

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 5/18/2022
Time: 7:00:00 AM

Inflows			Deliveries								
A	BBMWD In-lieu	2.0	H	EVWD City Creek	6.2	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	6.2	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	8.2
F	Recharge Project	0.0									
G	Total SWP Inflows	8.2									

Santa Ana River Inflows											
SAR PH #3 Penstock (calc)			BVMWC Highline			SOD Release Subtotal			Total SAR Inflows		
G2	Northfork Canal Weir	1.5	A2	Newport	0.0	D1	BVMWC River PU (USGS)	13.6	A1	SAR PH #3 Penstock (calc)	12.9
H2	Edwards Canal	0.9	D2	Boullioun Box Weir	0.0	E1	Main River Gage (USGS)	0.2	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	6.3	F2	SBVWCD Mill Creek Spreading	0.0	F1	Greenspot Spill	0.0	D1	BVMWC River PU (USGS)	13.6
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline	0.0	Z1	SOD Release Subtotal	13.8	E1	Main River Gage (USGS)	0.2
W1	Redlands Aqueduct / Sandbox	18.1	Other			W	Observation at SOD	N/A	D1a	BV Pick-Up gated	0.0
Y1	Redlands Sandbox Spill	0.0	J1	Big Bear Lake Release	0.7	X	SOD Reservoir Elevation (scada)	2145.0	A5	Total SAR Inflows	26.7
minus			L1	SCE SAR AVM (SCADA)	20.2	Y	Debris Pool Elevation	N/A	Edison Generation		
I1	BVMWC River PU (USGS)	13.6	X1	SAR-MC Spread (Red. Aqueduct)	0.0				SAR PH#1 Generating	0.0	
A1	Redlands Tunnel	0.3							SAR PH#3 Generating	0.0	
A1	SAR PH #3 Penstock (calc)	12.9									
K1	PH#3 Penstock (SCADA)	12.8									

Santa Ana River Deliveries											
Greenspot Pipeline			Tailrace Pipeline			SBVWCD Parshall Flume To Basins			Deliveries		
M1	SBCFCD Grove	0.0	G2	Northfork Canal Weir	1.5	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	6.3	W1	Redlands Aqueduct / Sandbox	18.1
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	6.3	Sedimentation Basin Recharge			Z2	Cuttle Weir To River	0.0
Q1	Crafton WC Unger Lane	0.0	I2	Tailrace Pipeline	8.7	L2	SBVWCD Parshall Flume	6.5	B1	BVMWC Highline	0.0
R1	BVMWC Highline to Boullioun	0.0	Irrigation			Parshall Flume (SCADA)			C1	Greenspot Pipeline	0.0
S1	Crafton WC Boullioun	0.0	D2	Boullioun Box Weir	0.0				I2	Tailrace Pipeline	8.7
T1	Tate Pump Station to Zanja	0.0	N	BVMWC Boullioun Box	2.0				L2	SBVWCD Parshall Flume	6.5
C1	Greenspot Pipeline	0.0	minus						L2	Sedimentation Recharge	0.0
			B2	Gay Overflow	1.1				minus		
			C2	Irrigation	0.9				J2	Tailrace Valve to Parshall Flume	0.0
									K2	Northfork Parshall Flume	6.3
									I1	Redlands Tunnel	0.3
									N2	Total SAR Deliveries	26.7

Mill Creek Inflows					
Total MC Inflows		Other			
A3	RPU Flow	5.3	E3	M/C #1 Penstock Flow	16.4
B3	M/C #3 Penstock	11.1	F3	Stream Parshall Flume to Yucaipa	0.0
C3	SBVWCD Mill Creek Diversion	0.0	G3	Observation at Garnet	0.0
D3	Total MC Inflows	16.4			

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	0.0	H3	Mentone Reservoir Level	17.1
J3	Wilson Creek Spreading	0.0	Q3	East Weir to Mill Creek	11.1	T3	Mill Creek #1 Flow (Cooley Hat)	16.4	R3	Boullioun to BVMWC Highline	0.0
K3	Yucaipa Pipeline	0.0	S3	East Weir to Zanja	5.3	U3	Total MC Deliveries	16.4	V3	Zanja West Weir to CWC Canal	2.6
			T3	MC #1 Flow (Cooley Hat)	16.4				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
			N3	Cooley Hat (SCADA)	16.2				Y3	Crafton Reservoir Level (21.3)	16.3
SBVWCD MC Spreading											
C3	SBVWCD Mill Creek Diversion	0.0									
L3	East Weir (MC)	11.1									
M3	BVHL (SAR)	0.0									
X1	SAR-MC Spread (Red. Aqueduct)	0.0									
O3	SBVWCD MC Spreading	11.1									

SBVWCD Recharge															
Location		Type		Previous Day (AF)				WY To Date (AF)		Target		Calendar Year To Date (AF)		Target	
A4	Santa Ana River		SAR	E4	12.3			I4	6,784.7		176,000	I4	5,908.1		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	13.1			K4	1,148.6		106,000	K4	526.6		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)				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	