

Santa Ana River-Mill Creek Cooperative Water Project									
						Date: July 29, 2011			
						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	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	0.0	(+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	0.0	
(+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	0.0	(+N)	¹ BVMWC Boulliou Box	0.0	(Σ)V	Total SWP Deliveries	0.0	
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)	33.8	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.0	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	2.6	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	3.4	
(+F1)	Greenspot Spill	0.0	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boulliou Box Weir	6.0	
A4	SAR Inflow-SubTotal-1	39.8	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boulliou Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	0.0	(+R1)	BVMWC Highline to Boulliou	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	18.0	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1	BVMWC Highline	6.0	
Z1	SOD ReleaseSubTotal D1+E1	18.0	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	6.3	
(Σ)G1	SubTotal 1+2 SAR Inflows	57.8	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	0.8	
(-D1a)	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	57.8	W1	Redlands Aqueduct / Sandbox	27.5	(+K2)	Northfork Parshall Flume	0.0	
H1	SBVWCD Diversion	18.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	7.1	
I1	Redlands Tunnel	0.8	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	18.0	
J1	^a Big Bear Lake Release	1.0	(+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	57.8	
L1	SCE SAR AVM (SCADA)	39.7							
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	18.6
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	4.0	
(+A3)	RPU Flow	15.6	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boulliou to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	16.2	(+L3)	East Weir (MC)	4.0	(+S3)	East Weir to Zanja	9.2	
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	31.8	
(Σ)D3	Total MC Inflows	31.8	(+C3)	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	31.8	
E3	M/C #1 Penstock Flow	31.8	(Σ)O3	SBVWCD Spreading	4.0	V3	Zanja West Weir to CWC Canal	9.2	
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)	20.8	Y3	Crafton Reser. Level (21.3)	19.0	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target		
A4	Santa Ana River	SAR	E4	36	I4	35,123	10400/50000		
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	8	K4	14,406	18,000		
D4	Mill Creek	SWP	H4	0	L4	1,434	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 27, 2011		
						Time: 0715		
SAR Water Project								
	Inflow	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	0.7	(+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	0.0	(+U)	¹ M/C spreading @ ZT	0.0
(Σ)G	Total SWP Inflow	0.7	(+N)	¹ BVMWC Boulliou Box	0.0	(Σ)V	Total SWP Deliveries	0.7
Santa Ana River				SOD Release	NA	Debris Pile	2200.00	
	Inflow	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
(+A1)	PH #3 Penstock (CALC)	34.6	(+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	0.1	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boulliou Box Weir	6.0
A4	SAR Inflow Total-1	40.7	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boulliou Box to Zanja	0.0
(+D1)	BVMWC Rvr PU-USGS, Flume	0.0	(+R1)	BVMWC Highline to Boulliou	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0
(+E1)	Main River Gage (USGS)	18.0	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1	BVMWC Highline	6.0
Z1	SOD Release Sub Total D1+E1	18.0	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	8.5
(Σ)G1	Sub Total 1+2 SAR Inflow	58.7	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	0.9
(-D1A)	If BV p/u gated, divert to SAR="Y"		(+V1)	PH#3 Afterbay Spill Loss to SAR	0.0	(+J2)	Tailrace Valve	0.0
(Σ)A5	Total SAR Inflow	58.7	W1	Redlands Aqueduct / Sandbox	26.1	(+K2)	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	18.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	9.4
I1	Redlands Tunnel	0.8	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall Flume to Bains	18.0
J1	^a Big Bear Lake Release	1.0	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	Total SAR Deliveries	58.7
L1	SCE SAR AVM (SCADA)	40.6						
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
Mill Creek								
			(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	18.6
	Inflow	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	4.4
(+A3)	RPU Flow	10.2	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boulliou to BVMWC Highline	0.0
(+B3)	M/C #3 Penstock	19.8	(+L3)	East Weir (MC)	4.4	(+S3)	East Weir to Zanja	7.0
(+C3)	SBVWCD Mill Creek Diversion	1.6	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	30.0
(Σ)D3	Total MC Inflow	31.6	(+C3)	Mill Creek Diversion (MC)	1.6	U3	Total MC Deliveries	31.6
E3	M/C #1 Penstock Flow	30.0	(Σ)O3	SBVWCD Spading	6.0	V3	Zanja West Weir to CWC Canal	5.0
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)	19.6	Y3	Crafton Reser. Level (21.3)	15.6
SBVWCD Recharge								
	Location	Type		Per Day (AF)		WY Total (AF)	Target	
A4	Santa Ana River	SAR	E4	36	I4	35,052	10400/50000	
