

IMPORTANT DAMS IN THE UNITED STATES

Compiled by United States Department of the Interior, Bureau of Reclamation, January 1943

Name	State	River	Year Completed	Purpose 1/	Type	Structural Height (Feet)	Crest Length (Feet)	Volume (Cubic Yards)	Constructed by
Martin	Alabama	Tallapoosa	1926	P.	Concrete arch, overpour	180	1,248	395,000	Alabama Power Co.
Wilson	Tennessee	Tennessee	1925	Nav., F.C., P.	Concrete, straight-gravity, overflow	137	4,860	1,331,504	Army Engineers.
Wheeler	Tennessee	Tennessee	1936	Nav., F.C., P.	Concrete, straight-gravity	72	6,342	682,000	Tennessee Valley Authority.
Cuntersville	Tennessee	Tennessee	1939	Nav., F.C., P.	Concrete, straight-gravity, and earth embankment	94	3,979	1,109,723	Tennessee Valley Authority.
HORSE MESA 15/	Arizona	Salt	1927	P.	Concrete, variable-radius arch	305	784	159,060	Bureau of Reclamation.
ROOSEVELT	Arizona	Salt	1911	Irr., P.	Rubble masonry, arch-gravity	280	723	340,000	Bureau of Reclamation.
Lake Pleasant	Arizona	Aqua Fria	1927	Irr., P.	Concrete, multiple arch	256	2,146	98,400	Maricopa County Water Conservation Dist. No. 1.
Coolidge *	Arizona	Gila	1928	Irr., P.	Concrete, multiple dome	249	932	204,000	Office of Indian Affairs.
BARTLETT *	Arizona	Verde	1939	Irr.	Concrete, multiple arch	287	1,063	182,440	Bureau of Reclamation.
MORMON FLAT 15/	Arizona	Salt	1925	P.	Concrete, variable-radius arch	224	380	42,980	Bureau of Reclamation.
STEWART MOUNTAIN 15/	Arizona	Salt	1930	P.	Concrete, variable-radius arch 10/	207	1,260	120,500	Bureau of Reclamation.
IMPERIAL	Arizona-California	Colorado	1938	Irr.	Slab and buttress, hollow concrete "floating weir"	85	3,475	422,689	Bureau of Reclamation.
BOULDER *	Arizona-Nevada	Colorado	1936	F.C., Irr., P.	Concrete, arch-gravity	726	1,244	3,251,137	Bureau of Reclamation.
DAVIS	Colorado	Colorado	2/	P., R.R.	Earth and rock fill	200	1,600	4,230,000	Bureau of Reclamation.
Norfork	Arkansas	North Fork	2/	F.C.	Concrete, straight-gravity	230	2,624	1,500,000	Army Engineers.
Blue Mountain	Arkansas	Petit Jean	2/	F.C.	Earth fill	115	2,700	1,640,000	Army Engineers.
Salt Springs *	California	North Fork of Mokelumne	1931	P.	Rock fill, concrete slab upstream	345	1,300	3,000,000	Pacific Gas & Electric Co.
Exchequer	California	Merced	1926	Irr., P.	Concrete, arch-gravity	330	960	350,000	Merced Irrigation District.
Morris	California	San Gabriel	1934	W.S.	Concrete, straight-gravity	325	756	480,860	City of Pasadena.
SHASTA *	California	Sacramento	2/	Irr., F.C., P.	Concrete, straight-gravity 22/	602	3,500	6,230,000	Bureau of Reclamation.
Hetch Hetchy	California	Tuolumne	16/ 1923	W.S., P.	Concrete, arch-gravity	430	800	935,000	City and County of San Francisco.
Hansen	California	Tujunga Wash	1940	F.C.	Earth fill	100	9,050	14,000,000	Army Engineers.
San Gabriel No. 1 *	California	San Gabriel	1938	F.C.	Rock and earth fill	376	1,520	10,599,430	Los Angeles County Flood Control District.
Pacoima *	California	Pacoima	1929	F.C.	Concrete, variable-radius arch	373	640	226,140	Los Angeles County Flood Control District.
Pardee	California	Mokelumne	1929	W.S., P.	Concrete, arch-gravity	358	1,337	617,700	East Bay Municipal Utility District.
San Gabriel No. 2	California	San Gabriel	1935	F.C.	Rock fill, concrete facing upstream	290	800	1,200,000	Los Angeles County Flood Control District.
Don Pedro	California	Tuolumne	1923	Irr.	Concrete, arch-gravity	288	1,040	296,552	Turlock Irrigation District.
Morena	California	Cottonwood Creek	1930	W.S.	Rock fill, concrete core wall	279	530	335,000	City of San Diego.
Lake Spaulding	California	South Yuba	1919	P.	Concrete, variable-radius arch	5/ 275	800	191,772	Pacific Gas & Electric Co.
El Capitan	California	San Diego	1935	W.S.	Earth and rock fill, semihydraulic	270	1,230	2,679,680	City of San Diego.
FRIANT	California	San Joaquin	1942	Irr.	Concrete, straight-gravity	320	3,430	2,045,860	Bureau of Reclamation.
Copco No. 1	California	Klamath	1922	P.	Concrete, arch-gravity	247	415	70,312	California-Oregon Power Co.
Big Tujunga No. 1	California	Big Tujunga Creek	1932	F.C.	Concrete, variable-radius arch	250	800	108,250	Los Angeles County Flood Control District.
Big Santa Anita	California	Big Santa Anita Creek	1927	F.C.	Concrete, variable-radius arch	235	612	76,184	Los Angeles County Flood Control District.
Bouquet Canyon	California	Bouquet Creek	1934	P.	Earth fill	225	1,950	3,421,300	Department of Water & Power, Los Angeles.
Melones	California	Stanislaus	1926	Irr.	Concrete, constant-radius arch, overflow	222	590	92,913	Oakdale & San Joaquin Irrigation District.
Stone Canyon	California	(Stone Canyon)	1924	W.S.	Earth fill, part hydraulic	220	567	729,900	City of Los Angeles.
Calaveras	California	Calaveras Creek	1925	W.S.	Earth fill, semihydraulic	220	1,200	3,461,000	City of San Francisco.
Upper San Leandro	California	San Leandro Creek	1926	W.S.	Earth fill, part hydraulic	220	660	1,248,000	East Bay Municipal Utility District.
Barrett	California	Cottonwood Creek	1922	W.S.	Concrete, arch-gravity	213	773	139,569	City of San Diego.
San Pablo	California	San Pablo Creek	1920	W.S.	Earth fill, hydraulic	205	1,250	2,200,000	East Bay Municipal Utility District.
Cajalco	California	(Offstream)	1938	W.S.	Earth fill	210	2,170	3,162,585	Metropolitan Water District (California).
Lafayette	California	Lafayette Creek	1929	W.S.	Earth fill, puddled clay core	121	1,165	2,000,000	East Bay Municipal Utility District.
STONY GORGE	California	Stony Creek	1928	Irr.	Concrete, slab and buttress	130	868	43,134	Bureau of Reclamation.
Lower Otay	California	Otay	1919	W.S.	Concrete, curved-gravity	164	700	83,000	City of San Diego.
Big Dalton	California	Big Dalton Creek	1929	F.C.	Concrete, multiple arch	170	480	45,044	Los Angeles County Flood Control District.
Bullard's Bar	California	North Fork of Yuba	1924	P.	Concrete, variable-radius arch	199	440	48,876	Pacific Gas & Electric Co.
Santa Fe	California	San Gabriel	2/	F.C.	Earth fill	5/ 95	23,805	11,950,000	Army Engineers.
Florence Lake	California	South Fork of San Joaquin	1926	P.	Concrete, multiple arch	166	3,106	56,576	Southern California Edison Co.
Gibraltar	California	Santa Ynez	1920	W.S.	Concrete, constant-radius arch	180	1,100	60,000	City of Santa Barbara.
Huntington Lake	California	Big Creek	1917	P.	Concrete, curved-gravity	186	1,310	116,800	Southern California Edison Co.
Lake Loveland	California	Sweetwater	1932	W.S.	Concrete, variable-radius arch	197	706	43,810	Sweetwater Water Corporation.
Priest	California	Rattlesnake Creek	1923	W.S.	Earth fill, hydraulic	168	1,100	734,326	City of San Francisco.
Shaver Lake	California	Stevenson Creek	1927	P.	Concrete, curved-gravity, overflow	183	2,169	282,000	Southern California Edison Co.
PARKER *	California-Arizona	Colorado	1938	W.S., P.	Concrete, variable-radius arch	320	856	290,640	Bureau of Reclamation.
Madden	Canal Zone	Chagres	1934	P., F.C.	Concrete, straight-gravity	223	974	636,580	Panama Canal.
Gatun	Canal Zone	Chagres	1912	R.R.	Earth fill, semihydraulic	115	8,324	22,958,089	Panama Canal.
Cheesman	Colorado	South Platte	1904	W.S.	Rubble masonry, curved-gravity	232	710	103,000	City of Denver.
Standley Lake	Colorado	South Platte	1911	Irr.	Earth fill, puddled core	113	6,630	3,250,000	Denver Reservoir Irrigation Co.
VALLECITO	Colorado	Pine	1941	Irr.	Earth and rock fill	143	4,050	3,690,000	Bureau of Reclamation.
TAYLOR PARK	Colorado	Taylor	1937	Irr.	Earth and rock fill	204	613	1,107,000	Bureau of Reclamation.
John Martin (Caddoa)	Colorado	Arkansas	2/	F.C.	Concrete gravity and earth fill	153	23/ 13,946	6,683,400	Army Engineers.
COLORADO RIVER	Colorado	Colorado	1916	Irr.	Concrete weir, roller steel gates	36	543	17,990	Bureau of Reclamation.
GREEN MOUNTAIN	Georgia	Blue	2/	Irr., P.	Earth and rock fill	274	1,060	4,450,000	Bureau of Reclamation.
Nottely	Georgia	Nottely	1942	F.C., P.	Earth and rock fill	194	2,560	1,538,000	Tennessee Valley Authority.
Bartlett's Ferry	Georgia-Alabama	Chattahoochee	1926	P.	Concrete, straight-gravity, earth abutments	145	1,975	446,000	Columbus Electric & Power Co.
ARROWROCK	Idaho	Boise	17/ 1915	Irr.	Rubble concrete, arch-gravity	354	1,100	603,872	Bureau of Reclamation.
Salmon River	Idaho	Salmon	1912	Irr.	Concrete, constant-radius arch	220	490	729,900	Twin Falls-Salmon River Land & Water Co.
Oakley	Idaho	Goose Creek	1913	Irr.	Earth fill, concrete core wall	145	1,050	1,145,200	Twin Falls-Oakley Land & Water Co.
AMERICAN FALLS	Idaho	Snake	1927	Irr.	Concrete gravity, and earth fill	89	5,227	312,160	Bureau of Reclamation.
BLACK CANYON	Idaho	Payette	1924	Irr., P.	Concrete gravity, ogee overflow section	183	1,040	79,840	Bureau of Reclamation.
DEADWOOD	Idaho	Deadwood	1931	Irr.	Concrete arch, overflow	165	750	56,358	Bureau of Reclamation.
ANDERSON RANCH *	Iowa	South Fork of Boise	2/	Irr., P., F.C.	Earth and rock fill	444	1,350	9,600,000	Bureau of Reclamation.
Keokuk	Iowa-Illinois	Mississippi	1913	P.	Concrete, straight-gravity	53	4,578	550,000	Mississippi River Power Co.
Kanopolis	Kansas	Smoky Hill	2/	F.C.	Earth fill	100	11,600	11,000,000	Army Engineers.
Dix River	Kentucky	Dix	1925	P.	Rock fill, concrete facing upstream	270	910	1,747,000	Kentucky Hydroelectric Co.
Kentucky	Kentucky	Tennessee	2/	F.C., Nav., P.	Concrete spillway and earth embankments	160	2/ 8,650	4,415,000	Tennessee Valley Authority.
Wolf Creek	Kentucky	Cumberland	2/	F.C., P.	Concrete gravity and earth fill	242	5,730	10,250,000	Army Engineers.
Bonnet Carré	Louisiana	Mississippi	1931	F.C.	Concrete spillway structure	24	7,700		Army Engineers.
Wyman	Maine	Upper Kennebec	1931	P.	Earth fill	14/ 155	2,250	2,500,000	New England Public Service Co.
Conowingo	Maryland	Susquehanna	1928	P.	Concrete, straight-gravity	105	4,648	664,000	Susquehanna Power Co.
Prettyboy	Maryland	Gunpowder	1933	W.S.	Concrete, straight-gravity	167	845	192,500	City of Baltimore.
Cobble Mountain *	Massachusetts	Little	1932	W.S., P.	Earth fill, hydraulic	263	730	1,800,000	City of Springfield.
Wachusett	Massachusetts	Nashua	1906	W.S.	Rubble masonry, straight-gravity	207	971	266,663	Metropolitan Water District (Mass.).
Winsor	Massachusetts	Swift	1939	W.S.	Earth fill, concrete core wall	170	2,640	4,000,000	Metropolitan Water District (Mass.).
Hardy	Michigan	Muskegon	1931	P.	Earth fill, semihydraulic, steel cut-off	120	2,800	1,410,000	Consumer Power Co.
Sardis	Mississippi	Little Tallahatchie	1940	F.C.	Earth fill	117	14,550	16,842,000	Army Engineers.
Bagnell	Missouri	Osage	1931	P.	Concrete, straight-gravity	148	2,543	551,000	Union Electric Light & Power Co.
Fort Peck	Montana	Missouri	1940	F.C., P., Nav.	Earth fill, hydraulic	250	12/ 10,578	109,000,000	Army Engineers.
FRESNO	Montana	Milk	1939	Irr.	Earth fill	109	1,855	2,075,000	Bureau of Reclamation.
GIBSON	Montana	North Fork of Sun	1929	Irr.	Concrete arch	195	960	161,696	Bureau of Reclamation.
Keystone (Kingsley)	Nebraska	North Platte	1941	P., Irr., F.C.	Earth fill, hydraulic	162	10,200	26,000,000	Central Nebraska Public Power and Irr. Dist.
Franklin Falls	New Hampshire	Pemigewasset	1942	F.C.	Earth fill	130	1,700	2,900,000	Army Engineers.
Boonton	New Jersey	Rockaway	1906	W.S.	Cyclopean masonry, gravity	114	2,150	255,327	City of Jersey City.

