Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report Summary

Date: 7/26/2017

Time: 6:45:00 AM

	Flow Rate (cfs)	
A5	Total SAR Inflows	24.9
N2	Total SAR Deliveries	24.9
A1	SAR PH#3 Penstock (calc)	16.7
B1	BVMWC Highline	6.0
C1	Greenspot Pipeline	0.0
L2	SBVWCD Parshall Flume	3.0
G2	North Fork Canal Weir	9.0
H2	Edwards Canal	1.0
W1	Redlands Aqueduct (calc)	5.9
	Other	0.0

	Flow Rate (cfs)	
D3	Total MC Inflows	21.0
U3	Total MC Deliveries	21.0
К3	Yucaipa Pipeline	0.0
03	SBVWCD Spreading	3.5
Т3	MC #1 Flow (Cooley Hat)	21.0

	Flow Rate (cfs)	
G	Total SWP Inflows	36.0
٧	Total SWP Deliveries	36.0
J	Northfork Canal	0.0
L	Redlands Aqueduct	18.0
М	Crafton Unger Lane	0.0
Т	Newport to BVMWC	0.5

Reservoir Levels	Feet
Observation at SOD	N/A
Crafton Reservoir Level (21.3)	18.9
Mentone Reservoir Level	21.3

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)	Target
Santa Ana River	SAR	19,390	166,000
Santa Ana River to Mill Creek	SAR-MC	1,462	0
Santa Ana River	SWP	5,790	0
Mill Creek	MC	5,355	99,700
Mill Creek	SWP	1,431	0
Redlands	SWP	33	0
Loma Linda	SWP	487	0
East Valley	SWP	6,484	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 is spreading in Mill Creek. Also Bear Valley had the river pick up gates fixed and the construction crew left them shut. I will be opening them up this morning.

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Date: 7/26/2017 Time: 6:45:00 AM

