

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report				Date: May 1, 2015
							Time: 0730
State Water Project							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	¹ EVWD Treatment Plant	0.0	(+)P	¹ SARC West
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	¹ Santa Ana Low Turnout	0.0	(+)Q	¹ Zanja
(+)C	Exchange Water	0.0	(+)J	¹ Northfork Canal	3.1	(+)R	¹ Tate Treatment Plant
(+)D	Purchased Water	3.7	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	0.0	(+)T	¹ Newport for BVMWC
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	0.0	(+)U	¹ M/C spreading @ ZT
(Σ)G	Total SWP Inflows	3.7	(+)N	¹ BVMWC Boullioun Box	0.0		
				Observation at SOD	2145.80	(Σ)V	Total SWP Deliveries
Santa Ana River				SOD Reservoir Elevation			Debris Pool Elevation
							0.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	8.7	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport
(+)B1	BVMWC Highline	2.8	(+)N1	BVMWC Highline	0.0	(+)B2	Gay Overflow
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	Irrigation
(+)F1	Greenspot Spill	0.5	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir
A4	SAR Inflow-SubTotal-1	12.0	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja
(+)D1	BVMWC Rvr PU-USGS, Flume	9.9	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread
(+)E1	Main River Gage (USGS)	0.0	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline
Z1	SOD ReleaseSubTotal D1+E1	9.9	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir
(Σ)G1	SubTotal 1+2 SAR Inflows	21.9	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.0	(+) J2	Tailrace Valve
(Σ)A5	Total SAR Inflows	21.9	W1	Redlands Aqueduct / Sandbox	11.7	(+)K2	Northfork Parshall Flume
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline
I1	Redlands Tunnel	1.0	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins
J1	^a Big Bear Lake Release	1.2	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline
K1	PH#3 Penstock (SCADA)	9.6				(Σ)N2	¹ Total SAR Deliveries
L1	SCE SAR AVM (SCADA)	12.9					21.9
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek
(+) A3	RPU Flow	2.3	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline
(+) B3	M/C #3 Penstock	6.0	(+)L3	East Weir (MC)	2.0	(+)S3	East Weir to Zanja
(+) C3	SBVWCD Mill Creek Diversion	0.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)
(Σ) D3	Total MC Inflows	8.3	(+)C3	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries
E3	M/C #1 Penstock Flow	8.3	(Σ)O3	SBVWCD Spreading	2.0	V3	Zanja West Weir to CWC Canal
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill
G3	Observation at Garnet Bridge	0.0					
H3			I3	Mentone Reser. Level (23.0)	19.8	Y3	Crafton Reser. Level (21.3)
SBVWCD Recharge							
	Location	Type		Previous Day (AF)			WY To Date (AF)
A4	Santa Ana River	SAR	E4	10		I4	2,502
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0		O4	107
B4	Santa Ana River	SWP	F4	0		J4	81
C4	Mill Creek	MC	G4	4		K4	956
D4	Mill Creek	SWP	H4	0		L4	0
	SBVMWD	SWP		0			0
	WMWD	SWP					
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge ¹⁸
	Mill Creek Passing Garnet	MC	0	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹
	Flow in the River Above Alabama	Total	0	Flowing Beyond Alabama	0		Total River Recharge

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report				Date: May 4, 2015
							Time: 0800
State Water Project							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	¹ EVWD Treatment Plant	0.0	(+)P	¹ SARC West
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	¹ Santa Ana Low Turnout	0.0	(+)Q	¹ Zanja
(+)C	Exchange Water	0.0	(+)J	¹ Northfork Canal	3.1	(+)R	¹ Tate Treatment Plant
(+)D	Purchased Water	4.5	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	0.0	(+)T	¹ Newport for BVMWC
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	0.0	(+)U	¹ M/C spreading @ ZT
(Σ)G	Total SWP Inflows	4.5	(+)N	¹ BVMWC Boullioun Box	0.0		
				Observation at SOD	2143.50	(Σ)V	Total SWP Deliveries
Santa Ana River				SOD Reservoir Elevation			Debris Pool Elevation
							0.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	11.4	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport
(+)B1	BVMWC Highline	2.8	(+)N1	BVMWC Highline	0.0	(+)B2	Gay Overflow
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	Irrigation
(+)F1	Greenspot Spill	0.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir
A4	SAR Inflow-SubTotal-1	14.2	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja
(+)D1	BVMWC Rvr PU-USGS, Flume	8.8	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread
(+)E1	Main River Gage (USGS)	0.0	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline
Z1	SOD ReleaseSubTotal D1+E1	8.8	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir
(Σ)G1	SubTotal 1+2 SAR Inflows	23.0	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.0	(+) J2	Tailrace Valve
(Σ)A5	Total SAR Inflows	23.0	W1	Redlands Aqueduct / Sandbox	13.7	(+)K2	Northfork Parshall Flume
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline
I1	Redlands Tunnel	1.0	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins
J1	^a Big Bear Lake Release	1.2	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline
K1	PH#3 Penstock (SCADA)	8.6				(Σ)N2	¹ Total SAR Deliveries
L1	SCE SAR AVM (SCADA)	12.4					23.0
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek
(+) A3	RPU Flow	2.5	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline
(+) B3	M/C #3 Penstock	6.6	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja
(+) C3	SBVWCD Mill Creek Diversion	0.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)
(Σ) D3	Total MC Inflows	9.1	(+)C3	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries
E3	M/C #1 Penstock Flow	9.1	(Σ)O3	SBVWCD Spreading	0.0	V3	Zanja West Weir to CWC Canal
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill
G3	Observation at Garnet Bridge	0.0					
H3			I3	Mentone Reser. Level (23.0)	21.3	Y3	Crafton Reser. Level (21.3)
SBVWCD Recharge							
	Location	Type		Previous Day (AF)			WY To Date (AF)
A4	Santa Ana River	SAR	E4	30		I4	2,532
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0		O4	107
B4	Santa Ana River	SWP	F4	0		J4	81
C4	Mill Creek	MC	G4	4		K4	960
D4	Mill Creek	SWP	H4	0		L4	0
	SBVMWD	SWP		0			0
	WMWD	SWP					
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge ¹⁸
	Mill Creek Passing Garnet	MC	0	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹
	Flow in the River Above Alabama	Total	0	Flowing Beyond Alabama	0		Total River Recharge

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 5/5/2015

Time: 7:30:00 AM

State Water Project

Inflows			Deliveries			Seven Oaks Dam		
A	BBMWD In-lieu	0	H	EVWD Treatment Plant	0	w	Observation at SOD	2143.5
B	Muni test at Greenspot Station	0	I	Santa Ana Low Turnout	0	x	SOD Reservoir Elevation	0
C	Exchange Water	0	J	Northfork Canal	3.1	y	Debris Pool Elevation	0
D	Purchased Water	4.5	K	Edwards Canal	0			
E	Redlands Aqueduct Leakage	0	L	Redlands Aqueduct	0			
F	Recharge Project	0	M	Crafton Unger Lane	0			
G	Total SWP Inflows	4.5	N	BVMWC Boullioun Box	0			
			P	SARC West	0			
			Q	Zanja	0			
			R	Tate Treatment Plant	0			
			S	SBCFCD Grove	0			
			T	Newport for BVMWC	1.4			
			U	M/C spreading at Zanja Tate	0			
			V	Total SWP Deliveries	4.5			

Santa Ana River Inflows

SAR PH #3 Penstock			BVMWC Highline			SOD Release Subtotal			Total SAR Inflows		
G2	Northfork Canal Weir	2.3	A2	Newport	0	D1	BVMWC River PU (USGS)	7.8	A1	SAR PH #3 Penstock	12.3
H2	Edwards Canal	0.8	D2	Boullioun Box Weir	2.6	E1	Main River Gage (USGS)	0	B1	BVMWC Highline	2.6
J2	Tailrace Valve	0	E2	Boullioun Box to Zanja	0	Z1	SOD Release Subtotal	7.8	C1	Greenspot Pipeline	0
K2	Northfork Parshall Flume	5	F2	SBVWCD Mill Creek Spreading	0				D1	BVMWC River PU (USGS)	7.8
V1	PH#3 Afterbay SpillLoss to SAR	0	B1	BVMWC Highline	2.6				F1	Greenspot Spill	0
W1	Redlands Aqueduct / Sandbox	13							E1	Main River Gage (USGS)	0
Y1	Redlands Sandbox Spill	0							D1a	BV Pick-Up gated	0
	minus								A5	Total SAR Inflows	22.7
F1	Greenspot Spill	0									
D1	BVMWC River PU (USGS)	7.8									
I1	Redlands Tunnel	1									
A1	SAR PH #3 Penstock	12.3									
K1	PH3# Penstock (SCADA)	10.5									

Other		
J1	Big Bear Lake Release	1.2
L1	SCE SAR AVM (SCADA)	14.6

Santa Ana River Deliveries

Greenspot Pipeline			Tailrace Pipeline			SBVWCD Parshall FlumeTo Basins			Deliveries		
M1	SBCFCD Grove	0	G2	Northfork Canal Weir	2.3	J2	Tailrace Valve to Parshall Flume	0	V1	SAR PH #3 Afterbay Spill	0
N1	BVMWC Highline	0	H2	Edwards Canal	0.8	K2	Northfork Parshall Flume	5	W1	Redlands Aqueduct / Sandbox	13
O1	Newport for BVMWC	0	J2	Tailrace Valve to Parshall Flume	0	H1	SBVWCD Diversion	0	Y1	Redlands Sandbox Spill	0
P1	SBVWCD Mill Creek Spreading	0	K2	Northfork Parshall Flume	5	L2	SBVWCD Parshall Flume	5	Z2	Cuttle Weir To River	0
Q1	Crafton WC Unger Lane	0	I2	Tailrace Pipeline	8.1		Parshall Flume (SCADA)	5	B1	BVMWC Highline	2.6
R1	BVMWC Highline to Boullioun	0							C1	Greenspot Pipeline	0
S1	Crafton WC Boullioun	0							I2	Tailrace Pipeline	8.1
T1	Tate Pump Station to Zanja	0							L2	SBVWCD Parshall Flume	5
C1	Greenspot Pipeline	0								minus	
									J2	Tailrace Valve	0
									K2	Northfork Parshall Flume	5
									I1	Redlands Tunnel	1
									N2	Total SAR Deliveries	22.7

Irrigation		
D2	Boullioun Box Weir	2.6
	minus	
B2	Gay Overflow	2.6
C2	Irrigation	0

Mill Creek Inflows

Total MC Inflows			Other		
A3	RPV Flow	2.5	E3	M/C #1 Penstock Flow	8.8
B3	M/C #3 Penstock	6.3	F3	Stream Parshall Flume to Yucaipa	0
C3	SBVWCD Mill Creek Diversion	0	G3	Observation at Garnet	0
D3	Total MC Inflows	8.8			

Mill Creek Deliveries

Yucaipa Pipeline			MC #1 Flow (Cooley Hat)			Total MC Deliveries			Other		
I3	Yucaipa Regional Park	0	P3	Tate Inflow	6.3	C3	SBVWCD Mill Creek Diversion	0	H3	Mentone Reservoir Level	20.8
J3	Wilson Creek Spreading	0	Q3	East Weir to Mill Creek	0	T3	Mill Creek #1 Flow (Cooley Hat)	8.8	R3	Boullioun to BVMWC Highline	0
K3	Yucaipa Pipeline	0	S3	East Weir to Zanja	2.5	U3	Total MC Deliveries	8.8	V3	Zanja West Weir to CWC Canal	1.8
			T3	MC #1 Flow (Cooley Hat)	8.8				W3	Mill Creek PH #2,3 Afterbay Spill	0
									Y3	Crafton Reservoir Level (21.3)	18

SBVWCD Spreading		
C3	SBVWCD Mill Creek Diversion	0
L3	East Weir (MC)	0
M3	BVHL (SAR)	0
O3	SBVWCD Spreading	0

SBVWCD Recharge

Location		Type	Previous Day (AF)		WY To Date (AF)		Target
A4	Santa Ana River	SAR	E4	10	I4	2,542	123,000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	107	
B4	Santa Ana River	SWP	F4	0	J4	81	
C4	Mill Creek	MC	G4	0	K4	960	73,800
D4	Mill Creek	SWP	H4	0	L4	0	714
	SBVMWD	SWP		0		0	
	WMWD	SWP					

SAR Passing Cuttle Weir	0	Share of Lost Flow	0	Estimate SAR Recharge	0
Mill Creek Passing Garnet	0	Share of Lost Flow	0	Estimate Mill Creek Recharge	0
Flow in the River Above Alabama	0	Flowing Beyond Alabama	0	Total River Recharge	0

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 5/6/2015
Time: 7:30:00 AM

State Water Project					
Inflows			Deliveries		Seven Oaks Dam
A	BBMWD In-lieu	0	H	EVWD Treatment Plant	0
B	Muni test at Greenspot Station	0	I	Santa Ana Low Turnout	0
C	Exchange Water	0	J	Northfork Canal	3.1
D	Purchased Water	3.1	K	Edwards Canal	0
E	Redlands Aqueduct Leakage	0	L	Redlands Aqueduct	0
F	Recharge Project	0	M	Crafton Unger Lane	0
G	Total SWP Inflows	3.1	N	BVMWC Boullioun Box	0
			P	SARC West	0
			Q	Zanja	0
			R	Tate Treatment Plant	0
			S	SBCFCD Grove	0
			T	Newport for BVMWC	0
			U	M/C spreading at Zanja Tate	0
			V	Total SWP Deliveries	3.1

Santa Ana River Inflows					
SAR PH #3 Penstock			BVMWC Highline		SOD Release Subtotal
G2	Northfork Canal Weir	3.1	A2	Newport	0
H2	Edwards Canal	0	D2	Boullioun Box Weir	3
J2	Tailrace Valve	0	E2	Boullioun Box to Zanja	0
K2	Northfork Parshall Flume	2.0	F2	SBVWCD Mill Creek Spreading	0
V1	PH#3 Afterbay SpillLoss to SAR	0	B1	BVMWC Highline	3
W1	Redlands Aqueduct / Sandbox	13			
Y1	Redlands Sandbox Spill	0			
	minus				
F1	Greenspot Spill	0.2			
D1	BVMWC River PU (USGS)	7.5			
I1	Redlands Tunnel	1.0			
A1	SAR PH #3 Penstock	9.4			
K1	PH3# Penstock (SCADA)	10.5			