Name	State	River	Year Completed	Purpose 1/	Type	Structural Height (Feet)	Crest Length (Feet)	Volume (Cubic Yards)	Constructed by	
Conchas	New Mexico	South Canadian	1939	F.C., Irr.	Concrete, straight-gravity and earth dikes	235	21/	6,250	1,723,000	Army Engineers.
ELEPHANT BUTTE		Rio Grande	1916	Irr., P.	Concrete, straight-gravity	301		1,162	605,200	Bureau of Reclamation.
CABALLO		Rio Grande	1938	Irr.	Earth and rock fill	96		4,590	1,243,644	Bureau of Reclamation.
ALAMOGORDO		Pecos	1938	Irr.	Earth and rock fill	148		2,933	1,892,051	Bureau of Reclamation.
El Vado		Chama	1934	Irr.	Gravel fill, welded steel plate facing	175		1,300	598,620	Middle Rio Grande Conservancy District.
Kensico	New York	Bronx	1916	W.S.	Cyclopean masonry, straight-gravity	307		1,843	900,000	City of New York.
New Croton		Croton	1927	W.S.	Rubble and cyclopean masonry, straight-gravity 4/	297	6/	710	855,000	City of New York.
Ashokan (Olive Bridge)		Esopus Creek	1912	W.S.	Rubble masonry, straight-gravity	252	8/	1,000	510,000	City of New York.
Merriman		Rondout Creek	1942	W.S.	Earth fill	200		2,400	7,953,000	City of New York.
Croton Falls		West Branch of Croton	1911	W.S.	Cyclopean masonry, straight-gravity	167		1,100	245,000	City of New York.
Santeetlah	North Carolina	Tallassee	1927	P.	Concrete, variable-radius arch 11/	200		1,150	214,000	Aluminum Co. of America.
Yadkin (Narrows)		Yadkin	1919	P.	Concrete, arch-gravity, overflow	217		1,400	451,000	Aluminum Co. of America.
Hiwassee		Hiwassee	1940	F.C., Nav., P.	Concrete, straight-gravity	308		1,287	775,643	Tennessee Valley Authority
Paddy Creek		Paddy Creek	1918	P.	Earth fill, semihydraulic	165		1,472	1,450,000	Western Carolina Power Co.
Linville		Linville	1919	P.	Earth fill, semihydraulic	160		1,250	1,250,000	Western Carolina Power Co.
Cheoah		Little Tennessee	1919	P.	Concrete, arch-gravity	230		770	200,000	Aluminum Co. of America.
Nantahala		Nantahala	1942	P.	Rock fill, earth blanket	260		880	1,829,000	Nantahala Power & Light Co
Fontana		Trib. of Little Tennessee	2/	F.C., P.	Concrete gravity	450			2,734,000	Tennessee Valley Authority.
Glenville		N. Fk. of Tuckasegee	1942	P.	Rock fill, earth blanket	150		900	1,060,000	Aluminum Co. of America.
Englewood	Ohio	Stillwater	1922	F.C.	Earth fill, semihydraulic	124		4,750	3,600,000	Miam Conservancy District.
Bollivar		Sandy Creek	1937	F.C.	Earth and rock fill	87		6,300	2,354,000	Muskingum Watershed Conservation District.
Mohawk		Walhonding	1937	F.C.	Earth fill	111		2,330	2,595,000	Muskingum Watershed Conservation District.
Fort Supply	Oklahoma	Wolf Cr. of No. Canadian	1942	F.C.	Earth fill	75	19/	10,600	4,760,000	Army Engineers.
Pensacola		Grand	1940	P.	Multiple arch and gravity section	147		5,625	510,500	Grand River Dam Authority.
Denison	Okla.-Texas	Red	2/	F.C., P.	Earth fill	165		14,000	15,475,000	Army Engineers.
OWYHEE	Oregon	Owyhee	1932	Irr.	Concrete, arch-gravity	417		833	536,470	Bureau of Reclamation.
McKAY		McKay Creek	1926	Irr.	Gravel fill, concrete paving	165		2,700	2,313,000	Bureau of Reclamation.
Dorena		Row	2/	F.C.	Earth fill	140		5,000	3,000,000	Army Engineers.
Bull Run		Bull Run	1929	W.S.	Concrete, arch-gravity	200		1,000	230,000	City of Portland.
Bonneville	Oregon-Washington	Columbia	1937	P., Nav.	Concrete, straight-gravity	170		1,230	596,500	Army Engineers.
Safe Harbor	Pennsylvania	Susquehanna	1932	P.	Concrete, straight-gravity	106		5,000	490,000	Safe Harbor Water Power Corporation.
Youghiogheny		Youghiogheny	2/	F.C.	Earth fill	5/	184	1,600	3,000,000	Army Engineers.
Crooked Creek		Crooked Creek	1940	F.C.	Earth fill	143		1,480	1,450,000	Army Engineers.
Scituate	Rhode Island	Pawtuxet	1928	W.S.	Earth fill	180		3,200	2,500,000	City of Providence.
Saluda	South Carolina	Saluda	1930	P.	Earth fill, semihydraulic, clay puddle core	208		7,800	11,000,000	Lexington Water Power Co.
Pinopolis		Cooper	1941	P.	Earth fill	75		10,500	2,966,000	South Carolina Public Service Authority.
BELLE FOURCHE	South Dakota	Owl Creek	1911	Irr.	Earth fill, concrete paved	112		6,262	1,737,860	Bureau of Reclamation.
Pickwick	Tennessee	Tennessee	1938	Nav., F.C., P.	Concrete, straight-gravity and earth embankment	113		7,715	3,328,800	Tennessee Valley Authority.
Cherokee		Holston	1941	F.C., Nav., P.	Concrete, straight-gravity and earth embankment	184		6,665	4,321,000	Tennessee Valley Authority.
Chickamauga		Tennessee	1940	Nav., F.C., P.	Concrete, straight-gravity and earth embankments	129		5,794	2,856,215	Tennessee Valley Authority.
Norris		Clinch	1936	F.C., Nav., P.	Concrete, straight-gravity	265		1,860	1,015,524	Tennessee Valley Authority.
Watts Bar		Tennessee	1942	F.C., Nav., P.	Concrete, straight-gravity, and earth embankment	97		2,965	936,420	Tennessee Valley Authority.
Calderwood		Little Tennessee	1930	P.	Concrete, thin-section arch, overflow	230		897	280,000	Aluminum Co. of America.
Fort Loudoun		Tennessee	2/	Nav., P.	Concrete gravity, earth embankments	135		4,835	2,169,000	Tennessee Valley Authority.
MARSHALL FORD (Mansfield)	Texas	Colorado	1942	F.C., P.	Concrete, straight-gravity and earth and rock fill	270	7/	2,423	3,579,000	Bureau of Reclamation.
Garza		Elm Fork of Trinity	1926	W.S.	Earth fill, hydraulic	80		10,400	2,000,000	City of Dallas.
Wichita Falls		Big Wichita	1924	Irr.	Earth fill, part hydraulic	100		7,500	1,500,000	City of Wichita Falls.
Bridgeport		West Fork of Trinity	1931	W.S., F.C.	Earth fill	110		2,000	1,390,000	Tarrant Co. Water Control & Impr. Dist. No. 1.
Hamilton (Buchanan)		Colorado	1913	P.	Concrete, multiple arch	158		11,500	189,000	Lower Colorado River Authority.
Medina		Medina	1913	Irr.	Cyclopean masonry, straight-gravity	178		1,580	280,000	Medina Valley Irrigation District.
Possum Kingdom		Brazos	1941	F.C., P.	Ambursen, massive buttress	190				Brazos River Conservation and Recl. District.
ECHO	Utah	Weber	1930	Irr.	Earth and rock fill	125		1,807	1,530,042	Bureau of Reclamation.
PINE VIEW		Ogden	1936	Irr.	Earth and rock fill	103		443	261,293	Bureau of Reclamation.
DEER CREEK		Provo	1941	Irr.	Earth and rock fill	235		1,256	2,809,800	Bureau of Reclamation.
Davis Bridge	Vermont	Deerfield	1924	P.	Earth fill, semihydraulic	200		1,250	1,950,000	New England Power Co.
Somerset		Branch of Deerfield	1913	P.	Earth fill, semihydraulic	106		2,080	1,000,000	New England Power Co.
Fifteen Mile Falls		Connecticut	1930	P.	Concrete, straight-gravity, earth embankment	175		2,000	520,000	Connecticut River Development Co.
GRAND COULEE	Washington	Columbia	1942	Irr., F.C., P.	Concrete, straight-gravity	550		4,173	9,926,005	Bureau of Reclamation.
Diablo *		Skagit	1931	P.	Concrete, constant-radius arch, gravity wings	389		1,180	350,000	City of Seattle.
Ariel *		Lewis	1931	P.	Concrete, gravity and variable-radius arch	313		1,250	307,000	Inland Power & Light Co.
Shannon *		Baker	1926	P.	Concrete, semigravity arch, overflow	263		450	132,000	Puget Sound Light & Power Co.
Long Lake		Spokane	1915	P.	Concrete, straight-gravity	247	2/	350	225,000	Washington Water Power Co.
TIETON		Tieton	1925	Irr.	Earth and rock fill, semihydraulic	222		920	2,024,990	Bureau of Reclamation.
Glines Canyon		Elwah	1927	P.	Concrete, semigravity arch	200		555	16,630	Northwestern Power & Light Co.
Mud Mountain *		White	1942	F.C.	Rock fill, rolled earth core	425		700	2,109,000	Army Engineers.
Ross		Skagit		P.	Concrete, variable-radius arch	305			310,000	City of Seattle.
Tygart	West Virginia	Tygart	1938	F.C.	Concrete, straight-gravity	232		1,880	1,100,000	Army Engineers.
Bluestone		New	2/	F.C., P.	Concrete, straight-gravity	165		2,060	1,000,000	Army Engineers.
SHOSHONE	Wyoming	Shoshone	1910	Irr., P.	Rubble concrete, arch	328		200	78,576	Bureau of Reclamation.
SEMINOLE		North Platte	1938	Irr., P.	Concrete, variable-radius arch	295		525	175,844	Bureau of Reclamation.
ALCOVA		North Platte	1938	Irr.	Earth and rock fill	265		763	1,600,000	Bureau of Reclamation.
PATHFINDER		North Platte	1909	Irr.	Broken-range masonry arch	214		432	60,210	Bureau of Reclamation.
JACKSON LAKE		South Fork of Snake	1916	Irr.	Earth fill, concrete gate section	59		4,920	491,677	Bureau of Reclamation.