M4	Santa Ana River	SAR-MC	N4	0	O4	0		
B4	Santa Ana River	SWP	F4	0	J4	0		
C4	Mill Creek	MC	G4	12	K4	14,386	18,000	
D4	Mill Creek	SWP	H4	0	L4	1,434	714	
	SBVMWD	SWP		0		0		
	WMWD	SWP						
	SAR Paing Cte Weir	SAR	0	Share of Flow	0	SARP	Estimate SAR Recharge ¹⁸	0
	Mill Creek Paing Ganet	MC	3	Share of Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹	3
	Flow in River Above Alabama	Total	3	Flow Begd Alabama	0		Total River Recharge	3

Santa Ana River-Mill Creek Cooperative Water Project								
				Daily Flow Report		Date: July 26, 2011		
						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	0.0	(+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	0.0
(+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	0.0	(+N)	¹ BVMWC Boulliou Box	0.0	(Σ)V	Total SWP Deliveries	0.0
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)	35.4	(+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	0.0	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boulliou Box Weir	6.0
A4	SAR Inflow-SubTotal-1	41.4	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boulliou Box to Zanja	0.0
(+D1)	BVMWC Rvr PU-USGS, Flume	0.0	(+R1)	BVMWC Highline to Boulliou	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0
(+E1)	Main River Gage (USGS)	18.0	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1	BVMWC Highline	6.0
Z1	SOD ReleaseSubTotal D1+E1	18.0	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	8.5
(Σ)G1	SubTotal 1+2 SAR Inflows	59.4	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	0.6
(-)D1a	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	59.4	W1	Redlands Aqueduct / Sandbox	27.1	(+K2)	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	18.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	9.1
I1	Redlands Tunnel	0.8	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	18.0
J1	^a Big Bear Lake Release	1.0	(+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	59.4
L1	SCE SAR AVM (SCADA)	44.7						
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
Mill Creek								
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+P3)	Tate Inflow	18.6
(+A3)	RPU Flow	10.0	(Σ)K3	Yucaipa Pipeline	0.0	(+Q3)	East Weir to Mill Creek	9.2
(+B3)	M/C #3 Penstock	17.8	(+L3)	East Weir (MC)	9.2	(+R3)	Boulliou to BVMWC Highline	0.0
(+C3)	SBVWCD Mill Creek Diversion	1.8	(+M3)	BVHL (SAR)	0.0	(+S3)	East Weir to Zanja	0.0
(Σ)D3	Total MC Inflows	29.6	(+C3)	Mill Creek Diversion (MC)	1.8	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	27.8
E3	M/C #1 Penstock Flow	27.8	(Σ)O3	SBVWCD Spreading	11.0	U3	Total MC Deliveries	29.6
F3	Stream Parshall Flume to Yucaipa	0.0				V3	Zanja West Weir to CWC Canal	0.0
G3	Observation at Garnet Bridge	3.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
H3			I3	Mentone Reser. Level (23.0)	18.6	Y3	Crafton Reser. Level (21.3)	18.5
SBVWCD Recharge								
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target	
A4	Santa Ana River	SAR	E4	36	I4	35,016	10400/50000	
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	22	K4	14,375	18,000	
D4	Mill Creek	SWP	H4	0	L4	1,434	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 25, 2011			
						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	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	0.0	(+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	0.0	
(+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	0.0	(+N)	¹ BVMWC Boulliou Box	0.0	(Σ)V	Total SWP Deliveries	0.0	
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)	35.8	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.0	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	3.0	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	3.0	
(+F1)	Greenspot Spill	0.0	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boulliou Box Weir	6.0	
A4	SAR Inflow-SubTotal-1	41.8	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boulliou Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	0.0	(+R1)	BVMWC Highline to Boulliou	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	18.0	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1	BVMWC Highline	6.0	
Z1	SOD ReleaseSubTotal D1+E1	18.0	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	8.5	
(Σ)G1	SubTotal 1+2 SAR Inflows	59.8	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	0.0	
(-)D1a	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	59.8	W1	Redlands Aqueduct / Sandbox	28.1	(+K2)	Northfork Parshall Flume	0.0	
H1	SBVWCD Diversion	18.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	8.5	
I1	Redlands Tunnel	0.8	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	18.0	
J1	^a Big Bear Lake Release	1.0	(+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	59.8	
L1	SCE SAR AVM (SCADA)	41.6							
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	18.6
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	11.0	
(+A3)	RPU Flow	16.7	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boulliou to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	15.5	(+L3)	East Weir (MC)	11.0	(+S3)	East Weir to Zanja	2.6	
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	32.2	
