Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report Summary

Date: 5/24/2017

Time: 6:45:00 AM

	Flow Rate (cfs)								
A5	A5 Total SAR Inflows								
N2	Total SAR Deliveries	40.2							
A1	SAR PH#3 Penstock (calc)	32.1							
B1	BVMWC Highline	4.7							
C1	Greenspot Pipeline	0.0							
L2	SBVWCD Parshall Flume	0.0							
G2	North Fork Canal Weir	8.7							
H2	Edwards Canal	0.0							
W1	Redlands Aqueduct (calc)	26.8							
	Other	0.0							

	Flow Rate (cfs)	
D3	Total MC Inflows	23.3
U3	Total MC Deliveries	23.3
К3	Yucaipa Pipeline	0.0
03	SBVWCD Spreading	6.0
Т3	MC #1 Flow (Cooley Hat)	23.3

	Flow Rate (cfs)	
G	Total SWP Inflows	68.8
٧	Total SWP Deliveries	68.8
J	Northfork Canal	0.0
L	Redlands Aqueduct	0.0
М	Crafton Unger Lane	0.0
Т	Newport to BVMWC	0.0

Reservoir Levels	Feet
Observation at SOD	N/A
Crafton Reservoir Level (21.3)	20.6
Mentone Reservoir Level	17.6

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	19,209	166,000
Santa Ana River to Mill Creek	SAR-MC	1,350	0
Santa Ana River	SWP	2,883	0
Mill Creek	MC	4,939	99,700
Mill Creek	SWP	235	0
Redlands	SWP	33	0
Loma Linda	SWP	487	0
East Valley	SWP	4,826	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. Valley Municipal and East Valley are splitting the Spreading at Santa Ana low.

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Date: 5/24/2017 Time: 6:45:00 AM

