

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 3/14/2025
Time: 7:00:00 AM

State Water Project

Inflows			Deliveries								
A	BBMWD In-lieu	4.0	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	0.0	N	BVMWC Boulliou Box	4.0	T	Newport for BVMWC	0.0
C	Exchange Water	0.0	J	Northfork Canal	0.0	P	SARC West	0.0	U	M/C spreading at Zanja Tate	0.0
D	Purchased Water	0.0	K	Edwards Canal	0.0	Q	Zanja	0.0	W	Tres Lagos	0.0
E	Redlands Aqueduct Leakage	0.0	L	Redlands Aqueduct	11.3	R	Tate Treatment Plant	0.0	V	Total SWP Deliveries	15.3
F	Recharge Project	11.3									
G	Total SWP Inflows	15.3									

Santa Ana River Inflows

SAR PH #3 Penstock (calc)		BVMWC Highline		SOD Release Subtotal		Total SAR Inflows					
G2	Northfork Canal Weir	0.0	A2	Newport	0.0	D1	BVMWC River PU (USGS)	1.3	A1	SAR PH #3 Penstock (calc)	0.0
H2	Edwards Canal	0.0	D2	Boullioun Box Weir	0.0	E1	Main River Gage (USGS)	127.3	B1	BVMWC Highline	0.0
J2	Tailrace Valve to Parshall Flume	0.0	E2	Boullioun 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)	1.3
V1	PH#3 Afterbay Spill/Loss to SAR	0.0	B1	BVMWC Highline	0.0	Z1	SOD Release Subtotal	128.6	E1	Main River Gage (USGS)	127.3
W1	Redlands Aqueduct / Sandbox	2.0							D1a	BV Pick-Up gated	-
Y1	Redlands Sandbox Spill	0.0							A5	Total SAR Inflows	128.6
D1	BVMWC River PU (USGS)	1.3									
I1	Redlands Tunnel	0.7									
A1	SAR PH #3 Penstock (calc)	0.0									
K1	PH3# Penstock (SCADA)	0.0									

Other		Edison Generation			
J1	Big Bear Lake Release	0.9	w	Observation at SOD	2235.0
L1	SCE SAR AVM (SCADA)	0.0	x	SOD Reservoir Elevation (scada)	N/A
X1	SAR-MC Spread (Red. Aqueduct)	11.3	y	Debris Pool Elevation	N/A

SAR PH#1 Generating		SAR PH#3 Generating	
		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	0.0	J2	Tailrace Valve to Parshall Flume	0.0	V1	SAR PH #3 Afterbay Spill	0.0
N1	BVMWC Highline	0.0	H2	Edwards Canal	0.0	K2	Northfork Parshall Flume	0.0	W1	Redlands Aqueduct / Sandbox	2.0
O1	Newport for BVMWC	0.0	J2	Tailrace Valve to Parshall Flume	0.0	H1	SBVWCD Diversion	1.3	Y1	Redlands Sandbox Spill	0.0
P1	SBVWCD Mill Creek Spreading	0.0	K2	Northfork Parshall Flume	0.0		minus		Z2	Cuttle Weir To River	126.0
Q1	Crafton WC Unger Lane	0.0	I2	Tailrace Pipeline	0.0				B1	BVMWC Highline	0.0
R1	BVMWC Highline to Boullioun	0.0							C1	Greenspot Pipeline	0.0
S1	Tres Lagos	0.0							I2	Tailrace Pipeline	0.0
T1	Tate Pump Station to Zanja	0.0							L2	SBVWCD Parshall Flume	1.3
C1	Greenspot Pipeline	0.0							L2	Sedimentation Recharge	0.0

Irrigation		Parshall Flume (SCADA)			
D2	Boullioun Box Weir	0.0	L2	SBVWCD Parshall Flume	1.3
R1	BVMWC Highline to Boullioun	0.0		Parshall Flume (SCADA)	0.0
N	BVMWC Boullioun Box	4.0			
	minus				
B2	Gay Overflow	3.1			
C2	Irrigation	0.9			

SAR PH#1 Generating		SAR PH#3 Generating	
		0	
		0	

Mill Creek Inflows

Total MC Inflows		Other			
A3	RPU Flow	0.0	E3	M/C #1 Penstock Flow	0.0
B3	M/C #3 Penstock	0.0	F3	Stream Parshall Flume to Yucaipa	0.0
C3	SBVWCD Mill Creek Diversion	0.0	G3	Observation at Garnet	20.0
D3	Total MC Inflows	0.0			

Mill Creek Deliveries

Yucaipa Pipeline		MC #1 Flow (Cooley Hat)		Total MC Deliveries		Other					
H3	Yucaipa Regional Park	0.0	P3	Tate Inflow	0.0	C3	SBVWCD Mill Creek Diversion	0.0	H3	Mentone Reservoir Level	18.0
J3	Wilson Creek Spreading	0.0	Q3	East Weir to Mill Creek	0.0	T3	Mill Creek #1 Flow (Cooley Hat)	0.0	R3	Boullioun to BVMWC Highline	0.0
K3	Yucaipa Pipeline	0.0	S3	East Weir to Zanja	0.0	U3	Total MC Deliveries	0.0	V3	Zanja West Weir to CWC Canal	0.0
			T3	MC #1 Flow (Cooley Hat)	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
			N3	Cooley Hat (SCADA)	0.0				Y3	Crafton Reservoir Level (21.3)	18.0

SBVWCD MC Spreading		
C3	SBVWCD Mill Creek Diversion	0.0
L3	East Weir Recharge (MC)	0.0
M3	BVHL (SAR)	0.0
X1	SAR-MC Spread (Red. Aqueduct)	11.3
O3	SBVWCD MC Spreading	11.3

SBVWCD Recharge

Location		Type	Previous Day (AF)		WY To Date (AF)		Target	Calendar Year To Date (AF)		Target	
A4	Santa Ana River	SAR	E4	7.3	I4	5,613.7	176,000	I4	2,852.4	176,000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0.0	O4	562.6		O4	527.5		
	Santa Ana Rvr to Mill Creek	SWP		23.8		494.4			494.4		
B4	Santa Ana River	SWP	F4	0.0	J4	12,226.4	1	J4	636.0		
C4	Mill Creek	MC	G4	0.0	K4	1,420.7	106,000	K4	852.6	106,000	
D4	Mill Creek	SWP	H4	0.0	L4	402.9		L4	0.0		
	Plunge Creek	PLC		0.0		416.1			200.7		
	SAR Passing Cuttle Weir (cfs)	126		Share of Lost SAR Flow	108.74		Estimate SAR flow (cfs)	17		Estimate SAR Recharge (AF)	87
	Mill Creek Passing Garnet (cfs)	20		Share of Lost Mill Creek Flow	17		Estimate Mill Creek flow (cfs)	3		Estimate Mill Creek Recharge (AF)	12
	Flow in the River Above Alabama	146		Flowing Beyond Alabama	126		Total River Flow (cfs)	20		Total River Recharge (AF)	99