

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report Summary

Date: 3/11/2025
 Time: 7:00:00 AM

Santa Ana River		Flow Rate (cfs)
A5	Total SAR Inflows	151.3
N2	Total SAR Deliveries	151.3
A1	SAR PH#3 Penstock (calc)	0.0
B1	BVMWC Highline	0.0
C1	Greenspot Pipeline	0.0
L2	SBVWCD Parshall Flume	5.1
G2	North Fork Canal Weir	0.0
H2	Edwards Canal	0.0
W1	Redlands Aqueduct (calc)	1.2
Z2	Cuttle Weir to River	145.0

Mill Creek		Flow Rate (cfs)
D3	Total MC Inflows	15.0
U3	Total MC Deliveries	15.0
K3	Yucaipa Pipeline	0.0
O3	SBVWCD Spreading	25.0
T3	MC #1 Flow (Cooley Hat)	0.0

State Water Project		Flow Rate (cfs)
G	Total SWP Inflows	16.0
V	Total SWP Deliveries	16.0
J	Northfork Canal	0.0
L	Redlands Aqueduct	12.0
M	Crafton Unger Lane	0.0
T	Newport to BVMWC	0.0

Reservoir Levels	Feet
Observation at SOD	2236.8
Crafton Reservoir Level (21.3)	15.0
Mentone Reservoir Level	18.7

River Recharge	AF
Estimate SAR Recharge (AF)	35
Estimate Mill Creek Recharge (AF)	0
Estimated Total River Recharge (AF)	35

Location	Type	WY to Date (AF)	Target
Santa Ana River	SAR	5,590	176,000
Santa Ana River to Mill Creek	SAR-MC	563	0
Santa Ana River to Mill Creek	SWP	423	0
Santa Ana River	SWP	12,226	1
Mill Creek	MC	1,420	106,000
Mill Creek	SWP	403	0
Plunge Creek	PLC	416	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. *PLUNGE CREEK IS NOW SPREADING IN THE MAIN CHANNEL AS OF 2/13/2025 UNTIL FURTHER NOTICE

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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	12.0	R	Tate Treatment Plant	0.0	V	Total SWP Deliveries	16.0
F	Recharge Project	12.0									
G	Total SWP Inflows	16.0									

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)	1.2	A1	SAR PH #3 Penstock (calc)	0.0
H2	Edwards Canal	0.0	D2	Boulliou Box Weir	0.0	E1	Main River Gage (USGS)	150.1	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)	1.2
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline	0.0	Z1	SOD Release Subtotal	151.3	E1	Main River Gage (USGS)	150.1
W1	Redlands Aqueduct / Sandbox	2.6	Other			w	Observation at SOD	2236.8	D1a	BV Pick-Up gated	<input type="checkbox"/>
Y1	Redlands Sandbox Spill	0.0	J1	Big Bear Lake Release	0.9	x	SOD Reservoir Elevation (scada)	N/A	A5	Total SAR Inflows	151.3
D1	BVMWC River PU (USGS)	1.2	L1	SCE SAR AVM (SCADA)	0.0	y	Debris Pool Elevation	N/A	Edison Generation		
I1	Redlands Tunnel	1.4	X1	SAR-MC Spread (Red. Aqueduct)	12.0				SAR PH#1 Generating	<input type="checkbox"/>	
A1	SAR PH #3 Penstock (calc)	0.0							SAR PH#3 Generating	<input type="checkbox"/>	
K1	PH3# Penstock (SCADA)	0.0									

Santa Ana River Deliveries

Greenspot Pipeline		Tailrace Pipeline		SBVWCD Parshall FlumeTo 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	2.6
O1	Newport for BVMWC	0.0	J2	Tailrace Valve to Parshall Flume	0.0	H1	SBVWCD Diversion	5.1	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	145.0	
Q1	Crafton WC Unger Lane	0.0	I2	Tailrace Pipeline	0.0	minus		B1	BVMWC Highline	0.0	
R1	BVMWC Highline to Boulliou	0.0	Irrigation			L2	SBVWCD Parshall Flume	5.1	C1	Greenspot Pipeline	0.0
S1	Tres Lagos	0.0	D2	Boulliou Box Weir	0.0	Parshall Flume (SCADA)		0.0	I2	Tailrace Pipeline	0.0
T1	Tate Pump Station to Zanja	0.0	R1	BVMWC Highline to Boulliou	0.0				L2	SBVWCD Parshall Flume	5.1
C1	Greenspot Pipeline	0.0	N	BVMWC Boulliou Box	4.0				L2	Sedimentation Recharge	0.0
			minus						minus		
			B2	Gay Overflow	3.0				J2	Tailrace Valve to Parshall Flume	0.0
			C2	Irrigation	1.0				K2	Northfork Parshall Flume	0.0
									I1	Redlands Tunnel	1.4
									N2	Total SAR Deliveries	151.3

Mill Creek Inflows

Total MC Inflows		Other			
A3	RPV 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	15.0	G3	Observation at Garnet	0.0
D3	Total MC Inflows	15.0			

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	15.0	H3	Mentone Reservoir Level	18.7
J3	Wilson Creek Spreading	0.0	Q3	East Weir to Mill Creek	0.0	T3	Mill Creek #1 Flow (Cooley Hat)	0.0	R3	Boulliou to BVMWC Highline	0.0
K3	Yucaipa Pipeline	0.0	S3	East Weir to Zanja	0.0	U3	Total MC Deliveries	15.0	V3	Zanja West Weir to CWC Canal	0.0
SBVWCD MC Spreading			T3	MC #1 Flow (Cooley Hat)	0.0	minus		W3	Mill Creek PH #2,3 Afterbay Spill	0.0	
C3	SBVWCD Mill Creek Diversion	13.0	N3	Cooley Hat (SCADA)	0.0			Y3	Crafton Reservoir Level (21.3)	15.0	
L3	East Weir Recharge (MC)	0.0									
M3	BVHL (SAR)	0.0									
X1	SAR-MC Spread (Red. Aqueduct)	12.0									
O3	SBVWCD MC Spreading	25.0									

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	5,590.1	176,000	I4	2,828.8	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		423.0			423.0		
B4	Santa Ana River	SWP	F4	0.0	J4	12,226.4	1	J4	636.0		
C4	Mill Creek	MC	G4	29.8	K4	1,419.9	106,000	K4	851.8	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)	145		Share of Lost SAR Flow	120		Estimate SAR flow (cfs)	25		Estimate SAR Recharge (AF)	35
	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	145		Flowing Beyond Alabama	120		Total River Flow (cfs)	25		Total River Recharge (AF)	35