SEDIMENT DEPOSITION IN U.S. RESERVOIRS

SUMMARY OF DATA REPORTED 1981-85

September 1992

INTERAGENCY ADVISORY COMMITTEE ON WATER DATA
Subcommittee on Sedimentation

U.S. Department of the Interior
Geological Survey
Office of Water Data Coordination

SEDIMENT DEPOSITION IN U.S. RESERVOIRS

Summary of Data Reported 1981-85

Compiled
under the auspices of the
Subcommittee on Sedimentation
Interagency Advisory Committee on Water Data
September 1992

Participating Federal Agencies

U.S DEPARTMENT OF AGRICULTURE
- Agricultural Research Service
- Forest Service
- Soil Conservation Service

U.S. DEPARTMENT OF THE ARMY
- Corps of Engineers

U.S. DEPARTMENT OF COMMERCE
- National Oceanic and Atmospheric Administration

TENNESSEE VALLEY AUTHORITY

U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

U.S. DEPARTMENT OF THE INTERIOR
- Bureau of Land Management
- Bureau of Mines
- Bureau of Reclamation
- National Park Service
- Office of Surface Mining
- U.S. Fish and Wildlife Service
- U.S. Geological Survey

U.S. DEPARTMENT OF TRANSPORTATION
- Federal Highway Administration

U.S. DEPARTMENT OF ENERGY
- Federal Energy Regulatory Commission

U.S. ENVIRONMENTAL PROTECTION AGENCY

COUNCIL ON ENVIRONMENTAL QUALITY

NUCLEAR REGULATORY COMMISSION

Reston, Virginia
1992

This publication supplements and updates U.S. Department of Agriculture Miscellaneous Publication No. 1362, "Sediment Deposition in U.S. Reservoirs: Summary of Data Reported through 1975," published in 1978 and "Sediment Deposition in U.S. Reservoirs, Summary Data Reported 1976-80," Subcommittee on Sedimentation, Interagency Advisory Committee on Water Data, published 1983.

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ABSTRACT

Data are reported on reservoir locations, drainage areas, survey dates, reservoir storage capacities, ratios of reservoir capacities to average annual inflows, specific weights (dry) of sediment deposits, and average annual sediment-accumulation rates. Reservoirs are grouped by drainage basins established by the Subcommittee on Hydrology, Interagency Advisory Committee on Water Data. This publication supplements and updates U.S. Department of Agriculture Miscellaneous Publication (MP) No. 1362, "Sediment Deposition in U.S. Reservoirs: Summary of Data Reported through 1975" and "Sediment Deposition in U.S. Reservoirs: Summary Data Reported 1976-80," Interagency Advisory Committee on Water Data, Subcommittee on Sedimentation.

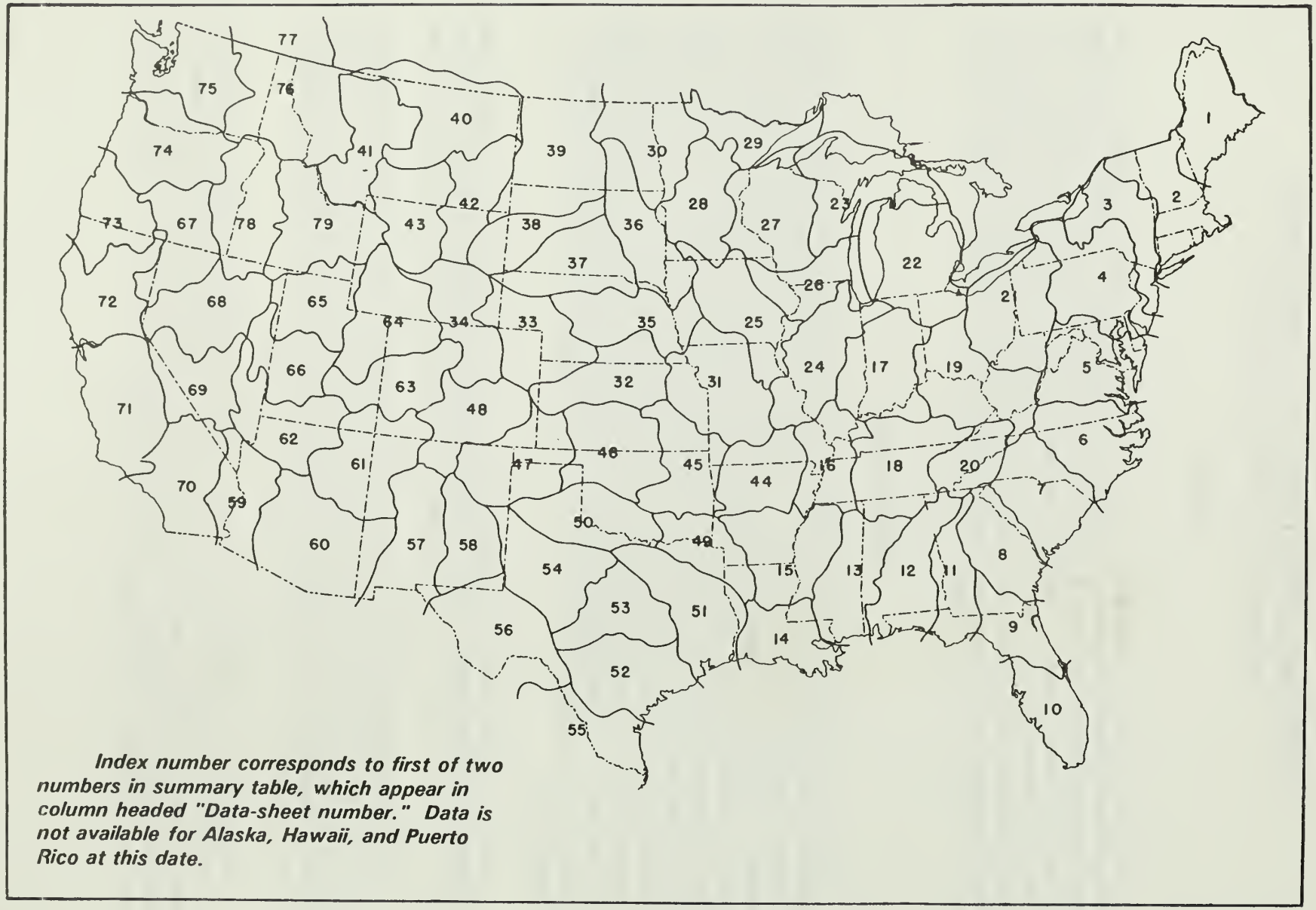
INTRODUCTION

Data from reservoir sedimentation surveys made from January 1981 to December 1985 are summarized in this publication. This publication supplements and updates two previous reports: (1) "Sediment Deposition in U.S. Reservoirs: Summary of Data Reported through 1975," U.S. Department of Agriculture Miscellaneous Publication (MP) 1362 and (2) "Sediment Deposition in U.S. Reservoirs: Summary of Data Reported 1976-80," Subcommittee on Sedimentation, Interagency Advisory Committee on Water Data. MP 1362 contains data from all surveys made and reported prior to 1976; the latter publication includes data from surveys made before 1976 only if new surveys were made during the period 1976-80. This publication includes (1) data from surveys made before 1980 only if new surveys were made during the period 1981-85 and (2) data for surveys that were made before 1981, but that were not reported in previous editions. If no new surveys on a particular reservoir were made since 1975, the complete historical survey record for that reservoir is contained in MP 1362 and is not repeated here.

Accuracy of the survey data varies greatly. Field surveys ranged from reconnaissance measurements of sediment depth at a few locations to detailed surveys based on closely spaced cross sections or contours. Surveys were not classified on the basis of the degree of accuracy of each survey.

Detailed information about each reservoir listed in the summary table is given in a supplement to this publication or in supplements to previous editions. Because of the bulk and volume of the detailed information, the supplements are not distributed to all recipients of this publication. Requests for information not contained in the summary table should be directed to the agency that supplied the data (see "Agency supplying data" column, and acronyms shown on page 4).

Information in this publication and in the supplements should be useful to specialists in government agencies or the private sector who are concerned with problems of reservoir sedimentation. Engineers, scientists, consulting firms, and local government agencies who have data on similar reservoir sedimentation surveys are encouraged to make this information available to the Subcommittee on Sedimentation for inclusion in future editions of this publication.



Index number corresponds to first of two numbers in summary table, which appear in column headed "Data-sheet number." Data is not available for Alaska, Hawaii, and Puerto Rico at this date.

Figure 1.--Index map of drainage basins.

ACKNOWLEDGMENTS

Personnel in many Federal, State, and local government agencies made the engineering surveys and provided the reservoir data lists on the summary sheets. The efforts of these agencies are gratefully acknowledged.

EXPLANATION OF SUMMARY

Two dashes (--) in the summary table indicate that data were unavailable or not applicable to the reservoir.

Reservoirs are grouped by drainage basins. Drainage-basin boundaries, established by the Subcommittee on Hydrology, Interagency Advisory Committee on Water Data, are shown on the index map (fig. 1). The first of the hyphenated "data-sheet numbers" listed in the summary table indicates the drainage basin in which that reservoir is located. The second number, which is assigned as the data are summarized, identifies a particular reservoir within that basin; for example, 13-2. When another sheet is prepared with additional survey data for a particular reservoir, the "data-sheet number" is modified by adding a letter; for example, 13-2a, 13-2b, and so on. Thus, each successive letter change indicates an update of the data from the previous summary.

"Total drainage area" (reported in square miles) 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, total drainage area values, as published in the Water-Supply Papers of the U.S. Geological Survey, are usually used. "Net drainage area" is the sediment-contributing area and generally excludes the reservoir area and drainage areas above any upstream reservoirs or other structures that act as sediment traps.

The earliest "date of survey" usually corresponds to the beginning of storage, when sediment deposition began. However, for some reservoirs the earliest date is the date of the first survey made after the reservoir had begun operation.

For most reservoirs, "storage capacity" (reported in acre-feet) is the total storage below the level of the crest of ungated spillways or below the level of the tops of the gates (less gate-height freeboard, if any) of gated spillways. Where capacity values below the spillway-crest elevation are given, footnotes explain each entry.

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

"Specific weight" (dry) (pounds per cubic feet) of sediment deposits is an average or weighted value for the reservoir, usually determined from samples. Because these samples vary in depth and location within the reservoir, specific weight is generally an approximation. The entry is marked by an asterisk (*) if it was assumed or calculated from the size-frequency gradation of deposits.

"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 a footnote.

When the latest survey or a previous survey 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; for others, it was not.

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

ARS	Agriculture Research Service
BR	Bureau of Reclamation
CE	Corps of Engineers
FS	Forest Service
GS	U.S. Geological Survey
IWS	Illinois State Water Survey
SCS	Soil Conservation Service
TVA	Tennessee Valley Authority

REPORTING RESERVOIR SEDIMENT DATA

An example of a completed "Reservoir Sediment Data Summary" form is shown on page 59 (fig. 2) of this publication. This sheet is a convenient and standard form for reporting results of reservoir surveys. Readers, particularly engineers and scientists in private sector or in State and local government agencies, are encouraged to prepare and submit data sheets for summary surveys for which they have data, but that are not included in this publication. A blank data summary form is enclosed as a tear out sheet on page 61 (fig. 3). Additional data summary sheets can be obtained from the Washington, D.C., offices of any of the Departments listed on the title page, or the data summary form can be reproduced. Completed forms can be sent to any of the government agencies represented on the Subcommittee on Sedimentation (see title page) for inclusion in later editions of this publication. Private sector contributions may be sent to any of the listed agencies or directly to:

Chief, Office of Water Data Coordination
U.S. Geological Survey
417 National Center
Reston, VA 22092

SUMMARY OF
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES

Data-sheet number	Reservoir	Stream	Nearest town	Drainage area (square miles) Total	Drainage area (square miles) Net	Date of survey	Period between surveys (years)	Storage capacity (acre-feet)	Capacity average annual inflow ratio (acre-feet per acre-feet)	Specific weight (dry) (pounds per cubic feet)	Average annual sediment accumulation per square mile of net drainage area for period shown: Acre-feet	Average annual sediment accumulation per square mile of net drainage area for period shown: Tons	Agency supplying data
				ST. JOHN MACHIAS, PENOBSCOT, KENNEBEC, ANDROSCROGGIN, AND PRESUMPSCOT RIVER BASINS									
1-2	Limestone #3	Webster Brook	Limestone, ME	4.06	3.9	Sep 1969	--	1,916	0.442	--	--	--	SCS
	do	do	do	--	--	Oct 1977	8.3	1,886	.435	'50	2.21	2,407	
	do	do	do	--	--	Jun 1982	4.83	1,800	.415	'55	6.51	8,208	
				HOUSATONIC, CONNECTICUT, THAMES, AND MERRIMACK RIVER BASINS									
2-16	Hubbard Brook Exp. WS, Wier #3	Trib. of Hubbard Brook	W Thornton, NH	.164	.164	-- 1957	--	'.074	--	--	--	--	FS
	do	do	do	--	--	Jul 1981	24	--	--	23.8	.005	15.5	
2-17	Oliverian Res.	Oliverian Brook	East Haverill, NH	10.6	10.57	Sep 1962	--	1,814	.0164	--	--	--	SCS
	do	do	do	--	--	Sep 1972	10.0	1,810	.0160	'47.3	.405	39	
	do	do	do	--	--	Jun 1982	9.8	1,808	.016	47.3	.168	16	
2-18	Souhegan R #10a	Trib. Story Brook	Wilton, NH	6.42	5.97	Jun 1971	--	1,499	.186	--	--	--	SCS
	do	do	do	--	--	Sep 1981	10.19	1,498	.185	43.8	.159	25	
				HUDSON RIVER BASIN AND ST. LAWRENCE DRAINAGE IN NEW YORK									
3-6a	Stony Brook #5	Baldwin Cr	Pennington, NJ	2.51	2.40	Aug 1962	--	140	.058	--	--	--	SCS
	do	do	do	--	--	Mar 1971	8.6	134	.055	52	.287	315.3	
	do	do	do	--	--	Mar 1976	5.0	129	.053	'55	.41	514.3	
	do	do	do	--	--	Mar 1981	5.0	127	.053	'55	.132	158	
3-7	Stony Brook #3	Baldwin Cr	Pennington, NJ	1.46	1.41	Jan 1971	--	211	.041	--	--	--	SCS
	do	do	do	--	--	Sep 1975	4.67	197	.131	47	2.19	2,242	
	do	do	do	--	--	Apr 1980	--	190	.127	47.87	.95	102	

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				SUSQUEHANNA AND DELAWARE RIVER BASINS									
4-7b	Atkisson Res.	Winter's Run	Belair, MD	45.46	45.35	-- 1942	--	896	0.025	--	--	--	SCS
	do	do	do	--	--	-- 1954	--	705	.019	'60	0.351	459	
	do	do	do	--	--	-- 1965	--	617	.017	60.1	.177	232	
	do	do	do	--	--	-- 1980	--	215	.006	60.1	.590	773	
4-22a	Kaercher Cr PA 476	Kaercher Cr	Hamburg, PA	.50	.49	Dec 1965	--	69.2	.108	--	--	--	SCS
	do	do	do	--	--	Sep 1975	9.75	68.2	.106	57.7	.22	277	
	do	do	do	--	--	Jun 1985	9.75	66.5	.104	70.1	.28	598	
4-23a	Martin Cr PA 467	Trib. Martin Cr	Kingsley, PA	.80	.79	Sep 1967	--	136	.16	--	--	--	SCS
	do	do	do	--	--	Sep 1975	8.0	136	.16	67.3	.09	132	
	do	do	do	--	--	Jun 1985	9.7	136	.16	90.1	.20	614	
4-25a	Green-Dreher PA 446	Taylor Cr	South Sterling, PA	4.8	4.7	Aug 1963	--	986	.14	--	--	--	SCS
	do	do	do	--	--	Jul 1976	12.9	983	.13	'65	.039	55	
	do	do	do	--	--	Aug 1986	10.1	980	.13	86	.118	152	
4-26a	Little Schuylkill PA 425	Koenig	New Ringold, PA	1.09	1.08	Jul 1962	--	245	.17	--	--	--	SCS
	do	do	do	--	--	Jul 1976	13.9	241	.16	79.4	.24	424	
	do	do	do	--	--	Aug 1986	10.1	239	.15	'79.4	.22	398	
				CHOWAN, ROANOKE, TAR, NEUSE, AND CAPE FEAR RIVER BASINS									
6-18	Byrum Pond	Trib. L Prince	Windsor, Va	.138	.130	Apr 1976	--	30.1	.23	--	--	--	SCS
	do	do	do	--	--	Apr 1985	9.0	26.5	.20	53	2.95	3,428	

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				PEE DEE, SANTEE, AND EDISTO RIVER BASINS									
7-20	L Moultrie	W Br Cooper R	Moncks Corner, SC	14,900	200	Nov 1941	--	1,061,600	--	--	--	--	GS
	do	do	do	--	--	-- 1984	43	1,060,000	0.10	97	0.5	1,056	
7-21	L Marion	Santee R	Pineville, SC	14,700	12,130	Nov 1941	--	1,454,000	.13	--	--	--	GS
	do	do	do	--	--	-- 1984	43	1,425,000	.13	46	.056	56	
				APALACHICOLA AND OCHLOCKONEE RIVER BASINS									
11-5	Bridge-Ochlocknee #8	Big Cr	Moultrie, GA	1.04	.99	-- 1974	--	223	--	--	--	--	SCS
	do	do	do	--	--	-- 1981	7	218	.42	34	.74	553	
11-6	Bull Cr #4	Cooper Cr	Columbus, GA	1.35	1.30	-- 1977	--	433	--	--	--	--	SCS
	do	do	do	--	--	-- 1985	8	427	.29	56	.60	747	
				CHOCTAWHATCHEE, YELLOW, ESCAMBIA, AND ALABAMA RIVER BASINS									
12-11	Mill Cr #7	Mill Cr	Dalton, GA	9.63	9.38	-- 1976	--	1,633	--	--	--	--	SCS
	do	do	do	--	--	-- 1982	6	1,596	.13	46	.65	647	
				LOWER MISSISSIPPI RIVER (HELENA TO NATCHEZ) Yazoo, Big Black, and Ouachita River basins									
15-39	Black Cr #Y-36-53	Chicopa Cr	Lexington, MS	19.07	18.14	Apr 1969	--	5,591	--	--	--	--	SCS
	do	do	do	--	--	Oct 1983	14.5	4,683	.22	86	3.45	7,097	

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				LOWER MISSISSIPPI RIVER BASIN (CHESTER TO HELENA) St. Francis River basin									
16-34	Caney Cr MPS #2	Bennett Fk	Caneyville, KY	5.77	5.65	Nov 1965	--	--	--	--	--	--	SCS
	do	do	do	--	--	May 1970	4.5	1,355	0.33	78	1.01	1,710	
				--	--	-- 1982	12	1,355	.33	77	.97	1,603	
16-47	Reelfoot Indian Cr #7	Taylor Cr	Union City, TN	5.41	5.08	Oct 1972	--	4,855	--	--	--	--	SCS
	do	do	do	--	--	Aug 1982	9.8	4,683	.22	86	3.45	7,097	
				OHIO RIVER (MADISON TO UNIONTOWN) Wabash River basin									
17-26a	Upper Wabash #1	Wabash R	New Wetson, OH	13.07	12.83	Jun 1964	--	1,550	.24	--	--	--	SCS
	do	do	do	--	--	Aug 1971	7.2	1,522	.24	56	.31	373	
	do	do	do	--	--	Aug 1981	10.0	1,455	.23	54	.52	615	
17-27a	Upper Wabash #2	Trib. Wabash R	Burketsville, OH	1.12	1.07	Oct 1963	--	123	.22	--	--	--	SCS
	do	do	do	--	--	Mar 1972	8.3	116	.21	*80	.84	1,467	
	do	do	do	--	--	Apr 1982	10.1	116	.21	*80	.0	0	
17-33	Freeman L	Valley Cr	Elizabethtown, KY	5.05	4.8	-- 1972	--	--	--	--	--	--	SCS
	do	do	do	--	--	-- 1981	9.4	1,715	.37	82	1.59	2,551	
				TENNESSEE RIVER (BELOW HALES BAR DAM) Cumberland and Green River basins									
18-10	Old Hickory	Cumberland R	Old Hickory, TN	2776	1404	Jun 1954	--	467,000	--	--	--	--	CE
	do	do	do	--	--	Jun 1965	11	453,000	--	--	.436	--	
	do	do	do	--	--	Sep 1980	15	451,900	--	--	.086	--	

