2.2	769.7	.35		4.98	
	do	do	do			July 1967	1.3	758.4	.34		6.49	
	do	do	do			Dec. 1969	2.4	879	.4		11.3	
	do	do	do			Sept. 1973	3.75	784	.35		2.63	
	do	do	do			July 1975	1.83	832	.36		8.31	
70-31d	Pacoima F. C. Basin	Pacoima Canyon	San Fernando, CA	28.2	28.2	Oct. 1929		1/6,060				CE
	do	do	do			Jan. 1936	6.3	5,592			2.63	
	do	do	do			Mar. 1938	2.2	5,004			9.47	
	do	do	do			Oct. 1942	4.6	4,837			1.29	
	do	do	do			Dec. 1944	2.1	4,714			2.84	
	do	do	do			Oct. 1954	9.8	4,787			.15	
	do	do	do			June 1958	3.8	4,681			2.97	
	do	do	do			May 1962	3.9	4,681			.64	
	do	do	do			Aug. 1966	4.25	4,453		.73	1.06	
	do	do	do			Mar. 1969	2.56	3,841		.61	8.4	
	do	do	do			Oct. 1971	2.58	5,929		.62		
70-32	Santiago	Santiago Creek	Villa Park, Calif.	63	62.1	Dec. 1931		25,000		1,619		CE
	do	do	do			Sept. 1948	16.8	24,840		1,609	.15	
70-33b	Sawpit F. C. Basin	Sawpit Creek	Monrovia, Calif.	3.3	3.3	3/ Oct. 1923		1/476				CE
	do	do	do			Oct. 1923	8.3	389			3.13	
	do	do	do			May 1938	2.6	320			8.05	
	do	do	do			May 1941	3	342			2.94	
	do	do	do			Dec. 1943	2.6	322			3.03	
	do	do	do			Mar. 1954	10.2	305			.51	
	do	do	do			Sept. 1959	3.5	282			3.03	
	do	do	do			May 1962	2.7	271.8		.52	1.91	
	do	do	do			May 1964	2.2	261		.51	5.09	
	do	do	do			July 1966	1.9	284.3		.55	3.82	
	do	do	do			May 1967	.7	269.2		.48		
	do	do	do			Nov. 1969	2.7	391		.47	16.39	
70-34c	Sierra Madre Debris Dam	Little Santa Anita Cr.	Sierra Madre, CA	2.39	2.39	Feb. 1926		1/				CE
	do	do	do			Nov. 1939	11.83				.92	
	do	do	do			Jan. 1944	4.17				1.42	
	do	do	do			Mar. 1954	10.17				2.24	
	do	do	do			Sept. 1965	15.5				.15	
	do	do	do			Sept. 1974	5				1.52	
	do	do	do			Sept. 1975	1				5.32	
70-35c	Thompson Cr. F. C. Basin	Thompson Creek	Claremont, Calif.	3.5	3.5	1916		1/692		3.51		CE
	do	do	do			Oct. 1932	5/4.6	643		3.26	3.04	
	do	do	do			Jan. 1945	10.3	612		3.11	.86	
	do	do	do			Sept. 1954	11.7	571		2.9	1	
	do	do	do			Jan. 1957	3.3	566			.86	
	do	do	do			June 1957	3.4	570			2.85	
	do	do	do			Dec. 1959	1.5	578		2.93		
	do	do	do			July 1962	2.6	554			2.64	
	do	do	do			Feb. 1967	4.6	510			2.73	
	do	do	do			Feb. 1969	2	448			2.27	
	do	do	do			Nov. 1972	3.75	503		2.55		
70-36c	Wilbur Ave. Debris Basin	Aliso Creek	Northridge, Calif.	8.63	8.63	June 1942		1/			1/	CE
	do	do	do			Sept. 1943	1.33				2.37	
	do	do	do			Sept. 1944	1				2.72	
	do	do	do			Sept. 1947	3				.65	
	do	do	do			Sept. 1950	3				.25	
	do	do	do			Sept. 1952	2				2.09	
	do	do	do			Sept. 1957	5				.47	
	do	do	do			Sept. 1960	3				.9	
	do	do	do			Sept. 1962	2				1.29	
	do	do	do			Sept. 1965	3				.41	
	do	do	do			Sept. 1966	1				3.99	
	do	do	do			Sept. 1967	1				2.35	
	do	do	do			Sept. 1968	1				2.17	
	do	do	do			Sept. 1969	1				2.72	
	do	do	do			Sept. 1971	1				1/1.34	
70-37b	Altadena Debris Basin	Rubio Wash	Altadena, Calif.	.55	.65	Sept. 1948		1/			1/1.34	CE
	do	do	do			Sept. 1948	1				1.92	
	do	do	do			Sept. 1949	1				1.95	
	do	do	do			Sept. 1950	1				1.58	
	do	do	do			Mar. 1952	1.5				1.75	
	do	do	do			Feb. 1956	3.9				1.11	
	do	do	do			Sept. 1957	1.6				1.23	
	do	do	do			Apr. 1958	.6				8.97	
	do	do	do			Sept. 1959	1.4				2.57	

1/ Sediment is removed at various times by sluicing and/or excavation.

2/ Date normal operation began - Mar. 1927.

3/ Date normal operation began - June 1927.

4/ Sedimentation values as computed by Los Angeles County FCD are based on complete water year.

5/ Storage and surface area assumed same at time of initial normal operations, Mar. 1928, as in 1916 survey.

\* Estimated or assumed.

**SUMMARY OF  
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975**

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQ. MILES)		DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT.)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN		AGENCY SUPPLYING DATA
				TOTAL	NET						AC. FT.	TONS	
SALTON SEA AND SOUTHERN CALIFORNIA COASTAL AND GREAT BASIN DRAINAGE (Continued)													
70-38d	Bailey Debris Dam	Bailey Channel	Sierra Madre, CA	.6	.6	Dec. 1954	--	1/--	--	--	--	--	CE
	do	do	do	--	--	Sept 1959	4.83	--	--	--	2/7.88	--	
	do	do	do	--	--	Sept 1962	3	--	--	--	3.82	--	
	do	do	do	--	--	Sept 1968	6.	--	--	--	.86	--	
	do	do	do	--	--	Sept 1971	5	--	--	--	1.72	--	
	do	do	do	--	--	Sept 1972	1	--	--	--	33.88	--	
70-39c	Brand Debris Basin	Brand Canyon Channel	La Canada, Calif.	1.03	1.03	Sept 1940	5	1/--	--	--	2/.58	--	CE
	do	do	do	--	--	Sept 1941	1	--	--	--	.63	--	
	do	do	do	--	--	Sept 1942	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1943	1	--	--	--	1.86	--	
	do	do	do	--	--	Sept 1944	1	--	--	--	.19	--	
	do	do	do	--	--	Sept 1945	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1946	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1947	1	--	--	--	.09	--	
	do	do	do	--	--	Sept 1948	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1949	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1950	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1952	2	--	--	--	1.59	--	
	do	do	do	--	--	Sept 1964	12	--	--	--	1.17	--	
	do	do	do	--	--	Sept 1965	1	--	--	--	27.86	--	
	do	do	do	--	--	Sept 1970	5	--	--	--	2.87	--	
70-40d	Dunsmuir Debris Basin	Dunsmuir Canyon Channel	Tujunga, Calif.	.84	.84	Sept 1936	1	1/--	--	--	2/.69	--	CE
	do	do	do	--	--	Sept 1938	2	--	--	--	.29	--	
	do	do	do	--	--	Sept 1940	2	--	--	--	8.14	--	
	do	do	do	--	--	Sept 1941	1	--	--	--	8.74	--	
	do	do	do	--	--	Sept 1942	1	--	--	--	10.3	--	
	do	do	do	--	--	Sept 1943	1	--	--	--	2.87	--	
	do	do	do	--	--	Sept 1944	1	--	--	--	.56	--	
	do	do	do	--	--	Sept 1945	1	--	--	--	3.13	--	
	do	do	do	--	--	Sept 1946	1	--	--	--	1.15	--	
	do	do	do	--	--	Sept 1947	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1948	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1949	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1950	1	--	--	--	4.07	--	
	do	do	do	--	--	Sept 1952	2	--	--	--	.36	--	
	do	do	do	--	--	Sept 1954	2	--	--	--	3.17	--	
	do	do	do	--	--	Sept 1959	6	--	--	--	1.58	--	
	do	do	do	--	--	Sept 1970	11	--	--	--	.51	--	
	do	do	do	--	--	Sept 1975	5	--	--	--	2/21.2	--	CE
70-41c	Eagle Debris Basin	Eagle Canyon	La Crescenta, CA	.61	.61	Sept 1938	2	1/--	--	--	11.7	--	
	do	do	do	--	--	Sept 1939	1	--	--	--	7.03	--	
	do	do	do	--	--	Sept 1941	2	--	--	--	.34	--	
	do	do	do	--	--	Sept 1942	1	--	--	--	15.7	--	
	do	do	do	--	--	Sept 1943	1	--	--	--	4.59	--	
	do	do	do	--	--	Sept 1944	1	--	--	--	1.11	--	
	do	do	do	--	--	Sept 1945	1	--	--	--	.59	--	
	do	do	do	--	--	Sept 1946	1	--	--	--	.41	--	
	do	do	do	--	--	Sept 1947	1	--	--	--	.07	--	
	do	do	do	--	--	Sept 1948	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1949	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1950	1	--	--	--	2.66	--	
	do	do	do	--	--	Sept 1952	2	--	--	--	.02	--	
	do	do	do	--	--	Aug. 1956	3.9	--	--	--	1.67	--	
	do	do	do	--	--	Sept 1960	4.1	--	--	--	2.05	--	
	do	do	do	--	--	Sept 1961	1	--	--	--	5.28	--	
	do	do	do	--	--	Sept 1965	5	--	--	--	5.87	--	
	do	do	do	--	--	Sept 1970	4	--	--	--	2/46.4	--	CE
70-42d	Fair Oaks Debris Basin	Fair Oaks Canyon	Altadena, Calif.	.21	.21	Sept 1936	1	1/--	--	--	47.6	--	
	do	do	do	--	--	Sept 1938	2	--	--	--	3.9	--	
	do	do	do	--	--	Sept 1941	3	--	--	--	4.8	--	
	do	do	do	--	--	Sept 1943	2	--	--	--	.24	--	
	do	do	do	--	--	Sept 1944	1	--	--	--	1.71	--	
	do	do	do	--	--	Sept 1945	1	--	--	--		--	

	do	do	do			Sept 1946	1					2.86	
	do	do	do			Sept 1947	1					1.95	
	do	do	do			Sept 1948	1					.019	
	do	do	do			Sept 1949	1					0	
	do	do	do			Sept 1950	1					0	
	do	do	do			Sept 1952	2					4.57	
	do	do	do			Oct. 1956	4.1					.14	
	do	do	do			June 1958	1.7					19.05	
	do	do	do			Sept 1963	5.2					4.76	
	do	do	do			Sept 1966	3					10.14	
	do	do	do			Sept 1968	2					3.1	
	do	do	do			Sept 1969	1					46.9	
70-43c	Fern Debris Basin	Fern Canyon		.3	.3	Dec. 1935	--	1/--				2/--	CE
	do	do	do			Sept 1936	--				.83	30.84	
	do	do	do			Sept 1938	2					44.02	
	do	do	do			Sept 1941	8					3.3	
	do	do	do			Sept 1943	2					10.03	
	do	do	do			Sept 1952	9					2.53	
	do	do	do			Sept 1964	12					1.23	
	do	do	do			Sept 1966	2					16.7	
	do	do	do			Sept 1968	2					10.5	
70-44d	Gould Debris Basin	Gould Canyon Channel	La Canada, Calif.	.47	.47	Sept 1969	1	1/--				47.53	CE
	do	do	do			Sept 1946	2					2/0	
	do	do	do			Sept 1950	2					0	
	do	do	do			Sept 1952	2					5.32	
	do	do	do			June 1958	5.8					3.29	
	do	do	do			Sept 1962	4.2					5.83	
	do	do	do			Sept 1966	4					9.04	
	do	do	do			Sept 1968	2					1.98	
	do	do	do			Sept 1969	1					28.7	
	do	do	do			Sept 1975	6					4.9	
70-45a	Haines Debris Basin	Haines Canyon	Tujunga, Calif.	1.53	1.53	Sept 1938	3	1/--				2/6.93	CE
	do	do	do			Sept 1940	2					2.31	
	do	do	do			Sept 1941	1					5.09	
	do	do	do			Sept 1943	2					4.22	
	do	do	do			Sept 1944	1					3.58	
	do	do	do			Sept 1945	1					2.59	
	do	do	do			Sept 1946	1					0	
	do	do	do			Sept 1947	1					.37	
	do	do	do			Sept 1948	1					0	
	do	do	do			Sept 1949	1					0	
	do	do	do			Sept 1950	1					0	
70-46d	Hall's Debris Basin	Hall Beckley Canyon	La Canada, Calif.	2/.84	.84	May 1952	1.6					1.57	
	do	do	do			Nov. 1935	--					2/12.82	CE
	do	do	do			Sept 1937	1.9					77.21	
	do	do	do			Sept 1938	1					9.45	
	do	do	do			Sept 1940	2					20.61	
	do	do	do			Sept 1943	3					2.43	
	do	do	do	2/1.06	1.06	Sept 1948	5					8.4	
	do	do	do			Feb. 1957	8.4					.23	
	do	do	do			Sept 1959	2.6					11.54	
	do	do	do			Sept 1962	3					.06	
	do	do	do			Sept 1964	2					4.5	
	do	do	do			Sept 1968	4					3.48	
	do	do	do			Sept 1969	1					34.46	
70-47c	Hay Debris Basin	Hay Canyon Channel		.2	.2	Sept 1938	2	1/--				2/28.3	CE
	do	do	do			Sept 1939	1					6.3	
	do	do	do			Sept 1940	1					.55	
	do	do	do			Sept 1941	1					1.9	
	do	do	do			Sept 1943	2					4.78	
	do	do	do			Sept 1944	1					.65	
	do	do	do			Sept 1945	1					1.55	
	do	do	do			Sept 1946	1					0	
	do	do	do			Sept 1947	1					0	
	do	do	do			Sept 1948	1					0	
	do	do	do			Sept 1949	1					0	
	do	do	do			Sept 1950	1					0	
	do	do	do			Sept 1952	2					2.3	
	do	do	do			Sept 1961	9					3.58	
	do	do	do			Sept 1964	3					5.95	
	do	do	do			Sept 1966	4					3.25	
70-48d	Las Flores Debris Basin	Las Flores Channel	Altadena, Calif.	.45	.45	Sept 1970	2					11.5	
	do	do	do			Apr. 1935	--	1/--				2/--	CE
	do	do	do			Sept 1936	2	.5				28.88	
	do	do	do			Sept 1938	2					38.11	
	do	do	do			Sept 1944	6					3.26	
	do	do	do			Sept 1963	19					2.31	
	do	do	do			Sept 1966	3					8.79	
	do	do	do			Sept 1969	3					12.16	

1/ Capacity of debris basin varies. Debris excavated at various times.

