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**DAMS WITHIN JURISDICTION
OF THE
STATE OF ARIZONA**

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MAY 1975

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DAMS WITHIN JURISDICTION OF THE STATE
OF ARIZONA

MAY 1975

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Supervision of Safety of Dams

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The report prepared by

Dan R. Lawrence Civil Engineer II

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INTRODUCTION

The State Legislature enacted legislation in 1929 designed to provide the general public with protection from loss of or property through malfunction or failure of a dam. The responsibility for administering the new law was delegated to the State Highway Engineer. All dams within the state that were 15 feet or more in height from ground level to the spillway crest, or that impounded more than 10 acre-feet of water, were placed under jurisdiction. Dams and reservoirs constructed or used exclusively for watering livestock were exempt.

On April 13, 1971, the Arizona Water Commission was established and the responsibility for the supervision of dams program was transferred from the Highway Department to the Water Commission. Statutory revisions included with the enabling legislation placed all non-Federal dams in the state under jurisdiction of the State Water Engineer.

The Arizona Revised Statutes, defining the program, were recently revised by Senate Bill 1271, which became effective on August 8, 1973. Among the significant changes provided in the new legislation was an increase in the minimum size of jurisdictional dams to include only those dams 25 feet or more in height or which have a storage capacity of 50 or more acre-feet, as shown on page 4. In addition, the provision exempting dams and reservoirs used exclusively for livestock watering was removed.

Provisions of the Statutes are administered by the Office of the State Water Engineer. This office reviews plans and specifications for constructing new dams or alterations or repairs to existing dams and must grant approval in writing before the owner can proceed. Professional engineers from the office evaluate the safety of each project, investigating the competency of proposed sites and checking suitability of available construction materials. During construction, State engineers inspect for compliance with approved plans and specifications and identify conditions which may require design changes. Periodically, dams and reservoirs are examined during their operation to detect unsatisfactory conditions which require remedial action.

In some cases, where Federal funding, lands or regulations are involved, the construction and operation of a dam may be conducted under the supervision of both the State Water Engineer and the applicable Federal agency. In such cases State and Federal supervision will be carried out in such a manner as to minimize delays and to eliminate duplication of work by the owner and the supervising agencies. In all such cases, application for approval of plans and specifications must still be made to the State Engineer.

Because of the widely varying conditions encountered at different dams, reservoirs, and sites, no attempt is made to apply a technical code of specific standard requirements for design, construction and surveillance. The State Engineer's office evaluates the safety of each project on its own merits using sound engineering principles and engineering judgement gained from years of experience in the field of dam technology.

Approval of an application to construct a dam does not grant the right to appropriate water. For information concerning water rights, applicants should refer to the State Water Code as set forth in the Arizona Revised Statutes, Title 45, Chapter I. Administration of the statutes pertaining to water rights is a function of the State Land Department and inquiries should be directed to that agency.

The State Engineer must have issued a license of approval based upon the findings of his staff before water can be impounded behind a new dam or behind an existing dam which has been enlarged, altered, or repaired. The license defines the maximum permanent storage level and any other restrictions necessary to maintain safe operation.

This pamphlet has been prepared for distribution to the public as a public service to the people of Arizona. The State Engineer solicits from users of this bulletin their suggestions for additions or corrections to the data. These should be sent to:

State Water Engineer
Arizona Water Commission
222 North Central Ave., Rm. 800
Phoenix, Arizona 85004

Copies of Procedures and Statutes for Supervision of Dams and Reservoirs will be sent upon request.

EXPLANATION OF TABULATED DATA

Each of the non-Federal dams in the State of Arizona which meet the size requirements for State jurisdiction under the Arizona Revised Statutes are tabulated by county. The data includes the number, name, height, storage capacity, type, owner and location for each dam. The location is depicted graphically on page 5.

- Number -- The two part number assigned by the State Engineer designates the county in which the dam is located and a sequential serial number assigned at the time the application is filed.
- Name -- Assigned by the State Engineer, usually based upon information furnished by the owner at time of application. In some cases the reservoir or lake may have a name different than that of the dam.
- Height -- This is the jurisdictional height defined as the vertical distance in feet from the lowest elevation of the outside limit of the dam at its intersection with the natural ground surface to the spillway crest elevation.
- Capacity- This is the maximum storage in acre feet which can be permanently impounded by the dam when there is no discharge of water.
- Type -- This is the material of which the dam is constructed and the structural style of the dam such as:
- EARTH - Compacted earthfill
 - ERTH-RK - Compacted earth and rockfill
 - ROCKFILL - Rockfill
 - ARCH - Concrete arch
 - GRAVITY - Concrete gravity
 - MUL. ARCH - Concrete multiple arch
 - BUTTRESS - Concrete slab and buttress
 - STEEL - Structural steel
 - MASONRY - Rock masonry
- Owner -- Current owner according to records of the State Water Engineer
- Location- Section, Township and Range based on the Gila and Salt River Base and Meridan

