

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report Summary

Date: 5/23/2022

Time: 7:00:00 AM

Santa Ana River		Flow Rate (cfs)
A5	Total SAR Inflows	18.4
N2	Total SAR Deliveries	18.4
A1	SAR PH#3 Penstock (calc)	10.2
B1	BVMWC Highline	4.4
C1	Greenspot Pipeline	0.0
L2	SBVWCD Parshall Flume	1.9
G2	North Fork Canal Weir	3.5
H2	Edwards Canal	0.0
W1	Redlands Aqueduct (calc)	8.6
	Other	0.0

Mill Creek		Flow Rate (cfs)
D3	Total MC Inflows	13.8
U3	Total MC Deliveries	13.8
K3	Yucaipa Pipeline	0.0
O3	SBVWCD Spreading	0.3
T3	MC #1 Flow (Cooley Hat)	13.8

Reservoir Levels	Feet
Observation at SOD	N/A
Crafton Reservoir Level (21.3)	17.2
Mentone Reservoir Level	15.3

State Water Project		Flow Rate (cfs)
G	Total SWP Inflows	2.9
V	Total SWP Deliveries	2.9
J	Northfork Canal	0.0
L	Redlands Aqueduct	0.0
M	Crafton Unger Lane	0.0
T	Newport to BVMWC	0.0

River Recharge	AF
Estimate SAR Recharge (AF)	0
Estimate Mill Creek Recharge (AF)	0
Estimated Total River Recharge (AF)	0

Location	Type	WY to Date (AF)	Target
Santa Ana River	SAR	6,832	176,000
Santa Ana River to Mill Creek	SAR-MC	257	0
Santa Ana River	SWP	0	0
Mill Creek	MC	1,207	106,000
Mill Creek	SWP	9	0
Plunge Creek	PLC	851	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 through out the day.

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State Water Project

Inflows			Deliveries		
A	BBMWD In-lieu	0.0	H	EVWD City Creek	2.9
B	Muni test at Greenspot Station	0.0	I	Santa Ana Low Turnout	0.0
C	Exchange Water	0.0	J	Northfork Canal	0.0
D	Purchased Water	2.9	K	Edwards Canal	0.0
E	Redlands Aqueduct Leakage	0.0	L	Redlands Aqueduct	0.0
F	Recharge Project	0.0	M	Crafton Unger Lane	0.0
G	Total SWP Inflows	2.9	N	BVMWC Boullioun Box	0.0
			P	SARC West	0.0
			Q	Zanja	0.0
			R	Tate Treatment Plant	0.0
			S	SBCFCD Grove	0.0
			T	Newport for BVMWC	0.0
			U	M/C spreading at Zanja Tate	0.0
			W	Tres Lagos	0.0
			V	Total SWP Deliveries	2.9

Santa Ana River Inflows

SAR PH #3 Penstock (calc)			BVMWC Highline			SOD Release Subtotal			Total SAR Inflows		
G2	Northfork Canal Weir	3.5	A2	Newport	0.0	D1	BVMWC River PU (USGS)	3.6	A1	SAR PH #3 Penstock (calc)	10.2
H2	Edwards Canal	0.0	D2	Boullioun Box Weir	4.4	E1	Main River Gage (USGS)	0.2	B1	BVMWC Highline	4.4
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	1.7	F2	SBVWCD Mill Creek Spreading	0.0	F1	Greenspot Spill	0.0	D1	BVMWC River PU (USGS)	3.6
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline	4.4	Z1	SOD Release Subtotal	3.8	E1	Main River Gage (USGS)	0.2
W1	Redlands Aqueduct / Sandbox	8.6							D1a	BV Pick-Up gated	☐
Y1	Redlands Sandbox Spill	0.3							A5	Total SAR Inflows	18.4
Minus			Other						Edison Generation		
	BVMWC River PU (USGS)	3.6	J1	Big Bear Lake Release	0.7	W	Observation at SOD	N/A	SAR PH#1 Generating ☐		
I1	Redlands Tunnel	0.3	L1	SCE SAR AVM (SCADA)	15.6	X	SOD Reservoir Elevation (scada)	N/A	SAR PH#3 Generating ☒		
A1	SAR PH #3 Penstock (calc)	10.2	X1	SAR-MC Spread (Red. Aqueduct)	0.0	Y	Debris Pool Elevation	N/A			
K1	PH3# Penstock (SCADA)	11.6									

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	3.5
H2	Edwards Canal	0.0
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	1.7
I2	Tailrace Pipeline	5.2
Irrigation		
D2	Boullioun Box Weir	4.4
N	BVMWC Boullioun Box	0.0
		minus
B2	Gay Overflow	2.5
C2	Irrigation	1.9

SBVWCD Parshall FlumeTo Basins		
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	1.7
H1	SBVWCD Diversion	0.2
	Sedimentation Basin Recharge	0.0
L2	SBVWCD Parshall Flume	1.9
	Parshall Flume (SCADA)	4.5

Deliveries		
V1	SAR PH #3 Afterbay Spill	0.0
W1	Redlands Aqueduct / Sandbox	8.6
Y1	Redlands Sandbox Spill	0.3
Z2	Cuttle Weir To River	0.0
B1	BVMWC Highline	4.4
C1	Greenspot Pipeline	0.0
I2	Tailrace Pipeline	5.2
L2	SBVWCD Parshall Flume	1.9
L2	Sedimentation Recharge	0.0
		minus
J2	Tailrace Valve to Parshall Flume	0.0
K2	Northfork Parshall Flume	1.7
I1	Redlands Tunnel	0.3
N2	Total SAR Deliveries	18.4