				Date: Time:	6:45:00						
					State Wa		Project				
<u> </u>	1.0		. —		State w	ater					
-	Inflows		⊩	In a up w		_	Deliveries			50.05.00	
Α	BBMWD In-lieu	18.0	` H	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	0.0	N	BVMWC Boullioun Box	0.0	T	Newport for BVMWC	0.5
С	Exchange Water	0.0	J	Northfork Canal	0.0	P	SARC West	0.0	U	M/C spreading at Zanja Tate	17.5
D	Purchased Water	18.0	K	Edwards Canal	0.0	Q	Zanja	0.0	W	Tres Lagos	0.0
Е	Redlands Aqueduct Leakage	0.0	L	Redlands Aqueduct	18.0	R	Tate Treatment Plant	0.0	v	Total SWP Deliveries	36.0
F	Recharge Project	0.0	-								
G	Total SWP Inflows	36.0									
F				Sa	nta Ana	Rive	r Inflows				
SAR PH #3 Penstock (calc)			1	BVMWC Highline			SOD Release Subtotal			Total SAR Inflows	
G2	Northfork Canal Weir	0.0	l	Newport	0.0	D1	BVMWC River PU (USGS)	0.7	Λ1	SAR PH #3 Penstock (calc)	16.7
\vdash		9.0	A2	'	0.0	_	, ,				
H2	Edwards Canal	1.0	D2	Boullioun Box Weir	6.0	E1	Main River Gage (USGS)	1.5		BVMWC Highline	6.0
J2	Tailrace Valve to Parshall Flume	0.0	E2	Boullioun Box to Zanja	0.0			minus	_	Greenspot Pipeline	0.0
K2	Northfork Parshall Flume	1.5	F2	SBVWCD Mill Creek Spreading	0.0	F1	Greenspot Spill	0.0	D1	BVMWC River PU (USGS)	0.7
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline	6.0	Z1	SOD Release Subtotal	2.2	E1	Main River Gage (USGS)	1.5
W1	Redlands Aqueduct / Sandbox	6.2							D1a	BV Pick-Up gated	
Y1	Redlands Sandbox Spill	0.0		Other					A5	Total SAR Inflows	24.9
		minus	J1	Big Bear Lake Release	0.8	w	Observation at SOD	N/A			4
D1	BVMWC River PU (USGS)	0.7	L1	SCE SAR AVM (SCADA)	26.3	х	SOD Reservoir Elevation (scada)	N/A		Edison Generation	
11	Redlands Tunnel	0.3	X1	SAR-MC Spread (Red. Aqueduct)	0.0		Debris Pool Elevation	N/A	SAR	PH#1 Generating	7
A1	SAR PH #3 Penstock (calc)			s, ii. iiie spread (near riquedder)	0.0	<u> </u>	Desiris Feer Elevation	14//1	_	PH#3 Generating	_ _
_			ł						SAN	FII#3 Generating	Ū
K1	PH3# Penstock (SCADA)	17.1									
				San	ita Ana F	liver	Deliveries				
	Greenspot Pipeline			Tailrace Pipeline			SBVWCD Parshall FlumeTo Basir	ns		Deliveries	
M1	SBCFCD Grove	0.0	G2	Northfork Canal Weir	9.0	J2	Tailrace Valve to Parshall Flume	0.0	V1	SAR PH #3 Afterbay Spill	0.0
N1	BVMWC Highline	0.0	Н2	Edwards Canal	1.0	K2	Northfork Parshall Flume	1.5	W1	Redlands Aqueduct / Sandbox	6.2
01	Newport for BVMWC	0.0	J2	Tailrace Valve to Parshall Flume	0.0	H1	SBVWCD Diversion	1.5	Y1	Redlands Sandbox Spill	0.0
P1	SBVWCD Mill Creek Spreading	0.0	K2	Northfork Parshall Flume	1.5	L2	SBVWCD Parshall Flume	3.0	Z2	Cuttle Weir To River	0.0
\vdash			-								
Q1	Crafton WC Unger Lane	0.0	12	Tailrace Pipeline	11.5		Parshall Flume (SCADA)	3.1	_	BVMWC Highline	6.0
R1	BVMWC Highline to Boullioun	0.0							C1	Greenspot Pipeline	0.0
S1	Crafton WC Boullioun	0.0					Irrigation		12	Tailrace Pipeline	11.5
T1	Tate Pump Station to Zanja	0.0				D2	Boullioun Box Weir	6.0	L2	SBVWCD Parshall Flume	3.0
C1	Greenspot Pipeline	0.0	1					minus			minus
			a			В2	Gay Overflow	2.0	J2	Tailrace Valve to Parshall Flume	0.0
						C2	Irrigation	4.0	К2	Northfork Parshall Flume	1.5
								4.0			
						_					
									l1	Redlands Tunnel	0.3
										Total SAR Deliveries	
					Mill Cre	ek Ir	nflows		l1		0.3
	Total MC Inflows			Other	Mill Cre	ek Ir	nflows		l1		0.3
A3	Total MC Inflows RPU Flow	6.3	E3	Other M/C #1 Penstock Flow	Mill Cre	ek Ir	nflows		l1		0.3
A3 B3			1	M/C #1 Penstock Flow	21.0	ek Ir	nflows		l1		0.3
В3	RPU Flow M/C #3 Penstock	14.7	F3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa	21.0	ek Ir	nflows		l1		0.3
B3	RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion	14.7 0.0	F3	M/C #1 Penstock Flow	21.0	ek Ir	nflows		l1		0.3
В3	RPU Flow M/C #3 Penstock	14.7 0.0	F3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet	21.0 0.0 0.0				l1		0.3
B3	RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows	14.7 0.0	F3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet	21.0		liveries		l1	Total SAR Deliveries	0.3
B3	RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline	14.7 0.0	F3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat)	21.0 0.0 0.0	k De	liveries Total MC Deliveries		11 N2	Total SAR Deliveries Other	0.3 24.9
B3	RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows	14.7 0.0	F3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet	21.0 0.0 0.0	k De	liveries	0.0	11 N2	Total SAR Deliveries	0.3
B3 C3 D3	RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline	14.7 0.0 21.0	F3 G3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat)	21.0 0.0 0.0	k De	liveries Total MC Deliveries	0.0 21.0	11 N2	Total SAR Deliveries Other	0.3 24.9
B3 C3 D3	RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park	14.7 0.0 21.0	F3 G3	M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow	21.0 0.0 0.0 Mill Cree	k De	liveries Total MC Deliveries SBVWCD Mill Creek Diversion		11 N2	Total SAR Deliveries Other Mentone Reservoir Level	0.3 24.9
B3 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	14.7 0.0 21.0 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	21.0 0.0 0.0 Mill Cree 12.5 3.5 5.0	k De	Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Mill Creek PH #2,3 Afterbay Spill	21.0 0.0	11 N2 H3 R3	Other Mentone Reservoir Level Boullioun to BVMWC Highline	21.3 0.0 3.0
B3 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	14.7 0.0 21.0 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 East Weir to Zanja	21.0 0.0 0.0 Mill Cree 12.5 3.5 5.0	к De сз тз wз	liveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat)	21.0	H3 R3 V3 W3	Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill	21.3 0.0 3.0 0.0
