

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report Summary

Date: 5/9/2023

Time: 6:45:00 AM

Santa Ana River		Flow Rate (cfs)
A5	Total SAR Inflows	312.0
N2	Total SAR Deliveries	312.0
A1	SAR PH#3 Penstock (calc)	0.0
B1	BVMWC Highline	1.6
C1	Greenspot Pipeline	0.0
L2	SBVWCD Parshall Flume	103.0
G2	North Fork Canal Weir	2.7
H2	Edwards Canal	0.0
W1	Redlands Aqueduct (calc)	14.7
z2	Cuttle Weir to River	190.0

State Water Project		Flow Rate (cfs)
G	Total SWP Inflows	8.3
V	Total SWP Deliveries	8.3
J	Northfork Canal	3.1
L	Redlands Aqueduct	0.0
M	Crafton Unger Lane	0.0
T	Newport to BVMWC	0.0

Mill Creek		Flow Rate (cfs)
D3	Total MC Inflows	80.0
U3	Total MC Deliveries	80.0
K3	Yucaipa Pipeline	0.0
O3	SBVWCD Spreading	0.0
T3	MC #1 Flow (Cooley Hat)	14.0

Reservoir Levels	Feet
Observation at SOD	2212.9
Crafton Reservoir Level (21.3)	16.6
Mentone Reservoir Level	17.2

River Recharge	AF
Estimate SAR Recharge (AF)	49
Estimate Mill Creek Recharge (AF)	17
Estimated Total River Recharge (AF)	66

Location	Type	WY to Date (AF)	Target
Santa Ana River	SAR	31,222	176,000
Santa Ana River to Mill Creek	SAR-MC	1,449	0
Santa Ana River	SWP	234	0
Mill Creek	MC	8,711	106,000
Mill Creek	SWP	1,197	0
Plunge Creek	PLC	2,299	0

Notes: Numbers on the Daily Flow Report are a snapshot of water at a given location at the time of the read, normally very early in the morning.

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SBVWCD Recharge												
Location		Type	Previous Day (AF)			WY To Date (AF)		Target	Calendar Year To Date (AF)		Target	
A4	Santa Ana River	SAR	E4	209.3		I4	31,222.2	176,000	I4	30,734.7	176,000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0.0		O4	1,448.8		O4	1,265.3		
B4	Santa Ana River	SWP	F4	0.0		J4	234.3		J4	234.3		
C4	Mill Creek	MC	G4	130.9		K4	8,711.3	106,000	K4	8,086.5	106,000	
D4	Mill Creek	SWP	H4	0.0		L4	1,196.9		L4	962.6		
	Plunge Creek	PLC		4.0			2,299.3			2,177.8		
SAR Passing Cattle Weir (cfs)		190	Share of Lost SAR Flow			160.77	Estimate SAR flow (cfs)		29	Estimate SAR Recharge (AF)		49
Mill Creek Passing Garnet (cfs)		70	Share of Lost Mill Creek Flow			59	Estimate Mill Creek flow (cfs)		11	Estimate Mill Creek Recharge (AF)		17
Flow in the River Above Alabama		260	Flowing Beyond Alabama			220	Total River Flow (cfs)		40	Total River Recharge (AF)		66