_				Time:	6:45:00	AM					
					State Wa		Proiect	-			
H	Inflows						Deliveries				
А	BBMWD In-lieu	0.0	Н	EVWD Treatment Plant	0.0	М	Crafton Unger Lane	0.0	S	SBCFCD Grove	0.0
В	Muni test at Greenspot Station	0.0		Santa Ana Low Turnout	67.8	N	BVMWC Boullioun Box	0.0	Т	Newport for BVMWC	0.0
С	Exchange Water	0.0	J	Northfork Canal	0.0	P	SARC West	0.0	U	M/C spreading at Zanja Tate	
D			K			-			-		1.0
\vdash	Purchased Water	68.8	_ K	Edwards Canal	0.0	Q	Zanja	0.0	W	Tres Lagos	0.0
E	Redlands Aqueduct Leakage	0.0	L	Redlands Aqueduct	0.0	R	Tate Treatment Plant	0.0	٧	Total SWP Deliveries	68.8
F Recharge Project 0.0											
G	Total SWP Inflows	68.8									
L					ınta Ana	Rive	r Inflows				
Į.	SAR PH #3 Penstock (calc)			BVMWC Highline		SOD Release Subtotal		Total SAR Inflows			
G2	Northfork Canal Weir	8.7	A2	Newport	0.0	D1	BVMWC River PU (USGS)	3.4	A1	SAR PH #3 Penstock (calc)	32.1
Н2	Edwards Canal	0.0	D2	Boullioun Box Weir	4.7	E1	Main River Gage (USGS)	0.0	B1	BVMWC Highline	4.7
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	F1	Greenspot Spill	0.0	D1	BVMWC River PU (USGS)	3.4
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline	4.7	Z1	SOD Release Subtotal	3.4	-	Main River Gage (USGS)	0.0
W1	Redlands Aqueduct / Sandbox	27.2		21	7.7		302 (10.0030 30.00010.	3.4	D1a	BV Pick-Up gated	0.0
\vdash				Other	$\overline{}$			1			
Y1	Redlands Sandbox Spill	0.0 minus	H	Big Bear Lake Release	0.4	—	Observation at SOD	NI/A	A5	Total SAR Inflows	40.2
D4	BVMWC River PU (USGS)		J1 L1			W		N/A		Edison Generation	1
-	` '	3.4		SCE SAR AVM (SCADA)	41.2	Х	SOD Reservoir Elevation (scada)	N/A	CAD		Г
I1	Redlands Tunnel	0.4	X1	SAR-MC Spread (Red. Aqueduct)	0.0	Υ	Debris Pool Elevation	N/A		PH#1 Generating	☑
A1	SAR PH #3 Penstock (calc)	32.1							SAR	PH#3 Generating	V
K1	PH3# Penstock (SCADA)	34.6									
				Sar	ıta Ana R	liver	Deliveries				
	Greenspot Pipeline			Tailrace Pipeline			SBVWCD Parshall FlumeTo Basi	ns		Deliveries	
М1	SBCFCD Grove	0.0	G2	Northfork Canal Weir	8.7	J2	Tailrace Valve to Parshall Flume	0.0	V1	SAR PH #3 Afterbay Spill	0.0
N1	BVMWC Highline	0.0	Н2	Edwards Canal	0.0	К2	Northfork Parshall Flume	0.0	W1	Redlands Aqueduct / Sandbox	27.2
01	Newport for BVMWC	0.0	J2	Tailrace Valve to Parshall Flume	0.0	Н1	SBVWCD Diversion	0.0	Y1	Redlands Sandbox Spill	0.0
P1	SBVWCD Mill Creek Spreading	0.0	K2	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	8.7		Parshall Flume (SCADA)	0.1	_	BVMWC Highline	4.7
R1			12	Talliace Pipellile	0.7		Paisilali Fluille (SCADA)	0.1	_		
-	BVMWC Highline to Boullioun	0.0				_	ludastian	1	C1	Greenspot Pipeline	0.0
S1	Crafton WC Boullioun	0.0					Irrigation		12	Tailrace Pipeline	8.7
T1	Tate Pump Station to Zanja	0.0				D2	Boullioun Box Weir	4.7	L2	SBVWCD Parshall Flume	0.0
C1	Greenspot Pipeline	0.0						minus			minus
						B2	Gay Overflow	1.2	J2	Tailrace Valve to Parshall Flume	0.0
						C2	Irrigation	3.5	К2	Northfork Parshall Flume	0.0
									I1	Redlands Tunnel	0.4
										Total SAR Deliveries	40.2
$\overline{}$					NA:II Cas				N2		
\vdash						ek Ir	nflows		N2		
A 2	Total MC Inflows	1		Othor	IVIIII Cre	ek Ir	nflows		NZ		
A3	Total MC Inflows	0.1	L	Other		ek Ir	iflows		NZ		
- 00	RPU Flow	8.1		M/C #1 Penstock Flow	23.3	ek Ir	ıflows		NZ		
В3	RPU Flow M/C #3 Penstock	15.2	F3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa	23.3	ek Ir	ıflows		N2		
С3	RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion	15.2 0.0		M/C #1 Penstock Flow	23.3	ek Ir	iflows		N2		
	RPU Flow M/C #3 Penstock	15.2	F3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa	23.3	ek Ir	iflows		N2		
С3	RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion	15.2 0.0	F3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet	23.3				N2		
С3	RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion	15.2 0.0	F3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet	23.3 0.0 0.0				N2	Other	
С3	RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows	15.2 0.0	F3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet	23.3 0.0 0.0	k De	liveries	0.0		Other Mentone Reservoir Level	17.6
C3 D3	RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park	15.2 0.0 23.3	F3 G3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat)	23.3 0.0 0.0 Mill Cree	k De	liveries Total MC Deliveries SBVWCD Mill Creek Diversion		нз	Mentone Reservoir Level	
C3 D3 I3 J3	RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading	15.2 0.0 23.3 0.0 0.0	F3 G3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek	23.3 0.0 0.0 Mill Cree	k De	liveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat)	23.3	H3 R3	Mentone Reservoir Level Boullioun to BVMWC Highline	0.0
