Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report Summary

Date: 6/30/2016

Time: 6:40:00 AM

	Flow Rate (cfs)	
A5	8.5	
N2	Total SAR Deliveries	8.5
A1	SAR PH#3 Penstock (calc)	0.0
B1	BVMWC Highline	5.1
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)	3.4
	Other	0.0

	Mill Creek	Flow Rate (cfs)
D3	Total MC Inflows	8.4
U3	Total MC Deliveries	8.4
К3	Yucaipa Pipeline	0.0
03	SBVWCD Spreading	0.0
Т3	MC #1 Flow (Cooley Hat)	8.4

	Flow Rate (cfs)	
G	Total SWP Inflows	38.0
V	Total SWP Deliveries	38.0
J	Northfork Canal	9.5
L	Redlands Aqueduct	16.2
М	Crafton Unger Lane	6.5
Т	Newport to BVMWC	0.8

Feet
N/A
13.3
19.8

River Recharge	AF
Estimate SAR Recharge	15.0
Estimate Mill Creek Recharge	0.0
Total River Recharge	15.0

Location	Туре	WY to Date (AF)	Target
Santa Ana River	SAR	2,619	123,000
Santa Ana River to Mill Creek	SAR-MC	132	0
Santa Ana River	SWP	15	0
Mill Creek	MC	1,040	73,800
Mill Creek	SWP	0	714
SBVMWD	SWP	0	0
EV HQ	SWP	87	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. Small test demonstration yesterday in santa ana and 15 AF was spread.

