

Santa Ana River-Mill Creek Cooperative Water Project									
						Date: July 31, 2012			
						Time: 0715			
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	0.0	
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0	
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	0.0	
(+D)	Purchased Water	7.9	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0	
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	7.9	(+T)	¹ Newport for BVMWC	0.0	
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	0.0	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	7.9	(+N)	¹ BVMWC Boullioun Box	0.0				
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries	7.9	
Santa Ana River				SOD Reservoir Elevation	NA		Debris Pool Elevation	2200.00	
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	
(+A1)	PH #3 Penstock (CALC)	1.0	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.0	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	2.2	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	3.8	
(+F1)	Greenspot Spill	5.0	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boullioun Box Weir	6.0	
A4	SAR Inflow-SubTotal-1	12.0	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullioun Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	9.4	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	0.4	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.0	
Z1	SOD ReleaseSubTotal D1+E1	9.8	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	6.3	
(Σ)G1	SubTotal 1+2 SAR Inflows	21.8	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	0.0	
(-D1)a	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	0.0	(+J2)	Tailrace Valve	0.0	
(Σ)A5	Total SAR Inflows	21.8	W1	Redlands Aqueduct / Sandbox	4.3	(+K2)	Northfork Parshall Flume	5.6	
H1	SBVWCD Diversion	0.4	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	11.9	
I1	Redlands Tunnel	0.8	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	6.0	
J1	^a Big Bear Lake Release	1.8	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0	
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹ Total SAR Deliveries	21.8	
L1	SCE SAR AVM (SCADA)	12.0							
				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	13.0
	Inflows	Flow Rate (cfs)		(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	1.0
(+A3)	RPU Flow	6.6	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	9.9	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	2.5	
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	16.5	
(Σ)D3	Total MC Inflows	16.5	(+C3)	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	16.5	
E3	M/C #1 Penstock Flow	16.5	(Σ)O3	SBVWCD Spreading	0.0	V3	Zanja West Weir to CWC Canal	0.8	
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0	
G3	Observation at Garnet Bridge	2.0							
H3			I3	Mentone Reser. Level (23.0)	19.4	Y3	Crafton Reser. Level (21.3)	18.3	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)			WY To Date (AF)	Target	
A4	Santa Ana River	SAR	E4	12	I4	8,087	10400/30000		
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0			
B4	Santa Ana River	SWP	F4	0	J4	0			
C4	Mill Creek	MC	G4	1	K4	4,500	18,000		
D4	Mill Creek	SWP	H4	0	L4	0	714		
	SBVMWD	SWP		0		0			
	WMWD	SWP							
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge¹⁸	0	
	Mill Creek Passing Garnet	MC	2	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge¹⁹	2	
	Flow in the River Above Alabama	Total	2	Flowing Beyond Alabama	0		Total River Recharge	2	

Santa Ana River-Mill Creek Cooperative Water Project							
Daily Flow Report						Date: July 30, 2012	
						Time: 0715	
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	0.0		
(+B) Muni test @ Greenspot Sta.	0.0	(+I) ¹ Santa Ana Low Turnout	0.0	(+Q) ¹ Zanja	0.0		
(+C) Exchange Water	0.0	(+J) ¹ Northfork Canal	0.0	(+R) ¹ Tate Treatment Plant	0.0		
(+D) Purchased Water	13.1	(+K) ¹ Edwards Canal	0.0	(+S) ¹ SBCFCD Grove	0.0		
(+E) Redlands Aqueduct Leakage	0.0	(+L) ¹ Redlands Aqueduct	8.0	(+T) ¹ Newport for BVMWC	0.0		
(+F) Recharge Project	0.0	(+M) ¹ Crafton Unger Lane	5.1	(+U) ¹ M/C spreading @ ZT	0.0		
(Σ)G Total SWP Inflows	13.1	(+N) ¹ BVMWC Boullioun Box	0.0				
Observation at SOD				NA	(Σ)V Total SWP Deliveries	13.1	
Santa Ana River							
SOD Reservoir Elevation				NA	Debris Pool Elevation		2200.00
Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
(+A1) PH #3 Penstock (CALC)	1.0	(+M1) SBCFCD Grove	0.0	(+A2) Newport	0.0		
(+B1) BVMWC Highline	6.0	(+N1) BVMWC Highline	0.0	(+B2) Gay Overflow	2.7		
(+C1) Greenspot Pipeline	0.0	(+O1) Newport for BVMWC	0.0	(+C2) Irrigation	3.3		
(+F1) Greenspot Spill	4.0	(+P1) SBVWCD Mill Creek Spreading	0.0	(+Σ)D2 Boullioun Box Weir	6.0		
A4 SAR Inflow-SubTotal-1	11.0	(+Q1) Crafton WC Unger Lane	0.0	(+E2) Boullioun Box to Zanja	0.0		
(+D1) BVMWC Rvr PU-USGS, Flume	9.9	(+R1) BVMWC Highline to Boullioun	0.0	(+F2) SBVWCD Mill Creek Spread	0.0		
(+E1) Main River Gage (USGS)	0.6	(+S1) Crafton WC Boullioun	0.0	(Σ)B1 BVMWC Highline	6.0		
Z1 SOD ReleaseSubTotal D1+E1	10.5	(+T1) Tate Pump Station to Zanja	0.0	(+G2) Northfork Canal Weir	6.4		
(Σ)G1 SubTotal 1+2 SAR Inflows	21.5	(Σ)C1 Greenspot Pipeline	0.0	(+H2) Edwards Canal	1.0		
(-D1)a If BV p/u gated, divert to SAR="Y"		(+V1) PH#3 Afterbay SpillLoss to SAR	0.0	(+J2) Tailrace Valve	0.0		
(Σ)A5 Total SAR Inflows	21.5	W1 Redlands Aqueduct / Sandbox	3.9	(+K2) Northfork Parshall Flume	4.4		
H1 SBVWCD Diversion	0.6	X1 SBVWCD Mill Creek Spreading	0.0	(Σ)I2 Tailrace Pipeline	11.8		
I1 Redlands Tunnel	0.8	Y1 Redlands Sandbox Spill	0.0	(+L2) SBVWCD Parshall FlumeTo Basins	5.0		
J1 ^a Big Bear Lake Release	1.8	(+Z2) Cuttle Weir To River	0.0	(Σ)C1 Greenspot Pipeline	0.0		
K1 PH#3 Penstock (SCADA)	NA			(Σ)N2 ¹ Total SAR Deliveries	21.5		
L1 SCE SAR AVM (SCADA)	11.0						
			Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
Mill Creek							
		(+I3) Yucaipa Regional Park	0.0	(+P3) Tate Inflow	13.0		
Inflows	Flow Rate (cfs)	(+J3) Wilson Creek Spreading	0.0	(+Q3) East Weir to Mill Creek	3.0		
(+A3) RPU Flow	7.9	(Σ)K3 Yucaipa Pipeline	0.0	(+R3) Boullioun to BVMWC Highline	0.0		
(+B3) M/C #3 Penstock	10.0	(+L3) East Weir (MC)	3.0	(+S3) East Weir to Zanja	1.9		
(+C3) SBVWCD Mill Creek Diversion	0.0	(+M3) BVHL (SAR)	0.0	(Σ)T3 Mill Creek #1 Flow (Cooley Hat)	17.9		
(Σ)D3 Total MC Inflows	17.9	(+C3) Mill Creek Diversion (MC)	0.0	U3 Total MC Deliveries	17.9		
E3 M/C #1 Penstock Flow	17.9	(Σ)O3 SBVWCD Spreading	3.0	V3 Zanja West Weir to CWC Canal	4.4		
F3 Stream Parshall Flume to Yucaipa	0.0			W3 Mill Creek PH #2,3 Afterbay Spill	0.0		
G3 Observation at Garnet Bridge	2.0						
H3		I3 Mentone Reser. Level (23.0)	19.5	Y3 Crafton Reser. Level (21.3)	20.0		
SBVWCD Recharge							
Location	Type		Previous Day (AF)		WY To Date (AF)	Target	
A4 Santa Ana River	SAR	E4	30	I4	8,075	10400/30000	
M4 Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0		
B4 Santa Ana River	SWP	F4	0	J4	0		
C4 Mill Creek	MC	G4	5	K4	4,498	18,000	
D4 Mill Creek	SWP	H4	0	L4	0	714	
	SBVMWD	SWP	0		0		
	WMWD	SWP					
SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP Estimate SAR Recharge ¹⁸	0	
Mill Creek Passing Garnet	MC	2	Share of Lost Flow	0	MCRP Estimate Mill Creek Recharge ¹⁹	2	
Flow in the River Above Alabama	Total	2	Flowing Beyond Alabama	0	Total River Recharge	2	