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				TENNESSEE RIVER (BELOW HALES BAR DAM)--Continued Cumberland and Green River basins--Continued									
18-13a	Upper Green R #5	S Fk Green R	Waynesburg, KY	1.44	1.41	Sep 1955	--	321	0.22	--	--	--	SCS
	do	do	do	--	--	Apr 1966	10.5	317	.22	60	0.28	364	
	do	do	do	--	--	Jun 1971	5.16	307	.21	--	1.3	1,670	
	do	do	do	--	--	-- 1983	12	257	.17	60	.6	953	
18-19	Mill Cr MPS #4	Mill Cr	Tompkinsville, KY	7.26	7.09	-- 1970	--	1,892	--	--	--	--	SCS
	do	do	do	--	--	-- 1983	13	1,848	.001	68	.48	706	
				OHIO RIVER BASIN (POINT PLEASANT TO MADISON) Kanawha, Big Sandy, Licking, Kentucky, Scioto, and Miami River basins									
19-60a	Grayson L	Little Sandy R	Leon, KY	196	193.6	Aug 1965	--	29,400	.174	--	--	--	CE
	do	do	do	--	--	Dec 1974	9.33	29,000	.172	'60	.22	291	
	do	do	do	--	--	Sep 1982	7.77	28,300	.168	'60	--	--	
19-65a	Dewey L	Johns Cr	Van Lear, KY	206	200.8	Jan 1953	--	93,300	.554	--	--	--	CE
	do	do	do	--	--	Nov 1973	20.78	92,100	.547	55	.28	335	
	do	do	do	--	--	Nov 1975	1.98	91,000	.545	55	.73	874	
	do	do	do	--	--	Jul 1978	2.71	91,400	.541	55	.82	984	
	do	do	do	--	--	May 1984	5.85	90,800	.534	55	.53	634	
19-66	N Fk of Pound L	N Fk Pound R	Pound, VA	17.2	17	Sep 1964	--	3,180	--	--	--	--	CE
	do	do	do	--	--	Mar 1974	9.56	3,150	--	'55	.17	207	
	do	do	do	--	--	May 1982	8.19	--	--	--	--	--	
19-67	Paint Cr L	Paint Cr	Bainbridge, OH	573	571	Apr 1974	--	20,313	.048	--	--	--	CE
	do	do	do	--	--	Aug 1979	5.4	19,086	.045	'65	.40	563	

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				TENNESSEE RIVER BASIN (ABOVE HALES BAR DAM)									
20-31	Coweeta Watershed 2	Shope Br	Otto, NC	0.0484	0.0484	Jun 1974	--	--	--	--	--	--	FS
	do	do	do	--	--	Jun 1980	6.04	--	--	11	0.039	9	
				OHIO RIVER BASIN (ABOVE POINT PLEASANT) AND LAKE ERIE DRAINAGE Alleghany and Monogahela River basins									
21-22c	Loyalhanna	Loyalhanna Cr	Saltsburg, PA	290	285	Jun 1942	--	95,300	--	--	--	--	CE
	do	do	do	--	--	Oct 1948	6.33	94,652	.28	'44	.358	343	
	do	do	do	--	--	Sep 1953	4.92	94,192	.27	44	.326	312	
	do	do	do	--	--	Apr 1962	8.58	93,501	.27	'44	.284	272	
	do	do	do	--	--	Sep 1983	21.42	92,086	.28	'44	.232	222	
21-23c	Mahoning Cr	Mohoning Cr	Dayton, PA	340	336	Jun 1941	--	74,200	--	--	--	--	CE
	do	do	do	--	--	Aug 1948	7.2	73,807	.19	'65	.162	229	
	do	do	do	--	--	Jun 1965	16.8	72,800	.18	43	.178	167	
	do	do	do	--	--	Dec 1984	19.5	72,296	.17	'43	.076	72	
21-24c	Crooked Cr	Crooked Cr	Ford City, PA	277	274	Apr 1940	--	93,900	--	--	--	--	CE
	do	do	do	--	--	Sep 1945	5.4	93,808	.31	'65	.062	88	
	do	do	do	--	--	Aug 1964	18.9	92,376	.30	51	.277	308	
	do	do	do	--	--	Oct 1984	20.2	92,042	.31	'51	.060	67	
21-27b	Atwood L	Indian Fk	Sherrodsville, OH	70	67.6	Apr 1940	--	23,600	.416	--	--	--	CE
	do	do	do	--	--	Aug 1981	41.4	22,560	.398	'65	.37	524	
21-59b	Upper Hocking #1	Hunters Run	Lancaster, OH	1.04	.94	May 1956	--	450	.88	--	--	--	SCS
	do	do	do	--	--	Jun 1962	6.1	446	.87	72	.68	1,060	
	do	do	do	--	--	Aug 1971	9.2	444	.87	48	.28	--	
	do	do	do	--	--	Sep 1981	10.0	439	.86	76	.49	1,320	
21-60a	Beach City L	Sugar Cr	Beach City, OH	300	299.3	Nov 1936	--	71,700	.36	--	--	--	CE
	do	do	do	--	--	Jun 1984	47.6	65,860	.33	'65	.42	599	

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				OHIO RIVER BASIN (ABOVE POINT PLEASANT) AND LAKE ERIE DRAINAGE--Continued Alleghany and Monogahela River basins--Continued									
21-64a	Upper Hocking #2	Hunters Run	Lancaster, OH	1.87	1.82	Apr 1956	--	810	0.64	--	--	--	SCS
	do	do	do	--	--	Jun 1961	5.0	804	.63	68	1.19	976	
	do	do	do	--	--	Aug 1971	10.2	795	.62	59	.85	683	
	do	do	do	--	--	Feb 1973	16.7	800	.63	59	.33	426	
	do	do	do	--	--	Sep 1981	8.5	770	.60	62	1.94	2,657	
21-68	Fernow Exp. WS #1	Trib. Elk Lick	Parsons, WV	.116	--	Jul 1964	.7	.025	.0002	53	--	27	FS
	do	do	do	--	--	Jul 1965	1.0	--	--	--	--	18	
	do	do	do	--	--	Sep 1966	1.2	--	--	--	--	26	
	do	do	do	--	--	Aug 1968	1.9	--	--	--	--	27	
	do	do	do	--	--	Aug 1970	2.0	--	--	--	--	33	
	do	do	do	--	--	Aug 1973	3.0	--	--	--	--	24	
	do	do	do	--	--	Oct 1975	2.2	--	--	--	--	16	
	do	do	do	--	--	Jul 1978	2.7	--	--	--	--	27	
	do	do	do	--	--	May 1982	2.0	.025	.0002	53	--	52	
	do	do	do	--	--	Jul 1985	3.1	.025	.0002	53	--	55	
	do	do	do	--	--	Feb 1986	.6	.025	.0002	73	--	439	
	do	do	do	--	--	Sep 1987	1.5	.025	.0002	53	--	14	
	do	do	do	--	--	Oct 1989	2.1	.025	.0002	53	--	23	
	do	do	do	--	--	Jun 1991	1.6	.025	.0002	53	--	37	
21-69	Fernow Exp. WS #2	Trib. Elk Lick	Parsons, WV	.06	--	Jul 1964	.7	.017	.0002	53	--	36	FS
	do	do	do	--	--	Jul 1965	1.0	--	--	--	--	23	
	do	do	do	--	--	Aug 1968	3.1	--	--	--	--	17	
	do	do	do	--	--	Aug 1970	2.0	--	--	--	--	32	
	do	do	do	--	--	Aug 1973	3.0	--	--	--	--	37	
	do	do	do	--	--	Oct 1975	2.2	--	--	--	--	17	
	do	do	do	--	--	Jul 1978	2.7	--	--	--	--	34	
21-70	Fernow Exp. WS #3	Trib. Elk Lik	Parsons, WV	0.13	--	Jul 1964	.7	.031	.0002	53	--	29	FS
	do	do	do	--	--	Jul 1965	1.0	--	--	--	--	16	
	do	do	do	--	--	Aug 1967	2.1	--	--	--	--	20	
	do	do	do	--	--	Aug 1968	1.0	--	--	--	--	29	

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				OHIO RIVER BASIN (ABOVE POINT PLEASANT) AND LAKE ERIE DRAINAGE--Continued									
				Alleghany and Monogahela River basins--Continued									
21-70	Fernow Exp. WS #3	Trib. Elk Lik	Parsons, WV	--	--	Aug 1970	2.0	--	--	--	--	43	
	do	do	do	--	--	Aug 1973	3.0	--	--	--	--	20	
	do	do	do	--	--	Oct 1975	2.2	--	--	--	--	26	
21-71	Fernow Exp. WS #4	Trib. Elk Lick	Parsons, WV	0.15	--	Jul 1964	.7	0.029	0.0001	53	--	18	FS
	do	do	do	--	--	Sep 1966	2.2	--	--	--	--	7	
	do	do	do	--	--	Aug 1968	1.9	--	--	--	--	7	
	do	do	do	--	--	Aug 1970	2.0	--	--	--	--	8	
	do	do	do	--	--	Aug 1973	3.0	--	--	--	--	10	
	do	do	do	--	--	Oct 1975	2.2	--	--	--	--	10	
	do	do	do	--	--	Jul 1978	2.7	--	--	--	--	13	
	do	do	do	--	--	May 1980	1.0	.029	.0001	53	--	2	
	do	do	do	--	--	May 1981	1.0	.029	.0001	53	--	3	
	do	do	do	--	--	May 1982	1.0	.029	.0001	53	--	3	
	do	do	do	--	--	May 1983	1.0	.029	.0001	53	--	2	
	do	do	do	--	--	May 1984	1.0	.029	.0001	53	--	2	
	do	do	do	--	--	May 1985	1.0	.029	.0001	53	--	3	
	do	do	do	--	--	May 1986	1.0	.029	.0001	53	--	15	
	do	do	do	--	--	May 1987	1.0	.029	.0001	53	--	2	
	do	do	do	--	--	May 1988	1.0	.029	.0001	53	--	3	
21-72	Fernow Exp. WS #5	Trib. Elk Lick	Parsons, WV	.14	--	Jul 1964	.7	.032	.0001	53	--	28	FS
	do	do	do	--	--	Aug 1967	3.1	--	--	--	--	18	
	do	do	do	--	--	Aug 1968	1.0	--	--	--	--	22	
	do	do	do	--	--	Aug 1970	2.0	--	--	--	--	23	
	do	do	do	--	--	Aug 1973	3.0	--	--	--	--	23	
21-73	Fernow Exp. WS #6	Trib. Elk Lick	Parsons, WV	.09	--	Jul 1974	.7	.026	.0002	53	--	37	FS
	do	do	do	--	--	Jul 1965	1.0	--	--	--	--	23	
	do	do	do	--	--	Jul 1967	2.1	--	--	--	--	35	
	do	do	do	--	--	Aug 1968	1.0	--	--	--	--	39	
	do	do	do	--	--	Aug 1973	5.0	--	--	--	--	8	

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				OHIO RIVER BASIN (ABOVE POINT PLEASANT) AND LAKE ERIE DRAINAGE--Continued									
				Alleghany and Monogahela River basins--Continued									
21-73	Fernow Exp. WS #6	Trib. Elk Lick	Parsons, WV	--	--	Oct 1975	2.2	--	--	--	--	10	
	do	do	do	--	--	Aug 1976	.8	--	--	--	--	29	
	do	do	do	--	--	Jul 1978	1.9	--	--	--	--	23	
21-74	Fernow Exp. WS #7	Trib. Elk Lick	Parsons, WV	0.09	--	Jul 1964	0.7	0.024	0.0001	53	--	21	FS
	do	do	do	--	--	Aug 1968	4.1	--	--	--	--	9	
	do	do	do	--	--	Aug 1973	5.0	--	--	--	--	9	
	do	do	do	--	--	Oct 1975	2.2	--	--	--	--	14	
	do	do	do	--	--	Aug 1976	.8	--	--	--	--	27	
	do	do	do	--	--	Jul 1978	1.9	--	--	--	--	27	
	do	do	do	--	--	Oct 1981	3.2	.024	.0001	53	--	23	
	do	do	do	--	--	Aug 1985	4.0	.024	.0001	53	--	39	
	do	do	do	--	--	June 1989	3.8	.024	.0001	53	--	16	
21-75	Fernow Exp. WS #9	Trib. Clover Run	Parsons, WV	.04	--	Jul 1964	.7	.026	.0004	53	--	74	FS
	do	do	do	--	--	Sep 1966	2.2	--	--	--	--	43	
	do	do	do	--	--	Aug 1968	1.9	--	--	--	--	50	
	do	do	do	--	--	Aug 1970	2.0	--	--	--	--	41	
21-76	Jacobs Cr PA-657	Jacobs Cr	Acme, PA	2.63	2.51	Sep 1974	--	527	.15	--	--	--	SCS
	do	do	do	--	--	Aug 1985	10.9	511	.15	81	0.56	983	
21-77	Dunlap Cr PA-470	Dunlap Cr	Uniontown, PA	1.18	1.11	Sep 1974	--	1,065	.68	--	--	--	SCS
	do	do	do	--	--	Aug 1985	11.9	1,049	.67	82	1.22	2,174	
21-78	Pine Cr #8	Trib. Sperry Fk	Hanging Rock, OH	2.12	2.00	Feb 1973	--	404	.24	--	--	--	SCS
	do	do	do	--	--	Aug 1983	10.5	399	.24	73	.23	367	
21-79	Margaret Cr #2	Trib. Margaret Cr	Albany, OH	4.04	4.00	Jul 1971	--	2,828	.86	--	--	--	SCS
	do	do	do	--	--	Aug 1983	12.1	2,638	.81	56	3.9	4,828	

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				OHIO RIVER BASIN (ABOVE POINT PLEASANT) AND LAKE ERIE DRAINAGE--Continued Alleghany and Monogahela River basins--Continued									
21-80	Wolf Run	Trib. W Fk Duck Cr	Belle Valley, OH	5.68	5.68	-- 1966	--	6,996	1.5	--	--	--	SCS
	do	do	do	--	--	Sep 1976	10	5,750	1.3	--	21.9	--	
	do	do	do	--	--	Jun 1986	9.8	5,176	1.2	35	10.3	--	
				UPPER MISSISSIPPI RIVER BASIN (LOUISIANA TO CHESTER) Illinois, Kaskaskia, and Meramec River basins									
24-66	L Shelbyville	Kaskaskia R	Shelbyville, IL	1054	1015	Apr 1970	--	676,203	.97	--	--	--	CE
	do	do	do	--	--	Nov 1980	10.6	667,989	.96	47.4	.76	785	
				UPPER MISSISSIPPI RIVER BASIN (ABOVE ST. PAUL)									
28-4	LaBolt Imp.	Trib. of Yellow Bank	LaBolt, SD	17.4	17.4	-- 1939	--	--	--	--	--	--	GS
	do	do	do	--	--	Feb 1983	44	--	--	--	--	--	
28-5	Hwy. 75 (Bigstone Whetstone)	Minnesota R	Odessa, MN	--	--	-- 1974	10	--	--	--	--	--	GS
28-6	Dillon Styltie Imp.	Trib. Yellow Medicine	Porter, MN	4.8	--	-- 1983	8	--	--	--	--	--	GS
				RED RIVER OF THE NORTH BASIN									
30-20	Erie Dam	Trib. Rush R	Erie, ND	11.15	8.0	Jul 1970	--	1,933	5.42	--	--	--	SCS
	do	do	do	--	--	Sep 1981	11.16	1,900	5.33	50	.36	392	
30-21	Mt. Carmel	Little S Pembina	Langdon, ND	62.4	61.9	Mar 1971	--	5,985	2.77	--	--	--	SCS
	do	do	do	--	--	Aug 1981	10.4	5,909	2.73	40	.12	105	

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					RED RIVER OF THE NORTH BASIN--Continued								
30-22	Upper Turtle #6	Trib. Turtle R	Niagara, ND	11.20	11.18	Sep 1973	--	1,584	8.85	--	--	--	SCS
	do	do	do	--	--	Sep 1983	10.0	1,580	8.82	40	0.04	35	
30-23	Big Coulee	Big Coulee	Bisbee, ND	108.0	78.0	Nov 1968	--	1,797	.59	--	--	--	SCS
	do	do	do	--	--	May 1985	16.5	1,695	.56	40	.08	69	
					MISSOURI RIVER (NEBRASKA CITY TO HERMANN) Marais de Cygnes-Osage, Gasconade, Lower Kansas, and Grand River basins								
31-71a	White Clay, Brewery, SCS	Trib. White Whiskey #14	Atchison, KS Clay Cr	.45	.41	Sep 1961	--	312	2.13	--	--	--	
	do	do	do	.45	.41	May 1977	15.7	292	2.0	53	3.02	3,491	
	do	do	do	--	--	Oct 1984	7.3	255	1.7	--	[b]10.0	[b]8,930	
31-72a	Walnut Cr W-2	Trib. Walnut Cr	Hiawatha, KS	.77	.63	Mar 1964	--						
	do	do	do	.77	.63	Jun 1977	13.3	189.4	.824	51	--	--	SCS
	do	do	do	--	--	Oct 1984	7.3	206	.7	--	[b]4.5	[b]4,303	
					SMOKY HILL, BIG BLUE, AND LOWER REPUBLICAN RIVER BASINS								
32-55a	Turkey Cr #3	Trib. Turkey Cr	Navarre, KS	1.92	1.81	Jul 1968	--	449	1.46	--	--	--	SCS
	do	do	do	--	--	Jul 1977	9.0	434	1.41	46	.93	936	
	do	do	do	--	--	Oct 1984	7.2	488	1.1	50	[b]1.2	[b]1,312	
32-56a	Lower Salt Cr #1	Trib. Lower Salt Cr	Delphos, KS	3.16	3.06	Aug 1972	--	680	3.1	--	--	--	SCS
				--	--	May 1977	4.75	671	3.06	41	.57	509	
	do	do	do	--	--	Oct 1984	7.5	658	1.1	--	[b].5	--	
32-57	N Black Vermillion #74	Trib. N Black Vermillion	Frankfort, KS	1.24	1.18	Oct 1980	--	338	.8	--	--	--	SCS
	do	do	do	--	--	Oct 1984	4.0	319	.8	61	3.9	5,206	

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				UPPER REPUBLICAN, NORTH PLATTE RIVER (FORT LARAMIE TO NORTH PLATTE), AND SOUTH PLATTE RIVER (SUBLETTE TO NORTH PLATTE) BASINS										
33-3b	Harry Strunk L	Medicine Cr	Cambridge, NE	656	653	Aug 1949	--	94,197	1.82	--	--	--	BR
	do	do	do	--	--	May 1981	31.74	88,420	1.71	--	0.28	--	
33-23	W-6 Wray WS	Unnamed	Wray, CO	1.7	1.67	May 1959	--	204	5.6	--	.39	--	SCS
	do	do	do	--	--	Mar 1971	11.8	197	5.4	--	--	--	
	do	do	do	--	--	Mar 1981	10.0	197	5.4	--	--	--	
33-24	Swanson L	Rebublican R	Trenton, NE	8620	2112	May 1953	--	253,950	2.82	--	--	--	BR
	do	do	do	--	--	May 1982	29	246,921	2.73	--	.125	--	
				NORTH PLATTE RIVER (ABOVE FORT LARAMIE) AND SOUTH PLATTE RIVER (ABOVE SUBLETTE) BASINS										
34-3e	Guernsey Res.	N Platte River	Guernsey, WY	15,004	675	Feb 1927	--	73,810	--	--	--	--	BR
	do	do	do	--	--	Jan 1931	3.83	67,840	--	--	.28	--	
	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	53,180	--	--	.21	--	
	do	do	do	--	--	Jul 1947	3.5	40,150	--	--	.21	--	
	do	do	do	--	--	Jun 1957	9.92	44,800	--	60.7	.103	107	
	do	do	do	--	--	Dec 1966	9.4	[b]45,228	.0467	54	--	--	
	do	do	do	--	--	Apr 1981	14.33	[b]45,612	.0426	54	--	--	
34-14a	Coalbank Cr WS CB-1	Coalbank Cr	Pierce, CO	27.0	26.8	Jun 1962	--	2,147	3.7	--	--	--	SCS
	do	do	do	--	--	Jan 1971	8.5	2,135	3.7	--	.05	--	
	do	do	do	--	--	Oct 1981	10.0	2,126	3.7	--	.03	--	

