

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report Summary

Date: 6/15/2016

Time: 6:45:00 AM

Santa Ana River		Flow Rate (cfs)
A5	Total SAR Inflows	14.3
N2	Total SAR Deliveries	14.3
A1	SAR PH#3 Penstock (calc)	6.5
B1	BVMWC Highline	4.5
C1	Greenspot Pipeline	0.0
L2	SBVMWD Parshall Flume	0.0
G2	North Fork Canal Weir	0.0
H2	Edwards Canal	0.0
W1	Redlands Aqueduct (calc)	9.8
	Other	0.0

State Water Project		Flow Rate (cfs)
G	Total SWP Inflows	28.2
V	Total SWP Deliveries	28.2
J	Northfork Canal	9.5
L	Redlands Aqueduct	7.8
M	Crafton Unger Lane	5.9
T	Newport to BVMWC	0.0

Mill Creek		Flow Rate (cfs)
D3	Total MC Inflows	11.3
U3	Total MC Deliveries	11.3
K3	Yucaipa Pipeline	0.0
O3	SBVMWD Spreading	0.0
T3	MC #1 Flow (Cooley Hat)	11.3

Reservoir Levels	Feet
Observation at SOD	N/A
Crafton Reservoir Level (21.3)	17.5
Mentone Reservoir Level	20.4

River Recharge	AF
Estimate SAR Recharge	0.0
Estimate Mill Creek Recharge	0.0
Total River Recharge	0.0

Location	Type	WY to Date (AF)	Target
Santa Ana River	SAR	2,619	123,000
Santa Ana River to Mill Creek	SAR-MC	132	0
Santa Ana River	SWP	0	0
Mill Creek	MC	1,040	73,800
Mill Creek	SWP	0	714
SBVMWD	SWP	0	0
EV HQ	SWP	57	0

Notes: Numbers on the Daily Flow Report are a snapshot of water at a given location at the time of the read, normally very early in the morning, and not necessarily what is at that location thruout the day.

Daily Flow Report

Time: 6:45:00 AM

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)	3.3	A1	SAR PH #3 Penstock (calc)	6.5
H2	Edwards Canal	0.0	E2	Boullioun Box Weir	4.5	E1	Main River Gage (USGS)	0.0	B1	BVMWC Highline	4.5
J2	Tailrace Valve to Parshall Flume	0.0	F2	Boullioun 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)	3.3
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline	4.5	Z1	SOD Release Subtotal	3.3	E1	Main River Gage (USGS)	0.0
W1	Redlands Aqueduct / Sandbox	9.9							D1a	BV Pick-Up gated	□
Y1	Redlands Sandbox Spill	0.2	Other			Seven Oaks Dam			A5	Total SAR Inflows	14.3
minus			J1	Big Bear Lake Release	1.0	W	Observation at SOD	N/A			
D1	BVMWC River PU (USGS)	3.3	L1	SCE SAR AVM (SCADA)	11.7	X	SOD Reservoir Elevation (scada)	N/A			
I1	Redlands Tunnel	0.3	X1	SAR-MC Spread (Red. Aqueduct)	0.0	Y	Debris Pool Elevation	0.0			
A1	SAR PH #3 Penstock (calc)	6.5									
K1	PH3# Penstock (SCADA)	5.2									

Mill Creek Inflows															
Total MC Inflows				Other											
A3	RPU Flow		2.9	E3	M/C #1 Penstock Flow		11.3								
B3	M/C #3 Penstock		8.4	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		11.3												
Mill Creek Deliveries															
Yucaipa Pipeline				MC #1 Flow (Cooley Hat)				Total MC Deliveries		Other					
I3	Yucaipa Regional Park		0.0	P3	Tate Inflow		9.7		C3	SBVWCD Mill Creek Diversion	0.0	H3	Mentone Reservoir Level	20.4	
J3	Wilson Creek Spreading		0.0	Q3	East Weir to Mill Creek		0.0		T3	Mill Creek #1 Flow (Cooley Hat)	11.3	R3	Boullioun to BVMWC Highline	0.0	
K3	Yucaipa Pipeline		0.0	S3	East Weir to Zanja		1.6		U3	Total MC Deliveries		11.3	V3	Zanja West Weir to CWC Canal	5.9
				T3	MC #1 Flow (Cooley Hat)		11.3					W3	Mill Creek PH #2,3 Afterbay Spill	0.0	
SBVWCD MC Spreading												Y3	Crafton Reservoir Level (21.3)	17.5	

G3	SBVWCD Mill Creek Diversion	0.0
L3	East Weir (MC)	0.0
M3	BVHL (SAR)	0.0
X1	SAR-MC Spread (Red. Aqueduct)	0.0
G3	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	2,619.3	123,000	J4	2,262.1	123,000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0.0	O4	132.0		O4	132.0		
B4	Santa Ana River	SWP	F4	0.0	J4	0.0		J4	0.0		
C4	Mill Creek	MC	G4	0.0	K4	1,039.9	73,800	K4	852.7	73,800	
D4	Mill Creek	SWP	H4	0.0	L4	0.0	714	L4	0	714	
SBVMWD		SWP									
EV HQ		SWP		2.0		57.1			57.1		

SAR Passing Cuttle Weir	0	Share of Lost Flow	0	Estimate SAR Recharge	0
Mill Creek Passing Garnet	0	Share of Lost Flow	0	Estimate Mill Creek Recharge	0
Flow in the River Above Alabama	0	Flowing Beyond Alabama	0	Total River Recharge	0