Santa Ana River-Mill Creek Cooperative Water Project									
						Date: July 27, 2012			
						Time: 0715			
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	0.0	
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0	
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	0.0	
(+D)	Purchased Water	13.8	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0	
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	8.0	(+T)	¹ Newport for BVMWC	0.8	
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	5.0	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	13.8	(+N)	¹ BVMWC Boullioun Box	0.0				
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries	13.8	
Santa Ana River				SOD Reservoir Elevation	NA		Debris Pool Elevation	2200.00	
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
(+A1)	PH #3 Penstock (CALC)	1.7	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.0	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	2.0	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	4.0	
(+F1)	Greenspot Spill	5.5	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boullioun Box Weir	6.0	
A4	SAR Inflow-SubTotal-1	13.2	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullioun Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	7.2	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	0.6	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.0	
Z1	SOD ReleaseSubTotal D1+E1	7.8	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	8.9	
(Σ)G1	SubTotal 1+2 SAR Inflows	21.0	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	0.0	
(-D1)a	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	0.0	(+J2)	Tailrace Valve	0.0	
(Σ)A5	Total SAR Inflows	21.0	W1	Redlands Aqueduct / Sandbox	3.9	(+K2)	Northfork Parshall Flume	2.4	
H1	SBVWCD Diversion	0.6	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	11.3	
I1	Redlands Tunnel	0.8	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	3.0	
J1	^a Big Bear Lake Release	1.8	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0	
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹⁾ Total SAR Deliveries	21.0	
L1	SCE SAR AVM (SCADA)	11.8							
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	13.0
	Inflows	Flow Rate (cfs)		(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.0
(+A3)	RPU Flow	6.9	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	10.0	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	3.9	
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	16.9	
(Σ)D3	Total MC Inflows	16.9	(+C3)	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	16.9	
E3	M/C #1 Penstock Flow	16.9	(Σ)O3	SBVWCD Spreading	0.0	V3	Zanja West Weir to CWC Canal	6.7	
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0	
G3	Observation at Garnet Bridge	2.0							
H3			I3	Mentone Reser. Level (23.0)	19.7	Y3	Crafton Reser. Level (21.3)	16.2	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target		
A4	Santa Ana River	SAR	E4	6	I4	8,045	10400/30000		
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0			
B4	Santa Ana River	SWP	F4	0	J4	0			
C4	Mill Creek	MC	G4	0	K4	4,494	18,000		
D4	Mill Creek	SWP	H4	0	L4	0	714		
	SBVMWD	SWP		0		0			
	WMWD	SWP							
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge¹⁸	0	
	Mill Creek Passing Garnet	MC	2	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge¹⁹	2	
	Flow in the River Above Alabama	Total	2	Flowing Beyond Alabama	0		Total River Recharge	2	

Santa Ana River-Mill Creek Cooperative Water Project									
						Date: July 26, 2012			
						Time: 0715			
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	0.0	
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0	
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	0.0	
(+D)	Purchased Water	13.6	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0	
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	8.0	(+T)	¹ Newport for BVMWC	0.7	
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	4.9	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	13.6	(+N)	¹ BVMWC Boullioun Box	0.0				
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries	13.6	
Santa Ana River				SOD Reservoir Elevation	NA		Debris Pool Elevation	2200.00	
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	
(+A1)	PH #3 Penstock (CALC)	1.0	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.0	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	2.0	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	4.0	
(+F1)	Greenspot Spill	5.5	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boullioun Box Weir	6.0	
A4	SAR Inflow-SubTotal-1	12.5	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullioun Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	7.2	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	0.6	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.0	
Z1	SOD ReleaseSubTotal D1+E1	7.8	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	8.2	
(Σ)G1	SubTotal 1+2 SAR Inflows	20.3	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	0.0	
(-D1)a	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	0.0	(+J2)	Tailrace Valve	0.0	
(Σ)A5	Total SAR Inflows	20.3	W1	Redlands Aqueduct / Sandbox	3.9	(+K2)	Northfork Parshall Flume	2.4	
H1	SBVWCD Diversion	0.6	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	10.6	
I1	Redlands Tunnel	0.8	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	3.0	
J1	^a Big Bear Lake Release	1.8	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0	
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹⁾ Total SAR Deliveries	20.3	
L1	SCE SAR AVM (SCADA)	12.5							
				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	13.0
	Inflows	Flow Rate (cfs)		(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.0
(+A3)	RPU Flow	7.1	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	10.2	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	4.3	
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	17.3	
(Σ)D3	Total MC Inflows	17.3	(+C3)	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	17.3	
E3	M/C #1 Penstock Flow	17.3	(Σ)O3	SBVWCD Spreading	0.0	V3	Zanja West Weir to CWC Canal	6.9	
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0	
G3	Observation at Garnet Bridge	2.0							
H3			I3	Mentone Reser. Level (23.0)	19.5	Y3	Crafton Reser. Level (21.3)	14.6	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)			WY To Date (AF)	Target	
A4	Santa Ana River	SAR	E4	4		I4	8,033	10400/30000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0		O4	0		
B4	Santa Ana River	SWP	F4	0		J4	0		
C4	Mill Creek	MC	G4	0		K4	4,494	18,000	
D4	Mill Creek	SWP	H4	0		L4	0	714	
	SBVMWD	SWP		0			0		
	WMWD	SWP							
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge¹⁸	0	
	Mill Creek Passing Garnet	MC	2	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge¹⁹	2	
	Flow in the River Above Alabama	Total	2	Flowing Beyond Alabama	0		Total River Recharge	2	

Santa Ana River-Mill Creek Cooperative Water Project									
				Daily Flow Report		Date: July 25, 2012			
						Time: 0715			
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	0.0	
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0	
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	0.0	
(+D)	Purchased Water	13.1	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0	
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	8.1	(+T)	¹ Newport for BVMWC	0.0	
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	5.0	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	13.1	(+N)	¹ BVMWC Boullioun Box	0.0				
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries	13.1	
Santa Ana River				SOD Reservoir Elevation	NA		Debris Pool Elevation	2200.00	
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
(+A1)	PH #3 Penstock (CALC)	1.0	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.0	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	1.4	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	4.6	
(+F1)	Greenspot Spill	4.7	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boullioun Box Weir	6.0	
A4	SAR Inflow-SubTotal-1	11.7	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullioun Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	8.1	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	0.6	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.0	
Z1	SOD ReleaseSubTotal D1+E1	8.7	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	8.6	
(Σ)G1	SubTotal 1+2 SAR Inflows	20.4	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	0.0	
(-D1)a	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	0.0	(+J2)	Tailrace Valve	0.0	
(Σ)A5	Total SAR Inflows	20.4	W1	Redlands Aqueduct / Sandbox	4.6	(+K2)	Northfork Parshall Flume	1.4	
H1	SBVWCD Diversion	0.6	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	10.0	
I1	Redlands Tunnel	0.8	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	2.0	
J1	^a Big Bear Lake Release	1.8	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0	
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹ Total SAR Deliveries	20.4	
L1	SCE SAR AVM (SCADA)	11.5							
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	13.0
	Inflows	Flow Rate (cfs)		(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.0
(+A3)	RPU Flow	7.0	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	10.9	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	4.9	
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	17.9	
(Σ)D3	Total MC Inflows	17.9	(+C3)	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	17.9	
E3	M/C #1 Penstock Flow	17.9	(Σ)O3	SBVWCD Spreading	0.0	V3	Zanja West Weir to CWC Canal	6.9	
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0	
G3	Observation at Garnet Bridge	2.0							
H3			I3	Mentone Reser. Level (23.0)	19.6	Y3	Crafton Reser. Level (21.3)	12.0	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target		
A4	Santa Ana River	SAR	E4	4	I4	8,033	10400/30000		
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0			
B4	Santa Ana River	SWP	F4	0	J4	0			
C4	Mill Creek	MC	G4	0	K4	4,494	18,000		
D4	Mill Creek	SWP	H4	0	L4	0	714		
	SBVMWD	SWP		0		0			
	WMWD	SWP							
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge¹⁸	0	
	Mill Creek Passing Garnet	MC	2	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge¹⁹	2	
	Flow in the River Above Alabama	Total	2	Flowing Beyond Alabama	0		Total River Recharge	2	