2/ Sedimentation values as computed by LACFCD are based on complete water year.

3/ Drainage area 0.84 sq. mi. to 1945; 1.0659 sq. mi. beginning 1945.

**SUMMARY OF  
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975**

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES)		DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN		AGENCY SUPPLYING DATA
				TOTAL	NET						AC.-FT.	TONS	
SALTON SEA AND SOUTHERN CALIFORNIA COASTAL AND GREAT BASIN DRAINAGE (Continued)													
70-49e	Lincoln Debris Basin---	Lincoln Canyon-----	Altadena, Calif.--	.5	.5	Jan. 1936	--	1/--	--	--	--	--	CE
	do-----	do-----	do-----	--	--	Sept 1936	.75	--	--	--	2/6.53	--	
	do-----	do-----	do-----	--	--	Sept 1938	2	--	--	--	21.24	--	
	do-----	do-----	do-----	--	--	Sept 1941	3	--	--	--	5.35	--	
	do-----	do-----	do-----	--	--	Sept 1944	3	--	--	--	4.44	--	
	do-----	do-----	do-----	--	--	Mar. 1952	7.5	--	--	--	1.28	--	
	do-----	do-----	do-----	--	--	Sept 1961	9.5	--	--	--	.08	--	
	do-----	do-----	do-----	--	--	Sept 1967	6	--	--	--	3.09	--	
	do-----	do-----	do-----	--	--	Sept 1969	2	--	--	--	16.22	--	
70-50c	Nichols Debris Basin---	Nichols Canyon-----	Hollywood, Calif.-	.94	.94	Sept 1942	5	1/--	--	--	2/3.18	--	CF
	do-----	do-----	do-----	--	--	Sept 1943	1	--	--	--	1.98	--	
	do-----	do-----	do-----	--	--	Sept 1944	1	--	--	--	.48	--	
	do-----	do-----	do-----	--	--	Sept 1945	1	--	--	--	.2	--	
	do-----	do-----	do-----	--	--	Sept 1946	1	--	--	--	.15	--	
	do-----	do-----	do-----	--	--	Sept 1947	1	--	--	--	3.72	--	
	do-----	do-----	do-----	--	--	Sept 1948	1	--	--	--	.29	--	
	do-----	do-----	do-----	--	--	Sept 1949	1	--	--	--	.38	--	
	do-----	do-----	do-----	--	--	Sept 1950	1	--	--	--	.6	--	
	do-----	do-----	do-----	--	--	Apr. 1952	1.6	--	--	--	5.82	--	
	do-----	do-----	do-----	--	--	Feb. 1956	3.8	--	--	--	.47	--	
	do-----	do-----	do-----	--	--	Sept 1959	3.6	--	--	--	1.39	--	
	do-----	do-----	do-----	--	--	Sept 1960	1	--	--	--	3.29	--	
	do-----	do-----	do-----	--	--	Sept 1966	6	--	--	--	1.06	--	
	do-----	do-----	do-----	--	--	Sept 1968	2	--	--	--	2.15	--	
	do-----	do-----	do-----	--	--	Sept 1970	2	--	--	--	2.77	--	
70-51b	Paradise Debris Basin---	Paradise Canyon-----	La Canada, Calif.-	.96	.96	Sept 1945	1	1/--	--	--	2/1.18	--	CE
	do-----	do-----	do-----	--	--	Sept 1946	1	--	--	--	.92	--	
	do-----	do-----	do-----	--	--	Sept 1947	1	--	--	--	1	--	
	do-----	do-----	do-----	--	--	Sept 1948	1	--	--	--	.14	--	
	do-----	do-----	do-----	--	--	Sept 1949	1	--	--	--	.1	--	
	do-----	do-----	do-----	--	--	Sept 1950	1	--	--	--	0	--	
	do-----	do-----	do-----	--	--	Apr. 1952	1.4	--	--	--	5.38	--	
	do-----	do-----	do-----	--	--	Mar. 1956	3.9	--	--	--	.98	--	
70-52c	Pickens Debris Basin---	Pickens Canyon-----	La Crescenta, CA--	1.84	1.84	Sept 1936	1	1/--	--	--	2/11.81	--	CE
	do-----	do-----	do-----	--	--	Sept 1937	1	--	--	--	6.89	--	
	do-----	do-----	do-----	--	--	Sept 1938	1	--	--	--	44.9	--	
	do-----	do-----	do-----	--	--	Sept 1939	1	--	--	--	2.95	--	
	do-----	do-----	do-----	--	--	Sept 1940	1	--	--	--	4.75	--	
	do-----	do-----	do-----	--	--	Sept 1941	1	--	--	--	11.6	--	
	do-----	do-----	do-----	--	--	Sept 1943	2	--	--	--	9.03	--	
	do-----	do-----	do-----	--	--	Sept 1944	1	--	--	--	3	--	
	do-----	do-----	do-----	--	--	Sept 1945	1	--	--	--	.51	--	
	do-----	do-----	do-----	--	--	Sept 1946	1	--	--	--	.23	--	
	do-----	do-----	do-----	--	--	Sept 1947	1	--	--	--	.37	--	
	do-----	do-----	do-----	--	--	Sept 1948	1	--	--	--	.15	--	
	do-----	do-----	do-----	--	--	Sept 1949	1	--	--	--	0	--	
	do-----	do-----	do-----	--	--	Sept 1950	1	--	--	--	0	--	
	do-----	do-----	do-----	--	--	Sept 1952	2	--	--	--	2.25	--	
	do-----	do-----	do-----	--	--	Sept 1959	7	--	--	--	2.81	--	
	do-----	do-----	do-----	--	--	Sept 1966	7	--	--	--	3.41	--	
	do-----	do-----	do-----	--	--	Sept 1970	4	--	--	--	4.44	--	
70-53c	Rubio Debris Dam-----	Rubio Wash-----	Altadena, Calif.--	1.3	1.3	Sept 1946	3	1/--	--	--	2/.69	--	CF
	do-----	do-----	do-----	--	--	Sept 1947	1	--	--	--	.32	--	
	do-----	do-----	do-----	--	--	Sept 1948	1	--	--	--	0	--	
	do-----	do-----	do-----	--	--	Sept 1949	1	--	--	--	0	--	
	do-----	do-----	do-----	--	--	Sept 1950	1	--	--	--	0	--	
	do-----	do-----	do-----	--	--	Sept 1952	2	--	--	--	1.23	--	
	do-----	do-----	do-----	--	--	Apr. 1957	4.7	--	--	--	.05	--	
	do-----	do-----	do-----	--	--	Sept 1966	9.4	--	--	--	2.97	--	
	do-----	do-----	do-----	--	--	Sept 1969	3	--	--	--	10	--	

70-54c	Scholl Debris Basin	Scholl Canyon	Glendale, Calif.	.66	.66	Sept 1947	2	1/--	--	--	2/.32	--	CE
	do	do	do	--	--	Sept 1948	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1949	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1950	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1952	2	--	--	--	1.45	--	
	do	do	do	--	--	Sept 1961	9	--	--	--	.53	--	
	do	do	do	--	--	Sept 1970	9	--	--	--	.88	--	
	do	do	do	--	--	Sept 1974	4	--	--	--	.56	--	
	do	do	do	--	--	Sept 1975	1	--	--	--	.94	--	
70-55c	Shields Debris Basin	Shields Channel	La Crescenta, CA	.27	.27	Sept 1938	1	1/--	--	--	2/77	--	CE
	do	do	do	--	--	Sept 1939	1	--	--	--	10.1	--	
	do	do	do	--	--	Sept 1941	2	--	--	--	10.9	--	
	do	do	do	--	--	Sept 1943	2	--	--	--	5.85	--	
	do	do	do	--	--	Sept 1944	1	--	--	--	2.33	--	
	do	do	do	--	--	Sept 1945	1	--	--	--	.52	--	
	do	do	do	--	--	Sept 1946	1	--	--	--	1.04	--	
	do	do	do	--	--	Sept 1947	1	--	--	--	.04	--	
	do	do	do	--	--	Sept 1948	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1949	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1950	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1952	1.5	--	--	--	10.9	--	
	do	do	do	--	--	Sept 1961	9.5	--	--	--	2.07	--	
	do	do	do	--	--	Sept 1966	5	--	--	--	6.81	--	
70-56c	Snover Debris Basin	Snover Canyon		.23	.23	Sept 1938	2	1/--	--	--	2/22.6	--	CE
	do	do	do	--	--	Sept 1939	1	--	--	--	57	--	
	do	do	do	--	--	Sept 1941	2	--	--	--	4.4	--	
	do	do	do	--	--	Sept 1943	2	--	--	--	6.3	--	
	do	do	do	--	--	Sept 1945	2	--	--	--	.65	--	
	do	do	do	--	--	Sept 1952	7	--	--	--	1.09	--	
	do	do	do	--	--	Sept 1961	9	--	--	--	.06	--	
	do	do	do	--	--	Sept 1968	7	--	--	--	3.3	--	
	do	do	do	--	--	Sept 1969	1	--	--	--	56.5	--	
70-57b	Sparr Debris Basin	Sparr Channel	Montrose, Calif.	.84	.84	Sept 1947	1.6	1/--	--	--	2/0	--	CE
	do	do	do	--	--	Sept 1948	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1949	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1950	1	--	--	--	0	--	
	do	do	do	--	--	Mar. 1952	1.5	--	--	--	3.56	--	
	do	do	do	--	--	Feb. 1956	3.9	--	--	--	1.13	--	
70-58c	Stough Debris Basin	Stough Canyon Channel	Burbank, Calif.	1.65	1.65	Sept 1943	3	1/--	--	--	2/4.22	--	CE
	do	do	do	--	--	Sept 1944	1	--	--	--	2.84	--	
	do	do	do	--	--	Sept 1945	1	--	--	--	1.76	--	
	do	do	do	--	--	Sept 1946	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1947	1	--	--	--	0	--	
	do	do	do	--	--	Sept 1950	3	--	--	--	0	--	
	do	do	do	--	--	Apr. 1952	1.6	--	--	--	2.73	--	
	do	do	do	--	--	Sept 1958	6.4	--	--	--	.37	--	
	do	do	do	--	--	Sept 1960	2	--	--	--	.75	--	
	do	do	do	--	--	Sept 1965	5	--	--	--	2.86	--	
	do	do	do	--	--	Sept 1973	8	--	--	--	.32	--	
	do	do	do	--	--	Sept 1975	2	--	--	--	.19	--	
70-59d	Sunset Canyon Debris Dam (upper)	Sunset Canyon Channel		.44	.44	Nov. 1929	--	1/--	--	--	--	--	CE
	do	do	do	--	--	Sept 1942	12.9	--	--	--	2/1	--	
	do	do	do	--	--	Sept 1952	10	--	--	--	.45	--	
	do	do	do	--	--	Sept 1959	7	--	--	--	1.68	--	
	do	do	do	--	--	Sept 1966	7	--	--	--	8.13	--	
	do	do	do	--	--	Sept 1969	3	--	--	--	6.23	--	
	do	do	do	--	--	Sept 1971	2	--	--	--	1.74	--	
	do	do	do	--	--	Sept 1973	2	--	--	--	.22	--	
	do	do	do	--	--	Sept 1974	1	--	--	--	4.5	--	
70-60	Vanalden Debris Basin	Vanalden Channel	Encino, Calif.	1.08	1.08	Sept 1946	1	1/--	--	--	2/.32	--	CE
	do	do	do	--	--	Sept 1947	1	--	--	--	.02	--	
	do	do	do	--	--	Sept 1950	3	--	--	--	--	--	
70-61d	Verdugo Debris Basin	Verdugo Wash	Montrose, Calif.	15.5	10	Sept 1938	3.58	1/--	--	--	2/1.83	--	CE
	do	do	do	--	--	Sept 1941	3	--	--	--	.81	--	
	do	do	do	--	--	Sept 1943	2	--	--	--	2.05	--	
	do	do	do	--	--	Sept 1944	1	--	--	--	4.27	--	
	do	do	do	--	--	Sept 1950	6	--	--	--	.06	--	
	do	do	do	--	--	Sept 1952	2	--	--	--	.82	--	
	do	do	do	--	--	Sept 1953	1	--	--	--	3.73	--	
	do	do	do	--	--	May 1956	2.67	--	--	--	.002	--	
	do	do	do	--	--	Jan. 1959	2.67	--	--	--	.89	--	
	do	do	do	--	--	Sept 1960	1.66	--	--	--	.05	--	
	do	do	do	--	--	Sept 1964	4	--	--	--	.55	--	
	do	do	do	--	--	Sept 1966	2	--	--	--	1.71	--	
	do	do	do	--	--	Sept 1968	2	--	--	--	.05	--	
	do	do	do	--	--	Sept 1970	2	--	--	--	3.14	--	
	do	do	do	--	--	Sept 1974	4	--	--	--	.45	--	

1/ Capacity of debris basin varies. Debris excavated at various times.