(Σ)D3	Total MC Inflows	32.2	(+C3)	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	32.2	
E3	M/C #1 Penstock Flow	32.2	(Σ)O3	SBVWCD Spreading	11.0	V3	Zanja West Weir to CWC Canal	1.9	
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	2.3	
G3	Observation at Garnet Bridge	3.0							
H3			I3	Mentone Reser. Level (23.0)	19.3	Y3	Crafton Reser. Level (21.3)	19.0	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target		
A4	Santa Ana River	SAR	E4	107	I4	34,908	10400/50000		
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	65	K4	14,353	18,000		
D4	Mill Creek	SWP	H4	0	L4	1,434	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 22, 2011			
						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	0.0	(+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	0.0	
(+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	0.0	(+N)	¹ BVMWC Boulliou Box	0.0	(Σ)V	Total SWP Deliveries	0.0	
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)	35.6	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.0	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	2.5	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	3.5	
(+F1)	Greenspot Spill	0.0	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boulliou Box Weir	6.0	
A4	SAR Inflow-SubTotal-1	41.6	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boulliou Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	0.0	(+R1)	BVMWC Highline to Boulliou	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	19.0	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1	BVMWC Highline	6.0	
Z1	SOD ReleaseSubTotal D1+E1	19.0	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	6.5	
(Σ)G1	SubTotal 1+2 SAR Inflows	60.6	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	0.0	
(-)D1a	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	60.6	W1	Redlands Aqueduct / Sandbox	30.1	(+K2)	Northfork Parshall Flume	0.0	
H1	SBVWCD Diversion	19.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	6.5	
I1	Redlands Tunnel	1.0	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	19.0	
J1	^a Big Bear Lake Release	1.0	(+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	60.6	
L1	SCE SAR AVM (SCADA)	43.0							
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	18.6
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	6.2	
(+A3)	RPU Flow	13.4	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boulliou to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	19.8	(+L3)	East Weir (MC)	6.2	(+S3)	East Weir to Zanja	8.4	
(+C3)	SBVWCD Mill Creek Diversion	0.8	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	33.2	
(Σ)D3	Total MC Inflows	34.0	(+C3)	Mill Creek Diversion (MC)	0.8	U3	Total MC Deliveries	34.0	
E3	M/C #1 Penstock Flow	33.2	(Σ)O3	SBVWCD Spreading	7.0	V3	Zanja West Weir to CWC Canal	6.4	
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)	19.9	Y3	Crafton Reser. Level (21.3)	18.5	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target		
A4	Santa Ana River	SAR	E4	38	I4	34,874	10400/50000		
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	14	K4	14,288	18,000		
D4	Mill Creek	SWP	H4	0	L4	1,434	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 21, 2011			
						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	0.0	(+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	0.0	
(+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	0.0	(+N)	¹ BVMWC Boulliou Box	0.0	(Σ)V	Total SWP Deliveries	0.0	
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)	35.6	(+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	0.0	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boulliou Box Weir	6.0	
A4	SAR Inflow-SubTotal-1	41.6	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boulliou Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	0.0	(+R1)	BVMWC Highline to Boulliou	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	20.0	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1	BVMWC Highline	6.0	
Z1	SOD ReleaseSubTotal D1+E1	20.0	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	6.7	
(Σ)G1	SubTotal 1+2 SAR Inflows	61.6	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	1.0	
(-D1a)	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	61.6	W1	Redlands Aqueduct / Sandbox	28.9	(+K2)	Northfork Parshall Flume	0.0	
H1	SBVWCD Diversion	20.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	7.7	
I1	Redlands Tunnel	1.0	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	20.0	
J1	^a Big Bear Lake Release	1.0	(+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	61.6	
L1	SCE SAR AVM (SCADA)	43.1							
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	18.6
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	6.0	
(+A3)	RPU Flow	16.5	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boulliou to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	17.0	(+L3)	East Weir (MC)	6.0	(+S3)	East Weir to Zanja	8.9	
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	33.5	
(Σ)D3	Total MC Inflows	33.5	(+C3)	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	33.5	
E3	M/C #1 Penstock Flow	33.5	(Σ)O3	SBVWCD Spreading	6.0	V3	Zanja West Weir to CWC Canal	7.5	
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	3.5	