Santa Ana River-Mill Creek Cooperative Water Project								
				Daily Flow Report		Date: July 24, 2012		
						Time: 0715		
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	0.0
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	0.0
(+D)	Purchased Water	9.0	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	6.0	(+T)	¹ Newport for BVMWC	0.0
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	3.0	(+U)	¹ M/C spreading @ ZT	0.0
(Σ)G	Total SWP Inflows	9.0	(+N)	¹ BVMWC Boullioun Box	0.0			
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries	9.0
Santa Ana River								
				SOD Reservoir Elevation	NA	Debris Pool Elevation		2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
(+A1)	PH #3 Penstock (CALC)	1.0	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0
(+B1)	BVMWC Highline	6.0	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	1.7
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	4.3
(+F1)	Greenspot Spill	4.7	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boullioun Box Weir	6.0
A4	SAR Inflow-SubTotal-1	11.7	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullioun Box to Zanja	0.0
(+D1)	BVMWC Rvr PU-USGS, Flume	7.3	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0
(+E1)	Main River Gage (USGS)	0.6	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.0
Z1	SOD ReleaseSubTotal D1+E1	7.9	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	7.5
(Σ)G1	SubTotal 1+2 SAR Inflows	19.6	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	0.0
(-D1)a	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	0.0	(+J2)	Tailrace Valve	0.0
(Σ)A5	Total SAR Inflows	19.6	W1	Redlands Aqueduct / Sandbox	4.9	(+K2)	Northfork Parshall Flume	1.4
H1	SBVWCD Diversion	0.6	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	8.9
I1	Redlands Tunnel	0.8	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	2.0
J1	^a Big Bear Lake Release	1.8	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹⁾ Total SAR Deliveries	19.6
L1	SCE SAR AVM (SCADA)	11.7						
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
Mill Creek								
			(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	14.0
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.0
(+A3)	RPU Flow	7.0	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0
(+B3)	M/C #3 Penstock	10.9	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	3.9
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	17.9
(Σ)D3	Total MC Inflows	17.9	(+C3)	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	17.9
E3	M/C #1 Penstock Flow	17.9	(Σ)O3	SBVWCD Spreading	0.0	V3	Zanja West Weir to CWC Canal	5.4
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
G3	Observation at Garnet Bridge	2.0						
H3			I3	Mentone Reser. Level (23.0)	19.3	Y3	Crafton Reser. Level (21.3)	11.6
SBVWCD Recharge								
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target	
A4	Santa Ana River	SAR	E4	4	I4	8,029	10400/30000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0		
B4	Santa Ana River	SWP	F4	0	J4	0		
C4	Mill Creek	MC	G4	0	K4	4,494	18,000	
D4	Mill Creek	SWP	H4	0	L4	0	714	
	SBVMWD	SWP		0		0		
	WMWD	SWP						
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge ¹⁸	0
	Mill Creek Passing Garnet	MC	2	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹	2
	Flow in the River Above Alabama	Total	2	Flowing Beyond Alabama	0		Total River Recharge	2

Santa Ana River-Mill Creek Cooperative Water Project								
				Daily Flow Report		Date: July 23, 2012		
						Time: 0715		
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	0.0
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	0.0
(+D)	Purchased Water	9.1	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	6.1	(+T)	¹ Newport for BVMWC	0.0
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	3.0	(+U)	¹ M/C spreading @ ZT	0.0
(Σ)G	Total SWP Inflows	9.1	(+N)	¹ BVMWC Boullioun Box	0.0			0.0
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries	9.1
Santa Ana River								
				SOD Reservoir Elevation	NA	Debris Pool Elevation		2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
(+A1)	PH #3 Penstock (CALC)	1.1	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0
(+B1)	BVMWC Highline	6.0	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	1.7
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	4.3
(+F1)	Greenspot Spill	2.8	(+P1)	SBVWCD Mill Creek Spreading	0.0	(Σ)D2	Boullioun Box Weir	6.0
A4	SAR Inflow-SubTotal-1	9.9	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullioun Box to Zanja	0.0
(+D1)	BVMWC Rvr PU-USGS, Flume	16.6	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0
(+E1)	Main River Gage (USGS)	0.6	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.0
Z1	SOD ReleaseSubTotal D1+E1	17.2	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	9.6
(Σ)G1	SubTotal 1+2 SAR Inflows	27.1	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	0.0
(-D1)a	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	0.0	(+J2)	Tailrace Valve	0.0
(Σ)A5	Total SAR Inflows	27.1	W1	Redlands Aqueduct / Sandbox	8.3	(+K2)	Northfork Parshall Flume	3.4
H1	SBVWCD Diversion	0.6	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	13.0
I1	Redlands Tunnel	0.8	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	4.0
J1	^a Big Bear Lake Release	1.8	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹⁾ Total SAR Deliveries	27.1
L1	SCE SAR AVM (SCADA)	9.4						
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
Mill Creek								
			(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	14.4
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.0
(+A3)	RPU Flow	6.9	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0
(+B3)	M/C #3 Penstock	11.5	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	4.0
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	18.4
(Σ)D3	Total MC Inflows	18.4	(+C3)	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	18.4
E3	M/C #1 Penstock Flow	18.4	(Σ)O3	SBVWCD Spreading	0.0	V3	Zanja West Weir to CWC Canal	6.1
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
G3	Observation at Garnet Bridge	2.0						
H3			I3	Mentone Reser. Level (23.0)	19.6	Y3	Crafton Reser. Level (21.3)	13.3
SBVWCD Recharge								
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target	
A4	Santa Ana River	SAR	E4	24	I4	8,025	10400/30000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0		
B4	Santa Ana River	SWP	F4	0	J4	0		
C4	Mill Creek	MC	G4	0	K4	4,494	18,000	
D4	Mill Creek	SWP	H4	0	L4	0	714	
	SBVMWD	SWP		0		0		
	WMWD	SWP						
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge ¹⁸	0
	Mill Creek Passing Garnet	MC	2	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹	2
	Flow in the River Above Alabama	Total	2	Flowing Beyond Alabama	0		Total River Recharge	2

