Santa Ana River - Mill Creek Cooperative Water Project Daily Flow Report Summary

Date: 8/13/2021 Time: 7:00:00 AM

	Flow Rate (cfs)	
A5	Total SAR Inflows	20.8
N2	Total SAR Deliveries	20.8
A1	SAR PH#3 Penstock (calc)	0.0
B1	BVMWC Highline	6.5
C1	Greenspot Pipeline	0.0
L2	SBVWCD Parshall Flume	11.0
G2	North Fork Canal Weir	0.0
H2	Edwards Canal	0.9
W1	Redlands Aqueduct (calc)	2.2
	Other	0.0

	Flow Rate (cfs)	
D3	Total MC Inflows	12.4
U3	Total MC Deliveries	12.4
К3	Yucaipa Pipeline	0.0
03	SBVWCD Spreading	0.0
Т3	MC #1 Flow (Cooley Hat)	12.4

	Flow Rate (cfs)	
G	Total SWP Inflows	9.0
V	Total SWP Deliveries	9.0
J	Northfork Canal	5.0
L	Redlands Aqueduct	0.0
М	Crafton Unger Lane	0.0
Т	Newport to BVMWC	0.0

Reservoir Levels	Feet
Observation at SOD	2151.0
Crafton Reservoir Level (21.3)	18.1
Mentone Reservoir Level	19.9

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

Location	Туре	WY to Date (AF)	Target
Santa Ana River	SAR	3,996	176,000
Santa Ana River to Mill Creek	SAR-MC	553	0
Santa Ana River	SWP	0	0
Mill Creek	MC	2,015	106,000
Mill Creek	SWP	0	0
Plunge Creek	PLC	107	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. As of 7:00 A.M on 6/1/2021 EVWD / North Fork has given up diversions of SAR water to BVW and is receiving in-lieu water at their surface water plant until further notice.

