

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.

The following tables list the projects that were selected, the estimated total consumptive use savings, and the total cost of the project for each respective year.

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	1,002	2	\$ 330,660
Yampa River	CO	Split Season Deficit Irrigation	188	1	\$ 37,600
Uncompaghre River	CO	Full Season Fallow (2015) and Alternative Cropping & Deficit Irrigation (2016)	75	2	\$ 21,000
Various Tributaries on Colorado's West Slope	CO	Combination of Fallow & Split Season Deficit Irrigation	118	2	\$ 36,501
South Fork Eagle River	CO	Municipal	200	1	\$ 134,132
Fontenelle Creek	WY	Split Season Deficit Irrigation	248	1	\$ 49,600
Cottonwood Creek	WY	Split Season Deficit Irrigation	1,202	1	\$ 240,492
Middle Piney Creek	WY	Split Season Deficit Irrigation	32	1	\$ 6,313
Middle Piney Creek	WY	Split Season Deficit Irrigation	88	1	\$ 17,563
Pine Creek	WY	Split Season Deficit Irrigation	74	1	\$ 14,832
Total			3,227		\$ 888,693

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	Municipal (Outdoor)	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 & Deficit Irrigation	96	1	\$ 19,250
Uncompaghre River	CO	Alternative Cropping and Deficit Irrigation	60	3	\$ 12,000
Uncompaghre River	CO	Alternative Cropping and Deficit Irrigation	72	3	\$ 14,400
East River	CO	Split Season Deficit Irrigation	98	1	\$ 19,674
Tomichi Creek	CO	Split Season Deficit Irrigation	100	1	\$ 20,000
Milk Creek	CO	Split Season Deficit Irrigation	84	1	\$ 16,760
Little Cimarron River	CO	Split Season Deficit Irrigation	170	1	\$ 27,375
Ferron Creek	UT	Alternative Cropping & Partial Season Fallow	1279	3	\$ 255,876
Fontenelle Creek	WY	Split Season Deficit Irrigation	466	1	\$ 93,200
Pine Creek	WY	Split Season Deficit Irrigation	70	1	\$ 14,000
Black's Fork River	WY	Split Season Deficit Irrigation	105	1	\$ 21,000
Ham's Fork River	WY	Split Season Deficit Irrigation	395	1	\$ 79,000
South Fork Horse Creek	WY	Split Season Deficit Irrigation	1,226	1	\$ 245,200
South Cottonwood Creek	WY	Split Season Deficit Irrigation	1,143	1	\$ 228,600
Middle Piney Creek	WY	Split Season Deficit Irrigation	1,135	1	\$ 227,000
Middle Piney Creek	WY	Split Season Deficit Irrigation	178	1	\$ 35,600
Cottonwood Creek	WY	Split Season Deficit Irrigation	482	1	\$ 96,400
Total:			7475		\$ 1,494,342

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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	Full Season Fallow	95	1	\$ 18,103
San Juan River	NM	Full Season Fallow	2901	1	\$ 635,242
Price River	UT	Alternative Cropping & Deficit Irrigation	58	1	\$ 10,992
Price River	UT	Full Season Fallow	923	1	\$ 175,332
Price River	UT	Combo of Fallow & Split Season Deficit Irrigation	311	1	\$ 59,157
Price River	UT	Full Season Fallow	372	1	\$ 70,674
Price River	UT	Split Season Deficit Irrigation	228	1	\$ 43,341
Price River	UT	Full Season Fallow	67	1	\$ 12,675
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
Colorado River & Fraser River	CO	Full Season Fallow	233	1	\$ 44,300
Total:			11,408		\$ 2,172,855

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