

Santa Ana River-Mill Creek Cooperative Water Project									
				Daily Flow Report		Date: November 1, 2010			
						Time: 0800			
State Water Project						Revised 1/27/2010			
	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	6.4	(+R)	¹ Tate Treatment Plant	0.0	
(+D)	Purchased Water	6.4	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0	
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	5.1	(+T)	¹ Newport for BVMWC	0.0	
(+F)	Recharge Project	5.1	(+M)	¹ Crafton Unger Lane	0.0	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	11.5	(+N)	¹ BVMWC Boulliou Box	0.0	(Σ)V	Total SWP Deliveries	11.5	
Santa Ana River				SOD Reservoir Elevation	NA	Debris Pool Elevation	2200.00		
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Flow Rate (cfs)		
(+A1)	PH #3 Penstock (CALC)	15.3	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.6	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	3.8	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	2.8	
(+F1)	Greenspot Spill	0.9	(+P1)	SBVWCD Mill Creek Spreading	0.0	(Σ)D2	Boulliou Box Weir	6.6	
A4	SAR Inflow-SubTotal-1	22.8	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boulliou Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	2.7	(+R1)	BVMWC Highline to Boulliou	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	0.0	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1	BVMWC Highline	6.6	
Z1	SOD ReleaseSubTotal D1+E1	2.7	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	0.0	
(Σ)G1	SubTotal 1+2 SAR Inflows	25.5	(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	
()A5	Total SAR Inflows	25.5	W1	Redlands Aqueduct Weir	18.4	(+K2)	Northfork Parshall Flume	0.0	
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	0.9	
I1	Redlands Tunnel	0.4	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	0.0	
J1	⁸ Big Bear Lake Release	1.5	(+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	25.5	
L1	SCE SAR AVM (SCADA)	21.9							
				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	
Mill Creek				(+I3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	11.5
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.0	
(+A3)	RPU Flow	5.4	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boulliou to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	12.5	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	6.4	
(+C3)	SBVWCD Mill Creek Diversion	1.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	17.9	
(Σ)D3	Total MC Inflows	18.9	(+C3)	Mill Creek Diversion (MC)	1.0	U3	Total MC Deliveries	18.9	
E3	M/C #1 Penstock Flow	17.9	(Σ)O3	SBVWCD Spreading	1.0	V3	Zanja West Weir to CWC Canal	5.1	
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0	
G3	Observation at Garnet Bridge	0.0							
H3			I3	Mentone Reser. Level (23.0)	21.3	Y3	Crafton Reser. Level (21.3)	21.3	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)			WY To Date (AF)	Target	
A4	Santa Ana River	SAR	E4	0		I4	39	10,000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4			O4	0		
B4	Santa Ana River	SWP	F4			J4	0		
C4	Mill Creek	MC	G4	0		K4	108	8,889	
D4	Mill Creek	SWP	H4	30		L4	279		
	SBVMWD	SWP							
	WMWD	SWP							

Santa Ana River-Mill Creek Cooperative Water Project									
				Daily Flow Report		Date: November 2, 2010			
						Time: 0800			
State Water Project						Revised 1/27/2010			
	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	7.7	(+R)	¹ Tate Treatment Plant	0.0	
(+D)	Purchased Water	7.7	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0	
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	5.0	(+T)	¹ Newport for BVMWC	0.0	
(+F)	Recharge Project	5.0	(+M)	¹ Crafton Unger Lane	0.0	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	12.7	(+N)	¹ BVMWC Boullioun Box	0.0	(Σ)V	Total SWP Deliveries	12.7	
Santa Ana River				SOD Reservoir Elevation	NA	Debris Pool Elevation	2200.00		
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Flow Rate (cfs)		
(+A1)	PH #3 Penstock (CALC)	14.1	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.2	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	2.5	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	3.7	
(+F1)	Greenspot Spill	0.8	(+P1)	SBVWCD Mill Creek Spreading	0.0	(Σ)D2)	Boullioun Box Weir	6.2	
A4	SAR Inflow-SubTotal-1	21.1	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullioun Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	2.8	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	0.0	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1)	BVMWC Highline	6.2	
Z1	SOD ReleaseSubTotal D1+E1	2.8	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	0.0	