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				NORTH PLATTE RIVER (ABOVE FORT LARAMIE) AND SOUTH PLATTE RIVER (ABOVE SUBLETTE) BASINS--Continued									
34-20	L Arrowhead	Ashcroft Draw	Greeley, CO	3.44	3.40	Sep 1962	--	256	3.5	--	--	--	SCS
	do	do	do	--	--	Jan 1983	20.3	191	2.6	--	0.94	--	
34-21	Boxelder Cr WS B-6	Sand Cr	Wellington, CO	16.6	15.0	Sep 1977	--	1,549	1.75	--	--	--	SCS
	do	do	do	--	--	Nov 1977	.2	1,549	1.75	--	--	--	
	do	do	do	--	--	Jul 1985	7.6	1,520	1.72	--	.26	--	
				MISSOURI RIVER (NIOBRARA TO ABOVE BLAIR) BASIN AND JAMES AND BIG SIOUX RIVER BASINS									
36-26	Kropp Farms Dam	Unnamed	Jamestown, ND	2.81	2.77	Oct 1971	--	225	4.29	--	--	--	SCS
	do	do	do	--	--	Sep 1981	9.9	221	4.22	40	.13	113	
				MISSOURI RIVER BASIN (WILLISTON TO MOBRIDGE) Moreau, Grand, Cannonball, Heart, and Little Missouri River basins									
39-11	Bosserman Irrig. Dam	Bullion Cr	Golva, ND	37.4	37.2	Oct 1971	--	1,762	.88	--	--	--	SCS
	do	do	do	--	--	Sep 1980	8.9	1,717	.86	80	.13	227	
				MISSOURI RIVER BASIN (ZORTMAN TO WILLISTON) Milk and Musselshell River basins									
40-3	Box Elder	Box Elder Cr	Plentywood, MT	20.0	19.7	Jan 1965	--	4,700	4.4	--	--	--	SCS
	do	do	do	--	--	Mar 1980	15.2	4,502	4.2	55	.66	790	
40-5	Petrolia Res.	Elk and Flatwillow Cr	Winnett, MT	612	611.2	-- 1954	--	9,480	--	--	--	--	SCS
	do	do	do	--	--	Jun 1984	30	8,380	--	67	.06	88	
				LOWER YELLOWSTONE RIVER BASIN Tongue and Powder River basins									
42-5	Meike	Cole Draw	Linch, WY	2.18	2.17	Apr 1972	--	31.6	.54	--	--	--	SCS
	do	do	do	--	--	Apr 1981	9.0	22.7	.39	84	.46	843	

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					UPPER YELLOWSTONE RIVER BASIN								
43-8	Bighorn L	Bighorn R	Hardin, MT	19,626	10,270	Nov 1965	--	1,382,310	0.53	--	--	--	BR
	do	do	do	--	--	Aug 1982	16.75	1,328,360	.51	60	0.31	410	
				ARKANSAS RIVER BASIN (TULSA TO VAN BUREN) Neosho, Verdigris, and Lower Canadian River basins									
45-39b	Heyburn L	Polecat Cr	Heyburn, OK	123	117	Mar 1950	--	59,650	1.41	--	--	--	CE
	do	do	do	--	--	Dec 1959	9.8	57,270	1.35	77.23	2.08	3,499	
	do	do	do	--	--	Oct 1971	11.8	57,026	1.40	91.51	1.62	3,776	
	do	do	do	--	--	Jul 1978	6.8	55,396	1.28	86.45	.50	426	
45-40a	Toronto L	Verdigris	Toronto, KS	730	714	Mar 1960	--	195,300	.559	--	--	--	CE
	do	do	do	--	--	May 1966	6.21	192,060	.550	50.4	.731	802	
	do	do	do	--	--	Jul 1977	11.17	200,840	.556	70.7	.528	1,033	
45-41a	Eufaula L	Canadian	Whitefield, OK	47,522	13,693	Feb 1964	--	3,848,000	.893	--	--	--	CE
	do	do	do	--	--	Jun 1969	5.33	3,798,400	.881	62.2	.680	921	
	do	do	do	--	--	Jun 1977	8.0	3,825,368	.898	65.8	.619	928	
45-53b	Big Wewoka #36	Big Wewoka	Holdenville, OK	2.26	2.2	Jan 1960	--	690	.95	--	--	--	SCS
	do	do	do	--	--	Aug 1969	9.1	679	.94	62	.56	756	
	do	do	do	--	--	Jul 1974	4.9	673	.93	73	.56	1,129	
	do	do	do	--	--	Jul 1981	7.0	668	.92	81	.32	1,093	
45-54b	Cane Cr #11	Cane Cr	Okmulgee, OK	8.96	8.89	Nov 1965	--	2,984	.96	--	--	--	SCS
	do	do	do	--	--	Sep 1969	3.85	2,955	.95	--	.85	1,018	
	do	do	do	--	--	Jul 1979	9.86	2,899	.93	56	.53	852	
	do	do	do	--	--	Jan 1985	5.48	2,875	.93	72	.48	491	
45-57a	Keystone L	Arkansas	Sand Spring, OK	74,506	18,088	Sep 1964	--	1,842,128	.38	--	--	--	CE
	do	do	do	--	--	Sep 1969	5.0	1,799,618	.376	59.46	.47	609	
	do	do	do	--	--	Sep 1977	8.0	1,737,628	.36	61.7	.43	590	

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				ARKANSAS RIVER BASIN (TULSA TO VAN BUREN)--Continued Neosho, Verdigris, and Lower Canadian River basins--Continued									
45-58a	Little Deep Fk #10	Deep Fk	Dumright, OK	7.55	7.28	Nov 1968	--	1,523	0.63	--	--	--	SCS
	do	do	do	--	--	Sep 1974	5.86	1,494	.62	--	0.67	1,059	
	do	do	do	--	--	Feb 1984	9.44	1,435	.59	77	.85	1,264	
45-63	Big Cr #2	Trib. Big Cr	Gridley, KS	2.30	2.12	Jul 1976	--	744	.67	--	--	--	SCS
	do	do	do	--	--	Oct 1984	8.25	715	.64	52	1.65	--	
45-64	Robert S. Lock and Dam	Arkansas R	Salisaw, OK	147,756	1,591	Oct 1966	--	575,640	1.06	--	--	--	CE
	do	do	do	--	--	Sep 1976	9.92	570,820	1.05	72.8	.306	485	
				ARKANSAS RIVER BASIN (GARDEN CITY TO TULSA) Middle Canadian, Lower Cimarron, and Salt Fork River basins									
46-55a	Uncle John Cr #7	Uncle John	El Reno, OK	9.58	9.05	May 1968	--	3,650	2.38	--	--	--	SCS
	do	do	do	--	--	Sep 1973	5.36	3,623	2.36	--	.54	735	
	do	do	do	--	--	Jul 1981	7.84	3,602	2.35	60	.29	594	
				ARKANSAS RIVER BASIN (LAMAR TO GARDEN CITY) Upper Cimarron and Upper Canadian River basins									
47-16a	Tramperos Cr #2	Tramperos Cr	Clapham, NM	10.7	10.6	Jan 1961	--	635	5.57	--	--	--	SCS
	do	do	do	--	--	Jun 1972	11.5	621	5.45	--	.11	--	
	do	do	do	--	--	Sep 1983	10.4	522	4.85	75	.63	1,021	
				UPPER RIO GRANDE (ABOVE ESPANOLA) AND UPPER ARKANSAS RIVER (ABOVE LAMAR) BASINS									
48-7b	S-1 Big Sandy Cr	Big Sandy Cr	Peyton, CO	4.71	4.64	May 1962	--	326	1.9	--	--	--	SCS
	do	do	do	--	--	Jul 1965	3.1	302	1.7	--	1.67	--	
	do	do	do	--	--	Feb 1974	8.6	304	1.7	--	.05	--	
	do	do	do	--	--	Apr 1982	8.2	304	1.7	--	.00	--	

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				UPPER RIO GRANDE (ABOVE ESPANOLA) AND UPPER ARKANSAS RIVER (ABOVE LAMAR) BASINS--Continued									
48-10a	FPC Fishers Peak-Carbon Arroyos WS	Fisher Peak Arroyo	Trinidad, CO	1.06	1.04	Oct 1963	--	274	6.8	--	--	--	SCS
	do	do	do	--	--	Feb 1971	7.3	261	6.5	--	1.67	--	
	do	do	do	--	--	Nov 1980	9.7	256	6.4	--	.48	--	
	do	do	do	--	--	Jan 1985	4.2	254	6.3	--	.45	--	
48-11a	Fort Carson #1	Trib. Wild Horse Cr	Fort Carson, CO	.37	.37	-- 1960	--	4.4	.6	--	--	--	SCS
	do	do	do	--	--	Jun 1975	15	3.2	.4	--	.22	--	
	do	do	do	--	--	Oct 1980	5.3	2.8	.3	--	.25	--	
	do	do	do	--	--	Apr 1985	4.5	1.4	.2	--	.80	--	
48-12a	Fort Carson #2	Trib. Red Cr	Fort Carson, CO	.44	.44	-- 1957	--	--	--	--	--	--	SCS
	do	do	do	--	--	Jul 1975	18	.08	.09	--	.26	--	
	do	do	do	--	--	Dec 1980	5.4	0	--	--	.03	--	
	do	do	do	--	--	Apr 1985	4.3	1.2	.13	--	.04	--	
48-13a	Fort Carson #3	Trib. Turkey Cr	Fort Carson, CO	.34	.33	-- 1947	--	7.0	1.0	--	--	--	SCS
	do	do	do	--	--	Jul 1975	28	6.2	.9	--	.09	--	
	do	do	do	--	--	Oct 1980	5.3	6.0	.8	--	.10	--	
	do	do	do	--	--	Apr 1985	4.5	5.9	.8	--	.05	--	
48-14a	Fort Carson #4	Trib. Wild Horse Cr	Fort Carson, CO	.18	.18	-- 1947	--	2.98	.8	--	--	--	SCS
	do	do	do	--	--	Jul 1975	28	2.68	.7	--	.06	--	
	do	do	do	--	--	Dec 1980	5.4	2.68	.7	--	--	--	
	do	do	do	--	--	May 1985	4.5	2.66	.7	--	.03	--	
48-15a	Fort Carson #5	Trib. Red Cr	Fort Carson, CO	.19	.19	-- 1950	--	19.6	3.9	--	.50	--	SCS
	do	do	do	--	--	Oct 1975	25	17.4	3.4	--	.47	--	
	do	do	do	--	--	Dec 1980	5.2	16.2	3.2	--	1.18	--	
	do	do	do	--	--	Apr 1985	4.3	15.8	3.2	--	.52	--	

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				UPPER RIO GRANDE (ABOVE ESPANOLA) AND UPPER ARKANSAS RIVER (ABOVE LAMAR) BASINS--Continued									
48-17	MG-1 Mud Gulch	Mud Gulch	Canon City, CO	2.27	2.22	Apr 1972	--	427	8.9	--	--	--	SCS
	do	do	do	--	--	Jan 1974	1.7	427	8.9	--	0.0	--	
	do	do	do	--	--	Apr 1982	8.3	425	8.8	--	.14	--	
48-18	Dry Cr	Dry Cr	Florence, CO	.50	.47	Dec 1970	--	157	14.3	--	--	--	SCS
	do	do	do	--	--	Apr 1982	11.3	157	.0	--	.0	--	
48-19	El Vado	Rio Chama	Tierra Amarilla, NM	872	601	Jan 1935	--	199,940	--	--	--	--	BR
	do	do	do	--	--	Jun 1984	49.5	186,252	.7	--	.38	--	
48-20	Heron	Willow Cr	Tierra Amarilla, NM	188	167	Oct 1970	--	402,182	3.5	--	--	--	BR
	do	do	do	--	--	Jun 1984	13.66	401,334	3.5	--	.24	--	
				RED RIVER (ABOVE DENISON DAM)									
50-14c	Cavalry #1	Cavalry Cr	Cordell, OK	2.19	2.11	Jul 1948	--	505	3.1	--	--	--	SCS
	do	do	do	--	--	Sep 1959	11.2	477	2.9	75	1.2	1,979	
	do	do	do	--	--	Aug 1964	4.9	472	2.8	75	.5	751	
	do	do	do	--	--	Jun 1969	4.9	459	2.8	--	1.3	2,023	
	do	do	do	--	--	Jun 1974	5.0	436	2.6	--	2.1	3,135	
	do	do	do	--	--	Nov 1983	9.4	433	2.6	81	.1	1,165	
50-24c	Mill Cr #17	Mill Cr	Sulphur, OK	1.61	1.51	Dec 1948	--	498	1.1	--	--	--	SCS
	do	do	do	--	--	Jul 1959	10.6	492	1.0	70	.4	610	
	do	do	do	--	--	Aug 1966	7.1	487	1.0	--	.5	487	
	do	do	do	--	--	May 1972	5.8	470	1.0	--	1.9	3,351	
	do	do	do	--	--	Aug 1981	9.2	457	1.0	63	.9	1,412	
50-26c	Cobb Cr #3	Washita	Weatherford, OK	8.28	8.18	Jan 1957	--	2,401	2.7	--	--	--	SCS
	do	do	do	--	--	Aug 1960	3.6	2,303	2.6	--	3.3	6,547	
	do	do	do	--	--	Oct 1964	4.1	2,277	2.6	--	.8	1,509	

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				RED RIVER (ABOVE DENISON DAM)--Continued									
50-26c	Cobb cr #3	Washita	Weatherford, OK	--	--	Aug 1970	5.8	2,218	2.5	--	1.2	2,563	
	do	do	do	--	--	Jul 1977	7.0	2,200	2.5	--	.3	684	
	do	do	do	--	--	Nov 1983	6.4	2,186	2.5	82	.3	410	
50-28d	Sandstone Cr #3	Trib. Sandstone Cr	Elk City, OK	0.62	0.60	Apr 1951	--	158	4.3	--	--	--	SCS
	do	do	do	--	--	Oct 1956	5.5	148	4.1	70	2.8	4,314	
	do	do	do	--	--	Oct 1961	5.0	140	3.9	73	2.8	4,841	
	do	do	do	--	--	Jul 1966	4.8	126	3.5	--	5	7,919	
	do	do	do	--	--	Aug 1971	5.1	123	3.4	--	.8	1,710	
	do	do	do	--	--	Nov 1983	12.2	121	3.4	87	.3	909	
50-32d	Sandstone #10A	Trib. Sandstone Cr	Elk City, OK	2.87	2.75	Apr 1951	--	1,046	6.2	--	--	--	SCS
	do	do	do	--	--	Oct 1956	5.5	1,019	6.1	79	1.8	3,097	
	do	do	do	--	--	Sep 1961	4.9	944	5.1	83	5.6	10,224	
	do	do	do	--	--	Jul 1966	4.8	888	5.3	--	4.2	5,744	
	do	do	do	--	--	Jun 1972	5.9	877	5.2	--	.7	1,795	
	do	do	do	--	--	Nov 1983	11.4	866	5.2	71	.4	467	
50-33c	Sandstone #14	Trib. Sandstone Cr	Elk City, OK	1.02	1.00	Sep 1951	--	315	4.9	--	--	--	SCS
	do	do	do	--	--	May 1960	8.7	288	4.4	93	3.1	6,320	
	do	do	do	--	--	Aug 1965	5.3	287	4.4	68	.3	371	
	do	do	do	--	--	Jul 1970	5.0	276	4.2	75	2.2	3,611	
	do	do	do	--	--	Jan 1985	4.5	268	4.1	80	.5	1,618	
50-34e	Sandstone #16	Trib. Sandstone Cr	Elk City, OK	11.47	11.28	Aug 1952	--	4,463	7.3	--	--	--	SCS
	do	do	do	--	--	Jul 1957	4.9	4,295	7.0	78	3.1	5,271	
	do	do	do	--	--	Sep 1961	4.2	4,165	6.8	75	2.8	4,308	
	do	do	do	--	--	Aug 1966	4.9	4,038	6.6	--	2.4	--	
	do	do	do	--	--	Jul 1971	4.9	4,011	6.6	--	.5	--	

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					RED RIVER (ABOVE DENISON DAM)--Continued								
50-34e	Sandstone #16	Trib. Sandstone Cr	Elk City, OK	--	--	Jun 1979	7.9	3,952	6.5	--	0.7	--	
	do	do	do	--	--	Feb 1985	5.7	3,920	6.4	80	.5	405	
50-35d	Sandstone #16A	Trib. Sandstone Cr	Cheyenne, OK	8.78	5.03	Dec 1951	--	2,066	4.4	--	--	--	SCS
	do	do	do	--	--	Oct 1956	4.8	2,034	4.4	81	1.3	2,311	
	do	do	do	--	--	Sep 1961	4.9	1,988	4.3	80	1.9	3,260	
	do	do	do	--	--	Aug 1966	4.9	1,980	4.2	--	.3	580	
	do	do	do	--	--	Aug 1971	5.1	1,940	4.1	--	1.6	3,673	
	do	do	do	--	--	Feb 1985	13.5	1,890	4.0	77	.7	857	
50-36c	Sandstone #17	Currant Cr	Cheyenne, OK	10.13	10.04	Aug 1951	--	3,585	5.5	--	--	--	SCS
	do	do	do	--	--	Oct 1956	5.1	3,466	5.4	70	2.3	3,540	
	do	do	do	--	--	Oct 1960	4.0	3,322	5.1	59	3.5	5,418	
	do	do	do	--	--	Aug 1965	4.8	3,293	5.1	59	.6	797	
	do	do	do	--	--	Jun 1970	4.9	3,276	5.1	60	.3	526	
	do	do	do	--	--	Sep 1982	12.3	3,237	5.0	73	.3	839	
50-41d	Whiteshield Cr #4	Whiteshield Cr	Elk City, OK	.62	.58	Jan 1949	--	223	4.3	--	--	--	SCS
	do	do	do	--	--	Sep 1959	10.7	208	4.0	76	2.5	4,151	
	do	do	do	--	--	Aug 1964	4.9	200	3.9	76	2.8	4,667	
	do	do	do	--	--	Jun 1969	4.9	180	3.5	--	7.0	11,564	
	do	do	do	--	--	Jun 1974	5.0	162	3.2	--	6.0	12,499	
	do	do	do	--	--	Mar 1985	10.8	155	3.0	72	1.2	1,506	
50-42d	Wildhorse Cr #1	Wildhorse Cr	Davis, OK	.92	.91	May 1949	--	242	1.1	--	--	--	SCS
	do	do	do	--	--	Jul 1959	10.3	236	1.1	61	.7	877	
	do	do	do	--	--	Oct 1963	4.2	234	1.1	61	.6	829	
	do	do	do	--	--	Jul 1968	4.8	229	1.1	--	1.0	1,026	
	do	do	do	--	--	Jul 1973	4.9	227	1.1	--	.6	904	
	do	do	do	--	--	May 1981	7.8	214	1.0	61	1.7	2,328	