Santa Ana River-Mill Creek Cooperative Water Project								
				Daily Flow Report		Date: July 20, 2012		
						Time: 0715		
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	0.0
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	0.0
(+D)	Purchased Water	10.0	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	6.0	(+T)	¹ Newport for BVMWC	1.3
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	2.7	(+U)	¹ M/C spreading @ ZT	0.0
(Σ)G	Total SWP Inflows	10.0	(+N)	¹ BVMWC Boulliou Box	0.0			0.0
				Observation at SOD	2148.68	(Σ)V	Total SWP Deliveries	10.0
Santa Ana River								
				SOD Reservoir Elevation	NA	Debris Pool Elevation		2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
(+A1)	PH #3 Penstock (CALC)	1.0	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0
(+B1)	BVMWC Highline	6.0	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	0.0
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	6.0
(+F1)	Greenspot Spill	4.0	(+P1)	SBVWCD Mill Creek Spreading	0.0	(Σ)D2	Boulliou Box Weir	6.0
A4	SAR Inflow-SubTotal-1	11.0	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boulliou Box to Zanja	0.0
(+D1)	BVMWC Rvr PU-USGS, Flume	11.4	(+R1)	BVMWC Highline to Boulliou	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0
(+E1)	Main River Gage (USGS)	1.4	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1	BVMWC Highline	6.0
Z1	SOD ReleaseSubTotal D1+E1	12.8	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	7.2
(Σ)G1	SubTotal 1+2 SAR Inflows	23.8	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	1.1
(-D1)a	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	0.0	(+J2)	Tailrace Valve	0.0
(Σ)A5	Total SAR Inflows	23.8	W1	Redlands Aqueduct / Sandbox	5.1	(+K2)	Northfork Parshall Flume	3.6
H1	SBVWCD Diversion	1.4	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	11.9
I1	Redlands Tunnel	0.6	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	5.0
J1	^a Big Bear Lake Release	1.8	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹ Total SAR Deliveries	23.8
L1	SCE SAR AVM (SCADA)	9.8						
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
Mill Creek								
			(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	14.8
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.0
(+A3)	RPU Flow	7.2	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boulliou to BVMWC Highline	0.0
(+B3)	M/C #3 Penstock	11.3	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	3.7
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	18.5
(Σ)D3	Total MC Inflows	18.5	(+C3)	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	18.5
E3	M/C #1 Penstock Flow	18.5	(Σ)O3	SBVWCD Spreading	0.0	V3	Zanja West Weir to CWC Canal	5.6
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
G3	Observation at Garnet Bridge	2.0						
H3			I3	Mentone Reser. Level (23.0)	20.7	Y3	Crafton Reser. Level (21.3)	14.4
SBVWCD Recharge								
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target	
A4	Santa Ana River	SAR	E4	12	I4	8,002	10400/30000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0		
B4	Santa Ana River	SWP	F4	0	J4	0		
C4	Mill Creek	MC	G4	0	K4	4,494	18,000	
D4	Mill Creek	SWP	H4	0	L4	0	714	
	SBVMWD	SWP		0		0		
	WMWD	SWP						
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge ¹⁸	0
	Mill Creek Passing Garnet	MC	2	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹	2
	Flow in the River Above Alabama	Total	2	Flowing Beyond Alabama	0		Total River Recharge	2

Santa Ana River-Mill Creek Cooperative Water Project									
				Daily Flow Report		Date: July 19, 2012			
						Time: 0700			
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	0.0	
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0	
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	0.0	
(+D)	Purchased Water	10.1	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0	
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	6.0	(+T)	¹ Newport for BVMWC	1.1	
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	3.0	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	10.1	(+N)	¹ BVMWC Boullioun Box	0.0			0.0	
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries	10.1	
Santa Ana River				SOD Reservoir Elevation	NA		Debris Pool Elevation	2200.00	
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	
(+A1)	PH #3 Penstock (CALC)	1.0	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.0	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	0.9	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	5.1	
(+F1)	Greenspot Spill	3.2	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boullioun Box Weir	6.0	
A4	SAR Inflow-SubTotal-1	10.2	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullioun Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	13.3	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	0.6	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.0	
Z1	SOD ReleaseSubTotal D1+E1	13.9	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	4.3	
(Σ)G1	SubTotal 1+2 SAR Inflows	24.1	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	0.9	
(-D1)a	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	0.0	(+J2)	Tailrace Valve	0.0	
(Σ)A5	Total SAR Inflows	24.1	W1	Redlands Aqueduct / Sandbox	5.5	(+K2)	Northfork Parshall Flume	7.4	
H1	SBVWCD Diversion	0.6	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	12.6	
I1	Redlands Tunnel	0.6	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	8.0	
J1	^a Big Bear Lake Release	1.8	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0	
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹ Total SAR Deliveries	24.1	
L1	SCE SAR AVM (SCADA)	11.0							
				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	14.8
	Inflows	Flow Rate (cfs)		(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.0
(+A3)	RPU Flow	6.9	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	10.8	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	2.9	
(+C3)	SBVWCD Mill Creek Diversion	1.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	17.7	
(Σ)D3	Total MC Inflows	18.7	(+C3)	Mill Creek Diversion (MC)	1.0	U3	Total MC Deliveries	18.7	
E3	M/C #1 Penstock Flow	17.7	(Σ)O3	SBVWCD Spreading	1.0	V3	Zanja West Weir to CWC Canal	4.4	
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0	
G3	Observation at Garnet Bridge	3.0							
H3			I3	Mentone Reser. Level (23.0)	21.5	Y3	Crafton Reser. Level (21.3)	17.0	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target		
A4	Santa Ana River	SAR	E4	16	I4	7,990	10400/30000		
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0			
B4	Santa Ana River	SWP	F4	0	J4	0			
C4	Mill Creek	MC	G4	2	K4	4,494	18,000		
D4	Mill Creek	SWP	H4	0	L4	0	714		
	SBVMWD	SWP		0		0			
	WMWD	SWP							
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge¹⁸	0	
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge¹⁹	3	
	Flow in the River Above Alabama	Total	3	Flowing Beyond Alabama	0		Total River Recharge	3	

Santa Ana River-Mill Creek Cooperative Water Project									
Daily Flow Report						Date: July 18, 2012			
						Time: 0700			
State Water Project									
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)		
(+A)	BBMWD In-lieu	9.5	(+H)	¹ EVWD Treatment Plant	0.0	(+P)	¹ SARC West	0.0	
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0	
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	9.5	
(+D)	Purchased Water	9.6	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.7	
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	6.0	(+T)	¹ Newport for BVMWC	0.0	
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	2.9	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	19.1	(+N)	¹ BVMWC Boullioun Box	0.0			0.0	
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries	19.1	
Santa Ana River				SOD Reservoir Elevation	NA		Debris Pool Elevation	2200.00	
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	
(+A1)	PH #3 Penstock (CALC)	1.0	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.0	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	1.4	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	4.6	
(+F1)	Greenspot Spill	3.2	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boullioun Box Weir	6.0	
A4	SAR Inflow-SubTotal-1	10.2	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullioun Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	12.0	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	0.6	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.0	
Z1	SOD ReleaseSubTotal D1+E1	12.6	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	7.2	
(Σ)G1	SubTotal 1+2 SAR Inflows	22.8	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	0.0	
(-D1)a	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	0.0	(+J2)	Tailrace Valve	0.0	
(Σ)A5	Total SAR Inflows	22.8	W1	Redlands Aqueduct / Sandbox	6.2	(+K2)	Northfork Parshall Flume	3.4	
H1	SBVWCD Diversion	0.6	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	10.6	
I1	Redlands Tunnel	0.6	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	4.0	
J1	^a Big Bear Lake Release	1.8	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0	
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹⁾ Total SAR Deliveries	22.8	
L1	SCE SAR AVM (SCADA)	12.0							
				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	5.0
	Inflows	Flow Rate (cfs)		(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	2.0
(+A3)	RPU Flow	7.2	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	12.2	(+L3)	East Weir (MC)	2.0	(+S3)	East Weir to Zanja	12.4	
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	19.4	
(Σ)D3	Total MC Inflows	19.4	(+C3)	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	19.4	
E3	M/C #1 Penstock Flow	19.4	(Σ)O3	SBVWCD Spreading	2.0	V3	Zanja West Weir to CWC Canal	14.1	
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0	
G3	Observation at Garnet Bridge	3.0							
H3			I3	Mentone Reser. Level (23.0)	20.1	Y3	Crafton Reser. Level (21.3)	17.5	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)			WY To Date (AF)	Target	
A4	Santa Ana River	SAR	E4	8	I4	7,974	10400/30000		
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0			
B4	Santa Ana River	SWP	F4	0	J4	0			
C4	Mill Creek	MC	G4	7	K4	4,492	18,000		
D4	Mill Creek	SWP	H4	0	L4	0	714		
	SBVMWD	SWP		0		0			
	WMWD	SWP							
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge¹⁸	0	
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge¹⁹	3	
	Flow in the River Above Alabama	Total	3	Flowing Beyond Alabama	0		Total River Recharge	3	