- * Highest dam of its type.
1/ F.C.=Flood control; P=Power; Irr.=Irrigation; W.S.=Water Supply;
Nav.=Navigation; R.R.=River regulation.
2/ Under construction.
3/ 514,000 concrete, 1,655,000 earth.
4/ Stone masonry facing.
5/ Above stream bed.
6/ Not including earth embankment 490 feet.
7/ Also earth embankment at left abutment, 4,910 feet long, 105 feet high.
8/ 4,650 feet with earth wings.
9/ Spillway section.
10/ Gravity abutments.

- 11/ Two gravity overflow tangents.
12/ 21,578 feet including dike on west bank.
13/ 1,250,000 concrete, 9,000,000 earth.
14/ Maximum head.
15/ Constructed by Salt River Valley Water Users' Association.
16/ Raising dam from 344 feet to 430 feet completed in 1938.
17/ Dam raised 5 feet 1936-7.
18/ 1,864,000 cu. yds. concrete, 1,715,000 cu. yds. earth.
19/ Not including spillway and control structure 1,900 feet.
20/ 560,000 concrete, 5,900,000 earth, 223,400 rock.
21/ 20,000 feet incl. dikes.
22/ Slightly curved abutments.
23/ Concrete 1,644; earth fill 2,631; N. wing dam 3,864; S. wing dam 5,807.

