

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 6/23/2017
Time: 7:00:00 AM

State Water Project											
Inflows		Deliveries									
A	BBMWD In-lieu	5.9	H	EVWD Treatment Plant	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	60.2	N	BVMWC Boulliou Box	0.0	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	19.9
D	Purchased Water	80.1	K	Edwards Canal	0.0	Q	Zanja	0.0	W	Tres Lagos	0.0
E	Redlands Aqueduct Leakage	0.0	L	Redlands Aqueduct	5.9	R	Tate Treatment Plant	0.0	V	Total SWP Deliveries	86.0
F	Recharge Project	0.0									
G	Total SWP Inflows	86.0									

Santa Ana River Inflows											
SAR PH #3 Penstock (calc)			BVMWC Highline			SOD Release Subtotal			Total SAR Inflows		
G2	Northfork Canal Weir	9.9	A2	Newport	0.0	D1	BVMWC River PU (USGS)	2.3	A1	SAR PH #3 Penstock (calc)	21.7
H2	Edwards Canal	0.0	D2	Boulliou Box Weir	5.7	E1	Main River Gage (USGS)	0.0	B1	BVMWC Highline	5.7
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	0.1	D1	BVMWC River PU (USGS)	2.3
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline	5.7	Z1	SOD Release Subtotal	2.2	E1	Main River Gage (USGS)	0.0
W1	Redlands Aqueduct / Sandbox	14.4	Other			Irrigation			D1a	BV Pick-Up gated	<input type="checkbox"/>
Y1	Redlands Sandbox Spill	0.0	J1	Big Bear Lake Release	0.8	w	Observation at SOD	N/A	A5	Total SAR Inflows	29.7
minus			L1	SCE SAR AVM (SCADA)	30.6	x	SOD Reservoir Elevation (scada)	N/A	Edison Generation		
D1	BVMWC River PU (USGS)	2.3	X1	SAR-MC Spread (Red. Aqueduct)	0.0	y	Debris Pool Elevation	N/A	SAR PH#1 Generating	<input checked="" type="checkbox"/>	
I1	Redlands Tunnel	0.3							SAR PH#3 Generating	<input checked="" type="checkbox"/>	
A1	SAR PH #3 Penstock (calc)	21.7									
K1	PH3# Penstock (SCADA)	23.4									

Santa Ana River Deliveries											
Greenspot Pipeline			Tailrace Pipeline			SBVWCD Parshall Flume To Basins			Deliveries		
M1	SBCFCD Grove	0.0	G2	Northfork Canal Weir	9.9	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	0.0	W1	Redlands Aqueduct / Sandbox	14.4
O1	Newport for BVMWC	0.0	J2	Tailrace Valve to Parshall Flume	0.0	H1	SBVWCD Diversion	0.0	Y1	Redlands Sandbox Spill	0.0
P1	SBVWCD Mill Creek Spreading	0.0	K2	Northfork Parshall Flume	0.0	L2	SBVWCD Parshall Flume	0.0	Z2	Cuttle Weir To River	0.0
Q1	Crafton WC Unger Lane	0.0	I2	Tailrace Pipeline	9.9	B1	Parshall Flume (SCADA)	0.0	B1	BVMWC Highline	5.7
R1	BVMWC Highline to Boulliou	0.0	Irrigation			minus			C1	Greenspot Pipeline	0.0
S1	Crafton WC Boulliou	0.0	D2	Boulliou Box Weir	5.7	minus			I2	Tailrace Pipeline	9.9
T1	Tate Pump Station to Zanja	0.0	Irrigation			minus			L2	SBVWCD Parshall Flume	0.0
C1	Greenspot Pipeline	0.0	B2	Gay Overflow	1.7	Irrigation			J2	Tailrace Valve to Parshall Flume	0.0
			C2		4.0	Irrigation			K2	Northfork Parshall Flume	0.0
						Irrigation			I1	Redlands Tunnel	0.3
						Irrigation			N2	Total SAR Deliveries	29.7

Mill Creek Inflows					
Total MC Inflows		Other			
A3	RPU Flow	6.0	E3	M/C #1 Penstock Flow	22.3
B3	M/C #3 Penstock	16.3	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	22.3			

Mill Creek Deliveries											
Yucaipa Pipeline			MC #1 Flow (Cooley Hat)			Total MC Deliveries			Other		
I3	Yucaipa Regional Park	0.0	P3	Tate Inflow	17.4	C3	SBVWCD Mill Creek Diversion	0.0	H3	Mentone Reservoir Level	19.1
J3	Wilson Creek Spreading	0.0	Q3	East Weir to Mill Creek	0.0	T3	Mill Creek #1 Flow (Cooley Hat)	22.3	R3	Boulliou to BVMWC Highline	0.0
K3	Yucaipa Pipeline	0.0	S3	East Weir to Zanja	5.9	W3	Mill Creek PH #2,3 Afterbay Spill	0.0	V3	Zanja West Weir to CWC Canal	5.9
			T3	MC #1 Flow (Cooley Hat)	23.3	U3	Total MC Deliveries	22.3	W3	Mill Creek PH #2,3 Afterbay Spill	0.0

SBVWCD MC Spreading		
C3	SBVWCD Mill Creek Diversion	0.0
L3	East Weir (MC)	0.0
M3	BVHL (SAR)	0.0
W3	Mill Creek PH #2,3 Afterbay Spill	0.0
X1	SAR-MC Spread (Red. Aqueduct)	0.0
O3	SBVWCD MC Spreading	0.0

SBVWCD Recharge																
Location		Type		Previous Day (AF)			WY To Date (AF)			Target		Calendar Year To Date (AF)			Target	
A4	Santa Ana River		SAR	E4	0.0		I4	19,285.4		166,000		I4	18,283.8		166,000	
M4	Santa Ana Rvr to Mill Creek		SAR-MC	N4	0.0		O4	1,461.7				O4	1,299.1			
B4	Santa Ana River		SWP	F4	120.4		J4	4,781.0				J4	4,781.0			
C4	Mill Creek		MC	G4	0.0		K4	5,230.1		99,700		K4	5,001.5		99,700	
D4	Mill Creek		SWP	H4	20.3		L4					L4				
	Redlands		SWP		0.0			32.9					0.0			
	Loma Linda		SWP		0.0			486.6					1,939.8			
	East Valley		SWP		0.0			6,484.4					2,816.0			
	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		