STATE OF ARIZONA
OFFICE OF STATE WATER ENGINEER
SUPERVISION OF SAFETY OF DAMS

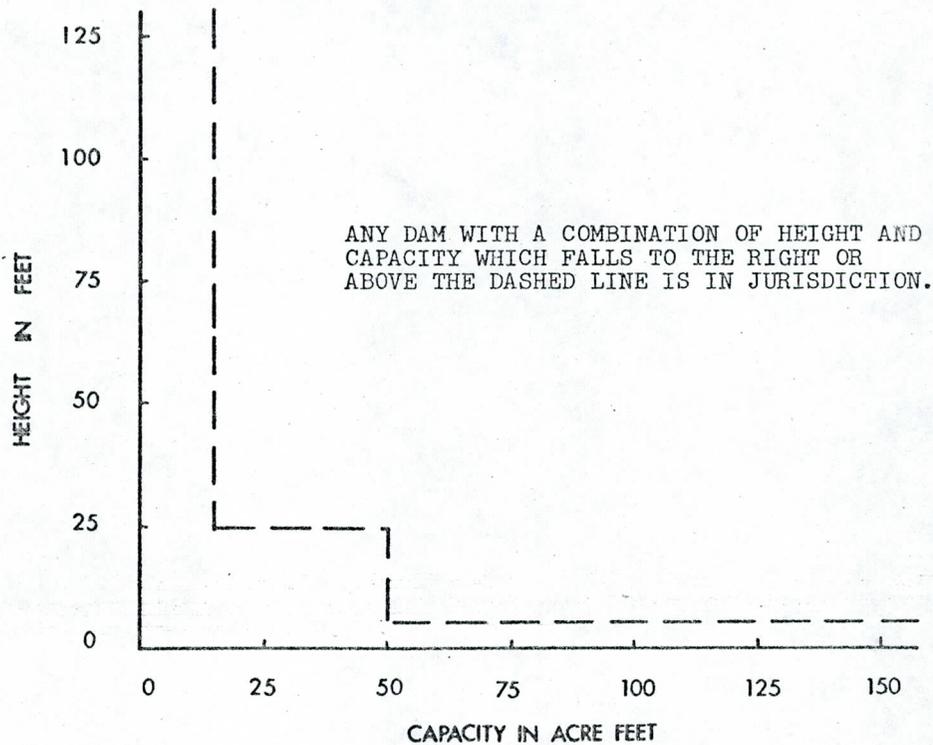
JURISDICTIONAL DAMS - SIZE CRITERIA

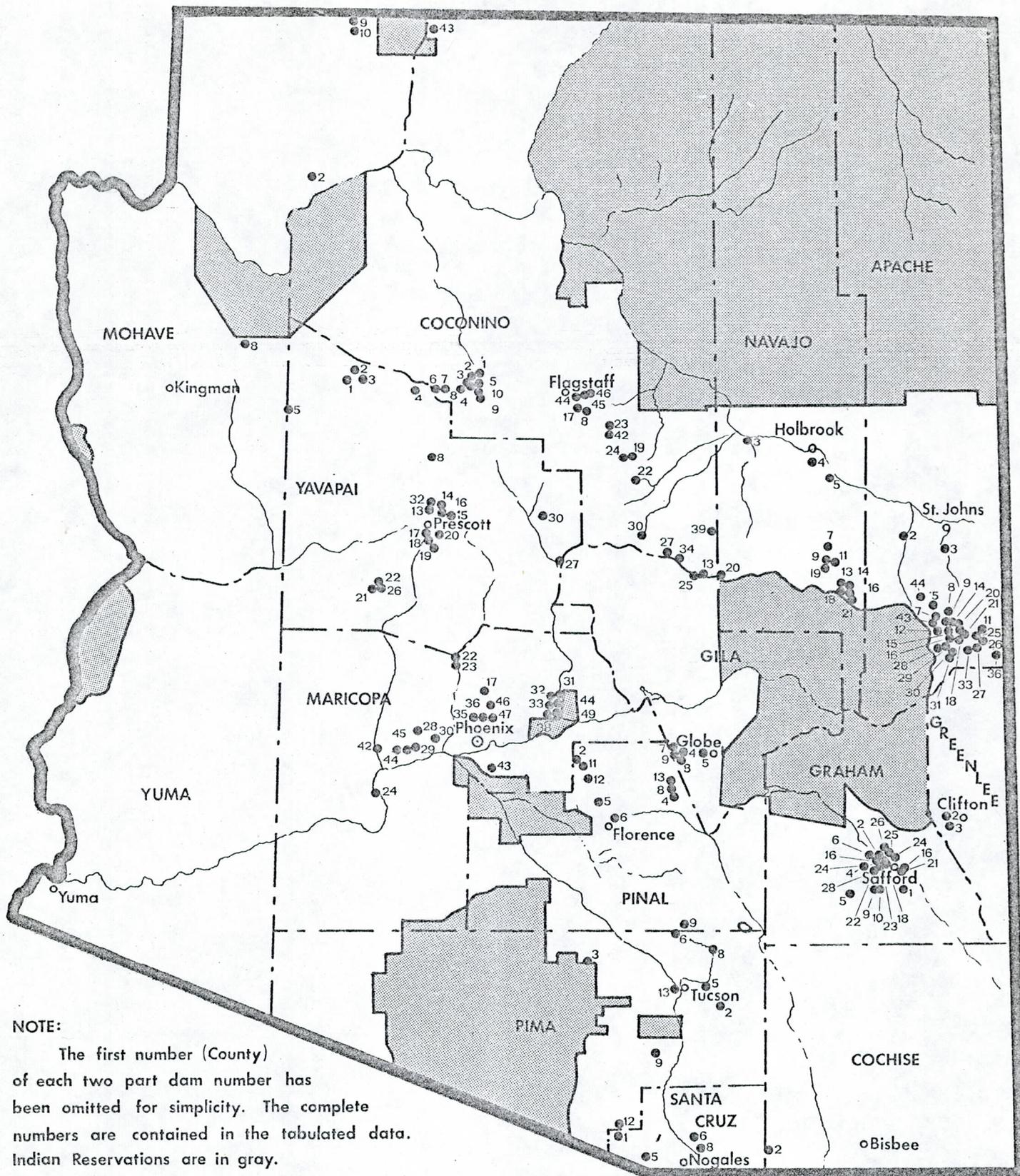
DEFINITIONS

A JURISDICTIONAL DAM is either twenty-five feet or more in height or stores more than fifty acre-feet. If it is less than six feet in height regardless of storage capacity or does not store more than fifteen acre-feet regardless of height, it is not in jurisdiction.

THE HEIGHT is the vertical distance from the lowest elevation of the outside limit of the dam at its intersection with the natural ground surface to the spillway crest elevation.

THE CAPACITY is the maximum storage, in acre feet which can be impounded by the dam when there is no discharge of water.





ARIZONA WATER COMMISSION

General Location Map of Dams Under State Jurisdiction

D A M S W I T H I N J U R I S D I C T I O N

O F T H E

S T A T E O F A R I Z O N A

M A Y 1 9 7 5

APACHE COUNTY						
NUMBER	NAME	HEIGHT-FT.	CAPACITY-AF	TYPE	OWNER	LOCATION
1-2	CONCHO SPRINGS	25.0	918.0	EARTH	CONCHO WATER CO. INC.	SEC.7-T12N,R26E
1-3	LYMAN	80.0	35500.0	ERTH-RK	LYMAN WATER COMPANY	SEC.9-T11N,R28E
1-5	TYLER RESERVOIR	11.0	375.0	EARTH	JAY WILTBANK	SEC.6-T8N,R27E
1-7	NORTON	15.0	566.0	EARTH	J. WILTBANK & V. BUTLER	SEC.29-T8N,R27E
1-8	ET WILTBANK	12.0	205.0	EARTH	JAY WILTBANK	SEC.14-T8N,R27E
