Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report Summary

Date: 5/22/2017

Time: 6:40:00 AM

	Flow Rate (cfs)	
A5	Total SAR Inflows	43.1
N2	Total SAR Deliveries	43.1
A1	SAR PH#3 Penstock (calc)	35.9
B1	BVMWC Highline	4.6
C1	Greenspot Pipeline	0.0
L2	SBVWCD Parshall Flume	4.1
G2	North Fork Canal Weir	8.7
H2	Edwards Canal	0.0
W1	Redlands Aqueduct (calc)	25.7
	Other	0.0

	Flow Rate (cfs)	
D3	Total MC Inflows	25.4
U3	Total MC Deliveries	25.4
К3	Yucaipa Pipeline	0.0
03	SBVWCD Spreading	6.0
Т3	MC #1 Flow (Cooley Hat)	25.4

	State Water Project	Flow Rate (cfs)
G	Total SWP Inflows	67.0
٧	Total SWP Deliveries	67.0
J	Northfork Canal	0.0
L	Redlands Aqueduct	0.0
М	Crafton Unger Lane	0.0
Т	Newport to BVMWC	0.9

Reservoir Levels	Feet
Observation at SOD	N/A
Crafton Reservoir Level (21.3)	19.7
Mentone Reservoir Level	17.0

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	2,751	0
Mill Creek	MC	4,915	99,700
Mill Creek	SWP	227	0
Redlands	SWP	33	0
Loma Linda	SWP	487	0
East Valley	SWP	4,694	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. EVWD blocked the River-pick up due to treatment issues. Valley Municipal and East Valley are splitting the Spreading at Santa Ana low.