Highest Dams

	Feet
Boulder (Ariz.-Nev.)	726
Shasta (Calif.) 2/	602
Grand Coulee (Wash.)	550
Anderson Ranch (Idaho) 2/	444
Hetch Hetchy (Calif.)	430
Mud Mountain (Wash.)	425
Owyhee (Oreg.)	417
Diablo (Wash.)	389

DAMS IN THE UNITED STATES - RANKED BY SIZE

COMPILED BY UNITED STATES DEPARTMENT OF THE INTERIOR, BUREAU OF RECLAMATION, JANUARY 1943.

Name	State	River	Year Completed	Purpose 1/	Type 2/	Maximum Height (Feet)	Crest Length (Feet)	Volume (Cu. Yds.)	Constructed By
Fort Peck	Montana	Missouri	1940	F.C., P., Nav.	Earth fill, hydraulic	250	4/ 21,578	109,000,000	Army Engineers.
Kingsley	Nebraska	North Platte	1941	F.C., Irr., P.	Earth fill, hydraulic	162	10,200	26,000,000	Central Nebraska Public Power and Irr. Dist.
Gatun	Canal Zone	Chagres	1912	R.R.	Earth fill, semihydraulic	115	8,324	22,958,089	Panama Canal.
Sardis	Mississippi	Little Tallahatchie	1940	F.C.	Earth fill, hydraulic	117	14,550	16,842,000	Army Engineers.
Denison	Oklahoma-Texas	Red	2/	F.C., P.	Earth fill	165	14,000	15,475,000	Army Engineers.
Hansen	California	Tujunga Wash	1940	F.C.	Earth fill	100	9,050	14,000,000	Army Engineers.
Santa Fe	California	San Gabriel	2/	F.C.	Earth fill	90	24,000	11,950,000	Army Engineers.
Saluda	South Carolina	Saluda	1930	P.	Earth fill, puddled clay core	208	7,800	11,000,000	Lexington Water Power Co.
Kanopolis	Kansas	Smoky Hill	2/	F.C.	Earth fill	100	11,600	11,000,000	Army Engineers.
San Gabriel No. 1	California	San Gabriel	1938	F.C.	Rock and earth fill	376	1,520	10,599,430	Los Angeles County Flood Control District.
Wolf Creek	Kentucky	Cumberland	2/	F.C., P.	Straight gravity and earth fill	242	29/ 5,730	10,250,000	Army Engineers.
GRAND COULEE	Washington	Columbia	1942	F.C., P., Irr.	Straight gravity	550	4,173	9,926,005	Bureau of Reclamation.
Santee	South Carolina	Santee	1941	P.	Earth fill, part hydraulic, concrete spillway	45	32/ 40,888	9,622,000	South Carolina Public Service Authority.
ANDERSON RANCH	Idaho	South Fork Boise	2/	Irr., P.	Earth and rock fill	444	1,350	9,600,000	Bureau of Reclamation.
Merriman	New York	Rondout Creek	1942	W.S.	Earth fill	200	2,400	7,953,000	City of New York.
John Martin (Caddoa)	Colorado	Arkansas	2/	F.C.	Straight gravity and earth fill	153	68/ 13,946	6,683,400	Army Engineers.
SHASTA	California	Sacramento	2/	Irr., F.C., P.	Straight gravity, curved abutments	602	3,500	6,230,000	Bureau of Reclamation.
Clearwater	Missouri	Black	2/	F.C.	Earth fill	154	4,200	5,580,000	Army Engineers.
Pinopolis Dikes	South Carolina	Cooper	1941	P.	Earth fill	75	10,600	5,398,000	South Carolina Public Service Authority.
Fort Supply	Oklahoma	Wolf Creek	1942	F.C.	Earth fill	75	10,600	4,760,000	Army Engineers.
GREEN MOUNTAIN	Colorado	Blue	2/	Irr., P.	Earth and rock fill	274	1,060	4,450,000	Bureau of Reclamation.
Arkabutla	Mississippi	Coldwater	2/	F.C.	Earth fill	65	10,000	4,352,700	Army Engineers.
Cherokee	Tennessee	Holston	1941	F.C., Nav., P.	Gravity and earth embankment	184	72/ 6,665	4,321,000	Tennessee Valley Authority.
Kentucky	Kentucky	Tennessee	2/	F.C., Nav.	Concrete spillway, 2 earth embankments	160	16/ 8,650	4,277,400	Tennessee Valley Authority.
DAVIS	Arizona-Nevada	Colorado	2/	P., R.R.	Earth and rock fill	200	1,600	4,230,000	Bureau of Reclamation.
Winsor (Quabbin)	Massachusetts	Swift	1939	W.S.	Earth fill, concrete core wall	170	2,640	4,000,000	Metropolitan Water District (Mass.).
Beaver Kill Dikes	New York	Beaver Kill	1912	W.S.	Earth fill	115	9,045	3,925,000	City of New York.
Cajalco Dike	California	(Offstream)	1939	W.S.	Earth fill	94	7,575	3,922,843	Metropolitan Water District (Calif.)
VALLECITO	Colorado	Pine	1941	Irr.	Earth and rock fill	143	4,050	3,690,000	Bureau of Reclamation.
Englewood	Ohio	Stillwater	1922	F.C.	Earth fill, semihydraulic	124	4,750	3,600,000	Miami Conservancy District.
MARSHALL FORD (Mansfield)	Texas	Colorado	1942	F.C., P., Irr.	Straight gravity 19/	270	23/ 7,333	3,579,000	Bureau of Reclamation.
Canton	Oklahoma	North Canadian	2/	F.C.	Earth fill	65	3,700	3,463,000	Army Engineers.
Calaveras	California	Calaveras Creek	1925	W.S.	Earth fill 20/	220	1,200	3,461,000	City of San Francisco.
Bouquet Canyon	California	Bouquet Creek	1934	P.	Earth fill	225	1,950	3,421,300	Department of Water and Power, Los Angeles.
Pickwick	Tennessee	Tennessee	1938	F.C., Nav., P.	Concrete spillway, 2 earth embankments	113	21/ 7,715	3,328,800	Tennessee Valley Authority.
BOULDER	Arizona-Nevada	Colorado	1935	F.C., Irr., P.	Arch gravity	726	1,244	3,251,137	Bureau of Reclamation.
Standley Lake	Colorado	South Platte	1911	Irr.	Earth fill, puddled core	113	6,630	3,250,000	Denver Reservoir Irrigation Co.
Cajalco	California	(Offstream)	1938	W.S.	Earth fill	210	2,170	3,162,585	Metropolitan Water District (Calif.).
Prado	California	Santa Ana	1941	F.C.	Earth fill	105	2,250	3,130,000	Army Engineers.
Salt Springs	California	North Fork Mokelumne	1931	P.	Rock fill 22/	345	1,300	3,000,000	Pacific Gas and Electric Co.
Dorena	Oregon	Row	2/	F.C.	Earth fill	140	5,000	3,000,000	Army Engineers.
Youghiogheny	Pennsylvania	Youghiogheny	2/	F.C., Nav.	Earth fill	51/ 184	1,600	3,000,000	Army Engineers.
Pinopolis	South Carolina	Cooper	1941	P.	Concrete spillway and lock, 2 earth embankments	75	10,500	2,966,000	South Carolina Public Service Authority.
Eagle Mountain	Texas	West Fork Trinity	1933	W.S., F.C.	Earth fill, hydraulic	80	4,000	2,900,000	Tarrant Co. Water Control & Improvement Dist.
Franklin Falls	New Hampshire	Pemigewasset	1942	F.C.	Earth fill	130	1,700	2,900,000	Army Engineers.
Chickamauga	Tennessee	Tennessee	1940	F.C., Nav., P.	Concrete spillway, 2 earth embankments	129	15/ 5,794	2,856,215	Tennessee Valley Authority.
DEER CREEK	Utah	Provo	1941	Irr.	Earth and rock fill	235	1,256	2,809,800	Bureau of Reclamation.
Fontana	North Carolina	Branch of Little Tennessee	2/	F.C., P.	Straight gravity	450	27/	2,734,000	Tennessee Valley Authority.
El Capitan	California	San Diego	1935	W.S.	Earth and rock fill, semihydraulic	270	1,230	2,679,680	City of San Diego.
Sepulveda	California	Los Angeles	1942	F.C.	Earth fill	90	27/ 15,444	2,619,200	Army Engineers.
Whitney Point	New York	Otselic	1942	F.C.	Earth fill	90	4,100	2,610,000	Army Engineers.
Mohawk	Ohio	Walhonding	1937	F.C.	Earth fill	111	2,330	2,595,000	Muskingum Watershed Conservancy Dist.
Lower San Fernando	California	Dry Wash	1920	W.S.	Earth fill, part hydraulic	130	2,000	2,577,800	City of Los Angeles.
Scituate	Rhode Island	Pawtuxet	1928	W.S.	Earth fill	180	3,200	2,500,000	City of Providence.
Quabbin Dike	Massachusetts	Swift	1939	W.S.	Earth fill, concrete core wall	120	1,800	2,500,000	Metropolitan Water District (Mass.).
Wyman	Maine	Upper Kennebec	1931	P.	Earth fill	23/ 155	2,250	2,500,000	New England Public Service Co.
Conchas South Dike	New Mexico	(Offstream)	1939	F.C., Irr.	Earth fill	96	6,400	2,415,000	Army Engineers.
Ralston Creek	Colorado	Ralston Creek	1937	W.S.	Earth fill	200	1,150	2,400,000	City of Denver.
Bolivar	Ohio	Sandy Creek	1937	F.C.	Earth and rock fill	87	6,300	2,354,000	Muskingum Watershed Conservancy District.
McKAY	Oregon	McKay Creek	1926	Irr.	Gravel fill, concrete facing	165	2,700	2,313,000	Bureau of Reclamation.
Waterbury	Vermont	Waterbury	1938	F.C.	Earth fill	155	2,000	2,250,000	Army Engineers.
Red Bluff	Texas	Pecos	1936	Irr., F.C., P.	Earth fill, semihydraulic	104	9,150	2,215,000	Red Bluff Water Power Control Dist.
San Pablo	California	San Pablo Creek	1920	W.S.	Earth fill, hydraulic	205	1,250	2,200,000	East Bay Municipal Utility District.
Fort Loudoun	Tennessee	Tennessee	2/	P., Nav.	Straight gravity, earth wings	135	4,835	2,169,000	Tennessee Valley Authority.
Stevens (Mud Mountain)	Washington	White	1942	F.C.	Rock fill 75/	425	700	2,109,000	Army Engineers.
FRESNO	Montana	Milk	1939	Irr.	Earth fill	109	1,855	2,075,000	Bureau of Reclamation.
FRIANT	California	San Joaquin	1942	Irr., F.C.	Straight gravity	320	3,430	2,045,860	Bureau of Reclamation.
TIETON	Washington	Tieton	1925	Irr.	Earth and rock fill, semihydraulic	222	920	2,024,990	Bureau of Reclamation.
Tionesta	Pennsylvania	Tionesta Creek	1940	F.C.	Earth fill	154	1,050	2,000,000	Army Engineers.
Wappapello	Missouri	St. Francis	1941	F.C.	Earth fill	77	2,500	2,000,000	Army Engineers.
Garza	Texas	Elm Fork of Trinity	1926	W.S.	Earth fill, hydraulic	80	10,400	2,000,000	City of Dallas.
Lafayette	California	Lafayette Creek	1929	W.S.	Earth fill, puddled clay core	121	1,165	2,000,000	East Bay Municipal Utility District.
Savage River	Maryland	Savage	2/	F.C.	Earth fill, rock faced	188	1,600	1,985,000	Upper Potomac River Commission.
Mill Creek	Washington	Mill Creek	1941	F.C.	Earth fill	140	3,200	1,956,800	Army Engineers.
Davis Bridge	Vermont	Deerfield	1924	P.	Earth fill, semihydraulic	200	1,250	1,950,000	New England Power Co.
ALAMOGORDO	New Mexico	Pecos	1938	Irr.	Earth and rock fill	148	2,933	1,892,051	Bureau of Reclamation.
WICKIUP	Oregon	Deschutes	2/	Irr.	Earth and rock fill	100	17,900	1,852,000	Bureau of Reclamation.
Tongue River	Montana	Tongue	1939	Irr.	Earth fill	91	1,800	1,850,000	State Water Conservation Board.
Olive Bridge (Dike)	New York	(Off stream)	1912	W.S.	Earth fill	70	3,650	1,840,000	City of New York.
Nantahala	North Carolina	Nantahala	1942	P.	Rock fill, earth blanket	260	880	1,829,000	Nantahala Power and Light Co.
Catawba	North Carolina	Catawba	1919	P.	Earth fill	120	1,275	1,817,000	Western Carolina Power Co.
Cobble Mountain	Massachusetts	Little	1931	W.S., P.	Earth fill, hydraulic	263	730	1,800,000	City of Springfield.
Willow Creek	Montana	Willow Creek	2/	Irr.	Earth fill	113	2,464	1,750,000	Indian Service.
JACKSON GULCH	Colorado	(Offstream)	2/	Irr.	Earth fill	172	2,150	1,750,000	Bureau of Reclamation.
Dix River (Harrodsburg)	Kentucky	Dix	1925	P.	Rock fill 34/	270	910	1,747,000	Kentucky Hydroelectric Co.
BELLE FOURCHE	South Dakota	Owl Creek	1911	Irr.	Earth fill 35/	112	6,262	1,737,860	Bureau of Reclamation.
Conchas	New Mexico	South Canadian	1939	F.C., Irr.	Straight gravity and earth wings	235	38/ 6,250	1,723,000	Army Engineers.
Blue Mountain	Arkansas	Petit Jean	2/	F.C.	Earth fill	115	2,700	1,640,000	Army Engineers.
Bills Brook	Connecticut	East Br. Farmington	1938	P.	Earth fill	75	1,500	1,600,000	County of Hartford.
ALCOVA	Wyoming	North Platte	1938	Irr.	Earth and rock fill	265	763	1,600,000	Bureau of Reclamation.
Nottely	Georgia	Nottely	1942	F.C., P.	Earth and rock fill	194	2,560	1,538,000	Tennessee Valley Authority.
Big Meadows	California	North Fork of Feather	1927	P.	Earth fill, hydraulic	130	1,250	1,532,800	Great Western Power Co.
ECHO	Utah	Weber	1930	Irr.	Earth and rock fill	125	1,807	1,530,042	Bureau of Reclamation.

