

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report Summary

Date: 5/24/2016

Time: 6:45:00 AM

Santa Ana River		Flow Rate (cfs)
A5	Total SAR Inflows	15.9
N2	Total SAR Deliveries	15.9
A1	SAR PH#3 Penstock (calc)	7.3
B1	BVMWC Highline	5.7
C1	Greenspot Pipeline	0.0
L2	SBVMWD Parshall Flume	0.0
G2	North Fork Canal Weir	4.3
H2	Edwards Canal	0.6
W1	Redlands Aqueduct (calc)	5.3
	Other	0.0

State Water Project		Flow Rate (cfs)
G	Total SWP Inflows	18.7
V	Total SWP Deliveries	18.7
J	Northfork Canal	5.0
L	Redlands Aqueduct	5.9
M	Crafton Unger Lane	3.0
T	Newport to BVMWC	0.6

Mill Creek		Flow Rate (cfs)
D3	Total MC Inflows	13.8
U3	Total MC Deliveries	13.8
K3	Yucaipa Pipeline	0.0
O3	SBVMWD Spreading	0.0
T3	MC #1 Flow (Cooley Hat)	13.8

Reservoir Levels	Feet
Observation at SOD	N/A
Crafton Reservoir Level (21.3)	15.4
Mentone Reservoir Level	20

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	1,036	73,800
Mill Creek	SWP	0	714
SBVMWD	SWP	0	0
WMWD	SWP	14	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.

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 5/24/2016
Time: 6:45:00 AM

State Water Project

Inflows			Deliveries								
A	BBMWD In-lieu	5.9	H	EVWD Treatment Plant	0.0	M	Crafton Unger Lane	3.0	S	SBCFCD Grove	0.0
B	Muni test at Greenspot Station	0.0	I	Santa Ana Low Turnout	0.0	N	BVMWC Boullioun Box	0.0	T	Newport for BVMWC	0.6
C	Exchange Water	0.0	J	Northfork Canal	5.0	P	SARC West	0.0	U	M/C spreading at Zanja Tate	0.0
D	Purchased Water	12.8	K	Edwards Canal	0.0	Q	Zanja	0.0		EV HQ Irrigation	1.0
E	Redlands Aqueduct Leakage	0.0	L	Redlands Aqueduct	5.9	R	Tate Treatment Plant	3.2	V	Total SWP Deliveries 18.7	
F	Recharge Project	0.0									
G	Total SWP Inflows 18.7										

Santa Ana River Inflows

SAR PH #3 Penstock (calc)			BVMWC Highline			SOD Release Subtotal			Total SAR Inflows			
G2	Northfork Canal Weir	4.3	A2	Newport	0.0	D1	BVMWC River PU (USGS)	2.9	A1	SAR PH #3 Penstock (calc)	7.3	
H2	Edwards Canal	0.6	D2	Boullioun 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	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)	2.9	
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline	5.7	Z1	SOD Release Subtotal	2.9	E1	Main River Gage (USGS)	0.0	
W1	Redlands Aqueduct / Sandbox	5.4	Other			Seven Oaks Dam			D1a	BV Pick-Up gated	☐	
Y1	Redlands Sandbox Spill	0.2							A5	Total SAR Inflows		15.9
minus												
D1	BVMWC River PU (USGS)	2.9	J1	Big Bear Lake Release	0.7	W	Observation at SOD	0.0				
I1	Redlands Tunnel	0.3	L1	SCE SAR AVM (SCADA)	17.5	X	SOD Reservoir Elevation (scada)	N/A				
A1	SAR PH #3 Penstock (calc)	7.3	X1	SAR-MC Spread (Red. Aqueduct)	0.0	Y	Debris Pool Elevation	0.0				
K1	PH3# Penstock (SCADA)	9.4										

Santa Ana River Deliveries

Greenspot Pipeline		
M1	SBCFCD Grove	0.0
N1	BVMWC Highline	0.0
O1	Newport for BVMWC	0.0
P1	SBVWCD Mill Creek Spreading	0.0
Q1	Crafton WC Unger Lane	0.0
R1	BVMWC Highline to Boullioun	0.0
S1	Crafton WC Boullioun	0.0
T1	Tate Pump Station to Zanja	0.0
C1	Greenspot Pipeline	0.0

Tailrace Pipeline		
G2	Northfork Canal Weir	4.3
H2	Edwards Canal	0.6
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
I2	Tailrace Pipeline	4.9

SBVWCD Parshall FlumeTo Basins		
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0
L2	SBVWCD Parshall Flume	0.0
	Parshall Flume (SCADA)	0.0

Irrigation		
D2	Boullioun Box Weir	5.7
	minus	
B2	Gay Overflow	3.0
C2	Irrigation	2.7

Deliveries		
V1	SAR PH #3 Afterbay Spill	0.0
W1	Redlands Aqueduct / Sandbox	5.4
Y1	Redlands Sandbox Spill	0.2
Z2	Cuttle Weir To River	0.0
B1	BVMWC Highline	5.7
C1	Greenspot Pipeline	0.0
I2	Tailrace Pipeline	4.9
L2	SBVWCD Parshall Flume	0.0
	minus	
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	0.0
I1	Redlands Tunnel	0.3
N2	Total SAR Deliveries	15.9