Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report Summary

Date: 8/17/2021 7:00:00 AM Time:

	Santa Ana River	Flow Rate (cfs)				
A5	A5 Total SAR Inflows					
N2	Total SAR Deliveries	20.0				
A1	SAR PH#3 Penstock (calc)	0.0				
B1	BVMWC Highline	6.2				
C1	Greenspot Pipeline	0.0				
L2	SBVWCD Parshall Flume	10.8				
G2	North Fork Canal Weir	0.0				
H2	Edwards Canal	0.9				
W1	Redlands Aqueduct (calc)	1.9				
	Other	0.0				

	Flow Rate (cfs)	
D3	Total MC Inflows	11.7
U3	Total MC Deliveries	11.7
К3	Yucaipa Pipeline	0.0
03	SBVWCD Spreading	0.0
Т3	MC #1 Flow (Cooley Hat)	11.7

	Flow Rate (cfs)	
G	Total SWP Inflows	9.5
V	Total SWP Deliveries	9.5
J	Northfork Canal	5.0
L	Redlands Aqueduct	0.0
М	Crafton Unger Lane	0.0
Т	Newport to BVMWC	0.7

Reservoir Levels	Feet
Observation at SOD	NA
Crafton Reservoir Level (21.3)	19.9
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	4,080	176,000
Santa Ana River to Mill Creek	SAR-MC	553	0
Santa Ana River	SWP	0	0
Mill Creek	MC	2,016	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. 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.

*Water reported in Mill Creek was from the BVHL needing repair and dumping to us near the East weir

