

# Santa Ana River - Mill Creek Cooperative Water Project

## Daily Flow Report Summary

Date: 6/24/2024  
 Time: 7:45:00 AM

Santa Ana River		Flow Rate (cfs)
<b>A5</b>	<b>Total SAR Inflows</b>	75.2
<b>N2</b>	<b>Total SAR Deliveries</b>	75.2
A1	SAR PH#3 Penstock (calc)	0.0
B1	BVMWC Highline	0.0
C1	Greenspot Pipeline	0.0
L2	SBVWCD Parshall Flume	42.6
G2	North Fork Canal Weir	6.8
H2	Edwards Canal	0.7
W1	Redlands Aqueduct (calc)	22.5
v1	PH3 Afterbay Spill Loss to SAR	2.6

Mill Creek		Flow Rate (cfs)
<b>D3</b>	<b>Total MC Inflows</b>	45.2
<b>U3</b>	<b>Total MC Deliveries</b>	45.2
K3	Yucaipa Pipeline	0.0
O3	SBVWCD Spreading	27.0
T3	MC #1 Flow (Cooley Hat)	18.2

Reservoir Levels	Feet
Observation at SOD	2173.5
Crafton Reservoir Level (21.3)	15.0
Mentone Reservoir Level	19.5

State Water Project		Flow Rate (cfs)
<b>G</b>	<b>Total SWP Inflows</b>	61.0
<b>V</b>	<b>Total SWP Deliveries</b>	61.0
J	Northfork Canal	2.1
L	Redlands Aqueduct	0.0
M	Crafton Unger Lane	0.0
T	Newport to BVMWC	0.0

River Recharge	AF
Estimate SAR Recharge (AF)	0
Estimate Mill Creek Recharge (AF)	0
Estimated Total River Recharge (AF)	0

Location	Type	WY to Date (AF)	Target
Santa Ana River	SAR	24,792	176,000
Santa Ana River to Mill Creek	SAR-MC	332	0
Santa Ana River to Mill Creek	SWP	1,696	0
Santa Ana River	SWP	6,310	0
Mill Creek	MC	10,603	106,000
Mill Creek	SWP	9,535	0
Plunge Creek	PLC	1,324	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. Water in the Redlands Sandbox spill is coming from the Redlands Aqueduct.

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### State Water Project

Inflows			Deliveries								
A	BBMWD In-lieu	0.0	H	EVWD City Creek	0.0	M	Crafton Unger Lane	0.0	S	SBCFCD Grove	0.0
B	Muni test at Greenspot Station	0.0	I	Santa Ana Low Turnout	30.0	N	BVMWC Boulliou Box	5.1	T	Newport for BVMWC	0.0
C	Exchange Water	0.0	J	Northfork Canal	2.1	P	SARC West	0.0	U	M/C spreading at Zanja Tate	23.8
D	Purchased Water	7.2	K	Edwards Canal	0.0	Q	Zanja	0.0	W	Tres Lagos	0.0
E	Redlands Aqueduct Leakage	0.0	L	Redlands Aqueduct	0.0	R	Tate Treatment Plant	0.0	V	<b>Total SWP Deliveries</b>	<b>61.0</b>
F	Recharge Project	53.8									
G	<b>Total SWP Inflows</b>	<b>61.0</b>									

### Santa Ana River Inflows

SAR PH #3 Penstock (calc)			BVMWC Highline			SOD Release Subtotal			Total SAR Inflows		
G2	Northfork Canal Weir	6.8	A2	Newport	0.0	D1	BVMWC River PU (USGS)	32.6	A1	SAR PH #3 Penstock (calc)	0.0
H2	Edwards Canal	0.7	D2	Boulliou Box Weir	0.0	E1	Main River Gage (USGS)	42.6	B1	BVMWC Highline	0.0
J2	Tailrace Valve to Parshall Flume	0.0	E2	Boulliou Box to Zanja	0.0	minus			C1	Greenspot Pipeline	0.0
K2	Northfork Parshall Flume	0.0	F2	SBVWCD Mill Creek Spreading	0.0	F1	Greenspot Spill	0.0	D1	BVMWC River PU (USGS)	32.6
V1	PH#3 Afterbay SpillLoss to SAR	2.6	B1	<b>BVMWC Highline</b>	<b>0.0</b>	Z1	<b>SOD Release Subtotal</b>	<b>75.2</b>	E1	Main River Gage (USGS)	42.6
W1	Redlands Aqueduct / Sandbox	23.4							D1a	BV Pick-Up gated	<input type="checkbox"/>
Y1	Redlands Sandbox Spill	0.0							A5	<b>Total SAR Inflows</b>	<b>75.2</b>
D1	BVMWC River PU (USGS)	32.6				w	Observation at SOD	2173.5	<b>Edison Generation</b>		
I1	Redlands Tunnel	0.9	J1	Big Bear Lake Release	0.8	x	SOD Reservoir Elevation (scada)	2173.3	SAR PH#1 Generating	<input type="checkbox"/>	
A1	<b>SAR PH #3 Penstock (calc)</b>	<b>0.0</b>	L1	SCE SAR AVM (SCADA)	0.0	y	Debris Pool Elevation	N/A	SAR PH#3 Generating	<input type="checkbox"/>	
K1	<b>PH3# Penstock (SCADA)</b>	<b>0.0</b>	X1	SAR-MC Spread (Red. Aqueduct)	0.0						