B3 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	14.7 0.0 21.0 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	21.0 0.0 0.0 Mill Cree 12.5 3.5 5.0	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	21.0 0.0	H3 R3 V3 W3	Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal	21.3 0.0 3.0
B3 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	14.7 0.0 21.0 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	21.0 0.0 0.0 Mill Cree 12.5 3.5 5.0	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	21.0 0.0	H3 R3 V3 W3	Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill	21.3 0.0 3.0 0.0
B3 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 21.0 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	21.0 0.0 0.0 Mill Cree 12.5 3.5 5.0	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	21.0 0.0	H3 R3 V3 W3	Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill	21.3 0.0 3.0 0.0
B3 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 East Weir (MC)	14.7 0.0 21.0 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	21.0 0.0 0.0 Mill Cree 12.5 3.5 5.0	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	21.0 0.0	H3 R3 V3 W3	Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill	21.3 0.0 3.0 0.0
B3 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 21.0 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	21.0 0.0 0.0 Mill Cree 12.5 3.5 5.0	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	21.0 0.0	H3 R3 V3 W3	Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill	21.3 0.0 3.0 0.0
B3 C3 D3 I3 I3 K3 C3 C3 M3	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 21.0 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	21.0 0.0 0.0 Mill Cree 12.5 3.5 5.0	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	21.0 0.0	H3 R3 V3 W3	Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill	21.3 0.0 3.0 0.0
B3 C3 D3 I3 J3 K3 K3 W3	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 21.0 0.0 0.0 0.0 0.0 0.0 3.5 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	21.0 0.0 0.0 Mill Cree 12.5 3.5 5.0	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	21.0 0.0	H3 R3 V3 W3	Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill	21.3 0.0 3.0 0.0
B3 C3 D3 I3 J3 K3 C3 C3 M3 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	0.0 21.0 0.0 0.0 0.0 0.0 0.0 3.5 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	21.0 0.0 0.0 Mill Cree 12.5 3.5 5.0 21.0	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	21.0 0.0	H3 R3 V3 W3	Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill	21.3 0.0 3.0 0.0
B3 C3 D3 I3 J3 K3 C3 C3 M3 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 3.5 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)	21.0 0.0 0.0 Mill Cree 12.5 3.5 5.0	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	21.0 0.0 21.0	H3 R3 V3 W3	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)	21.3 0.0 3.0 0.0 18.9
B3 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) BVHL (SAR) Mill Creek PH #2,3 Afterbay Spill SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading	14.7 0.0 21.0 0.0 0.0 0.0 0.0 3.5 0.0 0.0 0.0 3.5	F3 G3 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)	21.0 0.0 0.0 Mill Cree 12.5 3.5 5.0 21.0	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)	21.0 0.0 21.0	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)	0.3 24.9 21.3 0.0 3.0 0.0 18.9
B3 C3 D3 I3 J3 K3 C3 C3 C3 C3 C3 C3 C3 C3 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	14.7 0.0 21.0 0.0 0.0 0.0 0.0 3.5 0.0 0.0 0.0 3.5	F3 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) 5.0	21.0 0.0 0.0 Mill Cree 12.5 3.5 5.0 21.0	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) 19,390.1	21.0 0.0 21.0	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) 18,487.5	21.3 0.0 3.0 0.0 18.9
B3 C3 D3 I3 J3 K3 C3 C3 L3 M3 W3 C3 C4 M4 M4	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	14.7 0.0 21.0 0.0 0.0 0.0 0.0 3.5 0.0 0.0 3.5 0.0 0.0 3.5 0.0 0.0 3.5	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) 5.0 0.0	21.0 0.0 0.0 Mill Cree 12.5 3.5 5.0 21.0	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) 19,390.1 1,461.7	21.0 0.0 21.0	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) 18,487.5 1,299.1	0.3 24.9 21.3 0.0 3.0 0.0 18.9
C3 L3 W3 X1 O3 A4 M4 B4	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	14.7 0.0 21.0 0.0 0.0 0.0 0.0 0.0 3.5 0.0 0.0 0.0 3.5 0.0 0.0 3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	F3 G3 P3 Q3 S3 T3 F3 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) 5.0 0.0 0.0	21.0 0.0 0.0 Mill Cree 12.5 3.5 5.0 21.0	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) 19,390.1 1,461.7 5,789.7	21.0 0.0 21.0	H3 R3 V3 V3 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) 18,487.5 1,299.1 5,789.7	21.3 0.0 3.0 0.0 18.9
C3 I3	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	14.7 0.0 21.0 0.0 0.0 0.0 0.0 3.5 0.0 0.0 0.0 3.5 0.0 0.0 3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	F3 G3 P3 Q3 S3 T3 F4 P4	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) 5.0 0.0 0.0 7.1	21.0 0.0 0.0 Mill Cree 12.5 3.5 5.0 21.0	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) 19,390.1 1,461.7 5,789.7 5,355.4	21.0 0.0 21.0	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) 18,487.5 1,299.1 5,789.7 5,126.8	0.3 24.9 21.3 0.0 3.0 0.0 18.9
C3 L3 W3 X1 O3 A4 M4 B4	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	14.7 0.0 21.0 0.0 0.0 0.0 0.0 0.0 3.5 0.0 0.0 0.0 3.5 0.0 0.0 3.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	F3 G3 P3 Q3 S3 T3 F3 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) 5.0 0.0 0.0	21.0 0.0 0.0 Mill Cree 12.5 3.5 5.0 21.0	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) 19,390.1 1,461.7 5,789.7	21.0 0.0 21.0	H3 R3 V3 V3 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) 18,487.5 1,299.1 5,789.7	21.3 0.0 3.0 0.0 18.9

