

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report Summary

Date: 1/23/2023
 Time: 6:45:00 AM

Santa Ana River		Flow Rate (cfs)
A5	Total SAR Inflows	211.7
N2	Total SAR Deliveries	211.7
A1	SAR PH#3 Penstock (calc)	0.0
B1	BVMWC Highline	0.0
C1	Greenspot Pipeline	0.9
L2	SBVWCD Parshall Flume	192.0
G2	North Fork Canal Weir	0.0
H2	Edwards Canal	0.0
W1	Redlands Aqueduct (calc)	18.8
	Other	0.0

Mill Creek		Flow Rate (cfs)
D3	Total MC Inflows	23.9
U3	Total MC Deliveries	23.9
K3	Yucaipa Pipeline	0.0
O3	SBVWCD Spreading	33.9
T3	MC #1 Flow (Cooley Hat)	21.9

State Water Project		Flow Rate (cfs)
G	Total SWP Inflows	3.2
V	Total SWP Deliveries	3.2
J	Northfork Canal	0.0
L	Redlands Aqueduct	0.0
M	Crafton Unger Lane	0.0
T	Newport to BVMWC	0.0

Reservoir Levels	Feet
Observation at SOD	2243.0
Crafton Reservoir Level (21.3)	17.1
Mentone Reservoir Level	17.6

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	3,923	176,000
Santa Ana River to Mill Creek	SAR-MC	297	0
Santa Ana River	SWP	0	0
Mill Creek	MC	1,131	106,000
Mill Creek	SWP	0	0
Plunge Creek	PLC	1,029	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.

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State Water Project

Inflows			Deliveries								
A	BBMWD In-lieu	0.0	H	EVWD City Creek	3.2	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	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	0.0
D	Purchased Water	3.2	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	3.2
F	Recharge Project	0.0									
G	Total SWP Inflows	3.2									

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)	29.5	A1	SAR PH #3 Penstock (calc)	0.0
H2	Edwards Canal	0.0	D2	Boullioun Box Weir	0.0	E1	Main River Gage (USGS)	181.3	B1	BVMWC Highline	0.0
J2	Tailrace Valve to Parshall Flume	0.0	E2	Boullioun Box to Zanja	0.0	minus			C1	Greenspot Pipeline	0.9
K2	Northfork Parshall Flume	10.7	F2	SBVWCD Mill Creek Spreading	0.0	F1	Greenspot Spill	1.9	D1	BVMWC River PU (USGS)	29.5
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline	0.0	Z1	SOD Release Subtotal	208.9	E1	Main River Gage (USGS)	181.3
W1	Redlands Aqueduct / Sandbox	19.8							D1a	BV Pick-Up gated	<input type="checkbox"/>
Y1	Redlands Sandbox Spill	0.0	Other						A5	Total SAR Inflows	211.7
	Minus		J1	Big Bear Lake Release	0.9	W	Observation at SOD	2243.0			
D1	BVMWC River PU (USGS)	29.5	L1	SCE SAR AVM (SCADA)	0.0	X	SOD Reservoir Elevation (scada)	2243.9	Edison Generation		
I1	Redlands Tunnel	1.0	X1	SAR-MC Spread (Red. Aqueduct)	12.0	Y	Debris Pool Elevation	N/A	SAR PH#1 Generating	<input type="checkbox"/>	
A1	SAR PH #3 Penstock (calc)	0.0							SAR PH#3 Generating	<input type="checkbox"/>	
K1	PH3# Penstock (SCADA)	0.0									