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						RED RIVER (ABOVE DENISON DAM)--Continued							
50-43c	Wildhorse Cr #33	Wildhorse Cr	Duncan, OK	1.77	1.67	Mar 1950	--	587	1.8	--	--	--	SCS
	do	do	do	--	--	Sep 1960	10.5	566	1.7	85	1.2	2,203	
	do	do	do	--	--	Aug 1965	4.9	549	1.7	74	2.0	2,690	
	do	do	do	--	--	Sep 1971	5.1	521	1.6	--	3.3	5,881	
	do	do	do	--	--	Apr 1981	9.7	492	1.5	75	1.8	3,091	
50-44d	Owl Cr #1	Owl Cr	Wayne, OK	.61	.56	Apr 1949	--	206	1.5	--	--	--	SCS
	do	do	do	--	--	Aug 1959	10.3	200	1.4	66	1.1	1,569	
	do	do	do	--	--	Oct 1963	4.1	194	1.4	--	2.6	4,148	
	do	do	do	--	--	Aug 1968	4.8	190	1.4	--	1.4	1,862	
	do	do	do	--	--	Aug 1973	5.0	182	1.3	--	3.1	5,160	
	do	do	do	--	--	Aug 1982	9.0	176	1.3	68	1.4	2,134	
50-45b	Chigley Sandy #3	Washita	Wynnewood, OK	3.8	3.6	Aug 1955	--	1,075	1.2	--	--	--	SCS
	do	do	do	--	--	Mar 1958	2.6	1,055	1.2	52	2.2	2,439	
	do	do	do	--	--	Oct 1963	5.5	1,018	1.2	52	1.9	2,076	
	do	do	do	--	--	Jul 1969	5.8	967	1.1	--	2.5	3,667	
	do	do	do	--	--	May 1974	4.9	948	1.1	--	1.0	734	
	do	do	do	--	--	Aug 1982	8.3	936	1.1	49	.4	827	
50-47c	Barnitz #14	Barnitz Cr	Clinton, OK	4.22	4.01	Nov 1958	--	1,723	4.3	--	--	--	SCS
	do	do	do	--	--	Sep 1963	4.9	1,646	4.2	--	3.9	6,070	
	do	do	do	--	--	Aug 1968	4.9	1,634	4.2	--	.6	883	
	do	do	do	--	--	Jun 1973	4.8	1,607	4.1	--	1.4	4,020	
	do	do	do	--	--	Dec 1983	10.5	1,591	4.0	79	.4	459	
50-51a	Rush Cr #2	Rush Cr	Rush Springs, OK	2.13	2.05	Aug 1959	--	656	2.3	--	--	--	SCS
	do	do	do	--	--	Jul 1965	5.9	640	2.3	78	1.4	2,303	
	do	do	do	--	--	Sep 1970	5.2	635	2.2	--	.4	--	
	do	do	do	--	--	Sep 1976	6.0	627	2.2	--	.7	--	
	do	do	do	--	--	Oct 1984	8.1	615	2.2	83	.7	852	

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				RED RIVER (ABOVE DENISON DAM)--Continued									
50-52b	Saddle Mtn. #2	Saddle Mtn. Cr	Carnegie, OK	3.43	3.37	Apr 1959	--	771	2.1	--	--	--	SCS
	do	do	do	--	--	Sep 1970	11.3	751	2.1	--	0.5	--	
	do	do	do	--	--	Jun 1975	4.8	717	2.0	--	.1	--	
	do	do	do	--	--	Jul 1983	8.0	709	1.9	55	.3	386	
50-54b	Rock Cr #6	Trib. Rock Cr	Sulphur, OK	4.54	4.39	May 1966	--	1,149	1.0	--	--	--	SCS
	do	do	do	--	--	Jun 1971	5.0	1,137	1.0	--	.6	631	
	do	do	do	--	--	Aug 1976	5.2	1,128	1.0	--	.4	549	
	do	do	do	--	--	Nov 1984	8.3	1,110	1.0	66	.5	453	
50-56a	Lower Bayou #13	Lower Bayou	Wilson, OK	4.64	4.46	Jan 1972	--	1,404	1.4	--	--	--	SCS
	do	do	do	--	--	May 1978	6.3	1,384	1.3	64	.7	1,080	
	do	do	do	--	--	Sep 1983	5.4	1,371	1.3	74	.5	931	
50-58a	Little Deep Fk Cr #10	Deep Fk	Drumright, OK	7.55	7.28	Sep 1974	--	1,493	--	--	--	--	SCS
	do	do	do	--	--	Feb 1984	9.4	1,435	.6	77	.9	1,264	
				SABINE, NECHES, AND TRINITY RIVER BASINS									
51-8d	White Rock L	White Rock Cr	Dallas, TX	99.10	97.14	Apr 1910	--	18,158	.80	--	--	--	SCS
	do	do	do	--	--	Apr 1935	25.0	14,276	.63	49	1.6	1,708	
	do	do	do	--	--	Mar 1956	20.9	12,321	.54	35	1.0	151	
	do	do	do	--	--	Oct 1970	14.6	10,743	.47	32	1.1	505	
	do	do	do	--	--	Apr 1977	6.5	10,721	.47	44	--	--	
	do	do	do	--	--	Aug 1984	7.3	10,242	.45	41	.7	623	
51-31d	Elm Fk WS #11B	Trib. Trinity R	Gainesville, TX	2.00	1.87	Nov 1958	--	678	1.3	--	--	--	SCS
	do	do	do	--	--	Jul 1963	4.7	670	1.3	--	--	--	
	do	do	do	--	--	Oct 1968	5.3	655	1.3	87	2.2	2,402	
	do	do	do	--	--	Sep 1973	4.9	649	1.3	--	.6	--	
	do	do	do	--	--	May 1984	10.7	601	1.2	51	2.4	4,456	

Data-sheet number	Reservoir	Stream	Nearest town	Drainage area (square miles) Total	Drainage area (square miles) Net	Date of survey	Period between surveys (years)	Storage capacity (acre-feet)	Capacity average annual inflow ratio (acre-feet per acre-feet)	Specific weight (dry) (pounds per cubic feet)	Average annual sediment accumulation per square mile of net drainage area for period shown: Acre-feet	Average annual sediment accumulation per square mile of net drainage area for period shown: Tons	Agency supplying data
				SABINE, NECHES, AND TRINITY RIVER BASINS--Continued									
51-41b	East Keechi Cr #1	Trib. Brazos R	Perrin, TX	6.63	6.37	Jan 1964	--	1,846	1.7	--	--	--	SCS
	do	do	do	--	--	Jun 1968	4.4	1,827	1.6	72	0.7	1,035	
	do	do	do	--	--	May 1975	7.0	1,811	1.6	--	.4	446	
	do	do	do	--	--	May 1981	6.0	1,846	1.6	58	.2	386	
51-44a	Denton Cr #3B	Mallard Cr	Montague, TX	2.71	1.88	Dec 1969	--	1,232	3.3	--	--	--	SCS
	do	do	do	--	--	Oct 1976	6.8	1,122	3.0	--	8.6	12,376	
	do	do	do	--	--	Apr 1984	7.5	1,032	2.7	60	.9	1,423	
51-45a	Denton Cr #3-4	Trib. Mallard Cr	Montague, TX	.17	.16	Dec 1969	--	44	1.4	--	--	--	SCS
	do	do	do	--	--	Oct 1976	6.8	38	1.2	--	5.0	6,814	
	do	do	do	--	--	Apr 1984	7.5	21	1.2	60	1.4	2,262	
51-46a	Denton Cr #3-6	Trib. Mallard Cr	Montague, TX	.21	.20	Dec 1969	--	53	1.3	--	--	--	SCS
	do	do	do	--	--	Oct 1976	6.8	38	1.0	--	10.9	12,353	
	do	do	do	--	--	Apr 1984	7.5	35	.7	60	6.3	8,696	
51-47a	Denton Cr #3-7	Trib. Mallard Cr	Montague, TX	.31	.30	Dec 1969	--	83	1.4	--	--	--	SCS
	do	do	do	--	--	Oct 1976	6.8	69	1.2	--	6.8	12,287	
	do	do	do	--	--	Apr 1984	7.5	29	1.0	90	6.0	10,466	
51-50	L Jacksboro	Trib. Trinity R	Jacksboro, TX	25.6	25.38	-- 1950	--	2,195	.5	--	--	--	SCS
	do	do	do	--	--	-- 1984	34.5	2,160	.5	42	.04	37	
51-51	L Pat Cleburne	Nolan R	Cleburne, TX	100	97.6	-- 1964	--	30,671	1.2	--	--	--	SCS
	do	do	do	--	--	-- 1981	16.9	28,362	1.1	32	1.4	985	
				LOWER BRAZOS, LOWER COLORADO, GUADALUPE, SAN ANTONIO, AND NUECES RIVER BASINS									
52-18A	Lower Plum Cr #31	Trib. Plum Cr	Lockhart, TX	3.51	3.26	Nov 1966	--	1,048	1.1	--	--	--	SCS
	do	do	do	--	--	Sep 1975	8.8	1,032	1.1	--	.5	881	
	do	do	do	--	--	Oct 1983	8.1	1,019	1.1	69	.5	1,067	

SUMMARY OF
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Data-sheet number	Reservoir	Stream	Nearest town	Drainage area (square miles) Total	Drainage area (square miles) Net	Date of survey	Period between surveys (years)	Storage capacity (acre-feet)	Capacity average annual inflow ratio (acre-feet per acre-feet)	Specific weight (dry) (pounds per cubic feet)	Average annual sediment accumulation per square mile of net drainage area for period shown: Acre-feet	Average annual sediment accumulation per square mile of net drainage area for period shown: Tons	Agency supplying data
				LOWER BRAZOS, LOWER COLORADO, GUADALUPE, SAN ANTONIO, AND NUECES RIVER BASINS--Continued									
52-21	Upper Brushy #8	Trib. Upper Brushy Cr	Round Rock, TX	8.09	7.69	-- 1961	--	2,987	1.9	--	--	--	SCS
	do	do	do	--	--	-- 1983	22.5	2,970	1.9	30	0.1	66	
52-22	Upper Brushy #9	Trib. Upper Brushy Cr	Round Rock, TX	5.65	4.56	-- 1961	--	1,743	1.9	--	--	--	SCS
	do	do	do	--	--	-- 1983	22.4	1,718	1.9	85	.2	445	
				BRAZOS (SOUTH BEND TO WASHINGTON) AND MIDDLE COLORADO RIVER BASINS									
53-36c	Green Cr #1	Green Cr	Dublin, TX	3.57	3.38	Apr 1955	--	1,095	2.0	--	--	--	SCS
	do	do	do	--	--	Jan 1957	1.8	1,080	2.0	--	--	--	
	do	do	do	--	--	Apr 1962	5.2	1,065	1.9	--	--	--	
	do	do	do	--	--	Jun 1967	5.2	1,063	1.9	74	.1	88	
	do	do	do	--	--	May 1972	4.9	1,054	1.9	--	.5	--	
	do	do	do	--	--	Oct 1981	9.4	1,024	1.9	66	1.0	1,545	
				UPPER BRAZOS AND UPPER COLORADO RIVER BASINS									
54-9a	L Stamford	Paint Cr	Stamford, TX	360	352.24	Jun 1953	--	57,632	1.7	--	--	--	SCS
	do	do	do	--	--	May 1966	12.9	53,928	1.6	43	.8	760	
	do	do	do	--	--	Sep 1982	16.3	43,651	1.3	44	1.8	1,753	
54-13	Miller's Cr	Trib. Brazos R	Mundy, TX	228	225.03	-- 1974	--	26,129	1.0	--	--	--	SCS
	do	do	do	--	--	-- 1982	7.8	25,205	1.0	58	.5	670	
				RIO GRANDE (BELOW EAGLE PASS) AND TEXAS GULF (SOUTH OF CORPUS CHRISTI BAY) BASINS									
55-1b	Olmitos-Garcias #6	El Gato Cr	Rio Grande City, TX	13.19	12.94	Jun 1962	--	2,258	21.4	--	--	--	SCS
	do	do	do	--	--	Sep 1966	4.3	2,252	21.3	---	.1	--	
	do	do	do	--	--	Apr 1976	9.6	2,146	20.3	--	.9	--	
	do	do	do	--	--	Jun 1981	5.2	2,117	20.0	53	.4	640	

SUMMARY OF
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				RIO GRANDE (BELOW EAGLE PASS) AND TEXAS GULF (SOUTH OF CORPUS CHRISTI BAY) BASINS--Continued									
55-2a	San Diego-Rosita #1	San Diego Cr	Freer, TX	23.19	22.29	Jul 1960	--	5,190	8.4	--	--	--	SCS
	do	do	do	--	--	Apr 1976	15.5	4,967	9.0	--	0.6	1,272	
	do	do	do	--	--	Aug 1981	5.3	4,927	8.0	85	.3	714	
				RIO GRANDE BASIN (ESPANOLA TO FORT QUITMAN)									
57-2a	Caballo	Rio Grande	Truth or Consequences, NM	27,260	1,237	Jan 1938	--	346,736	.52	--	--	--	BR
	do	do	do	--	--	Jan 1981	43.0	331,510	.50	75	.29	467	
57-27a	Cochiti L	Rio Grande	Pena Blanca, NM	11,965	11,680	Apr 1972	--	588,100	.538	--	--	--	CE
	do	do	do	--	--	Apr 1976	4.0	--	--	--	--	--	
	do	do	do	--	--	Apr 1978	2.08	586,477	.536	*76	.067	110	
	do	do	do	--	--	Oct 1981	2.33	596,338	.546	76	-.302	-31,994	
57-28	Prop Cyn WS #1	Big Draw	Bluewater, NM	14.41	14.36	Sep 1959	--	521	1.4	--	--	--	SCS
	do	do	do	--	--	Sep 1971	12.0	494	1.3	--	.16	--	
	do	do	do	--	--	Jun 1982	10.8	494	1.3	70	.0	--	
57-29	Acomita L	Trib. Rio San Jose	Acoma Pueblo, NM	17.24	17.13	-- 1939	--	935	2.0	--	--	--	SCS
	do	do	do	--	--	Nov 1982	43	711	1.5	70	.3	457	
				UPPER PECOS RIVER BASIN									
58-5b	Upper Hondo #1	Salado Cr	Capitan, NM	122.0	121.6	May 1959	--	4,972	1.5	--	--	--	SCS
	do	do	do	--	--	Jan 1965	5.7	4,750	1.5	--	.3	--	
	do	do	do	--	--	May 1972	7.3	4,322	1.3	84	.5	933	
	do	do	do	--	--	Jul 1982	10.2	4,167	1.3	90	.1	314	

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					UPPER PECOS RIVER BASIN--Continued								
58-15	Pecos Arroyo #1	Pecos Arroyo	Las Vegas, NM	19.34	19.04	Jun 1965	--	1,733	8.4	--	--	--	SCS
	do	do	do	--	--	Feb 1972	6.7	1,679	8.2	71	0.4	656	
	do	do	do	--	--	Dec 1985	12.8	1,608	7.8	71	.3	454	
					GILA RIVER BASIN								
60-4a	Theodore Roosevelt	Salt R and Tonto Cr	Globe, AZ	5,736	5,709	May 1909	--	1,530,499	--	--	--	--	BR
	do	do	do	--	--	Sep 1981	72.4	1,336,734	--	49	.47	504	
60-51	Upper Gila Valley Arroyos WS 1, Site 3	Dominguez Cyn	Cliff, NM	.33	.32	Apr 1962	--	36	5.0	--	--	--	SCS
	do	do	do	--	--	Jan 1971	8.8	27	3.9	--	2.9	--	
	do	do	do	--	--	Sep 1983	12.6	18	2.6	86	2.3	4,203	
60-52	Upper Gila WS 1, Site 11	Bell Cyn	Cliff, NM	4.34	4.29	Feb 1963	--	240	2.6	--	--	--	SCS
	do	do	do	--	--	Nov 1984	21.7	116	1.3	68	1.3	1,990	
60-53	Upper Gila WS 6	Maldonado Cr	Cliff, NM	2.16	2.13	May 1963	--	159	3.4	--	--	--	SCS
	do	do	do	--	--	Jan 1984	20.7	98	2.1	68	1.4	2,050	
					LITTLE COLORADO AND SAN JUAN RIVER BASINS								
61-2d	Millet Swale	Millet Swale	Taylor, AZ	40.0	39.7	Nov 1958	--	1,342	2.1	--	--	--	SCS
	do	do	do	--	--	Jun 1962	3	1,259	2.0	67	.7	1,007	
	do	do	do	--	--	Jun 1966	4	1,118	1.8	80	.9	1,693	
	do	do	do	--	--	Jul 1972	6	969	1.5	84	.6	1,215	
	do	do	do	--	--	Jun 1977	5	867	1.4	80	.5	753	
	do	do	do	--	--	Jan 1983	5.5	732	1.1	--	.6	--	

SUMMARY OF
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Data-sheet number	Reservoir	Stream	Nearest town	Drainage area (square miles) Total	Drainage area (square miles) Net	Date of survey	Period between surveys (years)	Storage capacity (acre-feet)	Capacity average annual inflow ratio (acre-feet per acre-feet)	Specific weight (dry) (pounds per cubic feet)	Average annual sediment accumulation per square mile of net drainage area for period shown: Acre-feet	Average annual sediment accumulation per square mile of net drainage area for period shown: Tons	Agency supplying data
				SALTON SEA, SOUTHERN CALIFORNIA COASTAL, AND GREAT BASIN DRAINAGE									
70-14e	Live Oak Dam	Live Oak Cr	LaVerne, CA	2.3	2.3	-- 1919	--	247	--	--	--	--	CE
	do	do	do	--	--	Mar 1929	6.3	247	--	--	0	--	
	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	221.8	1.02	--	3.83	--	
	do	do	do	--	--	Jan 1969	1.75	197.1	.90	--	6.13	--	
	do	do	do	--	--	Oct 1970	1.75	251.1	1.15	--	5.7	--	
	do	do	do	--	--	Oct 1977	7.0	256.2	1.18	--	--	--	
	do	do	do	--	--	Dec 1978	1.17	224.3	1.03	--	11.87	--	
	do	do	do	--	--	Mar 1980	1.25	231.8	1.06	--	--	--	
	do	do	do	--	--	May 1981	1.17	228.7	1.05	--	1.15	--	
	do	do	do	--	--	Sep 1981	.33	247.6	1.14	--	--	--	
	do	do	do	--	--	Sep 1982	1.0	252.3	1.16	--	--	--	
	do	do	do	--	--	Apr 1983	.58	245.1	1.12	--	5.40	--	
70-16c	Prado F.C. Basin	Santa Ana R	Corona, CA	2233	1131	Sep 1941	--	222,840	2.6	--	--	--	CE
	do	do	do	--	--	Aug 1960	18.9	216,960	2.53	--	.28	--	
	do	do	do	--	--	Sep 1969	9.08	198,222	2.31	--	1.82	--	
	do	do	do	--	--	Dec 1979	10.25	196,235	2.29	--	.17	--	
70-18d	Hansen F.C. Basin	Tujunga Cr	Pacoima, CA	147	146	Sep 1940	--	35,800	2.06	--	--	--	CE
	do	do	do	--	--	Jul 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	--	
	do	do	do	--	--	Oct 1978	9.17	26,087	1.50	--	2.70	--	
	do	do	do	--	--	Jul 1982	3.75	26,695	1.53	--	--	--	
	do	do	do	--	--	Apr 1983	.75	25,446	1.46	--	11.41	--	

Data-sheet number	Reservoir	Stream	Nearest town	Drainage area (square miles) Total	Drainage area (square miles) Net	Date of survey	Period between surveys (years)	Storage capacity (acre-feet)	Capacity average annual inflow ratio (acre-feet per acre-feet)	Specific weight (dry) (pounds per cubic feet)	Average annual sediment accumulation per square mile of net drainage area for period shown Acre-feet	Average annual sediment accumulation per square mile of net drainage area for period shown Tons	Agency supplying data
				SALTON SEA, SOUTHERN CALIFORNIA COASTAL, AND GREAT BASIN DRAINAGE--Continued									
70-20d	Cogswell (San Gabriel Dam #2)	San Gabriel	Azusa, CA	39.2	39	Apr 1935	--	12,881	--	--	--	--	CE
	do	do	do	--	--	Jan 1936	0.8	12,298	--	--	--	--	
	do	do	do	--	--	Apr 1938	2.2	10,786	--	--	17.6	--	
	do	do	do	--	--	Nov 1939	1.6	11,029	--	--	--	--	
	do	do	do	--	--	Nov 1940	1	11,102	--	--	--	--	
	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	--	--	Sep 1946	1.7	10,597	--	--	--	--	
	do	do	do	--	--	Sep 1947	1	10,634	--	--	--	--	
	do	do	do	--	--	Dec 1957	10.2	10,585	--	--	.12	--	
	do	do	do	--	--	Oct 1958	.7	10,446	0.612	--	2.48	--	
	do	do	do	--	--	Nov 1962	4.1	10,228	.643	--	1.4	--	
	do	do	do	--	--	Jun 1966	3.7	9,999	.642	--	1.92	--	
	do	do	do	--	--	Mar 1969	2.75	9,339	.512	--	6.15	--	
	do	do	do	--	--	Apr 1978	--	8,963	--	--	--	--	
	do	do	do	--	--	Apr 1980	2.0	8,813	.48	--	1.92	--	
	do	do	do	--	--	Jul 1981	1.25	9,162	.50	--	--	--	
	do	do	do	--	--	Aug 1981	.08	8,979	.49	--	58.7	--	
	do	do	do	--	--	Sep 1981	.08	9,081	.50	--	--	--	
70-21f	San Gabriel Dam #1	San Gabriel R	Azusa, CA	203	203	-- 1937	--	53,344	--	--	--	--	CE
	do	do	do	--	--	Oct 1938	.9	47,191	--	--	28.3	--	
	do	do	do	--	--	Nov 1940	2.1	46,335	--	--	1.68	--	
	do	do	do	--	--	Sep 1941	.8	45,862	--	--	--	--	
	do	do	do	--	--	Oct 1942	1	45,759	--	--	.43	--	
	do	do	do	--	--	Sep 1943	1	44,032	--	--	7.13	--	
	do	do	do	--	--	Oct 1944	1.1	44,088	--	--	--	--	
	do	do	do	--	--	Nov 1945	1	44,342	--	--	.19	--	
	do	do	do	--	--	Nov 1948	3	44,825	--	--	.97	--	
	do	do	do	--	--	Nov 1951	3	43,928	--	--	.23	--	

