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

Date:	7/1/2021
Time:	7:00:00 AM

	Santa Ana River					
A5	Total SAR Inflows	11.0				
N2	Total SAR Deliveries	11.0				
A1	SAR PH#3 Penstock (calc)	2.6				
B1	BVMWC Highline	3.5				
C1	Greenspot Pipeline	0.0				
L2	SBVWCD Parshall Flume	0.0				
G2	North Fork Canal Weir	0.0				
H2	Edwards Canal	0.0				
W1	Redlands Aqueduct (calc)	7.4				
	Other	0.0				

	Mill Creek	Flow Rate (cfs)
D3	Total MC Inflows	12.6
U3	Total MC Deliveries	12.6
K3	Yucaipa Pipeline	0.0
03	SBVWCD Spreading	0.0
Т3	MC #1 Flow (Cooley Hat)	12.6

Reservoir Levels	Feet
Observation at SOD	NA
Crafton Reservoir Level (21.3)	18.3
Mentone Reservoir Level	19.5

	State Water Project	Flow Rate (cfs)
G	Total SWP Inflows	10.9
v	Total SWP Deliveries	10.9
J	Northfork Canal	5.0
L	Redlands Aqueduct	0.0
М	Crafton Unger Lane	0.0
Т	Newport to BVMWC	1.1

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	3,886	176,000
Santa Ana River to Mill Creek	SAR-MC	458	0
Santa Ana River	SWP	0	0
Mill Creek	MC	1,997	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