Santa Ana River Deliveries

Greenspot Pipeline			Tailrace Pipeline			SBVWCD Parshall Flume To Basins			Deliveries		
M1	Redlands sand box	0.0	G2	Northfork Canal Weir	0.0	J2	Tailrace Valve to Parshall Flume	0.0	V1	SAR PH #3 Afterbay Spill	0.0
N1	BVMWC Highline	0.9	H2	Edwards Canal	0.0	K2	Northfork Parshall Flume	10.7	W1	Redlands Aqueduct / Sandbox	19.8
O1	Newport for BVMWC	0.0	J2	Tailrace Valve to Parshall Flume	0.0	H1	SBVWCD Diversion	181.3	Y1	Redlands Sandbox Spill	0.0
P1	SBVWCD Mill Creek Spreading	0.0	K2	Northfork Parshall Flume	10.7	Sedimentation Basin Recharge			Z2	Cuttle Weir to River	0.0
Q1	Crafton WC Unger Lane	0.0	I2	Tailrace Pipeline	10.7	L2	SBVWCD Parshall Flume	192.0	B1	BVMWC Highline	0.0
R1	BVMWC Highline to Boullioun	0.0					Parshall Flume (SCADA)	N/A	C1	Greenspot Pipeline	0.9
S1	Tres Lagos	0.0	Irrigation						I2	Tailrace Pipeline	10.7
T1	Tate Pump Station to Zanja	0.0	D2	Boullioun Box Weir	0.0				L2	SBVWCD Parshall Flume	192.0
	Greenspot Pipeline	0.9	R1	BVMWC Highline to Boullioun	0.0				L2	Sedimentation Recharge	0.0
			N	BVMWC Boullioun Box	0.9				minus		
									J2	Tailrace Valve to Parshall Flume	0.0
									K2	Northfork Parshall Flume	10.7
			B2	Gay Overflow	1.4				I1	Redlands Tunnel	1.0
			C2	Irrigation	-0.5				N2	Total SAR Deliveries	211.7

Mill Creek Inflows

Total MC Inflows			Other		
A3	RPU Flow	0.0	E3	M/C #1 Penstock Flow	21.9
B3	M/C #3 Penstock	21.9	F3	Stream Parshall Flume to Yucaipa	0.0
C3	SBVWCD Mill Creek Diversion	2.0	G3	Observation at Garnet	0.0
D3	Total MC Inflows	23.9			