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				SALTON SEA, SOUTHERN CALIFORNIA COASTAL, AND GREAT BASIN DRAINAGE--Continued									
70-21f	San Gabriel Dam #1	San Gabriel R	do	--	--	Jan 1953	1.2	43,853	--	--	0.94	--	
	do	do	do	--	--	May 1954	1.3	44,013	--	--	.127	--	
	do	do	do	--	--	Aug 1958	4.3	44,614	--	--	.193	--	
	do	do	do	--	--	Sep 1961	3.1	44,366	--	--	.329	--	
	do	do	do	--	--	Nov 1962	1.2	43,642	0.51	--	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	.42	37,822	.44	--	--	--	
	do	do	do	--	--	Oct 1970	1	41,549	.48	--	--	--	
	do	do	do	--	--	Sep 1972	1.92	41,526	.48	--	.06	--	
	do	do	do	--	--	Oct 1973	1.08	46,554	.54	--	--	--	
	do	do	do	--	--	Mar 1978	4.42	43,238	.50	--	3.69	--	
	do	do	do	--	--	Mar 1980	2.0	43,532	.50	--	--	--	
	do	do	do	--	--	Feb 1981	.92	45,811	.53	--	12.2	--	
	do	do	do	--	--	Apr 1983	2.17	44,226	.51	--	3.6	--	
70-23c	San Dimas F.C. Basin	San Dimas Wash	San Dimas, CA	16.2	16.1	Sep 1922	--	1,496	--	--	--	--	CE
	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	1,189	--	--	--	--	
	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	--	--	Aug 1966	4.3	1,234	.49	--	16	--	
	do	do	do	--	--	Apr 1967	.7	1,129	.25	--	--	--	
	do	do	do	--	--	Jan 1969	1.75	847	.32	--	10	--	

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				SALTON SEA, SOUTHERN CALIFORNIA COASTAL, AND GREAT BASIN DRAINAGE--Continued									
70-23c	San Dimas F.C. Basin	San Dimas Wash	San Dimas, CA	--	--	Feb 1969	0.08	756	0.29	--	--	--	
	do	do	do	--	--	Nov 1970	1.75	1,515	.47	--	1.12	--	
	do	do	do	--	--	Jul 1977	6.67	1,455	.45	--	.56	--	
	do	do	do	--	--	Mar 1978	.66	1,250	.39	--	19.32	--	
	do	do	do	--	--	Mar 1980	2.0	1,369	.42	--	--	--	
70-24d	Puddingstone Dam	San Dimas Wash	San Dimas, CA	19.9	19.7	Oct 1929	--	148	.06	--	--	--	CE
	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	--	--	Sep 1944	1.92	112	.05	--	--	--	
	do	do	do	--	--	Jan 1952	7.33	119	.05	--	--	--	
	do	do	do	--	--	Sep 1953	1.67	138	.06	--	--	--	
	do	do	do	--	--	Sep 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	.03	--	5.13	--	
	do	do	do	--	--	Mar 1969	.17	42	.02	--	--	--	
	do	do	do	--	--	Nov 1970	1.66	156.3	.07	--	1.69	--	
	do	do	do	--	--	May 1973	2.50	146.2	.06	--	.20	--	
	do	do	do	--	--	Nov 1976	3.50	167.8	.07	--	--	--	
	do	do	do	--	--	Mar 1978	1.33	86.9	.04	--	3.09	--	
	do	do	do	--	--	Mar 1980	2.00	111.7	.05	--	--	--	
	do	do	do	--	--	Nov 1980	.67	206.5	.09	--	--	--	
	do	do	do	--	--	Aug 1981	.75	209.0	.09	--	--	--	
	do	do	do	--	--	Sep 1982	1.08	199.4	.08	--	.45	--	
70-25b	Puddingstone Dam F.C. Basin	Puddingstone Cr	San Dimas, CA	32.2	32.1	Jan 1928	--	17,398	--	--	--	--	CE
	do	do	do	--	--	Jan 1941	13	17,190	7.95	--	1.45	--	
	do	do	do	--	--	Sep 1959	18.7	17,090	2.26	--	.48	--	
	do	do	do	--	--	Nov 1965	6.2	16,855	2.45	--	1.18	--	

Data-sheet number	Reservoir	Stream	Nearest town	Drainage area (square miles) Total	Drainage area (square miles) Net	Date of survey	Period between surveys (years)	Storage capacity (acre-feet)	Capacity average annual inflow ratio (acre-feet per acre-feet)	Specific weight (dry) (pounds per cubic feet)	Average annual sediment accumulation per square mile of net drainage area for period shown Acre-feet	Average annual sediment accumulation per square mile of net drainage area for period shown Tons	Agency supplying data
				SALTON SEA, SOUTHERN CALIFORNIA COASTAL, AND GREAT BASIN DRAINAGE--Continued									
70-25b	Puddingstone Dam F.C. Basin	Puddingstone Cr	San Dimas, CA	--	--	Nov 1980	15	16,468	2.4	--	0.80	--	
70-26d	Big Dalton F.C. Basin	Big Dalton Cr	Glendora, CA	4.5	4.5	Jan 1930	--	1,194	--	--	--	--	CE
	do	do	do	--	--	Sep 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	--	--	Sep 1943	5.5	953	--	--	.65	--	
	do	do	do	--	--	Oct 1944	1	952	--	--	.22	--	
	do	do	do	--	--	Oct 1958	14	951	--	--	.02	--	
	do	do	do	--	--	Nov 1961	3.1	880	1.25	--	5.09	--	
	do	do	do	--	--	Jan 1962	.2	869	1.24	--	--	--	
	do	do	do	--	--	Aug 1966	4.7	752	1.14	--	5.53	--	
	do	do	do	--	--	Apr 1967	.7	692	1.05	--	--	--	
	do	do	do	--	--	Jan 1969	1.75	515	.78	--	.225	--	
	do	do	do	--	--	Mar 1969	.17	452	.68	--	--	--	
	do	do	do	--	--	Sep 1978	9.50	927	1.40	--	--	--	
	do	do	do	--	--	Mar 1980	1.50	840	1.27	--	12.9	--	
	do	do	do	--	--	Aug 1981	1.42	840	1.27	--	.0	0	
	do	do	do	--	--	Oct 1981	.17	918	1.39	--	--	--	
70-27d	Santa Anita Dam	Santa Anita Cr	Arcadia, CA	10.8	10.8	-- 1923	--	1,376	--	--	--	--	CE
	do	do	do	--	--	Feb 1935	7.9	1,068	--	--	3.61	--	
	do	do	do	--	--	Feb 1936	1	1,014	--	--	5	--	
	do	do	do	--	--	Jul 1938	2.4	688	--	--	12.6	--	
	do	do	do	--	--	Feb 1940	1.6	710	--	--	7.18	--	
	do	do	do	--	--	Feb 1942	2	701	--	--	1.43	--	
	do	do	do	--	--	Mar 1943	1.1	568	--	--	11.2	--	
	do	do	do	--	--	Sep 1943	.5	604	--	--	--	--	
	do	do	do	--	--	May 1944	.7	697	--	--	--	--	
	do	do	do	--	--	Jan 1947	2.7	728	--	--	.44	--	
	do	do	do	--	--	Dec 1952	5.9	728	--	--	.22	--	
	do	do	do	--	--	Jul 1954	1.6	584	--	--	9.15	--	

Data-sheet number	Reservoir	Stream	Nearest town	Drainage area (square miles) Total	Drainage area (square miles) Net	Date of survey	Period between surveys (years)	Storage capacity (acre-feet)	Capacity average annual inflow ratio (acre-feet per acre-feet)	Specific weight (dry) (pounds per cubic feet)	Average annual sediment accumulation per square mile of net drainage area for period shown: Acre-feet	Average annual sediment accumulation per square mile of net drainage area for period shown: Tons	Agency supplying data
				SALTON SEA, SOUTHERN CALIFORNIA COASTAL, AND GREAT BASIN DRAINAGE--Continued									
70-27d	Santa Anita Dam	Santa Anita Cr	Arcadia, CA	--	--	Feb 1956	1.5	613	--	--	1.3	--	
	do	do	do	--	--	Sep 1958	2.6	587	--	--	.94	--	
	do	do	do	--	--	Apr 1962	3.6	630	0.16	--	3.31	--	
	do	do	do	--	--	Sep 1966	4.4	552	.14	--	1.9	--	
	do	do	do	--	--	Oct 1968	2.1	600	.14	--	3.09	--	
	do	do	do	--	--	Mar 1969	.42	258	.06	--	--	--	
	do	do	do	--	--	Nov 1970	1.67	836	.16	--	.94	--	
	do	do	do	--	--	Sep 1973	2.83	787	.15	--	1.60	--	
	do	do	do	--	--	Apr 1978	4.58	715	.14	--	1.45	--	
	do	do	do	--	--	May 1978	.08	809	.16	--	--	--	
	do	do	do	--	--	Mar 1980	1.84	778	.15	--	1.56	--	
	do	do	do	--	--	Aug 1980	.42	809	.16	--	--	--	
	do	do	do	--	--	Dec 1981	1.33	776	.15	--	2.30	--	
	do	do	do	--	--	Sep 1982	.75	787	.15	--	--	--	
	do	do	do	--	--	Mar 1983	.50	763	.15	--	4.44	--	
	do	do	do	--	--	Jun 1983	.25	858	.17	--	--	--	
70-28e	Big Tujunga F.C. Basin	Big Tujunga Cr	Sunland, CA	82.3	82.2	-- 1931	--	6,240	--	--	--	--	CE
	do	do	do	--	--	May 1938	6.9	4,734	--	--	2.65	--	
	do	do	do	--	--	Oct 1939	1.5	4,488	--	--	2.0	--	
	do	do	do	--	--	Feb 1940	.3	4,568	--	--	2.64	--	
	do	do	do	--	--	Jul 1941	1.5	4,425	--	--	7.33	--	
	do	do	do	--	--	Feb 1943	1.5	4,043	--	--	3.1	--	
	do	do	do	--	--	Apr 1943	.2	4,236	.28	--	--	--	
	do	do	do	--	--	Jun 1944	1.1	4,235	.28	--	2.19	--	
	do	do	do	--	--	Oct 1953	9.3	4,099	.27	--	.18	--	
	do	do	do	--	--	Jun 1958	4.8	4,123	.27	--	.28	--	
	do	do	do	--	--	Jul 1962	4.1	4,065	.26	--	.4	--	
	do	do	do	--	--	Oct 1966	4.25	3,819	.29	--	.71	--	
	do	do	do	--	--	Feb 1969	2.33	2,758	.21	--	6.03	--	
	do	do	do	--	--	Oct 1970	1.67	6,027	.39	--	--	--	
	do	do	do	--	--	Apr 1978	7.5	4,338	.28	--	2.74	--	
	do	do	do	--	--	Mar 1980	1.92	4,646	.30	--	--	--	

Data-sheet number	Reservoir	Stream	Nearest town	Drainage area (square miles) Total	Drainage area (square miles) Net	Date of survey	Period between surveys (years)	Storage capacity (acre-feet)	Capacity average annual inflow ratio (acre-feet per acre-feet)	Specific weight (dry) (pounds per cubic feet)	Average annual sediment accumulation per square mile of net drainage area for period shown: Acre-feet	Average annual sediment accumulation per square mile of net drainage area for period shown: Tons	Agency supplying data
				SALTON SEA, SOUTHERN CALIFORNIA COASTAL, AND GREAT BASIN DRAINAGE--Continued									
70-28e	Big Tujunga F.C. Basin	Big Tujunga Cr	Sunland, CA	--	--	May 1981	1.17	4,691	0.31	--	--	--	
	do	do	do	--	--	Dec 1981	.58	5,281	.34	--	12.4	--	
	do	do	do	--	--	May 1982	.42	5,281	.34	--	.0	0	
	do	do	do	--	--	Nov 1982	.50	6,216	.40	--	--	--	
70-29d	Devil's Gate F.C. Basin	Arroyo Seco R	Pasadena, CA	31.9	31.7	-- 1916	--	4,601	--	--	--	--	CE
	do	do	do	--	--	Jun 1933	13	4,554	--	--	.11	--	
	do	do	do	--	--	Sep 1934	1.2	4,127	--	--	11.15	--	
	do	do	do	--	--	Jan 1935	.3	3,996	--	--	13.69	--	
	do	do	do	--	--	Jun 1938	3.5	2,967	--	--	9.22	--	
	do	do	do	--	--	Jan 1942	3.6	2,728	--	--	2.08	--	
	do	do	do	--	--	Jan 1943	1	2,504	.38	--	5.02	--	
	do	do	do	--	--	-- 1948	5.7	2,561	.39	--	1.25	--	
	do	do	do	--	--	Jul 1952	3.8	2,630	.4	--	1.86	--	
	do	do	do	--	--	Sep 1955	3.3	2,709	.41	--	.58	--	
	do	do	do	--	--	Dec 1959	4.2	2,839	.43	--	.63	--	
	do	do	do	--	--	May 1961	1.4	2,886	.44	--	4.87	--	
	do	do	do	--	--	May 1962	1	2,749	.42	--	9.59	--	
	do	do	do	--	--	Sep 1966	4.3	2,598	.5	--	4.2	--	
	do	do	do	--	--	Nov 1969	3.2	2,002	.3	--	7.32	--	
	do	do	do	--	--	Dec 1971	2.08	1,928	.29	--	1.12	--	
	do	do	do	--	--	-- 1978	--	2,588	--	--	--	--	
	do	do	do	--	--	Mar 1980	2	2,790	.42	--	--	--	
	do	do	do	--	--	Jul 1981	1.33	2,869	.44	--	--	--	
	do	do	do	--	--	Sep 1982	1.17	2,820	.43	--	1.32	--	
70-30f	Eaton Wash F.C. Basin	Eaton Cr	Pasadena, CA	9.5	9.4	-- 1936	--	956	--	--	--	--	CE
	do	do	do	--	--	Feb 1937	1	945	--	--	1.17	--	
	do	do	do	--	--	May 1938	1.3	698	--	--	20.2	--	
	do	do	do	--	--	Dec 1938	.6	699	--	--	--	--	
	do	do	do	--	--	Oct 1940	1.8	711	--	--	--	--	

Data-sheet number	Reservoir	Stream	Nearest town	Drainage area (square miles) Total	Drainage area (square miles) Net	Date of survey	Period between surveys (years)	Storage capacity (acre-feet)	Capacity average annual inflow ratio (acre-feet per acre-feet)	Specific weight (dry) (pounds per cubic feet)	Average annual sediment accumulation per square mile of net drainage area for period shown Acre-feet	Average annual sediment accumulation per square mile of net drainage area for period shown Tons	Agency supplying data
				SALTON SEA, SOUTHERN CALIFORNIA COASTAL, AND GREAT BASIN DRAINAGE--Continued									
70-30f	Eaton Wash F.C. Basin	Eaton Cr	Pasadena, CA	--	--	Aug 1941	0.8	681	--	--	--	--	
	do	do	do	--	--	Sep 1942	1.1	722	--	--	--	--	
	do	do	do	--	--	Oct 1943	1.1	632	0.29	--	12.7	--	
	do	do	do	--	--	Oct 1944	1	607	.27	--	2.7	--	
	do	do	do	--	--	Oct 1946	2	674	.31	--	--	--	
	do	do	do	--	--	Jun 1947	.7	661	.3	--	2	--	
	do	do	do	--	--	Jun 1950	3	665	.3	--	--	--	
	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	--	--	Sep 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	--	--	Jul 1967	1.3	758.4	.34	--	6.49	--	
	do	do	do	--	--	Dec 1969	2.4	879	.4	--	11.3	--	
	do	do	do	--	--	Sep 1973	3.75	784	.35	--	2.69	--	
	do	do	do	--	--	Jul 1975	1.83	832	.38	--	5.52	--	
	do	do	do	--	--	Jan 1980	4.5	663	.30	--	4	--	
	do	do	do	--	--	Feb 1980	.08	406	.18	--	--	--	
	do	do	do	--	--	Jan 1981	.92	908	.41	--	--	--	
	do	do	do	--	--	Jul 1981	.5	880	.4	--	5.96	--	
	do	do	do	--	--	Apr 1983	1.75	721	.33	--	9.67	--	
70-31e	Pacoima F.C. Basin	Pacoima Cyn	San Fernando, CA	28.2	28.2	Oct 1929	--	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	--	--	Jun 1958	3.8	4,651	--	--	2.97	--	
	do	do	do	--	--	May 1962	3.9	4,581	.73	--	.64	--	

Data-sheet number	Reservoir	Stream	Nearest town	Drainage area (square miles) Total	Drainage area (square miles) Net	Date of survey	Period between surveys (years)	Storage capacity (acre-feet)	Capacity average annual inflow ratio (acre-feet per acre-feet)	Specific weight (dry) (pounds per cubic feet)	Average annual sediment accumulation per square mile of net drainage area for period shown: Acre-feet	Average annual sediment accumulation per square mile of net drainage area for period shown: Tons	Agency supplying data
				SALTON SEA, SOUTHERN CALIFORNIA COASTAL, AND GREAT BASIN DRAINAGE--Continued									
70-31e	Pacoima F.C. Basin	Pacoima Cyn	San Fernando, CA	--	--	Aug 1966	4.25	4,453	0.71	--	1.08	--	
	do	do	do	--	--	Mar 1969	2.58	3,841	.61	--	8.4	--	
	do	do	do	--	--	Oct 1971	2.58	3,929	.62	--	--	--	
	do	do	do	--	--	Apr 1973	1.5	3,783	.60	--	3.45	--	
	do	do	do	--	--	Nov 1976	3.58	3,782	.60	--	.01	--	
	do	do	do	--	--	May 1978	1.58	3,386	.54	--	8.89	--	
	do	do	do	--	--	Mar 1980	1.83	3,268	.52	--	2.29	--	
	do	do	do	--	--	Dec 1981	1.75	3,300	.52	--	--	--	
	do	do	do	--	--	Mar 1983	1.25	3,115	.49	--	5.21	--	
	do	do	do	--	--	Aug 1983	.42	3,777	.60	--	--	--	
70-33c	Sawpit F.C. Basin	Sawpit Cr	Monrovia, CA	3.3	3.3	-- 1923	--	476	--	--	--	--	CE
	do	do	do	--	--	Oct 1935	8.3	389	--	--	3.18	--	
	do	do	do	--	--	May 1938	2.6	320	--	--	8.03	--	
	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	--	--	Sep 1959	5.5	289	--	--	3.03	--	
	do	do	do	--	--	May 1962	2.7	271.8	.52	--	1.91	--	
	do	do	do	--	--	Aug 1964	2.2	308.5	.61	--	5.09	--	
	do	do	do	--	--	Jul 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	--	
	do	do	do	--	--	Mar 1978	8.3	327.9	.40	--	2.3	--	
	do	do	do	--	--	Mar 1980	2	355	.43	--	--	--	
	do	do	do	--	--	Apr 1981	1.08	354	.43	--	.28	--	
	do	do	do	--	--	Oct 1982	1.5	417	.5	--	--	--	
70-35d	Thompson Cr F.C. Basin	Thompson Cr	Claremont, CA	3.5	3.5	-- 1916	--	692	3.51	--	--	--	CE
	do	do	do	--	--	Oct 1932	4.6	643	3.26	--	3.04	--	
	do	do	do	--	--	Jan 1943	10.3	612	3.11	--	.86	--	
	do	do	do	--	--	Sep 1954	11.7	571	2.9	--	1	--	