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				Date: Time:	6:40:00						
					State W		Proiect				
H	Inflows						Deliveries				
А	BBMWD In-lieu	0.0	ч	EVWD Treatment Plant	0.0	М	Crafton Unger Lane	0.0	S	SBCFCD Grove	0.0
В	Muni test at Greenspot Station	0.0	1	Santa Ana Low Turnout	64.8	N	BVMWC Boullioun Box	0.0	Т	Newport for BVMWC	0.9
С	Exchange Water	0.0		Northfork Canal	0.0	Р	SARC West	0.0	U	M/C spreading at Zanja Tate	1.0
D	Purchased Water	67.0	К	Edwards Canal	0.0	Q	Zanja	0.0	w	Tres Lagos	0.3
E	Redlands Aqueduct Leakage		L			R	Tate Treatment Plant		_	Total SWP Deliveries	
	·	0.0	Ŀ	Redlands Aqueduct	0.0	K	Tate Treatment Plant	0.0	V	Total SWP Deliveries	67.0
F	Recharge Project	0.0 67.0									
G	Total SWP Inflows	67.0				<u> </u>					
CAR DH #2 Paratash (sala)					anta Ana	Rive	r Inflows				
	SAR PH #3 Penstock (calc)			BVMWC Highline		_	SOD Release Subtotal			Total SAR Inflows	
G2	Northfork Canal Weir	8.7	A2	Newport	0.0	_	BVMWC River PU (USGS)	2.6		SAR PH #3 Penstock (calc)	35.9
H2	Edwards Canal	0.0	D2	Boullioun Box Weir	4.6	E1	Main River Gage (USGS)	0.0	B1	BVMWC Highline	4.6
J2	Tailrace Valve to Parshall Flume	4.1	E2	Boullioun Box to Zanja	0.0			minus	C1	Greenspot Pipeline	0.0
K2	Northfork Parshall Flume	0.0	F2	SBVWCD Mill Creek Spreading	0.0	F1	Greenspot Spill	0.0	D1	BVMWC River PU (USGS)	2.6
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline	4.6	Z1	SOD Release Subtotal	2.6	E1	Main River Gage (USGS)	0.0
W1	Redlands Aqueduct / Sandbox	26.1							D1a	BV Pick-Up gated	
Y1	Redlands Sandbox Spill	0.0		Other					A5	Total SAR Inflows	43.1
	<u> </u>	minus	J1	Big Bear Lake Release	0.4	w	Observation at SOD	N/A			
D1	BVMWC River PU (USGS)	2.6	L1	SCE SAR AVM (SCADA)	43.8	х	SOD Reservoir Elevation (scada)	N/A		Edison Generation	
11	Redlands Tunnel	0.4	X1	SAR-MC Spread (Red. Aqueduct)	0.0	Υ	Debris Pool Elevation	N/A	SAR	PH#1 Generating	V
A1	SAR PH #3 Penstock (calc)	35.9	_			<u> </u>			_	PH#3 Generating	7
К1	PH3# Penstock (SCADA)	38.1								3	
	,			San	nta Ana F	iver	Deliveries				1
	Greenspot Pipeline			Tailrace Pipeline	ita zaia i		SBVWCD Parshall FlumeTo Basir			Deliveries	
M1	SBCFCD Grove	0.0		Northfork Canal Weir	0.7	J2	Tailrace Valve to Parshall Flume		1/4	SAR PH #3 Afterbay Spill	0.0
			G2		8.7	\vdash		4.1			0.0
N1	BVMWC Highline	0.0	H2	Edwards Canal	0.0	K2	Northfork Parshall Flume	0.0	W1		26.1
01	Newport for BVMWC	0.0	J2	Tailrace Valve to Parshall Flume	4.1	H1	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	4.1	Z2	Cuttle Weir To River	0.0
Q1	Crafton WC Unger Lane	0.0	12	Tailrace Pipeline	12.8		Parshall Flume (SCADA)	4.1	B1	BVMWC Highline	4.6
R1	BVMWC Highline to Boullioun	0.0							C1	Greenspot Pipeline	0.0
S1	Crafton WC Boullioun	0.0					Irrigation		12	Tailrace Pipeline	12.8
T1	Tate Pump Station to Zanja	0.0				D2	Boullioun Box Weir	4.6	L2	SBVWCD Parshall Flume	4.1
-											
CI	Greenspot Pipeline	0.0						minus			minus
C1	Greenspot Pipeline	0.0				B2	Gav Overflow		J2	Tailrace Valve to Parshall Flume	minus 4.1
CI	Greenspot Pipeline	0.0				B2 C2	Gay Overflow	2.0	J2 K2	Tailrace Valve to Parshall Flume	4.1
CI	Greenspot Pipeline	0.0				B2 C2	Gay Overflow Irrigation		K2	Northfork Parshall Flume	4.1 0.0
CI	Greenspot Pipeline	0.0				_	·	2.0	K2	Northfork Parshall Flume Redlands Tunnel	4.1 0.0 0.4
<u> </u>	Greenspot Pipeline	0.0				C2	Irrigation	2.0	K2	Northfork Parshall Flume	4.1 0.0
		0.0			Mill Cre	C2	Irrigation	2.0	K2	Northfork Parshall Flume Redlands Tunnel	4.1 0.0 0.4
	Total MC Inflows			Other	Mill Cre	C2	Irrigation	2.0	K2	Northfork Parshall Flume Redlands Tunnel	4.1 0.0 0.4
	Total MC Inflows RPU Flow	10.5	E3	<i>Other</i> M/C #1 Penstock Flow	Mill Cre	C2	Irrigation	2.0	K2	Northfork Parshall Flume Redlands Tunnel	4.1 0.0 0.4
	Total MC Inflows		E3			C2	Irrigation	2.0	K2	Northfork Parshall Flume Redlands Tunnel	4.1 0.0 0.4
A3	Total MC Inflows RPU Flow	10.5		M/C #1 Penstock Flow	25.4	C2	Irrigation	2.0	K2	Northfork Parshall Flume Redlands Tunnel	4.1 0.0 0.4
A3 B3	Total MC Inflows RPU Flow M/C #3 Penstock	10.5 14.9 0.0	F3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa	25.4	C2	Irrigation	2.0	K2	Northfork Parshall Flume Redlands Tunnel	4.1 0.0 0.4
A3 B3 C3	Total MC Inflows RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion	10.5 14.9 0.0	F3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet	25.4	cz ek Ir	Irrigation	2.0	K2	Northfork Parshall Flume Redlands Tunnel	4.1 0.0 0.4
A3 B3 C3	Total MC Inflows RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows	10.5 14.9 0.0	F3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet	25.4 0.0 0.0	cz ek Ir	Irrigation	2.0	K2	Northfork Parshall Flume Redlands Tunnel Total SAR Deliveries	4.1 0.0 0.4