Name	State	River	Year Completed	Purpose 1/	Type 2/	Maximum Height (Feet)	Crest Length (Feet)	Volume (Cu. Yds.)	Constructed By
Lake Arrowhead	California	Little Bear Creek	1922	P.	Earth fill, hydraulic	200	720	1,500,000	Arrowhead Lake Co.
Wichita Falls	Texas	Big Wichita	1924	Irr.	Earth fill, part hydraulic	100	7,500	1,500,000	City of Wichita Falls.
Norfolk	Arkansas	North Fork	2/	F.C.	Straight gravity	230	2,624	1,500,000	Army Engineers.
Paddy Creek	North Carolina	Paddy Creek	1918	P.	Earth fill, semihydraulic	165	1,472	1,450,000	Western Carolina Power Co.
Crooked Creek	Pennsylvania	Crooked Creek	2/	F.C.	Earth and rock fill	143	1,480	1,450,000	Army Engineers.
Hardy	Michigan	Muskegon	1931	P.	Earth fill, semihydraulic 36/	120	2,800	1,410,000	Consumer Power Co.
Huffman	Ohio	Mad	1922	F.C.	Earth fill, semihydraulic	73	3,600	1,396,000	Miami Conservancy District.
Bridgeport	Texas	West Fork of Trinity	1931	W.S., F.C.	Earth fill	110	2,000	1,390,000	Tarrant Co. Water Control & Improvement Dist. No. 1.
Long Valley	California	Owens	2/	F.C.	Earth and rock fill	182	1,200	1,347,000	City of Los Angeles.
Wilson	Alabama	Tennessee	1925	Nav., F.C., P.	Straight gravity 43/	137	4,860	1,331,504	Army Engineers. 6/
Taylorville	Ohio	Miami	1922	F.C.	Earth fill, hydraulic	78	3,000	1,290,000	Miami Conservancy District.
CLE ELUM	Washington	Cle Elum	1933	Irr.	Earth and rock fill	51/ 135	54/ 701	1,282,640	Bureau of Reclamation.
Tygart	West Virginia	Tygart	1938	F.C.	Straight gravity	232	2,369	1,251,550	Army Engineers.
Linville	North Carolina	Linville	1919	P.	Earth fill, semihydraulic	160	1,250	1,250,000	Western Carolina Power Co.
Upper San Leandro	California	San Leandro Creek	1926	W.S.	Earth fill, part hydraulic	220	660	1,248,000	East Bay Municipal Utility District.
CABALLO	New Mexico	Rio Grande	1938	Irr.	Earth and rock fill	96	4,590	1,243,644	Bureau of Reclamation.
LOWER DEER FLAT	Idaho	(Offstream)	1908	Irr.	Earth fill	40	7,200	1,240,621	Bureau of Reclamation.
UPPER DEER FLAT	Idaho	(Offstream)	1908	Irr.	Earth fill	70	4,000	1,233,057	Bureau of Reclamation.
San Gabriel No. 2	California	San Gabriel	1935	F.C.	Rock fill 44/	290	800	1,200,000	Los Angeles County Flood Control District.
Oakley	Idaho	Goose Creek	1913	Irr.	Earth fill, concrete core wall	145	1,050	1,145,200	Twin Falls-Oakley Land & Water Co.
Fern Ridge	Oregon	Long Tom	2/	F.C.	Earth fill	2/		1,140,400	Army Engineers.
Wrightsville	Vermont	North Fork Winooski	1935	F.C.	Earth fill	150	1,400	1,140,000	Army Engineers.
Coyote	California	Coyote	2/	Irr.	Earth, gravel and rock fill	165	690	1,130,000	Santa Clara Valley Water Conservation District.
Guntersville	Alabama	Tennessee	1939	F.C., Nav., P.	Straight gravity 45/	94	55/ 3,979	63/ 1,109,723	Tennessee Valley Authority.
TAYLOR PARK	Colorado	Taylor	1937	Irr.	Earth and rock fill	204	613	1,107,000	Bureau of Reclamation.
Santiago	California	Santiago	1932	Irr.	Earth fill, concrete slab upstream	160	1,400	1,105,700	Serrano and Carpenter Irr. Districts.
Como	Montana	Rock Creek	1910	Irr.	Earth and rock fill	65	2,550	1,105,600	Bitter Root Irrigation District.
Great Salt Plains	Oklahoma	Arkansas	1941	F.C.	Earth fill	69	5,700	1,081,128	Army Engineers.
Beach City	Ohio	Sugar Creek	1937	F.C.	Earth fill	64	5,600	1,077,000	Muskingum Watershed Conservancy District.
Glenville	North Carolina	West Fork Tuckasegee	1942	P.	Rock fill, earth blanket upstream	150	900	1,060,000	Aluminum Co. of America.
Norris	Tennessee	Clinch	1936	F.C., Nav., P.	Straight gravity	265	1,860	1,015,524	Tennessee Valley Authority.
Lockington	Ohio	Laramie Creek	1921	F.C.	Earth fill, hydraulic	78	6,400	1,000,000	Miami Conservancy District.
Somerset	Vermont	Branch of Deerfield	1913	P.	Earth fill, semihydraulic	106	2,080	1,000,000	New England Power Co.
Cherry Creek	Colorado	Cherry Creek	2/	F.C.	Earth fill	50	3,600	1,000,000	City of Denver.
Bluestone	West Virginia	New	2/	F.C., P.	Straight gravity	165	2,060	1,000,000	Army Engineers.
Watts Bar	Tennessee	Tennessee	1942	F.C., Nav., P.	Straight gravity 46/	97	56/ 2,965	64/ 936,420	Tennessee Valley Authority.
Hetch Hetchy	California	Tuolumne	41/ 1923	W.S., P.	Arch gravity	430	800	935,000	City and County of San Francisco.
Kensico	New York	Bronx	1916	W.S.	Straight gravity 47/	307	1,843	900,000	City of New York.
New Croton	New York	Croton	1927	W.S.	Straight gravity 48/	297	57/ 710	855,000	City of New York.
Hiwassee	North Carolina	Hiwassee	1940	F.C., Nav., P.	Straight gravity 49/	308	1,287	65/ 775,643	Tennessee Valley Authority.
Salmon River	Idaho	Salmon	1912	Irr.	Constant radius arch	220	4,342	729,900	Twin Falls-Salmon River Land and Water Co.
Wheeler	Alabama	Tennessee	1936	F.C., Nav., P.	Straight gravity 50/	72	42/ 690	682,000	Tennessee Valley Authority.
Conowingo	Maryland	Susquehanna	1928	P.	Straight gravity	105	58/ 4,648	664,000	Susquehanna Power Co.
Madden	Canal Zone	Chagres	1934	F.C., P.	Straight gravity 80/	223	62/ 974	636,580	Panama Canal.
Pardee	California	Mokelumne	1929	W.S., P.	Arch gravity	358	1,337	617,700	East Bay Municipal Utility District.
ELEPHANT BUTTE	New Mexico	Rio Grande	1916	Irr., P.	Straight gravity	301	1,162	605,200	Bureau of Reclamation.
ARROWROCK	Idaho	Boise	1915	Irr.	Arch gravity	52/ 354	1,100	603,872	Bureau of Reclamation.
Bonneville	Oregon-Wash.	Columbia	1937	P., Nav.	Straight gravity	170	1,230	596,500	Army Engineers.
Bagnell	Missouri	Osage	1931	P.	Straight gravity	148	59/ 2,543	551,000	Union Electric Light & Power Co.
Keokuk	Iowa-Illinois	Mississippi	1913	P.	Straight gravity	53	60/ 4,578	550,000	Mississippi River Power Co.
OWYHEE	Oregon	Owyhee	1932	Irr.	Arch gravity	417	833	536,470	Bureau of Reclamation.
Pensacola	Oklahoma	Grand	1940	P.	Multiple arch and gravity section	147	5,625	510,500	Grand River Dam Authority.
Olive Bridge (Ashokan)	New York	Esopus Creek	1912	W.S.	Straight gravity 53/	252	61/ 1,000	510,000	City of New York.

