

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 7/6/2023
Time: 7:00:00 AM

State Water Project

Inflows			Deliveries								
A	BBMWD In-lieu	2.2	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	2.2	T	Newport for BVMWC	0.0
C	Exchange Water	0.0	J	Northfork Canal	3.1	P	SARC West	0.0	U	M/C spreading at Zanja Tate	0.0
D	Purchased Water	3.1	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	5.3
F	Recharge Project	0.0									
G	Total SWP Inflows	5.3									

Santa Ana River Inflows

SAR PH #3 Penstock (calc)			BVMWC Highline		SOD Release Subtotal		Total SAR Inflows				
G2	Northfork Canal Weir	5.3	A2	Newport	0.0	D1	BVMWC River PU (USGS)	37.0	A1	SAR PH #3 Penstock (calc)	0.0
H2	Edwards Canal	0.0	D2	Boullioun Box Weir	3.0	E1	Main River Gage (USGS)	73.2	B1	BVMWC Highline	3.0
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	4.8	F2	SBVWCD Mill Creek Spreading	0.0	F1	Greenspot Spill	0.0	D1	BVMWC River PU (USGS)	37.0
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline	3.0	Z1	SOD Release Subtotal	110.2	E1	Main River Gage (USGS)	73.2
W1	Redlands Aqueduct / Sandbox	28.0							D1a	BV Pick-Up gated	0.0
Y1	Redlands Sandbox Spill	0.0							A5	Total SAR Inflows	113.2
minus			Other		Observation at SOD		Edison Generation				
D1	BVMWC River PU (USGS)	37.0	J1	Big Bear Lake Release	0.6	w	Observation at SOD	2173.8	SAR PH#1 Generating		0.0
I1	Redlands Tunnel	1.1	L1	SCE SAR AVM (SCADA)	2.6	x	SOD Reservoir Elevation (scada)	2173.6	SAR PH#3 Generating		0.0
A1	SAR PH #3 Penstock (calc)	0.0	X1	SAR-MC Spread (Red. Aqueduct)	0.0	y	Debris Pool Elevation	N/A			
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	5.3	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	4.8	W1	Redlands Aqueduct / Sandbox	28.0
O1	Newport for BVMWC	0.0	J2	Tailrace Valve to Parshall Flume	0.0	H1	SBVWCD Diversion	73.2	Y1	Redlands Sandbox Spill	0.0
P1	SBVWCD Mill Creek Spreading	0.0	K2	Northfork Parshall Flume	4.8	Sedimentation Basin Recharge		0.0	Z2	Cuttle Weir To River	0.0
Q1	Crafton WC Unger Lane	0.0	I2	Tailrace Pipeline	10.1	L2	SBVWCD Parshall Flume	78.0	B1	BVMWC Highline	3.0
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	3.0	minus		I2	Tailrace Pipeline	10.1	
T1	Tate Pump Station to Zanja	0.0	R1	BVMWC Highline to Boullioun	0.0	J2	Tailrace Valve to Parshall Flume	0.0	L2	SBVWCD Parshall Flume	78.0
C1	Greenspot Pipeline	0.0	N	BVMWC Boullioun Box	2.2	K2	Northfork Parshall Flume	4.8	L2	Sedimentation Recharge	0.0
			minus					minus			
			B2	Gay Overflow	3.0	I1	Redlands Tunnel	1.1	Total SAR Deliveries		113.2
			C2	Irrigation	2.2	N2					

Mill Creek Inflows

Total MC Inflows			Other		
A3	RPU Flow	0.0	E3	M/C #1 Penstock Flow	14.2
B3	M/C #3 Penstock	14.2	F3	Stream Parshall Flume to Yucaipa	0.0
C3	SBVWCD Mill Creek Diversion	38.0	G3	Observation at Garnet	0.1
D3	Total MC Inflows	52.2			

Mill Creek Deliveries

Yucaipa Pipeline			MC #1 Flow (Cooley Hat)		Total MC Deliveries		Other				
H3	Yucaipa Regional Park	0.0	P3	Tate Inflow	8.8	C3	SBVWCD Mill Creek Diversion	38.0	H3	Mentone Reservoir Level	17.6
J3	Wilson Creek Spreading	0.0	Q3	East Weir to Mill Creek	0.0	T3	Mill Creek #1 Flow (Cooley Hat)	14.2	R3	Boullioun to BVMWC Highline	0.0
K3	Yucaipa Pipeline	0.0	S3	East Weir to Zanja	5.4	U3	Total MC Deliveries	52.2	V3	Zanja West Weir to CWC Canal	3.0
			T3	MC #1 Flow (Cooley Hat)	14.2				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
			N3	Cooley Hat (SCADA)	15.0				V3	Crafton Reservoir Level (21.3)	16.1
SBVWCD MC Spreading											
C3	SBVWCD Mill Creek Diversion	38.0									
L3	East Weir (MC)	0.0									
M3	BVHL (SAR)	0.0									
X1	SAR-MC Spread (Red. Aqueduct)	0.0									
O3	SBVWCD MC Spreading	38.0									

SBVWCD Recharge

Location		Type	Previous Day (AF)		WY To Date (AF)		Target	Calendar Year To Date (AF)		Target	
A4	Santa Ana River	SAR	E4	156.7	I4	40,133.1	176,000	I4	39,645.5	176,000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	19.6	O4	1,477.3		O4	1,293.8		
B4	Santa Ana River	SWP	F4	0.0	J4	0.0		J4	0.0		
C4	Mill Creek	MC	G4	75.4	K4	15,088.9	106,000	K4	14,464.1	106,000	
D4	Mill Creek	SWP	H4	0.0	L4	1,196.9		L4	1,196.9		
	Plunge Creek	PLC		2.0		2,605.4			2,483.9		
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