G3	Observation at Garnet Bridge	3.0							
H3			I3	Mentone Reser. Level (23.0)	19.1	Y3	Crafton Reser. Level (21.3)	18.6	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target		
A4	Santa Ana River	SAR	E4	42	I4	34,836	10400/50000		
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	12	K4	14,274	18,000		
D4	Mill Creek	SWP	H4	0	L4	1,434	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 20, 2011			
						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	0.0	(+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	0.0	
(+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	0.0	(+N)	¹ BVMWC Boulliou Box	0.0	(Σ)V	Total SWP Deliveries	0.0	
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)	34.4	(+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	0.1	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boulliou Box Weir	6.0	
A4	SAR Inflow-SubTotal-1	40.5	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boulliou Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	0.0	(+R1)	BVMWC Highline to Boulliou	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	27.0	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1	BVMWC Highline	6.0	
Z1	SOD ReleaseSubTotal D1+E1	27.0	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	6.7	
(Σ)G1	SubTotal 1+2 SAR Inflows	67.5	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	1.0	
(-D1a)	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	67.5	W1	Redlands Aqueduct / Sandbox	27.8	(+K2)	Northfork Parshall Flume	0.0	
H1	SBVWCD Diversion	27.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	7.7	
I1	Redlands Tunnel	1.0	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	27.0	
J1	^a Big Bear Lake Release	1.0	(+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	67.5	
L1	SCE SAR AVM (SCADA)	40.8							
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
Mill Creek				(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	18.5
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	5.4	
(+A3)	RPU Flow	17.9	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boulliou to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	15.2	(+L3)	East Weir (MC)	5.4	(+S3)	East Weir to Zanja	9.2	
(+C3)	SBVWCD Mill Creek Diversion	2.6	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	33.1	
(Σ)D3	Total MC Inflows	35.7	(+C3)	Mill Creek Diversion (MC)	2.6	U3	Total MC Deliveries	35.7	
E3	M/C #1 Penstock Flow	33.1	(Σ)O3	SBVWCD Spreading	8.0	V3	Zanja West Weir to CWC Canal	8.0	
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	5.0	
G3	Observation at Garnet Bridge	3.0							
H3			I3	Mentone Reser. Level (23.0)	19.0	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	54	I4	34,794	10400/50000		
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	16	K4	14,262	18,000		
D4	Mill Creek	SWP	H4	0	L4	1,434	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 19, 2011		
						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	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	0.0	(+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	0.0
(+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	0.0	(+N)	¹ BVMWC Boulliou Box	0.0	(Σ)V	Total SWP Deliveries	0.0
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)	34.3	(+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	0.0	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boulliou Box Weir	6.0
A4	SAR Inflow-SubTotal-1	40.3	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boulliou Box to Zanja	0.0
(+D1)	BVMWC Rvr PU-USGS, Flume	0.0	(+R1)	BVMWC Highline to Boulliou	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0
(+E1)	Main River Gage (USGS)	26.0	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1	BVMWC Highline	6.0
Z1	SOD ReleaseSubTotal D1+E1	26.0	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	6.6
(Σ)G1	SubTotal 1+2 SAR Inflows	66.3	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	0.9
(-D1a)	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	66.3	W1	Redlands Aqueduct / Sandbox	27.8	(+K2)	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	26.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	7.5
I1	Redlands Tunnel	1.0	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	26.0
J1	^a Big Bear Lake Release	1.0	(+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	66.3
L1	SCE SAR AVM (SCADA)	42.0						
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
Mill Creek								
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+P3)	Tate Inflow	18.5
(+A3)	RPU Flow	13.1	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boulliou to BVMWC Highline	0.0
(+B3)	M/C #3 Penstock	19.9	(+L3)	East Weir (MC)	9.1	(+S3)	East Weir to Zanja	5.4
(+C3)	SBVWCD Mill Creek Diversion	1.9	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	33.0
(Σ)D3	Total MC Inflows	34.9	(+C3)	Mill Creek Diversion (MC)	1.9	U3	Total MC Deliveries	34.9
E3	M/C #1 Penstock Flow	33.0	(Σ)O3	SBVWCD Spreading	11.0	V3	Zanja West Weir to CWC Canal	2.6
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)	19.0	Y3	Crafton Reser. Level (21.3)	18.9
SBVWCD Recharge								
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target	