(Σ)G1)	SubTotal 1+2 SAR Inflows	23.9	(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	
()A5)	Total SAR Inflows	23.9	W1)	Redlands Aqueduct Weir	17.3	(+K2)	Northfork Parshall Flume	0.0	
H1)	SBVWCD Diversion	0.0	X1)	SBVWCD Mill Creek Spreading	0.0	(Σ)I2)	Tailrace Pipeline	0.8	
I1)	Redlands Tunnel	0.4	Y1)	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	0.0	
J1)	⁸ Big Bear Lake Release	1.5	(+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	23.9	
L1)	SCE SAR AVM (SCADA)	21.6							
				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	
Mill Creek				(+I3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	17.7
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	4.0	
(+A3)	RPU Flow	9.2	(Σ)K3)	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	12.5	(+L3)	East Weir (MC)	4.0	(+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)	21.7	
(Σ)D3)	Total MC Inflows	21.7	(+C3)	Mill Creek Diversion (MC)	0.0	U3)	Total MC Deliveries	21.7	
E3)	M/C #1 Penstock Flow	21.7	(Σ)O3)	SBVWCD Spreading	4.0	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	0.0							
H3)			I3)	Mentone Reser. Level (23.0)	19.0	Y3)	Crafton Reser. Level (21.3)	19.2	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)			WY To Date (AF)	Target	
A4)	Santa Ana River	SAR	E4	0		I4	39	10,000	
M4)	Santa Ana Rvr to Mill Creek	SAR-MC	N4			O4	0		
B4)	Santa Ana River	SWP	F4			J4	0		
C4)	Mill Creek	MC	G4	8		K4	116	8,889	
D4)	Mill Creek	SWP	H4	10		L4	289		
	SBVMWD	SWP							
	WMWD	SWP							

Santa Ana River-Mill Creek Cooperative Water Project									
				Daily Flow Report		Date: November 3, 2010			
						Time: 0800			
State Water Project						Revised 1/27/2010			
	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	7.8	(+R)	¹ Tate Treatment Plant	0.0	
(+D)	Purchased Water	7.8	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0	
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	5.1	(+T)	¹ Newport for BVMWC	0.0	
(+F)	Recharge Project	5.1	(+M)	¹ Crafton Unger Lane	0.0	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	12.9	(+N)	¹ BVMWC Boulliou Box	0.0	(Σ)V	Total SWP Deliveries	12.9	
Santa Ana River				SOD Reservoir Elevation	NA	Debris Pool Elevation	2200.00		
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Flow Rate (cfs)		
(+A1)	PH #3 Penstock (CALC)	13.8	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.3	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	2.5	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	3.8	
(+F1)	Greenspot Spill	0.7	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2)	Boulliou Box Weir	6.3	
A4	SAR Inflow-SubTotal-1	20.8	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boulliou Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	3.3	(+R1)	BVMWC Highline to Boulliou	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	0.0	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1)	BVMWC Highline	6.3	
Z1	SOD ReleaseSubTotal D1+E1	3.3	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	0.0	
(Σ)G1)	SubTotal 1+2 SAR Inflows	24.1	(Σ)C1)	Greenspot Pipeline	0.0	(+H2)	Edwards Canal	0.7	
(-)D1a)	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	0.0	(+J2)	Tailrace Valve	0.0	
()A5)	Total SAR Inflows	24.1	W1)	Redlands Aqueduct Weir	17.5	(+K2)	Northfork Parshall Flume	0.0	
H1)	SBVWCD Diversion	0.0	X1)	SBVWCD Mill Creek Spreading	0.0	(Σ)I2)	Tailrace Pipeline	0.7	
I1)	Redlands Tunnel	0.4	Y1)	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	0.0	
J1)	⁸ Big Bear Lake Release	1.5	(+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)	21.0							
				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	
Mill Creek				(+I3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	15.3
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.0	
(+A3)	RPU Flow	8.6	(Σ)K3)	Yucaipa Pipeline	0.0	(+R3)	Boulliou to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	12.0	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	5.3	
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3)	Mill Creek #1 Flow (Cooley Hat)	20.6	
(Σ)D3)	Total MC Inflows	20.6	(+C3)	Mill Creek Diversion (MC)	0.0	U3)	Total MC Deliveries	20.6	
E3)	M/C #1 Penstock Flow	20.6	(Σ)O3)	SBVWCD Spreading	0.0	V3)	Zanja West Weir to CWC Canal	3.4	
F3)	Stream Parshall Flume to Yucaipa	0.0				W3)	Mill Creek PH #2,3 Afterbay Spill	0.0	
G3)	Observation at Garnet Bridge	0.0							
H3)			I3)	Mentone Reser. Level (23.0)	20.0	Y3)	Crafton Reser. Level (21.3)	20.1	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)			WY To Date (AF)	Target	
A4)	Santa Ana River	SAR	E4)	0		I4)	39	10,000	