A3 B3 C3 D3	Total MC Inflows RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline	10.5 14.9 0.0 25.4	F3 G3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat)	25.4 0.0 0.0 Mill Cree	ek Ir	Irrigation Iflows liveries Total MC Deliveries	2.0 2.6	K2 I1 N2	Northfork Parshall Flume Redlands Tunnel Total SAR Deliveries Other	4.1 0.0 0.4 43.1
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	10.5 14.9 0.0 25.4	F3 G3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow	25.4 0.0 0.0 Mill Cree	ek Ir	Irrigation Iflows Iiveries Total MC Deliveries SBVWCD Mill Creek Diversion	2.0 2.6	K2 I1 N2 H3	Northfork Parshall Flume Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level	4.1 0.0 0.4 43.1
A3 B3 C3 D3 I3 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	10.5 14.9 0.0 25.4	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	25.4 0.0 0.0 Mill Cree 9.5 6.0	ek Irr	liveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat)	2.0 2.6 0.0 25.4	K2 11 N2 H3 R3	Northfork Parshall Flume Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level Boullioun to BVMWC Highline	4.1 0.0 0.4 43.1
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	10.5 14.9 0.0 25.4	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	25.4 0.0 0.0 Mill Cree 9.5 6.0 9.9	k De	Irrigation Iflows Iiveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Mill Creek PH #2,3 Afterbay Spill	2.0 2.6 0.0 25.4 0.0	K2 11 N2 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	17.0 0.0 7.5
A3 B3 C3 D3 I3 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	10.5 14.9 0.0 25.4	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	25.4 0.0 0.0 Mill Cree 9.5 6.0 9.9	ek Irr	liveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat)	2.0 2.6 0.0 25.4	H3 R3 V3 W3	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	17.0 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	10.5 14.9 0.0 25.4 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	25.4 0.0 0.0 Mill Cree 9.5 6.0 9.9	k De	Irrigation Iflows Iiveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Mill Creek PH #2,3 Afterbay Spill	2.0 2.6 0.0 25.4 0.0	H3 R3 V3 W3	Northfork Parshall Flume Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal	17.0 0.0 7.5
A3 B3 C3 D3 I3 I3 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	10.5 14.9 0.0 25.4 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	25.4 0.0 0.0 Mill Cree 9.5 6.0 9.9	k De	Irrigation Iflows Iiveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Mill Creek PH #2,3 Afterbay Spill	2.0 2.6 0.0 25.4 0.0	H3 R3 V3 W3	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	17.0 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	10.5 14.9 0.0 25.4 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	25.4 0.0 0.0 Mill Cree 9.5 6.0 9.9	k De	Irrigation Iflows Iiveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Mill Creek PH #2,3 Afterbay Spill	2.0 2.6 0.0 25.4 0.0	H3 R3 V3 W3	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	17.0 0.0 7.5 0.0
A3 B3 C3 D3 I3 I3 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)	10.5 14.9 0.0 25.4 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	25.4 0.0 0.0 Mill Cree 9.5 6.0 9.9	k De	Irrigation Iflows Iiveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Mill Creek PH #2,3 Afterbay Spill	2.0 2.6 0.0 25.4 0.0	H3 R3 V3 W3	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	17.0 0.0 7.5 0.0
A3 B3 C3 D3 I3 J3 K3 C3	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)	10.5 14.9 0.0 25.4 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	25.4 0.0 0.0 Mill Cree 9.5 6.0 9.9	k De	Irrigation Iflows Iiveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Mill Creek PH #2,3 Afterbay Spill	2.0 2.6 0.0 25.4 0.0	H3 R3 V3 W3	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	17.0 0.0 7.5 0.0
A3 B3 C3 D3 I3 I3 I3 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 MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR)	10.5 14.9 0.0 25.4 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	25.4 0.0 0.0 Mill Cree 9.5 6.0 9.9	k De	Irrigation Iflows Iiveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Mill Creek PH #2,3 Afterbay Spill	2.0 2.6 0.0 25.4 0.0	H3 R3 V3 W3	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	17.0 0.0 7.5 0.0
A3 B3 C3 D3 I3 I3 K3 K3 W3	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) Mill Creek PH #2,3 Afterbay Spill	10.5 14.9 0.0 25.4 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	25.4 0.0 0.0 Mill Cree 9.5 6.0 9.9	k De	Irrigation Iflows Iiveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Mill Creek PH #2,3 Afterbay Spill	2.0 2.6 0.0 25.4 0.0	H3 R3 V3 W3	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	17.0 0.0 7.5 0.0