2/ Sedimentation values as computed by LACFCD are based on complete water year.



**SUMMARY OF  
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975**

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES)		DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN		AGENCY SUPPLYING DATA
				TOTAL	NET						AC.-FT.	TONS	
SALTON SEA AND SOUTHERN CALIFORNIA COASTAL AND GREAT BASIN DRAINAGE (Continued)													
70-62b	Ward Debris Basin (lower)	Ward Canyon-----	La Crescenta, CA--	1/.64	1/.64	Sept 1945	1	2/--	--	--	3/.51	--	CE
		-----do-----	-----do-----	--	--	Sept 1946	1	--	--	--	1.63	--	
		-----do-----	-----do-----	--	--	Sept 1947	1	--	--	--	4.86	--	
		-----do-----	-----do-----	--	--	Sept 1948	1	--	--	--	1	--	
		-----do-----	-----do-----	--	--	Sept 1949	1	--	--	--	.36	--	
		-----do-----	-----do-----	--	--	Sept 1950	1	--	--	--	1.11	--	
		-----do-----	-----do-----	--	--	Feb. 1952	1.3	--	--	--	6.41	--	
		-----do-----	-----do-----	--	--	Apr. 1952	.2	--	--	--	--	--	
		-----do-----	-----do-----	--	--	Sept 1956	4.4	--	--	--	.52	--	
		-----do-----	-----do-----	--	--	Sept 1958	2	--	--	--	.7	--	
70-63c	West Ravine Debris Basin	West Ravine Canyon----	Altadena, Calif.--	.25	.25	Dec. 1935	--	2/--	--	--	--	--	CE
		-----do-----	-----do-----	--	--	Sept 1936	.83	--	--	--	3/57.64	--	
		-----do-----	-----do-----	--	--	Sept 1937	1	--	--	--	45.44	--	
		-----do-----	-----do-----	--	--	Sept 1938	1	--	--	--	74.04	--	
		-----do-----	-----do-----	--	--	Sept 1941	3	--	--	--	9.52	--	
		-----do-----	-----do-----	--	--	Sept 1943	2	--	--	--	12.76	--	
		-----do-----	-----do-----	--	--	Sept 1952	9	--	--	--	2.68	--	
		-----do-----	-----do-----	--	--	Sept 1964	12	--	--	--	1.09	--	
		-----do-----	-----do-----	--	--	Sept 1968	4	--	--	--	8.49	--	
		-----do-----	-----do-----	--	--	Sept 1969	1	--	--	--	39.36	--	
70-64	Camp Marston	Dehr Creek-----	Julian, Calif.----	1.6	1.59	Sept 1918	--	44.1	--	--	--	--	SCS
		-----do-----	-----do-----	--	--	Sept 1951	33	36.9	--	--	--	--	
70-65c	Cooks Canyon Debris Basin	Cooks Canyon-----	La Crescenta, CA--	.58	.58	Mar. 1952	.17	2/--	--	--	--	1.14	CE
		-----do-----	-----do-----	--	--	Sept 1961	9.67	--	--	--	3/.28	--	
		-----do-----	-----do-----	--	--	Sept 1969	8	--	--	--	.028	--	
		-----do-----	-----do-----	--	--	Sept 1974	5	--	--	--	.34	--	
70-66a	Auburn Debris Basin	Auburn Creek-----	Sierra Madre, CA--	.19	.19	Dec. 1954	--	2/--	--	--	--	--	CE
		-----do-----	-----do-----	--	--	Sept 1962	7.8	--	--	--	3/11.74	--	
		-----do-----	-----do-----	--	--	Sept 1966	6	--	--	--	5.8	--	
		-----do-----	-----do-----	--	--	Sept 1972	4	--	--	--	29.1	--	
70-67b	Bradbury Debris Basin	Bradbury Canyon----	Monrovia, Calif.--	.68	.68	Jan. 1955	--	2/--	--	--	--	--	CE
		-----do-----	-----do-----	--	--	Sept 1959	4.75	--	--	--	3/8.24	--	
		-----do-----	-----do-----	--	--	Sept 1961	2	--	--	--	1.62	--	
		-----do-----	-----do-----	--	--	Sept 1966	5	--	--	--	6.66	--	
		-----do-----	-----do-----	--	--	Sept 1969	3	--	--	--	23.2	--	
70-68a	Carter Debris Basin	Carter Canyon-----	Sierra Madre, CA--	.12	.12	Dec. 1954	--	2/--	--	--	--	--	CE
		-----do-----	-----do-----	--	--	Sept 1959	4.8	--	--	--	3/2.8	--	
		-----do-----	-----do-----	--	--	Sept 1962	3	--	--	--	23.7	--	
		-----do-----	-----do-----	--	--	Sept 1969	7	--	--	--	4.06	--	
70-69a	Deer Debris Basin	Deer Canyon-----	Glendale, Calif.--	.59	.59	Jan. 1955	--	2/--	--	--	--	--	CE
		-----do-----	-----do-----	--	--	Sept 1959	4.83	--	--	--	3/.55	--	
		-----do-----	-----do-----	--	--	Sept 1964	5	--	--	--	2.1	--	
		-----do-----	-----do-----	--	--	Sept 1965	1	--	--	--	24.74	--	
		-----do-----	-----do-----	--	--	Sept 1966	1	--	--	--	21.19	--	
		-----do-----	-----do-----	--	--	Sept 1969	3	--	--	--	19	--	
70-70	Floral (Upper) Debris Basin	Floral Canyon-----	Sierra Madre, CA--	.06	.06	Mar. 1954	--	2/--	--	--	--	--	CE
		-----do-----	-----do-----	--	--	Sept 1959	5.6	--	--	--	2.4	--	
70-71a	La Tuna Debris Basin	La Tuna Canyon-----	Sun Valley, Calif.	5.34	5.34	Jan. 1956	--	2/--	--	--	--	--	CE
		-----do-----	-----do-----	--	--	Feb. 1956	.1	--	--	--	3/7.85	--	
		-----do-----	-----do-----	--	--	July 1957	1.4	--	--	--	.04	--	
		-----do-----	-----do-----	--	--	Sept 1958	1.2	--	--	--	1.13	--	
		-----do-----	-----do-----	--	--	Sept 1959	1	--	--	--	2.15	--	
		-----do-----	-----do-----	--	--	Sept 1960	1	--	--	--	1.22	--	
		-----do-----	-----do-----	--	--	Sept 1962	2	--	--	--	1.53	--	
		-----do-----	-----do-----	--	--	Sept 1971	9	--	--	--	.2	--	
70-72b	Lannan Debris Basin	Lannan Wash-----	Sierra Madre, CA--	.25	.25	Mar. 1954	--	2/--	--	--	--	--	CE
		-----do-----	-----do-----	--	--	Sept 1962	8.6	--	--	--	3/3.96	--	
		-----do-----	-----do-----	--	--	Sept 1967	5	--	--	--	.48	--	
		-----do-----	-----do-----	--	--	Sept 1970	3	--	--	--	16.92	--	
		-----do-----	-----do-----	--	--	Sept 1971	1	--	--	--	51.77	--	
		-----do-----	-----do-----	--	--	Sept 1974	3	--	--	--	6.36	--	

70-73b	Maddock Debris Basin----	Maddock Canyon-----	Duarte, Calif.----	.25	.25	Jan. 1955	--	2/--	--	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Mar. 1956	1.2	--	--	--	2/17.8	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1959	3.5	--	--	--	3.88	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1967	8	--	--	--	1.8	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1969	2	--	--	--	15.8	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1970	1	--	--	--	2.96	
70-74b	May No. 1 Debris Basin--	May Canyon-----	San Fernando, CA--	.7	.7	Aug. 1953	--	2/--	--	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1959	6.2	--	--	--	3/7.78	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1967	8	--	--	--	7.2	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1968	1	--	--	--	23.3	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1969	1	--	--	--	104	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1974	5	--	--	--	.06	
70-75b	May No. 2 Debris Basin--	-----do-----	-----do-----	.09	.09	Aug. 1953	--	2/--	--	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1957	14.17	--	--	--	3/2.44	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1968	1	--	--	--	45.44	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1969	1	--	--	--	28.56	
70-76a	McClure Debris Basin----	McClure Canyon-----	Burbank, Calif.--	.62	.62	Dec. 1953	--	2/--	--	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1959	5.8	--	--	--	3/6.6	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1961	2	--	--	--	9.27	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1965	4	--	--	--	2.9	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1966	1	--	--	--	10	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1967	1	--	--	--	9.52	
70-77	Rowley Debris Basin----	Rowley Canyon-----	Tujunga, Calif.--	.58	.58	Jan. 1954	--	2/--	--	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1959	5.67	--	--	--	3/6.2	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1968	9	--	--	--	1.5	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1969	1	--	--	--	11.8	
70-78	Ruby - Upper Debris Basin	Ruby Canyon-----	Sierra Madre, CA--	.21	.21	Jan. 1954	--	2/--	--	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1959	5.8	--	--	--	3/5.2	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1961	2	--	--	--	.29	
70-79b	Ruby Lower Debris Basin	-----do-----	-----do-----	.1	.1	Dec. 1955	--	2/--	--	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1962	6.83	--	--	--	3/5	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1969	7	--	--	--	12.7	
70-80a	Sawpit Debris Dam-----	Sawpit Creek-----	Monrovia, Calif.--	6.34	2.84	Jan. 1955	--	2/--	--	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1959	4.67	--	--	--	3/4.6	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1962	3	--	--	--	6.9	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1969	7	--	--	--	9.82	
70-81a	Sierra Madre Villa Debris Basin	Sierra Madre Villa Canyon	Sierra Madre, CA--	1.46	1.46	May 1958	--	2/--	--	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1959	1.4	--	--	--	3/3.4	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1962	3	--	--	--	16.92	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1968	6	--	--	--	.18	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1970	2	--	--	--	45.89	
70-82a	Spinks Debris Basin----	Spinks Canyon-----	Monrovia, Calif.--	.44	.44	Dec. 1958	--	2/--	--	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1959	.8	--	--	--	3/--	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1962	3	--	--	--	1.66	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1969	7	--	--	--	5.32	
70-83b	Turnbull Debris Basin----	Turnbull Canyon Wash--	Whittier, Calif.--	.99	.99	Jan. 1953	--	2/--	--	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1968	15.75	--	--	--	3/3.35	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1969	1	--	--	--	15.85	
70-84	Zachau Debris Basin----	Zachau Canyon-----	Tujunga, Calif.--	.35	.35	Aug. 1956	--	2/--	--	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1961	5.16	--	--	--	3/3.31	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1969	8	--	--	--	2.54	
70-85a	Ward Debris Basin (Upper)	Ward Canyon-----	La Crescenta, CA--	.1	.1	Nov. 1956	--	2/--	--	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1957	.8	--	--	--	3/30.1	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1958	1	--	--	--	39.3	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1959	1	--	--	--	17.5	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1967	8	--	--	--	.4	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1968	1	--	--	--	3.1	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1969	1	--	--	--	22.9	
70-86	Sepulveda Flood Control Basin	Los Angeles River----	Van Nuys, Calif.--	152	142	Nov. 1941	--	16,720	1	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1944	3	17,437	1.04	--	--	
	-----do-----	-----do-----	-----do-----	--	--	June 1961	16.6	17,296	1.03	--	--	.06
70-87a	Santa Fe Flood Control Basin	San Gabriel River----	Baldwin Park, CA--	236	4/20.54	Apr. 1943	--	34,670	--	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Nov. 1949	6.6	34,276	--	--	2.91	
	-----do-----	-----do-----	-----do-----	--	--	Mar. 1959	9.3	33,987	--	--	1.81	
	-----do-----	-----do-----	-----do-----	--	--	June 1961	2.2	33,395	--	--	13.32	
	-----do-----	-----do-----	-----do-----	--	--	Feb. 1967	5.7	32,716	--	--	5.72	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1968	1.6	2/34,916	--	--	--	
	-----do-----	-----do-----	-----do-----	--	--	Aug. 1969	.9	32,642	--	--	123	
70-88a	Bell IV (0804)-----	Bell Creek-----	Glendora, Calif.--	.061	.061	Jan. 1966	--	2.3	234	--	--	FS
	-----do-----	-----do-----	-----do-----	--	--	Dec. 1966	.96	--	--	--	1.16	
	-----do-----	-----do-----	-----do-----	--	--	Oct. 1968	1.86	--	--	--	0	
	-----do-----	-----do-----	-----do-----	--	--	Mar. 1969	1.41	--	--	--	39.6	
	-----do-----	-----do-----	-----do-----	--	--	July 1970	1.41	--	--	--	.018	
70-89a	Bell Debris Basin----	-----do-----	Canoga Park, Calif	7	7	Oct. 1967	--	2/--	--	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1970	3	--	--	--	3/6	
	-----do-----	-----do-----	-----do-----	--	--	Sept 1971	1	--	--	--	.45	

1/ Drainage area 0.35 sq. mi. through 1947; 0.64 after 1947.  
2/ Capacity of debris basin varies. Debris excavated at various times.  
3/ Sedimentation values computed by Los Angeles County FCD are based on complete water year.

4/ Excludes drainage area above Morris Dam (215.46 sq. mi.).  
\* Estimated or assumed.