A4	Santa Ana River	SAR	E4	52	I4	34,740	10400/50000	
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	22	K4	14,246	18,000	
D4	Mill Creek	SWP	H4	0	L4	1,434	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, 2011		
						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	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	0.0	(+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	0.0
(+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	0.0	(+N)	¹ BVMWC Boulliou Box	0.0	(Σ)V	Total SWP Deliveries	0.0
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)	34.6	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0
(+B1)	BVMWC Highline	6.0	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	3.0
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	3.0
(+F1)	Greenspot Spill	0.0	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boulliou Box Weir	6.0
A4	SAR Inflow-SubTotal-1	40.6	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boulliou Box to Zanja	0.0
(+D1)	BVMWC Rvr PU-USGS, Flume	0.0	(+R1)	BVMWC Highline to Boulliou	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0
(+E1)	Main River Gage (USGS)	27.0	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1	BVMWC Highline	6.0
Z1	SOD ReleaseSubTotal D1+E1	27.0	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	6.6
(Σ)G1	SubTotal 1+2 SAR Inflows	67.6	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	0.9
(-)D1a	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	67.6	W1	Redlands Aqueduct / Sandbox	28.1	(+K2)	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	27.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	7.5
I1	Redlands Tunnel	1.0	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	27.0
J1	^a Big Bear Lake Release	1.0	(+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	67.6
L1	SCE SAR AVM (SCADA)	43.8						
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
Mill Creek								
			(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	18.5
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	9.5
(+A3)	RPU Flow	14.2	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boulliou to BVMWC Highline	0.0
(+B3)	M/C #3 Penstock	20.2	(+L3)	East Weir (MC)	9.5	(+S3)	East Weir to Zanja	6.4
(+C3)	SBVWCD Mill Creek Diversion	1.5	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	34.4
(Σ)D3	Total MC Inflows	35.9	(+C3)	Mill Creek Diversion (MC)	1.5	U3	Total MC Deliveries	35.9
E3	M/C #1 Penstock Flow	34.4	(Σ)O3	SBVWCD Spreading	11.0	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	3.5
G3	Observation at Garnet Bridge	3.0						
H3			I3	Mentone Reser. Level (23.0)	18.9	Y3	Crafton Reser. Level (21.3)	18.9
SBVWCD Recharge								
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target	
A4	Santa Ana River	SAR	E4	161	I4	34,689	10400/50000	
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	66	K4	14,224	18,000	
D4	Mill Creek	SWP	H4	0	L4	1,434	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									
						Date: July 8, 2011			
						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	0.0	(+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	0.0	
(+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	0.0	(+N)	¹ BVMWC Boulliou Box	0.0	(Σ)V	Total SWP Deliveries	0.0	
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)	44.6	(+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	0.0	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boulliou Box Weir	6.0	
A4	SAR Inflow-SubTotal-1	50.6	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boulliou Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	0.0	(+R1)	BVMWC Highline to Boulliou	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	26.6	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1	BVMWC Highline	6.0	
Z1	SOD ReleaseSubTotal D1+E1	26.6	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	6.6	
(Σ)G1	SubTotal 1+2 SAR Inflows	77.2	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	0.0	
(-D1a)	If BV p/u gated, divert to SAR="Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	1.0	(+J2)	Tailrace Valve	7.4	
(Σ)A5	Total SAR Inflows	77.2	W1	Redlands Aqueduct / Sandbox	30.7	(+K2)	Northfork Parshall Flume	0.0	
H1	SBVWCD Diversion	26.6	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	14.0	
I1	Redlands Tunnel	1.1	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	34.0	
J1	^a Big Bear Lake Release	1.0	(+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	77.2	
L1	SCE SAR AVM (SCADA)	49.6							
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)		
Mill Creek				(+I3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	11.0
	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)	Boulliou to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	17.4	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	6.4	
(+C3)	SBVWCD Mill Creek Diversion	21.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	17.4	
(Σ)D3	Total MC Inflows	38.4	(+C3)	Mill Creek Diversion (MC)	21.0	U3	Total MC Deliveries	38.4	
E3	M/C #1 Penstock Flow	17.4	(Σ)O3	SBVWCD Spreading	21.0	V3	Zanja West Weir to CWC Canal	6.4	
