

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 12/9/2024
Time: 7:20:00 AM

State Water Project											
Inflows		Deliveries									
A	BBMWD In-lieu	6.9	H	EVWD City Creek	7.0	M	Crafton Unger Lane	0.0	S	SBCFCD Grove	0.0
B	Muni test at Greenspot Station	0.0	I	Santa Ana Low Turnout	106.0	N	BVMWC Boulliou Box	5.6	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	7.0	K	Edwards Canal	0.0	Q	Zanja	0.0	W	Tres Lagos	1.3
E	Redlands Aqueduct Leakage	0.0	L	Redlands Aqueduct	0.0	R	Tate Treatment Plant	0.0	V	Total SWP Deliveries	119.9
F	Recharge Project	106.0									
G	Total SWP Inflows	119.9									

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)	7.9	A1	SAR PH #3 Penstock (calc)	0.0
H2	Edwards Canal	0.8	D2	Boulliou Box Weir	0.0	E1	Main River Gage (USGS)	43.5	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)	7.9
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline	0.0	Z1	SOD Release Subtotal	51.4	E1	Main River Gage (USGS)	43.5
W1	Redlands Aqueduct / Sandbox	4.0	Other						D1a	BV Pick-Up gated	<input type="checkbox"/>
Y1	Redlands Sandbox Spill	3.9	J1	Big Bear Lake Release	0.9	W	Observation at SOD	2219.2	A5	Total SAR Inflows	51.4
D1	BVMWC River PU (USGS)	7.9	L1	SCE SAR AVM (SCADA)	0.0	X	SOD Reservoir Elevation (scada)	2217.9	Edison Generation		
I1	Redlands Tunnel	0.8	X1	SAR-MC Spread (Red. Aqueduct)	0.0	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	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	0.8	K2	Northfork Parshall Flume	0.0	W1	Redlands Aqueduct / Sandbox	4.0
O1	Newport for BVMWC	0.0	J2	Tailrace Valve to Parshall Flume	0.0	H1	SBVWCD Diversion	43.5	Y1	Redlands Sandbox Spill	3.9
P1	SBVWCD Mill Creek Spreading	0.0	K2	Northfork Parshall Flume	0.0				Z2	Cuttle Weir To River	0.0
Q1	Crafton WC Unger Lane	0.0	I2	Tailrace Pipeline	0.8				B1	BVMWC Highline	0.0
R1	BVMWC Highline to Boulliou	0.0	Irrigation						C1	Greenspot Pipeline	0.0
S1	Tres Lagos	0.0	D2	Boulliou Box Weir	0.0	L2	SBVWCD Parshall Flume	43.5	I2	Tailrace Pipeline	0.8
T1	Tate Pump Station to Zanja	0.0	R1	BVMWC Highline to Boulliou	0.0				L2	SBVWCD Parshall Flume	43.5
C1	Greenspot Pipeline	0.0	N	BVMWC Boulliou Box	5.6				L2	Sedimentation Recharge	0.0
			minus						minus		
			B2	Gay Overflow	3.6				J2	Tailrace Valve to Parshall Flume	0.0
			C2	Irrigation	2.0				K2	Northfork Parshall Flume	0.0
									I1	Redlands Tunnel	0.8
									N2	Total SAR Deliveries	51.4

Mill Creek Inflows					
Total MC Inflows		Other			
A3	RPU Flow	8.2	E3	M/C #1 Penstock Flow	16.7
B3	M/C #3 Penstock	8.5	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	18.7			

Mill Creek Deliveries												
Yucaipa Pipeline		MC #1 Flow (Cooley Hat)		Total MC Deliveries		Other						
H3	Yucaipa Regional Park	0.0	P3	Tate Inflow	12.5	C3	SBVWCD Mill Creek Diversion	2.0	H3	Mentone Reservoir Level	17.4	
J3	Wilson Creek Spreading	0.0	Q3	East Weir to Mill Creek	0.0	T3	Mill Creek #1 Flow (Cooley Hat)	16.7	R3	Boulliou to BVMWC Highline	0.0	
K3	Yucaipa Pipeline	0.0	S3	East Weir to Zanja	4.2	U3	Total MC Deliveries	18.7	V3	Zanja West Weir to CWC Canal	2.3	
			T3	MC #1 Flow (Cooley Hat)	16.7				W3	Mill Creek PH #2,3 Afterbay Spill	0.0	
			N3	Cooley Hat (SCADA)	20.1				Y3	Crafton Reservoir Level (21.3)	18.5	
SBVWCD MC Spreading												
C3	SBVWCD Mill Creek Diversion	2.0										
L3	East Weir Recharge (MC)	0.0										
M3	BVHL (SAR)	0.0										
X1	SAR-MC Spread (Red. Aqueduct)	0.0										
O3	SBVWCD MC Spreading	2.0										

SBVWCD Recharge											
Location		Type	Previous Day (AF)		WY To Date (AF)		Target	Calendar Year To Date (AF)		Target	
A4	Santa Ana River	SAR	E4	247.5	I4	2,492.5	176,000	I4	23,937.3	176,000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0.0	O4	0.0		O4	325.9		
B4	Santa Ana Rvr to Mill Creek	SWP	F4	630.7	J4	6,878.1	1	J4	14,305.1		
C4	Mill Creek	MC	G4	11.9	K4	382.4	106,000	K4	12,445.6	106,000	
D4	Mill Creek	SWP	H4	0.0	L4	402.9		L4	8,476.4		
	Plunge Creek	PLC		6.0		166.9			1,501.9		
	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