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Daily Flow Report

 Date:
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_				rime:		AIVI					
\perp					State Wa	iter	•				
	Inflows						Deliveries				
Α	BBMWD In-lieu	32.2	Н	EVWD Treatment Plant	0.0	М	Crafton Unger Lane	6.5	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	0.8
С	Exchange Water	0.0	J	Northfork Canal	9.5	Р	SARC West	0.0	U	M/C spreading at Zanja Tate	0.0
D	Purchased Water	5.8	К	Edwards Canal	0.0	Q	Zanja	0.0		EV HQ Irrigation	1.0
Е		0.0	-	Redlands Aqueduct		R	Tate Treatment Plant	4.0	. v	Total SWP Deliveries	
F-	Redlands Aqueduct Leakage		Ļ	Redialius Aqueduct	16.2	, n	Tate Treatment Plant	4.0		Total SWP Deliveries	38.0
F	Recharge Project	0.0									
G	Total SWP Inflows	38.0									
				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)	3.4	A1	SAR PH #3 Penstock (calc)	0.0
H2	Edwards Canal	0.0	D2	Boullioun Box Weir	5.1	E1	Main River Gage (USGS)	0.0	R1	BVMWC Highline	5.1
					1		Walli River dage (0303)			-	
J2	Tailrace Valve to Parshall Flume	0.0	E2	Boullioun Box to Zanja	0.0		1	minus	C1	Greenspot Pipeline	0.0
K2	Northfork Parshall Flume	0.0	F2	SBVWCD Mill Creek Spreading	0.0	F1	Greenspot Spill	0.8	D1	BVMWC River PU (USGS)	3.4
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline	5.1	Z1	SOD Release Subtotal	2.6	E1	Main River Gage (USGS)	0.0
W1	Redlands Aqueduct / Sandbox	3.4	-					<u> </u>	D1a	BV Pick-Up gated	
Y1	Redlands Sandbox Spill	0.3		Other			Seven Oaks Dam		A5	Total SAR Inflows	8.5
-	nedianas sanasox spin	minus	-	Big Bear Lake Release	1.0	w	Observation at SOD	N/A		Total SAR IIII 0 WS	0.5
D1	DVMWC Pivor DLL (LISCS)		J1 L1	•			SOD Reservoir Elevation (scada)	N/A			
-	BVMWC River PU (USGS)	3.4	-	SCE SAR AVM (SCADA)	6.8	Х					
I1	Redlands Tunnel	0.3	X1	SAR-MC Spread (Red. Aqueduct)	0.0	Υ	Debris Pool Elevation	0.0			
A1	SAR PH #3 Penstock (calc)	0.0									
K1	PH3# Penstock (SCADA)	0.0									
				Sar	nta Ana F	iver	Deliveries				
	Greenspot Pipeline			Tailrace Pipeline			SBVWCD Parshall FlumeTo Basir	ns		Deliveries	
M1	SBCFCD Grove	0.0	- 63	Northfork Canal Weir	0.0	J2	Tailrace Valve to Parshall Flume	0.0	V1	SAR PH #3 Afterbay Spill	0.0
-			G2			_			-	, ,	
N1	BVMWC Highline	0.0	H2	Edwards Canal	0.0	K2	Northfork Parshall Flume	0.0	W1	Redlands Aqueduct / Sandbox	3.4
01	Newport for BVMWC	0.0	J2	Tailrace Valve to Parshall Flume	0.0	H1	SBVWCD Diversion	0.0	Y1	Redlands Sandbox Spill	0.3
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	0.0		Parshall Flume (SCADA)	0.0	B1	BVMWC Highline	5.1
R1	BVMWC Highline to Boullioun	0.0				_			C1	Greenspot Pipeline	0.0
-		0.0					Irrigation		-		
S1	Crafton WC Boullioun						Irrigation		12	Tailrace Pipeline	0.0
T1	Tate Pump Station to Zanja	0.0				D2	Boullioun Box Weir	5.1	L2	SBVWCD Parshall Flume	0.0
									_		
C1	Greenspot Pipeline	0.0						minus			minus
C1	Greenspot Pipeline	0.0				B2	Gay Overflow		J2	Tailrace Valve to Parshall Flume	minus 0.0
C1	Greenspot Pipeline	0.0				B2 C2	Gay Overflow Irrigation	minus	J2 K2	Tailrace Valve to Parshall Flume Northfork Parshall Flume	
C1	Greenspot Pipeline	0.0						minus 2.2		Northfork Parshall Flume	0.0
C1	Greenspot Pipeline	0.0						minus 2.2	K2	Northfork Parshall Flume Redlands Tunnel	0.0 0.0 0.3
C1	Greenspot Pipeline	0.0				C2	Irrigation	minus 2.2	К2	Northfork Parshall Flume	0.0
C1		0.0			Mill Cre	C2	Irrigation	minus 2.2	K2	Northfork Parshall Flume Redlands Tunnel	0.0 0.0 0.3
	Total MC Inflows	0.0		Other	Mill Cre	C2	Irrigation	minus 2.2	K2	Northfork Parshall Flume Redlands Tunnel	0.0 0.0 0.3
		1.9	E3	Other M/C #1 Penstock Flow	Mill Cre	C2	Irrigation	minus 2.2	K2	Northfork Parshall Flume Redlands Tunnel	0.0 0.0 0.3
	Total MC Inflows		E3 F3			C2	Irrigation	minus 2.2	K2	Northfork Parshall Flume Redlands Tunnel	0.0 0.0 0.3
A3	Total MC Inflows RPU Flow	1.9		M/C #1 Penstock Flow	8.4	C2	Irrigation	minus 2.2	K2	Northfork Parshall Flume Redlands Tunnel	0.0 0.0 0.3
A3 B3	Total MC Inflows RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion	1.9 6.5 0.0	F3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa	8.4	C2	Irrigation	minus 2.2	K2	Northfork Parshall Flume Redlands Tunnel	0.0 0.0 0.3
A3 B3 C3	Total MC Inflows RPU Flow M/C #3 Penstock	1.9 6.5 0.0	F3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet	8.4 0.0 0.0	c2	Irrigation	minus 2.2	K2	Northfork Parshall Flume Redlands Tunnel	0.0 0.0 0.3
A3 B3 C3	Total MC Inflows RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows	1.9 6.5 0.0	F3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet	8.4	c2	Irrigation Iflows	minus 2.2	K2	Northfork Parshall Flume Redlands Tunnel Total SAR Deliveries	0.0 0.0 0.3
A3 B3 C3	Total MC Inflows RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline	1.9 6.5 0.0 8.4	F3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat)	8.4 0.0 0.0	ek Ir	Irrigation Iflows Iliveries Total MC Deliveries	minus 2.2 2.9	K2 I1 N2	Northfork Parshall Flume Redlands Tunnel Total SAR Deliveries Other	0.0 0.0 0.3 8.5
