

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 5/19/2022
Time: 7:00:00 AM

State Water Project

Inflows			Deliveries								
A	BBMWD In-lieu	2.0	H	EVWD City Creek	6.1	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	2.0	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	6.1	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	8.1
F	Recharge Project	0.0									
G	Total SWP Inflows	8.1									

Santa Ana River Inflows

SAR PH #3 Penstock (calc)			BVMWC Highline			SOD Release Subtotal			Total SAR Inflows		
G2	Northfork Canal Weir	2.0	A2	Newport	0.0	D1	BVMWC River PU (USGS)	13.0	A1	SAR PH #3 Penstock (calc)	15.2
H2	Edwards Canal	0.9	D2	Boullioun Box Weir	2.0	E1	Main River Gage (USGS)	0.2	B1	BVMWC Highline	2.0
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	6.0	F2	SBVWCD Mill Creek Spreading	0.0	F1	Greenspot Spill	0.0	D1	BVMWC River PU (USGS)	13.0
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline	2.0	Z1	SOD Release Subtotal	13.2	E1	Main River Gage (USGS)	0.2
W1	Redlands Aqueduct / Sandbox	19.6							D1a	BV Pick-Up gated	0.0
Y1	Redlands Sandbox Spill	0.0							A5	Total SAR Inflows	30.4
minus			Other			Other			Edison Generation		
	BVMWC River PU (USGS)	13.0	J1	Big Bear Lake Release	0.0	w	Observation at SOD	N/A		SAR PH#1 Generating	0.0
I1	Redlands Tunnel	0.3	L1	SCE SAR AVM (SCADA)	0.0	x	SOD Reservoir Elevation (scada)	0.0		SAR PH#3 Generating	0.0
A1	SAR PH #3 Penstock (calc)	15.2	X1	SAR-MC Spread (Red. Aqueduct)	0.0	y	Debris Pool Elevation	N/A			
K1	PH#3 Penstock (SCADA)	0.0									

Santa Ana River Deliveries

Greenspot Pipeline			Tailrace Pipeline			SBVWCD Parshall Flume To Basins			Deliveries		
M1	SBCFCD Grove	0.0	G2	Northfork Canal Weir	2.0	J2	Tailrace Valve to Parshall Flume	0.0	V1	SAR PH #3 Afterbay Spill	0.0
N1	BVMWC Highline	0.0	H2	Edwards Canal	0.9	K2	Northfork Parshall Flume	6.0	W1	Redlands Aqueduct / Sandbox	19.6
O1	Newport for BVMWC	0.0	J2	Tailrace Valve to Parshall Flume	0.0	H1	SBVWCD Diversion	0.2	Y1	Redlands Sandbox Spill	0.0
P1	SBVWCD Mill Creek Spreading	0.0	K2	Northfork Parshall Flume	6.0	Sedimentation Basin Recharge			Z2	Cuttle Weir To River	0.0
Q1	Crafton WC Unger Lane	0.0	I2	Tailrace Pipeline	8.9	L2	SBVWCD Parshall Flume	6.2	B1	BVMWC Highline	2.0
R1	BVMWC Highline to Boullioun	0.0				Parshall Flume (SCADA)			C1	Greenspot Pipeline	0.0
S1	Crafton WC Boullioun	0.0	Irrigation						I2	Tailrace Pipeline	8.9
T1	Tate Pump Station to Zanja	0.0	D2	Boullioun Box Weir	2.0				L2	SBVWCD Parshall Flume	6.2
C1	Greenspot Pipeline	0.0	N	BVMWC Boullioun Box	2.0				L2	Sedimentation Recharge	0.0
minus			minus			minus			minus		
			B2	Gay Overflow	2.6	J2	Tailrace Valve to Parshall Flume	0.0	K2	Northfork Parshall Flume	6.0
			C2	Irrigation	1.4	I1	Redlands Tunnel	0.3	N2	Total SAR Deliveries	30.4

Mill Creek Inflows

Total MC Inflows			Other		
A3	RPU Flow	2.8	E3	M/C #1 Penstock Flow	14.3
B3	M/C #3 Penstock	11.3	F3	Stream Parshall Flume to Yucaipa	0.0
C3	SBVWCD Mill Creek Diversion	0.2	G3	Observation at Garnet	0.0
D3	Total MC Inflows	14.3			

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	0.2	H3	Mentone Reservoir Level	17.5
J3	Wilson Creek Spreading	0.0	Q3	East Weir to Mill Creek	8.7	T3	Mill Creek #1 Flow (Cooley Hat)	14.1	R3	Boullioun to BVMWC Highline	0.0
K3	Yucaipa Pipeline	0.0	S3	East Weir to Zanja	5.4	U3	Total MC Deliveries	14.3	V3	Zanja West Weir to CWC Canal	1.9
SBVWCD MC Spreading			T3	MC #1 Flow (Cooley Hat)	14.1				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
C3	SBVWCD Mill Creek Diversion	0.2	N3	Cooley Hat (SCADA)	15.7				Y3	Crafton Reservoir Level (21.3)	15.9
L3	East Weir (MC)	8.7									
M3	BVHL (SAR)	0.0									
X1	SAR-MC Spread (Red. Aqueduct)	0.0									
O3	SBVWCD MC Spreading	8.9									

SBVWCD Recharge

Location		Type	Previous Day (AF)		WY To Date (AF)		Target	Calendar Year To Date (AF)		Target	
A4	Santa Ana River	SAR	E4	12.9	I4	6,797.6	176,000	I4	5,921.0	176,000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0.0	O4	256.9		O4	173.2		
B4	Santa Ana River	SWP	F4	0.0	J4	0.0		J4	0.0		
C4	Mill Creek	MC	G4	22.0	K4	1,170.6	106,000	K4	548.6	106,000	
D4	Mill Creek	SWP	H4	0.0	L4	8.7		L4	0.0		
	Plunge Creek	PLC		0.0		851.0			354.5		
	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