1/ F.C. - Flood control, P. - Power, Irr. - Irrigation, W.S. - Water supply, R.R. - River regulation, Nav. - Navigation.

2/ Under construction.

3/ Concrete unless otherwise specified.

4/ 10,578' main river section, 11,000' dike section on west bank.

5/ 9,140,000 earth; 354,000 cu. yds. rock; 128,000 concrete.

6/ Taken over by Tennessee Valley Authority.

7/ 4,750,000 earth, 648,000 rock.

8/ 3,500,000 earth, 950,000 rock.

9/ 1,864,000 concrete, 1,460,000 earth, 255,000 rock.

10/ 2,694,782 earth, 634,018 concrete.

11/ 2,704,000 earth, 262,000 rock.

12/ 1,300,000 earth, 2,930,000 rock.

13/ 2,380,996 earth, 475,219 concrete.

14/ 2,250,000 earth, 590,000 rock, 60,000 concrete.

15/ 4,384' earth embankments, 1,410' spillway, lock and powerhouse.

16/ 6,862' earth embankments, 1,788' spillway, lock and powerhouse.

17/ West and middle dikes - 3,750,000 earth, 175,000 concrete.

18/ Puddled or rolled fill 200,000 c.y.

19/ Earth embankment at left abutment.

20/ Lower half, hydraulic fill; upper half, dry earth and rock fill.

21/ 5,664' earth embankments, 2,051 spillway, lock and powerhouse.

22/ Upstream slope, 15' of placed rock, surfaced with concrete slab.

23/ Maximum head.

24/ 3,140,000 earth, 1,137,400 concrete.

25/ 1,900,000 earth, 515,000 rock.

26/ 2,420,000 earth, 136,000 rock, 63,200 concrete.

27/ 2,660,000 concrete, 74,000 earth.

28/ Also 17,250 c.y. concrete paving.

29/ 1,834' concrete, 3,896' earth.

30/ 1,350,000 earth, 500,000 rock.

31/ 750,000 concrete, 730,000 earth, 243,000 rock.

32/ Including 3,400' concrete spillway.

33/ Concrete 2,423; earth embankment 4,910' long, 105' high.

34/ Upstream slope has hand-packed rock, faced with concrete.

35/ Concrete blocks on upstream face.

36/ Steel sheeting cut-off.

37/ Includes 459' spillway.

38/ Main dam 1,250', wing dams 5,000'.

39/ 1,800,000 earth, 40,000 concrete.

40/ Includes 400,000 c.y. of rock.

41/ Raising completed in 1938.

42/ Overall length including powerhouse and lock.

43/ Concrete spillway, locks and powerhouse.

44/ Concrete facing on upstream slope.

45/ Concrete lock, spillway, powerhouse and two earth embankments.

46/ Concrete lock, spillway, powerhouse and earth embankment.

47/ Upstream face, precast concrete blocks.

48/ Stone masonry facing.

49/ Dam, spillway and powerhouse.

50/ Concrete spillway, lock and powerhouse.

51/ Above stream bed.

52/ Raised from 349' to 354' in 1937.

53/ Faced with concrete blocks.

54/ Also dike at north abutment 850' long and 40' high.

55/ Two earth embankments 2,595', concrete sections 1,384'.