**SUMMARY OF  
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975**

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQ. MILES)		DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT.)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN		AGENCY SUPPLYING DATA
				TOTAL	NET						AC-FT.	TONS	
SALTON SEA AND SOUTHERN CALIFORNIA COASTAL AND GREAT BASIN DRAINAGE (Continued)													
70-90	Carbon Canyon F. C. Basin	Carbon Canyon Creek	Brea, Calif.	19.3	19.3	Mar. 1961	--	7,033	10.0	--	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1969	8.5	6,615	9.45	--	2.54	--	CE
70-91a	Childs Debris Basin	Childs Canyon	Glendale, Calif.	.31	.31	Sept 1963	--	1/	--	--	2/8.81	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1966	3	--	--	--	1.26	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1968	2	--	--	--	2/7.92	--	CE
70-92a	Elmwood Debris Basin	Elmwood Canyon	Burbank, Calif.	.31	.31	Sept 1964	4	1/	--	--	2.06	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1974	6	--	--	--	2/10.38	--	CE
70-93a	Englewild Debris Basin	Englewild Canyon	Glendora, Calif.	.4	.4	Sept 1961	--	1/	--	--	13.48	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1969	8	--	--	--	2.18	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1970	1	--	--	--	2/6.77	--	CE
70-94	Harrow Debris Basin	Harrow Canyon	Glendora, Calif.	.43	.43	Sept 1972	2	1/	--	--	16.3	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1969	11	--	--	--	2/66.7	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1970	1	--	--	--	2.78	--	CE
70-95	Hook East Debris Basin	Hook Canyon	Azusa, Calif.	.18	.18	Sept 1967	--	1/	--	--	2/10.5	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1969	2	--	--	--	21.65	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1970	1	--	--	--	12.7	--	CE
70-96a	Kinneloa Debris Basin	Kinneloa Canyon	Pasadena, Calif.	.2	.2	Oct. 1964	--	1/	--	--	3.1	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1966	1.92	--	--	--	4.55	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1969	3	--	--	--	2/30.8	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1970	1	--	--	--	19.4	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1971	1	--	--	--	10.94	--	CE
70-98a	Little Dalton Debris Dam	Little Dalton	Glendora, Calif.	3.3	3.3	Feb. 1960	--	1/	--	--	2/15.9	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1962	2.6	--	--	--	12.4	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1968	7	--	--	--	1.4	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1974	5	--	--	--	2/2.81	--	CE
70-99a	Morgan Debris Basin	Morgan Canyon	-----do-----	.6	.6	Sept 1964	--	1/	--	--	7.45	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1969	5	--	--	--	2/10.75	--	CE
70-100	San Antonio F. C. Basin	San Antonio Creek	Claremont, Calif.	26.7	26.7	Aug. 1956	--	9,285	.9	--	3.21	--	CE
	-----do-----	-----do-----	-----do-----	--	--	July 1969	12.91	6,718	.65	--	2/19.1	--	CE
70-101a	Schoolhouse Debris Basin	Mansfield Av. Storm Draw	Olive View, Calif.	.28	.28	June 1963	--	1/	--	--	6.08	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1967	4.33	--	--	--	2/5.23	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1971	4	--	--	--	.5	--	CE
70-102a	Sunset Debris Basin (Lower)	Sunset Canyon	Glendale, Calif.	.65	.65	Jan. 1964	--	1/	--	--	2/8.62	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1965	1.75	--	--	--	2/19.1	--	CE
70-103a	Santa Anita Debris Basin	Santa Anita Creek	Arcadia, Calif.	1.7	1.7	Dec. 1959	--	1/	--	--	.67	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1962	2.8	--	--	--	50	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1968	6	--	--	--	15.92	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1970	2	--	--	--	6.08	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1971	1	--	--	--	2/5.23	--	CE
70-104a	Wilson Debris Basin	Wilson Canyon	Olive View, Calif.	2.58	2.58	Sept 1975	4	--	--	--	.5	--	CE
	-----do-----	-----do-----	-----do-----	--	--	June 1963	--	1/	--	--	2/28.2	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1967	4.2	--	--	--	2/1.13	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1972	5	--	--	--	.53	--	CE
70-105a	Wildwood Debris Basin	Wildwood Creek	Newhall, Calif.	.65	.65	Sept 1967	--	1/	--	--	2/11.7	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1969	2	--	--	--	.25	--	CE
70-106	Winery Debris Basin	Winery Canyon	La Crescenta, CA	.18	.18	Sept 1968	--	1/	--	--	2/1.67	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1969	1	--	--	--	2/14.1	--	CE
70-107	Aliso Debris Basin	Aliso Canyon	Granada Hills, CA	2.77	2.77	July 1970	--	1/	--	--	12.81	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1971	1.25	--	--	--	2/3.66	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1975	4	--	--	--	--	--	CE
70-108	Altadena Golf Course Debris Basin	Rubio Wash	Altadena, Calif.	.2	.2	Sept 1959	1	1/	--	--	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1946	13	--	--	--	--	--	CE
70-109	Beatty Debris Basin	Beatty Canyon	Azusa, Calif.	.27	.27	Dec. 1970	--	1/	--	--	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1975	5	--	--	--	--	--	CE
70-110	Big Dalton Debris Basin	Big Dalton Wash	Glendora, Calif.	2.9	2.9	Feb. 1960	--	1/	--	--	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1969	7	--	--	--	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1969	7	2.67	--	--	--	--	CE
70-111	Blanchard Debris Basin	Blanchard Canyon	Tujunga, Calif.	.5	.5	Jan. 1968	--	1/	--	--	--	--	CE
	-----do-----	-----do-----	-----do-----	--	--	Sept 1972	4.75	--	--	--	--	--	CE

70-112	Brace Debris Basin-----	Brace Canyon-----	Burbank, Calif.----	.29	.29	Feb. 1971	--	1/--	--	--	--	--	CF
	-----do-----	-----do-----	-----do-----			Sept 1975	4					2/12.72	CF
70-113	Limekiln Debris Basin---	Limekiln Canyon Wash---	Granada Hills, CA---	3.69	3.69	Sept 1963	5	1/--	--	--	--	--	CF
	-----do-----	-----do-----	-----do-----			Sept 1968	5					2/.07	
	-----do-----	-----do-----	-----do-----			Sept 1970	2					11.25	
	-----do-----	-----do-----	-----do-----			Sept 1974	4					.88	
70-114	Lopez Flood-Control Basin	Pacoima Wash-----	San Fernando, CA----	34	34	Dec. 1954	--	1/--	--	--	--	--	CE
	-----do-----	-----do-----	-----do-----			Jan. 1973	18.17					2/.77	CE
70-115	Oak Glade Debris Basin---	Trib. Sawpit Wash-----	Monrovia, Calif.----	.06	.06	Aug. 1974	--	1/--	--	--	--	--	CE
	-----do-----	-----do-----	-----do-----			Sept 1975	1					2/3.17	CE
70-116	Starfall Debris Basin---	Starfall Canyon-----	La Crescenta, CA---	.13	.13	Nov. 1973	--	1/--	--	--	--	--	CE
	-----do-----	-----do-----	-----do-----			Sept 1975	2					2/6.	CE
70-117	Starveant Debris Basin---	Unnamed-----	Sierra Madre, CA---	.03	.03	Oct. 1967	--	1/--	--	--	--	--	CE
	-----do-----	-----do-----	-----do-----			Sept 1972	5					2/1.33	CE

SAN JOAQUIN AND KEEN RIVER BASINS AND ADJACENT COASTAL DRAINAGE

71-1	Upper Crystal Springs---	Laguna Creek-----	San Francisco, CA---	13.3	12	Jan. 1878	--	29,138	12.67	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			Oct. 1935	57.8	28,159	12.24	--	1.41	--	SCS
71-2	Atascadero Park Lake---	Atascadero Creek-----	Atascadero, Calif.---	1	1	-- 1918	--	150	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			Nov. 1947	29	136	--	*60	.48	627	SCS
71-3	Hawkins-----	N. F. Los Viboras Creek	Hollister, Calif.---	4.04	4.01	-- 1912	--	549	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			May 1940	28	3,532	--	*60	3/.15	196	GS
71-4b	Santa Margarita Lake 4/-	Salinas River-----	Pozo, Calif.-----	112	110	Oct. 1942	--	5/25,843	--	--	--	--	GS
	-----do-----	-----do-----	-----do-----			Nov. 1947	6	29,860	--	--	.21	--	
	-----do-----	-----do-----	-----do-----			Aug. 1953	6	25,390	--	--	.41	357	
	-----do-----	-----do-----	-----do-----			July 1975	22	23,000	1.15	56	6/.98	8/1,627	SCS
71-5	Copperopolis-----	Penney Creek-----	Copperopolis, CA---	2.06	2.01	-- 1915	--	265	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			Aug. 1945	30	263	--	55	.034	41	SCS
71-6	Crane Valley-----	N. Fk. San Joaquin K.---	Madera, Calif.-----	54.5	52.7	-- 1901	--	45,410	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			June 1946	45	45,028	--	*62	.161	217	SCS
71-7	Davis-----	Chaw Creek-----	Stockton, Calif.---	7.87	7.62	Sept 1917	--	1,421	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			Sept 1945	28	1,367	--	63	.251	344	SCS
71-8	Don Pedro-----	Tuolumne River-----	Modesto, Calif.---	1,001	996.5	Mar. 1923	--	289,000	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			Nov. 1945	22.7	284,266	--	*62	.21	284	SCS
71-9	Exchequer-----	Merced River-----	Merced, Calif.---	1,027	1,022.4	Sept 1926	--	289,000	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			Mar. 1946	19.6	285,646	--	62	.167	226	SCS
71-10	Gilmore-----	Trib. of Mormon Slough-	Bellota, Calif.---	5.01	4.92	Sept 1917	--	579	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			Aug. 1945	28	580	--	50	.132	144	SCS
71-11	Hume-----	Ten Mile Creek-----	Fresno, Calif.---	24.2	24.1	June 1909	--	1,410	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			June 1946	37	1,383	--	*62	.03	40	SCS
71-12	La Grange-----	Tuolumne River-----	Modesto, Calif.---	1,501	7/1,501	Sept 1895	--	2,332	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			Oct. 1905	10.1	1,068	--	*70	.083	127	SCS
71-13	Lyons-----	S. Fk. Stanislaus River	Tuolumne, Calif.---	8/40	39.7	June 1930	--	5,500	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			June 1946	16	5,436	--	*70	.101	154	SCS
71-14	McCarty-----	Trib. of Johnny Creek-	San Andreas, Calif.---	.35	.32	Dec. 1937	--	96.3	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			Sept 1945	7.7	36.5	--	*45	.3	294	SCS
71-15	Pardee-----	Mokelumne River-----	Lodi, Calif.-----	9/387	383.5	Sept 1929	--	210,000	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			Aug. 1943	14	209,183	--	*62	.152	205	SCS
71-16	Salt Springs Valley---	Rock Creek-----	San Andreas, Calif.---	20.3	18.4	-- 1862	--	12,930	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			July 1945	63	12,697	--	*50	.201	219	SCS
71-17	(Upper) Bear River---	Bear River-----	Placerville, Calif.---	28.5	28.2	Sept 1900	--	6,712	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			June 1946	45.8	6,690	--	*70	.017	26	SCS
71-18a	Wood Pond-----	Sycamore Creek-----	Danville, Calif.---	.3	.3	-- 1840	--	4.41	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			-- 1951	11	4.23	--	80	.053	92	SCS
71-19	St. Mary's-----	Walnut Creek-----	Walnut Creek, CA---	3.11	2.97	-- 1928	--	134.01	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			-- 1951	23	88.59	--	45	.66	647	SCS
71-20	Black Hills-----	Green Valley Creek---	Danville, Calif.---	.76	.76	-- 1880	--	32.68	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			-- 1951	71	27.04	--	45	.11	110	SCS
71-21	Lakewood-----	Walnut Creek-----	Concord, Calif.---	.75	.74	-- 1913	--	27.08	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			-- 1951	40	24.86	--	30	.076	50	SCS
71-22	Contra Costa Country Club	Grayson Creek-----	Pacheco, Calif.---	.2	.2	-- 1924	--	5.75	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			-- 1951	17	5.24	--	40	.15	131	SCS
71-23	Engelhart Pond-----	Marsh Creek-----	Brentwood, Calif.---	.033	.033	-- 1945	--	1.34	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			Jan. 1953	7	1.32	--	*60	.088	115	SCS
71-24a	C. C. Anderson Pond---	-----do-----	-----do-----	.083	.083	-- 1945	--	1.32	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			Oct. 1952	7	1.864	--	*65	10/.096	10/136	SCS
71-25	Upper Walter Keller Pond	-----do-----	-----do-----	.027	.027	-- 1943	--	1.347	--	*40	10/.682	10/594	SCS
	-----do-----	-----do-----	-----do-----			Oct. 1952	9	1.185	--	--	--	--	SCS
71-26	F. J. Hoey Pond-----	Alhambra Creek-----	-----do-----	.045	.045	Oct. 1947	--	2.45	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			Jan. 1953	5	2.32	--	*55	10/.578	10/692	SCS
71-27a	Lee Higgins Pond-----	Marsh Creek-----	-----do-----	.202	.199	-- 1941	--	12.6	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			Oct. 1953	12	12.28	--	*40	.14	122	SCS
71-28a	Souza-----	-----do-----	-----do-----	.319	.283	-- 1946	--	176.49	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			Jan. 1953	6	174.97	--	*30	.894	584	SCS
71-29a	Ordway-----	-----do-----	-----do-----	.619	.613	-- 1945	--	60.9	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			Jan. 1953	7	60.07	--	*70	.19	290	SCS
71-30	North Fork-----	Pacheco Creek-----	Hollister, Calif.---	66.2	.66	-- 1938	--	5,803	--	--	--	--	SCS
	-----do-----	-----do-----	-----do-----			Apr. 1951	12.4	5,706	--	*45	10/.12	10/118	SCS

1/ Capacity of debris basin varies. Debris excavated at various times.  
 2/ Sedimentation values as computed by Los Angeles County FCD are based on complete water year.