M4)	Santa Ana Rvr to Mill Creek	SAR-MC	N4)			O4)	0		
B4)	Santa Ana River	SWP	F4)			J4)	0		
C4)	Mill Creek	MC	G4)	0		K4)	115	8,889	
D4)	Mill Creek	SWP	H4)	10		L4)	299		
	SBVMWD	SWP							
	WMWD	SWP							

Santa Ana River-Mill Creek Cooperative Water Project									
				Daily Flow Report		Date: November 4, 2010			
						Time: 0800			
State Water Project						Revised 1/27/2010			
	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	7.7	(+R)	¹ Tate Treatment Plant	0.0	
(+D)	Purchased Water	7.7	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0	
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	5.1	(+T)	¹ Newport for BVMWC	0.0	
(+F)	Recharge Project	5.1	(+M)	¹ Crafton Unger Lane	0.0	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	12.8	(+N)	¹ BVMWC Boullioun Box	0.0	(Σ)V	Total SWP Deliveries	12.8	
Santa Ana River				SOD Reservoir Elevation	NA	Debris Pool Elevation	2200.00		
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Flow Rate (cfs)		
(+A1)	PH #3 Penstock (CALC)	14.0	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.3	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	5.0	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	1.3	
(+F1)	Greenspot Spill	0.7	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2)	Boullioun Box Weir	6.3	
A4	SAR Inflow-SubTotal-1	21.0	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullioun Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	3.2	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	0.0	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1)	BVMWC Highline	6.3	
Z1	SOD ReleaseSubTotal D1+E1	3.2	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	0.0	
(Σ)G1)	SubTotal 1+2 SAR Inflows	24.2	(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	
()A5)	Total SAR Inflows	24.2	W1)	Redlands Aqueduct Weir	17.3	(+K2)	Northfork Parshall Flume	0.0	
H1)	SBVWCD Diversion	0.0	X1)	SBVWCD Mill Creek Spreading	0.0	(Σ)I2)	Tailrace Pipeline	1.0	
I1)	Redlands Tunnel	0.4	Y1)	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	0.0	
J1)	⁸ Big Bear Lake Release	1.5	(+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	24.2	
L1)	SCE SAR AVM (SCADA)	21.0							
				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	
Mill Creek				(+I3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	15.3
	Inflows	Flow Rate (cfs)		(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.0
(+A3)	RPU Flow	8.7	(Σ)K3)	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	12.0	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	5.4	
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3)	Mill Creek #1 Flow (Cooley Hat)	20.7	
(Σ)D3)	Total MC Inflows	20.7	(+C3)	Mill Creek Diversion (MC)	0.0	U3)	Total MC Deliveries	20.7	
E3)	M/C #1 Penstock Flow	20.7	(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	0.0							
H3)			I3)	Mentone Reser. Level (23.0)	20.5	Y3)	Crafton Reser. Level (21.3)	20.3	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target		
A4)	Santa Ana River	SAR	E4)	0	I4)	39	10,000		
M4)	Santa Ana Rvr to Mill Creek	SAR-MC	N4)		O4)	0			
B4)	Santa Ana River	SWP	F4)		J4)	0			
C4)	Mill Creek	MC	G4)	0	K4)	116	8,889		
D4)	Mill Creek	SWP	H4)	10	L4)	309			
	SBVMWD	SWP							
	WMWD	SWP							

Santa Ana River-Mill Creek Cooperative Water Project									
				Daily Flow Report		Date: November 5, 2010			
						Time: 0730			
State Water Project						Revised 1/27/2010			
	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	8.3	(+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	4.9	(+T)	¹ Newport for BVMWC	0.8	
(+F)	Recharge Project	4.9	(+M)	¹ Crafton Unger Lane	0.0	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	14.0	(+N)	¹ BVMWC Boullioun Box	0.0	(Σ)V	Total SWP Deliveries	14.0	
Santa Ana River				SOD Reservoir Elevation	NA	Debris Pool Elevation	2200.00		
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Flow Rate (cfs)		
(+A1)	PH #3 Penstock (CALC)	14.7	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.4	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	3.0	
(+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)	Boullioun Box Weir	6.4	
A4	SAR Inflow-SubTotal-1	21.1	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	Boullioun Box to Zanja	0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	3.1	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	0.0	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1)	BVMWC Highline	6.4	
Z1	SOD ReleaseSubTotal D1+E1	3.1	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	0.0	
(Σ)G1)	SubTotal 1+2 SAR Inflows	24.2	(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	