Total SAR Inflows	
A1	SAR PH #3 Penstock 9.4
B1	BVMWC Highline 3
C1	Greenspot Pipeline 0
D1	BVMWC River PU (USGS) 7.5
F1	Greenspot Spill 0.2
E1	Main River Gage (USGS) 0
D1a	BV Pick-Up gated 0
A5	Total SAR Inflows 20.1

Other	
J1	Big Bear Lake Release 1.2
L1	SCE SAR AVM (SCADA) 14.5

Santa Ana River Deliveries											
Greenspot Pipeline			Tailrace Pipeline			SBVWCD Parshall FlumeTo Basins			Deliveries		
M1	SBCFCD Grove	0	G2	Northfork Canal Weir	3.1	J2	Tailrace Valve to Parshall Flume	0	V1	SAR PH #3 Afterbay Spill	0
N1	BVMWC Highline	0	H2	Edwards Canal	0	K2	Northfork Parshall Flume	2.0	W1	Redlands Aqueduct / Sandbox	13
O1	Newport for BVMWC	0	J2	Tailrace Valve to Parshall Flume	0	H1	SBVWCD Diversion	0	Y1	Redlands Sandbox Spill	0
P1	SBVWCD Mill Creek Spreading	0	K2	Northfork Parshall Flume	2	L2	SBVWCD Parshall Flume	2.0	Z2	Cuttle Weir To River	0
Q1	Crafton WC Unger Lane	0	I2	Tailrace Pipeline	5.1		Parshall Flume (SCADA)	5.6	B1	BVMWC Highline	3
R1	BVMWC Highline to Boullioun	0							C1	Greenspot Pipeline	0
S1	Crafton WC Boullioun	0							I2	Tailrace Pipeline	5.1
T1	Tate Pump Station to Zanja	0							L2	SBVWCD Parshall Flume	2
C1	Greenspot Pipeline	0									minus
									J2	Tailrace Valve	0
									K2	Northfork Parshall Flume	2
									I1	Redlands Tunnel	1
									N2	Total SAR Deliveries	20.1

Mill Creek Inflows					
Total MC Inflows			Other		
A3	RPU Flow	2.5	E3	M/C #1 Penstock Flow	8.4
B3	M/C #3 Penstock	5.9	F3	Stream Parshall Flume to Yucaipa	0
C3	SBVWCD Mill Creek Diversion	0	G3	Observation at Garnet	0
D3	Total MC Inflows	8.4			

Mill Creek Deliveries					
Yucaipa Pipeline			MC #1 Flow (Cooley Hat)		Total MC Deliveries
I3	Yucaipa Regional Park	0	P3	Tate Inflow	6.4
J3	Wilson Creek Spreading	0	Q3	East Weir to Mill Creek	0
K3	Yucaipa Pipeline	0	S3	East Weir to Zanja	2
			T3	MC #1 Flow (Cooley Hat)	8.4

SBVWCD Spreading	
C3	SBVWCD Mill Creek Diversion 0
L3	East Weir (MC) 0.0
M3	BVHL (SAR) 0
O3	SBVWCD Spreading 0

Other	
H3	Mentone Reservoir Level 20.8
R3	Boullioun to BVMWC Highline 0
V3	Zanja West Weir to CWC Canal 1.4
W3	Mill Creek PH #2,3 Afterbay Spill 0
Y3	Crafton Reservoir Level (21.3) 18

SBVWCD Recharge							
Location		Type	Previous Day (AF)		WY To Date (AF)		Target
A4	Santa Ana River	SAR	E4	6	I4	2,544	123,000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	107	
B4	Santa Ana River	SWP	F4	0	J4	81	
C4	Mill Creek	MC	G4	0	K4	960	73,800
D4	Mill Creek	SWP	H4	0	L4	0	714
	SBVMWD	SWP		0		0	
	WMWD	SWP					
SAR Passing Cuttle Weir		0	Share of Lost Flow		Estimate SAR Recharge		0
Mill Creek Passing Garnet		0	Share of Lost Flow		Estimate Mill Creek Recharge		0
Flow in the River Above Alabama		0	Flowing Beyond Alabama		Total River Recharge		0

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 5/7/2015
Time: 7:30:00 AM

State Water Project					
Inflows			Deliveries		
A	BBMWD In-lieu	0	H	EVWD Treatment Plant	0
B	Muni test at Greenspot Station	0	I	Santa Ana Low Turnout	0
C	Exchange Water	0	J	Northfork Canal	3
D	Purchased Water	3	K	Edwards Canal	0
E	Redlands Aqueduct Leakage	0	L	Redlands Aqueduct	0
F	Recharge Project	0	M	Crafton Unger Lane	0
G	Total SWP Inflows	3	N	BVMWC Boullioun Box	0
			P	SARC West	0
			Q	Zanja	0
			R	Tate Treatment Plant	0
			S	SBCFCD Grove	0
			T	Newport for BVMWC	0
			U	M/C spreading at Zanja Tate	0
			V	Total SWP Deliveries	3

Santa Ana River Inflows											
SAR PH #3 Penstock			BVMWC Highline			SOD Release Subtotal			Total SAR Inflows		
G2	Northfork Canal Weir	3.3	A2	Newport	0	D1	BVMWC River PU (USGS)	7.4	A1	SAR PH #3 Penstock	11.5
H2	Edwards Canal	0	D2	Boullioun Box Weir	2.9	E1	Main River Gage (USGS)	0	B1	BVMWC Highline	2.9
J2	Tailrace Valve	0	E2	Boullioun Box to Zanja	0	Z1	SOD Release Subtotal	7.4	C1	Greenspot Pipeline	0
K2	Northfork Parshall Flume	0	F2	SBVWCD Mill Creek Spreading	0				D1	BVMWC River PU (USGS)	7.4
V1	PH#3 Afterbay SpillLoss to SAR	0	B1 BVMWC Highline		2.9	Seven Oaks Dam			F1	Greenspot Spill	0
W1	Redlands Aqueduct / Sandbox	16.6				w	Observation at SOD	2141	E1	Main River Gage (USGS)	0
Y1	Redlands Sandbox Spill	0				x	SOD Reservoir Elevation	0	D1a	BV Pick-Up gated	0
minus						y	Debris Pool Elevation	0	A5	Total SAR Inflows	21.8
F1	Greenspot Spill	0				Other					
D1	BVMWC River PU (USGS)	7.4				J1	Big Bear Lake Release	1.2			
I1	Redlands Tunnel	1				L1	SCE SAR AVM (SCADA)	14.4			
A1	SAR PH #3 Penstock	11.5									
K1	PH3# Penstock (SCADA)	10.5									

Santa Ana River Deliveries											
Greenspot Pipeline			Tailrace Pipeline			SBVWCD Parshall FlumeTo Basins			Deliveries		
M1	SBCFCD Grove	0	G2	Northfork Canal Weir	3.3	J2	Tailrace Valve to Parshall Flume	0	V1	SAR PH #3 Afterbay Spill	0
N1	BVMWC Highline	0	H2	Edwards Canal	0	K2	Northfork Parshall Flume	0.0	W1	Redlands Aqueduct / Sandbox	16.6
O1	Newport for BVMWC	0	J2	Tailrace Valve to Parshall Flume	0	H1	SBVWCD Diversion	0	Y1	Redlands Sandbox Spill	0
P1	SBVWCD Mill Creek Spreading	0	K2	Northfork Parshall Flume	0	L2	SBVWCD Parshall Flume	0.0	Z2	Cuttle Weir To River	0
Q1	Crafton WC Unger Lane	0	I2	Tailrace Pipeline	3.3		Parshall Flume (SCADA)	0	B1	BVMWC Highline	2.9
R1	BVMWC Highline to Boullioun	0							C1	Greenspot Pipeline	0
S1	Crafton WC Boullioun	0							I2	Tailrace Pipeline	3.3
T1	Tate Pump Station to Zanja	0							L2	SBVWCD Parshall Flume	0
C1	Greenspot Pipeline	0									minus
									J2	Tailrace Valve	0
									K2	Northfork Parshall Flume	0
									I1	Redlands Tunnel	1
									N2	Total SAR Deliveries	21.8

Mill Creek Inflows					
Total MC Inflows			Other		
A3	RPU Flow	2.6	E3	M/C #1 Penstock Flow	9.1
B3	M/C #3 Penstock	6.5	F3	Stream Parshall Flume to Yucaipa	0
C3	SBVWCD Mill Creek Diversion	0	G3	Observation at Garnet	0
D3	Total MC Inflows		9.1		

Mill Creek Deliveries											
Yucaipa Pipeline			MC #1 Flow (Cooley Hat)			Total MC Deliveries			Other		
I3	Yucaipa Regional Park	0	P3	Tate Inflow	6.5	C3	SBVWCD Mill Creek Diversion	0	H3	Mentone Reservoir Level	21.5
J3	Wilson Creek Spreading	0	Q3	East Weir to Mill Creek	0	T3	Mill Creek #1 Flow (Cooley Hat)	9.1	R3	Boullioun to BVMWC Highline	0
K3	Yucaipa Pipeline	0	S3	East Weir to Zanja	2.6	U3	Total MC Deliveries	9.1	V3	Zanja West Weir to CWC Canal	2.2
			T3	MC #1 Flow (Cooley Hat)	9.1				W3	Mill Creek PH #2,3 Afterbay Spill	0
SBVWCD Spreading									Y3	Crafton Reservoir Level (21.3)	16.7
C3	SBVWCD Mill Creek Diversion	0									
L3	East Weir (MC)	0									
M3	BVHL (SAR)	0									
O3	SBVWCD Spreading	0									

SBVWCD Recharge							
Location		Type	Previous Day (AF)		WY To Date (AF)		Target
A4	Santa Ana River	SAR	E4	4	I4	2,548	123,000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	107	
B4	Santa Ana River	SWP	F4	0	J4	81	
C4	Mill Creek	MC	G4	0	K4	960	73,800
D4	Mill Creek	SWP	H4	0	L4	0	714
	SBVMWD	SWP		0		0	
	WMWD	SWP					
SAR Passing Cuttle Weir		0	Share of Lost Flow		Estimate SAR Recharge		0
Mill Creek Passing Garnet		0	Share of Lost Flow		Estimate Mill Creek Recharge		0
Flow in the River Above Alabama		0	Flowing Beyond Alabama		Total River Recharge		0

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 5/8/2015

Time: 8:00:00 AM

State Water Project

Inflows		
A	BBMWD In-lieu	0
B	Muni test at Greenspot Station	0
C	Exchange Water	0
D	Purchased Water	3
E	Redlands Aqueduct Leakage	0
F	Recharge Project	0
G	Total SWP Inflows	3

Deliveries		
H	EVWD Treatment Plant	0
I	Santa Ana Low Turnout	0
J	Northfork Canal	3
K	Edwards Canal	0
L	Redlands Aqueduct	0
M	Crafton Unger Lane	0
N	BVMWC Boullioun Box	0
P	SARC West	0
Q	Zanja	0
R	Tate Treatment Plant	0
S	SBCFCD Grove	0
T	Newport for BVMWC	0
U	M/C spreading at Zanja Tate	0
V	Total SWP Deliveries	3

Santa Ana River Inflows

SAR PH #3 Penstock		
G2	Northfork Canal Weir	2
H2	Edwards Canal	0
J2	Tailrace Valve	0
K2	Northfork Parshall Flume	3
V1	PH#3 Afterbay SpillLoss to SAR	0
W1	Redlands Aqueduct / Sandbox	15.6
Y1	Redlands Sandbox Spill	0
minus		
F1	Greenspot Spill	0
D1	BVMWC River PU (USGS)	7.2
I1	Redlands Tunnel	0.5
A1	SAR PH #3 Penstock	12.9
K1	PH3# Penstock (SCADA)	16.3

BVMWC Highline		
A2	Newport	0
D2	Boullioun Box Weir	2.9
E2	Boullioun Box to Zanja	0
F2	SBVWCD Mill Creek Spreading	0
B1	BVMWC Highline	2.9

SOD Release Subtotal		
D1	BVMWC River PU (USGS)	7.2
E1	Main River Gage (USGS)	0
Z1	SOD Release Subtotal	7.2

Seven Oaks Dam		
W	Observation at SOD	2140
X	SOD Reservoir Elevation	0
Y	Debris Pool Elevation	0

Other		
J1	Big Bear Lake Release	1.2
L1	SCE SAR AVM (SCADA)	19.9

Total SAR Inflows		
A1	SAR PH #3 Penstock	12.9
B1	BVMWC Highline	2.9
C1	Greenspot Pipeline	0
D1	BVMWC River PU (USGS)	7.2
F1	Greenspot Spill	0
E1	Main River Gage (USGS)	0
D1a	BV Pick-Up gated	☐
A5	Total SAR Inflows	23

Santa Ana River Deliveries

Greenspot Pipeline		
M1	SBCFCD Grove	0
N1	BVMWC Highline	0
O1	Newport for BVMWC	0
P1	SBVWCD Mill Creek Spreading	0
Q1	Crafton WC Unger Lane	0
R1	BVMWC Highline to Boullioun	0
S1	Crafton WC Boullioun	0
T1	Tate Pump Station to Zanja	0
C1	Greenspot Pipeline	0

Tailrace Pipeline		
G2	Northfork Canal Weir	2
H2	Edwards Canal	0
J2	Tailrace Valve to Parshall Flume	0
K2	Northfork Parshall Flume	3
I2	Tailrace Pipeline	5

SBVWCD Parshall FlumeTo Basins		
J2	Tailrace Valve to Parshall Flume	0
K2	Northfork Parshall Flume	3.0
H1	SBVWCD Diversion	0
L2	SBVWCD Parshall Flume	3.0
	Parshall Flume (SCADA)	4.6

Deliveries		
V1	SAR PH #3 Afterbay Spill	0
W1	Redlands Aqueduct / Sandbox	15.6
Y1	Redlands Sandbox Spill	0
Z2	Cuttle Weir To River	0
B1	BVMWC Highline	2.9
C1	Greenspot Pipeline	0
I2	Tailrace Pipeline	5
L2	SBVWCD Parshall Flume	3
		minus
J2	Tailrace Valve	0
K2	Northfork Parshall Flume	3
I1	Redlands Tunnel	0.5
N2	Total SAR Deliveries	23

Irrigation		
D2	Boullioun Box Weir	2.9
		minus
B2	Gay Overflow	2.9
C2	Irrigation	0

Mill Creek Inflows

Total MC Inflows			Other		
A3	RPV Flow	4.7	E3	M/C #1 Penstock Flow	11
B3	M/C #3 Penstock	6.3	F3	Stream Parshall Flume to Yucaipa	0
C3	SBVWCD Mill Creek Diversion	0	G3	Observation at Garnet	0
D3	Total MC Inflows	11			