1-10	BUNCH	22.0	512.0	EARTH	ROUND VALLEY WATER USERS	SEC.36-T8N,R27E
1-11	NELSON	31.0	831.0	EARTH	ARIZ. GAME AND FISH	SEC.28-T8N,R30E
1-12	WHITE MOUNTAIN	21.0	2390.0	EARTH	ROUND VALLEY WATER USERS	SEC.17-T7N,R27E
1-14	RIVER RESERVOIR #3	55.0	1669.0	ERTH-RK	ROUND VALLEY WATER USERS	SEC.6-T7N,R28E
1-15	HOG WALLOW	8.0	1000.0	EARTH	LYMAN WATER COMPANY	SEC.19-T7N,R28E
1-15	POOL CORRAL	14.0	990.0	EARTH	LYMAN WATER COMPANY	SEC.29-T7N,R28E
1-18	ATCHISON	8.0	205.0	EARTH	H.E. SLADE ET AL	SEC.13-T7N,R28E
1-19	CANYON	21.0	65.0	EARTH	H.E. SLADE ET AL	SEC.13-T7N,R28E
1-20	MEXICAN HAY LAKE	13.0	821.0	EARTH	LYMAN WATER COMPANY.	SEC.2-T7N,R28E
1-21	EAGER-SLADE	24.0	522.0	EARTH	H.E. SLADE ET AL	SEC.18-T7N,R29E
1-25	GLEN COE	14.0	81.0	EARTH	DENNIS SIPE	SEC.1-T7N,R29E
1-25	JARVIS	20.0	120.0	EARTH	M. ROGERS	SEC.20-T7N,R30E
1-27	NUTRISO	10.0	170.0	EARTH	MILFORD HALL	SEC.31-T7N,R30E
1-28	LEE VALLEY	24.0	399.0	EARTH	ARIZ. GAME AND FISH	SEC.4-T6N,R27E
1-29	RIVER #1	24.0	724.0	EARTH	LYMAN WATER COMPANY	SEC.3-T6N,R27E
1-30	CRESCENT LAKE	28.0	600.0	EARTH	ARIZ. GAME AND FISH	SEC.18-T6N,R28E
1-31	BIG LAKE	28.0	9300.0	EARTH	ARIZ. GAME AND FISH	SEC.29-T6N,R28E
1-33	SHARP-WILKINS	15.0	183.0	EARTH	L. ROGERS & C. SPILLMAN	SEC.3-T6N,R29E
1-36	LUNA	35.0	1390.0	EARTH	LUNA IRRIGATION CO.	SEC.16-T5N,R31E
1-43	SHEEP SPRINGS	30.0	93.0	EARTH	ARIZ. HIGHWAY DEPT.	SEC.31-T8N,R27E
1-44	SCOUT	32.0	59.0	EARTH	T. ROOSEVELT COUNCIL,BSA	SEC.4-T9N,R26E