3/ Some sediment sluiced out incidental to work on outlet.  
 4/ Name changed in 1967. Previously reported as Salinas.  
 5/ Original capacity previously reported as 26,000 ac. ft.  
 6/ Includes sediment above spillway crest elevation.

7/ Before construction of Don Pedro Reservoir in 1923.  
 8/ Excluding drainage area of Strawberry Reservoir.  
 9/ Excluding noncontributing areas above Salt Springs and Bear River Reservoir.  
 10/ Excluding pond area.  
 11/ Estimated or assumed.

**SUMMARY OF  
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975**

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES)		DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN		AGENCY SUPPLYING DATA
				TOTAL	NET						AC.-FT.	TONS	
SAN JOAQUIN AND KEEN RIVER BASINS AND ADJACENT COASTAL DRAINAGE (Continued)													
71-31a	Teakettle Reservoir #1--	Teakettle Creek-----	Fresno, Calif.----	.77	.77	Fall 1936	--	.39	--	--	.0271	--	FE
	do	do	do	--	--	Fall 1948	10	.18	--	--	.11	--	
	do	do	do	--	--	Fall 1951	3	.002	--	--	.0078	--	
	do	do	do	--	--	Fall 1955	4	0	--	--	--	--	
	do	do	do	--	--	Fall 1956	--	1/.352	--	--	--	--	
	do	do	do	--	--	Fall 1957	1	--	--	--	--	--	
	do	do	do	--	--	Fall 1958	1	--	--	--	.0591	--	
	do	do	do	--	--	Fall 1959	1	--	--	--	0	--	
	do	do	do	--	--	Fall 1960	1	--	--	--	.0158	--	
	do	do	do	--	--	Fall 1961	1	--	--	--	0	--	
	do	do	do	--	--	Fall 1962	1	--	--	--	.0065	--	
	do	do	do	--	--	Fall 1963	1	--	--	--	.3228	--	
	do	do	do	--	--	Fall 1964	1	--	--	--	.0889	--	
	do	do	do	--	--	Fall 1965	1	--	--	--	.0054	--	
71-32a	Teakettle Reservoir #2a-	do	do	.273	.273	Fall 1938	--	.079	--	--	--	--	FE
	do	do	do	--	--	Fall 1941	3	.068	--	--	.0146	--	
	do	do	do	--	--	Fall 1948	7	.05	--	--	.0084	--	
	do	do	do	--	--	Fall 1951	3	.03	--	--	.023	--	
	do	do	do	--	--	Fall 1955	4	.015	--	--	.011	--	
	do	do	do	--	--	Fall 1956	1	2/.066	--	--	--	--	
	do	do	do	--	--	Fall 1957	1	--	--	--	--	--	
	do	do	do	--	--	Fall 1958	1	--	--	--	.0241	--	
	do	do	do	--	--	Fall 1959	1	--	--	--	.0059	--	
	do	do	do	--	--	Fall 1960	1	--	--	--	0	--	
	do	do	do	--	--	Fall 1961	1	--	--	--	0	--	
	do	do	do	--	--	Fall 1962	1	--	--	--	.0003	--	
	do	do	do	--	--	Fall 1963	1	--	--	--	.0452	--	
	do	do	do	--	--	Fall 1964	1	--	--	--	.0572	--	
	do	do	do	--	--	Fall 1965	1	--	--	--	0	--	
71-33a	Teakettle Reservoir #2-	do	do	.847	.847	Fall 1938	--	.134	--	--	--	--	FE
	do	do	do	--	--	Fall 1948	10	.078	--	--	.0066	--	
	do	do	do	--	--	Fall 1951	3	.021	--	--	.025	--	
	do	do	do	--	--	Fall 1955	4	.0022	--	--	.008	--	
	do	do	do	--	--	Fall 1956	--	2/.101	--	--	--	--	
	do	do	do	--	--	Fall 1957	1	--	--	--	--	--	
	do	do	do	--	--	Fall 1958	1	--	--	--	.0166	--	
	do	do	do	--	--	Fall 1959	1	--	--	--	0	--	
	do	do	do	--	--	Fall 1960	1	--	--	--	.0032	--	
	do	do	do	--	--	Fall 1961	1	--	--	--	.0032	--	
	do	do	do	--	--	Fall 1962	1	--	--	--	.0015	--	
	do	do	do	--	--	Fall 1963	1	--	--	--	.0474	--	
	do	do	do	--	--	Fall 1964	1	--	--	--	0	--	
	do	do	do	--	--	Fall 1965	1	--	--	--	--	--	
71-34a	Teakettle Reservoir #3--	do	do	.856	.856	Fall 1938	--	.131	--	--	--	--	FE
	do	do	do	--	--	Fall 1940	2	.127	--	--	.0026	--	
	do	do	do	--	--	Fall 1941	1	.109	--	--	.0204	--	
	do	do	do	--	--	Fall 1948	7	.04	--	--	.0112	--	
	do	do	do	--	--	3/Fall 1951	3	.007	--	--	.016	--	
	do	do	do	--	--	Fall 1956	--	2/.117	--	--	--	--	
	do	do	do	--	--	Fall 1957	1	--	--	--	--	--	
	do	do	do	--	--	Fall 1958	1	--	--	--	.0073	--	
	do	do	do	--	--	Fall 1959	1	--	--	--	.0042	--	
	do	do	do	--	--	Fall 1960	1	--	--	--	.0003	--	
	do	do	do	--	--	Fall 1961	1	--	--	--	0	--	
	do	do	do	--	--	Fall 1962	1	--	--	--	.0049	--	
	do	do	do	--	--	Fall 1963	1	--	--	--	.1457	--	
	do	do	do	--	--	Fall 1964	1	--	--	--	.0619	--	
	do	do	do	--	--	Fall 1965	1	--	--	--	.0338	--	
71-35	Teakettle No. 7--	do	do	.091*	.091	Fall 1936	(1938-56)	.222	.159	--	--	--	FE
	do	do	do	--	--	Fall 1957	19	.181	.129	--	.029	--	
	do	do	do	--	--	Fall 1958	1	.178	.127	--	4/-.013	--	
	do	do	do	--	--	Fall 1959	1	.182	.13	--	4/-.037	--	
	do	do	do	--	--	Fall 1960	1	.178	.127	--	.069	--	
71-36	Pine Flat	Kings River	Sanger, Calif.	1,542	1,542	May 1952	--	1,013,400	.612	--	--	--	CE
	do	do	do	--	--	Feb. 1954	5/1.8	1,013,290	.612	*62	.04	54	
	do	do	do	--	--	Nov. 1956	6/3	1,011,950	.611	*62	.29	392	

71-37	Salinas Boys Ranch	Trib. Natividad Creek	Salinas, Calif.	13	13	2/Oct. 1953	7/9.65				SCS
	do	do	do			Sept 1964	11	9.34		*65	23
71-38	Roy Alexander	do	do	205	203	8/1951	13	8/8.4			142
	do	do	do			Sept 1954		1.15		*65	
71-39	Gibraltar	Santa Ynez	Santa Barbara, CA	216	9/202.2	Oct. 1919		15,296	.42		
	do	do	do			Aug. 1923	3.83	13,674	.38		1.96
	do	do	do			Aug. 1944	21	7,720	.21		2/1.47
	do	do	do			Feb. 1956	11.42	14,777	.41		.43
	do	do	do			Aug. 1969	13.5	9,654	.27		1.88
71-40	Santa Felicia	Piru Creek	Piru, Calif.	425	425	Oct. 1955		101,200			
	do	do	do			Oct. 1965	10	99,730		52	.58
71-41	Success Lake	Tule River	Porterville, Calif.	393	393	Sept. 1960		*86,160	.681		*0
	do	do	do			Nov. 1965	5.2	86,160	.681		*0
	do	do	do			Nov. 1967	2	83,610	.66	*62	3,244
	do	do	do			Dec. 1968	1.1	83,680	.661	*62	-163
71-42	Isabella Reservoir	Kern River	Isabella, Calif.	2,074	2,074	June 1953		539,665	.81		
	do	do	do			Sept 1956	3.3	539,115	.81	*62	.074
	do	do	do			Dec. 1968	12.2	534,430	.803	*62	.186
71-43	L. Kaweah (Terminus Dam)	Kaweah River	Lemon Cove, Calif.	560	560	Nov. 1961		149,999	.389		
	do	do	do			Nov. 1967	6	147,099	.382	*62	.745
71-44	Cachuma	Santa Ynez River	Santa Ynez, Calif.	417	196	Jan. 1953		204,874			
	do	do	do			Aug. 1969	16.58	101,92,574			10/3.79
	do	do	do			1960		8,600			
71-45	Loch Lomond (Newell Cr. Dam)	Newell Creek	Zayante, Calif.	5.1	4.8	Sept 1971	10	8,554		56.5	.96
	do	do	do			Sept 1913		197			1,180
71-46	Williams Reservoir	Los Gatos Creek	do	5.25	5.24	Mar. 1971	58	108		65	.16
	do	do	do								227

SACRAMENTO, EEL AND RUSSIAN RIVER BASINS

72-1a	Ridgewood (Walker)	Walker Creek	Willits, Calif.	5.7	5.6	June 1930		313	.1		
	do	do	do			June 1926	36	318	.07	77.5	.48
72-2a	Morris	Davis Creek	do	5.1	5.03	Oct. 1924		320			1,063
	do	do	do			1927	3	775	.29		
	do	do	do			May 1960	36	660	.24	*50	.63
	do	do	do			May 1966	6	643	.24	50.3	.56
72-3	Big Canyon	Big Canyon Creek	French Town, Calif.	5.5	5.48	Nov. 1934		200			
	do	do	do			Oct. 1945	11	196		44.7	.069
72-4	Bloodt	Trib. Cosumnes River	Sacramento, Calif.	3.12	3.05	Oct. 1940		254			
	do	do	do			Oct. 1945	5.6	254		46	.217
72-5	Bullards Bar	North Yuba River	Camptonville, CA	480	479	Oct. 1919		31,500			
	do	do	do			Jan. 1939	19.2	28,893		*70	.284
72-6	Combie (Van Geisen)	Bear River	Auburn, Calif.	130	129	June 1928		8,545			
	do	do	do			Oct. 1935	7.3	7,840		*70	.743
72-7b	East Park	Little Stony Creek	Stonyford, Calif.	11/101.5	98.9	Dec. 1910		12/50,300			1,140
	do	do	do			Nov. 1962	52	48,940		.8	
72-8	Faulke Lake (False Lake)	N. Fk. Jenney Creek	Shasta, Calif.	.71	.66	1851		130		55	13/.37
	do	do	do			Dec. 1945	94	120		54	.147
72-9	Gerber	Trib. of Burch Creek	Corning, Calif.	.31	.28	June 1917		190			173
	do	do	do			Dec. 1945	28.5	182		78.3	1,656
72-10	Magalia	Little Butte Creek	Chico, Calif.	14/8.23	8.08	Jan. 1918		3,718			
	do	do	do			Jan. 1946	28	3,648		48.8	.307
72-11b	Stony Gorge	Stony Creek	Elk Creek, Calif.	15/199	197	Nov. 1928		16/50,000			
	do	do	do			Nov. 1962	34.1	48,160		.29	54
72-12	Misselbeck	N. Fk. Cottonwood Cr.	Hedding, Calif.	12	11.8	May 1920		4,300			
	do	do	do			Dec. 1945	25.5	4,086		*75	.711
72-13	L. Pillsbury (Scott Dam)	Eel River	Potter Vally, CA	288	284	Dec. 1921		94,396	.248		
	do	do	do			May 1959	37.5	86,785	.228	73	.71
72-14	Catacoula (Bar 49)	Maxwell Creek	St. Helena, Calif.	.71	.69	1953		183			
	do	do	do			Nov. 1956	5	181.4			.46
72-15	Milliken	Milliken Creek	Napa, Calif.	10.5	10.4	1924		2,000			
	do	do	do			Oct. 1958	34	1,988			.04
72-16a	Onion Creek No. 1	Onion Cr, Trib. Amer. R	Soda Springs, CA	.19	.19	1957		.114	.039		
	do	do	do			1958	1	.096	.033		.074
	do	do	do			1959	1	.097	.053		.071
	do	do	do			1960	1	.093	.052		.024

1/ Overtopped by sediment, no measurements taken in 1956; sediment removed down to original reservoir bottom.

2/ Sediment bottom in summer 1956 - no measurements taken.

3/ Last data for which significant data are available; reservoir inoperative until 1956 when sediment was removed.

4/ Loss of sediment not applicable to watershed as a whole.

5/ Period of abnormal operation. Represents 0.3 year of sediment accumulation behind partially closed gates and 1.5 years of sediment depletion with wide open gates. Sediment value is residue at end of period.

6/ Represents sedimentation for 3 full runoff years because no significant inflow occurred from Oct. 1, 1953, to Feb. 13, 1954, or from Oct. 1, 1956, to Nov. 15, 1956.

7/ Original capacity determined from 1965 survey.

8/ Original capacity determined from 1964 survey.

9/ Effective drainage area prior to 1931 was 216 sq. mi. There after 202.3 sq. mi.

10/ Data at elevation 748 (limit of 8-7-69 survey). Spillway crest elevation 750 ft.

11/ Natural drainage area. Flow diverted into the reservoir from Stony Gorge drainage basin after 1914.

12/ Spillway elevation (flashboard crest elevation 50,900); USGC Water-Supply Paper 1758-F.

13/ Based on the natural drainage area.

14/ Excluding 3 sq. mi. above P. G. & E. Canal.