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

9/17/2021

	Date: 8/17/2021 Time: 7:00:00 AM										
					State W	ater l	Project	•			
H	Inflows						Deliveries				
Α	BBMWD In-lieu	5.7	ч	EVWD City Creek	3.8	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	0.7
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	3.8	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	9.5
F	Recharge Project	0.0	•								
G	Total SWP Inflows	9.5									
				Sa	nta Ana	Rive	r 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)	13.6	A1	SAR PH #3 Penstock (calc)	0.0
H2	Edwards Canal	0.9	D2	Boullioun Box Weir	6.2	E1	Main River Gage (USGS)	0.2	B1	BVMWC Highline	6.2
J2	Tailrace Valve to Parshall Flume	0.0	E2	Boullioun Box to Zanja	0.0			minus	C1	Greenspot Pipeline	0.0
К2	Northfork Parshall Flume	10.8	F2	SBVWCD Mill Creek Spreading	0.0	F1	Greenspot Spill	2.4	\vdash	BVMWC River PU (USGS)	13.6
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline	6.2	Z1	SOD Release Subtotal	11.4	\vdash	Main River Gage (USGS)	0.2
W1	Redlands Aqueduct / Sandbox	2.0	ш						_	BV Pick-Up gated	
-	Redlands Sandbox Spill	0.3		Other					A5	Total SAR Inflows	20.0
Ë		Minus	J1	Big Bear Lake Release	1.5	w	Observation at SOD	NA	ت	Total SAR IIIIOWS	_5.0
Г	BVMWC River PU (USGS)	13.6	_	SCE SAR AVM (SCADA)	0.0	×	SOD Reservoir Elevation (scada)	NA		Edison Generation	
11	Redlands Tunnel	0.4	X1	SAR-MC Spread (Red. Aqueduct)	0.0	v	Debris Pool Elevation	N/A	SAR	PH#1 Generating	
A1	SAR PH #3 Penstock (calc)	0.0	ا	(0.3	<u> </u>		,,,	_	PH#3 Generating	
K1	PH3# Penstock (SCADA)	0.0									
	, , ,	0.0		San	nta Ana F	River	Deliveries				1
	Greenspot Pipeline			Tailrace Pipeline	ita / tila i		SBVWCD Parshall FlumeTo Basir	25	_	Deliveries	
M1	SBCFCD Grove	0.0		Northfork Canal Weir	0.0	J2	Tailrace Valve to Parshall Flume		V1	SAR PH #3 Afterbay Spill	0.0
-			G2		0.0	-		0.0	\vdash	, ,	0.0
N1	BVMWC Highline	0.0	H2	Edwards Canal	0.9	K2	Northfork Parshall Flume	10.8	\vdash	Redlands Aqueduct / Sandbox	2.0
01	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	К2	Northfork Parshall Flume	10.8	_	1		_	Cuttle Weir To River	0.0
Q1	Crafton WC Unger Lane	0.0	12	Tailrace Pipeline	11.7		Sedimentation Basin Recharge	0.2		BVMWC Highline	6.2
R1	BVMWC Highline to Boullioun	0.0	_			L2	SBVWCD Parshall Flume	10.8	\vdash	Greenspot Pipeline	0.0
S1	Crafton WC Boullioun	0.0		Irrigation			Parshall Flume (SCADA)	0.0	\vdash	Tailrace Pipeline	11.7
T1	Tate Pump Station to Zanja	0.0	D2	Boullioun Box Weir	6.2				L2	SBVWCD Parshall Flume	10.8
C1	Greenspot Pipeline	0.0	N	BVMWC Boullioun Box	0.0				L2	Sedimentation Recharge	0.2
					minus						minus
			B2	Gay Overflow	4.4				J2	Tailrace Valve to Parshall Flume	0.0
			C2	Irrigation	1.8				K2	Northfork Parshall Flume	10.8
									I1	Redlands Tunnel	0.4
									N2	Total SAR Deliveries	20.0
					Mill Cre	ek Ir	nflows				
	Total MC Inflows			Other							
Δ3	RPU Flow	4.4		M/C #1 Penstock Flow	11.7						
_	M/C #3 Penstock	7.3			0.0						
C3	SBVWCD Mill Creek Diversion	0.0		Stream Parshall Flume to Yucaipa Observation at Garnet	0.0						
D3	Total MC Inflows	11.7	63	Observation at Aquiet	0.0	l					
Ë			ı		Mill Cree	k De	liveries				1
\vdash	Vuosina Dinalina				5.66				_	Other	
\vdash	Yucaipa Pipeline	0.5		MC #1 Flow (Cooley Hat)			Total MC Deliveries		<u></u>	Other	10.0
	Yucaipa Regional Park	0.0	Р3	Tate Inflow	8.3	C3	SBVWCD Mill Creek Diversion	0.0	\vdash	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)	11.7	_	Boullioun to BVMWC Highline	0.0
К3	Yucaipa Pipeline	0.0	S3	East Weir to Zanja	3.4	U3	Total MC Deliveries	11.7	_	Zanja West Weir to CWC Canal	1.4
			Т3	MC #1 Flow (Cooley Hat)	11.7				\vdash	Mill Creek PH #2,3 Afterbay Spill	0.0
SBVWCD MC Spreading		N3	Cooley Hat (SCADA)	16.9				Y3	Crafton Reservoir Level (21.3)	19.9	
С3	SBVWCD Mill Creek Diversion	0.0									
L3	East Weir (MC)	0.0									
М3	BVHL (SAR)	0.0									
X1	SAR-MC Spread (Red. Aqueduct)	0.0									
03	SBVWCD MC Spreading	0.0									
Ē					SBVWC	D Rec	charge				
	Location	Туре		Previous Day (AF)			WY To Date (AF)	Target		Calendar Year To Date (AF)	Target
A4	Santa Ana River	SAR	E4	17.9		14	4,080.4	176,000	14	3,356.0	176,000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0.0		04	553.3		04	488.3	
B4	Santa Ana River	SWP	F4	0.0		J4	0.0		J4	0.0	
C4	Mill Creek	MC	G4	1.0		K4	2,016.0	106,000	K4	1,244.1	106,000
D4	Mill Creek	SWP	H4	0.0	1	L4	0.0		L4	0.0	

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