Santa Ana River-Mill Creek Cooperative Water Project									
						Date: July 17, 2012			
						Time: 0700			
State Water Project									
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)		
(+A)	BBMWD In-lieu	9.9	(+H)	¹ EVWD Treatment Plant	0.0	(+P)	¹ SARC West	0.0	
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0	
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	9.5	
(+D)	Purchased Water	13.2	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.7	
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	9.9	(+T)	¹ Newport for BVMWC	0.0	
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	3.0	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	23.1	(+N)	¹ BVMWC Boullioun Box	0.0			0.0	
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries	23.1	
Santa Ana River				SOD Reservoir Elevation	NA		Debris Pool Elevation	2200.00	
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	
(+A1)	PH #3 Penstock (CALC)	1.0	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.0	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	2.2	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	3.8	
(+F1)	Greenspot Spill	3.2	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boullioun Box Weir	6.0	
A4	SAR Inflow-SubTotal-1	10.2	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullioun Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	11.5	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	0.6	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.0	
Z1	SOD ReleaseSubTotal D1+E1	12.1	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	7.2	
(Σ)G1	SubTotal 1+2 SAR Inflows	22.3	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	0.0	
(-D1)a	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	4.0	(+J2)	Tailrace Valve	0.0	
(Σ)A5	Total SAR Inflows	22.3	W1	Redlands Aqueduct / Sandbox	1.7	(+K2)	Northfork Parshall Flume	3.4	
H1	SBVWCD Diversion	0.6	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	10.6	
I1	Redlands Tunnel	0.6	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	4.0	
J1	^a Big Bear Lake Release	1.8	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0	
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹ Total SAR Deliveries	22.3	
L1	SCE SAR AVM (SCADA)	10.2							
				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	0.0
	Inflows	Flow Rate (cfs)		(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	2.0
(+A3)	RPU Flow	0.0	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	10.6	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	8.6	
(+C3)	SBVWCD Mill Creek Diversion	7.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	10.6	
(Σ)D3	Total MC Inflows	17.6	(+C3)	Mill Creek Diversion (MC)	7.0	U3	Total MC Deliveries	17.6	
E3	M/C #1 Penstock Flow	10.6	(Σ)O3	SBVWCD Spreading	7.0	V3	Zanja West Weir to CWC Canal	8.6	
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0	
G3	Observation at Garnet Bridge	3.0							
H3			I3	Mentone Reser. Level (23.0)	20.9	Y3	Crafton Reser. Level (21.3)	14.9	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)			WY To Date (AF)	Target	
A4	Santa Ana River	SAR	E4	8	I4	7,966	10400/30000		
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0			
B4	Santa Ana River	SWP	F4	0	J4	0			
C4	Mill Creek	MC	G4	19	K4	4,485	18,000		
D4	Mill Creek	SWP	H4	0	L4	0	714		
	SBVMWD	SWP		0		0			
	WMWD	SWP							
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge¹⁸	0	
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge¹⁹	3	
	Flow in the River Above Alabama	Total	3	Flowing Beyond Alabama	0		Total River Recharge	3	

Santa Ana River-Mill Creek Cooperative Water Project								
				Daily Flow Report		Date: July 16, 2012		
						Time: 0700		
State Water Project								
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)	
(+A)	BBMWD In-lieu	10.0	(+H)	¹ EVWD Treatment Plant	0.0	(+P)	¹ SARC West	0.0
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	9.4
(+D)	Purchased Water	13.1	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.7
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	10.0	(+T)	¹ Newport for BVMWC	0.0
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	3.0	(+U)	¹ M/C spreading @ ZT	0.0
(Σ)G	Total SWP Inflows	23.1	(+N)	¹ BVMWC Boullioun Box	0.0			0.0
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries	23.1
Santa Ana River								
				SOD Reservoir Elevation	NA	Debris Pool Elevation		2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
(+A1)	PH #3 Penstock (CALC)	1.1	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0
(+B1)	BVMWC Highline	6.0	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	0.0
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	6.0
(+F1)	Greenspot Spill	0.0	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boullioun Box Weir	6.0
A4	SAR Inflow-SubTotal-1	7.1	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullioun Box to Zanja	0.0
(+D1)	BVMWC Rvr PU-USGS, Flume	11.0	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0
(+E1)	Main River Gage (USGS)	0.5	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.0
Z1	SOD ReleaseSubTotal D1+E1	11.5	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	7.5
(Σ)G1	SubTotal 1+2 SAR Inflows	18.6	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	0.0
(-D1)a	If BV p/u gated, divert to SAR="Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	0.0	(+J2)	Tailrace Valve	0.0
(Σ)A5	Total SAR Inflows	18.6	W1	Redlands Aqueduct / Sandbox	1.7	(+K2)	Northfork Parshall Flume	3.5
H1	SBVWCD Diversion	0.5	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	11.0
I1	Redlands Tunnel	0.6	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	4.0
J1	^a Big Bear Lake Release	1.8	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹ Total SAR Deliveries	18.6
L1	SCE SAR AVM (SCADA)	0.0						
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
Mill Creek								
			(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	0.0
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.0
(+A3)	RPU Flow	0.0	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0
(+B3)	M/C #3 Penstock	0.0	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	0.0
(+C3)	SBVWCD Mill Creek Diversion	14.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	0.0
(Σ)D3	Total MC Inflows	14.0	(+C3)	Mill Creek Diversion (MC)	14.0	U3	Total MC Deliveries	14.0
E3	M/C #1 Penstock Flow	0.0	(Σ)O3	SBVWCD Spreading	14.0	V3	Zanja West Weir to CWC Canal	1.6
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
G3	Observation at Garnet Bridge	3.0						
H3			I3	Mentone Reser. Level (23.0)	21.5	Y3	Crafton Reser. Level (21.3)	13.9
SBVWCD Recharge								
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target	
A4	Santa Ana River	SAR	E4	24	I4	7,958	10400/30000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0		
B4	Santa Ana River	SWP	F4	0	J4	0		
C4	Mill Creek	MC	G4	42	K4	4,467	18,000	
D4	Mill Creek	SWP	H4	0	L4	0	714	
	SBVMWD	SWP		0		0		
	WMWD	SWP						
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge ¹⁸	0
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹	3
	Flow in the River Above Alabama	Total	3	Flowing Beyond Alabama	0		Total River Recharge	3

Santa Ana River-Mill Creek Cooperative Water Project								
				Daily Flow Report		Date: July 13, 2012		
						Time: 0630		
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	0.0
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	8.0
(+D)	Purchased Water	19.7	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.7
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	6.0	(+T)	¹ Newport for BVMWC	0.0
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	5.0	(+U)	¹ M/C spreading @ ZT	0.0
(Σ)G	Total SWP Inflows	19.7	(+N)	¹ BVMWC Boullioun Box	0.0			0.0
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries	19.7
Santa Ana River								
				SOD Reservoir Elevation	NA	Debris Pool Elevation		2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
(+A1)	PH #3 Penstock (CALC)	2.0	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0
(+B1)	BVMWC Highline	6.0	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	1.9
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	4.1
(+F1)	Greenspot Spill	4.7	(+P1)	SBVWCD Mill Creek Spreading	0.0	(Σ)D2	Boullioun Box Weir	6.0
A4	SAR Inflow-SubTotal-1	12.7	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullioun Box to Zanja	0.0
(+D1)	BVMWC Rvr PU-USGS, Flume	9.9	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0
(+E1)	Main River Gage (USGS)	1.0	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.0
Z1	SOD ReleaseSubTotal D1+E1	10.9	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	7.1
(Σ)G1	SubTotal 1+2 SAR Inflows	23.6	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	1.0
(-D1)a	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	4.0	(+J2)	Tailrace Valve	0.0
(Σ)A5	Total SAR Inflows	23.6	W1	Redlands Aqueduct / Sandbox	0.9	(+K2)	Northfork Parshall Flume	4.0
H1	SBVWCD Diversion	1.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	12.1
I1	Redlands Tunnel	0.4	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	5.0
J1	^a Big Bear Lake Release	1.8	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹⁾ Total SAR Deliveries	23.6
L1	SCE SAR AVM (SCADA)	12.0						
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
Mill Creek								
			(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	0.0
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.0
(+A3)	RPU Flow	0.0	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0
(+B3)	M/C #3 Penstock	0.0	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	0.0
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	0.0
(Σ)D3	Total MC Inflows	0.0	(+C3)	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	0.0
E3	M/C #1 Penstock Flow	0.0	(Σ)O3	SBVWCD Spreading	0.0	V3	Zanja West Weir to CWC Canal	13.1
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
G3	Observation at Garnet Bridge	3.0						
H3			I3	Mentone Reser. Level (23.0)	19.8	Y3	Crafton Reser. Level (21.3)	19.7
SBVWCD Recharge								
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target	
A4	Santa Ana River	SAR	E4	10	I4	7,934	10400/30000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0		
B4	Santa Ana River	SWP	F4	0	J4	0		
C4	Mill Creek	MC	G4	0	K4	4,425	18,000	
D4	Mill Creek	SWP	H4	0	L4	0	714	
	SBVMWD	SWP		0		0		
	WMWD	SWP						
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge ¹⁸	0
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹	3
	Flow in the River Above Alabama	Total	3	Flowing Beyond Alabama	0		Total River Recharge	3