COCHISE COUNTY						
NUMBER	NAME	HEIGHT-FT.	CAPACITY-AF	TYPE	OWNER	LOCATION
2-2	PARKER CANYON	89.0	3710.0	EARTH	ARIZ. GAME AND FISH	SEC.18-T23S,R19E

COCONINO COUNTY						
NUMBER	NAME	HEIGHT-FT.	CAPACITY-AF	TYPE	OWNER	LOCATION
3-1	KAIBAB	44.0	890.0	ERTH-RK	CITY OF WILLIAMS	SEC.15-T22N,R2E
3-2	WEST CATARACT CREEK	51.0	415.0	EARTH	CITY OF WILLIAMS	SEC.30-T22N,R2E
3-3	PERRIN	37.0	15.0	ERTH-RK	CITY OF WILLIAMS	SEC.33-T22N,R2E
3-4	RAILROAD	50.0	215.0	MASONRY	CITY OF WILLIAMS	SEC.33-T22N,R2E
3-5	CONCRETE	39.0	52.0	BUTTARCH	CITY OF WILLIAMS	SEC.33-T22N,R2E
3-6	STEEL DAM #1	30.0	97.0	STEEL	A.T. & S.F. RAILWAY CO.	SEC.5-T21N,R1W
3-7	MASONRY DAM #2	47.0	247.0	MASONRY	A.T. & S.F. RAILWAY CO.	SEC.4-T21N,R1W
3-8	MCCLELLAN	27.0	60.0	GRAVITY	A.T. & S.F. RAILWAY CO.	SEC.4-T21N,R1E
3-9	TOWN OF WILLIAMS	48.0	111.0	EARTH	CITY OF WILLIAMS	SEC.4-T21N,R2E
3-10	DOGTOWN WASH	38.0	1209.0	EARTH	CITY OF WILLIAMS	SEC.12-T21N,R2E
3-13	WILLOW SPRINGS	88.0	3654.0	ERTH-RK	ARIZ. GAME AND FISH	SEC.29-T11N,R14E
3-17	LOWER LAKE MARY	45.0	8600.0	EARTH	CITY OF FLAGSTAFF	SEC.17-T20N,R8E
3-18	UPPER LAKE MARY	32.0	16576.0	EARTH	CITY OF FLAGSTAFF	SEC.27-T20N,R8E
3-19	MORTON	12.0	285.0	EARTH	LYNN H. MORTON	SEC.36-T18N,R10E
3-22	HAY LAKE	24.0	1750.0	EARTH	BAR-T-BAR RANCH	SEC.19-T16N,R11E
3-23	COCONINO	36.0	255.0	EARTH	ARIZ. GAME AND FISH	SEC.25-T19N,R9E
3-24	KINNIKINICK	18.0	2820.0	EARTH	ARIZ. GAME AND FISH	SEC.35-T18N,R10E
3-25	WOODS CANYON	56.0	1014.0	EARTH	ARIZ. GAME AND FISH	SEC.13-T11N,R13E
3-27	KNOLL	64.0	1550.0	EARTH	ARIZ. GAME AND FISH	SEC.16-T12N,R12E
3-30	BLUE RIDGE	167.0	15000.0	ARCH	PHELPS DODGE CORP.	SEC.33-T14N,R11E
3-34	BEAR CANYON	57.0	1430.0	EARTH	ARIZ. GAME AND FISH	SEC.29-T12N,R13E
3-39	CHEVELON CANYON	100.0	7333.0	EARTH	ARIZ. GAME AND FISH	SEC.14-T13N,R14E
3-42	ASHURST LAKE	36.0	3924.0	EARTH	ARIZ. GAME AND FISH	SEC.25-T19N,R9E
3-43	FREDONIA	30.0	1136.0	EARTH	TOWN OF FREDONIA	SEC.8-T41N,R2W
3-44	CONTINENTAL DAM #1	34.0	62.0	EARTH	CONTINENTAL COUNTRY CLUB	SEC.18-T21N,R8E
3-45	CONTINENTAL DAM #2	45.0	565.0	EARTH	CONTINENTAL COUNTRY CLUB	SEC.19-T21N,R8E
3-46	CONTINENTAL DAM #3	39.0	195.0	EARTH	CONTINENTAL COUNTRY CLUB	SEC.19-T21N,R8E