56/ Earth embankment 1,201', concrete section 1,764'.

57/ Not including earth embankment 490'.

58/ Spillway 2,385', retaining section 1,313', headworks 950'.

59/ Spillway 520', retaining section 1,512', powerhouse 511'.

60/ Spillway 4,288', solid gravity abutment section 290'.

61/ 4,650' with earth wings.

62/ Also 3,115' of earth embankment.

63/ 812,995 earth, 296,728 concrete.

64/ 441,000 earth, 495,420 concrete.

65/ Also 10,546 concrete in powerhouse and tailrace.

66/ 3,092,114 earth, 43,444 rock, 27,027 concrete.

67/ 3,856,990 earth, 21,687 rock, 44,166 concrete.

68/ Includes 1,644' concrete dam; 2,631' earth dam; 3,864' N. wing dam;

5,807' South wing dam.

69/ 1,539,000 rock, 570,000 earth.

70/ 6,700,000 earth, 1,000,000 rock, 253,000 concrete.

71/ 1,060,000 earth, 70,000 rock, 10,400 concrete.

72/ Also 1,471' of earth dike extending from left abutment.

73/ 1,635' concrete, 5,030' earth.

74/ 771,000 concrete, 3,550,000 earth.

75/ Central rolled earth core.

76/ 9,455,211 rock, 1,144,220 earth.

77/ 880,000 earth, 467,000 rock.

78/ 1,585,000 earth, 400,000 rock.

79/ 4,183,300 earth, 169,400 rock.

80/ Earth embankment at east end.

81/ 1,250,000 concrete, 9,000,000 earth.

82/ 514,000 concrete, 1,655,000 earth.

UNITED STATES DEPARTMENT OF THE INTERIOR--BUREAU OF RECLAMATION

DAMS IN THE UNITED STATES - RANKED BY HEIGHT

January 1, 1943

10008

Name	State	River	Year Completed	Purpose 1/	Type 3/	Maximum Height (Feet)	Crest Length (Feet)	Volume (Cu. Yds.)	Constructed by
BOULDER 36/	Arizona-Nevada	Colorado	1935	F.C., Irr., P.	Arch-gravity	726	1,244	3,251,137	Bureau of Reclamation.
SHASTA 37/	California	Sacramento	2/	Irr., P.	Straight gravity 43/	602	3,500	6,230,000	Bureau of Reclamation.
GRAND COULEE	Washington	Columbia	1942	F.C., Irr., P.	Straight gravity	550	4,173	9,926,005	Bureau of Reclamation.
Fontana	North Carolina	Little Tennessee	2/	F.C., P.	Straight gravity	450		2,734,000	Tennessee Valley Authority.
ANDERSON RANCH 35/	Idaho	S. Fk. of Poise	2/	Irr., P.	Earth and rock fill	444	1,350	9,600,000	Bureau of Reclamation.
Hetch Hetchy	California	Tuolumne	1923-38	W.S., P.	Arch-gravity	430	800	935,000	City and County of San Francisco.
Stevens (Mud Mountain) 39/	Washington	White	1942	F.C.	Rock fill 41/	425	700	2,109,000	Army Engineers.
OWYHEE	Oregon	Owyhee	1932	Irr.	Arch-gravity	417	833	536,471	Bureau of Reclamation.
Diablo	Washington	Skagit	1931	P.	Constant-radius arch, gravity wings	389	1,180	350,000	City of Seattle
San Gabriel No. 1	California	San Gabriel	1938	F.C.	Rock and earth fill	376	1,520	10,599,430	Los Angeles County Flood Control District.
Pacoima	California	Pacoima	1929	F.C.	Variable-radius arch	373	640	226,140	Los Angeles County Flood Control District.
Pardee	California	Mokelumne	1929	W.S., P.	Arch-gravity	358	1,337	617,700	East Bay Municipal Utility District.
ARROWROCK	Idaho	Boise	1915-37	Irr.	Arch-gravity	354 42/	1,100	603,872	Bureau of Reclamation.
Salt Springs	California	N. Fk. of Mokelumne	1931	P.	Rock fill 20/	345	1,300	3,000,000	Pacific Gas and Electric Co.
Exchequer	California	Merced	1926	Irr., P.	Arch-gravity	330	960	350,000	Merced Irrigation District.
SHOSHONE	Wyoming	Shoshone	1910	Irr., P.	Constant-radius arch	328	200	78,576	Bureau of Reclamation.
Morris	California	San Gabriel	1934	W.S.	Straight gravity	325	756	480,860	City of Pasadena.
PARKER	Ariz.-Calif.	Colorado	1938	W.S., P.	Variable-radius arch	320 4/	856	290,640	Bureau of Reclamation.
FRIANT	California	San Joaquin	1942	Irr.	Straight gravity	320	3,430	2,045,860	Bureau of Reclamation.
Ariel	Washington	Lewis	1931	P.	Gravity and variable-radius arch	313 32/	1,250	307,000	Inland Power and Light Co.
Hiwassee	Tennessee	Hiwassee	1940	F.C., P.	Straight gravity	308	1,287	775,643	Tennessee Valley Authority.
Kensico	New York	Bronx	1916	W.S.	Straight gravity 5/	307	1,843	900,000	City of New York.
Ross	Washington	Skagit		P.	Variable-radius arch	305		310,000	City of Seattle.
HORSE MESA 25/	Arizona	Salt	1927	P.	Variable-radius arch	305	784	145,000	Bureau of Reclamation.
ELEPHANT BUTTE	New Mexico	Rio Grande	1916	Irr., P.	Straight gravity	301	1,162	605,200	Bureau of Reclamation.
New Croton (Quaker Bridge)	New York	Croton	1927	W.S.	Straight gravity 6/	297	710 28/	855,000	City of New York.
SEMINOE	Wyoming	North Platte	1938	Irr., P.	Straight gravity	295	525	175,844	Bureau of Reclamation.
San Gabriel No. 2	California	San Gabriel	1935	F.C.	Rock fill 7/	290	800	1,200,000	Los Angeles County Flood Control District.
Don Pedro	California	Tuolumne	1923	Irr.	Arch-gravity	288	1,040	296,552	Turlock Irrigation District.
BARTLETT 40/	Arizona	Verde	1939	Irr.	Multiple arch	287	1,063	182,440	Bureau of Reclamation.
ROOSEVELT	Arizona	Salt	1911	Irr., P.	Arch-gravity	280	723	340,000	Bureau of Reclamation.
Cushman	Washington	N. Fk. of Skokomish	1926	P.	Variable-radius arch	280	1,110	90,000	City of Tacoma.
Morena	California	Cottonwood Cr.	1930	W.S.	Rock fill 33/	279	530	335,000	City of San Diego.
Lake Spaulding	California	South Yuba	1919	P.	Variable-radius arch	275 8/	800	191,772	Pacific Gas and Electric Co.
GREEN MOUNTAIN	Colorado	Blue	2/	Irr., P.	Earth and rock fill	274	1,060	4,450,000	Bureau of Reclamation.
Dix River (Harrodsburg)	Kentucky	Dix	1925	P.	Rock fill 9/	270	910	1,747,000	Kentucky Hydroelectric Co.
El Capitan	California	San Diego	1935	W.S.	Earth and rock fill 10/	270	1,230	2,679,680	City of San Diego.
MARSHALL FORD (Mansfield)	Texas	Colorado	1942	F.C., P., Irr.	Straight gravity 11/	270	2,423 31/	3,579,000	Bureau of Reclamation.
ALCOVA	Wyoming	North Platte	1938	Irr.	Earth and rock fill	265	763	1,600,000	Bureau of Reclamation.
Upper Narrows	California	Yuba	1941	Debris	Arch-gravity	265	1,153	380,000	Army Engineers.
Norris	Tennessee	Clinch	1936	F.C., Nav., P.	Straight gravity	265	1,860	1,015,524	Tennessee Valley Authority.
Cobble Mountain 38/	Massachusetts	Little	1931	W.S., P.	Earth fill 12/	263	730	1,800,000	City of Springfield.
Shannon	Washington	Baker	1926	P.	Semigravity arch	263	450	132,000	Puget Sound Light and Power Co.
Nantahala	North Carolina	Nantahala	1942	P.	Rock fill, earth blanket	260	880	1,829,000	Nantahala Power and Light Co.
Lake Pleasant	Arizona	Aqua Fria	1927	Irr., P.	Multiple arch	256	2,146 30/	98,400	Maricopa Co. Water Conservation Dist. No. 1.
Olive Bridge (Ashokan)	New York	Esopus Cr.	1912	W.S.	Straight gravity 13/	252	1,000 14/	510,000	City of New York.
Fort Peck	Montana	Missouri	1940	F.C., P., Nav.	Earth fill 12/	250	21,578 15/	109,000,000	Army Engineers.
Big Tujunga No. 1	California	Big Tujunga Cr.	1932	F.C.	Variable-radius arch 16/	250	800	108,250	Los Angeles County Flood Control Dist.
Coolidge 29/	Arizona	Gila	1928	Irr., P.	Multiple dome	249	932	204,000	Office of Indian Affairs.
Copco No. 1	California	Klamath	1922	P.	Arch-gravity	247	415	70,312	California-Oregon Power Co.
Long Lake	Washington	Spokane	1915	P.	Straight gravity	247	350 17/	225,000	Washington Water Power Co.
Wolf Creek	Kentucky	Cumberland	2/	F.C., P.	Straight gravity and earth fill	242	5,730	10,250,000	Army Engineers.
Cushman No. 2 (Potlatch)	Washington	N. Fk. of Skokomish	1930	P.	Constant-radius arch	240	500		City of Tacoma.
DEER CREEK	Utah	Provo	1941	Irr.	Earth and rock fill	235	1,256	2,809,800	Bureau of Reclamation.
Big Santa Anita	California	Big Santa Anita Cr.	1927	F.C.	Variable-radius arch	235	612	76,184	Los Angeles County Flood Control Dist.
Conchas	New Mexico	South Canadian	1939	F.C., Irr.	Straight gravity 18/	235	1,250 19/	1,723,000	Army Engineers.
Cheesman	Colorado	South Platte	1904	W.S.	Arch-gravity 21/	232	710	103,000	City of Denver.