15/ The natural drainage area less area above East Park Reservoir. Flow diverted from the basin to East Park Reservoir after 1914.

16/ U. S. Bureau of Reclamation capacity curve (3-31-45); USGS Water-Supply Papers 1635 Part II., 1798-F.

\* Estimated or assumed.

**SUMMARY OF  
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975**

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES)		DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN		AGENCY SUPPLYING DATA
				TOTAL	NET						AC-FT.	TONS	
SACRAMENTO, EEL AND RUSSIAN RIVER BASINS (Continued)													
72-17	Onion Creek No. 2	Onion Cr. Trib. Amer. R.	Soda Springs, CA--	.48	.48	-- 1957	--	.132	.042	--	--	--	FS
	do	do	do	--	--	do 1958	1	.083	.026	--	.1226	--	
	do	do	do	--	--	do 1959	1	.081	.026	--	.0004	--	
	do	do	do	--	--	do 1960	1	.069	.022	--	.0206	--	
72-18	Onion Creek No. 3	do	do	.65	.65	do 1958	--	.191	.062	--	--	--	FE
	do	do	do	--	--	do 1959	--	.205	.067	--	1/0	--	
	do	do	do	--	--	do 1960	1	.186	.061	--	.0273	--	
72-19a	Onion Creek No. 5	do	do	.39	.39	do 1957	--	.177	.058	--	--	--	FE
	do	do	do	--	--	do 1958	1	.112	.037	--	.1248	--	
	do	do	do	--	--	do 1959	1	.101	.033	--	.0256	--	
	do	do	do	--	--	do 1960	1	.046	.015	--	.175	--	
72-20a	Onion Creek No. 7	do	do	.8	.8	do 1958	--	.0754	.025	--	--	--	FE
	do	do	do	--	--	do 1959	1	.0723	.024	--	.0059	--	
	do	do	do	--	--	do 1960	1	.0605	.02	--	.001	--	
72-21	Leo Trentadue	Trib. of Dry Creek	Geyserville, CA--	.038	.037	2/Aug. 1961	--	2/10.3	*.221	--	--	--	FCS
	do	do	do	--	--	do Oct. 1965	4	9.86	*.211	*66	2.97	4,269	
72-22	Hazel Hill	do	do	.175	.173	2/Oct. 1960	--	2/21.5	*.099	--	--	--	FCS
	do	do	do	--	--	do Oct. 1965	5	21.04	*.097	*65	.52	736	
72-23	Babe Wood	do	do	1.69	1.68	2/Oct. 1958	--	2/54.85	*.027	--	--	--	SCS
	do	do	do	--	--	do Nov. 1965	7	46.76	*.023	*78.9	.69	1,186	
72-24	Nielson	Trib. Santa Rosa Creek	Santa Rosa, Calif.	.187	.184	3/Nov. 1960	--	3/17.36	.032	--	--	--	SCS
	do	do	do	--	--	do Nov. 1964	4	16.62	.088	*65	.96	1,359	
72-25	Leo Frediani	Seven Oaks Creek	Healdsburg, Calif.	.594	.592	4/Oct. 1960	--	4/6.78	*.01	--	--	--	SCS
	do	do	do	--	--	do Oct. 1965	5	4.61	*.007	5/87	.73	1,383	
72-26a	Casper Creek - South Fk.	Casper Creek	Casper, Calif.	1.63	1.63	Fall 1962	--	--	--	--	--	--	FS
	do	do	do	--	--	Sum. 1963	8	--	--	--	.054	--	
	do	do	do	--	--	Sum. 1964	1	--	--	--	.028	--	
	do	do	do	--	--	Sum. 1965	1	--	--	--	.139	--	
	do	do	do	--	--	Sum. 1966	1	--	--	--	.119	--	
	do	do	do	--	--	Sum. 1967	1	--	--	--	.068	--	
	do	do	do	--	--	Sum. 1968	1	--	--	--	.083	--	
	do	do	do	--	--	Sum. 1969	1	--	--	--	.143	--	
	do	do	do	--	--	Sum. 1970	1	--	--	--	.091	--	
72-27a	Casper Creek - North Fk.	do	Fort Bragg, Calif.	1.92	1.92	Fall 1962	--	--	--	--	--	--	FS
	do	do	do	--	--	Sum. 1963	78	--	--	--	.039	--	
	do	do	do	--	--	Sum. 1964	1	--	--	--	.043	--	
	do	do	do	--	--	Sum. 1965	1	--	--	--	.425	--	
	do	do	do	--	--	Sum. 1966	1	--	--	--	.491	--	
	do	do	do	--	--	Sum. 1967	1	--	--	--	.037	--	
	do	do	do	--	--	Sum. 1968	1	--	--	--	.033	--	
	do	do	do	--	--	Sum. 1969	1	--	--	--	.242	--	
	do	do	do	--	--	Sum. 1970	1	--	--	--	.141	--	
72-28	McCuire	Virgin Creek	do	.084	.083	6/July 1954	--	7.3	.11	--	--	--	SCS
	do	do	do	--	--	do July 1967	13	7.07	.11	*60	.21	274	
72-29	Lazy Creek	do	Philo, Calif.	.666	.663	6/Aug. 1965	--	26.94	.038	--	--	--	SCS
	do	do	do	--	--	do July 1967	12	19.5	.027	67	.94	1,372	
72-30	Appleton	Unnamed	Healdsburg, Calif.	.166	.161	6/Aug. 1950	--	25.18	.189	--	--	--	FCS
	do	do	do	--	--	do Aug. 1967	17	24.24	.162	59	.37	475	
72-31	M. S. Wilson	Bourns Gulch	Gualala, Calif.	.285	.283	6/July 1952	--	14.06	*.04	--	--	--	SCS
	do	do	do	--	--	do July 1967	15	13.02	*.037	*60	.24	314	
72-32	Black Butte	Stony Creek	Orland, Calif.	741	433	July 1963	--	160,009	--	--	--	--	CE
	do	do	do	--	--	do May 1966	3	157,279	--	*62	2.1	2,836	
	do	do	do	--	--	do Apr. 1975	7	147,754	--	*62	3.14	4,244	
72-33	Highland Creek Dam	Highland Creek	Kelseyville, Calif.	13.6	13.4	Dec. 1965	--	3,234.7	.223	--	--	--	FCS
	do	do	do	--	--	do Apr. 1972	6.3	3,198.9	.221	*70	.42	640	
72-34	Matanzas	Matanzas	Santa Rosa, Calif.	11.6	11.5	June 1964	--	1,500	.121	--	--	--	SCS
	do	do	do	--	--	do Mar. 1972	9	1,411	.114	90	.86	1,686	
KLAMATH, ROGUE, AND UMPQUA RIVER BASINS													
73-1	Emigrant Gap	Emigrant Creek	Ashland, Oreg.	61.6	61.2	Oct. 1924	--	7/8,300	--	--	--	--	BR
	do	do	do	--	--	do Oct. 1951	27	7,500	--	--	.214	--	
73-2	Coyote Creek #1	Trib. South Umpqua R.	Tiller, Oreg.	.267	.267	June 1965	--	8/0.19	.0001	--	--	--	FE
	do	do	do	--	--	do Aug. 1966	1.12	--	--	--	.0052	--	
	do	do	do	--	--	do Aug. 1967	1.01	--	--	--	.0005	--	
	do	do	do	--	--	do Aug. 1968	1	--	--	--	.0016	--	
	do	do	do	--	--	do July 1969	.94	--	--	--	.0002	--	
	do	do	do	--	--	do July 1970	.98	--	--	--	.0019	--	

73-3	Coyote Creek #2	do	do	264	264	June 1965	--	8/.012	.00004	--	--	.0031	--	FS
	do	do	do	--	--	Aug. 1966	1.11	--	--	--	--	.0003	--	
	do	do	do	--	--	Aug. 1967	1.01	--	--	--	--	.0004	--	
	do	do	do	--	--	Aug. 1968	1	--	--	--	--	.0002	--	
	do	do	do	--	--	July 1969	.94	--	--	--	--	.0004	--	
	do	do	do	--	--	July 1970	.98	--	--	--	--	.0004	--	
73-4	Coyote Creek #3	do	do	192	192	June 1965	--	8/.011	.0001	--	--	.0147	--	FS
	do	do	do	--	--	Aug. 1966	1.11	--	--	--	--	.002	--	
	do	do	do	--	--	Aug. 1967	1.01	--	--	--	--	.0023	--	
	do	do	do	--	--	Aug. 1968	1	--	--	--	--	.001	--	
	do	do	do	--	--	July 1969	.94	--	--	--	--	.0057	--	
	do	do	do	--	--	July 1970	.98	--	--	--	--	.0057	--	
73-5	Coyote Creek #4	do	do	188	188	June 1965	--	8/--	--	--	--	.0094	--	FS
	do	do	do	--	--	Aug. 1966	1.11	--	--	--	--	.0009	--	
	do	do	do	--	--	Aug. 1967	1.01	--	--	--	--	.0027	--	
	do	do	do	--	--	Aug. 1968	1	--	--	--	--	.001	--	
	do	do	do	--	--	July 1969	.94	--	--	--	--	.0049	--	
	do	do	do	--	--	July 1970	.98	--	--	--	--	.0049	--	

LOWER COLUMBIA RIVER BASIN AND PACIFIC COAST BASINS IN NORTHERN OREGON

74-1	Condit (White Salmon)	White Salmon River	Underwood, Wash.	337	337	1913	--	2/1,081	--	--	--	.004	--	SCS
	do	do	do	--	--	May 1936	23	1,054	--	--	--	.001	--	SCS
74-2	Lake Harriet (Oak Grove)	Trib. Clackamas River	Portland, Ore.	126	126	Aug. 1924	--	256	.001	--	--	.0013	--	SCS
	do	do	do	--	--	Aug. 1948	24	252	.001	--	--	.0013	--	SCS
74-3	McKay	McKay Creek	Pendleton, Ore.	186	184	Oct. 1926	--	73,737	--	--	--	.07	61	CE
	do	do	do	--	--	July 1946	19.75	73,474	--	*40	--	.165	--	CE
74-4	Cottage Grove	Coast Fk. Willamette R.	Cottage Grove, OR	104	102	Oct. 1942	--	33,060	--	*164	--	.244	--	CE
	do	do	do	--	--	Dec. 1946	5.1	32,873	--	--	--	.037	56	SCS
74-5a	Luther Claypool Pond	Trib. of Beaver Creek	Post, Ore.	1.09	1.09	Oct. 1951	5	3.59	--	*70	--	.085	130	SCS
	do	do	do	--	--	1943	--	1.82	--	--	--	.299	456	SCS
74-6	Paul Jaegar No. 1 Pond	Trib. John Day River	Condon, Ore.	.625	.624	Oct. 1951	8	1.4	--	*70	--	.01	15	SCS
	do	do	do	--	--	1946	--	3.19	--	--	--	.24	366	SCS
74-7	Paul Jaegar No. 2 Pond	Trib. of Rock Creek	do	.468	.467	Oct. 1951	5	2.51	--	*70	--	.03	46	SCS
	do	do	do	--	--	1942	--	3.04	--	--	--	.2	2	SCS
74-8a	Paul Jaegar No. 3 Pond	Trib. John Day River	do	.25	.249	Oct. 1951	7	2.81	--	*70	--	.01	15	SCS
	do	do	do	--	--	1946	--	1.08	--	--	--	.2	305	SCS
74-9	J. M. Wilson Pond	Trib. Deschutes River	Moro, Ore.	1.5	1.5	Oct. 1951	5	.97	--	*70	--	.01	15	SCS
	do	do	do	--	--	1941	--	2.91	--	--	--	.24	366	SCS
74-10	Willard Barnett Pond	Buck Creek	Kent, Ore.	.21	.209	Oct. 1951	10	2.41	--	*70	--	.03	46	SCS
	do	do	do	--	--	1940	--	2	--	--	--	.2	2	SCS
74-11	Arthur Schmidt Pond	Trib. of Buck Creek	Shaniko, Ore.	.115	.114	Oct. 1951	11	1.97	--	*70	--	.03	46	SCS
	do	do	do	--	--	1938	--	250	--	--	--	.045	69	SCS
74-12	Rock Cr. Improvement Co.	Trib. of White River	Tygh Valley, Ore.	5.62	5.6	10/Oct. 1951	13	247	--	*70	--	.227	346	SCS
	do	do	do	--	--	1941	--	1.61	--	--	--	.29	442	SCS
74-13	Vernon Christ Pond	Five Mile Creek	Dufur, Ore.	.089	.088	Oct. 1951	10	1.39	--	*70	--	.2	305	SCS
	do	do	do	--	--	1944	--	2.72	--	--	--	.1	1	SCS
74-14	Milt J. Martin Pond	Mill Creek	The Dalles, Ore.	.07	.069	Oct. 1951	7	2.58	--	*70	--	.01	1	SCS
	do	do	do	--	--	1942	--	2.25	--	--	--	.01	1	SCS
74-15	Hunt Livestock Co. Pond	Trib. of Buck Creek	Shaniko, Ore.	.05	.05	Oct. 1951	9	2.15	--	*70	--	.01	1	SCS
	do	do	do	--	--	1951	9	2.15	--	--	--	.01	1	SCS
74-16	Cold Springs	Cold Springs Canyon	Cold Springs, Ore.	188	186	Feb. 1908	--	49,789	--	--	--	.63	1,070	CE
	do	do	do	--	--	May 1951	43	44,668	--	78	--	.143	--	CE
74-17	Doren	Row River	Cottage Grove, OR	265	252	Oct. 1949	--	77,500	--	--	--	.142	--	FS
	do	do	do	--	--	Sept 1958	8.9	77,150	--	--	--	.0001	--	FS
74-18	H. J. Andrews #1	Trib. Blue River	Blue River, Ore.	.37	.37	Aug. 1965	--	8/.12	.0001	--	--	.011	--	FF
	do	do	do	--	--	Aug. 1966	1.05	--	--	--	--	.214	--	
	do	do	do	--	--	July 1967	.92	--	--	--	--	.243	--	
	do	do	do	--	--	Aug. 1968	.99	--	--	--	--	.332	--	
	do	do	do	--	--	Aug. 1969	.84	--	--	--	--	.095	--	
	do	do	do	--	--	Aug. 1970	.96	--	--	--	--	.0311	--	
74-19	H. J. Andrews #2	do	do	.233	.233	Aug. 1965	--	8/.056	.0001	--	--	0	--	FF
	do	do	do	--	--	Aug. 1966	.98	--	--	--	--	.0013	--	
	do	do	do	--	--	July 1967	.92	--	--	--	--	.0157	--	
	do	do	do	--	--	Aug. 1968	1	.99	--	--	--	.0155	--	
	do	do	do	--	--	Aug. 1969	1	--	--	--	--	.0155	--	
	do	do	do	--	--	Aug. 1970	1	--	--	--	--	.0155	--	
74-20	H. J. Andrews #3	do	do	.391	.391	Dec. 1965	--	8/.061	.00005	--	--	.054	--	FF
	do	do	do	--	--	Apr. 1966	.31	--	--	--	--	.041	--	
	do	do	do	--	--	Aug. 1967	.97	--	--	--	--	.1	--	
	do	do	do	--	--	Aug. 1968	1	--	--	--	--	.076	--	
	do	do	do	--	--	Aug. 1969	1	--	--	--	--	.076	--	
	do	do	do	--	--	Aug. 1970	.96	--	--	--	--	.076	--	