Santa Ana River-Mill Creek Cooperative Water Project								
				Daily Flow Report		Date: July 12, 2012		
						Time: 0700		
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	0.0
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	6.3
(+D)	Purchased Water	12.0	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.7
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	0.0	(+T)	¹ Newport for BVMWC	0.0
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	5.0	(+U)	¹ M/C spreading @ ZT	0.0
(Σ)G	Total SWP Inflows	12.0	(+N)	¹ BVMWC Boullioun Box	0.0			0.0
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries	12.0
Santa Ana River								
				SOD Reservoir Elevation	NA	Debris Pool Elevation		2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
(+A1)	PH #3 Penstock (CALC)	1.0	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0
(+B1)	BVMWC Highline	6.0	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	1.4
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	4.6
(+F1)	Greenspot Spill	1.7	(+P1)	SBVWCD Mill Creek Spreading	0.0	(Σ)D2	Boullioun Box Weir	6.0
A4	SAR Inflow-SubTotal-1	8.7	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullioun Box to Zanja	0.0
(+D1)	BVMWC Rvr PU-USGS, Flume	9.9	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0
(+E1)	Main River Gage (USGS)	0.7	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.0
Z1	SOD ReleaseSubTotal D1+E1	10.6	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	7.1
(Σ)G1	SubTotal 1+2 SAR Inflows	19.3	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	0.8
(-D1)a	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	0.0	(+J2)	Tailrace Valve	0.0
(Σ)A5	Total SAR Inflows	19.3	W1	Redlands Aqueduct / Sandbox	1.8	(+K2)	Northfork Parshall Flume	3.3
H1	SBVWCD Diversion	0.7	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	11.2
I1	Redlands Tunnel	0.4	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	4.0
J1	^a Big Bear Lake Release	1.8	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹⁾ Total SAR Deliveries	19.3
L1	SCE SAR AVM (SCADA)	8.7						
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
Mill Creek								
			(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	7.3
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.0
(+A3)	RPU Flow	7.2	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0
(+B3)	M/C #3 Penstock	9.2	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	9.1
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	16.4
(Σ)D3	Total MC Inflows	16.4	(+C3)	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	16.4
E3	M/C #1 Penstock Flow	16.4	(Σ)O3	SBVWCD Spreading	0.0	V3	Zanja West Weir to CWC Canal	9.8
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
G3	Observation at Garnet Bridge	3.0						
H3			I3	Mentone Reser. Level (23.0)	18.0	Y3	Crafton Reser. Level (21.3)	14.7
SBVWCD Recharge								
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target	
A4	Santa Ana River	SAR	E4	8	I4	7,924	10400/30000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0		
B4	Santa Ana River	SWP	F4	0	J4	0		
C4	Mill Creek	MC	G4	0	K4	4,425	18,000	
D4	Mill Creek	SWP	H4	0	L4	0	714	
	SBVMWD	SWP		0		0		
	WMWD	SWP						
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge ¹⁸	0
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹	3
	Flow in the River Above Alabama	Total	3	Flowing Beyond Alabama	0		Total River Recharge	3

Santa Ana River-Mill Creek Cooperative Water Project									
				Daily Flow Report		Date: July 11, 2012			
						Time: 0700			
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	0.0	
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0	
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	0.0	
(+D)	Purchased Water	5.8	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0	
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	0.0	(+T)	¹ Newport for BVMWC	0.7	
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	5.1	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	5.8	(+N)	¹ BVMWC Boullioun Box	0.0			0.0	
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries	5.8	
Santa Ana River				SOD Reservoir Elevation	NA		Debris Pool Elevation	2200.00	
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
(+A1)	PH #3 Penstock (CALC)	1.0	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.0	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	0.8	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	5.2	
(+F1)	Greenspot Spill	1.7	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boullioun Box Weir	6.0	
A4	SAR Inflow-SubTotal-1	8.7	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullioun Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	10.9	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	0.7	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.0	
Z1	SOD ReleaseSubTotal D1+E1	11.6	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	7.1	
(Σ)G1	SubTotal 1+2 SAR Inflows	20.3	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	0.9	
(-D1)a	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	0.0	(+J2)	Tailrace Valve	0.0	
(Σ)A5	Total SAR Inflows	20.3	W1	Redlands Aqueduct / Sandbox	1.7	(+K2)	Northfork Parshall Flume	4.3	
H1	SBVWCD Diversion	0.7	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	12.3	
I1	Redlands Tunnel	0.4	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	5.0	
J1	^a Big Bear Lake Release	1.8	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0	
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹ Total SAR Deliveries	20.3	
L1	SCE SAR AVM (SCADA)	8.7							
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	17.0
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.0	
(+A3)	RPU Flow	6.8	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	10.2	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	0.0	
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	17.0	
(Σ)D3	Total MC Inflows	17.0	(+C3)	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	17.0	
E3	M/C #1 Penstock Flow	17.0	(Σ)O3	SBVWCD Spreading	0.0	V3	Zanja West Weir to CWC Canal	4.9	
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0	
G3	Observation at Garnet Bridge	3.0							
H3			I3	Mentone Reser. Level (23.0)	19.4	Y3	Crafton Reser. Level (21.3)	11.5	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target		
A4	Santa Ana River	SAR	E4	10	I4	7,916	10400/30000		
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0			
B4	Santa Ana River	SWP	F4	0	J4	0			
C4	Mill Creek	MC	G4	0	K4	4,425	18,000		
D4	Mill Creek	SWP	H4	0	L4	0	714		
	SBVMWD	SWP		0		0			
	WMWD	SWP							
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge¹⁸	0	
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge¹⁹	3	
	Flow in the River Above Alabama	Total	3	Flowing Beyond Alabama	0		Total River Recharge	3	

Santa Ana River-Mill Creek Cooperative Water Project									
						Date: July 10, 2012			
						Time: 0700			
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	0.0	
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0	
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	0.0	
(+D)	Purchased Water	15.6	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0	
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	9.9	(+T)	¹ Newport for BVMWC	0.7	
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	5.0	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	15.6	(+N)	¹ BVMWC Boullioun Box	0.0				
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries	15.6	
Santa Ana River				SOD Reservoir Elevation	NA		Debris Pool Elevation	2200.00	
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
(+A1)	PH #3 Penstock (CALC)	1.0	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.0	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	1.4	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	4.6	
(+F1)	Greenspot Spill	2.7	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boullioun Box Weir	6.0	
A4	SAR Inflow-SubTotal-1	9.7	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullioun Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	9.7	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	1.0	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.0	
Z1	SOD ReleaseSubTotal D1+E1	10.7	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	7.2	
(Σ)G1	SubTotal 1+2 SAR Inflows	20.4	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	0.8	
(-D1)a	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	0.0	(+J2)	Tailrace Valve	0.0	
(Σ)A5	Total SAR Inflows	20.4	W1	Redlands Aqueduct / Sandbox	1.8	(+K2)	Northfork Parshall Flume	4.0	
H1	SBVWCD Diversion	1.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	12.0	
I1	Redlands Tunnel	0.4	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	5.0	
J1	^a Big Bear Lake Release	1.8	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0	
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹ Total SAR Deliveries	20.4	
L1	SCE SAR AVM (SCADA)	9.7							
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	13.9
	Inflows	Flow Rate (cfs)		(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.0
(+A3)	RPU Flow	5.8	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	8.1	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	0.0	
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	13.9	
(Σ)D3	Total MC Inflows	13.9	(+C3)	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	13.9	
E3	M/C #1 Penstock Flow	13.9	(Σ)O3	SBVWCD Spreading	0.0	V3	Zanja West Weir to CWC Canal	3.5	
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0	
G3	Observation at Garnet Bridge	3.0							
H3			I3	Mentone Reser. Level (23.0)	20.7	Y3	Crafton Reser. Level (21.3)	13.5	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target		
A4	Santa Ana River	SAR	E4	10	I4	7,906	10400/30000		
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0			
B4	Santa Ana River	SWP	F4	0	J4	0			
C4	Mill Creek	MC	G4	0	K4	4,425	18,000		
D4	Mill Creek	SWP	H4	0	L4	0	714		
	SBVMWD	SWP		0		0			
	WMWD	SWP							
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge¹⁸	0	
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge¹⁹	3	
	Flow in the River Above Alabama	Total	3	Flowing Beyond Alabama	0		Total River Recharge	3	