()A5)	Total SAR Inflows	24.2	W1)	Redlands Aqueduct Weir	17.2	(+K2)	Northfork Parshall Flume	0.0	
H1)	SBVWCD Diversion	0.0	X1)	SBVWCD Mill Creek Spreading	0.0	(Σ)I2)	Tailrace Pipeline	1.0	
I1)	Redlands Tunnel	0.4	Y1)	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	0.0	
J1)	⁸ Big Bear Lake Release	1.2	(+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	24.2	
L1)	SCE SAR AVM (SCADA)	20.8							
				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	
Mill Creek				(+I3)	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	8.3	(Σ)K3)	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	12.1	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	5.3	
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3)	Mill Creek #1 Flow (Cooley Hat)	20.4	
(Σ)D3)	Total MC Inflows	20.4	(+C3)	Mill Creek Diversion (MC)	0.0	U3)	Total MC Deliveries	20.4	
E3)	M/C #1 Penstock Flow	20.4	(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	0.0							
H3)			I3)	Mentone Reser. Level (23.0)	20.5	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)	0	I4)	39	10,000		
M4)	Santa Ana Rvr to Mill Creek	SAR-MC	N4)		O4)	0			
B4)	Santa Ana River	SWP	F4)		J4)	0			
C4)	Mill Creek	MC	G4)	0	K4)	116	8,889		
D4)	Mill Creek	SWP	H4)	10	L4)	319			
	SBVMWD	SWP							
	WMWD	SWP							

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	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	6.8	(+R)	¹ Tate Treatment Plant	0.0	
(+D)	Purchased Water	6.8	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0	
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	5.0	(+T)	¹ Newport for BVMWC	0.0	
(+F)	Recharge Project	5.0	(+M)	¹ Crafton Unger Lane	0.0	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	11.8	(+N)	¹ BVMWC Boullioun Box	0.0	(Σ)V	Total SWP Deliveries	11.8	
Santa Ana River				SOD Reservoir Elevation	NA	Debris Pool Elevation		2200.00	
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Flow Rate (cfs)		
(+A1)	PH #3 Penstock (CALC)	19.6	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.1	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	4.9	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	1.2	
(+F1)	Greenspot Spill	0.0	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boullioun Box Weir	6.1	
A4	SAR Inflow-SubTotal-1	25.7	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)		0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	3.2	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	0.0	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.1	
Z1	SOD ReleaseSubTotal D1+E1	3.2	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	0.0	
(Σ)G1	SubTotal 1+2 SAR Inflows	28.9	(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	
()A5	Total SAR Inflows	28.9	W1	Redlands Aqueduct Weir	22.9	(+K2)	Northfork Parshall Flume	0.0	
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	0.0	
I1	Redlands Tunnel	0.1	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	0.0	
J1	⁸ Big Bear Lake Release	1.2	(+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	28.9	
L1	SCE SAR AVM (SCADA)	26.4							
				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	
Mill Creek				(+I3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	17.9
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.0	
(+A3)	RPU Flow	9.5	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	11.8	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	3.4	
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	21.3	
(Σ)D3	Total MC Inflows	21.3	(+C3)	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	21.3	
E3	M/C #1 Penstock Flow	21.3	(Σ)O3	SBVWCD Spreading	0.0	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	0.0							
H3			I3	Mentone Reser. Level (23.0)	20.0	Y3	Crafton Reser. Level (21.3)	17.8	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target		
A4	Santa Ana River	SAR	E4	0	I4	39	10,000		
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4		O4	0			
B4	Santa Ana River	SWP	F4		J4	0			
C4	Mill Creek	MC	G4	0	K4	116	8,889		
D4	Mill Creek	SWP	H4	30	L4	349			
	SBVMWD	SWP							
	WMWD	SWP							

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Inflows		Flow Rate (cfs)	Deliveries		Flow Rate (cfs)	Deliveries (continued)	
(+A)	BBMWD In-lieu	0.0	(+H)	¹ EVWD Treatment Plant	0.0	(+P)	¹ SARC West
(+B)	Muni test @ Greenspot Sta.	0.0	(+I)	¹ Santa Ana Low Turnout	0.0	(+Q)	¹ Zanja
(+C)	Exchange Water	0.0	(+J)	¹ Northfork Canal	6.0	(+R)	¹ Tate Treatment Plant
(+D)	Purchased Water	6.0	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	5.0	(+T)	¹ Newport for BVMWC