C3 D3	RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park	15.2 0.0 23.3	F3 G3 P3 Q3 S3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja	23.3 0.0 0.0 Mill Cree 9.5 6.0 7.8	сз тз wз	Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Mill Creek PH #2,3 Afterbay Spill	23.3 0.0	H3 R3 V3	Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal	0.0 6.2
C3 D3 I3 J3	RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline	15.2 0.0 23.3 0.0 0.0	F3 G3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek	23.3 0.0 0.0 Mill Cree 9.5 6.0 7.8	k De	liveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat)	23.3	H3 R3 V3 W3	Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill	0.0 6.2 0.0
C3 D3 I3 J3 K3	RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading	0.0 23.3 0.0 0.0 0.0	F3 G3 P3 Q3 S3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja	23.3 0.0 0.0 Mill Cree 9.5 6.0 7.8	сз тз wз	Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Mill Creek PH #2,3 Afterbay Spill	23.3 0.0	H3 R3 V3	Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal	0.0 6.2
C3 D3 I3 J3 K3	RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD MIll Creek Diversion	0.0 23.3 0.0 0.0 0.0 0.0	F3 G3 P3 Q3 S3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja	23.3 0.0 0.0 Mill Cree 9.5 6.0 7.8	сз тз wз	Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Mill Creek PH #2,3 Afterbay Spill	23.3 0.0	H3 R3 V3 W3	Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill	0.0 6.2 0.0
C3 D3 I3 J3 K3 C3	RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD MIll Creek Diversion East Weir (MC)	0.0 0.0 0.0 0.0 0.0 0.0	F3 G3 P3 Q3 S3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja	23.3 0.0 0.0 Mill Cree 9.5 6.0 7.8	к De сз тз wз	Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Mill Creek PH #2,3 Afterbay Spill	23.3 0.0	H3 R3 V3 W3	Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill	0.0 6.2 0.0
C3 D3 I3 J3 K3	RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD MIll Creek Diversion	0.0 23.3 0.0 0.0 0.0 0.0	F3 G3 P3 Q3 S3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja	23.3 0.0 0.0 Mill Cree 9.5 6.0 7.8	к De сз тз wз	Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Mill Creek PH #2,3 Afterbay Spill	23.3 0.0	H3 R3 V3 W3	Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill	0.0 6.2 0.0
C3 D3 I3 J3 K3 C3	RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD MIll Creek Diversion East Weir (MC)	0.0 0.0 0.0 0.0 0.0 0.0	F3 G3 P3 Q3 S3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja	23.3 0.0 0.0 Mill Cree 9.5 6.0 7.8	к De сз тз wз	Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Mill Creek PH #2,3 Afterbay Spill	23.3 0.0	H3 R3 V3 W3	Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill	0.0 6.2 0.0
C3 D3	RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR)	0.0 0.0 0.0 0.0 0.0 0.0 0.0	F3 G3 P3 Q3 S3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja	23.3 0.0 0.0 Mill Cree 9.5 6.0 7.8	к De сз тз wз	Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Mill Creek PH #2,3 Afterbay Spill	23.3 0.0	H3 R3 V3 W3	Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill	0.0 6.2 0.0
(3) D3 13 13 13 13 13 13 13	RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) Mill Creek PH #2,3 Afterbay Spill	0.0 23.3 0.0 0.0 0.0 0.0 0.0 6.0 0.0	F3 G3 P3 Q3 S3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja	23.3 0.0 0.0 Mill Cree 9.5 6.0 7.8	к De сз тз wз	Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Mill Creek PH #2,3 Afterbay Spill	23.3	H3 R3 V3 W3	Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill	0.0 6.2 0.0
C3 D3 I3 J3 K3 C3 L3 W3 W3 X1	RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) Mill Creek PH #2,3 Afterbay Spill SAR-MC Spread (Red. Aqueduct)	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	F3 G3 P3 Q3 S3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja	23.3 0.0 0.0 Mill Cree 9.5 6.0 7.8 23.3	C3 T3 W3 U3	Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Mill Creek PH #2,3 Afterbay Spill Total MC Deliveries	23.3	H3 R3 V3 W3	Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill	0.0 6.2 0.0
C3 D3 I3 J3 K3 C3 L3 W3 W3 X1	RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) Mill Creek PH #2,3 Afterbay Spill SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	F3 G3 P3 Q3 S3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja MC #1 Flow (Cooley Hat)	23.3 0.0 0.0 Mill Cree 9.5 6.0 7.8	C3 T3 W3 U3	Iiveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Mill Creek PH #2,3 Afterbay Spill Total MC Deliveries	23.3 0.0 23.3	H3 R3 V3 W3	Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill Crafton Reservoir Level (21.3)	0.0 6.2 0.0 20.6