Data-sheet number	Reservoir	Stream	Nearest town	Drainage area (square miles) Total	Drainage area (square miles) Net	Date of survey	Period between surveys (years)	Storage capacity (acre-feet)	Capacity average annual inflow ratio (acre-feet per acre-feet)	Specific weight (dry) (pounds per cubic feet)	Average annual sediment accumulation per square mile of net drainage area for period shown: Acre-feet	Average annual sediment accumulation per square mile of net drainage area for period shown: Tons	Agency supplying data
				SALTON SEA, SOUTHERN CALIFORNIA COASTAL, AND GREAT BASIN DRAINAGE--Continued									
70-35d	Thompson Cr F.C. Basin	Thompson Cr	Claremont, CA	--	--	Jan 1957	3.3	566	2.87	--	0.86	--	
	do	do	do	--	--	Jun 1957	.4	570	2.89	--	--	--	
	do	do	do	--	--	Dec 1959	1.5	578	2.93	--	--	--	
	do	do	do	--	--	Jul 1962	2.6	554	2.81	--	2.64	--	
	do	do	do	--	--	Jul 1967	4.6	510	2.59	--	2.73	--	
	do	do	do	--	--	Feb 1969	2	448	2.27	--	8.93	--	
	do	do	do	--	--	Nov 1972	3.75	503	2.55	--	--	--	
	do	do	do	--	--	Aug 1978	5.75	466	2.37	--	1.84	--	
	do	do	do	--	--	Mar 1980	1.58	415	2.11	--	9.22	--	
	do	do	do	--	--	Jun 1981	1.25	419	2.13	--	--	--	
70-41d	Eagle Debris Basin	Eagle Cyn	La Crescenta, CA	0.61	0.61	Sep 1938	2	--	--	--	21.2	--	CE
	do	do	do	--	--	Sep 1939	1	--	--	--	11.7	--	
	do	do	do	--	--	Sep 1941	2	--	--	--	7.03	--	
	do	do	do	--	--	Sep 1942	1	--	--	--	.34	--	
	do	do	do	--	--	Sep 1943	1	--	--	--	15.7	--	
	do	do	do	--	--	Sep 1944	1	--	--	--	4.59	--	
	do	do	do	--	--	Sep 1945	1	--	--	--	1.11	--	
	do	do	do	--	--	Sep 1946	1	--	--	--	.59	--	
	do	do	do	--	--	Sep 1947	1	--	--	--	.41	--	
	do	do	do	--	--	Sep 1948	1	--	--	--	.07	--	
	do	do	do	--	--	Sep 1949	1	--	--	--	0	--	
	do	do	do	--	--	Sep 1950	1	--	--	--	0	--	
	do	do	do	--	--	Sep 1952	2	--	--	--	2.66	--	
	do	do	do	--	--	Sep 1956	3.9	--	--	--	.02	--	
	do	do	do	--	--	Sep 1960	4.1	--	--	--	1.67	--	
	do	do	do	--	--	Sep 1961	1	--	--	--	2.05	--	
	do	do	do	--	--	Sep 1966	5	--	--	--	5.28	--	
	do	do	do	--	--	Sep 1970	4	--	--	--	5.87	--	
	do	do	do	--	--	Sep 1978	8	--	--	--	6.77	--	
	do	do	do	--	--	Sep 1981	3	--	--	--	1.66	--	

Data-sheet number	Reservoir	Stream	Nearest town	Drainage area (square miles) Total	Drainage area (square miles) Net	Date of survey	Period between surveys (years)	Storage capacity (acre-feet)	Capacity average annual inflow ratio (acre-feet per acre-feet)	Specific weight (dry) (pounds per cubic feet)	Average annual sediment accumulation per square mile of net drainage area for period shown: Acre-feet	Average annual sediment accumulation per square mile of net drainage area for period shown: Tons	Agency supplying data
SALTON SEA, SOUTHERN CALIFORNIA COASTAL, AND GREAT BASIN DRAINAGE--Continued													
70-42e	Fair Oaks Debris Basin	Fair Oaks Cyn	Altadena, CA	0.21	0.21	Sep 1936	1	--	--	--	46.4	--	CE
	do	do	do	--	--	Sep 1938	2	--	--	--	47.6	--	
	do	do	do	--	--	Sep 1941	3	--	--	--	3.9	--	
	do	do	do	--	--	Sep 1943	2	--	--	--	4.8	--	
	do	do	do	--	--	Sep 1944	1	--	--	--	.24	--	
	do	do	do	--	--	Sep 1945	1	--	--	--	1.71	--	
	do	do	do	--	--	Sep 1946	1	--	--	--	2.86	--	
	do	do	do	--	--	Sep 1947	1	--	--	--	1.95	--	
	do	do	do	--	--	Sep 1948	1	--	--	--	.019	--	
	do	do	do	--	--	Sep 1949	1	--	--	--	.0	0	
	do	do	do	--	--	Sep 1950	1	--	--	--	.0	0	
	do	do	do	--	--	Sep 1952	2	--	--	--	4.57	--	
	do	do	do	--	--	Oct 1956	4.1	--	--	--	.14	--	
	do	do	do	--	--	Jun 1958	1.7	--	--	--	19.05	--	
	do	do	do	--	--	Sep 1963	5.2	--	--	--	4.76	--	
	do	do	do	--	--	Sep 1966	3	--	--	--	10.14	--	
	do	do	do	--	--	Sep 1968	2	--	--	--	3.1	--	
	do	do	do	--	--	Sep 1969	1	--	--	--	46.9	--	
	do	do	do	--	--	Sep 1981	12	--	--	--	1.23	--	
70-43d	Fern Debris Basin	Fern Cyn	Altadena, CA	.3	.3	Dec 1935	--	--	--	--	--	--	CE
	do	do	do	--	--	Sep 1936	.83	--	--	--	30.84	--	
	do	do	do	--	--	Sep 1938	2	--	--	--	44.02	--	
	do	do	do	--	--	Sep 1941	3	--	--	--	3.3	--	
	do	do	do	--	--	Sep 1943	2	--	--	--	10.03	--	
	do	do	do	--	--	Sep 1952	9	--	--	--	2.53	--	
	do	do	do	--	--	Sep 1964	12	--	--	--	1.23	--	
	do	do	do	--	--	Sep 1966	2	--	--	--	16.7	--	
	do	do	do	--	--	Sep 1968	2	--	--	--	10.5	--	
	do	do	do	--	--	Sep 1969	1	--	--	--	47.63	--	
	do	do	do	--	--	Sep 1973	4	--	--	--	5.12	--	
	do	do	do	--	--	Sep 1981	8	--	--	--	2.58	--	

Data-sheet number	Reservoir	Stream	Nearest town	Drainage area (square miles) Total	Drainage area (square miles) Net	Date of survey	Period between surveys (years)	Storage capacity (acre-feet)	Capacity average annual inflow ratio (acre-feet per acre-feet)	Specific weight (dry) (pounds per cubic feet)	Average annual sediment accumulation per square mile of net drainage area for period shown Acre-feet	Average annual sediment accumulation per square mile of net drainage area for period shown Tons	Agency supplying data
SALTON SEA, SOUTHERN CALIFORNIA COASTAL, AND GREAT BASIN DRAINAGE--Continued													
70-44e	Gould Debris Basin	Gould Cyn Chan.	La Canada, CA	0.47	0.47	Sep 1948	1	--	--	--	0	--	CE
	do	do	do	--	--	Sep 1950	2	--	--	--	0	--	
	do	do	do	--	--	Sep 1952	2	--	--	--	5.32	--	
	do	do	do	--	--	Jun 1958	5.8	--	--	--	3.29	--	
	do	do	do	--	--	Sep 1962	4.2	--	--	--	5.83	--	
	do	do	do	--	--	Sep 1966	4	--	--	--	9.04	--	
	do	do	do	--	--	Sep 1968	2	--	--	--	1.98	--	
	do	do	do	--	--	Sep 1969	1	--	--	--	20.45	--	
	do	do	do	--	--	Sep 1975	6	--	--	--	2.68	--	
	do	do	do	--	--	Sep 1981	6	--	--	--	2.33	--	
70-46e	Hall's Debris Basin	Hall-Beckley Cyn	La Canada, CA	.84	.84	Nov 1935	--	--	--	--	--	--	CE
	do	do	do	--	--	Sep 1937	1.9	--	--	--	12.82	--	
	do	do	do	--	--	Sep 1938	1	--	--	--	77.21	--	
	do	do	do	--	--	Sep 1940	2	--	--	--	9.45	--	
	do	do	do	--	--	Sep 1943	3	--	--	--	20.61	--	
	do	do	do	1.06	1.06	Sep 1948	5	--	--	--	2.43	--	
	do	do	do	--	--	Feb 1957	8.4	--	--	--	.23	--	
	do	do	do	--	--	Sep 1959	2.6	--	--	--	11.54	--	
	do	do	do	--	--	Sep 1962	3	--	--	--	.06	--	
	do	do	do	--	--	Sep 1964	2	--	--	--	4.5	--	
	do	do	do	--	--	Sep 1968	4	--	--	--	3.48	--	
	do	do	do	--	--	Sep 1969	1	--	--	--	34.46	--	
	do	do	do	--	--	Sep 1978	5	--	--	--	2.27	--	
	do	do	do	--	--	Sep 1983	5	--	--	--	6.88	--	
70-47d	Hay Debris Basin	Hay Cyn Chan.	La Canada, CA	.2	.2	Sep 1938	2	--	--	--	28.3	--	CE
	do	do	do	--	--	Sep 1939	1	--	--	--	6.3	--	
	do	do	do	--	--	Sep 1940	1	--	--	--	.55	--	
	do	do	do	--	--	Sep 1941	1	--	--	--	1.9	--	
	do	do	do	--	--	Sep 1943	2	--	--	--	4.75	--	
	do	do	do	--	--	Sep 1944	1	--	--	--	.65	--	
	do	do	do	--	--	Sep 1945	1	--	--	--	1.55	--	

Data-sheet number	Reservoir	Stream	Nearest town	Drainage area (square miles) Total	Drainage area (square miles) Net	Date of survey	Period between surveys (years)	Storage capacity (acre-feet)	Capacity average annual inflow ratio (acre-feet per acre-feet)	Specific weight (dry) (pounds per cubic feet)	Average annual sediment accumulation per square mile of net drainage area for period shown: Acre-feet	Average annual sediment accumulation per square mile of net drainage area for period shown: Tons	Agency supplying data
				SALTON SEA, SOUTHERN CALIFORNIA COASTAL, AND GREAT BASIN DRAINAGE--Continued									
70-47d	Hay Debris Basin	Hay Cyn Chan.	La Canada, CA	--	--	Sep 1946	1	--	--	--	0	--	
	do	do	do	--	--	Sep 1947	1	--	--	--	0	--	
	do	do	do	--	--	Sep 1948	1	--	--	--	0	--	
	do	do	do	--	--	Sep 1949	1	--	--	--	0	--	
	do	do	do	--	--	Sep 1950	1	--	--	--	0	--	
	do	do	do	--	--	Sep 1952	2	--	--	--	2.3	--	
	do	do	do	--	--	Sep 1961	9	--	--	--	3.58	--	
	do	do	do	--	--	Sep 1964	3	--	--	--	5.95	--	
	do	do	do	--	--	Sep 1968	4	--	--	--	3.25	--	
	do	do	do	--	--	Sep 1970	2	--	--	--	8.83	--	
	do	do	do	--	--	Sep 1977	7	--	--	--	.71	--	
	do	do	do	--	--	Sep 1981	4	--	--	--	4.65	--	
70-48e	Las Flores Debris Basin	Las Flores Chan.	Altadena, CA	0.45	0.45	Apr 1935	--	--	--	--	--	--	CE
	do	do	do	--	--	Sep 1936	.5	--	--	--	28.88	--	
	do	do	do	--	--	Sep 1938	2	--	--	--	38.31	--	
	do	do	do	--	--	Sep 1944	6	--	--	--	3.26	--	
	do	do	do	--	--	Sep 1963	19	--	--	--	2.31	--	
	do	do	do	--	--	Sep 1966	3	--	--	--	9.07	--	
	do	do	do	--	--	Sep 1969	3	--	--	--	11.42	--	
	do	do	do	--	--	Sep 1980	11	--	--	--	5.80	--	
	do	do	do	--	--	Sep 1983	3	--	--	--	4.45	--	
70-49f	Lincoln Debris Basin	Lincoln Cyn	Altadena, CA	.5	.5	Jan 1936	--	--	--	--	--	--	CE
	do	do	do	--	--	Sep 1936	.75	--	--	--	6.53	--	
	do	do	do	--	--	Sep 1938	2	--	--	--	21.24	--	
	do	do	do	--	--	Sep 1941	3	--	--	--	5.35	--	
	do	do	do	--	--	Sep 1944	3	--	--	--	4.44	--	
	do	do	do	--	--	Mar 1952	7.5	--	--	--	1.28	--	
	do	do	do	--	--	Sep 1961	9.5	--	--	--	.08	--	
	do	do	do	--	--	Sep 1967	6	--	--	--	3.09	--	
	do	do	do	--	--	Sep 1969	2	--	--	--	16.22	--	

Data-sheet number	Reservoir	Stream	Nearest town	Drainage area (square miles) Total	Drainage area (square miles) Net	Date of survey	Period between surveys (years)	Storage capacity (acre-feet)	Capacity average annual inflow ratio (acre-feet per acre-feet)	Specific weight (dry) (pounds per cubic feet)	Average annual sediment accumulation per square mile of net drainage area for period shown: Acre-feet	Average annual sediment accumulation per square mile of net drainage area for period shown: Tons	Agency supplying data
				SALTON SEA, SOUTHERN CALIFORNIA COASTAL, AND GREAT BASIN DRAINAGE--Continued									
70-49f	Lincoln Debris Basin	Lincoln Cyn	Altadena, CA	--	--	Sep 1977	8	--	--	--	0.44	--	
	do	do	do	--	--	Sep 1981	4	--	--	--	2.85	--	
70-50d	Nichols Debris Basin	Nichols Cyn	Hollywood, CA	0.94	0.94	Sep 1942	5	--	--	--	3.18	--	CE
	do	do	do	--	--	Sep 1943	1	--	--	--	1.98	--	
	do	do	do	--	--	Sep 1944	1	--	--	--	.48	--	
	do	do	do	--	--	Sep 1945	1	--	--	--	.20	--	
	do	do	do	--	--	Sep 1946	1	--	--	--	.15	--	
	do	do	do	--	--	Sep 1947	1	--	--	--	3.72	--	
	do	do	do	--	--	Sep 1948	1	--	--	--	.29	--	
	do	do	do	--	--	Sep 1949	1	--	--	--	.38	--	
	do	do	do	--	--	Sep 1950	1	--	--	--	.8	--	
	do	do	do	--	--	Apr 1952	1.6	--	--	--	5.82	--	
	do	do	do	--	--	Feb 1956	3.8	--	--	--	.47	--	
	do	do	do	--	--	Sep 1959	3.6	--	--	--	1.39	--	
	do	do	do	--	--	Sep 1960	1	--	--	--	3.29	--	
	do	do	do	--	--	Sep 1966	6	--	--	--	1.06	--	
	do	do	do	--	--	Sep 1968	2	--	--	--	2.15	--	
	do	do	do	--	--	Sep 1970	2	--	--	--	2.77	--	
	do	do	do	--	--	Sep 1981	11	--	--	--	1.49	--	
70-52d	Pickens Debris Basin	Pickens Cyn	La Crescenta, CA	1.84	1.84	Sep 1936	1	--	--	--	11.0	--	CE
	do	do	do	--	--	Sep 1937	1	--	--	--	6.89	--	
	do	do	do	--	--	Sep 1938	1	--	--	--	44.9	--	
	do	do	do	--	--	Sep 1939	1	--	--	--	2.95	--	
	do	do	do	--	--	Sep 1940	1	--	--	--	4.75	--	
	do	do	do	--	--	Sep 1941	1	--	--	--	11.6	--	
	do	do	do	--	--	Sep 1943	2	--	--	--	9.03	--	
	do	do	do	--	--	Sep 1944	1	--	--	--	3	--	
	do	do	do	--	--	Sep 1945	1	--	--	--	.51	--	
	do	do	do	--	--	Sep 1946	1	--	--	--	.23	--	

Data-sheet number	Reservoir	Stream	Nearest town	Drainage area (square miles) Total	Drainage area (square miles) Net	Date of survey	Period between surveys (years)	Storage capacity (acre-feet)	Capacity average annual inflow ratio (acre-feet per acre-feet)	Specific weight (dry) (pounds per cubic feet)	Average annual sediment accumulation per square mile of net drainage area for period shown: Acre-feet	Average annual sediment accumulation per square mile of net drainage area for period shown: Tons	Agency supplying data
				SALTON SEA, SOUTHERN CALIFORNIA COASTAL, AND GREAT BASIN DRAINAGE--Continued									
70-52d	Pickens Debris Basin	Pickens Cyn	La Crescenta, CA	--	--	Sep 1947	1	--	--	--	0.37	--	
	do	do	do	--	--	Sep 1948	1	--	--	--	.15	--	
	do	do	do	--	--	Sep 1949	1	--	--	--	0	--	
	do	do	do	--	--	Sep 1950	1	--	--	--	0	--	
	do	do	do	--	--	Sep 1952	2	--	--	--	2.25	--	
	do	do	do	--	--	Sep 1959	7	--	--	--	2.81	--	
	do	do	do	--	--	Sep 1966	7	--	--	--	3.41	--	
	do	do	do	--	--	Sep 1970	4	--	--	--	4.44	--	
	do	do	do	--	--	Sep 1973	3	--	--	--	2.44	--	
	do	do	do	--	--	Sep 1977	4	--	--	--	6.18	--	
	do	do	do	--	--	Sep 1978	1	--	--	--	47.36	--	
	do	do	do	--	--	Sep 1980	2	--	--	--	4.63	--	
	do	do	do	--	--	Sep 1983	3	--	--	--	3.49	--	
70-53d	Rubio Debris Basin	Rubio Wash	Altadena, CA	1.3	1.3	Sep 1946	3	--	--	--	.69	--	CE
	do	do	do	--	--	Sep 1947	1	--	--	--	.32	--	
	do	do	do	--	--	Sep 1948	1	--	--	--	0	--	
	do	do	do	--	--	Sep 1949	1	--	--	--	0	--	
	do	do	do	--	--	Sep 1950	1	--	--	--	0	--	
	do	do	do	--	--	Sep 1952	2	--	--	--	1.23	--	
	do	do	do	--	--	Sep 1957	4.7	--	--	--	.05	--	
	do	do	do	--	--	Sep 1966	9.4	--	--	--	2.07	--	
	do	do	do	--	--	Sep 1969	3	--	--	--	10.0	--	
	do	do	do	--	--	Sep 1978	9	--	--	--	1.71	--	
	do	do	do	--	--	Sep 1982	4	--	--	--	13.04	--	
	do	do	do	--	--	Sep 1983	1	--	--	--	10.15	--	
70-55d	Shields Debris Basin	Shields Debris Basin	La Crescenta, CA	.27	.27	Sep 1938	1	--	--	--	77	--	CE
	do	do	do	--	--	Sep 1939	1	--	--	--	10.1	--	
	do	do	do	--	--	Sep 1941	2	--	--	--	10.9	--	
	do	do	do	--	--	Sep 1943	2	--	--	--	5.85	--	