A3 B3 C3 D3 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) Mill Creek PH #2,3 Afterbay Spill SAR-MC Spread (Red. Aqueduct)	10.5 14.9 0.0 25.4 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	25.4 0.0 0.0 Mill Cree 9.5 6.0 9.9 25.4	k De	Irrigation Iflows Iiveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Mill Creek PH #2,3 Afterbay Spill Total MC Deliveries	2.0 2.6 0.0 25.4 0.0	H3 R3 V3 W3	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	17.0 0.0 7.5 0.0
A3 B3 C3 D3 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) Mill Creek PH #2,3 Afterbay Spill SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading	10.5 14.9 0.0 25.4 0.0 0.0 0.0 6.0 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)	25.4 0.0 0.0 Mill Cree 9.5 6.0 9.9	k De	liveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Mill Creek PH #2,3 Afterbay Spill Total MC Deliveries	0.0 25.4 0.0 25.4	H3 R3 V3 W3	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)	17.0 0.0 17.0 0.0 17.0 19.7
A3 B3 C3 D3 I3 J3 K3 C3 C3 C3 L3 M3 W3 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) Mill Creek PH #2,3 Afterbay Spill SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading	10.5 14.9 0.0 25.4 0.0 0.0 0.0 6.0 0.0 0.0 0.0 6.0	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)	25.4 0.0 0.0 Mill Cree 9.5 6.0 9.9 25.4	k De	liveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Mill Creek PH #2,3 Afterbay Spill Total MC Deliveries	2.0 2.6 0.0 25.4 0.0 25.4	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)	17.0 0.0 7.5 0.0 19.7
A3 B3 C3 D3 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) Mill Creek PH #2,3 Afterbay Spill SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading	10.5 14.9 0.0 25.4 0.0 0.0 0.0 6.0 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)	25.4 0.0 0.0 Mill Cree 9.5 6.0 9.9 25.4	k De	liveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Mill Creek PH #2,3 Afterbay Spill Total MC Deliveries	0.0 25.4 0.0 25.4	H3 R3 V3 W3	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)	17.0 0.0 7.5 0.0 19.7
A3 B3 C3 D3 I3 J3 K3 C3 C3 C3 C3 C3 C4 C4 C5 C4 C5 C5 C6 C6 C7	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) Mill Creek PH #2,3 Afterbay Spill SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River	10.5 14.9 0.0 25.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 6.0 0.0 0.0	F3 G3 Q3 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) 27.9	25.4 0.0 0.0 Mill Cree 9.5 6.0 9.9 25.4	k De	Irrigation Iflows 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) 19,208.9	2.0 2.6 0.0 25.4 0.0 25.4	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) 18,306.3	17.0 0.0 7.5 0.0 19.7
A3 B3 C3 D3 I3 J3 K3 K3 C3 C3 L3 M3 C4 M4 M4 M4 M4 M4 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) 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 Mill Creek Mill Creek Mill Creek	10.5 14.9 0.0 25.4 0.0 0.0 0.0 6.0 0.0 0.0 6.0 0.0 6.0	F3 G3 G3 F3 G3 F3 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) 27.9 0.0	25.4 0.0 0.0 Mill Cree 9.5 6.0 9.9 25.4	C2 Rek Ir C3 T3 W3 U3 C3 T4 G4 G4 G4 G4 G4 G4 G4 G4 G4	Irrigation Iflows 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) 19,208.9 1,349.9	2.0 2.6 0.0 25.4 0.0 25.4	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) 18,306.3 1,187.3	17.0 0.0 7.5 0.0 19.7
A3 B3 C3 D3 I3 I3 I3 K3 C3 C3 C3 C3 C3 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) Mill Creek PH #2,3 Afterbay Spill SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River Santa Ana River Mill Creek Mill Creek Mill Creek Mill Creek Mill Creek	10.5 14.9 0.0 25.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	P3 Q3 S3 T3 E4 N4 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) 27.9 0.0 193.6 69.7 7.2	25.4 0.0 0.0 Mill Cree 9.5 6.0 9.9 25.4	C2 Rek Ir	Irrigation Ifiows 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) 19,208.9 1,349.9 2,751.4 4,914.9 227.2	0.0 25.4 0.0 25.4 166,000	H3 R3 V3 W3 Y3	Other 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) 18,306.3 1,187.3 2,751.4 4,686.4 227.2	17.0 0.0 17.0 0.0 19.7
A3 B3 C3 D3 I3 J3 K3 K3 C3 C3 L3 M3 C4 M4 M4 M4 M4 M4 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) 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 Mill Creek Mill Creek Mill Creek	10.5 14.9 0.0 25.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	F3 G3 G3 F3 G3 F3 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) 27.9 0.0 193.6 69.7	25.4 0.0 0.0 Mill Cree 9.5 6.0 9.9 25.4	C2 Rek Ir C3 T3 W3 U3 C3 T4 G4 G4 G4 G4 G4 G4 G4 G4 G4	Irrigation Ifiows Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Mill Creek PH #2,3 Afterbay Spill Total MC Deliveries WY To Date (AF) 19,208.9 1,349.9 2,751.4 4,914.9	0.0 25.4 0.0 25.4 166,000	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) 18,306.3 1,187.3 2,751.4 4,686.4	17.0 0.0 17.0 0.0 19.7