A3 B3 C3	Total MC Inflows RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows	1.9 6.5 0.0	F3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet	8.4 0.0 0.0	c2	Irrigation Iflows Iliveries Total MC Deliveries SBVWCD Mill Creek Diversion	minus 2.2	K2	Northfork Parshall Flume Redlands Tunnel Total SAR Deliveries	0.0 0.0 0.3
A3 B3 C3 D3	Total MC Inflows RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline	1.9 6.5 0.0 8.4	F3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat)	8.4 0.0 0.0	ek Ir	Irrigation Iflows Iliveries Total MC Deliveries	minus 2.2 2.9	K2 I1 N2	Northfork Parshall Flume Redlands Tunnel Total SAR Deliveries Other	0.0 0.0 0.3 8.5
A3 B3 C3 D3	Total MC Inflows RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park	1.9 6.5 0.0 8.4	F3 G3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow	8.4 0.0 0.0 Mill Cree	ek Ir	Irrigation Iflows Iliveries Total MC Deliveries SBVWCD Mill Creek Diversion	minus 2.2 2.9 0.0	K2 11 N2 H3 R3	Northfork Parshall Flume Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level	0.0 0.0 0.3 8.5
A3 B3 C3 D3 D3 J3	Total MC Inflows RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading	1.9 6.5 0.0 8.4	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	8.4 0.0 0.0 Mill Cree 6.8 0.0 1.6	ek Ir	Irrigation Iflows Iliveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat)	0.0 8.4	H3 R3 V3	Northfork Parshall Flume Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal	0.0 0.0 0.3 8.5 19.8 0.0
A3 B3 C3 D3 D3 J3	Total MC Inflows RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline	1.9 6.5 0.0 8.4	F3 G3 P3 Q3	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	8.4 0.0 0.0 Mill Cree	ek Ir	Irrigation Iflows Iliveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat)	0.0 8.4	K2 I1 N2	Northfork Parshall Flume Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill	0.0 0.0 0.3 8.5 19.8 0.0 7.5 0.0
A3 B3 C3 D3 I3 J3 K3	Total MC Inflows 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	1.9 6.5 0.0 8.4	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	8.4 0.0 0.0 Mill Cree 6.8 0.0 1.6	ek Ir	Irrigation Iflows Iliveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat)	0.0 8.4	H3 R3 V3	Northfork Parshall Flume Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal	0.0 0.0 0.3 8.5 19.8 0.0
A3 B3 C3 D3 I3 J3 K3	Total MC Inflows 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	1.9 6.5 0.0 8.4 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	8.4 0.0 0.0 Mill Cree 6.8 0.0 1.6	ek Ir	Irrigation Iflows Iliveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat)	0.0 8.4	K2 I1 N2	Northfork Parshall Flume Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill	0.0 0.0 0.3 8.5 19.8 0.0 7.5 0.0
A3 B3 C3 D3 I3 J3 K3	Total MC Inflows 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	1.9 6.5 0.0 8.4	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	8.4 0.0 0.0 Mill Cree 6.8 0.0 1.6	ek Ir	Irrigation Iflows Iliveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat)	0.0 8.4	K2 I1 N2	Northfork Parshall Flume Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill	0.0 0.0 0.3 8.5 19.8 0.0 7.5 0.0
A3 B3 C3 D3 I3 J3 K3 C3 L3	Total MC Inflows 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	1.9 6.5 0.0 8.4 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	8.4 0.0 0.0 Mill Cree 6.8 0.0 1.6	ek Ir	Irrigation Iflows Iliveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat)	0.0 8.4	K2 I1 N2	Northfork Parshall Flume Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill	0.0 0.0 0.3 8.5 19.8 0.0 7.5 0.0
A3 B3 C3 D3 I3 J3 K3 C3 L3	Total MC Inflows 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)	1.9 6.5 0.0 8.4 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	8.4 0.0 0.0 Mill Cree 6.8 0.0 1.6	ek Ir	Irrigation Iflows Iliveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat)	0.0 8.4	K2 I1 N2	Northfork Parshall Flume Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill	0.0 0.0 0.3 8.5 19.8 0.0 7.5 0.0
A3 B3 C3 D3 I3 J3 K3 C3 K3 K3	Total MC Inflows 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) SAR-MC Spread (Red. Aqueduct)	1.9 6.5 0.0 8.4 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	8.4 0.0 0.0 Mill Cree 6.8 0.0 1.6	ek Ir	Irrigation Iflows Iliveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat)	0.0 8.4	K2 I1 N2	Northfork Parshall Flume Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill	0.0 0.0 0.3 8.5 19.8 0.0 7.5 0.0
A3 B3 C3 D3 I3 J3 K3 K3	Total MC Inflows 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)	1.9 6.5 0.0 8.4 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	8.4 0.0 0.0 Mill Cree 6.8 0.0 1.6 8.4	ek Ir	Irrigation Iflows Iliveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries	0.0 8.4	K2 I1 N2	Northfork Parshall Flume Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill	0.0 0.0 0.3 8.5 19.8 0.0 7.5 0.0
A3 B3 C3 D3 I3 J3 K3 C3 K3 K3	Total MC Inflows 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) SAR-MC Spread (Red. Aqueduct)	1.9 6.5 0.0 8.4 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	8.4 0.0 0.0 Mill Cree 6.8 0.0 1.6	ek Ir	Irrigation Iflows Iliveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries	0.0 8.4	K2 I1 N2	Northfork Parshall Flume Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill	0.0 0.0 0.3 8.5 19.8 0.0 7.5 0.0