(+F)	Recharge Project	5.0	(+M)	¹ Crafton Unger Lane	0.0	(+U)	¹ M/C spreading @ ZT
(Σ)G	Total SWP Inflows	11.0	(+N)	¹ BVMWC Boulliou Box	0.0	(Σ)V	Total SWP Deliveries
Santa Ana River				SOD Reservoir Elevation	2150.00	Debris Pool Elevation	
Inflows		Flow Rate (cfs)	Deliveries		Flow Rate (cfs)	Deliveries	
(+A1)	PH #3 Penstock (CALC)	19.6	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport
(+B1)	BVMWC Highline	6.2	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation
(+F1)	Greenspot Spill	0.0	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boulliou Box Weir
A4	SAR Inflow-SubTotal-1	25.8	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)	
(+D1)	BVMWC Rvr PU-USGS, Flume	2.9	(+R1)	BVMWC Highline to Boulliou	0.0	(+F2)	SBVWCD Mill Creek Spread
(+E1)	Main River Gage (USGS)	0.0	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1	BVMWC Highline
Z1	SOD ReleaseSubTotal D1+E1	2.9	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir
(Σ)G1	SubTotal 1+2 SAR Inflows	28.7	(Σ)C1	Greenspot Pipeline	0.0	(+H2)	Edwards Canal
(-D1a)	If BV p/u gated, divert to SAR= "Y"		(+V1)	PH#3 Afterbay SpillLoss to SAR	0.0	(+J2)	Tailrace Valve
()A5	Total SAR Inflows	28.7	W1	Redlands Aqueduct Weir	22.6	(+K2)	Northfork Parshall Flume
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline
I1	Redlands Tunnel	0.1	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins
J1	⁸ Big Bear Lake Release	1.2	(+Z2)	Cuttle Weir To River	0.0	(Σ)C1	Greenspot Pipeline
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	¹ Total SAR Deliveries
L1	SCE SAR AVM (SCADA)	26.3					
			Deliveries		Flow Rate (cfs)	Deliveries	
Mill Creek			(+I3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow
Inflows		Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek
(+A3)	RPU Flow	9.2	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boulliou to BVMWC Highline
(+B3)	M/C #3 Penstock	12.7	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)
(Σ)D3	Total MC Inflows	21.9	(+C3)	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries
E3	M/C #1 Penstock Flow	21.9	(Σ)O3	SBVWCD Spreading	0.0	V3	Zanja West Weir to CWC Canal
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill
G3	Observation at Garnet Bridge	0.0					
H3			I3	Mentone Reser. Level (23.0)	21.0	Y3	Crafton Reser. Level (21.3)
SBVWCD Recharge							
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4	0	I4	39	10,000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4		O4	0	
B4	Santa Ana River	SWP	F4		J4	0	
C4	Mill Creek	MC	G4	0	K4	116	8,889
D4	Mill Creek	SWP	H4	10	L4	359	
	SBVMWD	SWP					
	WMWD	SWP					

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	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	8.7	(+R)	¹ Tate Treatment Plant	0.0	
(+D)	Purchased Water	8.7	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0	
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	5.0	(+T)	¹ Newport for BVMWC	0.0	
(+F)	Recharge Project	5.0	(+M)	¹ Crafton Unger Lane	0.0	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	13.7	(+N)	¹ BVMWC Boulliou Box	0.0	(Σ)V	Total SWP Deliveries	13.7	
Santa Ana River				SOD Reservoir Elevation	2150.00	Debris Pool Elevation	2200.00		
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Flow Rate (cfs)		
(+A1)	PH #3 Penstock (CALC)	19.7	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.4	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	3.4	
(+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	6.4	
A4	SAR Inflow-SubTotal-1	26.1	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)		0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	2.8	(+R1)	BVMWC Highline to Boulliou	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	0.0	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1	BVMWC Highline	6.4	
Z1	SOD ReleaseSubTotal D1+E1	2.8	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	0.0	
(Σ)G1	SubTotal 1+2 SAR Inflows	28.9	(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	
()A5	Total SAR Inflows	28.9	W1	Redlands Aqueduct Weir	21.6	(+K2)	Northfork Parshall Flume	0.0	
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	1.0	
I1	Redlands Tunnel	0.1	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	0.0	
J1	⁸ Big Bear Lake Release	1.2	(+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	28.9	
L1	SCE SAR AVM (SCADA)	28.4							
				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	
Mill Creek				(+I3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	12.2
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.0	
