Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report Summary

Date: <u>9/28/2018</u>

Time: 7:1000 AM

	Santa Ana River					
A5	Total SAR Inflows	9.1				
N2	Total SAR Deliveries	9.1				
A1	SAR PH#3 Penstock (calc)	5.4				
B1	BVMWC Highline	1.8				
C1	Greenspot Pipeline	0.0				
L2	SBVWCD Parshall Flume	0.0				
G2	North Fork Canal Weir	0.0				
H2	Edwards Canal	0.8				
W1	Redlands Aqueduct (calc)	6.5				
	Other	0.0				

	Flow Rate (cfs)	
D3	Total MC Inflows	8.7
U3	Total MC Deliveries	8.7
К3	Yucaipa Pipeline	0.0
03	SBVWCD Spreading	0.0
T3	MC #1 Flow (Cooley Hat)	8.7

	Flow Rate (cfs)				
G	Total SWP Inflows	93.9			
٧	Total SWP Deliveries	93.9			
J	Northfork Canal	2.0			
L	Redlands Aqueduct	9.9			
М	Crafton Unger Lane	5.1			
Т	Newport to BVMWC	0.7			

Reservoir Levels	Feet
Observation at SOD	N/A
Crafton Reservoir Level (21.3)	16.3
Mentone Reservoir Level	20.1

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)	Targe
Santa Ana River	SAR		2,503	166,00
Santa Ana River to Mill Creek	SAR-MC	Ī	0	
Santa Ana River	SWP	Ī	7,344	0
Mill Creek	MC	Ī	1,982	99,70
Mill Creek	SWP		1,627	0
Redlands	SWP		0	0
Loma Linda	SWP		0	0
East Valley	SWP		1,119	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. San Bernardino Valley Municipal Water District is spreading water at the Santa Ana Low.

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

9/28/2018 Date:

	Date: 9/28/2 Time: 7:1000											
					State W		Proiect	<u>- </u>				
	Inflows						Deliveries					
Α	BBMWD In-lieu	30.2	Н	EVWD City Creek	7.5	М	Crafton Unger Lane	5.1	S	SBCFCD Grove	0.0	
В	Muni test at Greenspot Station	0.0	_	Santa Ana Low Turnout	64.7		BVMWC Boullioun Box	4.0	Т	Newport for BVMWC	0.7	
С	Exchange Water	0.0	\vdash	Northfork Canal	2.0	-	SARC West	0.0	U	M/C spreading at Zanja Tate	0.0	
D	Purchased Water	63.7	\vdash	Edwards Canal	0.0	_	Zanja	0.0	W	Tres Lagos	0.0	
E	Redlands Aqueduct Leakage	0.0	L	Redlands Aqueduct	9.9	R	Tate Treatment Plant	0.0	٧	Total SWP Deliveries	93.9	
G	Recharge Project Total SWP Inflows	93.9										
				Sa	anta 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)	1.9	A1	SAR PH #3 Penstock (calc)	5.4	
H2	Edwards Canal	0.8	_	Boullioun Box Weir	1.8	E1	Main River Gage (USGS)	0.0		BVMWC Highline	1.8	
J2	Tailrace Valve to Parshall Flume	0.0	-	Boullioun Box to Zanja	0.0			minus	\vdash	Greenspot Pipeline	0.0	
K2	Northfork Parshall Flume	0.0	-	SBVWCD Mill Creek Spreading	0.0	-	Greenspot Spill	0.0	-	BVMWC River PU (USGS)	1.9	
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline	1.8	Z1	SOD Release Subtotal	1.9	-	Main River Gage (USGS)	0.0	
W1	Redlands Aqueduct / Sandbox	6.7		Other		_			\vdash			
Y1	Redlands Sandbox Spill	0.1 minus	 1	Other	1.5		Observation at SOD	N/A	A5	Total SAR Inflows	9.1	
D1	BVMWC River PU (USGS)	1.9	-	Big Bear Lake Release SCE SAR AVM (SCADA)	7.7		SOD Reservoir Elevation (scada)	N/A N/A	\Box	Edison Generation		
11	Redlands Tunnel	0.3	-	SAR-MC Spread (Red. Aqueduct)	0.0	Ŷ	Debris Pool Elevation	N/A	SAR	PH#1 Generating		
A1	SAR PH #3 Penstock (calc)		ш	((daeadac)	2.3	<u> </u>		.,	_	PH#3 Generating		
K1	PH3# Penstock (SCADA)								_	-		
		-		Sar	nta 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	
N1	BVMWC Highline	0.0	Н2	Edwards Canal	0.8	K2	Northfork Parshall Flume	0.0	W1	Redlands Aqueduct / Sandbox	6.7	
01	Newport for BVMWC	0.0	J2	Tailrace Valve to Parshall Flume	0.0	H1	SBVWCD Diversion	0.0	Y1	Redlands Sandbox Spill	0.1	
P1	SBVWCD Mill Creek Spreading	0.0	К2	Northfork Parshall Flume	0.0	L2	SBVWCD Parshall Flume	0.0	Z2	Cuttle Weir To River	0.0	
Q1	Crafton WC Unger Lane	0.0	12	Tailrace Pipeline	0.8		Parshall Flume (SCADA)	0.0	B1	BVMWC Highline	1.8	
R1	BVMWC Highline to Boullioun	0.0							\vdash	Greenspot Pipeline	0.0	
S1	Crafton WC Boullioun	0.0					Irrigation		12	Tailrace Pipeline	0.8	
T1	Tate Pump Station to Zanja	0.0				D2	Boullioun Box Weir	1.8	L2	SBVWCD Parshall Flume	0.0	
C1	Greenspot Pipeline	0.0				N	BVMWC Boullioun Box	4.0	H	<u> </u>	minus	
						minus			J2	Tailrace Valve to Parshall Flume	0.0	
						C2	Gay Overflow	1.4	K2	Northfork Parshall Flume Redlands Tunnel	0.0	
						(2	Irrigation	4.4	N2	Total SAR Deliveries	9.1	
					Mill Cre	ok In	rflows			Total SAN Deliveries	3.1	
H	Total MC Inflows		T	Other	Willi Ci C	CK III	nows					
А3	RPU Flow	2.8	F3	M/C #1 Penstock Flow	8.7							
В3	M/C #3 Penstock	5.9		Stream Parshall Flume to Yucaipa	0.0							
С3	SBVWCD Mill Creek Diversion	0.0		Observation at Garnet	0.0							
D3	Total MC Inflows	8.7										
					Mill Cree	k De	liveries					
	Yucaipa Pipeline			MC #1 Flow (Cooley Hat)			Total MC Deliveries			Other		
13	Yucaipa Regional Park	0.0	Р3	Tate Inflow	7.5	С3	SBVWCD Mill Creek Diversion	0.0	Н3	Mentone Reservoir Level	20.1	
J3	Wilson Creek Spreading	0.0	Q3	East Weir to Mill Creek	0.0	Т3	Mill Creek #1 Flow (Cooley Hat)	8.7	R3	Boullioun to BVMWC Highline	0.0	
КЗ	Yucaipa Pipeline	0.0	S3	East Weir to Zanja	1.2	U3	Total MC Deliveries	8.7	V3	Zanja West Weir to CWC Canal	4.0	
			Т3	MC #1 Flow (Cooley Hat)	8.7				W3	Mill Creek PH #2,3 Afterbay Spill	0.0	
	SBVWCD MC Spreading		N3	Cooley Hat (SCADA)	12.3				Y3	Crafton Reservoir Level (21.3)	16.3	
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										
<u>_</u>			T	/	SBVWC	Rec			_			
ДД	Location Santa Ana River	Type SAR	E4	Previous Day (AF)	1	14	WY To Date (AF) 2,503.4	Target 166,000	14	Calendar Year To Date (AF) 2,503.4	Target 166,000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0.0		04	114.6		04	88.3		
B4	Santa Ana River	SWP	F4	117.0		J4	7,343.9		J4	942.5		
C4 D4	Mill Creek	MC SWP	G4 H4	0.0		K4 L4	1,982.2	99,700	K4 L4	1,778.8	99,700	
D4	Mill Creek Redlands	SWP	П4	0.0		L4	1,627.4 0.0	\vdash	L4	434.1 0.0		
	Loma Linda	SWP	H	11.9			0.0		Г	0.0		
	East Valley	SWP		11.9			1,119.2			1,119.2		
SAR	Passing Cuttle Weir (cfs)	0		e of Lost SAR Flow	0		mate SAR flow (cfs)	0		mate SAR Recharge (AF)	0	
	Creek Passing Garnet (cfs)	0	IShare	e of Lost Mill Creek Flow	0	Estir	mate Mill Creek flow (cfs)	0	Estir	mate Mill Creek Recharge (AF)	0	
	v in the River Above Alabama	0		ing Beyond Alabama	0		ll River Flow (cfs)	0	Tota	al River Recharge (AF)	0	