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)	20.3	Y3	Crafton Reser. Level (21.3)	18.8	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target		
A4	Santa Ana River	SAR	E4	67	I4	34,110	10400/50000		
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	33	K4	13,996	18,000		
D4	Mill Creek	SWP	H4	0	L4	1,434	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 7, 2011		
						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	0.0	(+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	0.0
(+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	0.0	(+N)	¹ BVMWC Boulliou Box	0.0	(Σ)V	Total SWP Deliveries	0.0
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)	47.1	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0
(+B1)	BVMWC Highline	6.0	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	2.9
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	3.1
(+F1)	Greenspot Spill	0.0	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boulliou Box Weir	6.0
A4	SAR Inflow-SubTotal-1	53.1	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boulliou Box to Zanja	0.0
(+D1)	BVMWC Rvr PU-USGS, Flume	0.0	(+R1)	BVMWC Highline to Boulliou	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0
(+E1)	Main River Gage (USGS)	27.6	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1	BVMWC Highline	6.0
Z1	SOD ReleaseSubTotal D1+E1	27.6	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	6.3
(Σ)G1	SubTotal 1+2 SAR Inflows	80.7	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	0.0
(-)D1a	If BV p/u gated, divert to SAR="Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	3.0	(+J2)	Tailrace Valve	6.4
(Σ)A5	Total SAR Inflows	80.7	W1	Redlands Aqueduct / Sandbox	32.5	(+K2)	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	27.6	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	12.7
I1	Redlands Tunnel	1.1	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	34.0
J1	^a Big Bear Lake Release	1.0	(+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	80.7
L1	SCE SAR AVM (SCADA)	53.1						
				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	3.0
(+A3)	RPU Flow	0.0	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boulliou to BVMWC Highline	0.0
(+B3)	M/C #3 Penstock	18.0	(+L3)	East Weir (MC)	3.0	(+S3)	East Weir to Zanja	15.0
(+C3)	SBVWCD Mill Creek Diversion	24.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	18.0
(Σ)D3	Total MC Inflows	42.0	(+C3)	Mill Creek Diversion (MC)	24.0	U3	Total MC Deliveries	42.0
E3	M/C #1 Penstock Flow	18.0	(Σ)O3	SBVWCD Spreading	27.0	V3	Zanja West Weir to CWC Canal	13.7
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)	21.2	Y3	Crafton Reser. Level (21.3)	18.7
SBVWCD Recharge								
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target	
A4	Santa Ana River	SAR	E4	67	I4	34,042	10400/50000	
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	69	K4	13,952	18,000	
D4	Mill Creek	SWP	H4	0	L4	1,434	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									
						Date: July 6, 2011			
						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	0.7	(+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	0.0	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	0.7	(+N)	¹ BVMWC Boulliou Box	0.0	(Σ)V	Total SWP Deliveries	0.7	
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)	48.3	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.0	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	3.0	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	3.0	
(+F1)	Greenspot Spill	0.0	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boulliou Box Weir	6.0	
A4	SAR Inflow-SubTotal-1	54.3	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boulliou Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	0.0	(+R1)	BVMWC Highline to Boulliou	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	24.9	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1	BVMWC Highline	6.0	
Z1	SOD ReleaseSubTotal D1+E1	24.9	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	6.6	
(Σ)G1	SubTotal 1+2 SAR Inflows	79.2	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	0.0	
(-D1a)	If BV p/u gated, divert to SAR="Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	3.0	(+J2)	Tailrace Valve	9.1	
(Σ)A5	Total SAR Inflows	79.2	W1	Redlands Aqueduct / Sandbox	30.7	(+K2)	Northfork Parshall Flume	0.0	
H1	SBVWCD Diversion	24.9	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	15.7	
I1	Redlands Tunnel	1.1	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	34.0	
J1	^a Big Bear Lake Release	1.0	(+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	79.2	
L1	SCE SAR AVM (SCADA)	51.3							
				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)	Boulliou 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	44.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	0.0	
(Σ)D3	Total MC Inflows	44.0	(+C3)	Mill Creek Diversion (MC)	44.0	U3	Total MC Deliveries	44.0	
E3	M/C #1 Penstock Flow	0.0	(Σ)O3	SBVWCD Spreading	44.0	V3	Zanja West Weir to CWC Canal	0.0	
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)	20.1	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	67	I4	33,975	10400/50000		
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	93	K4	13,886	18,000		