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

9/12/2021

Date: 8/13/2021 Time: 7:00:00 AM											
State Water Project											
	Inflows						Deliveries				
Α	BBMWD In-lieu	0.0	ч	EVWD City Creek	4.0	М	Crafton Unger Lane	0.0	S	SBCFCD Grove	0.0
В	Muni test at Greenspot Station	0.0	1	Santa Ana Low Turnout	0.0	N	BVMWC Boullioun Box	0.0	Т	Newport for BVMWC	0.0
С	Exchange Water	0.0	J	Northfork Canal	5.0	Р	SARC West	0.0	U	M/C spreading at Zanja Tate	0.0
D	Purchased Water	9.0	К	Edwards Canal	0.0	Q	Zanja	0.0	w	Tres Lagos	0.0
Е	Redlands Aqueduct Leakage	0.0	L	Redlands Aqueduct	0.0	R	Tate Treatment Plant	0.0	v	Total SWP Deliveries	9.0
F	Recharge Project	0.0	_		0.10	· —		0.0			
G	Total SWP Inflows	9.0									
H				Sa	nta Ana	Rive	r Inflows				
	SAR PH #3 Penstock (calc)			BVMWC Highline	inta 7 tila	1	SOD Release Subtotal			Total SAR Inflows	
G2	Northfork Canal Weir	0.0	A2	Newport	0.0	D1	BVMWC River PU (USGS)	14.1	A1	SAR PH #3 Penstock (calc)	0.0
_	Edwards Canal	0.0	D2	Boullioun Box Weir	6.5	_	Main River Gage (USGS)	0.2		BVMWC Highline	6.5
J2	Tailrace Valve to Parshall Flume	0.0	E2	Boullioun Box to Zanja	0.0	-	Wall liver dage (0303)	minus		Greenspot Pipeline	0.0
_				·		<u> </u>	Construct Colli		-		
K2	Northfork Parshall Flume	11.0	F2	SBVWCD Mill Creek Spreading	0.0	_	Greenspot Spill	4.6	\vdash	BVMWC River PU (USGS)	14.1
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline	6.5	Z1	SOD Release Subtotal	9.7	_	Main River Gage (USGS)	0.2
W1	Redlands Aqueduct / Sandbox	2.2			-	. —			\vdash	BV Pick-Up gated	
Y1	Redlands Sandbox Spill	0.3		Other		IL.			A5	Total SAR Inflows	20.8
\vdash		Minus	J1	Big Bear Lake Release	1.5	w	Observation at SOD	2151.0	_		
$ldsymbol{ld}}}}}}$	BVMWC River PU (USGS)	14.1	L1	SCE SAR AVM (SCADA)	0.0	х	SOD Reservoir Elevation (scada)	2146.0	\perp	Edison Generation	
I1	Redlands Tunnel	0.3	X1	SAR-MC Spread (Red. Aqueduct)	0.0	Υ	Debris Pool Elevation	N/A	SAR	PH#1 Generating	
A1	SAR PH #3 Penstock (calc)	0.0							SAR	PH#3 Generating	
K1	PH3# Penstock (SCADA)	0.0									
				Sar	ita Ana F	River	Deliveries				
	Greenspot Pipeline			Tailrace Pipeline			SBVWCD Parshall FlumeTo Basir	ns		Deliveries	
M1	SBCFCD Grove	0.0	G2	Northfork Canal Weir	0.0	J2	Tailrace Valve to Parshall Flume	0.0	V1	SAR PH #3 Afterbay Spill	0.0
_	BVMWC Highline	0.0		Edwards Canal		K2	Northfork Parshall Flume		_	Redlands Aqueduct / Sandbox	
_			H2		0.9	_		11.0	\vdash		2.2
_	Newport for BVMWC	0.0	J2	Tailrace Valve to Parshall Flume	0.0	H1	SBVWCD Diversion	0.2	_	Redlands Sandbox Spill	0.3
P1	SBVWCD Mill Creek Spreading	0.0	K2	Northfork Parshall Flume	11.0				_	Cuttle Weir To River	0.0
Q1	Crafton WC Unger Lane	0.0	12	Tailrace Pipeline	11.9	l	Sedimentation Basin Recharge	0.2	B1	BVMWC Highline	6.5
R1	BVMWC Highline to Boullioun	0.0				L2	SBVWCD Parshall Flume	11.0	C1	Greenspot Pipeline	0.0
S1	Crafton WC Boullioun	0.0		Irrigation			Parshall Flume (SCADA)	0.0	12	Tailrace Pipeline	11.9
T1	Tate Pump Station to Zanja	0.0	D2	Boullioun Box Weir	6.5				L2	SBVWCD Parshall Flume	11.0
C1	Greenspot Pipeline	0.0	N	BVMWC Boullioun Box	0.0				L2	Sedimentation Recharge	0.2
					minus						minus
			B2	Gay Overflow	3.2				J2	Tailrace Valve to Parshall Flume	0.0
			C2	Irrigation	3.3				К2	Northfork Parshall Flume	11.0
			_						_	Redlands Tunnel	0.3
									N2	Total SAR Deliveries	20.8
									NZ	Total SAR Deliveries	20.8
Щ					Mill Cre	ek Ir	flows				
	Total MC Inflows			Other							
А3	RPU Flow	4.2	E3	M/C #1 Penstock Flow	12.4						
В3	M/C #3 Penstock	8.2	F3	Stream Parshall Flume to Yucaipa	0.0						
С3	SBVWCD Mill Creek Diversion	0.0	G3	Observation at Garnet	0.0						
D3	Total MC Inflows	12.4	- 33	Tata radion de duniet	0.0	•					
Ħ					Mill Cree	k De	liveries				
H	Version Disalter									Out-	
\vdash	Yucaipa Pipeline			MC #1 Flow (Cooley Hat)		—	Total MC Deliveries		<u> </u>	Other	
Н3	Yucaipa Regional Park	0.0	Р3	Tate Inflow	9.2	C3	SBVWCD Mill Creek Diversion	0.0	_	Mentone Reservoir Level	19.9
J3	Wilson Creek Spreading	0.0	Q3	East Weir to Mill Creek	0.0	Т3	Mill Creek #1 Flow (Cooley Hat)	12.4	R3	Boullioun to BVMWC Highline	0.0
КЗ	Yucaipa Pipeline	0.0	S3	East Weir to Zanja	3.2	U3	Total MC Deliveries	12.4	V3	Zanja West Weir to CWC Canal	2.6
		Т3	MC #1 Flow (Cooley Hat)	12.4				W3	Mill Creek PH #2,3 Afterbay Spill		
SBVWCD MC Spreading		N3	Cooley Hat (SCADA)	13.9				Y3	Crafton Reservoir Level (21.3)	18.1	
С3	C3 SBVWCD Mill Creek Diversion 0.0			•		•					
_	East Weir (MC)	0.0									
	BVHL (SAR)	0.0									
-											
X1	SAR-MC Spread (Red. Aqueduct)	0.0									
03 SBVWCD MC Spreading 0.0											
lacksquare					SBVWC	υ Red	× ·		_		•
\vdash	Location	Туре	ΙЩ	Previous Day (AF)		I—	WY To Date (AF)	Target	\vdash	Calendar Year To Date (AF)	Target
	Santa Ana River	SAR	E4	19.0		14	3,995.9	176,000	14	3,271.5	176,000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	1.5		O4 J4	553.3		04	488.3	
B4 C4	Santa Ana River Mill Creek	SWP	F4 G4	0.0 5.0		J4 K4	0.0 2,015.0	106,000	J4 K4	0.0 1,243.1	106,000
D4	Mill Creek	SWP	H4	0.0		L4	2,015.0	100,000	L4	0.0	100,000
_	Plunge Creek	DIC	- 14	0.0		L4	0.0 106.7		-4	106.7	

106.7

Estimate SAR flow (cfs)

Total River Flow (cfs)

Estimate Mill Creek flow (cfs)

0

106.7

Estimate SAR Recharge (AF)

Total River Recharge (AF)

Estimate Mill Creek Recharge (AF)

0

Plunge Creek

SAR Passing Cuttle Weir (cfs)

Mill Creek Passing Garnet (cfs)
Flow in the River Above Alabama

PLC

Share of Lost SAR Flow

Share of Lost Mill Creek Flow

Flowing Beyond Alabama

0

0

0