Mill Creek Deliveries

Yucaipa Pipeline			MC #1 Flow (Cooley Hat)			Total MC Deliveries			Other		
I3	Yucaipa Regional Park	0	P3	Tate Inflow	7.5	C3	SBVWCD Mill Creek Diversion	0	H3	Mentone Reservoir Level	21.2
J3	Wilson Creek Spreading	0	Q3	East Weir to Mill Creek	0	U3	Mill Creek #1 Flow (Cooley Hat)	11	R3	Boullioun to BVMWC Highline	0
K3	Yucaipa Pipeline	0	S3	East Weir to Zanja	3.5	Total MC Deliveries			V3	Zanja West Weir to CWC Canal	2.8
			T3	MC #1 Flow (Cooley Hat)					W3	Mill Creek PH #2,3 Afterbay Spill	0
									Y3	Crafton Reservoir Level (21.3)	17

SBVWCD Spreading		
C3	SBVWCD Mill Creek Diversion	0
L3	East Weir (MC)	0
M3	BVHL (SAR)	0
O3	SBVWCD Spreading	0

SBVWCD Recharge

Location			Type	Previous Day (AF)		WY To Date (AF)			Target
A4	Santa Ana River	SAR	E4	5		I4	2,553		123,000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0		O4	107		
B4	Santa Ana River	SWP	F4	0		J4	81		
C4	Mill Creek	MC	G4	0		K4	960		73,800
D4	Mill Creek	SWP	H4	0		L4	0		714
	SBVMWD	SWP		0			0		
	WMWD	SWP							

SAR Passing Cuttle Weir	0	Share of Lost Flow	0	Estimate SAR Recharge	0
Mill Creek Passing Garnet	0	Share of Lost Flow	0	Estimate Mill Creek Recharge	0
Flow in the River Above Alabama	0	Flowing Beyond Alabama	0	Total River Recharge	0

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report				Date: May 11, 2015
							Time: 0745
State Water Project							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	¹ EVWD Treatment Plant	0.0	(+)P	¹ SARC West
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	¹ Santa Ana Low Turnout	0.0	(+)Q	¹ Zanja
(+)C	Exchange Water	0.0	(+)J	¹ Northfork Canal	3.0	(+)R	¹ Tate Treatment Plant
(+)D	Purchased Water	3.0	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	0.0	(+)T	¹ Newport for BVMWC
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	0.0	(+)U	¹ M/C spreading @ ZT
(Σ)G	Total SWP Inflows	3.0	(+)N	¹ BVMWC Boullioun Box	0.0		
				Observation at SOD	2139.50	(Σ)V	Total SWP Deliveries
Santa Ana River				SOD Reservoir Elevation			Debris Pool Elevation
							0.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	11.2	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport
(+)B1	BVMWC Highline	2.9	(+)N1	BVMWC Highline	0.0	(+)B2	Gay Overflow
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	Irrigation
(+)F1	Greenspot Spill	0.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir
A4	SAR Inflow-SubTotal-1	14.1	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja
(+)D1	BVMWC Rvr PU-USGS, Flume	6.6	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread
(+)E1	Main River Gage (USGS)	0.0	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline
Z1	SOD ReleaseSubTotal D1+E1	6.6	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir
(Σ)G1	SubTotal 1+2 SAR Inflows	20.7	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.0	(+) J2	Tailrace Valve
(Σ)A5	Total SAR Inflows	20.7	W1	Redlands Aqueduct / Sandbox	12.0	(+)K2	Northfork Parshall Flume
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline
I1	Redlands Tunnel	0.5	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins
J1	^a Big Bear Lake Release	1.2	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline
K1	PH#3 Penstock (SCADA)	9.7				(Σ)N2	¹ Total SAR Deliveries
L1	SCE SAR AVM (SCADA)	13.6					
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek
(+) A3	RPU Flow	2.6	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline
(+) B3	M/C #3 Penstock	6.3	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja
(+) C3	SBVWCD Mill Creek Diversion	0.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)
(Σ) D3	Total MC Inflows	8.9	(+)C3	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries
E3	M/C #1 Penstock Flow	8.9	(Σ)O3	SBVWCD Spreading	0.0	V3	Zanja West Weir to CWC Canal
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill
G3	Observation at Garnet Bridge	0.0					
H3			I3	Mentone Reser. Level (23.0)	21.2	Y3	Crafton Reser. Level (21.3)
SBVWCD Recharge							
	Location	Type		Previous Day (AF)			WY To Date (AF)
A4	Santa Ana River	SAR	E4	57		I4	2,610
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0		O4	134
B4	Santa Ana River	SWP	F4	0		J4	81
C4	Mill Creek	MC	G4	0		K4	960
D4	Mill Creek	SWP	H4	0		L4	0
	SBVMWD	SWP		0			0
	WMWD	SWP					
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge ¹⁸
	Mill Creek Passing Garnet	MC	0	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹
	Flow in the River Above Alabama	Total	0	Flowing Beyond Alabama	0		Total River Recharge

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 5/12/2015

Time: 7:10:00 AM

State Water Project

Inflows		
A	BBMWD In-lieu	0
B	Muni test at Greenspot Station	0
C	Exchange Water	0
D	Purchased Water	3
E	Redlands Aqueduct Leakage	0
F	Recharge Project	0
G	Total SWP Inflows	3

Deliveries		
H	EVWD Treatment Plant	0
I	Santa Ana Low Turnout	0
J	Northfork Canal	3
K	Edwards Canal	0
L	Redlands Aqueduct	0
M	Crafton Unger Lane	0
N	BVMWC Boullioun Box	0
P	SARC West	0
Q	Zanja	0
R	Tate Treatment Plant	0
S	SBCFCD Grove	0
T	Newport for BVMWC	0
U	M/C spreading at Zanja Tate	0
V	Total SWP Deliveries	3

Santa Ana River Inflows

SAR PH #3 Penstock		
G2	Northfork Canal Weir	2.6
H2	Edwards Canal	0.7
J2	Tailrace Valve	0
K2	Northfork Parshall Flume	3.5
V1	PH#3 Afterbay SpillLoss to SAR	0
W1	Redlands Aqueduct / Sandbox	9.5
Y1	Redlands Sandbox Spill	0
minus		
F1	Greenspot Spill	0
D1	BVMWC River PU (USGS)	6.2
I1	Redlands Tunnel	0.5
A1	SAR PH #3 Penstock	9.6
K1	PH3# Penstock (SCADA)	12.1

BVMWC Highline		
A2	Newport	0
D2	Boullioun Box Weir	2.9
E2	Boullioun Box to Zanja	0
F2	SBVWCD Mill Creek Spreading	0
B1	BVMWC Highline	2.9

SOD Release Subtotal		
D1	BVMWC River PU (USGS)	6.2
E1	Main River Gage (USGS)	0
Z1	SOD Release Subtotal	6.2

Seven Oaks Dam		
w	Observation at SOD	2139.5
x	SOD Reservoir Elevation	0
y	Debris Pool Elevation	0

Other		
J1	Big Bear Lake Release	1.2
L1	SCE SAR AVM (SCADA)	15.3

Total SAR Inflows		
A1	SAR PH #3 Penstock	9.6
B1	BVMWC Highline	2.9
C1	Greenspot Pipeline	0
D1	BVMWC River PU (USGS)	6.2
F1	Greenspot Spill	0
E1	Main River Gage (USGS)	0
D1a	BV Pick-Up gated	
A5	Total SAR Inflows	18.7

Santa Ana River Deliveries

Greenspot Pipeline		
M1	SBCFCD Grove	0
N1	BVMWC Highline	0
O1	Newport for BVMWC	0
P1	SBVWCD Mill Creek Spreading	0
Q1	Crafton WC Unger Lane	0
R1	BVMWC Highline to Boullioun	0
S1	Crafton WC Boullioun	0
T1	Tate Pump Station to Zanja	0
C1	Greenspot Pipeline	0

Tailrace Pipeline		
G2	Northfork Canal Weir	2.6
H2	Edwards Canal	0.7
J2	Tailrace Valve to Parshall Flume	0
K2	Northfork Parshall Flume	3.5
I2	Tailrace Pipeline	6.8

SBVWCD Parshall FlumeTo Basins		
J2	Tailrace Valve to Parshall Flume	0
K2	Northfork Parshall Flume	3.5
H1	SBVWCD Diversion	0
L2	SBVWCD Parshall Flume	3.5
	Parshall Flume (SCADA)	3.5

Deliveries		
V1	SAR PH #3 Afterbay Spill	0
W1	Redlands Aqueduct / Sandbox	9.5
Y1	Redlands Sandbox Spill	0
Z2	Cuttle Weir To River	0
B1	BVMWC Highline	2.9
C1	Greenspot Pipeline	0
I2	Tailrace Pipeline	6.8
L2	SBVWCD Parshall Flume	3.5
		minus
J2	Tailrace Valve	0
K2	Northfork Parshall Flume	3.5
I1	Redlands Tunnel	0.5
N2	Total SAR Deliveries	18.7

Irrigation		
D2	Boullioun Box Weir	2.9
		minus
B2	Gay Overflow	2.9
C2	Irrigation	0

Mill Creek Inflows

Total MC Inflows			Other		
A3	RPU Flow	2	E3	M/C #1 Penstock Flow	8.4
B3	M/C #3 Penstock	6.4	F3	Stream Parshall Flume to Yucaipa	0
C3	SBVWCD Mill Creek Diversion	0	G3	Observation at Garnet	0
D3	Total MC Inflows		8.4		

Mill Creek Deliveries

Yucaipa Pipeline		
I3	Yucaipa Regional Park	0
J3	Wilson Creek Spreading	0
K3	Yucaipa Pipeline	0

MC #1 Flow (Cooley Hat)		
P3	Tate Inflow	7.5
Q3	East Weir to Mill Creek	0
S3	East Weir to Zanja	0.9
T3	MC #1 Flow (Cooley Hat)	8.4

Total MC Deliveries		
C3	SBVWCD Mill Creek Diversion	0
U3	Mill Creek #1 Flow (Cooley Hat)	8.4
U3	Total MC Deliveries	8.4

Other		
H3	Mentone Reservoir Level	19.8
R3	Boullioun to BVMWC Highline	0
V3	Zanja West Weir to CWC Canal	0.1
W3	Mill Creek PH #2,3 Afterbay Spill	0
Y3	Crafton Reservoir Level (21.3)	20.9

SBVWCD Spreading		
C3	SBVWCD Mill Creek Diversion	0
L3	East Weir (MC)	0
M3	BVHL (SAR)	0
O3	SBVWCD Spreading	0

SBVWCD Recharge

Location			Type	Previous Day (AF)		WY To Date (AF)		Target	
A4	Santa Ana River	SAR	E4	7.4		I4	2,617.3		123,000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0		O4	133.7		
B4	Santa Ana River	SWP	F4	0		J4	81.0		
C4	Mill Creek	MC	G4	0		K4	959.7		73,800
D4	Mill Creek	SWP	H4	0		L4	0		714
	SBVMWD	SWP		0			0		
	WMWD	SWP							

SAR Passing Cuttle Weir	0	Share of Lost Flow	0	Estimate SAR Recharge	0
Mill Creek Passing Garnet	0	Share of Lost Flow	0	Estimate Mill Creek Recharge	0
Flow in the River Above Alabama	0	Flowing Beyond Alabama	0	Total River Recharge	0

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 5/13/2015

Time: 7:15:00 AM

State Water Project

Inflows		
A	BBMWD In-lieu	0
B	Muni test at Greenspot Station	0
C	Exchange Water	0
D	Purchased Water	3.8
E	Redlands Aqueduct Leakage	0
F	Recharge Project	0
G	Total SWP Inflows	3.8

Deliveries		
H	EVWD Treatment Plant	0
I	Santa Ana Low Turnout	0
J	Northfork Canal	3
K	Edwards Canal	0
L	Redlands Aqueduct	0
M	Crafton Unger Lane	0
N	BVMWC Boullioun Box	0
P	SARC West	0
Q	Zanja	0
R	Tate Treatment Plant	0
S	SBCFCD Grove	0
T	Newport for BVMWC	0.8
U	M/C spreading at Zanja Tate	0
V	Total SWP Deliveries	3.8

Santa Ana River Inflows

SAR PH #3 Penstock		
G2	Northfork Canal Weir	3
H2	Edwards Canal	0.7
J2	Tailrace Valve	0
K2	Northfork Parshall Flume	2.2
V1	PH#3 Afterbay SpillLoss to SAR	0
W1	Redlands Aqueduct / Sandbox	11.2
Y1	Redlands Sandbox Spill	0
minus		
F1	Greenspot Spill	0
D1	BVMWC River PU (USGS)	6.2
I1	Redlands Tunnel	0.5
A1	SAR PH #3 Penstock	10.4
K1	PH3# Penstock (SCADA)	10.8

BVMWC Highline		
A2	Newport	0
D2	Boullioun Box Weir	3
E2	Boullioun Box to Zanja	0
F2	SBVWCD Mill Creek Spreading	0
B1	BVMWC Highline	3

SOD Release Subtotal		
D1	BVMWC River PU (USGS)	6.2
E1	Main River Gage (USGS)	0
Z1	SOD Release Subtotal	6.2

Seven Oaks Dam		
w	Observation at SOD	2137.2
x	SOD Reservoir Elevation	0
y	Debris Pool Elevation	0

Other		
J1	Big Bear Lake Release	1.2
L1	SCE SAR AVM (SCADA)	14.4

Total SAR Inflows		
A1	SAR PH #3 Penstock	10.4
B1	BVMWC Highline	3
C1	Greenspot Pipeline	0
D1	BVMWC River PU (USGS)	6.2
F1	Greenspot Spill	0
E1	Main River Gage (USGS)	0
D1a	BV Pick-Up gated	0
A5	Total SAR Inflows	19.6

Santa Ana River Deliveries

Greenspot Pipeline		
M1	SBCFCD Grove	0
N1	BVMWC Highline	0
O1	Newport for BVMWC	0
P1	SBVWCD Mill Creek Spreading	0
Q1	Crafton WC Unger Lane	0
R1	BVMWC Highline to Boullioun	0
S1	Crafton WC Boullioun	0
T1	Tate Pump Station to Zanja	0
C1	Greenspot Pipeline	0

Tailrace Pipeline		
G2	Northfork Canal Weir	3
H2	Edwards Canal	0.7
J2	Tailrace Valve to Parshall Flume	0
K2	Northfork Parshall Flume	2.2
I2	Tailrace Pipeline	5.9

