

The System Conservation Pilot Program (SCPP) is a program designed to explore potential solutions in regards to declining water levels in Lakes Mead and Powell, as well as the potential for long-term drought in the Upper Colorado River Basin. The program implements and tests on-the-ground water conservation opportunities which may be helpful in managing ongoing record drought conditions in the Colorado River Basin. The purpose of the program is to explore and learn about the effectiveness of temporary, voluntary and compensated measures that could be used, when needed, to help maintain water levels in Lake Powell at a level necessary for hydroelectric power production and to protect Colorado River compact entitlements.

Table 1: Colorado River System Conservation Pilot Program 2015 Projects

Tributary	State	Type of Project	Total Estimated Consumptive Use Savings (Acre-Foot)	Duration of Project Benefits (Year)	Total Cost
Colorado River - Grand Valley	CO	Full Season Fallow	668	2	\$ 220,440
Yampa River	CO	Partial Season Fallow	188	1	\$ 37,600
Uncompaghre River	CO	Full Season Fallow (Year 1), Alternative Cropping & Partial Season Fallow (Year 2)	75	2	\$ 21,000
Fontenelle Creek	WY	Partial Season Fallow	248	1	\$ 49,600
Cottonwood Creek	WY	Partial Season Fallow	1,202	1	\$ 240,492
Middle Piney Creek	WY	Partial Season Fallow	32	1	\$ 6,313
Middle Piney Creek	WY	Partial Season Fallow	88	1	\$ 17,563
Pine Creek	WY	Partial Season Fallow	74	1	\$ 14,832
Total			2,575		\$ 607,840

NOTE: The amount paid for conservation of water in the future may be significantly different from past projects because of new information and changing priorities.

Table 2: Colorado River System Conservation Pilot Program 2016 Projects

Tributary	State	Type of Project	Total Estimated Consumptive Use Savings (Acre-Foot)	Duration of Project Benefits (Year)	Total Cost
San Juan River	NM	Outdoor Municipal	39	20	\$ 7,391
Animas River and San Juan River	NM	Full Season Fallow	152	1	\$ 30,366
Surface Creek	CO	Partial Season Fallow with delayed storage component	125	1	\$ 31,250
Uncompaghre River	CO	Alternative Cropping & Partial Season Fallow	102	1	\$ 20,300
Uncompaghre River	CO	Partial Season Fallow	60	3	\$ 12,000
Uncompaghre River	CO	Partial Season Fallow	72	3	\$ 14,400
East River	CO	Partial Season Fallow	98	1	\$ 19,674
Tomichi Creek	CO	Partial Season Fallow	100	1	\$ 20,000
Milk Creek	CO	Part Season Following	84	1	\$ 16,760
Little Cimarron River	CO	Partial Season Fallow	170	1	\$ 27,375
South Fork Eagle River	CO	Municipal/Partial Season Fallow	200	1	\$ 134,132
Fontenelle Creek	WY	Partial Season Fallow	466	1	\$ 93,200
Pine Creek	WY	Partial Season Fallow	70	1	\$ 14,000
Black's Fork River	WY	Partial Season Fallow	105	1	\$ 21,000
Ham's Fork River	WY	Partial Season Fallow	395	1	\$ 79,000
South Fork Horse Creek	WY	Partial Season Fallow	1,226	1	\$ 245,200
South Cottonwood Creek	WY	Partial Season Fallow	1,143	1	\$ 228,600
Middle Piney Creek	WY	Partial Season Fallow	1,135	1	\$ 227,000
Middle Piney Creek	WY	Partial Season Fallow	178	1	\$ 35,600
Cottonwood Creek	WY	Partial Season Fallow	482	1	\$ 96,400
Ferron Creek	UT	Alternative Cropping & Partial Season Fallow	898	3	\$ 255,876
Total:			7299		\$ 1,629,524

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Table 3: Colorado River System Conservation Pilot Program Proposed 2017 Projects

Tributary	State	Type of Project	Total Estimated Consumptive Use Savings (Acre-Foot)	Duration of Project Benefits (Year)	Total Cost
San Juan River & Animas River	NM	Combo of Fallow & Split Season Deficit Irrigation	298	1	\$ 56,679
San Juan River & Animas River	NM	Fallow	95	1	\$ 18,103
San Juan River	NM	Alternative Cropping and Deficit Irrigation	2901	1	\$ 635,242
Price River	UT	Alternative Cropping & Deficit Irrigation	58	1	\$ 10,992
Price River	UT	Fallow	923	1	\$ 175,332
Price River	UT	Combo of Fallow & Split Season Deficit Irrigation	311	1	\$ 59,157
Price River	UT	Fallow	372	1	\$ 70,674
Price River	UT	Split Season Deficit Irrigation	228	1	\$ 43,341
Price River	UT	Fallow	67	1	\$ 12,674
Fontenelle Creek	WY	Split Season Deficit Irrigation	407	1	\$ 77,330
Fontenelle Creek	WY	Split Season Deficit Irrigation	540	1	\$ 102,600
Fontenelle Creek	WY	Split Season Deficit Irrigation	714	1	\$ 135,660
Fontenelle Creek	WY	Split Season Deficit Irrigation	1,083	1	\$ 205,770
Colorado River	CO	Combo of Fallow & Split Season Deficit Irrigation	3,178	1	\$ 525,000
Multiple Sources	CO	Multiple Water User Fallowing/Deficit Irrigation	Variable	1	\$ 36,930
Colorado River	CO	Alternative Cropping and Deficit Irrigation	334	1	\$ 110,220
Total:			11,509		\$ 2,275,704

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