

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report Summary

Date: 2/27/2018

Time: 6:25:00 AM

Santa Ana River		Flow Rate (cfs)
A5	Total SAR Inflows	5.6
N2	Total SAR Deliveries	5.6
A1	SAR PH#3 Penstock (calc)	0.0
B1	BVMWC Highline	0.0
C1	Greenspot Pipeline	0.0
L2	SBVWCD Parshall Flume	5.6
G2	North Fork Canal Weir	0.0
H2	Edwards Canal	0.0
W1	Redlands Aqueduct (calc)	0.0
	Other	0.0

Mill Creek		Flow Rate (cfs)
D3	Total MC Inflows	14.8
U3	Total MC Deliveries	14.8
K3	Yucaipa Pipeline	0.0
O3	SBVWCD Spreading	2.3
T3	MC #1 Flow (Cooley Hat)	14.8

State Water Project		Flow Rate (cfs)
G	Total SWP Inflows	17.3
V	Total SWP Deliveries	17.3
J	Northfork Canal	4.0
L	Redlands Aqueduct	12.0
M	Crafton Unger Lane	0.0
T	Newport to BVMWC	0.0

Reservoir Levels	Feet
Observation at SOD	N/A
Crafton Reservoir Level (21.3)	19.2
Mentone Reservoir Level	20.4

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	534	166,000
Santa Ana River to Mill Creek	SAR-MC	38	0
Santa Ana River	SWP	6,502	0
Mill Creek	MC	982	99,700
Mill Creek	SWP	1,627	0
Redlands	SWP	0	0
Loma Linda	SWP	0	0
East Valley	SWP	0	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.

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State Water Project					
Inflows		Deliveries			
A	BBMWD In-lieu	13.3	H	EVWD City Creek	0.0
B	Muni test at Greenspot Station	0.0	I	Santa Ana Low Turnout	0.0
C	Exchange Water	0.0	J	Northfork Canal	4.0
D	Purchased Water	4.0	K	Edwards Canal	0.0
E	Redlands Aqueduct Leakage	0.0	L	Redlands Aqueduct	12.0
F	Recharge Project	0.0	M	Crafton Unger Lane	0.0
G	Total SWP Inflows	17.3	N	BVMWC Boulliou 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	1.3
			V	Total SWP Deliveries	17.3

Santa Ana River Inflows					
SAR PH #3 Penstock (calc)		BVMWC Highline		SOD Release Subtotal	
G2	Northfork Canal Weir	0.0	A2	Newport	0.0
H2	Edwards Canal	0.0	D2	Boulliou Box Weir	0.0
J2	Tailrace Valve to Parshall Flume	0.0	E2	Boulliou Box to Zanja	0.0
K2	Northfork Parshall Flume	5.6	F2	SBVWCD Mill Creek Spreading	0.0
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline	0.0
W1	Redlands Aqueduct / Sandbox	0.3	Other		
Y1	Redlands Sandbox Spill	0.0	J1	Big Bear Lake Release	1.2
	minus		L1	SCE SAR AVM (SCADA)	0.0
D1	BVMWC River PU (USGS)	5.6	X1	SAR-MC Spread (Red. Aqueduct)	0.0
I1	Redlands Tunnel	0.3			
A1	SAR PH #3 Penstock (calc)	0.0	W	Observation at SOD	N/A
K1	PH3# Penstock (SCADA)	0.0	X	SOD Reservoir Elevation (scada)	2151.6
			Y	Debris Pool Elevation	N/A
			Irrigation		
			D2	Boulliou Box Weir	0.0
				minus	
			B2	Gay Overflow	0.0
			C2	Irrigation	0.0
			Total SAR Inflows		
			A1	SAR PH #3 Penstock (calc)	0.0
			B1	BVMWC Highline	0.0
			C1	Greenspot Pipeline	0.0
			D1	BVMWC River PU (USGS)	5.6
			E1	Main River Gage (USGS)	0.0
			D1a	BV Pick-Up gated	<input type="checkbox"/>
			A5	Total SAR Inflows	5.6
			Edison Generation		
			SAR PH#1 Generating	<input type="checkbox"/>	
			SAR PH#3 Generating	<input type="checkbox"/>	