Name	State	River	Year Completed	Purpose 1/	Type 2/	Maximum Height (Feet)	Crest Length (Feet)	Volume (Cu. Yds.)	Constructed by
Tygart	West Virginia	Tygart	1938	F.C.	Straight gravity	232	2,369	1,251,550	Army Engineers.
Norfork	Arkansas	North Fork	2/	F.C.	Straight gravity	230	2,624	1,500,000	Army Engineers.
Cheoah	North Carolina	Little Tennessee	1919	P.	Arch-gravity	230	770	200,000	Aluminum Co. of America.
Calderwood	Tennessee	Little Tennessee	1930	P.	Thin-section arch	230	897	280,000	Aluminum Co. of America.
Bouquet Canyon	California	Bouquet Cr.	1934	P.	Earth fill	225	1,950	3,421,300	Dept. of Water and Power, Los Angeles.
MORMON FLAT 25/	Arizona	Salt	1925	P.	Variable-radius arch	224	380	42,980	Bureau of Reclamation.
Madden	Canal Zone	Chagres	1934	F.C., P.	Straight gravity 27/	223	974	636,580	Panama Canal.
Melones	California	Stanislaus	1926	Irr.	Constant-radius arch	222	590	92,913	Oakdale and San Joaquin Irrigation District.
TIETON	Washington	Tieton	1925	Irr.	Earth and rock fill 10/	222	920	2,024,990	Bureau of Reclamation.
Calaveras	California	Calaveras Cr.	1925	W.S.	Earth fill 10/	220	1,200	3,461,000	City of San Francisco.
Salmon River	Idaho	Salmon	1912	Irr.	Constant-radius arch	220	490	729,900	Twin Falls-Salmon River Land and Water Co.
Upper San Leandro	California	San Leandro Cr.	1926	W.S.	Earth fill 23/	220	660	1,248,000	East Bay Municipal Utility District.
Stone Canyon	California	(Stone Canyon)	1924	W.S.	Earth fill 23/	220	567	729,900	City of Los Angeles.
Yadkin (Narrows)	North Carolina	Yadkin	1919	P.	Arch-gravity	217	1,400	451,000	Aluminum Company of America.
PATHFINDER	Wyoming	North Platte	1909	Irr.	Broken-range masonry arch	214	432	60,210	Bureau of Reclamation.
Barrett	California	Cottonwood Cr.	1922	W.S.	Arch-gravity	213	773	139,569	City of San Diego.
Cajalco	California	(Offstream)	1938	W.S.	Earth fill	210	2,170	3,162,585	Metropolitan Water District (Calif.)
LaGrange	Washington	Nisqually	2/	P.	Curved gravity, straight ends	210	710	104,000	City of Tacoma.
Saluda	South Carolina	Saluda	1930	P.	Earth fill 10/	208	7,800	11,000,000	Lexington Water Power Co.
STEWART MOUNTAIN 25/	Arizona	Salt	1930	P.	Variable-radius arch 34/	207	1,260	120,500	Bureau of Reclamation.
Wachusett	Massachusetts	Nashua	1906	W.S.	Straight gravity 24/	207	971	266,663	Metropolitan Water District (Mass.)
San Pablo	California	San Pablo Cr.	1920	W.S.	Earth fill 12/	205	1,250	2,200,000	East Bay Municipal Utility District.
Santeetlah	North Carolina	Tallassee	1928	P.	Variable-radius arch 6/	205	1,150	214,000	Aluminum Company of America.
TAYLOR PARK	Colorado	Taylor	1937	Irr.	Earth fill	204	613	1,107,000	Bureau of Reclamation.
Mulholland	California	(Weid Canyon)	1924	W.S.	Arch-gravity	200	930	173,460	City of Los Angeles.
Ralston Creek	Colorado	Ralston Cr.	1937	W.S.	Earth fill	200	1,150	2,400,000	City of Denver.
Polson	Montana	Flathead	1938	P., Irr.	Arch-gravity	200	350	77,000	Montana Power Co.
Bull Run	Oregon	Bull Run	1929	W.S.	Arch-gravity	200	1,000	230,000	City of Portland.
Glines Canyon	Washington	Elwah	1927	P.	Semigravity arch	200	555	16,630	Crown Zellerbach Corporation.
Lake Arrowhead	California	Little Bear Cr.	1922	P.	Earth fill 12/	200	720	1,500,000	Arrowhead Lake Co.
Merriman	New York	Rondout Cr.	1942	W.S.	Earth fill	200	2,400	7,953,000	Board of Water Supply, New York City.
Davis Bridge	Vermont	Deerfield	1924	P.	Earth fill 10/	200	1,250	1,950,000	New England Power Co.
DAVIS	Ariz.-Nev.	Colorado	2/	P., R.R.	Earth and rock fill	200	1,600	4,230,000	Bureau of Reclamation.

1/ F.C. = Flood Control; P. = Power; Irr. = Irrigation;
W.S. = Water Supply; Nav. = Navigation; R.R. = River Regulation

2/ Under construction.

3/ Concrete, unless otherwise stated.

4/ 85' above river bed.

5/ Upstream face, precast concrete blocks.

6/ Stone masonry facing.

7/ Concrete facing on upstream slope.

8/ Height above stream bed.

9/ Upstream slope has hand-packed rock faced with concrete.

10/ Semihydraulic.

11/ Also earth fill, rock-faced dike.

12/ Hydraulic.

13/ Cyclopean concrete, faced with concrete blocks.

14/ 4,650' with earth wings.

15/ 10,578' main river section; 11,000' dike section on west bank.

16/ Gravity section at each end.

17/ Spillway section.

18/ Earth dikes each end.

19/ Dikes, 5,000'.

20/ Upstream slope paved with 15' layer of placed rock, surfaced with concrete slab.

21/ Granite in portland cement mortar.

22/ Not including 3,115 feet of earth dike.

23/ Part hydraulic.

24/ Rubble masonry.

25/ Constructed by Salt River Valley Water Users' Association.

26/ Two gravity overflow tangents.

27/ Earth embankment at east end.

28/ Not including earth embankment 490'.

29/ Highest multiple-dome dam.

30/ Not including 750' spillway.

31/ Also earth embankment at left abutment 4,910' long, 105' high.

32/ Arch section 313', gravity section 140'.

33/ Concrete core wall.

34/ Gravity section west end, overflow.

35/ Highest earth and rock fill dam.

36/ Highest dam in the world.

37/ Highest dam of the overflow type.

38/ Highest earth-fill dam.

39/ Highest rock-fill dam.

40/ Highest multiple-arch dam.

41/ Central earth-fill core.

42/ Raised from 349' to 354' in 1937

43/ Slightly curved abutment sections. Earth and rock-fill embankment at left end.

HIGHEST IN UNITED STATES

	Feet
BOULDER	726
SHASTA 2/	602
GRAND COULEE	550
ANDERSON RANCH 2/	444
Hetch Hetchy	430
Stevens 2/	425
OWYHEE	417

HIGHEST IN THE WORLD WHEN BUILT

	Feet	Year
SHOSHONE	328	1910
ARROWROCK	349 *	1915
Pacoima	373	1929
Diablo	389	1931
OWYHEE	417	1932
BOULDER	726	1935

* Raised to 354' in 1937