SBVWCD Parshall FlumeTo Basins		
J2	Tailrace Valve to Parshall Flume	0
K2	Northfork Parshall Flume	2.2
H1	SBVWCD Diversion	0
L2	SBVWCD Parshall Flume	2.2
	Parshall Flume (SCADA)	3.7

Deliveries		
V1	SAR PH #3 Afterbay Spill	0
W1	Redlands Aqueduct / Sandbox	11.2
Y1	Redlands Sandbox Spill	0
Z2	Cuttle Weir To River	0
B1	BVMWC Highline	3
C1	Greenspot Pipeline	0
I2	Tailrace Pipeline	5.9
L2	SBVWCD Parshall Flume	2.2
		minus
J2	Tailrace Valve	0
K2	Northfork Parshall Flume	2.2
I1	Redlands Tunnel	0.5
N2	Total SAR Deliveries	19.6

Irrigation		
D2	Boullioun Box Weir	3
		minus
B2	Gay Overflow	3
C2	Irrigation	0

Mill Creek Inflows

Total MC Inflows			Other		
A3	RPU Flow	2.4	E3	M/C #1 Penstock Flow	8.5
B3	M/C #3 Penstock	6.1	F3	Stream Parshall Flume to Yucaipa	0
C3	SBVWCD Mill Creek Diversion	0	G3	Observation at Garnet	0
D3	Total MC Inflows		8.5		

Mill Creek Deliveries

Yucaipa Pipeline			MC #1 Flow (Cooley Hat)			Total MC Deliveries			Other		
I3	Yucaipa Regional Park	0	P3	Tate Inflow	7	C3	SBVWCD Mill Creek Diversion	0	H3	Mentone Reservoir Level	19.1
J3	Wilson Creek Spreading	0	Q3	East Weir to Mill Creek	0	T3	Mill Creek #1 Flow (Cooley Hat)	8.5	R3	Boullioun to BVMWC Highline	0
K3	Yucaipa Pipeline	0	S3	East Weir to Zanja	1.5	U3	Total MC Deliveries	8.5	V3	Zanja West Weir to CWC Canal	1.2
			T3	MC #1 Flow (Cooley Hat)	8.5				W3	Mill Creek PH #2,3 Afterbay Spill	0

SBVWCD Spreading		
C3	SBVWCD Mill Creek Diversion	0
L3	East Weir (MC)	0
M3	BVHL (SAR)	0
O3	SBVWCD Spreading	0

Y3	Crafton Reservoir Level (21.3)	20.9
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SBVWCD Recharge

Location			Type	Previous Day (AF)		WY To Date (AF)		Target	
A4	Santa Ana River	SAR	E4	5.5		I4	2,622.8		123,000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0		O4	133.7		
B4	Santa Ana River	SWP	F4	0		J4	81.0		
C4	Mill Creek	MC	G4	0		K4	959.7		73,800
D4	Mill Creek	SWP	H4	0		L4	0		714
	SBVMWD	SWP		0			0		
	WMWD	SWP							

SAR Passing Cuttle Weir	0	Share of Lost Flow	0	Estimate SAR Recharge	0
Mill Creek Passing Garnet	0	Share of Lost Flow	0	Estimate Mill Creek Recharge	0
Flow in the River Above Alabama	0	Flowing Beyond Alabama	0	Total River Recharge	0

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 5/14/2015

Time: 7:15:00 AM

State Water Project

Inflows		
A	BBMWD In-lieu	0
B	Muni test at Greenspot Station	0
C	Exchange Water	0
D	Purchased Water	4.1
E	Redlands Aqueduct Leakage	0
F	Recharge Project	0
G	Total SWP Inflows	4.1

Deliveries		
H	EVWD Treatment Plant	0
I	Santa Ana Low Turnout	0
J	Northfork Canal	3
K	Edwards Canal	0
L	Redlands Aqueduct	0
M	Crafton Unger Lane	0
N	BVMWC Boullioun Box	0
P	SARC West	0
Q	Zanja	0
R	Tate Treatment Plant	0
S	SBCFCD Grove	0
T	Newport for BVMWC	1.1
U	M/C spreading at Zanja Tate	0
V	Total SWP Deliveries	4.1

Santa Ana River Inflows

SAR PH #3 Penstock		
G2	Northfork Canal Weir	4.2
H2	Edwards Canal	0.7
J2	Tailrace Valve	1.4
K2	Northfork Parshall Flume	0.0
V1	PH#3 Afterbay SpillLoss to SAR	0
W1	Redlands Aqueduct / Sandbox	12.8
Y1	Redlands Sandbox Spill	0
minus		
F1	Greenspot Spill	0
D1	BVMWC River PU (USGS)	7.2
I1	Redlands Tunnel	0.5
A1	SAR PH #3 Penstock	11.4
K1	PH3# Penstock (SCADA)	10.0

BVMWC Highline		
A2	Newport	0
D2	Boullioun Box Weir	3
E2	Boullioun Box to Zanja	0
F2	SBVWCD Mill Creek Spreading	0
B1	BVMWC Highline	3

SOD Release Subtotal		
D1	BVMWC River PU (USGS)	7.2
E1	Main River Gage (USGS)	0
Z1	SOD Release Subtotal	7.2

Seven Oaks Dam		
w	Observation at SOD	2137.2
x	SOD Reservoir Elevation	0
y	Debris Pool Elevation	0

Other		
J1	Big Bear Lake Release	1.2
L1	SCE SAR AVM (SCADA)	13.4

Total SAR Inflows		
A1	SAR PH #3 Penstock	11.4
B1	BVMWC Highline	3
C1	Greenspot Pipeline	0
D1	BVMWC River PU (USGS)	7.2
F1	Greenspot Spill	0
E1	Main River Gage (USGS)	0
D1a	BV Pick-Up gated	☐
A5	Total SAR Inflows	21.6

Santa Ana River Deliveries

Greenspot Pipeline		
M1	SBCFCD Grove	0
N1	BVMWC Highline	0
O1	Newport for BVMWC	0
P1	SBVWCD Mill Creek Spreading	0
Q1	Crafton WC Unger Lane	0
R1	BVMWC Highline to Boullioun	0
S1	Crafton WC Boullioun	0
T1	Tate Pump Station to Zanja	0
C1	Greenspot Pipeline	0

Tailrace Pipeline		
G2	Northfork Canal Weir	4.2
H2	Edwards Canal	0.7
J2	Tailrace Valve to Parshall Flume	1.4
K2	Northfork Parshall Flume	0
I2	Tailrace Pipeline	6.3

SBVWCD Parshall FlumeTo Basins		
J2	Tailrace Valve to Parshall Flume	1.4
K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0
L2	SBVWCD Parshall Flume	1.4
	Parshall Flume (SCADA)	1.4

Deliveries		
V1	SAR PH #3 Afterbay Spill	0
W1	Redlands Aqueduct / Sandbox	12.8
Y1	Redlands Sandbox Spill	0
Z2	Cuttle Weir To River	0
B1	BVMWC Highline	3
C1	Greenspot Pipeline	0
I2	Tailrace Pipeline	6.3
L2	SBVWCD Parshall Flume	1.4
		minus
J2	Tailrace Valve	1.4
K2	Northfork Parshall Flume	0.0
I1	Redlands Tunnel	0.5
N2	Total SAR Deliveries	21.6

Irrigation		
D2	Boullioun Box Weir	3
		minus
B2	Gay Overflow	3
C2	Irrigation	0

Mill Creek Inflows

Total MC Inflows			Other		
A3	RPU Flow	2.5	E3	M/C #1 Penstock Flow	8.7
B3	M/C #3 Penstock	6.2	F3	Stream Parshall Flume to Yucaipa	0
C3	SBVWCD Mill Creek Diversion	0	G3	Observation at Garnet	0
D3	Total MC Inflows		8.7		

Mill Creek Deliveries

Yucaipa Pipeline			MC #1 Flow (Cooley Hat)			Total MC Deliveries			Other		
I3	Yucaipa Regional Park	0	P3	Tate Inflow	7	C3	SBVWCD Mill Creek Diversion	0	H3	Mentone Reservoir Level	19.1
J3	Wilson Creek Spreading	0	Q3	East Weir to Mill Creek	0	T3	Mill Creek #1 Flow (Cooley Hat)	8.7	R3	Boullioun to BVMWC Highline	0
K3	Yucaipa Pipeline	0	S3	East Weir to Zanja	1.7	U3	Total MC Deliveries	8.7	V3	Zanja West Weir to CWC Canal	1
			T3	MC #1 Flow (Cooley Hat)	8.7				W3	Mill Creek PH #2,3 Afterbay Spill	0
									Y3	Crafton Reservoir Level (21.3)	20

SBVWCD Spreading		
C3	SBVWCD Mill Creek Diversion	0
L3	East Weir (MC)	0
M3	BVHL (SAR)	0
O3	SBVWCD Spreading	0

SBVWCD Recharge

Location			Type	Previous Day (AF)		WY To Date (AF)		Target	
A4	Santa Ana River	SAR	E4	2.8		I4	2,625.5		123,000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0		O4	133.7		
B4	Santa Ana River	SWP	F4	0		J4	81.0		
C4	Mill Creek	MC	G4	0		K4	959.7		73,800
D4	Mill Creek	SWP	H4	0		L4	0		714
	SBVMWD	SWP		0			0		
	WMWD	SWP							

SAR Passing Cuttle Weir	0	Share of Lost Flow	0	Estimate SAR Recharge	0
Mill Creek Passing Garnet	0	Share of Lost Flow	0	Estimate Mill Creek Recharge	0
Flow in the River Above Alabama	0	Flowing Beyond Alabama	0	Total River Recharge	0

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 5/15/2015

Time: 8:15:00 AM

State Water Project

Inflows		
A	BBMWD In-lieu	0
B	Muni test at Greenspot Station	0
C	Exchange Water	0
D	Purchased Water	3.7
E	Redlands Aqueduct Leakage	0
F	Recharge Project	0
G	Total SWP Inflows	3.7

Deliveries		
H	EVWD Treatment Plant	0
I	Santa Ana Low Turnout	0
J	Northfork Canal	3.0
K	Edwards Canal	0
L	Redlands Aqueduct	0
M	Crafton Unger Lane	0
N	BVMWC Boullioun Box	0
P	SARC West	0
Q	Zanja	0
R	Tate Treatment Plant	0
S	SBCFCD Grove	0
T	Newport for BVMWC	0.7
U	M/C spreading at Zanja Tate	0
V	Total SWP Deliveries	3.7

Santa Ana River Inflows

SAR PH #3 Penstock			BVMWC Highline			SOD Release Subtotal			Total SAR Inflows					
G2	Northfork Canal Weir	3.0	A2	Newport	0	D1	BVMWC River PU (USGS)	5.5	A1	SAR PH #3 Penstock	13.4			
H2	Edwards Canal	0	D2	Boullioun Box Weir	3.0	E1	Main River Gage (USGS)	0	B1	BVMWC Highline	3			
J2	Tailrace Valve	1.4	E2	Boullioun Box to Zanja	0	Z1	SOD Release Subtotal 5.5		C1	Greenspot Pipeline	0			
K2	Northfork Parshall Flume	0.0	F2	SBVWCD Mill Creek Spreading	0	Seven Oaks Dam			D1	BVMWC River PU (USGS)	5.5			
V1	PH#3 Afterbay SpillLoss to SAR	0	B1	BVMWC Highline 3.0					W	Observation at SOD	2136.1	F1	Greenspot Spill	0.2
W1	Redlands Aqueduct / Sandbox	15.2							X	SOD Reservoir Elevation	0	E1	Main River Gage (USGS)	0
Y1	Redlands Sandbox Spill	0				Y	Debris Pool Elevation	0	D1a	BV Pick-Up gated	□			
minus						Other			A5	Total SAR Inflows 22.1				
F1	Greenspot Spill	0.2							J1	Big Bear Lake Release	1.2			
D1	BVMWC River PU (USGS)	5.5							L1	SCE SAR AVM (SCADA)	16.9			
I1	Redlands Tunnel	0.5												
A1	SAR PH #3 Penstock 13.4													
K1	PH3# Penstock (SCADA) 13.7													

Santa Ana River Deliveries

Greenspot Pipeline		
M1	SBCFCD Grove	0
N1	BVMWC Highline	0
O1	Newport for BVMWC	0
P1	SBVWCD Mill Creek Spreading	0
Q1	Crafton WC Unger Lane	0
R1	BVMWC Highline to Boullioun	0
S1	Crafton WC Boullioun	0
T1	Tate Pump Station to Zanja	0
C1	Greenspot Pipeline	0

Tailrace Pipeline		
G2	Northfork Canal Weir	3
H2	Edwards Canal	0
J2	Tailrace Valve to Parshall Flume	1.4
K2	Northfork Parshall Flume	0
I2	Tailrace Pipeline	4.4

SBVWCD Parshall FlumeTo Basins		
J2	Tailrace Valve to Parshall Flume	1.4
K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0
L2	SBVWCD Parshall Flume	1.4
	Parshall Flume (SCADA)	1.4

Deliveries		
V1	SAR PH #3 Afterbay Spill	0
W1	Redlands Aqueduct / Sandbox	15.2
Y1	Redlands Sandbox Spill	0
Z2	Cuttle Weir To River	0
B1	BVMWC Highline	3
C1	Greenspot Pipeline	0
I2	Tailrace Pipeline	4.4
L2	SBVWCD Parshall Flume	1.4
		minus
J2	Tailrace Valve	1.4
K2	Northfork Parshall Flume	0.0
I1	Redlands Tunnel	0.5
N2	Total SAR Deliveries	22.1

Irrigation		
D2	Boullioun Box Weir	3
		minus
B2	Gay Overflow	3
C2	Irrigation	0

Mill Creek Inflows

Total MC Inflows			Other		
A3	RPU Flow	3.2	E3	M/C #1 Penstock Flow	9.7
B3	M/C #3 Penstock	6.5	F3	Stream Parshall Flume to Yucaipa	0
C3	SBVWCD Mill Creek Diversion	0	G3	Observation at Garnet	0
D3	Total MC Inflows	9.7			

Mill Creek Deliveries

Yucaipa Pipeline			MC #1 Flow (Cooley Hat)			Total MC Deliveries			Other		
I3	Yucaipa Regional Park	0	P3	Tate Inflow	7	C3	SBVWCD Mill Creek Diversion	0	H3	Mentone Reservoir Level	20.1
J3	Wilson Creek Spreading	0	Q3	East Weir to Mill Creek	0	U3	Mill Creek #1 Flow (Cooley Hat)	9.7	R3	Boullioun to BVMWC Highline	0
K3	Yucaipa Pipeline	0	S3	East Weir to Zanja	2.7	T3	Total MC Deliveries	9.7	V3	Zanja West Weir to CWC Canal	0.6
			T3	MC #1 Flow (Cooley Hat)	9.7				W3	Mill Creek PH #2,3 Afterbay Spill	0
									Y3	Crafton Reservoir Level (21.3)	19.2