1/ Net sediment loss - treated as 0 gain.  
 2/ Original capacity determined by 1965 survey.  
 3/ Original capacity determined from 1964 survey. Capacity shown is for an elevation 4 ft. below spillway crest.  
 4/ Original capacity obtained during 1965 survey. Total capacity with flashboards = 9.21 ac. ft.  
 5/ From one disturbed and two undisturbed samples.  
 6/ Original capacity determined from 1967 survey.

7/ Based on original topographic survey; believed to be unreliable.  
 8/ Sediment measured and removed periodically.  
 9/ Dam was raised 5 feet in 1927.  
 10/ Built in 1941. Reservoir was thoroughly cleaned in 1945.  
 \* Estimated or assumed.



**SUMMARY OF  
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975**

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQUARE MILES)		DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN		AGENCY SUPPLYING DATA
				TOTAL	NET						AC.-FT.	TONS	
COLUMBIA RIVER BASIN (GRAND COULEE TO UMATILLA) AND PACIFIC COAST DRAINAGE IN WASHINGTON Yakima, Chelan, and Okanogan River Basins													
75-1	Diablo-----	Skaqit River-----	Bellingham, Wash.-	1,100	1,100	July 1930	--	89,220	--	--	--	--	SCS
	---do---	---do---	---do---			July 1936	6	88,862	--	--	-.054	--	
75-2	High Valley Ranch #1 Pd.	Wenas Creek-----	Yakima, Wash.	4.11	4.1	July 1939	--	8.61	--	--	--	--	SCS
	---do---	---do---	---do---			Oct. 1951	12	7.63	--	*70	-.02	30	
75-3	High Valley Ranch #2 Pd.	---do---	Ellensburg, Wash.-	.184	.184	---do---	--	.58	--	--	--	--	SCS
	---do---	---do---	---do---			Oct. 1951	11	.51	--	*70	-.04	61	
75-4	High Valley Ranch #3 Pd.	---do---	---do---	.312	.312	---do---	--	1.53	--	--	--	--	SCS
	---do---	---do---	---do---			Oct. 1951	11	1.42	--	*70	-.03	46	
75-5	Henry Clerf Pond-----	Rye Grass Creek-----	---do---	6.47	6.47	---do---	--	2.38	--	--	--	--	SCS
	---do---	---do---	---do---			Oct. 1951	5	2.02	--	*70	-.01	15	
75-6	Coffin Sheep Co. Pond---	Naches River-----	Yakima, Wash.	.482	.48	---do---	--	2.63	--	--	--	--	SCS
	---do---	---do---	---do---			Oct. 1951	12	2.47	--	*70	-.027	41	
75-7	Fox Creek-----	Fox-----	Ardenvoir, Wash.	1.82	1.82	Sum. 1965	--	1/--	--	--	--	--	FS
	---do---	---do---	---do---			Sum. 1966	1	--	--	110	.0076	18	
	---do---	---do---	---do---			Sum. 1967	1	--	--	--	.0076	18	
	---do---	---do---	---do---			Sum. 1968	1	--	--	--	.0022	5	
	---do---	---do---	---do---			Sum. 1969	1	--	--	--	.0076	18	
	---do---	---do---	---do---			Sum. 1970	1	--	--	--	0	0	
	---do---	---do---	---do---			Sum. 1971	1	--	--	--	.0577	136	
75-8	Burns-----	Burns-----	---do---	2.18	2.18	Sum. 1965	--	1/--	--	--	0	0	FS
	---do---	---do---	---do---			Sum. 1966	1	--	--	--	0	0	
	---do---	---do---	---do---			Sum. 1967	1	--	--	--	0	0	
	---do---	---do---	---do---			Sum. 1968	1	--	--	--	0	0	
	---do---	---do---	---do---			Sum. 1969	1	--	--	--	0	0	
	---do---	---do---	---do---			Sum. 1970	1	--	--	--	0	0	
	---do---	---do---	---do---			Sum. 1971	1	--	--	110	.0366	88	
75-9	McCree-----	McCree-----	---do---	1.985	1.985	Sum. 1965	--	1/--	--	--	0	0	FS
	---do---	---do---	---do---			Sum. 1966	1	--	--	--	0	0	
	---do---	---do---	---do---			Sum. 1967	1	--	--	--	0	0	
	---do---	---do---	---do---			Sum. 1968	1	--	--	--	0	0	
	---do---	---do---	---do---			Sum. 1969	1	--	--	--	0	0	
	---do---	---do---	---do---			Sum. 1970	1	--	--	--	0	0	
	---do---	---do---	---do---			Sum. 1971	1	--	--	110	.0165	40	
75-10	Crabtree-----	Trib. White-----	Auburn, Wash.	.475	.11	May 1967	--	6.92	.01	--	--	--	SCS
	---do---	---do---	---do---			June 1970	3	6.38	.009	*60	1.65	2,156	
75-11	Llewellyn-----	Trib. Goose-----	Wilbur, Wash.	1.25	1.25	July 1957	--	17.52	.26	--	--	--	SCS
	---do---	---do---	---do---			July 1967	10	8.42	.13	*80	.73	1,272	
75-12	Schwisow-----	No name-----	Kitzville, Wash.	4.15	4.15	May 1959	--	3.54	.04	--	--	--	SCS
	---do---	---do---	---do---			May 1969	10	0	--	*80	-.09	157	
75-13	Rex Lyle-----	---do---	---do---	.71	.71	June 1959	--	2.75	--	--	--	--	SCS
	---do---	---do---	---do---			May 1969	10	1.66	.12	*80	-.155	270	
75-14	Schoesler-----	---do---	---do---	.31	.31	June 1951	--	2.24	.37	--	--	--	SCS
	---do---	---do---	---do---			May 1969	18	0	--	*80	-.4	697	
75-15	John Landa (FU 90, BLK. 81)	---do---	Moses Lake, Wash.-	.092	.092	Jan. 1970	--	2/--	--	--	--	--	SCS
	---do---	---do---	---do---			Sept 1970	1	--	--	*60	.8	1,045	
75-16	Shaffer-----	---do---	---do---	.356	.356	June 1958	--	2/--	--	--	--	--	SCS
	---do---	---do---	---do---			Nov. 1970	12	--	--	*60	-.28	366	
75-17	Sun Spiced No. 1-----	---do---	---do---	.17	.17	---do---	--	2/--	--	--	--	--	SCS
	---do---	---do---	---do---			Sept 1970	1	--	--	*60	-.73	954	
75-18	Sun Spiced No. 2-----	---do---	---do---	.8	.8	June 1969	--	2/--	--	--	--	--	SCS
	---do---	---do---	---do---			Sept 1970	1	--	--	*60	-.52	680	
75-19	Sheffels-----	---do---	Wilbur, Wash.	4.77	4.77	Apr. 1963	--	5.1	.02	--	--	--	SCS
	---do---	---do---	---do---			May 1969	6	85	.003	*70	-.15	229	
75-20	Talacky-----	Trib. Crab-----	Edwall, Wash.	2.26	2.26	Apr. 1957	--	13.43	.09	--	--	--	SCS
	---do---	---do---	---do---			June 1964	7	0	--	*80	-.85	1,480	
75-21	Terwilliger (FU 273, BLK. 1)	No Name-----	Warden, Wash.	.05	.05	Apr. 1968	--	2/--	--	--	--	--	SCS
	---do---	---do---	---do---			Dec. 1968	1	--	--	*60	1.4	1,829	
	---do---	---do---	---do---			Dec. 1969	1	--	--	*60	8.6	11,238	
75-22	Roby-----	Goose Creek-----	Davenport, Wash.	4.1	3.85	---do---	--	22.91	.1	--	--	--	SCS
	---do---	---do---	---do---			Apr. 1969	30	2.56	.01	*70	-.175	266	
75-23	District No. 2 Desilting Pond	Drain-----	Grandview, Wash.	.62	.62	---do---	--	1.45	.09	--	--	--	SCS
	---do---	---do---	---do---			Aug. 1973	5	.98	.06	*60	.15	198	



**SUMMARY OF  
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES THROUGH 1975**

DATA SHEET NUMBER	RESERVOIR	STREAM	NEAREST TOWN	DRAINAGE AREA (SQ. MILES)		DATE OF SURVEY	PERIOD BETWEEN SURVEYS (YEARS)	STORAGE CAPACITY (ACRE-FT)	CAPACITY AVG. ANN. INFLOW RATIO (ACRE-FT. PER ACRE-FT.)	SPECIFIC WEIGHT (DRY) (LB. PER CU. FT.)	AVG. ANN. SEDIMENT ACCUMULATION PER SQ. MI. OF NET DR. AREA FOR PERIOD SHOWN		AGENCY SUPPLYING DATA
				TOTAL	NET						AC.-FT.	TONS	
SNAKE RIVER BASIN (FROM KING HILL TO GRANDE RONDE RIVER) (Continued)													
78-3	Pleasant Valley-----	Black's Creek-----	Boise, Idaho-----	*16	*16	-- 1905	--	7,897	--	--	--	--	SCS
78-4	Arrowrock-Boise Project-----	Boise River-----	-----	2,211	2,170	June 1947	42	7,855	--	--	--	--	BR
78-5	Andy Anderson Pond-----	Wester River-----	Cambridge, Idaho-----	--	--	Feb. 1915	--	279,250	.186	--	--	--	SCS
78-6	Milton Branch Pond-----	Trib. of Wester River-----	-----	--	--	Oct. 1947	32.6	271,550	.181	73	109	173	SCS
78-7	W. B. Winninger Pond-----	-----	-----	.614	.59	-- 1905	--	104.2	--	--	--	--	SCS
78-8	Miller Emead Pond-----	Little Willow Creek-----	Payette, Idaho-----	--	--	Aug. 1951	46	100.67	--	*70	.136	207	SCS
78-9	Twin Puddles Pond-----	Trib. of Boise River-----	Boise, Idaho-----	1.61	1.61	-- 1941	--	7.82	--	--	--	--	SCS
78-10	Lambkin Pond-----	-----	Mountain Home, ID-----	.193	.191	Sept 1951	10	7.52	--	*70	.02	30	SCS
78-11	Sand Springs Pond-----	-----	-----	1.07	1.06	Sept 1951	10	4.49	--	*70	.05	75	SCS
78-12	J. J. Colton Pond-----	Trib. of Powder River-----	Keating, Oreg.-----	.484	.483	-- 1939	--	12.18	--	--	--	--	SCS
78-13	Hawkins Pond No. 1-----	Trib. of Clover Creek-----	Westfall, Oreg.-----	.12	--	Oct. 1951	12	1.08	--	*70	.04	61	SCS
78-14	Hawkins Pond No. 2-----	-----	-----	.27	--	-- 1952	--	.84	--	--	--	--	SCS
78-15	Wheaton-----	Wheaton Creek-----	-----	14	--	May 1956	4	1.56	--	--	.079	--	SCS
78-16	K-1 Creek Sediment Dam-----	Trib. Silver Creek-----	Cascade, Idaho-----	.098	.098	May 1952	4	1.52	--	--	.17	--	SCS
78-17	Control Cr. Sediment Dam-----	-----	-----	.775	.775	May 1948	4	6.76	--	--	.18	--	FF
78-18	Cabin Creek Sediment Dam-----	-----	-----	.4	.4	May 1956	8	31.97	--	--	--	--	FF
78-19	Ditch Creek Sediment Dam-----	-----	-----	.41	.41	Aug. 1965	.8	1,008	--	--	.0002	--	FF
78-20	"C" Creek Sediment Dam-----	-----	-----	.75	.75	June 1966	.8	1,020.7	--	--	.0103	--	FF

	do	do	do			June 1967	.98				.007	
	do	do	do			July 1968	1.08				.00011	
	do	do	do			Oct. 1968	.3				.0177	
	do	do	do			June 1969	.6				.04	
	do	do	do			Aug. 1969	.24				0	
	do	do	do			June 1970	.82				.0276	
	do	do	do			Sept 1970	.21				0	
78-21	"D" Creek Sediment Dam			.47	.47	July 1965	--	1/.017				FS
	do	do	do			June 1966	.85				.0017	
	do	do	do			June 1967	.99				.0187	
	do	do	do			July 1968	1.09				.002	
	do	do	do			Nov. 1968	.35				.0036	
	do	do	do			June 1969	.57				.0194	
	do	do	do			Aug. 1969	.22				0	
	do	do	do			June 1970	.82				.0015	
	do	do	do			Sept 1970	.21				0	
78-22	Eggers Cr. Sediment Dam			.5	.5	Aug. 1965	--	1/.013				FS
	do	do	do			June 1966	.81				.0012	
	do	do	do			June 1967	1.01				.0054	
	do	do	do			July 1968	1.08				.0013	
	do	do	do			Nov. 1968	.35				.0012	
	do	do	do			June 1969	.58				2/0	
	do	do	do			Aug. 1969	.21				0	
	do	do	do			June 1970	.82				.013	
	do	do	do			Sept 1970	.21				0	