C3 D3 I3 J3 K3 C3 L3 M3 W3 X1 O3	RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) Mill Creek PH #2,3 Afterbay Spill SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading	15.2 0.0 23.3 0.0 0.0 0.0 0.0 6.0 0.0 0.0 6.0 0.0 0	F3 G3 P3 Q3 S3 T3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja MC #1 Flow (Cooley Hat) MC #1 Flow (Cooley Hat)	23.3 0.0 0.0 Mill Cree 9.5 6.0 7.8 23.3	C3 T3 W3 U3	Iiveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Mill Creek PH #2,3 Afterbay Spill Total MC Deliveries Charge WY To Date (AF)	23.3 0.0 23.3	H3 R3 V3 W3 Y3	Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill Crafton Reservoir Level (21.3)	0.0 6.2 0.0 20.6
C3 D3 I3 J3 K3 C3 L3 W3 W3 X1	RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) Mill Creek PH #2,3 Afterbay Spill SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	F3 G3 P3 Q3 S3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja MC #1 Flow (Cooley Hat)	23.3 0.0 0.0 Mill Cree 9.5 6.0 7.8 23.3	C3 T3 W3 U3	Iiveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Mill Creek PH #2,3 Afterbay Spill Total MC Deliveries	23.3 0.0 23.3	H3 R3 V3 W3	Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill Crafton Reservoir Level (21.3)	0.0 6.2 0.0 20.6
C3 D3 I3 I3 I3 K3 C3 L3 M3 W3 X1 O3	RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) Mill Creek PH #2,3 Afterbay Spill SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River	15.2 0.0 23.3 0.0 0.0 0.0 0.0 6.0 0.0 0.0 6.0 0.0 0	F3 G3 P3 Q3 S3 T3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja MC #1 Flow (Cooley Hat) Previous Day (AF) 0.0	23.3 0.0 0.0 Mill Cree 9.5 6.0 7.8 23.3	C3 T3 W3 U3	Iiveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Mill Creek PH #2,3 Afterbay Spill Total MC Deliveries Charge WY To Date (AF) 19,209.0	23.3 0.0 23.3	H3 R3 V3 W3 Y3	Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill Crafton Reservoir Level (21.3) Calendar Year To Date (AF) 18,306.4	0.0 6.2 0.0 20.6
C3 B3 B3 B3 B3 B3 B3 B3 B3 B3	RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) Mill Creek PH #2,3 Afterbay Spill SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River Santa Ana River Santa Ana River	15.2 0.0 23.3 0.0 0.0 0.0 0.0 6.0 0.0 0.0 6.0 0.0 6.0 0.0 6.0 0.0 6.0 6	F3 G3 P3 Q3 S3 T3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja MC #1 Flow (Cooley Hat) Previous Day (AF) 0.0 0.0	23.3 0.0 0.0 Mill Cree 9.5 6.0 7.8 23.3	C3 T3 W3 U3	Iliveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Mill Creek PH #2,3 Afterbay Spill Total MC Deliveries Charge WY To Date (AF) 19,209.0 1,349.9	23.3 0.0 23.3	H3 R3 V3 W3 Y3	Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill Crafton Reservoir Level (21.3) Calendar Year To Date (AF) 18,306.4 1,187.3	0.0 6.2 0.0 20.6
C3 B3 I3 J3 K3 C3 L3 W3 W3 X1 O3	RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) Mill Creek PH #2,3 Afterbay Spill SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River Santa Ana River Mill Creek	15.2 0.0 23.3 0.0 0.0 0.0 0.0 6.0 0.0 0.0 6.0 0.0 6.0 0.0 6.0 Market SAR SAR-MC SWP	F3 G3 P3 G3 F3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja MC #1 Flow (Cooley Hat) Previous Day (AF) 0.0 0.0 67.6 11.9 2.0	23.3 0.0 0.0 Mill Cree 9.5 6.0 7.8 23.3	C3 T3 W3 U3	Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Mill Creek PH #2,3 Afterbay Spill Total MC Deliveries Charge WY To Date (AF) 19,209.0 1,349.9 2,883.3 4,938.7 235.1	23.3 0.0 23.3	H3 R3 V3 W3 Y3	Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill Crafton Reservoir Level (21.3) Calendar Year To Date (AF) 18,306.4 1,187.3 2,883.3 4,710.2 235.1	0.0 6.2 0.0 20.6
C3 I3 J3 K3 C3 L3 M3 W3 X1 O3 A4 M4 B4 C4	RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) Mill Creek PH #2,3 Afterbay Spill SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River Mill Creek Santa Ana River Mill Creek Mill Creek	15.2 0.0 23.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0	P3 Q3 S3 T3 E44 N4 N4 F4 G4	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja MC #1 Flow (Cooley Hat) Previous Day (AF) 0.0 0.0 67.6 11.9	23.3 0.0 0.0 Mill Cree 9.5 6.0 7.8 23.3	C3 T3 W3 U3	Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Mill Creek PH #2,3 Afterbay Spill Total MC Deliveries Charge WY To Date (AF) 19,209.0 1,349.9 2,883.3 4,938.7	23.3 0.0 23.3	H3 R3 V3 W3 Y3	Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill Crafton Reservoir Level (21.3) Calendar Year To Date (AF) 18,306.4 1,187.3 2,883.3 4,710.2	0.0 6.2 0.0 20.6