SBVWCD Spreading		
C3	SBVWCD Mill Creek Diversion	0
L3	East Weir (MC)	0
M3	BVHL (SAR)	0
O3	SBVWCD Spreading	0

SBVWCD Recharge

Location			Type	Previous Day (AF)		WY To Date (AF)		Target	
A4	Santa Ana River	SAR	E4	2.8		I4	2,625.5		123,000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0		O4	133.7		
B4	Santa Ana River	SWP	F4	0		J4	81.0		
C4	Mill Creek	MC	G4	0		K4	959.7		73,800
D4	Mill Creek	SWP	H4	0		L4	0		714
	SBVMWD	SWP		0			0		
	WMWD	SWP							

SAR Passing Cuttle Weir	0	Share of Lost Flow	0	Estimate SAR Recharge	0
Mill Creek Passing Garnet	0	Share of Lost Flow	0	Estimate Mill Creek Recharge	0
Flow in the River Above Alabama	0	Flowing Beyond Alabama	0	Total River Recharge	0

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 5/18/2015

Time: 7:30:00 AM

State Water Project

Inflows		
A	BBMWD In-lieu	0
B	Muni test at Greenspot Station	0
C	Exchange Water	0
D	Purchased Water	3
E	Redlands Aqueduct Leakage	0
F	Recharge Project	0
G	Total SWP Inflows	3

Deliveries		
H	EVWD Treatment Plant	0
I	Santa Ana Low Turnout	0
J	Northfork Canal	3.0
K	Edwards Canal	0
L	Redlands Aqueduct	0
M	Crafton Unger Lane	0
N	BVMWC Boullioun Box	0
P	SARC West	0
Q	Zanja	0
R	Tate Treatment Plant	0
S	SBCFCD Grove	0
T	Newport for BVMWC	0
U	M/C spreading at Zanja Tate	0
V	Total SWP Deliveries	3

Santa Ana River Inflows

SAR PH #3 Penstock		
G2	Northfork Canal Weir	3.2
H2	Edwards Canal	0.9
J2	Tailrace Valve	1.0
K2	Northfork Parshall Flume	0.0
V1	PH#3 Afterbay SpillLoss to SAR	0.0
W1	Redlands Aqueduct / Sandbox	12.3
Y1	Redlands Sandbox Spill	0.0
minus		
F1	Greenspot Spill	0.2
D1	BVMWC River PU (USGS)	4.8
I1	Redlands Tunnel	0.5
A1	SAR PH #3 Penstock	11.9
K1	PH3# Penstock (SCADA)	11.3

BVMWC Highline		
A2	Newport	0
D2	Boullioun Box Weir	2.6
E2	Boullioun Box to Zanja	0
F2	SBVWCD Mill Creek Spreading	0
B1	BVMWC Highline	2.6

SOD Release Subtotal		
D1	BVMWC River PU (USGS)	4.8
E1	Main River Gage (USGS)	0
Z1	SOD Release Subtotal	4.8
Seven Oaks Dam		
w	Observation at SOD	2135
x	SOD Reservoir Elevation	0
y	Debris Pool Elevation	0
Other		
J1	Big Bear Lake Release	1.2
L1	SCE SAR AVM (SCADA)	14.8

Total SAR Inflows		
A1	SAR PH #3 Penstock	11.9
B1	BVMWC Highline	2.6
C1	Greenspot Pipeline	0
D1	BVMWC River PU (USGS)	4.8
F1	Greenspot Spill	0.2
E1	Main River Gage (USGS)	0
D1a	BV Pick-Up gated	0
A5	Total SAR Inflows	19.5

Santa Ana River Deliveries

Greenspot Pipeline		
M1	SBCFCD Grove	0
N1	BVMWC Highline	0
O1	Newport for BVMWC	0
P1	SBVWCD Mill Creek Spreading	0
Q1	Crafton WC Unger Lane	0
R1	BVMWC Highline to Boullioun	0
S1	Crafton WC Boullioun	0
T1	Tate Pump Station to Zanja	0
C1	Greenspot Pipeline	0

Tailrace Pipeline		
G2	Northfork Canal Weir	3.2
H2	Edwards Canal	0.9
J2	Tailrace Valve to Parshall Flume	1
K2	Northfork Parshall Flume	0
I2	Tailrace Pipeline	5.1

SBVWCD Parshall FlumeTo Basins		
J2	Tailrace Valve to Parshall Flume	1
K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0
L2	SBVWCD Parshall Flume	1.0
	Parshall Flume (SCADA)	1

Deliveries		
V1	SAR PH #3 Afterbay Spill	0
W1	Redlands Aqueduct / Sandbox	12.3
Y1	Redlands Sandbox Spill	0
Z2	Cuttle Weir To River	0
B1	BVMWC Highline	2.6
C1	Greenspot Pipeline	0
I2	Tailrace Pipeline	5.1
L2	SBVWCD Parshall Flume	1
		minus
J2	Tailrace Valve	1
K2	Northfork Parshall Flume	0.0
I1	Redlands Tunnel	0.5
N2	Total SAR Deliveries	19.5

Irrigation		
D2	Boullioun Box Weir	2.6
		minus
B2	Gay Overflow	1.8
C2	Irrigation	0.8

Mill Creek Inflows

Total MC Inflows			Other		
A3	RPV Flow	2.7	E3	M/C #1 Penstock Flow	9.1
B3	M/C #3 Penstock	6.4	F3	Stream Parshall Flume to Yucaipa	0
C3	SBVWCD Mill Creek Diversion	0	G3	Observation at Garnet	0
D3	Total MC Inflows		9.1		

Mill Creek Deliveries

Yucaipa Pipeline			MC #1 Flow (Cooley Hat)			Total MC Deliveries			Other		
I3	Yucaipa Regional Park	0	P3	Tate Inflow	7	C3	SBVWCD Mill Creek Diversion	0	H3	Mentone Reservoir Level	20.1
J3	Wilson Creek Spreading	0	Q3	East Weir to Mill Creek	0	U3	Mill Creek #1 Flow (Cooley Hat)	9.1	R3	Boullioun to BVMWC Highline	0
K3	Yucaipa Pipeline	0	S3	East Weir to Zanja	2.1	Total MC Deliveries			V3	Zanja West Weir to CWC Canal	1.6
			T3	MC #1 Flow (Cooley Hat)					W3	Mill Creek PH #2,3 Afterbay Spill	0
									Y3	Crafton Reservoir Level (21.3)	21

SBVWCD Spreading		
C3	SBVWCD Mill Creek Diversion	0
L3	East Weir (MC)	0
M3	BVHL (SAR)	0
O3	SBVWCD Spreading	0

SBVWCD Recharge

Location		Type	Previous Day (AF)		WY To Date (AF)		Target
A4	Santa Ana River	SAR	E4	6.8	I4	2,635.1	123,000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	133.7	
B4	Santa Ana River	SWP	F4	0	J4	81.0	
C4	Mill Creek	MC	G4	3.0	K4	959.7	73,800
D4	Mill Creek	SWP	H4	0	L4	0	714
	SBVMWD	SWP		0		0	
	WMWD	SWP					

SAR Passing Cuttle Weir	0	Share of Lost Flow	0	Estimate SAR Recharge	0
Mill Creek Passing Garnet	0	Share of Lost Flow	0	Estimate Mill Creek Recharge	0
Flow in the River Above Alabama	0	Flowing Beyond Alabama	0	Total River Recharge	0

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 5/19/2015

Time: 7:15:00 AM

State Water Project

Inflows		
A	BBMWD In-lieu	0
B	Muni test at Greenspot Station	0
C	Exchange Water	0
D	Purchased Water	3
E	Redlands Aqueduct Leakage	0
F	Recharge Project	0
G	Total SWP Inflows	3

Deliveries		
H	EVWD Treatment Plant	0
I	Santa Ana Low Turnout	0
J	Northfork Canal	3.0
K	Edwards Canal	0
L	Redlands Aqueduct	0
M	Crafton Unger Lane	0
N	BVMWC Boullioun Box	0
P	SARC West	0
Q	Zanja	0
R	Tate Treatment Plant	0
S	SBCFCD Grove	0
T	Newport for BVMWC	0
U	M/C spreading at Zanja Tate	0
V	Total SWP Deliveries	3

Santa Ana River Inflows

SAR PH #3 Penstock		
G2	Northfork Canal Weir	4.5
H2	Edwards Canal	0.7
J2	Tailrace Valve	0.0
K2	Northfork Parshall Flume	0.0
V1	PH#3 Afterbay SpillLoss to SAR	0.0
W1	Redlands Aqueduct / Sandbox	13.6
Y1	Redlands Sandbox Spill	0.0
minus		
F1	Greenspot Spill	0.2
D1	BVMWC River PU (USGS)	4.9
I1	Redlands Tunnel	0.5
A1	SAR PH #3 Penstock	13.2
K1	PH3# Penstock (SCADA)	11.3

BVMWC Highline		
A2	Newport	0
D2	Boullioun Box Weir	2.8
E2	Boullioun Box to Zanja	0
F2	SBVWCD Mill Creek Spreading	0
B1	BVMWC Highline	2.8

SOD Release Subtotal		
D1	BVMWC River PU (USGS)	4.9
E1	Main River Gage (USGS)	0
Z1	SOD Release Subtotal	4.9

Seven Oaks Dam		
w	Observation at SOD	2135
x	SOD Reservoir Elevation	0
y	Debris Pool Elevation	0

Other		
J1	Big Bear Lake Release	1.2
L1	SCE SAR AVM (SCADA)	14.8

Total SAR Inflows		
A1	SAR PH #3 Penstock	13.2
B1	BVMWC Highline	2.8
C1	Greenspot Pipeline	0
D1	BVMWC River PU (USGS)	4.9
F1	Greenspot Spill	0.2
E1	Main River Gage (USGS)	0
D1a	BV Pick-Up gated	☐
A5	Total SAR Inflows	21.1

Santa Ana River Deliveries

Greenspot Pipeline		
M1	SBCFCD Grove	0
N1	BVMWC Highline	0
O1	Newport for BVMWC	0
P1	SBVWCD Mill Creek Spreading	0
Q1	Crafton WC Unger Lane	0
R1	BVMWC Highline to Boullioun	0
S1	Crafton WC Boullioun	0
T1	Tate Pump Station to Zanja	0
C1	Greenspot Pipeline	0

Tailrace Pipeline		
G2	Northfork Canal Weir	4.5
H2	Edwards Canal	0.7
J2	Tailrace Valve to Parshall Flume	0
K2	Northfork Parshall Flume	0
I2	Tailrace Pipeline	5.2

SBVWCD Parshall FlumeTo Basins		
J2	Tailrace Valve to Parshall Flume	0
K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0
L2	SBVWCD Parshall Flume	0.0
	Parshall Flume (SCADA)	0

Deliveries		
V1	SAR PH #3 Afterbay Spill	0
W1	Redlands Aqueduct / Sandbox	13.6
Y1	Redlands Sandbox Spill	0
Z2	Cuttle Weir To River	0
B1	BVMWC Highline	2.8
C1	Greenspot Pipeline	0
I2	Tailrace Pipeline	5.2
L2	SBVWCD Parshall Flume	0
		minus
J2	Tailrace Valve	0
K2	Northfork Parshall Flume	0.0
I1	Redlands Tunnel	0.5
N2	Total SAR Deliveries	21.1

Irrigation		
D2	Boullioun Box Weir	2.8
		minus
B2	Gay Overflow	2.6
C2	Irrigation	0.2

Mill Creek Inflows

Total MC Inflows			Other		
A3	RPV Flow	2.7	E3	M/C #1 Penstock Flow	9.1
B3	M/C #3 Penstock	6.4	F3	Stream Parshall Flume to Yucaipa	0
C3	SBVWCD Mill Creek Diversion	0	G3	Observation at Garnet	0
D3	Total MC Inflows		9.1		

Mill Creek Deliveries

Yucaipa Pipeline			MC #1 Flow (Cooley Hat)			Total MC Deliveries			Other		
I3	Yucaipa Regional Park	0	P3	Tate Inflow	7	C3	SBVWCD Mill Creek Diversion	0	H3	Mentone Reservoir Level	20.2
J3	Wilson Creek Spreading	0	Q3	East Weir to Mill Creek	0	U3	Mill Creek #1 Flow (Cooley Hat)	9.1	R3	Boullioun to BVMWC Highline	0
K3	Yucaipa Pipeline	0	S3	East Weir to Zanja	2.1	Total MC Deliveries			V3	Zanja West Weir to CWC Canal	1.6
			T3	MC #1 Flow (Cooley Hat)					W3	Mill Creek PH #2,3 Afterbay Spill	0
									Y3	Crafton Reservoir Level (21.3)	20

SBVWCD Spreading		
C3	SBVWCD Mill Creek Diversion	0
L3	East Weir (MC)	0
M3	BVHL (SAR)	0
O3	SBVWCD Spreading	0

SBVWCD Recharge

Location		Type	Previous Day (AF)		WY To Date (AF)		Target
A4	Santa Ana River		E4	1.9	I4	2,637.0	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	133.7	
B4	Santa Ana River	SWP	F4	0	J4	81.0	
C4	Mill Creek	MC	G4	0	K4	959.7	73,800
D4	Mill Creek	SWP	H4	0	L4	0	714
	SBVMWD	SWP		0		0	
	WMWD	SWP					

SAR Passing Cuttle Weir	0	Share of Lost Flow	0	Estimate SAR Recharge	0
Mill Creek Passing Garnet	0	Share of Lost Flow	0	Estimate Mill Creek Recharge	0
Flow in the River Above Alabama	0	Flowing Beyond Alabama	0	Total River Recharge	0

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 5/20/2015

Time: 6:50:00 AM

State Water Project

Inflows		
A	BBMWD In-lieu	0
B	Muni test at Greenspot Station	0
C	Exchange Water	0
D	Purchased Water	1.7
E	Redlands Aqueduct Leakage	0
F	Recharge Project	0
G	Total SWP Inflows	1.7