				Date: Time:	7/1/202						
					State Wa	ater F	Project				
	Inflows						Deliveries				
Α	BBMWD In-lieu	6.1	、 H	EVWD City Creek	3.8	м	Crafton Unger Lane	0.0	S	SBCFCD Grove	0.0
В	Muni test at Greenspot Station	0.0	Т	Santa Ana Low Turnout	0.0	Ν	BVMWC Boullioun Box	0.0	Т	Newport for BVMWC	1.1
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	4.8	к	Edwards Canal	0.0	-	Zanja	0.0	W	Tres Lagos	1.0
E	Redlands Aqueduct Leakage	0.0	L	Redlands Aqueduct	0.0	R	Tate Treatment Plant	0.0	v	Total SWP Deliveries	10.9
F G	Recharge Project Total SWP Inflows	0.0 10.9									
				Sa	inta 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)	4.8	A1	SAR PH #3 Penstock (calc)	2.6
H2	Edwards Canal	0.0	D2	Boullioun Box Weir	3.5	E1	Main River Gage (USGS)	0.1	B1	BVMWC Highline	3.5
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	0.0	F2	SBVWCD Mill Creek Spreading	0.0	-	Greenspot Spill		-	BVMWC River PU (USGS)	4.8
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline	3.5	Z1	SOD Release Subtotal	4.9	-	Main River Gage (USGS)	0.1
W1	Redlands Aqueduct / Sandbox	7.7	·			·		1	-	BV Pick-Up gated	
Y1	Redlands Sandbox Spill	0.0		Other					A5	Total SAR Inflows	5 11.0
┣-	BVMWC River PU (USGS)	Minus		Big Bear Lake Release	1.1		Observation at SOD	NA N/A	` 	Edison Generation	1
11	BVMWC River PO (USGS) Redlands Tunnel	4.8 0.3		SCE SAR AVM (SCADA) SAR-MC Spread (Red. Aqueduct)	0.0	-	SOD Reservoir Elevation (scada) Debris Pool Elevation	N/A	ςΔΡ	PH#1 Generating	
11 A1	SAR PH #3 Penstock (calc)	0.3 2.6	×1	SAN-IVIC Spread (Red. Aqueduct)	0.0	Y		N/A		PH#1 Generating PH#3 Generating	
A1 K1	PH3# Penstock (SCADA)								SAN	PH#5 Generating	
	THOW FEISLOCK (SCADA)	2.1		San	ita Ana R	iver	Deliveries				1
╞	Greenspot Pipeline		Π	Tailrace Pipeline			SBVWCD Parshall FlumeTo Basir	nc	_	Deliveries	
M1	SBCFCD Grove	0.0	G2	Northfork Canal Weir	0.0	12	Tailrace Valve to Parshall Flume	0.0	V1		0.0
-	BVMWC Highline	0.0	H2	Edwards Canal	0.0		Northfork Parshall Flume	0.0	W1	Redlands Aqueduct / Sandbox	7.7
	Newport for BVMWC	0.0	J2	Tailrace Valve to Parshall Flume	0.0	_	SBVWCD Diversion	0.0	Y1	Redlands Sandbox Spill	0.0
	SBVWCD Mill Creek Spreading	0.0	52 K2	Northfork Parshall Flume	0.0			minus	Z2	Cuttle Weir To River	0.0
	Crafton WC Unger Lane	0.0	12	Tailrace Pipeline	0.0		Sedimentation Basin Recharge	0.1	B1	BVMWC Highline	3.5
-	BVMWC Highline to Boullioun	0.0	12	Tuni dec l'ipenne	0.0	12	SBVWCD Parshall Flume	0.0	-	Greenspot Pipeline	0.0
S1	Crafton WC Boullioun	0.0		Irrigation			Parshall Flume (SCADA)	0.0	12	Tailrace Pipeline	0.0
T1	Tate Pump Station to Zanja	0.0	D2	Boullioun Box Weir	3.5	L		0.0	L2	SBVWCD Parshall Flume	0.0
C1	Greenspot Pipeline	0.0	N	BVMWC Boullioun Box	0.0				-	Sedimentation Recharge	0.0
					minus						minus
				Gay Overflow	2.2				J2	Tailrace Valve to Parshall Flume	0.0
				C2 Irrigation 1.3					К2	Northfork Parshall Flume	0.0
									11	Redlands Tunnel	0.3
									N2	Total SAR Deliveries	11.0
					Mill Cre	ek In	nflows			-	
	Total MC Inflows		Π	Other							
A3	RPU Flow	4.8	F3	M/C #1 Penstock Flow	12.6						
	M/C #3 Penstock	7.8		Stream Parshall Flume to Yucaipa	0.0						
C3	SBVWCD Mill Creek Diversion	0.0		Observation at Garnet	0.0						
D3	Total MC Inflows										
					Mill Cree	k De	liveries				1
	Yucaipa Pipeline			MC #1 Flow (Cooley Hat)			Total MC Deliveries			Other	
нз	Yucaipa Regional Park	0.0	P3	Tate Inflow	9.2	C3	SBVWCD Mill Creek Diversion	0.0	H3	Mentone Reservoir Level	19.5
-	Wilson Creek Spreading	0.0	Q3	East Weir to Mill Creek	0.0	_	Mill Creek #1 Flow (Cooley Hat)	12.6	R3	Boullioun to BVMWC Highline	0.0
кз	Yucaipa Pipeline	0.0	53	East Weir to Zanja	3.4	U3	Total MC Deliveries	12.6	V3	Zanja West Weir to CWC Canal	0.8
			т3	MC #1 Flow (Cooley Hat)	12.6	I			W3	Mill Creek PH #2,3 Afterbay Spill	0.0
	SBVWCD MC Spreading		N3	Cooley Hat (SCADA)	15.0				Y3	Crafton Reservoir Level (21.3)	18.3
C3	SBVWCD Mill Creek Diversion	0.0									
L3	East Weir (MC)	0.0									
_	BVHL (SAR)	0.0									
X1	SAR-MC Spread (Red. Aqueduct)	0.0									
03	SBVWCD MC Spreading	0.0									
					SBVWC	D Rec	charge				
	Location	Туре		Previous Day (AF)			WY To Date (AF)	Target		Calendar Year To Date (AF)	Target
	Santa Ana River	SAR	E4	0.0		14	3,885.6	176,000	14	3,161.2	176,000
-			N4	0.0		04	458.1		04	393.1	
M4	Santa Ana Rvr to Mill Creek	SAR-MC				J4	0.0		J4	0.0	
M4 B4	Santa Ana River	SWP	F4	0.0				106.000	V A	1 224 0	106.000
M4 B4 C4	Santa Ana River Mill Creek	SWP MC	F4 G4	0.0		К4	1,996.7	106,000	K4	1,224.8	106,000
M4 B4 C4	Santa Ana River Mill Creek Mill Creek	SWP	F4					106,000	K4 L4	1,224.8 0.0 106.5	106,000
M4 B4 C4 D4	Santa Ana River Mill Creek Mill Creek Plunge Creek	SWP MC SWP PLC	F4 G4 H4	0.0 0.0 0.0	0	K4 L4	1,996.7 0.0		L4	0.0 106.5	
M4 B4 C4 D4	Santa Ana River Mill Creek Mill Creek	SWP MC SWP	F4 G4 H4 Shar	0.0 0.0	 0 0	K4 L4 Estin	1,996.7 0.0 106.5	106,000 0	L4 Esti	0.0	106,000 0
M4 B4 C4 D4 SAR Mill	Santa Ana River Mill Creek Mill Creek Plunge Creek Passing Cuttle Weir (cfs)	SWP MC SWP PLC 0	F4 G4 H4 Shan	0.0 0.0 0.0 e of Lost SAR Flow	-	K4 L4 Estin Estin	1,996.7 0.0 106.5 nate SAR flow (cfs)	0	L4 Esti Esti	0.0 106.5 mate SAR Recharge (AF)	0