4,826.0

Estimate SAR flow (cfs)

Total River Flow (cfs)

Estimate Mill Creek flow (cfs)

0

0

East Valley

SAR Passing Cuttle Weir (cfs)

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

SWP

0

0

0

67.6

Share of Lost SAR Flow

Flowing Beyond Alabama

Share of Lost Mill Creek Flow

1,157.6

0

Estimate SAR Recharge (AF)

Total River Recharge (AF)

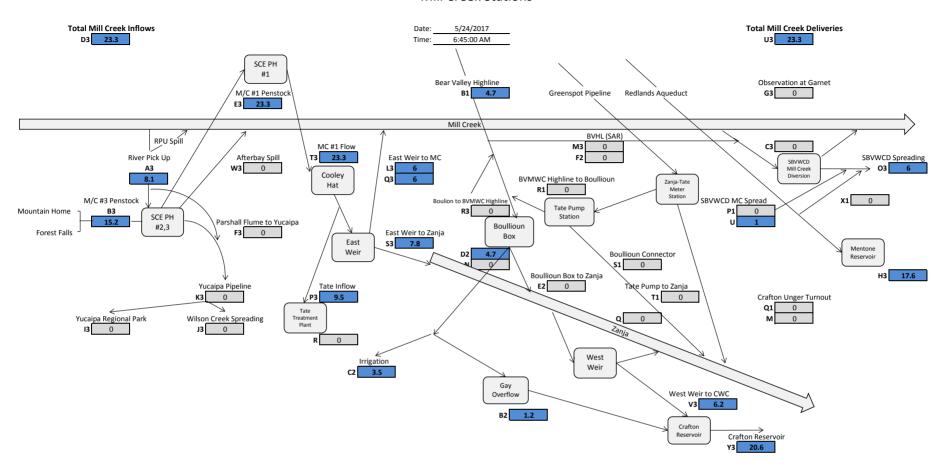
Estimate Mill Creek Recharge (AF)

0

0

0

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



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