GILA COUNTY						
NUMBER	NAME	HEIGHT-FT.	CAPACITY-AF	TYPE	OWNER	LOCATION
4-2	COTTONWOOD WASH	90.0	738.0	EARTH	CITIES SERVICE CO.	SEC.31-T1N,R14E
4-3	TIN HORN TAILINGS	80.0	195.0	EARTH	CITIES SERVICE CO.	SEC.9-T1N,R15E
4-7	UPPER GOOSE NORTH TAILINGS	75.0	92.0	EARTH	CITIES SERVICE CO.	SEC.24-T1N,R13E
4-8	UPPER GOOSE SOUTH TAILINGS	63.0	71.0	EARTH	CITIES SERVICE CO.	SEC.25-T1N,R13E
4-9	LOWER GOOSE TAILINGS	63.0	116.0	EARTH	CITIES SERVICE CO.	SEC.24-T1N,R13E

GRAHAM COUNTY						
NUMBER	NAME	HEIGHT-FT.	CAPACITY-AF	TYPE	OWNER	LOCATION
5-2	ROGERS RESERVOIR	15.0	412.0	ROCKFILL	DEAN E. ROGERS	SEC.25-T6S,R24E
5-4	CLUFF RANCH #3	15.0	140.0	EARTH	ARIZ. GAME AND FISH	SEC.23-T7S,R24E
5-5	RIGGS FLAT	43.0	123.0	EARTH	ARIZ. GAME AND FISH	SEC.26-T8S,R23E
5-6	CENTRAL DETENTION	27.0	539.0	EARTH	UNION CANAL CO.	SEC.4-T7S,R25E
5-7	FRYE CREEK	95.0	135.0	ARCH	CITY OF SAFFORD	SEC.7-T8S,R25E
5-8	RIGGS RESERVOIR	30.0	35.0	EARTH	SAFFORD MUNICIPAL UTIL.	SEC.34-T7S,R25E
5-9	LEBANON RESERVOIR #2	28.0	145.0	EARTH	LEBANON IRR. AND DITCH CO.	SEC.13-T8S,R25E
5-10	LEBANON RESERVOIR #1	37.0	96.0	EARTH	LEBANON IRR. AND DITCH CO.	SEC.14-T8S,R25E
5-12	STOCKTON PASS WASH	12.0	120.0	EARTH	ROSTEL MACK	SEC.10-T8S,R26E
5-14	JUDY WASH RETARDING	32.0	159.0	EARTH	SAN JOSE CANAL CO.	SEC.20-T7S,R27E
5-16	GRAVEYARD WASH RET. #3	35.0	1270.0	EARTH	GRAHAM COUNTY	SEC.30-T7S,R26E
5-17	FREEMAN WASH RET. #2	29.0	400.0	EARTH	GRAHAM COUNTY	SEC.24-T7S,R25E
5-18	STOCKTON WASH RET.	38.0	6704.0	EARTH	GRAHAM COUNTY	SEC.28-T7S,R26E
5-19	FRYE CREEK RET. #3	36.0	1435.0	EARTH	GRAHAM COUNTY	SEC.14-T7S,R25E
5-21	ROPER	21.0	313.0	EARTH	ARIZ. GAME AND FISH	SEC.8-T8S,R26E
5-22	SAVAGE	37.0	141.0	EARTH	SAFFORD MUNICIPAL UTIL.	SEC.27-T7S,R25E
5-23	HARALSON	32.0	68.0	EARTH	SAFFORD MUNICIPAL UTIL.	SEC.34-T7S,R25E
5-24	GRANT MORRIS	35.0	141.0	EARTH	GRAHAM-CURTIS CANAL CO.	SEC.25-T6S,R25E
5-25	HOWARD	34.0	121.0	EARTH	GRAHAM-CURTIS CANAL CO.	SEC.23-T6S,R25E
5-26	CHESLEY-WAMSLEE	37.5	1240.0	EARTH	GRAHAM-CURTIS CANAL CO.	SEC.16-T6S,R25E