486.6

6.484.4

Estimate SAR flow (cfs)

Total River Flow (cfs)

Estimate Mill Creek flow (cfs)

0

0

1,939.8

2.816.0

0

0

Estimate SAR Recharge (AF)

Total River Recharge (AF)

Estimate Mill Creek Recharge (AF)

0

0

0

Loma Linda

SAR Passing Cuttle Weir (cfs)

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

East Valley

SWP

SWP

0

0

0

0.0

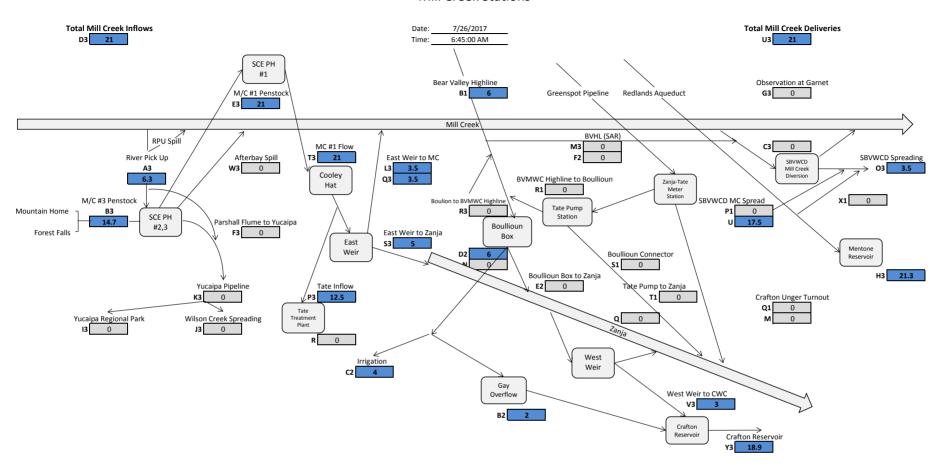
0.0

Share of Lost SAR Flow

Share of Lost Mill Creek Flow

Flowing Beyond Alabama

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



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