A3 B3 C3 D3 I3 J3 K3 C3 L3 M3 X1 O3	Total MC Inflows 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) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading	1.9 6.5 0.0 8.4 0.0 0.0 0.0 0.0 0.0 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)	8.4 0.0 0.0 Mill Cree 6.8 0.0 1.6 8.4	ek Ir	Irrigation Ifiows Iliveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries charge WY To Date (AF)	0.0 8.4 8.4	H3 R3 V3 W3 Y3	Northfork Parshall Flume Redlands Tunnel Total SAR Deliveries Other 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)	19.8 0.0 7.5 0.0
A3 B3 C3 D3 I3 J3 K3 K3 C3 C3 A4 A4	Total MC Inflows 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) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River	1.9 6.5 0.0 8.4 0.0 0.0 0.0 0.0 0.0 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	8.4 0.0 0.0 Mill Cree 6.8 0.0 1.6 8.4	ek Ir	Irrigation Iflows Iliveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries Charge WY To Date (AF) 2,619.3	0.0 8.4 8.4	H3 R3 V3 W3 V3	Northfork Parshall Flume Redlands Tunnel Total SAR Deliveries Other 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) 2,262.1	19.8 0.0 7.5 0.0
A3 B3 C3 D3 I3 J3 K3 K3 C3 A4 M4	Total MC Inflows 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) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River Santa Ana River Santa Ana River	1.9 6.5 0.0 8.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	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	8.4 0.0 0.0 Mill Cree 6.8 0.0 1.6 8.4	c2 ek Irr c3 c3 c3 c3 c3 c3 c4 c4 c4 c4	Irrigation Inflows Iliveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries Charge WY To Date (AF) 2,619.3 132.0	0.0 8.4 8.4	H3 R3 V3 W3 Y3	Other 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) 2,262.1 132.0	0.0 0.0 0.3 8.5
A3 B3 C3 D3 I3 J3 K3 K3 C3 A4 M4 B4	Total MC Inflows 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) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River Santa Ana River Santa Ana River	1.9 6.5 0.0 8.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 SAR SARMC SWP	P3 Q3 S3 T3 E4 A N4 F4	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 15.0	8.4 0.0 0.0 Mill Cree 6.8 0.0 1.6 8.4	(2) ek Irr	Irrigation Iflows Iliveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries Charge WY To Date (AF) 2,619.3 132.0 15.0	0.0 8.4 8.4 123,000	H3 R3 W3 Y3 H4 O4 J4	Other 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) 2,262.1 132.0 15.0	0.0 0.0 0.3 8.5 19.8 0.0 7.5 0.0 13.3
A3 B3 C3 D3 I3 J3 K3 C3 C3 L3 M3 X1 O3 A4 B4 C4	Total MC Inflows 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) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River Santa Ana River Mill Creek	1.9 6.5 0.0 8.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 5AR SAR-MC SWP MC	F3 G3 P3 G3 S3 T3 F4 F4 F4 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 15.0 0.0	8.4 0.0 0.0 Mill Cree 6.8 0.0 1.6 8.4	C2 Rec	Irrigation Iflows Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries Charge WY To Date (AF) 2,619.3 132.0 1,039.9	0.0 8.4 8.4 73,800	H3 R3 V3 W3 Y3	Other 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) 2,262.1 132.0 15.0 852.7	19.8 0.0 73,800
A3 B3 C3 D3 I3 J3 K3 K3 C3 A4 M4 B4	Total MC Inflows 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) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River Santa Ana River Mill Creek Mill Creek Mill Creek	1.9 6.5 0.0 8.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Type SAR SAR-MC SWP MC SWP	P3 Q3 S3 T3 E4 A N4 F4	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 15.0	8.4 0.0 0.0 Mill Cree 6.8 0.0 1.6 8.4	(2) ek Irr	Irrigation Iflows Iliveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries Charge WY To Date (AF) 2,619.3 132.0 15.0	0.0 8.4 8.4 123,000	H3 R3 W3 Y3 H4 O4 J4	Other 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) 2,262.1 132.0 15.0	0.0 0.0 0.3 8.5 19.8 0.0 7.5 0.0 13.3
A3 B3 C3 D3 I3 J3 K3 C3 C3 L3 M3 X1 O3 A4 B4 C4	Total MC Inflows 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) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River Santa Ana River Mill Creek	1.9 6.5 0.0 8.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 5AR SAR-MC SWP MC	F3 G3 P3 G3 S3 T3 F4 F4 F4 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 15.0 0.0	8.4 0.0 0.0 Mill Cree 6.8 0.0 1.6 8.4	C2 Rec	Irrigation Iflows Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries Charge WY To Date (AF) 2,619.3 132.0 1,039.9	0.0 8.4 8.4 73,800	H3 R3 V3 W3 Y3	Other 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) 2,262.1 132.0 15.0 852.7	19.8 0.0 73,800

Estimate SAR Recharge Estimate Mill Creek Recharge

Total River Recharge

15

0

0

0

SAR Passing Cuttle Weir

Mill Creek Passing Garnet

Flow in the River Above Alabama

0

0

Share of Lost Flow

Share of Lost Flow

Flowing Beyond Alabama