GREENLEE COUNTY						
NUMBER	NAME	HEIGHT-FT.	CAPACITY-AF	TYPE	OWNER	LOCATION
6-2	SILVER BASIN	147.0	5200.0	EARTH	PHELPS DODGE CORP.	SEC.33-T4S,R29E
6-3	RECLAIM	50.0	15.0	EARTH	PHELPS DODGE CORP.	SEC.11-T5S,R29E

MARICOPA COUNTY						
NUMBER	NAME	HEIGHT-FT.	CAPACITY-AF	TYPE	OWNER	LOCATION
7-17	CAVE CREEK	53.0	11000.0	MUL.ARCH	MARICOPA CO. FLOOD C. D.	SEC.4-T4N,R3E
7-22	WADDELL	171.0	134000.0	MUL.ARCH	MARICOPA CO. M.W.C.D. #1	SEC.21-T6N,R1E
7-23	CAMP DYER DIVERSION	49.0	1360.0	GRAVITY	MARICOPA CO. M.W.C.D. #1	SEC.28-T6N,R1E
7-24	GILLESPIE	21.0	160000.0	MUL.ARCH	PAINTED ROCK DEV. CO.	SEC.28-T2S,R5W
7-28	WHITE TANK #3	30.0	2400.0	EARTH	MARICOPA CO. M.W.C.D. #1	SEC.8-T2N,R2W
7-29	WHITE TANK #4	20.0	800.0	EARTH	MARICOPA CO. M.W.C.D. #1	SEC.6-T1N,R2W
7-30	LITCHFIELD PARK	12.0	150.0	EARTH	LITCHFIELD PARK PROP.	SEC.15-T2N,R1W
7-31	FOUNTAIN HILLS	35.0	308.0	EARTH	MCCULLOCH PROPERTIES INC.	SEC.14-T3N,R6E
7-32	FOUNTAIN HILLS #7	48.0	110.0	EARTH	MCCULLOCH PROPERTIES INC.	SEC.17-T3N,R6E
7-33	FOUNTAIN HILLS #4	31.0	150.0	EARTH	MCCULLOCH PROPERTIES INC.	SEC.10-T3N,R6E
7-35	WEST PARK	34.0	109.0	EARTH	CITY OF PHOENIX	SEC.20-T3N,R3E
7-35	EAST PARK	31.0	21.0	EARTH	CITY OF PHOENIX	SEC.29-T3N,R3E
7-33	FOUNTAIN HILLS #36	42.0	284.0	EARTH	MCCULLOCH PROPERTIES INC.	SEC.4-T3N,R6E
7-39	FOUNTAIN HILLS #6	33.0	164.0	EARTH	MCCULLOCH PROPERTIES INC.	SEC.4-T3N,R6E
7-41	FOUNTAIN HILLS #19	31.0	72.0	EARTH	MCCULLOCH PROPERTIES INC.	SEC.22-T3N,R6E
7-42	BUCKEYE FLOOD RETARDING #1	34.0	8195.0	EARTH	MARICOPA CO. FLOOD C. D.	SEC.3-T1N,R5W
7-43	GUADALUPE FLOOD RETARDING	27.0	298.0	EARTH	MARICOPA CO. FLOOD C. D.	SEC.8-T1S,R4E
7-44	BUCKEYE FLOOD RETARDING #2	26.2	780.0	EARTH	MARICOPA CO. FLOOD C. D.	SEC.7-T1N,R3W
7-45	BUCKEYE FLOOD RETARDING #3	27.5	920.0	EARTH	MARICOPA CO. FLOOD C. D.	SEC.10-T1N,R3W
7-46	PHOENIX DETENTION BASIN 2A	24.0	59.0	EARTH	CITY OF PHOENIX	SEC.16-T3N,R3E
7-47	PHOENIX DETENTION BASIN 3	25.0	66.0	EARTH	CITY OF PHOENIX	SEC.22-T3N,R3E