Deliveries		
H	EVWD Treatment Plant	0
I	Santa Ana Low Turnout	0
J	Northfork Canal	1.7
K	Edwards Canal	0
L	Redlands Aqueduct	0
M	Crafton Unger Lane	0
N	BVMWC Boullioun Box	0
P	SARC West	0
Q	Zanja	0
R	Tate Treatment Plant	0
S	SBCFCD Grove	0
T	Newport for BVMWC	0
U	M/C spreading at Zanja Tate	0
V	Total SWP Deliveries	1.7

Santa Ana River Inflows

SAR PH #3 Penstock		
G2	Northfork Canal Weir	4.3
H2	Edwards Canal	0.9
J2	Tailrace Valve	0.0
K2	Northfork Parshall Flume	0.0
V1	PH#3 Afterbay SpillLoss to SAR	0.0
W1	Redlands Aqueduct / Sandbox	10.5
Y1	Redlands Sandbox Spill	0.0
minus		
F1	Greenspot Spill	0
D1	BVMWC River PU (USGS)	3.8
I1	Redlands Tunnel	0.5
A1	SAR PH #3 Penstock	11.4
K1	PH3# Penstock (SCADA)	10.5

BVMWC Highline		
A2	Newport	0
D2	Boullioun Box Weir	2.9
E2	Boullioun Box to Zanja	0
F2	SBVWCD Mill Creek Spreading	0
B1	BVMWC Highline	2.9

SOD Release Subtotal		
D1	BVMWC River PU (USGS)	3.8
E1	Main River Gage (USGS)	0
Z1	SOD Release Subtotal	3.8
Seven Oaks Dam		
W	Observation at SOD	2134.4
X	SOD Reservoir Elevation	0
Y	Debris Pool Elevation	0
Other		
J1	Big Bear Lake Release	1.2
L1	SCE SAR AVM (SCADA)	14.1

Total SAR Inflows		
A1	SAR PH #3 Penstock	11.4
B1	BVMWC Highline	2.9
C1	Greenspot Pipeline	0
D1	BVMWC River PU (USGS)	3.8
F1	Greenspot Spill	0
E1	Main River Gage (USGS)	0
D1a	BV Pick-Up gated	☐
A5	Total SAR Inflows	18.1

Santa Ana River Deliveries

Greenspot Pipeline		
M1	SBCFCD Grove	0
N1	BVMWC Highline	0
O1	Newport for BVMWC	0
P1	SBVWCD Mill Creek Spreading	0
Q1	Crafton WC Unger Lane	0
R1	BVMWC Highline to Boullioun	0
S1	Crafton WC Boullioun	0
T1	Tate Pump Station to Zanja	0
C1	Greenspot Pipeline	0

Tailrace Pipeline		
G2	Northfork Canal Weir	4.3
H2	Edwards Canal	0.9
J2	Tailrace Valve to Parshall Flume	0
K2	Northfork Parshall Flume	0
I2	Tailrace Pipeline	5.2

SBVWCD Parshall FlumeTo Basins		
J2	Tailrace Valve to Parshall Flume	0
K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0
L2	SBVWCD Parshall Flume	0.0
	Parshall Flume (SCADA)	0

Deliveries		
V1	SAR PH #3 Afterbay Spill	0
W1	Redlands Aqueduct / Sandbox	10.5
Y1	Redlands Sandbox Spill	0
Z2	Cuttle Weir To River	0
B1	BVMWC Highline	2.9
C1	Greenspot Pipeline	0
I2	Tailrace Pipeline	5.2
L2	SBVWCD Parshall Flume	0
		minus
J2	Tailrace Valve	0
K2	Northfork Parshall Flume	0.0
I1	Redlands Tunnel	0.5
N2	Total SAR Deliveries	18.1

Irrigation		
D2	Boullioun Box Weir	2.9
		minus
B2	Gay Overflow	2.6
C2	Irrigation	0.3

Mill Creek Inflows

Total MC Inflows			Other		
A3	RPU Flow	2.5	E3	M/C #1 Penstock Flow	9
B3	M/C #3 Penstock	6.5	F3	Stream Parshall Flume to Yucaipa	0
C3	SBVWCD Mill Creek Diversion	0	G3	Observation at Garnet	0
D3	Total MC Inflows	9			

Mill Creek Deliveries

Yucaipa Pipeline		
I3	Yucaipa Regional Park	0
J3	Wilson Creek Spreading	0
K3	Yucaipa Pipeline	0

MC #1 Flow (Cooley Hat)		
P3	Tate Inflow	7.9
Q3	East Weir to Mill Creek	0
S3	East Weir to Zanja	1.1
T3	MC #1 Flow (Cooley Hat)	9

Total MC Deliveries		
C3	SBVWCD Mill Creek Diversion	0
T3	Mill Creek #1 Flow (Cooley Hat)	9
U3	Total MC Deliveries	9

Other		
H3	Mentone Reservoir Level	20
R3	Boullioun to BVMWC Highline	0
V3	Zanja West Weir to CWC Canal	0
W3	Mill Creek PH #2,3 Afterbay Spill	0
Y3	Crafton Reservoir Level (21.3)	18.1

SBVWCD Spreading		
C3	SBVWCD Mill Creek Diversion	0
L3	East Weir (MC)	0
M3	BVHL (SAR)	0
O3	SBVWCD Spreading	0

SBVWCD Recharge

Location			Type	Previous Day (AF)		WY To Date (AF)		Target
A4	Santa Ana River	SAR	E4	0.0		I4	2,637.0	123,000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0		O4	133.7	
B4	Santa Ana River	SWP	F4	0		J4	81.0	
C4	Mill Creek	MC	G4	0		K4	959.7	73,800
D4	Mill Creek	SWP	H4	0		L4	0	714
	SBVMWD	SWP		0			0	
	WMWD	SWP						

SAR Passing Cuttle Weir	0	Share of Lost Flow	0	Estimate SAR Recharge	0
Mill Creek Passing Garnet	0	Share of Lost Flow	0	Estimate Mill Creek Recharge	0
Flow in the River Above Alabama	0	Flowing Beyond Alabama	0	Total River Recharge	0

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 5/21/2015

Time: 7:15:00 AM

State Water Project

Inflows		
A	BBMWD In-lieu	0
B	Muni test at Greenspot Station	0
C	Exchange Water	0
D	Purchased Water	8.5
E	Redlands Aqueduct Leakage	0
F	Recharge Project	0
G	Total SWP Inflows	8.5

Deliveries		
H	EVWD Treatment Plant	0
I	Santa Ana Low Turnout	0
J	Northfork Canal	1.9
K	Edwards Canal	0
L	Redlands Aqueduct	6
M	Crafton Unger Lane	0
N	BVMWC Boullioun Box	0
P	SARC West	0
Q	Zanja	0
R	Tate Treatment Plant	0
S	SBCFCD Grove	0
T	Newport for BVMWC	0.6
U	M/C spreading at Zanja Tate	0
V	Total SWP Deliveries	8.5

Santa Ana River Inflows

SAR PH #3 Penstock			BVMWC Highline			SOD Release Subtotal			Total SAR Inflows					
G2	Northfork Canal Weir	4.2	A2	Newport	0	D1	BVMWC River PU (USGS)	4.5	A1	SAR PH #3 Penstock	11.3			
H2	Edwards Canal	0.9	D2	Boullioun Box Weir	2.8	E1	Main River Gage (USGS)	0	B1	BVMWC Highline	2.8			
J2	Tailrace Valve	0.0	E2	Boullioun Box to Zanja	0	Z1	SOD Release Subtotal 4.5		C1	Greenspot Pipeline	0			
K2	Northfork Parshall Flume	0.0	F2	SBVWCD Mill Creek Spreading	0	Seven Oaks Dam			D1	BVMWC River PU (USGS)	4.5			
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline 2.8					W	Observation at SOD	2134.4	F1	Greenspot Spill	0
W1	Redlands Aqueduct / Sandbox	11.2							X	SOD Reservoir Elevation	0	E1	Main River Gage (USGS)	0
Y1	Redlands Sandbox Spill	0.0				Y	Debris Pool Elevation	0	D1a	BV Pick-Up gated	0			
		minus				Other			A5	Total SAR Inflows 18.6				
F1	Greenspot Spill	0							J1	Big Bear Lake Release	1.2			
D1	BVMWC River PU (USGS)	4.5							L1	SCE SAR AVM (SCADA)	14.1			
I1	Redlands Tunnel	0.5												
A1	SAR PH #3 Penstock 11.3													
K1	PH3# Penstock (SCADA) 10.5													

Santa Ana River Deliveries

Greenspot Pipeline		
M1	SBCFCD Grove	0
N1	BVMWC Highline	0
O1	Newport for BVMWC	0
P1	SBVWCD Mill Creek Spreading	0
Q1	Crafton WC Unger Lane	0
R1	BVMWC Highline to Boullioun	0
S1	Crafton WC Boullioun	0
T1	Tate Pump Station to Zanja	0
C1	Greenspot Pipeline	0

Tailrace Pipeline		
G2	Northfork Canal Weir	4.2
H2	Edwards Canal	0.9
J2	Tailrace Valve to Parshall Flume	0
K2	Northfork Parshall Flume	0
I2	Tailrace Pipeline	5.1

SBVWCD Parshall FlumeTo Basins		
J2	Tailrace Valve to Parshall Flume	0
K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0
L2	SBVWCD Parshall Flume	0.0
	Parshall Flume (SCADA)	0

Deliveries		
V1	SAR PH #3 Afterbay Spill	0
W1	Redlands Aqueduct / Sandbox	11.2
Y1	Redlands Sandbox Spill	0
Z2	Cuttle Weir To River	0
B1	BVMWC Highline	2.8
C1	Greenspot Pipeline	0
I2	Tailrace Pipeline	5.1
L2	SBVWCD Parshall Flume	0
		minus
J2	Tailrace Valve	0
K2	Northfork Parshall Flume	0.0
I1	Redlands Tunnel	0.5
N2	Total SAR Deliveries	18.6

Irrigation		
D2	Boullioun Box Weir	2.8
		minus
B2	Gay Overflow	2.6
C2	Irrigation	0.2

Mill Creek Inflows

Total MC Inflows			Other		
A3	RPU Flow	2.4	E3	M/C #1 Penstock Flow	8.7
B3	M/C #3 Penstock	6.3	F3	Stream Parshall Flume to Yucaipa	0
C3	SBVWCD Mill Creek Diversion	0	G3	Observation at Garnet	0
D3	Total MC Inflows		8.7		

Mill Creek Deliveries

Yucaipa Pipeline			MC #1 Flow (Cooley Hat)			Total MC Deliveries			Other		
I3	Yucaipa Regional Park	0	P3	Tate Inflow	6.5	C3	SBVWCD Mill Creek Diversion	0	H3	Mentone Reservoir Level	20.7
J3	Wilson Creek Spreading	0	Q3	East Weir to Mill Creek	0	U3	Mill Creek #1 Flow (Cooley Hat)	8.7	R3	Boullioun to BVMWC Highline	0
K3	Yucaipa Pipeline	0	S3	East Weir to Zanja	2.2	Total MC Deliveries			V3	Zanja West Weir to CWC Canal	1.4
			T3	MC #1 Flow (Cooley Hat)	8.7				W3	Mill Creek PH #2,3 Afterbay Spill	0
									Y3	Crafton Reservoir Level (21.3)	17

SBVWCD Spreading		
C3	SBVWCD Mill Creek Diversion	0
L3	East Weir (MC)	0
M3	BVHL (SAR)	0
O3	SBVWCD Spreading	0

SBVWCD Recharge

Location		Type	Previous Day (AF)		WY To Date (AF)		Target
A4	Santa Ana River	SAR	E4	0.0	I4	2,637.0	123,000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	133.7	
B4	Santa Ana River	SWP	F4	0	J4	81.0	
C4	Mill Creek	MC	G4	3.0	K4	959.7	73,800
D4	Mill Creek	SWP	H4	0	L4	0	714
	SBVMWD	SWP		0		0	
	WMWD	SWP					

SAR Passing Cuttle Weir	0	Share of Lost Flow	0	Estimate SAR Recharge	0
Mill Creek Passing Garnet	0	Share of Lost Flow	0	Estimate Mill Creek Recharge	0
Flow in the River Above Alabama	0	Flowing Beyond Alabama	0	Total River Recharge	0

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 5/22/2015

Time: 7:30:00 AM

State Water Project

Inflows		
A	BBMWD In-lieu	0
B	Muni test at Greenspot Station	0
C	Exchange Water	0
D	Purchased Water	8.1
E	Redlands Aqueduct Leakage	0
F	Recharge Project	0
G	Total SWP Inflows	8.1

Deliveries		
H	EVWD Treatment Plant	0
I	Santa Ana Low Turnout	0
J	Northfork Canal	2.0
K	Edwards Canal	0
L	Redlands Aqueduct	6.1
M	Crafton Unger Lane	0
N	BVMWC Boullioun Box	0
P	SARC West	0
Q	Zanja	0
R	Tate Treatment Plant	0
S	SBCFCD Grove	0
T	Newport for BVMWC	0
U	M/C spreading at Zanja Tate	0
V	Total SWP Deliveries	8.1

Santa Ana River Inflows

SAR PH #3 Penstock		
G2	Northfork Canal Weir	4.6
H2	Edwards Canal	0
J2	Tailrace Valve	0.0
K2	Northfork Parshall Flume	0.0
V1	PH#3 Afterbay SpillLoss to SAR	0.0
W1	Redlands Aqueduct / Sandbox	11.1
Y1	Redlands Sandbox Spill	0.0
minus		
F1	Greenspot Spill	0
D1	BVMWC River PU (USGS)	1.6
I1	Redlands Tunnel	0.5
A1	SAR PH #3 Penstock	13.6
K1	PH3# Penstock (SCADA)	13.5

BVMWC Highline		
A2	Newport	0
D2	Boullioun Box Weir	2.5
E2	Boullioun Box to Zanja	0
F2	SBVWCD Mill Creek Spreading	0
B1	BVMWC Highline	2.5

SOD Release Subtotal		
D1	BVMWC River PU (USGS)	1.6
E1	Main River Gage (USGS)	0
Z1	SOD Release Subtotal	1.6

Seven Oaks Dam		
w	Observation at SOD	2124.5
x	SOD Reservoir Elevation	0
y	Debris Pool Elevation	0

Other		
J1	Big Bear Lake Release	1.2
L1	SCE SAR AVM (SCADA)	16.5

Total SAR Inflows		
A1	SAR PH #3 Penstock	13.6
B1	BVMWC Highline	2.5
C1	Greenspot Pipeline	0
D1	BVMWC River PU (USGS)	1.6
F1	Greenspot Spill	0
E1	Main River Gage (USGS)	0
D1a	BV Pick-Up gated	☐
A5	Total SAR Inflows	17.7