Santa Ana River-Mill Creek Cooperative Water Project									
						Date: July 9, 2012			
						Time: 0700			
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	0.0	
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0	
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	0.0	
(+D)	Purchased Water	15.9	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0	
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	10.2	(+T)	¹ Newport for BVMWC	0.7	
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	5.0	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	15.9	(+N)	¹ BVMWC Boullioun Box	0.0			0.0	
				Observation at SOD	2141.50	(Σ)V	Total SWP Deliveries	15.9	
Santa Ana River				SOD Reservoir Elevation	NA		Debris Pool Elevation	2200.00	
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	
(+A1)	PH #3 Penstock (CALC)	1.0	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.0	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	3.8	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	2.2	
(+F1)	Greenspot Spill	3.5	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boullioun Box Weir	6.0	
A4	SAR Inflow-SubTotal-1	10.5	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullioun Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	10.0	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	0.6	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.0	
Z1	SOD ReleaseSubTotal D1+E1	10.6	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	6.8	
(Σ)G1	SubTotal 1+2 SAR Inflows	21.1	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	0.0	
(-D1)a	If BV p/u gated, divert to SAR="Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	0.0	(+J2)	Tailrace Valve	0.0	
(Σ)A5	Total SAR Inflows	21.1	W1	Redlands Aqueduct / Sandbox	1.7	(+K2)	Northfork Parshall Flume	6.4	
H1	SBVWCD Diversion	0.6	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	13.2	
I1	Redlands Tunnel	0.4	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	7.0	
J1	^a Big Bear Lake Release	1.8	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0	
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹⁾ Total SAR Deliveries	21.1	
L1	SCE SAR AVM (SCADA)	10.2							
				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	15.4
	Inflows	Flow Rate (cfs)		(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.0
(+A3)	RPU Flow	6.5	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	8.9	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	0.0	
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	15.4	
(Σ)D3	Total MC Inflows	15.4	(+C3)	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	15.4	
E3	M/C #1 Penstock Flow	15.4	(Σ)O3	SBVWCD Spreading	0.0	V3	Zanja West Weir to CWC Canal	3.0	
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0	
G3	Observation at Garnet Bridge	3.0							
H3			I3	Mentone Reser. Level (23.0)	21.5	Y3	Crafton Reser. Level (21.3)	13.8	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)			WY To Date (AF)	Target	
A4	Santa Ana River	SAR	E4	42	I4	7,896	10400/30000		
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0			
B4	Santa Ana River	SWP	F4	0	J4	0			
C4	Mill Creek	MC	G4	0	K4	4,425	18,000		
D4	Mill Creek	SWP	H4	0	L4	0	714		
	SBVMWD	SWP		0		0			
	WMWD	SWP							
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge¹⁸	0	
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge¹⁹	3	
	Flow in the River Above Alabama	Total	3	Flowing Beyond Alabama	0		Total River Recharge	3	

Santa Ana River-Mill Creek Cooperative Water Project									
						Date: July 6, 2012			
						Time: 0700			
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	0.0	
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0	
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	0.0	
(+D)	Purchased Water	15.8	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0	
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	10.0	(+T)	¹ Newport for BVMWC	0.7	
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	5.1	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	15.8	(+N)	¹ BVMWC Boullioun Box	0.0				
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries	15.8	
Santa Ana River				SOD Reservoir Elevation	NA		Debris Pool Elevation	2200.00	
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
(+A1)	PH #3 Penstock (CALC)	0.9	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.0	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	1.8	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	4.2	
(+F1)	Greenspot Spill	4.0	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boullioun Box Weir	6.0	
A4	SAR Inflow-SubTotal-1	10.9	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullioun Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	8.0	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	1.2	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.0	
Z1	SOD ReleaseSubTotal D1+E1	9.2	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	6.3	
(Σ)G1	SubTotal 1+2 SAR Inflows	20.1	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	0.9	
(-D1)a	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	0.0	(+J2)	Tailrace Valve	0.0	
(Σ)A5	Total SAR Inflows	20.1	W1	Redlands Aqueduct / Sandbox	1.8	(+K2)	Northfork Parshall Flume	4.8	
H1	SBVWCD Diversion	1.2	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	12.0	
I1	Redlands Tunnel	0.9	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	6.0	
J1	^a Big Bear Lake Release	1.8	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0	
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹ Total SAR Deliveries	20.1	
L1	SCE SAR AVM (SCADA)	11.0							
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	15.0
	Inflows	Flow Rate (cfs)		(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.0
(+A3)	RPU Flow	7.2	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	9.8	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	2.0	
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	17.0	
(Σ)D3	Total MC Inflows	17.0	(+C3)	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	17.0	
E3	M/C #1 Penstock Flow	17.0	(Σ)O3	SBVWCD Spreading	0.0	V3	Zanja West Weir to CWC Canal	4.4	
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0	
G3	Observation at Garnet Bridge	3.0							
H3			I3	Mentone Reser. Level (23.0)	21.5	Y3	Crafton Reser. Level (21.3)	14.0	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target		
A4	Santa Ana River	SAR	E4	12	I4	7,855	10400/30000		
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0			
B4	Santa Ana River	SWP	F4	0	J4	0			
C4	Mill Creek	MC	G4	0	K4	4,425	18,000		
D4	Mill Creek	SWP	H4	0	L4	0	714		
	SBVMWD	SWP		0		0			
	WMWD	SWP							
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge¹⁸	0	
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge¹⁹	3	
	Flow in the River Above Alabama	Total	3	Flowing Beyond Alabama	0		Total River Recharge	3	

Santa Ana River-Mill Creek Cooperative Water Project									
						Date: July 5, 2012			
						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	0.0	
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0	
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	0.0	
(+D)	Purchased Water	15.0	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0	
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	10.0	(+T)	¹ Newport for BVMWC	0.0	
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	5.0	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	15.0	(+N)	¹ BVMWC Boullioun Box	0.0				
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries	15.0	
Santa Ana River				SOD Reservoir Elevation	NA		Debris Pool Elevation	2200.00	
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	
(+A1)	PH #3 Penstock (CALC)	1.0	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.0	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	2.3	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	3.7	
(+F1)	Greenspot Spill	5.2	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boullioun Box Weir	6.0	
A4	SAR Inflow-SubTotal-1	12.2	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullioun Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	7.4	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	1.2	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.0	
Z1	SOD ReleaseSubTotal D1+E1	8.6	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	6.9	
(Σ)G1	SubTotal 1+2 SAR Inflows	20.8	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	1.0	
(-D1)a	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	0.0	(+J2)	Tailrace Valve	0.0	
(Σ)A5	Total SAR Inflows	20.8	W1	Redlands Aqueduct / Sandbox	1.8	(+K2)	Northfork Parshall Flume	4.8	
H1	SBVWCD Diversion	1.2	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	12.7	
I1	Redlands Tunnel	0.9	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	6.0	
J1	^a Big Bear Lake Release	1.8	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0	
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹⁾ Total SAR Deliveries	20.8	
L1	SCE SAR AVM (SCADA)	12.2							
				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	15.5
	Inflows	Flow Rate (cfs)		(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.0
(+A3)	RPU Flow	7.5	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	10.3	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	2.3	
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	17.8	
(Σ)D3	Total MC Inflows	17.8	(+C3)	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	17.8	
E3	M/C #1 Penstock Flow	17.8	(Σ)O3	SBVWCD Spreading	0.0	V3	Zanja West Weir to CWC Canal	4.6	
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0	
G3	Observation at Garnet Bridge	3.0							
H3			I3	Mentone Reser. Level (23.0)	20.9	Y3	Crafton Reser. Level (21.3)	15.4	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)			WY To Date (AF)	Target	
A4	Santa Ana River	SAR	E4	27	I4	7,843	10400/30000		
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0			
B4	Santa Ana River	SWP	F4	0	J4	0			
C4	Mill Creek	MC	G4	0	K4	4,425	18,000		
D4	Mill Creek	SWP	H4	0	L4	0	714		
	SBVMWD	SWP		0		0			
	WMWD	SWP							
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge¹⁸	0	
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge¹⁹	3	
	Flow in the River Above Alabama	Total	3	Flowing Beyond Alabama	0		Total River Recharge	3	