Data-sheet number	Reservoir	Stream	Nearest town	Drainage area (square miles) Total	Drainage area (square miles) Net	Date of survey	Period between surveys (years)	Storage capacity (acre-feet)	Capacity average annual inflow ratio (acre-feet per acre-feet)	Specific weight (dry) (pounds per cubic feet)	Average annual sediment accumulation per square mile of net drainage area for period shown Acre-feet	Average annual sediment accumulation per square mile of net drainage area for period shown Tons	Agency supplying data
				SALTON SEA, SOUTHERN CALIFORNIA COASTAL, AND GREAT BASIN DRAINAGE--Continued									
70-55d	Shields Debris Basin	Shields Debris Basin	La Crescenta, CA	--	--	Sep 1945	2	--	--	--	0.52	--	
	do	do	do	--	--	Sep 1946	1	--	--	--	1.04	--	
	do	do	do	--	--	Sep 1947	1	--	--	--	.04	--	
	do	do	do	--	--	Sep 1948	1	--	--	--	0	--	
	do	do	do	--	--	Sep 1949	1	--	--	--	0	--	
	do	do	do	--	--	Sep 1950	1	--	--	--	0	--	
	do	do	do	--	--	Sep 1952	1.5	--	--	--	10.9	--	
	do	do	do	--	--	Sep 1961	9.5	--	--	--	2.07	--	
	do	do	do	--	--	Sep 1966	5	--	--	--	6.81	--	
	do	do	do	--	--	Sep 1976	10	--	--	--	4.45	--	
	do	do	do	--	--	Sep 1978	2	--	--	--	21.93	--	
	do	do	do	--	--	Sep 1981	3	--	--	--	2.53	--	
70-56d	Snover Debris Basin	Snover Cyn	La Crescenta, CA	0.23	0.23	Sep 1938	2	--	--	--	22.6	--	CE
	do	do	do	--	--	Sep 1939	1	--	--	--	57	--	
	do	do	do	--	--	Sep 1941	2	--	--	--	4.4	--	
	do	do	do	--	--	Sep 1943	2	--	--	--	8.3	--	
	do	do	do	--	--	Sep 1945	2	--	--	--	.65	--	
	do	do	do	--	--	Sep 1952	7	--	--	--	1.09	--	
	do	do	do	--	--	Sep 1961	9	--	--	--	.06	--	
	do	do	do	--	--	Sep 1968	7	--	--	--	3.3	--	
	do	do	do	--	--	Sep 1969	1	--	--	--	30.17	--	
	do	do	do	--	--	Sep 1978	9	--	--	--	5.84	--	
	do	do	do	--	--	Sep 1981	3	--	--	--	3.77	--	
	do	do	do	--	--	Sep 1983	2	--	--	--	12.13	--	
70-58d	Stough Debris Basin	Stough Cyn Chan.	Burbank, CA	1.65	1.65	Sep 1943	3	--	--	--	4.22	--	CE
	do	do	do	--	--	Sep 1944	1	--	--	--	2.84	--	
	do	do	do	--	--	Sep 1945	1	--	--	--	1.76	--	
	do	do	do	--	--	Sep 1946	1	--	--	--	0	--	
	do	do	do	--	--	Sep 1947	1	--	--	--	0	--	

Data-sheet number	Reservoir	Stream	Nearest town	Drainage area (square miles) Total	Drainage area (square miles) Net	Date of survey	Period between surveys (years)	Storage capacity (acre-feet)	Capacity average annual inflow ratio (acre-feet per acre-feet)	Specific weight (dry) (pounds per cubic feet)	Average annual sediment accumulation per square mile of net drainage area for period shown Acre-feet	Average annual sediment accumulation per square mile of net drainage area for period shown Tons	Agency supplying data
				SALTON SEA, SOUTHERN CALIFORNIA COASTAL, AND GREAT BASIN DRAINAGE--Continued									
70-58d	Stough Debris Basin	Stough Cyn Chan.	Burbank, CA	--	--	Sep 1950	3	--	--	--	0	--	
	do	do	do	--	--	Sep 1952	1.6	--	--	--	2.73	--	
	do	do	do	--	--	Sep 1958	6.4	--	--	--	.37	--	
	do	do	do	--	--	Sep 1960	2	--	--	--	.75	--	
	do	do	do	--	--	Sep 1965	5	--	--	--	2.86	--	
	do	do	do	--	--	Sep 1973	8	--	--	--	.52	--	
	do	do	do	--	--	Sep 1980	7	--	--	--	.92	--	
70-59e	Sunset Cyn Debris Dam (Upper)	Sunset Cyn Chan.	Burbank, CA	0.44	0.44	Nov 1929	--	--	--	--	--	--	CE
	do	do	do	--	--	Sep 1942	12.9	--	--	--	1	--	
	do	do	do	--	--	Sep 1952	10	--	--	--	.45	--	
	do	do	do	--	--	Sep 1959	7	--	--	--	1.68	--	
	do	do	do	--	--	Sep 1966	7	--	--	--	8.13	--	
	do	do	do	--	--	Sep 1969	3	--	--	--	6.23	--	
	do	do	do	--	--	Sep 1971	2	--	--	--	1.74	--	
	do	do	do	--	--	Sep 1973	2	--	--	--	1.34	--	
	do	do	do	--	--	Sep 1978	5	--	--	--	5.80	--	
	do	do	do	--	--	Sep 1980	2	--	--	--	11.14	--	
	do	do	do	--	--	Sep 1981	1	--	--	--	21.7	--	
	do	do	do	--	--	Sep 1983	2	--	--	--	6.13	--	
70-66b	Auburn Debris Basin	Auburn Cr	Sierra Madre, CA	.19	.19	Dec 1954	--	--	--	--	--	--	CE
	do	do	do	--	--	Sep 1962	7.8	--	--	--	11.74	--	
	do	do	do	--	--	Sep 1968	6	--	--	--	5.8	--	
	do	do	do	--	--	Sep 1972	4	--	--	--	29.1	--	
	do	do	do	--	--	Sep 1976	4	--	--	--	1.14	--	
	do	do	do	--	--	Sep 1982	6	--	--	--	19.74	--	
70-67c	Bradbury Debris Basin	Bradbury Cyn	Monrovia, CA	.68	.68	Jan 1955	--	--	--	--	--	--	CE
	do	do	do	--	--	Sep 1959	4.75	--	--	--	8.24	--	
	do	do	do	--	--	Sep 1961	2	--	--	--	1.62	--	

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				SALTON SEA, SOUTHERN CALIFORNIA COASTAL, AND GREAT BASIN DRAINAGE--Continued									
70-67c	Bradbury Debris Basin	Bradbury Cyn	Monrovia, CA	--	--	Sep 1966	5	--	--	--	6.66	--	
	do	do	do	--	--	Sep 1969	3	--	--	--	23.2	--	
	do	do	do	--	--	Sep 1979	10	--	--	--	--	--	
	do	do	do	--	--	Sep 1980	1	--	--	--	15.77	--	
	do	do	do	--	--	Sep 1981	1	--	--	--	38.82	--	
	do	do	do	--	--	Sep 1982	1	--	--	--	10.66	--	
	do	do	do	--	--	Sep 1983	1	--	--	--	11.21	--	
70-69b	Deer Debris Basin	Deer Cyn	Glendale, CA	0.59	0.59	Jan 1985	--	--	--	--	--	--	CE
	do	do	do	--	--	Sep 1959	4.83	--	--	--	55	--	
	do	do	do	--	--	Sep 1964	5	--	--	--	2.1	--	
	do	do	do	--	--	Sep 1965	1	--	--	--	24.74	--	
	do	do	do	--	--	Sep 1966	1	--	--	--	21.19	--	
	do	do	do	--	--	Sep 1969	3	--	--	--	19	--	
	do	do	do	--	--	Sep 1980	11	--	--	--	3.58	--	
	do	do	do	--	--	Sep 1981	1	--	--	--	.95	--	
70-71b	La Tuna Debris Basin	La Tuna Cyn	Sun Valley, CA	5.34	5.34	Jan 1956	--	--	--	--	--	--	CE
	do	do	do	--	--	Feb 1956	.1	--	--	--	7.85	--	
	do	do	do	--	--	Jul 1957	1.4	--	--	--	.04	--	
	do	do	do	--	--	Sep 1958	1.2	--	--	--	.13	--	
	do	do	do	--	--	Sep 1959	1	--	--	--	2.15	--	
	do	do	do	--	--	Sep 1960	1	--	--	--	1.22	--	
	do	do	do	--	--	Sep 1962	2	--	--	--	1.53	--	
	do	do	do	--	--	Sep 1971	9	--	--	--	1.27	--	
	do	do	do	--	--	Sep 1973	2	--	--	--	.46	--	
	do	do	do	--	--	Sep 1977	4	--	--	--	.06	--	
	do	do	do	--	--	Sep 1980	3	--	--	--	9.87	--	
	do	do	do	--	--	Sep 1981	1	--	--	--	7.0	--	
	do	do	do	--	--	Sep 1983	2	--	--	--	5.49	--	

SUMMARY OF
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Data-sheet number	Reservoir	Stream	Nearest town	Drainage area (square miles) Total	Drainage area (square miles) Net	Date of survey	Period between surveys (years)	Storage capacity (acre-feet)	Capacity average annual inflow ratio (acre-feet per acre-feet)	Specific weight (dry) (pounds per cubic feet)	Average annual sediment accumulation per square mile of net drainage area for period shown Acre-feet	Average annual sediment accumulation per square mile of net drainage area for period shown Tons	Agency supplying data
				SALTON SEA, SOUTHERN CALIFORNIA COASTAL, AND GREAT BASIN DRAINAGE--Continued									
70-72c	Lannan Debris Basin	Lannan Wash	Sierra Madre, CA	0.25	0.25	Mar 1954	--	--	--	--	--	--	CE
	do	do	do	--	--	Sep 1962	8.6	--	--	--	3.96	--	
	do	do	do	--	--	Sep 1967	5	--	--	--	2.78	--	
	do	do	do	--	--	Sep 1970	3	--	--	--	18.76	--	
	do	do	do	--	--	Sep 1971	1	--	--	--	32.96	--	
	do	do	do	--	--	Sep 1974	3	--	--	--	9.17	--	
	do	do	do	--	--	Sep 1981	7	--	--	--	5.67	--	
70-77c	Rowley Debris Basin	Rowley Cyn	Tujunga, CA	.58	.58	Jan 1954	--	--	--	--	--	--	CE
	do	do	do	--	--	Sep 1959	5.67	--	--	--	.62	--	
	do	do	do	--	--	Sep 1968	9	--	--	--	1.5	--	
	do	do	do	--	--	Sep 1969	1	--	--	--	12.19	--	
	do	do	do	--	--	Sep 1976	7	--	--	--	2.75	--	
	do	do	do	--	--	Sep 1978	2	--	--	--	11.38	--	
	do	do	do	--	--	Sep 1981	3	--	--	--	.68	--	
70-80b	Sawpit Debris Basin	Sawpit Wash	Monrovia, CA	6.34	2.84	Jan 1955	--	--	--	--	--	--	CE
	do	do	do	--	--	Sep 1959	4.67	--	--	--	4.6	--	
	do	do	do	--	--	Sep 1962	3	--	--	--	6.9	--	
	do	do	do	--	--	Sep 1969	7	--	--	--	9.82	--	
	do	do	do	--	--	Sep 1981	12	--	--	--	2.36	--	
	do	do	do	--	--	Sep 1983	2	--	--	--	4.82	--	
70-81c	Sierra Madre Villa Debris Basin	Sierra Madre Villa Cyn	Sierra Madre, CA	1.46	1.46	May 1958	--	--	--	--	--	--	CE
	do	do	do	--	--	Sep 1959	1.4	--	--	--	.34	--	
	do	do	do	--	--	Sep 1962	3	--	--	--	16.92	--	
	do	do	do	--	--	Sep 1968	6	--	--	--	.18	--	
	do	do	do	--	--	Sep 1970	2	--	--	--	45.89	--	
	do	do	do	--	--	Sep 1976	6	--	--	--	1.83	--	
	do	do	do	--	--	Sep 1978	2	--	--	--	.38	--	
	do	do	do	--	--	Sep 1979	1	--	--	--	12.75	--	

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				SALTON SEA, SOUTHERN CALIFORNIA COASTAL, AND GREAT BASIN DRAINAGE--Continued									
70-81c	Sierra Madre Villa Debris Basin	Sierra Madre Villa Cyn	Sierra Madre, CA	--	--	Sep 1983	4	--	--	--	10.57	--	
70-82b	Spinks Debris Basin	Spinks Cyn	Monrovia, CA	0.44	0.44	Dec 1958	--	--	--	--	--	--	CE
	do	do	do	--	--	Sep 1959	.8	--	--	--	--	--	
	do	do	do	--	--	Sep 1962	3.0	--	--	--	1.66	--	
	do	do	do	--	--	Sep 1969	7	--	--	--	5.32	--	
	do	do	do	--	--	Sep 1980	11	--	--	--	1.71	--	
	do	do	do	--	--	Sep 1983	3	--	--	--	5.12	--	
70-83c	Turnbull Debris Basin	Turnbull Cyn Wash	Whittier, CA	.99	.99	Jan 1953	--	--	--	--	--	--	CE
	do	do	do	--	--	Sep 1968	15.75	--	--	--	.35	--	
	do	do	do	--	--	Sep 1969	1	--	--	--	15.85	--	
	do	do	do	--	--	Sep 1983	14	--	--	--	.69	--	
70-84d	Zachau Debris Basin	Zachau Cyn	Tujunga, CA	.35	.35	Aug 1956	--	--	--	--	--	--	CE
	do	do	do	--	--	Sep 1961	5.16	--	--	--	.31	--	
	do	do	do	--	--	Sep 1969	8	--	--	--	2.54	--	
	do	do	do	--	--	Sep 1978	9	--	--	--	15.7	--	
	do	do	do	--	--	Sep 1980	2	--	--	--	8.14	--	
70-86a	Sepulveda F.C. Basin	Los Angeles R	Eucino, CA	152	142	Nov 1941	--	16,720	--	--	--	--	CE
	do	do	do	--	--	Nov 1944	3	17,437	--	--	.0	0	
	do	do	do	--	--	Jun 1961	16.6	17,296	--	--	.06	--	
	do	do	do	--	--	Dec 1980	19.5	17,425	--	--	--	--	
70-87b	Santa Fe F.C. Basin	San Gabriel R	Baldwin Park, CA	236	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	--	--	1.51	--	

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				SALTON SEA, SOUTHERN CALIFORNIA COASTAL, AND GREAT BASIN DRAINAGE--Continued									
70-87b	Santa Fe F.C. Basin	San Gabriel R	Baldwin Park, CA	--	--	Jun 1961	2.2	33,385	--	--	13.32	--	
	do	do	do	--	--	Feb 1967	5.7	32,716	--	--	5.72	--	
	do	do	do	--	--	Sep 1968	1.6	34,916	--	--	--	--	
	do	do	do	--	--	Aug 1969	.9	32,642	--	--	123	--	
	do	do	do	--	--	Sep 1982	13.08	32,109	--	--	1.98	--	
70-91b	Childs Debris Basin	Childs Cyn	Glendale, CA	0.31	0.31	Sep 1963	--	--	--	--	--	--	CE
	do	do	do	--	--	Sep 1966	3	--	--	--	9.07	--	
	do	do	do	--	--	Sep 1968	2	--	--	--	2.81	--	
	do	do	do	--	--	Sep 1979	11	--	--	--	2.26	--	
	do	do	do	--	--	Sep 1980	1	--	--	--	4.19	--	
	do	do	do	--	--	Sep 1981	1	--	--	--	22.0	--	
70-92b	Elmwood Debris Basin	Elmwood Cyn	Burbank, CA	.31	.31	-- 1964	--	--	--	--	--	--	CE
	do	do	do	--	--	Sep 1968	4	--	--	--	7.92	--	
	do	do	do	--	--	Sep 1974	6	--	--	--	2.06	--	
	do	do	do	--	--	Sep 1980	6	--	--	--	3.1	--	
70-96b	Kinneloa Debris Basin	Kinneloa Cyn	Pasadena, CA	.2	.2	Oct 1964	--	--	--	--	--	--	CE
	do	do	do	--	--	Sep 1966	1.92	--	--	--	10.5	--	
	do	do	do	--	--	Sep 1969	3	--	--	--	21.65	--	
	do	do	do	--	--	Sep 1970	1	--	--	--	12.7	--	
	do	do	do	--	--	Sep 1971	1	--	--	--	3.1	--	
	do	do	do	--	--	Sep 1974	3	--	--	--	4.55	--	
	do	do	do	--	--	Sep 1978	4	--	--	--	6.28	--	
	do	do	do	--	--	Sep 1983	5	--	--	--	1.61	--	
70-97b	Kinneloa-West Debris Basin	Kinneloa Cyn	Altadena, CA	.16	.16	Sep 1966	--	--	--	--	--	--	CE
	do	do	do	--	--	Sep 1969	3	--	--	--	30.8	--	
	do	do	do	--	--	Sep 1970	1	--	--	--	19.4	--	

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				SALTON SEA, SOUTHERN CALIFORNIA COASTAL, AND GREAT BASIN DRAINAGE--Continued									
70-97b	Kinneloa-West Debris Basin	Kinneloa Cyn	Altadena, CA	--	--	Sep 1971	1	--	--	--	10.94	--	
	do	do	do	--	--	Sep 1973	2	--	--	--	16.84	--	
	do	do	do	--	--	Sep 1978	5	--	--	--	2.56	--	
	do	do	do	--	--	Sep 1983	5	--	--	--	5.66	--	
70-98b	Little Dalton Debris Basin	Little Dalton	Glendora, CA	3.3	3.3	Feb 1960	--	--	--	--	--	--	CE
	do	do	do	--	--	Sep 1962	2.6	--	--	--	15.91	--	
	do	do	do	--	--	Sep 1969	7	--	--	--	12.76	--	
	do	do	do	--	--	Sep 1974	5	--	--	--	1.71	--	
	do	do	do	--	--	Sep 1980	6	--	--	--	4.64	--	
	do	do	do	--	--	Sep 1982	2	--	--	--	.77	--	
	do	do	do	--	--	Sep 1983	1	--	--	--	1.45	--	
70-99b	Morgan	Morgan Cyn	Glendora, CA	.6	.6	Sep 1964	--	--	--	--	--	--	CE
	do	do	do	--	--	Sep 1969	5	--	--	--	2.81	--	
	do	do	do	--	--	Sep 1981	12	--	--	--	2.69	--	
70-100a	San Antonio F.C. Basin	San Antonio Cr	Claremont, CA	26.7	26.7	Aug 1956	--	9,285	--	--	--	--	CE
	do	do	do	--	--	Jul 1969	12.92	7,746	0.75	--	4.43	--	
	do	do	do	--	--	Aug 1978	9.08	7,650	.74	--	--	--	
	do	do	do	--	--	Sep 1980	2.08	7,703	.75	--	--	--	
70-101b	Schoolhouse Debris Basin	Mansfield Ave. Storm Draw	Olive View, CA	.28	.28	Jun 1963	--	--	--	--	--	--	CE
	do	do	do	--	--	Sep 1967	4.33	--	--	--	14.21	--	
	do	do	do	--	--	Sep 1971	4	--	--	--	.89	--	
	do	do	do	--	--	Sep 1979	8	--	--	--	1.16	--	
70-102b	Sunset Debris Basin (Lower)	Sunset Cyn	Glendale, CA	.65	.65	Jan 1964	--	--	--	--	--	--	CE
	do	do	do	--	--	Sep 1965	1.75	--	--	--	20.85	--	

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				SALTON SEA, SOUTHERN CALIFORNIA COASTAL, AND GREAT BASIN DRAINAGE--Continued									
70-102b	Sunset Debris Basin (Lower)	Sunset Cyn	Glendale, CA	--	--	Sep 1978	13	--	--	--	3.62	--	
	do	do	do	--	--	Sep 1982	4	--	--	--	10.85	--	
70-103b	Santa Anita Debris Basin	Santa Anita Cr	Arcadia, CA	1.70	1.70	Dec 1959	--	--	--	--	--	--	CE
	do	do	do	--	--	Sep 1962	2.8	--	--	--	19.1	--	
	do	do	do	--	--	Sep 1968	6	--	--	--	10.52	--	
	do	do	do	--	--	Sep 1970	2	--	--	--	29.75	--	
	do	do	do	--	--	Sep 1975	5	--	--	--	5.72	--	
	do	do	do	--	--	Sep 1981	6	--	--	--	5.19	--	
	do	do	do	--	--	Sep 1982	1	--	--	--	3.02	--	
70-104b	Wilson Debris Basin	Wilson Cyn	Olive View, CA	2.58	2.58	Jun 1963	--	--	--	--	--	--	CE
	do	do	do	--	--	Sep 1967	4.2	--	--	--	5.23	--	
	do	do	do	--	--	Sep 1972	5	--	--	--	.50	--	
	do	do	do	--	--	Sep 1976	4	--	--	--	.04	--	
	do	do	do	--	--	Sep 1983	7	--	--	--	1.21	--	
70-105b	Wildwood Debris Basin	Wildwood Cr	Newhall, CA	.65	.65	Sep 1967	--	--	--	--	--	--	CE
	do	do	do	--	--	Sep 1969	2	--	--	--	8.62	--	
	do	do	do	--	--	Sep 1973	4	--	--	--	2.43	--	
	do	do	do	--	--	Sep 1976	3	--	--	--	.54	--	
	do	do	do	--	--	Sep 1980	4	--	--	--	7.25	--	
	do	do	do	--	--	Sep 1983	3	--	--	--	2.23	--	
70-110b	Big Dalton Debris Basin	Big Dalton Wash	Glendora, CA	2.9	2.9	Feb 1960	--	--	--	--	--	--	CE
	do	do	do	--	--	Sep 1962	2.67	--	--	--	14.1	--	
	do	do	do	--	--	Sep 1969	7	--	--	--	12.81	--	
	do	do	do	--	--	Sep 1979	10	--	--	--	2.38	--	
	do	do	do	--	--	Sep 1980	1	--	--	--	21.74	--	