MOHAVE COUNTY						
NUMBER	NAME	HEIGHT-FT.	CAPACITY-AF	TYPE	OWNER	LOCATION
8-2	JOSHUA CROSBY	14.0	90.0	EARTH	K. A. BUNDY	SEC.27-T35N,R9W
8-8	W.F. CATTLE CO.	23.0	20.0	EARTH	W.F. CATTLE COMPANY	SEC.9-T24N,R12W
8-9	SHORT CREEK #2	38.0	40.0	EARTH	SHORT CK. SO. SIDE IRR. CO.	SEC.32-T42N,R6W
8-10	SHORT CREEK #1	33.0	60.0	EARTH	SHORT CK. SO. SIDE IRR. CO.	SEC.5-T41N,R6W

NAVAJO COUNTY						
NUMBER	NAME	HEIGHT-FT.	CAPACITY-AF	TYPE	OWNER	LOCATION
9-3	CLEAR CREEK #1	13.0	350.0	MASONRY	CITY OF WINSLOW	SEC.10-T18N,R16E
9-4	FIVE MILE WASH	25.0	16.0	EARTH	ARIZ. DEPT. OF TRANS.	SEC.29-T17N,R21E
9-5	WOODRUFF	34.0	15.1	EARTH	WOODRUFF IRR. DIST.	SEC.32-T16N,R22E
9-7	MILLET SWALE	29.0	1550.0	EARTH	SILVER CREEK IRR. DIST.	SEC.20-T12N,R22E
9-9	LONE PINE	97.5	11000.0	EARTH	SILVER CREEK IRR. DIST.	SEC.14-T11N,R21E
9-11	DAGGS	59.0	4800.0	ERTH-RK	SILVER CREEK IRR. DIST.	SEC.10-T11N,R22E
9-13	JAQUES	75.0	6200.0	EARTH	PHELPS DODGE CORP.	SEC.10-T9N,R22E
9-14	SCOTT	42.0	1200.0	EARTH	SHOW LOW IRR. CO.	SEC.13-T9N,R22E
9-16	LAKESIDE	29.0	900.0	ERTH-RK	SHOW LOW IRR. CO.	SEC.23-T9N,R22E
9-18	WOODLAND	23.0	90.0	EARTH	WOODLAND IRR. DIST.	SEC.31-T9N,R23E
9-19	FOOL HOLLOW	76.0	3217.0	ERTH-RK	ARIZ. GAME AND FISH	SEC.12-T10N,R21E
9-20	BLACK CANYON	68.0	1581.0	EARTH	ARIZ. GAME AND FISH	SEC.24-T11N,R15E
9-21	LAKE OF THE WOODS	16.0	83.0	ERTH-RK	FRANK SHERER	SEC.23-T9N,R22E

PIMA COUNTY						
NUMBER	NAME	HEIGHT-FT.	CAPACITY-AF	TYPE	OWNER	LOCATION
10-2	ROCKING K RANCH	30.0	115.0	EARTH	ROCKING K RANCH ESTATES	SEC.16-T15S,R16E
10-3	SILVER BELL TAILINGS	45.0	596.0	EARTH	AMERICAN SMELT. AND REF.	SEC.13-T12S,R8E
10-5	KINNISON	43.0	59.0	EARTH	CITY OF TUCSON	SEC.28-T14S,R15E
10-6	GOLDER #2	11.0	60.0	EARTH	RAIL N RANCH CORP.	SEC.9-T11S,R14E
10-7	DUVAL LEACH FLOOD #1	42.0	135.0	EARTH	DUVAL CORP.	SEC.15-T18S,R12E
10-8	ROSE CANYON LOWER	45.0	117.0	GRAVITY	ARIZ. GAME AND FISH	SEC.16-T12S,R16E
10-12	ARIVACA	60.0	1037.0	EARTH	ARIZ. GAME AND FISH	SEC.7-T22S,R11E
10-13	KENNEDY PARK	23.0	150.0	EARTH	CITY OF TUCSON	SEC.27-T14S,R13E