SNAKE RIVER BASIN (ABOVE KINGS HILL) AND SALMON RIVER BASIN

79-1	Rattlesnake Butte Pond	Big Wood River	Gooding, Idaho	4.81	4.8	Sept 1943	--	25.56				SCS
	do	do	do			Sept 1951	8	23.89		*70	.04	61
79-2	Salmon Falls	Salmon Falls Creek	Rogerson, Idaho	1,560	1,555	Sept 1913	--	229,650				SCS
	do	do	do			Oct. 1955	45	227,282		*50	.034	37
79-3	Pioneer	Glover Creek	Glenns Ferry, ID	183	183	1904	--	1,264				SCS
	do	do	do			Aug. 1934	50+	898			.04	
79-4	Tailholt "A" Cr. Sediment Dam	Triib. S. Fork Salmon	Yellow Pine, Idaho	.845	.84	Aug. 1967	--	1/.0164				FS
	do	do	do			May 1968	.74				.001	
	do	do	do			Oct. 1968	.34				.0002	
	do	do	do			May 1969	.63				.0199	
	do	do	do			Sept 1969	.34				.0017	
	do	do	do			June 1970	.72				.017	
	do	do	do			Sept 1970	.23				0	
79-5	Tailholt "B" Cr. Sediment Dam			.61	.61	Aug. 1967	--	1/.012				FS
	do	do	do			May 1968	.74				.0015	
	do	do	do			Oct. 1968	.4				.0086	
	do	do	do			May 1969	.64				.0156	
	do	do	do			Sept 1969	.34				.0067	
	do	do	do			June 1970	.72				.0159	
79-6	Tailholt "C" Sediment D.			.556	.548	Aug. 1967	--	1/.015				FS
	do	do	do			May 1968	.74				.0039	
	do	do	do			Oct. 1968	.54				.001	
	do	do	do			May 1969	.62				.0273	
	do	do	do			Sept 1969	.27				.0009	
	do	do	do			June 1970	.72				.0134	
79-7	Tailholt Main Sediment D			2.54	2.5			1/.0552				FS
	do	do	do			June 1966	.64				.0066	
	do	do	do			Sept 1966	.29				.0019	
	do	do	do			May 1967	.68				.012	
	do	do	do			Sept 1967	.33				.0148	
	do	do	do			May 1968	.66				.0081	
	do	do	do			Oct. 1968	.4				.0002	
	do	do	do			May 1969	.64				.0191	
	do	do	do			Oct. 1969	.35				.0037	
	do	do	do			June 1970	.6				.0187	
79-8	Circle End Cr. Sediment Dam			1.452	1.452			1/.013				FS
	do	do	do			Apr. 1966	.58				.0169	
	do	do	do			Sept 1966	.42				.0016	
	do	do	do			May 1967	.65				.0159	
	do	do	do			Sept 1967	.35				.0163	
	do	do	do			May 1968	.65				.0052	
	do	do	do			Oct. 1968	.4				.0086	
	do	do	do			Apr. 1969	.54				.0144	
	do	do	do			Sept 1969	.44				.0014	
	do	do	do			June 1970	.7				.0024	
79-9	Indian Fork	Indian Fork	Ririe, Idaho	1.6	1.6	1925*	--	3.5	*.007			SCS
	do	do	do			Sept 1966	41	1.88	*.004	95.3	.025	52
79-10	Rock Creek	Rock Creek	Ammon, Idaho	6.76	6.76	1946*	--	12.6	*.008			SCS
	do	do	do			Aug. 1966	20	8.96	*.006	79.8	.027	45

PUERTO RICO

80-1	Caonillas	Caonillas River	Utuaao, Puerto Rico	4/48.9	47.9	June 1948	--	5/50,149	.566			SCS
	do	do	do			Nov. 1952	4.3	49,683	.563	38.1	1.29	1,070

1/ Pond used to take bedload samples and organic matter.  
 2/ All values lost due to incorrect survey.  
 3/ Total drainage for this dam includes drainage for Tailholt A, B, and C Creeks after 8-22-67.

4/ Caonillas extension project increased the drainage area to 85.5 sq. mi.; put into operation Oct. 1952.  
 5/ Determined by 1952 survey.  
 \* Estimated or assumed.



RESERVOIR SEDIMENT  
DATA SUMMARY

CONCHAS RESERVOIR  
NAME OF RESERVOIR

47-1b  
DATA SHEET NO.

DAM	1. OWNER <u>Corps of Engineers</u>			2. STREAM <u>Canadian and Conchas</u>		3. STATE <u>New Mexico</u>		
	4. SEC. 33 <u>TWP. 14N</u> RANGE <u>26E</u>			5. NEAREST P O. <u>Conchas Dam</u>		6. COUNTY <u>San Miguel</u>		
	7. LAT <u>35° 24' 10"</u> LONG <u>104° 11' 25"</u>			8. TOP OF DAM ELEVATION <u>4240</u>		9. SPILLWAY CREST ELEV. <u>4201</u> <sup>1/</sup>		
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		4,218	13,715	201,834	601,112	1 Jan. 1939	
	b. MULTIPLE USE							
	c. POWER							
	d. WATER SUPPLY						16. DATE NORMAL OPER. BEGAN	
	e. IRRIGATION							
	f. CONSERVATION		4,201	10,073	296,412	399,278	Jan. 1939	
g. INACTIVE		4,155	3,520	102,866	102,866			
WATERSHED	17. LENGTH OF RESERVOIR <u>Canadian 23</u> <sup>2/</sup> MILES			AV. WIDTH OF RESERVOIR <u>4200 Contour 0.75</u> MILES				
	18. TOTAL DRAINAGE AREA <u>7,409</u> SQ. MI.			22. MEAN ANNUAL PRECIPITATION <u>15.2</u> <sup>3/</sup> INCHES				
	19. NET SEDIMENT CONTRIBUTING AREA <u>6,976</u> SQ. MI.			23. MEAN ANNUAL RUNOFF <u>0.4864</u> <sup>4/</sup> (65.6) INCHES				
	20. LENGTH <u>100</u> MILES		AV. WIDTH <u>73</u> MILES		24. MEAN ANNUAL RUNOFF <u>192,200</u> (65.6) AC. F. T.			
	21. MAX. ELEV. <u>13,000</u>		MIN. ELEV. <u>4,074</u>		25. ANNUAL TEMP MEAN <u>49°</u> RANGE <u>20-75</u> <sup>3/</sup>			
SURVEY DATA	26. DATE OF SURVEY <u>5/</u>	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. 1939			Contour	10 feet	13,715	601,112	3.13
	May 1940	1.4	1.4	Range	14 ranges		599,712	3.12
	June 1942	2.1	3.4	Range	24 ranges		585,112	3.04
	Nov. 1942	.4	3.8	Range	28 ranges		581,112	3.02
	Oct. 1944	1.9	5.7	Contour	10 feet	13,349	576,756	3.00
	Feb. 1949	4.3	10.1	Contour	10 feet	13,552	566,163	2.95
	Oct. 1963	14.7	24.83	Range (D)	45 ranges	13,677	550,799	2.87
	Oct. 1970	6.92	31.75	Contour	5 feet	13,664	528,951	2.75
	26. DATE OF SURVEY <u>5/</u>	34. PERIOD ANNUAL PRECIPITATION		35. PERIOD WATER INFLOW, ACRE-Feet			36. WATER INFL. TO DATE, AC.-FT.	
		Inches		a. MEAN ANNUAL	b. MAX. ANNUAL	c. PERIOD TOTAL	a. MEAN ANNUAL	b. TOTAL TO DATE
	May 1940	14.26		72,700		101,780	72,700	101,780
	June 1942	22.40		859,780	1,059,699	1,805,540	560,980	1,907,320
Nov. 1942	12.50		1,079,980		431,990	615,607	2,339,300	
Oct. 1944	14.32		143,750	1,168,350	273,130	458,320	2,612,440	
Feb. 1949	13.68		120,500	158,858	518,140	309,960	3,130,580	
Oct. 1963	13.01		144,340	336,514	2,121,850	211,790	5,252,430	
Oct. 1970	12.04		157,100	394,190	1,087,100	199,670	6,339,530	
26. DATE OF SURVEY <u>5/</u>	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		
May 1940	1,400	6,952	0.996	1,400	1,000	0.143		
June 1942	14,600			16,000	4,710	.675		
Nov. 1942	4,000			20,000	5,260	.754		
Oct. 1944	4,356	2,290	.328	24,356	4,270	.612		
Feb. 1949	10,593	2,460	.353	34,949	3,460	.496		
Oct. 1963	15,364	1,045	.150	50,313	2,030	.291		
Oct. 1970	21,848	3,157	.453	72,161	2,273	.326		
26. DATE OF SURVEY <u>5/</u>	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	
May 1940	75.7*		236	0.17	0.23	16,687	16,687	
June 1942	75.7	1,643	1,113	.78	2.66	9,810	10,177	
Nov. 1942	75.7		1,243	.88	3.33	11,233	10,372	
Oct. 1944	75.7	541	1,009	.71	4.05	19,348	11,310	
Feb. 1949	75.7	581	818	.58	5.81	24,802	13,543	
Oct. 1963	75.7	247	479	.34	8.37	8,748	11,621	
Oct. 1970	75.7	746	537	.38	12.00	24,376	13,808	

\*Estimated

26. DATE OF SURVEY	43. DEPTH DESIGNATION RANGE IN FEET BELOW, AND ABOVE, CREST ELEVATION										
	178-128	128-108	108-88	88-68	68-58	58-48	48-38	38-28	28-Crest	Crest-17	17-29
	PERCENT OF TOTAL SEDIMENT LOCATED WITHIN DEPTH DESIGNATION										
May 1940											
June 1942											
Nov. 1942											
Oct. 1944	16	4	7	10	6	10	15	16	16		
Feb. 1949	13	4	5	9	5	7	11	14	14	16	2
Oct. 1963	9	9	8	15	9	11	13	11	8	7	
Oct. 1970	3	7	12	10	5	6	8	11	33	4	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														
May 1940 <sup>6/</sup>	114	23	3	-26	-16	2									S. Canadian Arm Conchas Arm
	30	22	7	10	18	18									
June 1942	6	3	4	4	22	14	27	18	2						S. Canadian Arm Conchas Arm
	20	21	-12	12	13	27	5	14							
Nov. 1942	6	2	5	8	16	16	29	16	2						S. Canadian Arm Conchas Arm
	-1	0	1	2	19	57	5	14	3						

45. RANGE IN RESERVOIR OPERATION							
WATER YEAR	MAX. ELEV.	MIN. ELEV.	INFLOW, AC.-FT.	WATER YEAR	MAX. ELEV.	MIN. ELEV.	INFLOW, AC.-FT.
1947	4,202.46	4,199.00	129,330	1959	4,200.38	4,193.40	112,620
1948	4,201.46	4,195.63	154,700	1960	4,199.37	4,192.68	131,520
1949	4,200.97	4,192.50	153,260	1961	4,201.75	4,196.55	216,440
1950	4,198.59	4,185.85	131,410	1962	4,201.13	4,193.02	119,280
1951	4,194.68	4,184.24	106,770	1963	4,193.01	4,176.16	76,510
1952	4,184.15	4,168.23	125,930	1964	4,178.58	4,156.05	31,060
1953	4,176.16	4,162.07	107,950	1965	4,201.83	4,157.61	394,190
1954	4,173.22	4,155.80	32,030	1966	4,200.77	4,192.25	108,660
1955	4,190.37	4,157.10	297,760	1967	4,195.35	4,185.79	142,740
1956	4,189.98	4,173.19	51,880	1968	4,193.13	4,183.51	113,130
1957	4,175.40	4,163.80	129,930	1969	4,193.65	4,180.65	192,830
1958	4,201.82	4,173.97	336,510	1970	4,197.55	4,189.30	105,630

46. ELEVATION-AREA-CAPACITY DATA								
ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY
4,230	16,380	709,119	4,180	5,513	173,912	4,110	311	1,299
4,220	14,110	556,724	4,170	4,323	125,102	4,100	2	24
4,218	13,664	528,951	4,160	3,394	86,519	4,090	1	9
4,210	11,845	426,866	4,150	2,642	56,348	4,080		2
4,201	9,692	330,124	4,140	1,959	33,495	4,070	0	0
4,200	9,463	320,546	4,130	1,323	17,170	4,060	0	0
4,190	7,290	237,119	4,120	797	6,690			

47. REMARKS AND REFERENCES
1/ Emergency Spillway Crest at 4218.
2/ Conchas 13.8 miles.
3/ From climatic Atlas dated June 1968.
4/ This figure affected by water taken out above reservoir for irrigation.
5/ Totals computed to end of each month shown.
6/ Only dates computed.

48. AGENCY MAKING SURVEY	Albuquerque District Corps of Engineers	50. DATE	May 1970
49. AGENCY SUPPLYING DATA	Corps of Engineers		





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										50. DATE _____					
49. AGENCY SUPPLYING DATA															

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