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				SALTON SEA, SOUTHERN CALIFORNIA COASTAL, AND GREAT BASIN DRAINAGE--Continued									
70-112b	Brace Debris Basin	Brace Cyn	Burbank, CA	0.29	0.29	Feb 1971	--	--	--	--	--	--	CE
	do	do	do	--	--	Sep 1975	4	--	--	--	1.71	--	
	do	do	do	--	--	Sep 1978	3	--	--	--	8.84	--	
	do	do	do	--	--	Sep 1981	3	--	--	--	10.54	--	
	do	do	do	--	--	Sep 1982	1	--	--	--	4.28	--	
	do	do	do	--	--	Sep 1983	1	--	--	--	7.48	--	
70-113b	Limekiln Debris Basin	Limekiln Cyn Wash	Grenada Hills, CA	3.69	3.69	-- 1963	--	--	--	--	--	--	CE
	do	do	do	--	--	Sep 1968	5	--	--	--	2.35	--	
	do	do	do	--	--	Sep 1970	2	--	--	--	3.07	--	
	do	do	do	--	--	Sep 1974	4	--	--	--	2.02	--	
	do	do	do	--	--	Sep 1977	3	--	--	--	.43	--	
	do	do	do	--	--	Sep 1981	4	--	--	--	2.99	--	
	do	do	do	--	--	Sep 1983	2	--	--	--	2.81	--	
70-118a	Aliso Debris Basin	Aliso Cyn	Grenada Hills, CA	2.77	2.77	Sep 1971	1.25	--	--	--	1.52	--	CE
	do	do	do	--	--	Sep 1975	4	--	--	--	1.7	--	
	do	do	do	--	--	Sep 1978	3	--	--	--	2.09	--	
	do	do	do	--	--	Sep 1980	2	--	--	--	2.92	--	
	do	do	do	--	--	Sep 1983	3	--	--	--	2.71	--	
70-120a	Cloud Cr Debris Basin	Cloud	La Crescenta, CA	.02	.02	Sep 1977	5	--	--	--	4.3	--	CE
	do	do	do	--	--	Sep 1981	4	--	--	--	16.25	--	
70-122a	Golf Club Drive Debris Basin	Sycamore Cyn	Glendale, CA	.32	.32	Sep 1976	6	--	--	--	1.26	--	CE
	do	do	do	--	--	Sep 1977	1	--	--	--	6.0	--	
	do	do	do	--	--	Sep 1980	3	--	--	--	12.52	--	

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				SALTON SEA, SOUTHERN CALIFORNIA COASTAL, AND GREAT BASIN DRAINAGE--Continued									
70-128a	Sullivan Debris Basin	Sullivan Cyn	Pacific Palisades, CA	2.38	2.38	Sep 1976	6	--	--	--	0.58	--	CE
	do	do	do	--	--	Sep 1979	3	--	--	--	2.03	--	
70-129	Afton Debris Basin	No Name	Pasadena, CA	.06	.06	Sep 1975	1	4.46	--	--	8.33	--	CE
	do	do	do	--	--	Oct 1977	2.08	4.46	--	--	.0	0	
	do	do	do	--	--	Jan 1979	1.25	4.34	--	--	1.6	--	
70-130	Cassara Debris Basin	Cassara Cyn	Tujunga Valley, CA	.21	.21	Sep 1983	7	--	--	--	10.03	--	CE
70-131	Chamberlain Debris Basin	No Name	Pasadena, CA	.04	.04	Sep 1975	1	4.83	--	--	4.75	--	CE
	do	do	do	--	--	Oct 1977	2.08	4.83	--	--	.0	0	
	do	do	do	--	--	Jan 1979	1.25	4.77	--	--	2.4	--	
70-132	Denivelle Debris Basin	No Name	Tujunga, CA	.18	.17	Oct 1977	1	5.70	--	--	--	--	CE
	do	do	do	--	--	Jun 1979	1.25	5.76	--	--	8.59	--	
	do	do	do	--	--	Nov 1979	.83	5.76	--	--	.0	0	
	do	do	do	--	--	Nov 1980	1	4.52	--	--	8.41	--	
	do	do	do	--	--	Nov 1982	2	4.52	--	--	.0	0	
	do	do	do	--	--	Nov 1983	1	4.03	--	--	3.29	--	
70-133	Dry Cyn S Fk Debris Basin	No Name	Woodland Hills, CA	.49	.49	Nov 1979	1.08	5.95	--	--	--	--	CE
	do	do	do	--	--	Nov 1980	1	4.90	--	--	6.71	--	
	do	do	do	--	--	Nov 1981	1	4.15	--	--	.0	0	
	do	do	do	--	--	Nov 1982	1	4.15	--	--	.76	--	
	do	do	do	--	--	Nov 1983	1	4.52	--	--	.12	--	

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				SALTON SEA, SOUTHERN CALIFORNIA COASTAL, AND GREAT BASIN DRAINAGE--Continued									
70-134	Fieldbrook Debris Basin	No Name	Rowland Heights, CA	0.35	0.35	Oct 1977	3	2.29	--	--	--	--	CE
	do	do	do	--	--	Jan 1979	1.25	1.98	--	--	0.71	--	
	do	do	do	--	--	Nov 1979	.83	1.92	--	--	.21	--	
	do	do	do	--	--	Nov 1980	1	1.49	--	--	.54	--	
	do	do	do	--	--	Nov 1982	2	1.98	--	--	.0	0	
	do	do	do	--	--	Nov 1983	1	1.67	--	--	.89	--	
70-135	Hillcrest Debris Basin	Hillcrest Cyn	Glendale, CA	.35	.35	Sep 1983	21	--	--	--	3.75	--	CE
70-136	Inverness Debris Basin	No Name	Pasadena, CA	.03	.03	Nov 1983	1.08	1.08	--	--	17.28	--	CE
70-137	Monument Cyn Debris Basin	No Name	Diamond Bar, CA	.11	.11	Nov 1982	1.08	3.53	--	--	13.55	--	CE
	do	do	do	--	--	Nov 1983	1	5.21	--	--	1.09	--	
	do	do	do	--	--	Aug 1984	.75	4.15	--	--	.73	--	
70-138	Mullally Debris Basin	Mullally Cyn	La Crescenta, CA	.34	.34	Sep 1983	9	--	--	--	10.43	--	CE
70-139	Sunset Cyn Deer Debris Basin	No Name	Burbank, CA	.2	.2	Nov 1983	1.08	3.84	--	--	9.17	--	CE
	do	do	do	--	--	Aug 1984	.75	3.97	--	--	2.07	--	
				SAN JOAQUIN AND KERN RIVER BASINS, AND MIDDLE COASTAL DRAINAGE									
71-48	Mustang	Mustang Cr	Turlock, CA	11.5	11.5	Dec 1974	--	873	1.4	--	--	--	SCS
	do	do	do	--	--	Jul 1982	7.6	825	1.3	114	.6	1,360	
71-49	Loch Lomond	Newell Cr	Zayante, CA	8.2	7.9	-- 1960	--	8,600	--	--	--	--	GS
	do	do	do	--	--	Sep 1971	10	8,554	--	57	.59	--	
	do	do	do	--	--	Aug 1982	11	8,824	--	--	--	--	

SUMMARY OF
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES

Data-sheet number	Reservoir	Stream	Nearest town	Drainage area (square miles) Total	Drainage area (square miles) Net	Date of survey	Period between surveys (years)	Storage capacity (acre-feet)	Capacity average annual inflow ratio (acre-feet per acre-feet)	Specific weight (dry) (pounds per cubic feet)	Average annual sediment accumulation per square mile of net drainage area for period shown: Acre-feet	Average annual sediment accumulation per square mile of net drainage area for period shown: Tons	Agency supplying data
				SAN JOAQUIN AND KERN RIVER BASINS, AND MIDDLE COASTAL DRAINAGE--Continued									
71-50	Annette Jo Debris Basin	No Name	Saugus, CA	0.08	0.08	Sep 1978	1	--	--	--	0.75	--	CE
	do	do	do	--	--	Nov 1982	4.08	0.12	--	--	.0	0	
	do	do	do	--	--	Nov 1983	1	.12	--	--	1.5	--	
71-51	Flowerpark Debris Basin	No Name	Canyon County, CA	.08	.07	Nov 1982	10.17	.68	--	--	.36	--	CE
	do	do	do	--	--	Nov 1983	1	.93	--	--	8.0	--	
71-52	Jasmine Debris Basin	No Name	Pinetree, CA	.1	.1	Nov 1982	6.17	2.48	--	--	1.51	--	CE
	do	do	do	--	--	Nov 1983	1	3.22	--	--	6.2	--	
71-53	Nadal Debris Basin	No Name	Canyon County, CA	.08	.08	Oct 1980	1	--	--	--	3.13	--	CE
	do	do	do	--	--	Nov 1982	2.08	.56	--	--	.25	--	
71-54	Rye Debris Basin	No Name	Valencia, CA	1.11	1.11	Nov 1982	1.08	4.96	--	--	5.17	--	
	do	do	do	--	--	Nov 1983	1	10.23	--	--	2.27	--	
71-55	Snow Drop Debris Basin	No Name	Pinetree, CA	.14	.08	Oct 1980	1	--	--	--	7.75	--	CE
	do	do	do	--	--	Nov 1982	2.08	1.86	--	--	.36	--	
	do	do	do	--	--	Nov 1983	1	2.6	--	--	4.63	--	
				SACRAMENTO, EEL, AND RUSSIAN RIVER BASINS, AND UPPER CALIFORNIA COASTAL DRAINAGE									
72-34b	Matanzas	Matanzas Cr	Santa Rosa, CA	11.6	11.5	Jun 1964	--	1,500	0.12	--	--	--	SCS
	do	do	do	--	--	Mar 1972	7.8	1,411	.11	90	1.0	1,960	
	do	do	do	--	--	Aug 1982	10.4	1,324	.11	90	.7	1,423	

SUMMARY OF
RESERVOIR SEDIMENTATION SURVEYS MADE IN THE UNITED STATES

Data-sheet number	Reservoir	Stream	Nearest town	Drainage area (square miles) Total	Drainage area (square miles) Net	Date of survey	Period between surveys (years)	Storage capacity (acre-feet)	Capacity average annual inflow ratio (acre-feet per acre-feet)	Specific weight (dry) (pounds per cubic feet)	Average annual sediment accumulation per square mile of net drainage area for period shown: Acre-feet	Average annual sediment accumulation per square mile of net drainage area for period shown: Tons	Agency supplying data
				KLAMATH, ROGUE, AND UMPQUA RIVER BASINS									
73-7a	Cooper Cr Res.	Cooper Cr	Sutherlin, OR	4.4	4.2	Apr 1971	--	3,900	0.83	--	--	--	SCS
	do	do	do	--	--	Feb 1977	5.8	3,880	.83	[a]80	0.82	1437	
				COLUMBIA RIVER (GRAND COULEE TO UMATILLA) AND PACIFIC COAST DRAINAGE IN WASHINGTON Yakima, Chelan, and Okanogan River Basins									
75-25	Warrell Pond #1	Trib. Cowiche	Yakima, WA	.072	.072	-- 1944	--	--	--	--	--	--	SCS
	do	do	do	--	--	May 1976	32	--	--	60	.01	13	
	do	do	do	--	--	Jun 1978	2	--	--	60	.04	52	
	do	do	do	--	--	May 1979	1	--	--	60	.01	7	
	do	do	do	--	--	Jun 1981	2	--	--	50	.08	48	
75-26	Warrell Pond #2	Trib. Cowiche	Yakima, WA	.15	.15	-- 1944	--	--	--	--	--	--	SCS
	do	do	do	--	--	May 1976	32	--	--	60	.02	21	
	do	do	do	--	--	Jun 1978	2	--	--	60	.03	39	
	do	do	do	--	--	May 1979	1	--	--	60	.01	17	
	do	do	do	--	--	Jun 1981	2	--	--	50	.12	62	
75-27	Howard A. Hanson	Green R	Palmer, WA	221	218	Sep 1961	--	105,650	--	--	--	--	CE
	do	do	do	--	--	Sep 1979	18	104,500	.137	100	.29	627	
				SNAKE RIVER (ABOVE KING HILL) AND UPPER SALMON RIVER BASINS									
79-11	Magic	Big Wood R	West Magic, ID	1,628	1,622	-- 1909	--	191,500	.51	--	--	--	SCS
	do	do	do	--	--	Sep 1986	76	170,463	.46	--	.2	--	
79-12	Hawkins	Hawkins Cr	Virginia, ID	26.10	26.02	-- 1900	--	880	.8	--	--	--	SCS
	do	do	do	--	--	Sep 1986	86	419	.4	47	.2	215	

[a]Gain in capacity due to sediment sluiced from dam.
[b]Sediment pool only.

RESERVOIR SEDIMENT DATA SUMMARY

CONCHAS RESERVOIR
NAME OF RESERVOIR

47-1b
DATA SHEET NO.

DAM

1 OWNER Corps of Engineers	2. STREAM Canadian and Conchas	3 STATE New Mexico
4. SEC. 33 TWP. 14N RANGE 26E	5. NEAREST P O Conchas Dam	6. COUNTY San Miguel
7 LAT 35° 24′ 10″ LONG 104° 11′ 25″	8. TOP OF DAM ELEVATION 4240	9. SPILLWAY CREST ELEV. 4201 1/

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					16. DATE NORMAL OPER BEGAN
d. WATER SUPPLY					
e. IRRIGATION					Jan. 1939
f. CONSERVATION	4,201	10,073	296,412	399,278	
g. INACTIVE	4,155	3,520	102,866	102,866	

WATERSHED

17. LENGTH OF RESERVOIR Canadian 23 2/ MILES		AV. WIDTH OF RESERVOIR 4200 Contour 0.75	MILES
18. TOTAL DRAINAGE AREA 7,409 SQ MI		22. MEAN ANNUAL PRECIPITATION 15.2 3/	INCHES
19. NET SEDIMENT CONTRIBUTING AREA 6,978 SQ. MI		23. MEAN ANNUAL RUNOFF 0.4864 4/ (65.6)	INCHES
20 LENGTH 100 MILES	AV. WIDTH 73 MILES	24 MEAN ANNUAL RUNOFF 192,200 (65.6)	AC. F T.
21. MAX. ELEV. 13,000	MIN ELEV. 4,074	25 ANNUAL TEMP MEAN 49° RANGE 20-75 3/	

SURVEY DATA

26. DATE OF SURVEY 5/	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 5/	34 PERIOD ANNUAL PRECIPITATION	35 PERIOD WATER INFLOW, ACRE-FEET			36. WATER INFL. TO DATE, AC.-FT.	
		a MEAN ANNUAL	b. MAX ANNUAL	c PERIOD TOTAL	a MEAN ANNUAL	b. TOTAL TO DATE
	Inches					
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	2,339,310
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 5/	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			1,400	1,000	0.143
June 1942	14,600	6,952	0.996	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	21,846	3,157	.453	72,161	2,273	.326

26 DATE OF SURVEY 5/	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

Figure 2.--Example of a completed form for reporting reservoir sediment data.

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	18	18		
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 6/	114	23	3	-26	-16	2				S. Canadian Arm					
	30	22	7	10	18	13				Conchas Arm					
June 1942	6	3	4	4	22	14	27	18	2	S. Canadian Arm					
	20	21	-12	12	13	27	5	14		Conchas Arm					
Nov. 1942	6	2	5	8	16	16	29	16	2	S. Canadian Arm					
	-1	0	1	2	19	57	5	14	3	Conchas Arm					

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	4,195.83	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	1982	4,201.13	4,193.02	119,280
1951	4,194.68	4,184.24	106,770	1963	4,193.01	4,176.16	78,510
1952	4,184.15	4,168.23	125,930	1964	4,178.58	4,158.05	31,060
1953	4,176.16	4,182.07	107,950	1965	4,201.83	4,157.81	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	18,380	709,119	4,180	6,513	173,912	4,110	311	1,299
4,220	14,110	558,724	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	426,868	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

49. AGENCY SUPPLYING DATA Corps of Engineers

50. DATE May 1970

RESERVOIR SEDIMENT
DATA SUMMARY

NAME OF RESERVOIR

DATA SHEET NO.

DAM

1. OWNER	2. STREAM	3. STATE
4. SEC. TWP. RANGE	5. NEAREST TOWN	6. COUNTY
7. STREAM BED ELEVATION	8. TOP OF DAM ELEVATION	9. SPILLWAY CREST ELEV.

RESERVOIR

10. STORAGE ALLOCATION	11. ELEVATION TOP OF POOL	12. ORIGINAL SURFACE AREA ACRES	13. ORIGINAL CAPACITY ACRE-FEET	14. GROSS STORAGE ACRE-FEET	15. DATE STORAGE BEGAN
a. MULTIPLE USE					
b. FLOOD CONTROL					
c. POWER					
d. WATER SUPPLY					16. DATE NORMAL OPER. BEGAN
e. IRRIGATION					
f. CONSERVATION					
g. SEDIMENT					
h. INACTIVE					

17. LENGTH OF RESERVOIR MILES	AV. WIDTH OF RESERVOIR MILES

WATERSHED

18. TOTAL DRAINAGE AREA SQ. MI.	22. MEAN ANNUAL PRECIPITATION INCHES
19. NET SEDIMENT CONTRIBUTING AREA SQ. MI.	23. MEAN ANNUAL RUNOFF INCHES
20. LENGTH MILES / AV. WIDTH MILES	24. MEAN ANNUAL RUNOFF AC.-F T.
21. MAX. ELEV. / MIN. ELEV.	25. CLIMATIC CLASSIFICATION

SURVEY DATA

26. DATE OF SURVEY	27. PERIOD YEARS	28. ACCL. YEARS	29. TYPE OF SURVEY	30. NO. OF RANGES OR CONTOUR INT.	31. SURFACE AREA ACRES	32. CAPACITY ACRE-FEET	33. C/W RATIO AC.-FT. PER SQ. MI.

26. DATE OF SURVEY	34. PERIOD ANNUAL PRECIPITATION	35. PERIOD WATER INFLOW ACRE-FEET			36. WATER INFL. TO DATE AC.-FT.	
		a. MEAN ANNUAL	b. MAX. ANNUAL	c. PERIOD TOTAL	a. MEAN ANNUAL	b. TOTAL TO DATE

26. DATE OF SURVEY	37. PERIOD SEDIMENT DEPOSITS ACRE-FEET			38. TOTAL SED. DEPOSITS TO DATE ACRE-FEET.		
	a. PERIOD TOTAL	b. AV. ANNUAL	c. PER SQ. MI.-YEAR	a. TOTAL TO DATE	b. AV. ANNUAL	c. PER SQ. MI.-YEAR

26. DATE OF SURVEY	39. AV. DRY WGT. LBS. PER CU. FT.	40. SED. DEP. TONS PER SQ. MI.-YR.		41. STORAGE LOSS PCT.		42. SED. INFLOW PPM	
		a. PERIOD	b. TOTAL TO DATE	a. AV. AN.	b. TOT. TO DATE	a. PERIOD	b. TOT. TO DATE

Figure 3.--Blank form for reporting reservoir sediment data (to be torn out).

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

26. DATE OF SURVEY	44. REACH DESIGNATION PERCENT OF TOTAL ORIGINAL LENGTH OF RESERVOIR													
	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	-105	-110	-115	-120	-125
	PERCENT OF TOTAL SEDIMENT LOCATED WITHIN REACH DESIGNATION														

45. RANGE IN RESERVOIR OPERATION

WATER YEAR	MAX. ELEV.	MIN. ELEV.	INFLOW AC.-FT.	WATER YEAR	MAX. ELEV.	MIN. ELEV.	INFLOW AC.-FT.

46. ELEVATION–AREA–CAPACITY DATA

ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY

47. REMARKS AND REFERENCES

48. AGENCY MAKING SURVEY

49. AGENCY SUPPLYING DATA

50. DATE_____

*USGPO: 1992-750-232/80004