

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report Summary

Date: 1/14/2025
 Time: 7:00:00 AM

Santa Ana River		Flow Rate (cfs)
A5	Total SAR Inflows	68.0
N2	Total SAR Deliveries	68.0
A1	SAR PH#3 Penstock (calc)	0.0
B1	BVMWC Highline	0.0
C1	Greenspot Pipeline	0.0
L2	SBVWCD Parshall Flume	45.4
G2	North Fork Canal Weir	6.5
H2	Edwards Canal	0.9
W1	Redlands Aqueduct (calc)	15.2
	Other	0.0

Mill Creek		Flow Rate (cfs)
D3	Total MC Inflows	19.2
U3	Total MC Deliveries	19.2
K3	Yucaipa Pipeline	0.0
O3	SBVWCD Spreading	8.4
T3	MC #1 Flow (Cooley Hat)	18.2

State Water Project		Flow Rate (cfs)
G	Total SWP Inflows	2.3
V	Total SWP Deliveries	2.3
J	Northfork Canal	0.0
L	Redlands Aqueduct	0.0
M	Crafton Unger Lane	0.0
T	Newport to BVMWC	0.0

Reservoir Levels	Feet
Observation at SOD	2224.4
Crafton Reservoir Level (21.3)	18.6
Mentone Reservoir Level	17.5

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	3,551	176,000
Santa Ana River to Mill Creek	SAR-MC	185	0
Santa Ana River to Mill Creek	SWP	0	0
Santa Ana River	SWP	11,744	1
Mill Creek	MC	625	106,000
Mill Creek	SWP	403	0
Plunge Creek	PLC	247	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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State Water Project

Inflows			Deliveries								
A	BBMWD In-lieu	2.3	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 Boullioun Box	2.3	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	0.0	R	Tate Treatment Plant	0.0	V	Total SWP Deliveries	2.3
F	Recharge Project	0.0									
G	Total SWP Inflows	2.3									

Santa Ana River Inflows

SAR PH #3 Penstock (calc)			BVMWC Highline			SOD Release Subtotal			Total SAR Inflows		
G2	Northfork Canal Weir	6.5	A2	Newport	0.0	D1	BVMWC River PU (USGS)	22.6	A1	SAR PH #3 Penstock (calc)	0.0
H2	Edwards Canal	0.9	D2	Boullioun Box Weir	0.0	E1	Main River Gage (USGS)	45.4	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)	22.6
V1	PH#3 Afterbay Spill/Loss to SAR	0.0	B1	BVMWC Highline	0.0	Z1	SOD Release Subtotal	68.0	E1	Main River Gage (USGS)	45.4
W1	Redlands Aqueduct / Sandbox	16.7	Other						D1a	BV Pick-Up gated	<input type="checkbox"/>
Y1	Redlands Sandbox Spill	0.0	J1	Big Bear Lake Release	0.9	w	Observation at SOD	2224.4	A5	Total SAR Inflows	68.0
D1	BVMWC River PU (USGS)	22.6	L1	SCE SAR AVM (SCADA)	0.0	x	SOD Reservoir Elevation (scada)	N/A	Edison Generation		
I1	Redlands Tunnel	1.5	X1	SAR-MC Spread (Red. Aqueduct)	3.4	y	Debris Pool Elevation	N/A	SAR PH#1 Generating	<input type="checkbox"/>	
A1	SAR PH #3 Penstock (calc)	0.0							SAR PH#3 Generating	<input type="checkbox"/>	
K1	PH#3 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	6.5	J2	Tailrace Valve to Parshall Flume	0.0	V1	SAR PH #3 Afterbay Spill	0.0	
N1	BVMWC Highline	0.0	H2	Edwards Canal	0.9	K2	Northfork Parshall Flume	0.0	W1	Redlands Aqueduct / Sandbox	16.7	
O1	Newport for BVMWC	0.0	J2	Tailrace Valve to Parshall Flume	0.0	H1	SBVWCD Diversion	45.4	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	7.4	L2	Sedimentation Basin Recharge	0.0	B1	BVMWC Highline	0.0	
R1	BVMWC Highline to Boullioun	0.0	Irrigation			Parshall Flume (SCADA)			0.0	C1	Greenspot Pipeline	0.0
S1	Tres Lagos	0.0	D2	Boullioun Box Weir	0.0	minus			I2	Tailrace Pipeline	7.4	
T1	Tate Pump Station to Zanja	0.0	R1	BVMWC Highline to Boullioun	0.0	Irrigation			L2	SBVWCD Parshall Flume	45.4	
C1	Greenspot Pipeline	0.0	N	BVMWC Boullioun Box	2.3	minus			L2	Sedimentation Recharge	0.0	
			B2	Gay Overflow	1.8	minus			J2	Tailrace Valve to Parshall Flume	0.0	
			C2	Irrigation	0.5	minus			K2	Northfork Parshall Flume	0.0	
						minus			I1	Redlands Tunnel	1.5	
						minus			N2	Total SAR Deliveries	68.0	

Mill Creek Inflows

Total MC Inflows			Other		
A3	RPU Flow	3.5	E3	M/C #1 Penstock Flow	18.2
B3	M/C #3 Penstock	14.7	F3	Stream Parshall Flume to Yucaipa	0.0
C3	SBVWCD Mill Creek Diversion	1.0	G3	Observation at Garnet	0.0
D3	Total MC Inflows	19.2			

Mill Creek Deliveries

Yucaipa Pipeline			MC #1 Flow (Cooley Hat)			Total MC Deliveries			Other		
H3	Yucaipa Regional Park	0.0	P3	Tate Inflow	13.0	C3	SBVWCD Mill Creek Diversion	1.0	H3	Mentone Reservoir Level	17.5
J3	Wilson Creek Spreading	0.0	Q3	East Weir to Mill Creek	3.0	T3	Mill Creek #1 Flow (Cooley Hat)	18.2	R3	Boullioun to BVMWC Highline	0.0
K3	Yucaipa Pipeline	0.0	S3	East Weir to Zanja	2.2	U3	Total MC Deliveries	19.2	V3	Zanja West Weir to CWC Canal	0.0
			T3	MC #1 Flow (Cooley Hat)	18.2				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
			N3	Cooley Hat (SCADA)	21.7				Y3	Crafton Reservoir Level (21.3)	18.6

SBVWCD Recharge

Location		Type	Previous Day (AF)		WY To Date (AF)		Target	Calendar Year To Date (AF)		Target	
A4	Santa Ana River	SAR	E4	93.4	I4	3,550.9	176,000	I4	789.6	176,000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	10.2	O4	185.4		O4	154.2		
	Santa Ana Rvr to Mill Creek	SWP		0.0		0.0			0.0		
B4	Santa Ana River	SWP	F4	0.0	J4	11,743.7	1	J4	153.3		
C4	Mill Creek	MC	G4	7.8	K4	624.7	106,000	K4	56.6	106,000	
D4	Mill Creek	SWP	H4	0.0	L4	402.9		L4	0.0		
	Plunge Creek	PLC		2.4		247.0			31.6		
	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