

Preliminary Surface Storage Options (organized by major watershed)		DRAFT 31-Jul-02		Upper San Joaquin River Basin Storage Investigation	
Site	Type of Option	Option	New Storage (TAF)	Additional Major Features	Information Source
Merced River					
Montgomery Reservoir	New Reservoir	101 ft high, 2.2 mi long main dam	240	8 saddle dams	USBR (1960), FWUA/NRDC (2000)
San Joaquin River					
Friant Dam	Reservoir Enlargement	20 ft dam raise	105	3000 ft dike, spillway modifications	FWUA/NRDC (2000)
		60 ft dam raise			8500 ft dike, spillway modifications
		140 ft dam raise	700		CALFED (1999)
Fine Gold Creek	New Reservoir	220-260 ft high dam	50-80	400MW reversible pump/turbines	FWUA/NRDC (2000), MID
		400 ft high dam	350		FWUA/NRDC (2000), MID
Temperance Flat	New Reservoir	at River Mile 274			
		at River Mile 279	500-1000		USBR (2002)
		at River Mile 280			
Kerckhoff Reservoir	Reservoir Enlargement	new dam below existing dam			
Mammoth Pool	Reservoir Enlargement	new spillway gates	35		FWUA/NRDC (2000)
Big Dry Creek					
"Big" Dry Creek Reservoir	Existing Reservoir	new conveyance facilities	10	new turnout from Friant-Kern Canal	FWUA/NRDC (2000)
Kings River					
Pine Flat	Reservoir Enlargement	7 ft pool raise	45		FWUA/NRDC (2000)
		15 ft pool raise	93		USACE (1989)
		20 ft pool raise	124	flood protection for u/s power plant	USACE (1989)
Mill Creek	New Reservoir	240 ft dam	205	5000 ft diversion tunnel, spillway, outlet works	IECO (1974)
		500 ft dam	1000	7200 ft diversion tunnel, spillway, outlet works	FWUA/NRDC (2000)
Rodgers Crossing	New Reservoir	400 ft high, 1700 ft long dam	295	gated spillway	IECO (1974)
		660 ft high dam	950	spillway and outlet works	FWUA/NRDC (2000)
Dinkey Creek	New Reservoir	340 ft high, 1600 ft long dam	90	spillway, second diversion dam, 2 power plants, 46,000 ft diversion tunnels, penstocks, surge tanks	IECO (1974)
		395 ft high dam	200	spillway, outlet works	FWUA/NRDC (2000)
Kaweah River					
Terminus Dam	Reservoir Enlargement	21 ft pool raise (fusegate installation commenced)	43		USACE (1990)
		106 ft dam raise	100		FWUA/NRDC (2000)
		206 ft dam raise	450		FWUA/NRDC (2000)
		306 ft dam raise	1000		FWUA/NRDC (2000)
Dry Creek (north)	New Reservoir	200 ft high, 3200 ft long dam	70	7600 ft diversion tunnel	USACE (1990)
Yokohl Creek	New Reservoir	260 ft high dam	450	2 saddle dams	USBR (1975)
		320 ft high dam	970	8 mi diversion tunnel	FWUA/NRDC (2000)
Tule River					
Success Dam	Reservoir Enlargement	10 ft spillway raise	28		FWUA/NRDC (2000)
Hungry Hollow	New Reservoir	267 ft high dam	850	spillway, outlet works, relief wells	USBR (1961), FWUA/NRDC (2000)