

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 5/7/2025
Time: 7:00:00 AM

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	20.0	N	BVMWC Boulliou Box	4.2	T	Newport for BVMWC	0.0
C	Exchange Water	4.2	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	0.0	R	Tate Treatment Plant	0.0	V	Total SWP Deliveries	24.2
F	Recharge Project	20.0									
G	Total SWP Inflows	24.2									

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)	10.5	A1	SAR PH #3 Penstock (calc)	0.0
H2	Edwards Canal	0.0	D2	Boulliou Box Weir	0.0	E1	Main River Gage (USGS)	66.6	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)	10.5
V1	PH#3 Afterbay Spill/Loss to SAR	0.0	B1	BVMWC Highline	0.0	Z1	SOD Release Subtotal	77.1	E1	Main River Gage (USGS)	66.6
W1	Redlands Aqueduct / Sandbox	12.5							D1a	BV Pick-Up gated	-
Y1	Redlands Sandbox Spill	0.0							A5	Total SAR Inflows	77.1
minus			Other			w	Observation at SOD	2203.1	Edison Generation		
D1	BVMWC River PU (USGS)	10.5	J1	Big Bear Lake Release	0.8	x	SOD Reservoir Elevation (scada)	N/A	SAR PH#1 Generating	-	
I1	Redlands Tunnel	2.0	L1	SCE SAR AVM (SCADA)	0.0	y	Debris Pool Elevation	N/A	SAR PH#3 Generating	-	
A1	SAR PH #3 Penstock (calc)	0.0	X1	SAR-MC Spread (Red. Aqueduct)	4.2						
K1	PH3# Penstock (SCADA)	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	12.5
O1	Newport for BVMWC	0.0	J2	Tailrace Valve to Parshall Flume	0.0	H1	SBVWCD Diversion	66.6	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	0.0	
Q1	Crafton WC Unger Lane	0.0	I2	Tailrace Pipeline	0.0	L2	Sedimentation Basin Recharge	0.0	B1	BVMWC Highline	0.0
R1	BVMWC Highline to Boulliou	0.0							C1	Greenspot Pipeline	0.0
S1	Tres Lagos	0.0	Irrigation						L2	SBVWCD Parshall Flume	66.6
T1	Tate Pump Station to Zanja	0.0	D2	Boulliou Box Weir	0.0				L2	Sedimentation Recharge	0.0
C1	Greenspot Pipeline	0.0	R1	BVMWC Highline to Boulliou	0.0				minus		
			N	BVMWC Boulliou Box	4.2				J2	Tailrace Valve to Parshall Flume	0.0
			minus						K2	Northfork Parshall Flume	0.0
			B2	Gay Overflow	1.8				I1	Redlands Tunnel	2.0
			C2	Irrigation	2.4				N2	Total SAR Deliveries	77.1

Mill Creek Inflows

Total MC Inflows		Other			
A3	RPU Flow	10.0	E3	M/C #1 Penstock Flow	18.6
B3	M/C #3 Penstock	8.6	F3	Stream Parshall Flume to Yucaipa	0.0
C3	SBVWCD Mill Creek Diversion	2.0	G3	Observation at Garnet	0.0
D3	Total MC Inflows	20.6			

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	2.0	H3	Mentone Reservoir Level	19.3
J3	Wilson Creek Spreading	0.0	Q3	East Weir to Mill Creek	16.0	T3	Mill Creek #1 Flow (Cooley Hat)	18.6	R3	Boulliou to BVMWC Highline	0.0
K3	Yucaipa Pipeline	0.0	S3	East Weir to Zanja	2.6	U3	Total MC Deliveries	20.6	V3	Zanja West Weir to CWC Canal	2.1
			T3	MC #1 Flow (Cooley Hat)	18.6				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
			N3	Cooley Hat (SCADA)	25.7				Y3	Crafton Reservoir Level (21.3)	16.0
SBVWCD MC Spreading											
C3	SBVWCD Mill Creek Diversion	2.0									
L3	East Weir Recharge (MC)	16.0									
M3	BVHL (SAR)	0.0									
X1	SAR-MC Spread (Red. Aqueduct)	4.2									
O3	SBVWCD MC Spreading	22.2									

SBVWCD Recharge

Location		Type	Previous Day (AF)		WY To Date (AF)		Target	Calendar Year To Date (AF)		Target
A4	Santa Ana River	SAR	E4	134.3	I4	12,129.0	176,000	I4	9,367.7	176,000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	8.3	O4	810.1		O4	251.1	
	Santa Ana Rvr to Mill Creek	SWP		0.0		990.8			990.8	
B4	Santa Ana River	SWP	F4	39.7	J4	12,702.4	1	J4	1,112.1	
	Mill Creek	MC	G4	31.7	K4	3,283.3	106,000	K4	2,715.2	106,000
D4	Mill Creek	SWP	H4	0.0	L4	402.9		L4	0.0	
	Plunge Creek	PLC		0.0		565.0			349.6	
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	