Mill Creek Deliveries

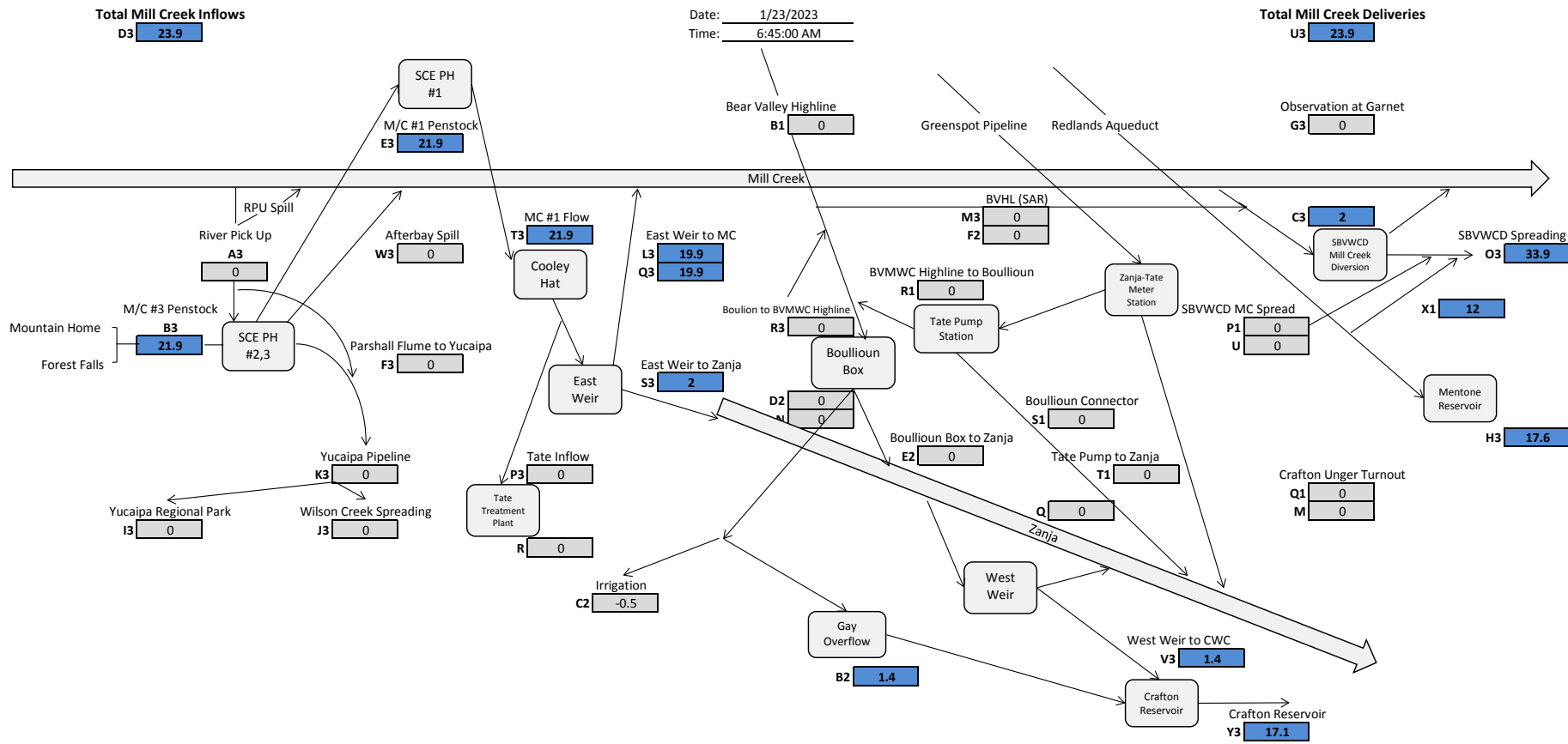
Yucaipa Pipeline			MC #1 Flow (Cooley Hat)			Total MC Deliveries			Other		
H3	Yucaipa Regional Park	0.0	P3	Tate Inflow	0.0	C3	SBVWCD Mill Creek Diversion	2.0	H3	Mentore Reservoir Level	17.6
J3	Wilson Creek Spreading	0.0	Q3	East Weir to Mill Creek	19.9	T3	Mill Creek #1 Flow (Cooley Hat)	21.9	R3	Boullioun to BVMWC Highline	0.0
K3	Yucaipa Pipeline	0.0	S3	East Weir to Zanja	2.0	U3	Total MC Deliveries	23.9	V3	Zanja West Weir to CWC Canal	1.4
			T3	MC #1 Flow (Cooley Hat)	21.9				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
			N3	Cooley Hat (SCADA)	0.0				Y3	Crafton Reservoir Level (21.3)	17.1
SBVWCD MC Spreading											
C3	SBVWCD Mill Creek Diversion	2.0									
L3	East Weir (MC)	19.9									
M3	BVHL (SAR)	0.0									
X1	SAR-MC Spread (Red. Aqueduct)	12.0									
O3	SBVWCD MC Spreading	33.9									

SBVWCD Recharge

Location		Type	Previous Day (AF)		WY To Date (AF)		Target	Calendar Year To Date (AF)		Target
A4	Santa Ana River	SAR	E4	1,160.3	I4	3,923.3	176,000	I4	3,435.8	176,000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	71.4	O4	296.8		O4	605.7	
B4	Santa Ana River	SWP	F4	0.0	J4	0.0		J4	0.0	
C4	Mill Creek	MC	G4	123.0	K4	1,130.6	106,000	K4	505.8	106,000
D4	Mill Creek	SWP	H4	0.0	L4	0.0		L4	0.0	
	Plunge Creek	PLC		41.2		1,029.0			942.6	
SAR Passing Cuttle Weir (cfs)	0		Share of Lost SAR Flow	#DIV/0!	Estimate SAR flow (cfs)	#DIV/0!		Estimate SAR Recharge (AF)	0	
Mill Creek Passing Garnet (cfs)	0		Share of Lost Mill Creek Flow	#DIV/0!	Estimate Mill Creek flow (cfs)	#DIV/0!		Estimate Mill Creek Recharge (AF)	0	
Flow in the River Above Alabama	0		Flowing Beyond Alabama	0	Total River Flow (cfs)	#DIV/0!		Total River Recharge (AF)	0	

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Mill Creek Stations



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Santa Ana Stations