Santa Ana River Deliveries					
Greenspot Pipeline		Tailrace Pipeline		SBVWCD Parshall Flume To Basins	
M1	SBCFCD Grove	0.0	G2	Northfork Canal Weir	0.0
N1	BVMWC Highline	0.0	H2	Edwards Canal	0.0
O1	Newport for BVMWC	0.0	J2	Tailrace Valve to Parshall Flume	0.0
P1	SBVWCD Mill Creek Spreading	0.0	K2	Northfork Parshall Flume	5.6
Q1	Crafton WC Unger Lane	0.0	H1	SBVWCD Diversion	0.0
R1	BVMWC Highline to Boulliou	0.0	L2	SBVWCD Parshall Flume	5.6
S1	Crafton WC Boulliou	0.0		Parshall Flume (SCADA)	6.5
T1	Tate Pump Station to Zanja	0.0	Irrigation		
C1	Greenspot Pipeline	0.0	D2	Boulliou Box Weir	0.0
				minus	
			B2	Gay Overflow	0.0
			C2	Irrigation	0.0
			Total SAR Deliveries		
			V1	SAR PH #3 Afterbay Spill	0.0
			W1	Redlands Aqueduct / Sandbox	0.3
			Y1	Redlands Sandbox Spill	0.0
			Z2	Cuttle Weir To River	0.0
			B1	BVMWC Highline	0.0
			C1	Greenspot Pipeline	0.0
			I2	Tailrace Pipeline	5.6
			L2	SBVWCD Parshall Flume	5.6
				minus	
			J2	Tailrace Valve to Parshall Flume	0.0
			K2	Northfork Parshall Flume	5.6
			I1	Redlands Tunnel	0.3
			N2	Total SAR Deliveries	5.6

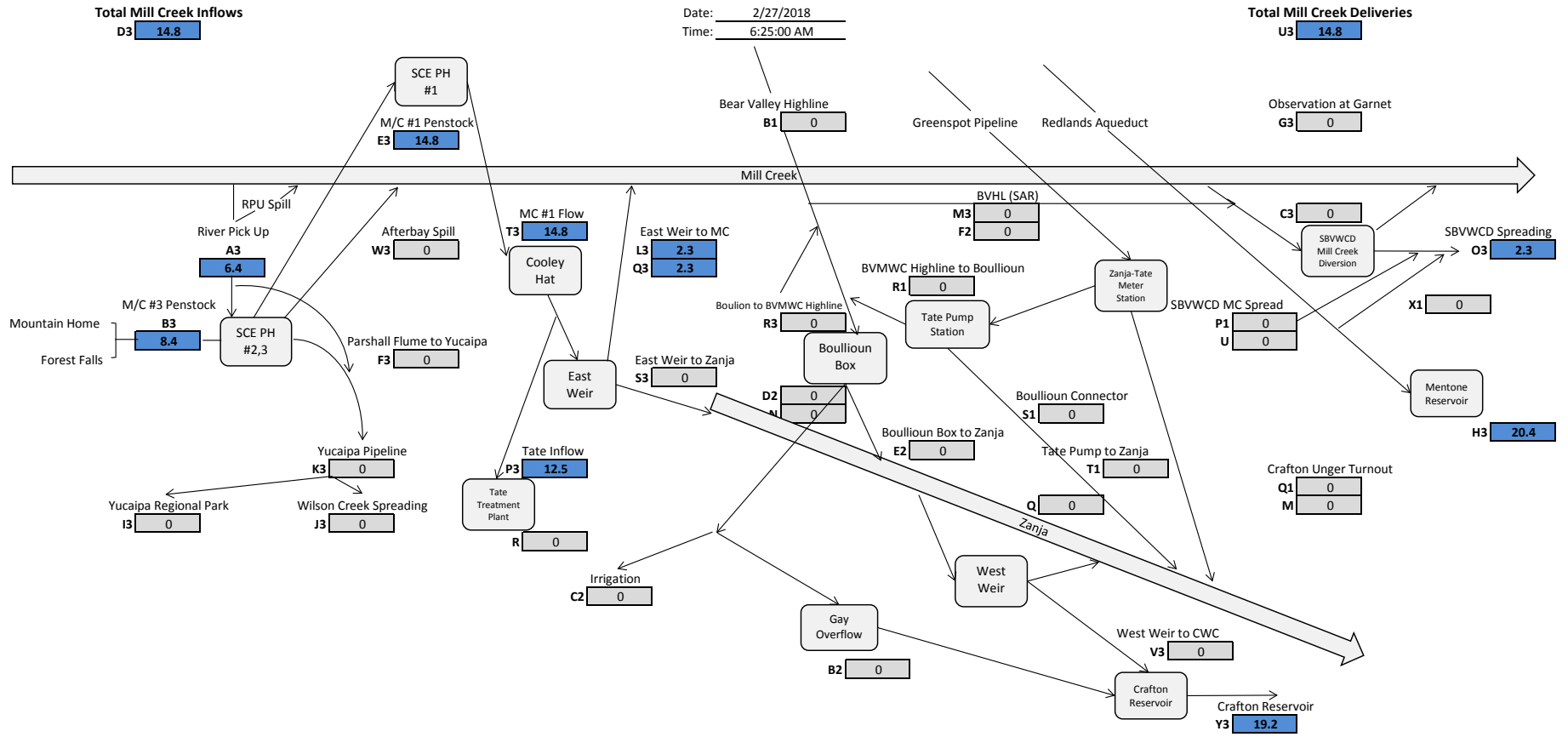
Mill Creek Inflows					
Total MC Inflows		Other			
A3	RPU Flow	6.4	E3	M/C #1 Penstock Flow	14.8
B3	M/C #3 Penstock	8.4	F3	Stream Parshall Flume to Yucaipa	0.0
C3	SBVWCD Mill Creek Diversion	0.0	G3	Observation at Garnet	0.0
D3	Total MC Inflows	14.8			