PINAL COUNTY						
NUMBER	NAME	HEIGHT-FT.	CAPACITY-AF	TYPE	OWNER	LOCATION
11-2	POWERLINE RETARDING	35.0	4194.0	EARTH	MARICOPA CO. FLOOD C. D.	SEC.5-T1S,R8E
11-5	MAGMA RETARDING	24.0	4960.0	EARTH	MAGMA FLOOD CONT. DIST.	SEC.16-T3S,R9E
11-6	FLORENCE RETARDING	26.0	4875.0	EARTH	FLORENCE FLOOD CNT. DIST.	SEC.21-T4S,R10E
11-8	LITTLE BOX CANYON #2	65.0	502.0	ARCH	KENNECOTT COPPER CORP.	SEC.2-T3S,R13E
11-9	GOLDER	127.0	9457.0	EARTH	RAIL N RANCH CORP.	SEC.24-T10S,R14E
11-11	VINEYARD ROAD RETARDING	17.0	4310.0	EARTH	MARICOPA CO. FLOOD C. D.	SEC.9-T1S,R8E
11-12	RITTENHOUSE RETARDING	24.0	4060.0	EARTH	MARICOPA CO. FLOOD C. D.	SEC.2-T2S,R8E
11-13	MINERAL CREEK ARCH	162.0	9580.0	ARCH	KENNECOTT COPPER CORP.	SEC.35-T2S,R13E
11-14	MINERAL CREEK DIVERSION	37.0	480.0	EARTH	KENNECOTT COPPER CORP.	SEC.14-T3S,R13E

SANTA CRUZ COUNTY

NUMBER	NAME	HEIGHT-FT.	CAPACITY-AF	TYPE	OWNER	LOCATION
12-1	ORO BLANCO	18.0	66.0	EARTH	HORTON NOON	SEC.24-T22S,R10E
12-5	PENA BLANCA	70.0	975.0	ERTH-RK	ARIZ. GAME AND FISH	SEC.23-T23S,R12E
12-6	LAKE PATAGONIA	98.0	7540.0	EARTH	LAKE PATAGONIA REC. ASSOC.	SEC.25-T22S,R14E
12-8	KINO SPRINGS	23.0	100.0	EARTH	KINO SPRINGS INC.	SEC.6-T24S,R15E

YAVAPAI COUNTY

NUMBER	NAME	HEIGHT-FT.	CAPACITY-AF	TYPE	OWNER	LOCATION
13-1	CANYON MOUTH	30.0	400.0	EARTH	A.T. & S.F. RAILWAY CO.	SEC.24-T22N,R7W
13-2	RAILROAD EMBANKMENT	34.0	840.0	EARTH	A.T. & S.F. RAILWAY CO.	SEC.35-T23N,R6W
13-3	PAN	58.0	703.0	MASONRY	A.T. & S.F. RAILWAY CO.	SEC.9-T22N,R5W
13-4	WILLISCRAFT	33.0	37.0	EARTH	ASH FORK LIVESTOCK CO.	SEC.22-T21N,R3W
13-5	FORT ROCK RANCH	24.0	110.0	EARTH	H. C. DOBSON	SEC.9-T20N,R10W
13-8	SULLIVAN LAKE	20.0	500.0	GRAVITY	PRESCOTT FISH AND GAME	SEC.10-T17N,R2W
13-13	WILLOW CREEK	70.0	6900.0	ARCH	CHINO VALLEY IRR. DIST.	SEC.11-T14N,R2W
13-14	GRANITE CREEK	82.0	4600.0	ARCH	CHINO VALLEY IRR. DIST.	SEC.13-T14N,R2W
13-15	LYNX CREEK	62.0	113.0	ARCH	FAIN LAND AND CATTLE CO.	SEC.22-T14N,R1W
13-16	MESA RESERVOIR	19.0	110.0	EARTH	FAIN LAND AND CATTLE CO.	SEC.22-T14N,R1W
13-17	LOWER GOLDWATER	75.0	202.0	GRAVITY	CITY OF PRESCOTT	SEC.15-T13N,R2W
13-18	UPPER GOLDWATER	52.0	552.0	BUTTRESS	CITY OF PRESCOTT	SEC.15-T13N,R2W
13-19	HASSAYAMPA	40.0	43.0	GRAVITY	CITY OF PRESCOTT	SEC.12-T12N,R2W
13-20	LYNX LAKE	81.0	1472.0	ERTH-RK	ARIZ. GAME AND FISH	SEC.8-T13N,R1W
13-21	BILLINGSLEY #2	31.0	187.0	ERTHGVTY	BAIRDS BREAD CO.	SEC.11-T10N,R6W
13-22	BILLINGSLEY #3	25.0	350.0	EARTH	BAIRDS BREAD CO.	SEC.35-T11N,R6W
13-26	BILLINGSLEY #4	14.0	103.0	EARTH	BAIRDS BREAD CO.	SEC.11-T10N,R6W
13-27	STEHR LAKE	19.0	287.0	EARTH	ARIZ. PUBLIC SERVICE	SEC.20-T11N,R7E
13-30	NAVAJO	25.0	21.3	EARTH	G. ORLANDI & ASSOC.	SEC.11-T14N,R5E
13-32	BOTTLENECK	14.0	100.0	EARTH	CHINO VALLEY IRR. DIST.	SEC.24-T15N,R2W