D4	Mill Creek	SWP	H4	0	L4	1,434	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									
						Date: July 5, 2011			
						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	0.0	(+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	0.0	
(+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	0.0	(+N)	¹ BVMWC Boulliou Box	0.0	(Σ)V	Total SWP Deliveries	0.0	
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)	52.4	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.0	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	2.8	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	3.2	
(+F1)	Greenspot Spill	0.0	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boulliou Box Weir	6.0	
A4	SAR Inflow-SubTotal-1	58.4	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boulliou Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	0.0	(+R1)	BVMWC Highline to Boulliou	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	22.0	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1	BVMWC Highline	6.0	
Z1	SOD ReleaseSubTotal D1+E1	22.0	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	6.6	
(Σ)G1	SubTotal 1+2 SAR Inflows	80.4	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	1.1	
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	3.0	(+J2)	Tailrace Valve	12.0	
(Σ)A5	Total SAR Inflows	80.4	W1	Redlands Aqueduct / Sandbox	30.8	(+K2)	Northfork Parshall Flume	0.0	
H1	SBVWCD Diversion	22.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	19.7	
I1	Redlands Tunnel	1.1	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	34.0	
J1	^a Big Bear Lake Release	1.0	(+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	80.4	
L1	SCE SAR AVM (SCADA)	55.4							
				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)	Boulliou 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	0.0	
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.2	
G3	Observation at Garnet Bridge	47.0							
H3			I3	Mentone Reser. Level (23.0)	20.1	Y3	Crafton Reser. Level (21.3)	19.0	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target		
A4	Santa Ana River	SAR	E4	270	I4	33,907	10400/50000		
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	110	K4	13,794	18,000		
D4	Mill Creek	SWP	H4	0	L4	1,434	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	47	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge¹⁹	47	
	Flow in the River Above Alabama	Total	47	Flowing Beyond Alabama	0		Total River Recharge	47	

Santa Ana River-Mill Creek Cooperative Water Project								
				Daily Flow Report		Date: July 1, 2011		
						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	0.0	(+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	0.0
(+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	0.0	(+N)	¹ BVMWC Boulliou Box	0.0	(Σ)V	Total SWP Deliveries	0.0
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)	47.9	(+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	0.1	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boulliou Box Weir	6.0
A4	SAR Inflow-SubTotal-1	54.0	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boulliou Box to Zanja	0.0
(+D1)	BVMWC Rvr PU-USGS, Flume	0.0	(+R1)	BVMWC Highline to Boulliou	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0
(+E1)	Main River Gage (USGS)	26.5	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1	BVMWC Highline	6.0
Z1	SOD ReleaseSubTotal D1+E1	26.5	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	5.7
(Σ)G1	SubTotal 1+2 SAR Inflows	80.5	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	0.0
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	6.0	(+J2)	Tailrace Valve	7.5
(Σ)A5	Total SAR Inflows	80.5	W1	Redlands Aqueduct / Sandbox	29.9	(+K2)	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	26.5	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	13.2
I1	Redlands Tunnel	1.1	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	34.0
J1	^a Big Bear Lake Release	1.0	(+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	80.5
L1	SCE SAR AVM (SCADA)	54.0						
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)	
Mill Creek								
			(+J3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	18.5
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	11.9
(+A3)	RPU Flow	13.5	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boulliou to BVMWC Highline	0.0
(+B3)	M/C #3 Penstock	21.1	(+L3)	East Weir (MC)	11.9	(+S3)	East Weir to Zanja	4.2
(+C3)	SBVWCD Mill Creek Diversion	4.1	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	34.6
(Σ)D3	Total MC Inflows	38.7	(+C3)	Mill Creek Diversion (MC)	4.1	U3	Total MC Deliveries	38.7
E3	M/C #1 Penstock Flow	34.6	(Σ)O3	SBVWCD Spreading	16.0	V3	Zanja West Weir to CWC Canal	2.6
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	4.6
G3	Observation at Garnet Bridge	3.0						
H3			I3	Mentone Reser. Level (23.0)	20.9	Y3	Crafton Reser. Level (21.3)	16.4
SBVWCD Recharge								
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target	
A4	Santa Ana River	SAR	E4	67	I4	33,638	10400/50000	
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	32	K4	13,683	18,000	
D4	Mill Creek	SWP	H4	0	L4	1,434	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