Mill Creek Deliveries					
Yucaipa Pipeline		MC #1 Flow (Cooley Hat)		Total MC Deliveries	
I3	Yucaipa Regional Park	0.0	P3	Tate Inflow	12.5
J3	Wilson Creek Spreading	0.0	Q3	East Weir to Mill Creek	2.3
K3	Yucaipa Pipeline	0.0	S3	East Weir to Zanja	0.0
			T3	MC #1 Flow (Cooley Hat)	14.8
			N3	Cooley Hat (SCADA)	14.1
			C3	SBVWCD Mill Creek Diversion	0.0
			T3	Mill Creek #1 Flow (Cooley Hat)	14.8
			W3	Mill Creek PH #2,3 Afterbay Spill	0.0
			U3	Total MC Deliveries	14.8
			H3	Mentone Reservoir Level	20.4
			R3	Boulliou to BVMWC Highline	0.0
			V3	Zanja West Weir to CWC Canal	0.0
			W3	Mill Creek PH #2,3 Afterbay Spill	0.0
			Y3	Crafton Reservoir Level (21.3)	19.2

SBVWCD MC Spreading		
C3	SBVWCD Mill Creek Diversion	0.0
L3	East Weir (MC)	2.3
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	2.3

SBVWCD Recharge									
Location	Type	Previous Day (AF)		WY To Date (AF)	Target	Calendar Year To Date (AF)		Target	
A4	Santa Ana River	E4	11.8	I4	533.6	166,000	I4	533.6	166,000
M4	Santa Ana Rvr to Mill Creek	N4	0.0	O4	37.6		O4	11.3	
B4	Santa Ana River	F4	0.0	J4	6,502.3		J4	100.9	
C4	Mill Creek	G4	4.0	K4	981.9	99,700	K4	768.5	99,700
D4	Mill Creek	H4	0.0	L4	1,627.4		L4	434.1	
	Redlands		0.0		0.0			0.0	
	Loma Linda		0.0		0.0			0.0	
	East Valley		0.0		0.0			0.0	
	SAR Passing Cuttle Weir (cfs)		0		0			0	
	Mill Creek Passing Garnet (cfs)		0		0			0	
	Flow in the River Above Alabama		0		0			0	

Santa Ana River - Mill Creek Cooperative Water Project Mill Creek Stations



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Santa Ana Stations