Santa Ana River-Mill Creek Cooperative Water Project									
				Daily Flow Report		Date: July 3, 2012			
						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	0.0	
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0	
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	0.0	
(+D)	Purchased Water	11.0	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0	
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	6.0	(+T)	¹ Newport for BVMWC	0.0	
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	5.0	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	11.0	(+N)	¹ BVMWC Boullioun Box	0.0				
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries	11.0	
Santa Ana River				SOD Reservoir Elevation	NA		Debris Pool Elevation	2200.00	
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
(+A1)	PH #3 Penstock (CALC)	0.4	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.0	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	1.8	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	4.2	
(+F1)	Greenspot Spill	7.0	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boullioun Box Weir	6.0	
A4	SAR Inflow-SubTotal-1	13.4	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullioun Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	7.0	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	1.4	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.0	
Z1	SOD ReleaseSubTotal D1+E1	8.4	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	6.2	
(Σ)G1	SubTotal 1+2 SAR Inflows	21.8	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	1.0	
(-D1)a	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	0.0	(+J2)	Tailrace Valve	0.0	
(Σ)A5	Total SAR Inflows	21.8	W1	Redlands Aqueduct / Sandbox	2.0	(+K2)	Northfork Parshall Flume	6.1	
H1	SBVWCD Diversion	1.4	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	13.3	
I1	Redlands Tunnel	0.9	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	7.5	
J1	^a Big Bear Lake Release	1.8	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0	
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹⁾ Total SAR Deliveries	21.8	
L1	SCE SAR AVM (SCADA)	13.7							
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	15.1
	Inflows	Flow Rate (cfs)		(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.0
(+A3)	RPU Flow	7.6	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	10.5	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	3.0	
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	18.1	
(Σ)D3	Total MC Inflows	18.1	(+C3)	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	18.1	
E3	M/C #1 Penstock Flow	18.1	(Σ)O3	SBVWCD Spreading	0.0	V3	Zanja West Weir to CWC Canal	5.9	
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0	
G3	Observation at Garnet Bridge	3.0							
H3			I3	Mentone Reser. Level (23.0)	19.5	Y3	Crafton Reser. Level (21.3)	14.8	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target		
A4	Santa Ana River	SAR	E4	15	I4	7,816	10400/30000		
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0			
B4	Santa Ana River	SWP	F4	0	J4	0			
C4	Mill Creek	MC	G4	0	K4	4,425	18,000		
D4	Mill Creek	SWP	H4	0	L4	0	714		
	SBVMWD	SWP		0		0			
	WMWD	SWP							
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge¹⁸	0	
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge¹⁹	3	
	Flow in the River Above Alabama	Total	3	Flowing Beyond Alabama	0		Total River Recharge	3	

Santa Ana River-Mill Creek Cooperative Water Project									
Daily Flow Report						Date: July 2, 2012			
						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	0.0	
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja	0.0	
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	0.0	(+R)	¹ Tate Treatment Plant	0.0	
(+D)	Purchased Water	11.1	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0	
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	6.1	(+T)	¹ Newport for BVMWC	0.0	
(+F)	Recharge Project	0.0	(+M)	¹ Crafton Unger Lane	5.0	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	11.1	(+N)	¹ BVMWC Boullioun Box	0.0				
				Observation at SOD	2140.15	(Σ)V	Total SWP Deliveries	11.1	
Santa Ana River				SOD Reservoir Elevation	NA		Debris Pool Elevation	2200.00	
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
(+A)1	PH #3 Penstock (CALC)	1.0	(+M)1	SBCFCD Grove	0.0	(+A)2	Newport	0.0	
(+B)1	BVMWC Highline	6.0	1.0	BVMWC Highline	0.0	(+B)2	Gay Overflow	2.8	
(+C)1	Greenspot Pipeline	0.0	(+O)1	Newport for BVMWC	0.0	(+C)2	Irrigation	3.2	
(+F)1	Greenspot Spill	7.0	(+P)1	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boullioun Box Weir	6.0	
A4	SAR Inflow-SubTotal-1	14.0	(+Q)1	Crafton WC Unger Lane	0.0	(+E)2	Boullioun Box to Zanja	0.0	
(+D)1	BVMWC Rvr PU-USGS, Flume	6.0	(+R)1	BVMWC Highline to Boullioun	0.0	(+F)2	SBVWCD Mill Creek Spread	0.0	
(+E)1	Main River Gage (USGS)	1.4	(+S)1	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.0	
Z1	SOD ReleaseSubTotal D1+E1	7.4	(+T)1	Tate Pump Station to Zanja	0.0	(+G)2	Northfork Canal Weir	6.2	
(Σ)G1	SubTotal 1+2 SAR Inflows	21.4	(Σ)C1	Greenspot Pipeline	0.0	(+H)2	Edwards Canal	0.9	
(-D)1a	If BV p/u gated, divert to SAR= "Y"		(+V)1	PH#3 Afterbay SpillLoss to SAR	0.0	(+J)2	Tailrace Valve	0.0	
(Σ)A5	Total SAR Inflows	21.4	W1	Redlands Aqueduct / Sandbox	3.2	(+K)2	Northfork Parshall Flume	4.6	
H1	SBVWCD Diversion	1.4	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	11.7	
I1	Redlands Tunnel	0.9	Y1	Redlands Sandbox Spill	0.0	(+L)2	SBVWCD Parshall FlumeTo Basins	6.0	
J1	^a Big Bear Lake Release	1.8	(+Z)2	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0	
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹ Total SAR Deliveries	21.4	
L1	SCE SAR AVM (SCADA)	14.3							
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
Mill Creek				(+J)3	Yucaipa Regional Park	0.0	(+P)3	Tate Inflow	15.5
	Inflows	Flow Rate (cfs)	(+J)3	Wilson Creek Spreading	0.0	(+Q)3	East Weir to Mill Creek	0.0	
(+A)3	RPU Flow	7.8	(Σ)K3	Yucaipa Pipeline	0.0	(+R)3	Boullioun to BVMWC Highline	0.0	
(+B)3	M/C #3 Penstock	10.1	(+L)3	East Weir (MC)	0.0	(+S)3	East Weir to Zanja	2.4	
(+C)3	SBVWCD Mill Creek Diversion	0.0	(+M)3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	17.9	
(Σ)D3	Total MC Inflows	17.9	(+C)3	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	17.9	
E3	M/C #1 Penstock Flow	17.9	(Σ)O3	SBVWCD Spreading	0.0	V3	Zanja West Weir to CWC Canal	4.4	
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill		
G3	Observation at Garnet Bridge	3.0							
H3			I3	Mentone Reser. Level (23.0)	19.8	Y3	Crafton Reser. Level (21.3)	15.2	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target		
A4	Santa Ana River	SAR	E4	28	I4	7,801	10400/30000		
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0			
B4	Santa Ana River	SWP	F4	0	J4	0			
C4	Mill Creek	MC	G4	0	K4	4,425	18,000		
D4	Mill Creek	SWP	H4	0	L4	0	714		
	SBVMWD	SWP		0		0			
	WMWD	SWP							
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge¹⁸	0	
	Mill Creek Passing Garnet	MC	3	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge¹⁹	3	
	Flow in the River Above Alabama	Total	3	Flowing Beyond Alabama	0		Total River Recharge	3	