4,694.1

Estimate SAR flow (cfs)

Total River Flow (cfs)

Estimate Mill Creek flow (cfs)

0

0

193.6

Share of Lost SAR Flow

Flowing Beyond Alabama

Share of Lost Mill Creek Flow

SWP

0

0

0

East Valley

SAR Passing Cuttle Weir (cfs)

Mill Creek Passing Garnet (cfs) Flow in the River Above Alabama 1,025.7

0

Estimate SAR Recharge (AF)

Total River Recharge (AF)

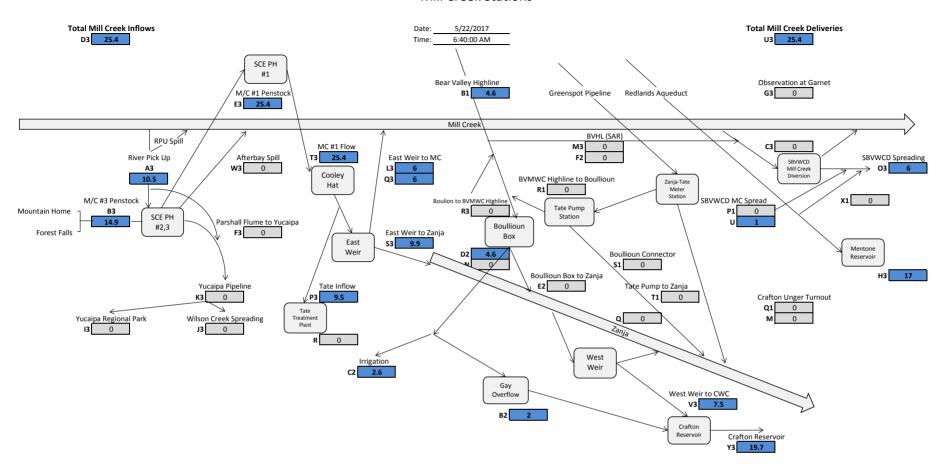
Estimate Mill Creek Recharge (AF)

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