Santa Ana River Deliveries

Greenspot Pipeline		
M1	SBCFCD Grove	0
N1	BVMWC Highline	0
O1	Newport for BVMWC	0
P1	SBVWCD Mill Creek Spreading	0
Q1	Crafton WC Unger Lane	0
R1	BVMWC Highline to Boullioun	0
S1	Crafton WC Boullioun	0
T1	Tate Pump Station to Zanja	0
C1	Greenspot Pipeline	0

Tailrace Pipeline		
G2	Northfork Canal Weir	4.6
H2	Edwards Canal	0
J2	Tailrace Valve to Parshall Flume	0
K2	Northfork Parshall Flume	0
I2	Tailrace Pipeline	4.6

SBVWCD Parshall FlumeTo Basins		
J2	Tailrace Valve to Parshall Flume	0
K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0
L2	SBVWCD Parshall Flume	0.0
	Parshall Flume (SCADA)	0

Deliveries		
V1	SAR PH #3 Afterbay Spill	0
W1	Redlands Aqueduct / Sandbox	11.1
Y1	Redlands Sandbox Spill	0
Z2	Cuttle Weir To River	0
B1	BVMWC Highline	2.5
C1	Greenspot Pipeline	0
I2	Tailrace Pipeline	4.6
L2	SBVWCD Parshall Flume	0
		minus
J2	Tailrace Valve	0
K2	Northfork Parshall Flume	0.0
I1	Redlands Tunnel	0.5
N2	Total SAR Deliveries	17.7

Irrigation		
D2	Boullioun Box Weir	2.5
		minus
B2	Gay Overflow	2.5
C2	Irrigation	0

Mill Creek Inflows

Total MC Inflows			Other		
A3	RPU Flow	2.8	E3	M/C #1 Penstock Flow	9.4
B3	M/C #3 Penstock	6.6	F3	Stream Parshall Flume to Yucaipa	0
C3	SBVWCD Mill Creek Diversion	0	G3	Observation at Garnet	0
D3	Total MC Inflows		9.4		

Mill Creek Deliveries

Yucaipa Pipeline			MC #1 Flow (Cooley Hat)			Total MC Deliveries			Other		
I3	Yucaipa Regional Park	0	P3	Tate Inflow	7	C3	SBVWCD Mill Creek Diversion	0	H3	Mentone Reservoir Level	21.1
J3	Wilson Creek Spreading	0	Q3	East Weir to Mill Creek	0	U3	Mill Creek #1 Flow (Cooley Hat)	9.4	R3	Boullioun to BVMWC Highline	0
K3	Yucaipa Pipeline	0	S3	East Weir to Zanja	2.4	Total MC Deliveries			V3	Zanja West Weir to CWC Canal	0.6
			T3	MC #1 Flow (Cooley Hat)					W3	Mill Creek PH #2,3 Afterbay Spill	0
									Y3	Crafton Reservoir Level (21.3)	16

SBVWCD Spreading		
C3	SBVWCD Mill Creek Diversion	0
L3	East Weir (MC)	0
M3	BVHL (SAR)	0
O3	SBVWCD Spreading	0

SBVWCD Recharge

Location		Type	Previous Day (AF)		WY To Date (AF)		Target
A4	Santa Ana River	SAR	E4	0.0	I4	2,637.0	123,000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	133.7	
B4	Santa Ana River	SWP	F4	0	J4	81.0	
C4	Mill Creek	MC	G4	3.0	K4	959.7	73,800
D4	Mill Creek	SWP	H4	0	L4	0	714
	SBVMWD	SWP		0		0	
	WMWD	SWP					

SAR Passing Cuttle Weir	0	Share of Lost Flow	0	Estimate SAR Recharge	0
Mill Creek Passing Garnet	0	Share of Lost Flow	0	Estimate Mill Creek Recharge	0
Flow in the River Above Alabama	0	Flowing Beyond Alabama	0	Total River Recharge	0

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 5/26/2015
Time: 7:00:00 AM

State Water Project

Inflows		
A	BBMWD In-lieu	0
B	Muni test at Greenspot Station	0
C	Exchange Water	0
D	Purchased Water	8.8
E	Redlands Aqueduct Leakage	0
F	Recharge Project	0
G	Total SWP inflows	8.8

Deliveries		
H	EVWD Treatment Plant	0
I	Santa Ana Low Turnout	0
J	Northfork Canal	2.0
K	Edwards Canal	0
L	Redlands Aqueduct	6.0
M	Crafton Unger Lane	0
N	BVMWC Bouillion Box	0
P	SARC West	0
Q	Zanja	0
R	Tate Treatment Plant	0
S	SBCFCD Grove	0
T	Newport for BVMWC	0.8
U	M/C spreading at Zanja Tate	0
V	Total SWP Deliveries	8.8

Santa Ana River Inflows

SAR PH #3 Penstock			BVMWC Highline			SOD Release Subtotal			Total SAR Inflows		
G2	Northfork Canal Weir	4.4	A2	Newport	0	D1	BVMWC River PU (USGS)	2.6	A1	SAR PH #3 Penstock	10
H2	Edwards Canal	0.7	D2	Boullioun Box Weir	2.6	E1	Main River Gage (USGS)	0	B1	BVMWC Highline	2.6
J2	Tailrace Valve	0.0	E2	Boullioun Box to Zanja	0	Z1	SOD Release Subtotal 2.6		C1	Greenspot Pipeline	0
K2	Northfork Parshall Flume	0.0	F2	SBVWCD Mill Creek Spreading	0	Seven Oaks Dam			D1	BVMWC River PU (USGS)	2.6
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline 2.6					W	Observation at SOD	2134.4
W1	Redlands Aqueduct / Sandbox	7.8				X	SOD Reservoir Elevation	0	E1	Main River Gage (USGS)	0
Y1	Redlands Sandbox Spill	0.0				Y	Debris Pool Elevation	0	D1a	BV Pick-Up gated	0
		minus							A5	Total SAR Inflows 15.2	
F1	Greenspot Spill	0				Other					
D1	BVMWC River PU (USGS)	2.6							J1	Big Bear Lake Release	1.2
I1	Redlands Tunnel	0.3				L1	SCE SAR AVM (SCADA)	NA			
A1	SAR PH #3 Penstock 10										
K1	PH3# Penstock (SCADA) 13.5										

Santa Ana River Deliveries

Greenspot Pipeline		
M1	SBCFCD Grove	0
N1	BVMWC Highline	0
O1	Newport for BVMWC	0
P1	SBVWCD Mill Creek Spreading	0
Q1	Crafton WC Unger Lane	0
R1	BVMWC Highline to Boullioun	0
S1	Crafton WC Boullioun	0
T1	Tate Pump Station to Zanja	0
C1	Greenspot Pipeline	0

Tailrace Pipeline		
G2	Northfork Canal Weir	4.4
H2	Edwards Canal	0.7
J2	Tailrace Valve to Parshall Flume	0
K2	Northfork Parshall Flume	0
I2	Tailrace Pipeline	5.1

SBVWCD Parshall FlumeTo Basins		
J2	Tailrace Valve to Parshall Flume	0
K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0
L2	SBVWCD Parshall Flume	0.0
	Parshall Flume (SCADA)	0

Deliveries		
V1	SAR PH #3 Afterbay Spill	0
W1	Redlands Aqueduct / Sandbox	7.8
Y1	Redlands Sandbox Spill	0
Z2	Cuttle Weir To River	0
B1	BVMWC Highline	2.6
C1	Greenspot Pipeline	0
I2	Tailrace Pipeline	5.1
L2	SBVWCD Parshall Flume	0
minus		
J2	Tailrace Valve	0
K2	Northfork Parshall Flume	0.0
I1	Redlands Tunnel	0.3
N2	Total SAR Deliveries	15.2

Irrigation		
D2	Boullioun Box Weir	2.6
minus		
B2	Gay Overflow	2.6
C2	Irrigation	0

Mill Creek Inflows

Total MC inflows		
A3	RPU Flow	NA
B3	M/C #3 Penstock	NA
C3	SBVWCD Mill Creek Diversion	0
D3	Total MC Inflows 7.8	

Other		
E3	M/C #1 Penstock Flow	7.8
F3	Stream Parshall Flume to Yucaipa	0
G3	Observation at Garnet	0

Mill Creek Deliveries

Yucaipa Pipeline		
I3	Yucaipa Regional Park	0
J3	Wilson Creek Spreading	0
K3	Yucaipa Pipeline	0

MC #1 Flow (Cooley Hat)		
P3	Tate Inflow	7
O3	East Weir to Mill Creek	0
S3	East Weir to Zanja	0.8
T3	MC #1 Flow (Cooley Hat)	7.8

Total MC Deliveries		
C3	SBVWCD Mill Creek Diversion	0
T3	Mill Creek #1 Flow (Cooley Hat)	7.8
U3	Total MC Deliveries	7.8

Other		
H3	Mentone Reservoir Level	20
R3	Boullioun to BVMWC Highline	0
V3	Zanja West Weir to CWC Canal	0
W3	Mill Creek PH #2,3 Afterbay Spill	0
Y3	Crafton Reservoir Level (21.3)	15.6

SBVWCD Spreading		
C3	SBVWCD Mill Creek Diversion	0
L3	East Weir (MC)	0
M3	BVHL (SAR)	0
O3	SBVWCD Spreading	0

SBVWCD Recharge

Location		Type	Previous Day (AF)		WY To Date (AF)		Target
A4	Santa Ana River	SAR	E4	8.4	I4	2,645.4	123,000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	133.7	
B4	Santa Ana River	SWP	F4	0	J4	81.0	
C4	Mill Creek	MC	G4	0	K4	959.7	73,800
D4	Mill Creek	SWP	H4	0	L4	0	714
	SBVMWD	SWP		0		0	
	WMWD	SWP					
SAR Passing Cuttle Weir		0	Share of Lost Flow		Estimate SAR Recharge		0
Mill Creek Passing Garnet		0	Share of Lost Flow		Estimate Mill Creek Recharge		0
Flow in the River Above Alabama		0	Flowing Beyond Alabama		Total River Recharge		0

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 5/27/2015

Time: 7:45:00 AM

State Water Project

Inflows		
A	BBMWD In-lieu	0
B	Muni test at Greenspot Station	0
C	Exchange Water	0
D	Purchased Water	8.5
E	Redlands Aqueduct Leakage	0
F	Recharge Project	0
G	Total SWP Inflows	8.5

Deliveries		
H	EVWD Treatment Plant	0
I	Santa Ana Low Turnout	0
J	Northfork Canal	1.9
K	Edwards Canal	0
L	Redlands Aqueduct	6.0
M	Crafton Unger Lane	0
N	BVMWC Boullioun Box	0
P	SARC West	0
Q	Zanja	0
R	Tate Treatment Plant	0
S	SBCFCD Grove	0
T	Newport for BVMWC	0.6
U	M/C spreading at Zanja Tate	0
V	Total SWP Deliveries	8.5

Santa Ana River Inflows

SAR PH #3 Penstock		
G2	Northfork Canal Weir	3.5
H2	Edwards Canal	0.7
J2	Tailrace Valve	0.0
K2	Northfork Parshall Flume	0.0
V1	PH#3 Afterbay SpillLoss to SAR	0.0
W1	Redlands Aqueduct / Sandbox	10.6
Y1	Redlands Sandbox Spill	0.0
minus		
F1	Greenspot Spill	0
D1	BVMWC River PU (USGS)	3
I1	Redlands Tunnel	0.3
A1	SAR PH #3 Penstock	11.5
K1	PH3# Penstock (SCADA)	10.0

BVMWC Highline		
A2	Newport	0
D2	Boullioun Box Weir	2.5
E2	Boullioun Box to Zanja	0
F2	SBVWCD Mill Creek Spreading	0
B1	BVMWC Highline	2.5

SOD Release Subtotal		
D1	BVMWC River PU (USGS)	3
E1	Main River Gage (USGS)	0
Z1	SOD Release Subtotal	3

Seven Oaks Dam		
w	Observation at SOD	2134.4
x	SOD Reservoir Elevation	0
y	Debris Pool Elevation	0

Other		
J1	Big Bear Lake Release	1.2
L1	SCE SAR AVM (SCADA)	13.9

Total SAR Inflows		
A1	SAR PH #3 Penstock	11.5
B1	BVMWC Highline	2.5
C1	Greenspot Pipeline	0
D1	BVMWC River PU (USGS)	3
F1	Greenspot Spill	0
E1	Main River Gage (USGS)	0
D1a	BV Pick-Up gated	☐
A5	Total SAR Inflows	17

Santa Ana River Deliveries

Greenspot Pipeline		
M1	SBCFCD Grove	0
N1	BVMWC Highline	0
O1	Newport for BVMWC	0
P1	SBVWCD Mill Creek Spreading	0
Q1	Crafton WC Unger Lane	0
R1	BVMWC Highline to Boullioun	0
S1	Crafton WC Boullioun	0
T1	Tate Pump Station to Zanja	0
C1	Greenspot Pipeline	0

Tailrace Pipeline		
G2	Northfork Canal Weir	3.5
H2	Edwards Canal	0.7
J2	Tailrace Valve to Parshall Flume	0
K2	Northfork Parshall Flume	0
I2	Tailrace Pipeline	4.2

SBVWCD Parshall FlumeTo Basins		
J2	Tailrace Valve to Parshall Flume	0
K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0
L2	SBVWCD Parshall Flume	0.0
	Parshall Flume (SCADA)	0

Deliveries		
V1	SAR PH #3 Afterbay Spill	0
W1	Redlands Aqueduct / Sandbox	10.6
Y1	Redlands Sandbox Spill	0
Z2	Cuttle Weir To River	0
B1	BVMWC Highline	2.5
C1	Greenspot Pipeline	0
I2	Tailrace Pipeline	4.2
L2	SBVWCD Parshall Flume	0
J2	Tailrace Valve	0
K2	Northfork Parshall Flume	0.0
I1	Redlands Tunnel	0.3
N2	Total SAR Deliveries	17

Irrigation		
D2	Boullioun Box Weir	2.5
	minus	
B2	Gay Overflow	2.5
C2	Irrigation	0

Mill Creek Inflows

Total MC Inflows			Other		
A3	RPV Flow	NA	E3	M/C #1 Penstock Flow	8.2
B3	M/C #3 Penstock	6.3	F3	Stream Parshall Flume to Yucaipa	0
C3	SBVWCD Mill Creek Diversion	0	G3	Observation at Garnet	0
D3	Total MC Inflows				
		8.2			