### Santa Ana River Deliveries

Greenspot Pipeline			Tailrace Pipeline			SBVWCD Parshall Flume To Basins			Deliveries			
M1	Redlands sand box	0.0	G2	Northfork Canal Weir	6.8	J2	Tailrace Valve to Parshall Flume	0.0	V1	SAR PH #3 Afterbay Spill	2.6	
N1	BVMWC Highline	0.0	H2	Edwards Canal	0.7	K2	Northfork Parshall Flume	0.0	W1	Redlands Aqueduct / Sandbox	23.4	
O1	Newport for BVMWC	0.0	J2	Tailrace Valve to Parshall Flume	0.0	H1	SBVWCD Diversion	42.6	Y1	Redlands Sandbox Spill	0.0	
P1	SBVWCD Mill Creek Spreading	0.0	K2	Northfork Parshall Flume	0.0	Sedimentation Basin Recharge			0.0	Z2	Cuttle Weir To River	0.0
Q1	Crafton WC Unger Lane	0.0	I2	<b>Tailrace Pipeline</b>	<b>7.5</b>	L2	<b>SBVWCD Parshall Flume</b>	<b>42.6</b>	B1	BVMWC Highline	0.0	
R1	BVMWC Highline to Boulliou	0.0				<b>Parshall Flume (SCADA)</b>			<b>40.7</b>	C1	Greenspot Pipeline	0.0
S1	Tres Lagos	0.0							I2	Tailrace Pipeline	7.5	
T1	Tate Pump Station to Zanja	0.0							L2	SBVWCD Parshall Flume	42.6	
C1	<b>Greenspot Pipeline</b>	<b>0.0</b>							L2	Sedimentation Recharge	0.0	
									minus			
									J2	Tailrace Valve to Parshall Flume	0.0	
									K2	Northfork Parshall Flume	0.0	
									I1	Redlands Tunnel	0.9	
									N2	<b>Total SAR Deliveries</b>	<b>75.2</b>	

### Mill Creek Inflows

Total MC Inflows			Other		
A3	RPU Flow	2.3	E3	M/C #1 Penstock Flow	18.4
B3	M/C #3 Penstock	15.9	F3	Stream Parshall Flume to Yucaipa	0.0
C3	SBVWCD Mill Creek Diversion	27.0	G3	Observation at Garnet	0.0
D3	<b>Total MC Inflows</b>	<b>45.2</b>			

### Mill Creek Deliveries

Yucaipa Pipeline			MC #1 Flow (Cooley Hat)			Total MC Deliveries			Other		
H3	Yucaipa Regional Park	0.0	P3	Tate Inflow	12.4	C3	SBVWCD Mill Creek Diversion	27.0	H3	Mentone Reservoir Level	19.5
J3	Wilson Creek Spreading	0.0	Q3	East Weir to Mill Creek	0.0	T3	Mill Creek #1 Flow (Cooley Hat)	18.2	R3	Boulliou to BVMWC Highline	0.0
K3	<b>Yucaipa Pipeline</b>	<b>0.0</b>	S3	East Weir to Zanja	5.8	U3	<b>Total MC Deliveries</b>	<b>45.2</b>	V3	Zanja West Weir to CWC Canal	2.1
			T3	<b>MC #1 Flow (Cooley Hat)</b>	<b>18.2</b>				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
			N3	<b>Cooley Hat (SCADA)</b>	<b>14.6</b>				Y3	Crafton Reservoir Level (21.3)	15.0

  

SBVWCD MC Spreading		
C3	SBVWCD Mill Creek Diversion	27.0
L3	East Weir Recharge (MC)	0.0
M3	BVHL (SAR)	0.0
X1	SAR-MC Spread (Red. Aqueduct)	0.0
O3	<b>SBVWCD MC Spreading</b>	<b>27.0</b>

### SBVWCD Recharge

Location	Type	Previous Day (AF)		WY To Date (AF)		Target	Calendar Year To Date (AF)		Target
A4	Santa Ana River	E4	279.7	I4	24,791.8	176,000	I4	17,181.4	176,000
M4	Santa Ana Rvr to Mill Creek	N4	0.0	O4	332.4		O4	325.9	
	Santa Ana Rvr to Mill Creek		0.0		1,695.9			286.5	
B4	Santa Ana River	F4	178.5	J4	6,310.2		J4	2,980.2	
C4	Mill Creek	G4	154.7	K4	10,602.8	106,000	K4	10,393.8	106,000
D4	Mill Creek	H4	148.8	L4	9,534.6		L4	<b>3,904.9</b>	
	Plunge Creek		0.0		1,323.6			1,302.0	

  

SAR Passing Cuttle Weir (cfs)	0	Share of Lost SAR Flow	0	Estimate SAR flow (cfs)	0	Estimate SAR Recharge (AF)	0
Mill Creek Passing Garnet (cfs)	0	Share of Lost Mill Creek Flow	0	Estimate Mill Creek flow (cfs)	0	Estimate Mill Creek Recharge (AF)	0
Flow in the River Above Alabama	0	Flowing Beyond Alabama	0	Total River Flow (cfs)	0	Total River Recharge (AF)	0



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## Mill Creek Stations