Mill Creek Deliveries

Yucaipa Pipeline			MC #1 Flow (Cooley Hat)			Total MC Deliveries			Other		
I3	Yucaipa Regional Park	0	P3	Tate Inflow	7	C3	SBVWCD Mill Creek Diversion	0	H3	Mentone Reservoir Level	20.2
J3	Wilson Creek Spreading	0	Q3	East Weir to Mill Creek	0	U3	Mill Creek #1 Flow (Cooley Hat)	8.2	R3	Boullioun to BVMWC Highline	0
K3	Yucaipa Pipeline	0	S3	East Weir to Zanja	1.2	Total MC Deliveries			V3	Zanja West Weir to CWC Canal	0.6
			T3	MC #1 Flow (Cooley Hat)	8.2				W3	Mill Creek PH #2,3 Afterbay Spill	0
									Y3	Crafton Reservoir Level (21.3)	15

SBVWCD Spreading		
C3	SBVWCD Mill Creek Diversion	0
L3	East Weir (MC)	0
M3	BVHL (SAR)	0
O3	SBVWCD Spreading	0

SBVWCD Recharge

Location			Type	Previous Day (AF)		WY To Date (AF)			Target
A4	Santa Ana River	SAR	E4	0.0		I4	2,645.4		123,000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0		O4	133.7		
B4	Santa Ana River	SWP	F4	0		J4	81.0		
C4	Mill Creek	MC	G4	0		K4	959.7		73,800
D4	Mill Creek	SWP	H4	0		L4	0		714
	SBVMWD	SWP		0			0		
	WMWD	SWP							

SAR Passing Cuttle Weir	0	Share of Lost Flow	0	Estimate SAR Recharge	0
Mill Creek Passing Garnet	0	Share of Lost Flow	0	Estimate Mill Creek Recharge	0
Flow in the River Above Alabama	0	Flowing Beyond Alabama	0	Total River Recharge	0

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 5/28/2015

Time: 7:30:00 AM

State Water Project

Inflows		
A	BBMWD In-lieu	0
B	Muni test at Greenspot Station	0
C	Exchange Water	0
D	Purchased Water	8.9
E	Redlands Aqueduct Leakage	0
F	Recharge Project	0
G	Total SWP Inflows	8.9

Deliveries		
H	EVWD Treatment Plant	0
I	Santa Ana Low Turnout	0
J	Northfork Canal	2.1
K	Edwards Canal	0
L	Redlands Aqueduct	6.0
M	Crafton Unger Lane	0
N	BVMWC Boullioun Box	0
P	SARC West	0
Q	Zanja	0
R	Tate Treatment Plant	0
S	SBCFCD Grove	0
T	Newport for BVMWC	0.8
U	M/C spreading at Zanja Tate	0
V	Total SWP Deliveries	8.9

Santa Ana River Inflows

SAR PH #3 Penstock			BVMWC Highline			SOD Release Subtotal			Total SAR Inflows					
G2	Northfork Canal Weir	3.8	A2	Newport	0	D1	BVMWC River PU (USGS)	3.1	A1	SAR PH #3 Penstock	8.6			
H2	Edwards Canal	0.7	D2	Boullioun Box Weir	2.7	E1	Main River Gage (USGS)	0	B1	BVMWC Highline	2.7			
J2	Tailrace Valve	0.0	E2	Boullioun Box to Zanja	0	Z1	SOD Release Subtotal 3.1		C1	Greenspot Pipeline	0			
K2	Northfork Parshall Flume	0.0	F2	SBVWCD Mill Creek Spreading	0	Seven Oaks Dam			D1	BVMWC River PU (USGS)	3.1			
V1	PH#3 Afterbay SpillLoss to SAR	0.0	B1	BVMWC Highline 2.7					W	Observation at SOD	2134.4	F1	Greenspot Spill	0
W1	Redlands Aqueduct / Sandbox	7.5							X	SOD Reservoir Elevation	0	E1	Main River Gage (USGS)	0
Y1	Redlands Sandbox Spill	0.0				Y	Debris Pool Elevation	0	D1a	BV Pick-Up gated	0			
		minus				Other			AS	Total SAR Inflows 14.4				
F1	Greenspot Spill	0							J1	Big Bear Lake Release	1.2			
D1	BVMWC River PU (USGS)	3.1							L1	SCE SAR AVM (SCADA)	13.7			
I1	Redlands Tunnel	0.3												
A1	SAR PH #3 Penstock 8.6													
K1	PH3# Penstock (SCADA) 10.1													

Santa Ana River Deliveries

Greenspot Pipeline		
M1	SBCFCD Grove	0
N1	BVMWC Highline	0
O1	Newport for BVMWC	0
P1	SBVWCD Mill Creek Spreading	0
Q1	Crafton WC Unger Lane	0
R1	BVMWC Highline to Boullioun	0
S1	Crafton WC Boullioun	0
T1	Tate Pump Station to Zanja	0
C1	Greenspot Pipeline	0

Tailrace Pipeline		
G2	Northfork Canal Weir	3.8
H2	Edwards Canal	0.7
J2	Tailrace Valve to Parshall Flume	0
K2	Northfork Parshall Flume	0
I2	Tailrace Pipeline	4.5

SBVWCD Parshall FlumeTo Basins		
J2	Tailrace Valve to Parshall Flume	0
K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0
L2	SBVWCD Parshall Flume	0.0
	Parshall Flume (SCADA)	0

Deliveries		
V1	SAR PH #3 Afterbay Spill	0
W1	Redlands Aqueduct / Sandbox	7.5
Y1	Redlands Sandbox Spill	0
Z2	Cuttle Weir To River	0
B1	BVMWC Highline	2.7
C1	Greenspot Pipeline	0
I2	Tailrace Pipeline	4.5
L2	SBVWCD Parshall Flume	0
		minus
J2	Tailrace Valve	0
K2	Northfork Parshall Flume	0.0
I1	Redlands Tunnel	0.3
N2	Total SAR Deliveries	14.4

Irrigation		
D2	Boullioun Box Weir	2.7
		minus
B2	Gay Overflow	2.7
C2	Irrigation	0

Mill Creek Inflows

Total MC Inflows			Other		
A3	RPV Flow	2.2	E3	M/C #1 Penstock Flow	8.2
B3	M/C #3 Penstock	6	F3	Stream Parshall Flume to Yucaipa	0
C3	SBVWCD Mill Creek Diversion	0	G3	Observation at Garnet	0
D3	Total MC Inflows	8.2			

Mill Creek Deliveries

Yucaipa Pipeline			MC #1 Flow (Cooley Hat)			Total MC Deliveries			Other		
I3	Yucaipa Regional Park	0	P3	Tate Inflow	7	C3	SBVWCD Mill Creek Diversion	0	H3	Mentone Reservoir Level	20.2
J3	Wilson Creek Spreading	0	Q3	East Weir to Mill Creek	0	U3	Mill Creek #1 Flow (Cooley Hat)	8.2	R3	Boullioun to BVMWC Highline	0
K3	Yucaipa Pipeline	0	S3	East Weir to Zanja	1.2	Total MC Deliveries			V3	Zanja West Weir to CWC Canal	0.6
			T3	MC #1 Flow (Cooley Hat)					W3	Mill Creek PH #2,3 Afterbay Spill	0
									Y3	Crafton Reservoir Level (21.3)	15.5

SBVWCD Spreading		
C3	SBVWCD Mill Creek Diversion	0
L3	East Weir (MC)	0
M3	BVHL (SAR)	0
O3	SBVWCD Spreading	0

SBVWCD Recharge

Location			Type	Previous Day (AF)		WY To Date (AF)		Target
A4	Santa Ana River	SAR	E4	0.0		I4	2,645.4	123,000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0		O4	133.7	
B4	Santa Ana River	SWP	F4	0		J4	81.0	
C4	Mill Creek	MC	G4	0		K4	959.7	73,800
D4	Mill Creek	SWP	H4	0		L4	0	714
	SBVMWD	SWP		0			0	
	WMWD	SWP						

SAR Passing Cuttle Weir	0	Share of Lost Flow	0	Estimate SAR Recharge	0
Mill Creek Passing Garnet	0	Share of Lost Flow	0	Estimate Mill Creek Recharge	0
Flow in the River Above Alabama	0	Flowing Beyond Alabama	0	Total River Recharge	0

Santa Ana River - Mill Creek Cooperative Water Project

Daily Flow Report

Date: 5/29/2015

Time: 7:45:00 AM

State Water Project

Inflows		
A	BBMWD In-lieu	0
B	Muni test at Greenspot Station	0
C	Exchange Water	0
D	Purchased Water	8.9
E	Redlands Aqueduct Leakage	0
F	Recharge Project	0
G	Total SWP Inflows	8.9

Deliveries		
H	EVWD Treatment Plant	0
I	Santa Ana Low Turnout	0
J	Northfork Canal	2.1
K	Edwards Canal	0
L	Redlands Aqueduct	6.0
M	Crafton Unger Lane	0
N	BVMWC Boullioun Box	0
P	SARC West	0
Q	Zanja	0
R	Tate Treatment Plant	0
S	SBCFCD Grove	0
T	Newport for BVMWC	0.8
U	M/C spreading at Zanja Tate	0
V	Total SWP Deliveries	8.9

Santa Ana River Inflows

SAR PH #3 Penstock		
G2	Northfork Canal Weir	3.8
H2	Edwards Canal	0
J2	Tailrace Valve	0.0
K2	Northfork Parshall Flume	0.0
V1	PH#3 Afterbay SpillLoss to SAR	0.0
W1	Redlands Aqueduct / Sandbox	8.8
Y1	Redlands Sandbox Spill	0.0
minus		
F1	Greenspot Spill	0
D1	BVMWC River PU (USGS)	3
I1	Redlands Tunnel	0.3
A1	SAR PH #3 Penstock	9.3
K1	PH3# Penstock (SCADA)	8.6

BVMWC Highline		
A2	Newport	0
D2	Boullioun Box Weir	2.7
E2	Boullioun Box to Zanja	0
F2	SBVWCD Mill Creek Spreading	0
B1	BVMWC Highline	2.7

SOD Release Subtotal		
D1	BVMWC River PU (USGS)	3
E1	Main River Gage (USGS)	0
Z1	SOD Release Subtotal	3

Seven Oaks Dam		
w	Observation at SOD	2134.4
x	SOD Reservoir Elevation	0
y	Debris Pool Elevation	0

Other		
J1	Big Bear Lake Release	1.2
L1	SCE SAR AVM (SCADA)	11.9

Total SAR Inflows		
A1	SAR PH #3 Penstock	9.3
B1	BVMWC Highline	2.7
C1	Greenspot Pipeline	0
D1	BVMWC River PU (USGS)	3
F1	Greenspot Spill	0
E1	Main River Gage (USGS)	0
D1a	BV Pick-Up gated	☐
A5	Total SAR Inflows	15

Santa Ana River Deliveries

Greenspot Pipeline		
M1	SBCFCD Grove	0
N1	BVMWC Highline	0
O1	Newport for BVMWC	0
P1	SBVWCD Mill Creek Spreading	0
Q1	Crafton WC Unger Lane	0
R1	BVMWC Highline to Boullioun	0
S1	Crafton WC Boullioun	0
T1	Tate Pump Station to Zanja	0
C1	Greenspot Pipeline	0

Tailrace Pipeline		
G2	Northfork Canal Weir	3.8
H2	Edwards Canal	0
J2	Tailrace Valve to Parshall Flume	0
K2	Northfork Parshall Flume	0
I2	Tailrace Pipeline	3.8

SBVWCD Parshall FlumeTo Basins		
J2	Tailrace Valve to Parshall Flume	0
K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0
L2	SBVWCD Parshall Flume	0.0
	Parshall Flume (SCADA)	0

Deliveries		
V1	SAR PH #3 Afterbay Spill	0
W1	Redlands Aqueduct / Sandbox	8.8
Y1	Redlands Sandbox Spill	0
Z2	Cuttle Weir To River	0
B1	BVMWC Highline	2.7
C1	Greenspot Pipeline	0
I2	Tailrace Pipeline	3.8
L2	SBVWCD Parshall Flume	0
		minus
J2	Tailrace Valve	0
K2	Northfork Parshall Flume	0.0
I1	Redlands Tunnel	0.3
N2	Total SAR Deliveries	15

Irrigation		
D2	Boullioun Box Weir	2.7
		minus
B2	Gay Overflow	2.7
C2	Irrigation	0

Mill Creek Inflows

Total MC Inflows			Other		
A3	RPU Flow	2.1	E3	M/C #1 Penstock Flow	8.2
B3	M/C #3 Penstock	6.1	F3	Stream Parshall Flume to Yucaipa	0
C3	SBVWCD Mill Creek Diversion	0	G3	Observation at Garnet	0
D3	Total MC Inflows		8.2		

Mill Creek Deliveries

Yucaipa Pipeline			MC #1 Flow (Cooley Hat)			Total MC Deliveries			Other		
I3	Yucaipa Regional Park	0	P3	Tate Inflow	7.6	C3	SBVWCD Mill Creek Diversion	0	H3	Mentone Reservoir Level	20.6
J3	Wilson Creek Spreading	0	Q3	East Weir to Mill Creek	0	U3	Mill Creek #1 Flow (Cooley Hat)	8.2	R3	Boullioun to BVMWC Highline	0
K3	Yucaipa Pipeline	0	S3	East Weir to Zanja	0.6	Total MC Deliveries			V3	Zanja West Weir to CWC Canal	0.2
			T3	MC #1 Flow (Cooley Hat)	8.2				W3	Mill Creek PH #2,3 Afterbay Spill	0
									Y3	Crafton Reservoir Level (21.3)	15

SBVWCD Spreading		
C3	SBVWCD Mill Creek Diversion	0
L3	East Weir (MC)	0
M3	BVHL (SAR)	0
O3	SBVWCD Spreading	0

SBVWCD Recharge

Location			Type	Previous Day (AF)		WY To Date (AF)		Target
A4	Santa Ana River	SAR	E4	0.0		I4	2,645.4	123,000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0		O4	133.7	
B4	Santa Ana River	SWP	F4	0		J4	81.0	
C4	Mill Creek	MC	G4	0		K4	959.7	73,800
D4	Mill Creek	SWP	H4	0		L4	0	714
	SBVMWD	SWP		0			0	
	WMWD	SWP						

SAR Passing Cuttle Weir	0	Share of Lost Flow	0	Estimate SAR Recharge	0
Mill Creek Passing Garnet	0	Share of Lost Flow	0	Estimate Mill Creek Recharge	0
Flow in the River Above Alabama	0	Flowing Beyond Alabama	0	Total River Recharge	0