(+A3)	RPU Flow	9.4	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boulliou to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	12.0	(+L3)	East Weir (MC)	0.0	(+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)	21.4	
(Σ)D3	Total MC Inflows	21.4	(+C3)	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	21.4	
E3	M/C #1 Penstock Flow	21.4	(Σ)O3	SBVWCD Spreading	0.0	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	0.0	
G3	Observation at Garnet Bridge	0.0							
H3			I3	Mentone Reser. Level (23.0)	20.0	Y3	Crafton Reser. Level (21.3)	21.1	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)			WY To Date (AF)	Target	
A4	Santa Ana River	SAR	E4	0		I4	39	10,000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4			O4	0		
B4	Santa Ana River	SWP	F4			J4	0		
C4	Mill Creek	MC	G4	0		K4	116	8,889	
D4	Mill Creek	SWP	H4	10		L4	368		
	SBVMWD	SWP							
	WMWD	SWP							

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	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	4.9	(+R)	¹ Tate Treatment Plant	0.0	
(+D)	Purchased Water	4.9	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0	
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	5.0	(+T)	¹ Newport for BVMWC	0.0	
(+F)	Recharge Project	5.0	(+M)	¹ Crafton Unger Lane	0.0	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	9.9	(+N)	¹ BVMWC Boulliou Box	0.0	(Σ)V	Total SWP Deliveries	9.9	
Santa Ana River				SOD Reservoir Elevation	2150.00	Debris Pool Elevation	2200.00		
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Flow Rate (cfs)		
(+A1)	PH #3 Penstock (CALC)	15.7	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.1	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	2.7	
(+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	6.1	
A4	SAR Inflow-SubTotal-1	21.8	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)		0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	2.9	(+R1)	BVMWC Highline to Boulliou	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	0.0	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1	BVMWC Highline	6.1	
Z1	SOD ReleaseSubTotal D1+E1	2.9	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	0.0	
(Σ)G1	SubTotal 1+2 SAR Inflows	24.7	(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	
()A5	Total SAR Inflows	24.7	W1	Redlands Aqueduct Weir	17.7	(+K2)	Northfork Parshall Flume	0.0	
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	1.0	
I1	Redlands Tunnel	0.1	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	0.0	
J1	⁸ Big Bear Lake Release	1.2	(+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	24.7	
L1	SCE SAR AVM (SCADA)	24.2							
				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	
Mill Creek				(+I3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	16.0
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.0	
(+A3)	RPU Flow	9.1	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boulliou to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	12.5	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	5.6	
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	21.6	
(Σ)D3	Total MC Inflows	21.6	(+C3)	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	21.6	
E3	M/C #1 Penstock Flow	21.6	(Σ)O3	SBVWCD Spreading	0.0	V3	Zanja West Weir to CWC Canal	3.4	
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0	
G3	Observation at Garnet Bridge	0.0							
H3			I3	Mentone Reser. Level (23.0)	21.0	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	0		I4	39	10,000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4			O4	0		
B4	Santa Ana River	SWP	F4			J4	0		
C4	Mill Creek	MC	G4	0		K4	116	8,889	
D4	Mill Creek	SWP	H4	20		L4	388		
	SBVMWD	SWP							
	WMWD	SWP							

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						Time: 0730			
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	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	6.8	(+R)	¹ Tate Treatment Plant	0.0	
(+D)	Purchased Water	6.8	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0	
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	4.9	(+T)	¹ Newport for BVMWC	0.0	
(+F)	Recharge Project	4.9	(+M)	¹ Crafton Unger Lane	0.0	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	11.7	(+N)	¹ BVMWC Boullioun Box	0.0	(Σ)V	Total SWP Deliveries	11.7	
Santa Ana River				SOD Reservoir Elevation	2150.00	Debris Pool Elevation	2200.00		
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Flow Rate (cfs)		
(+A1)	PH #3 Penstock (CALC)	15.1	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.4	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	4.4	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	2.0	
(+F1)	Greenspot Spill	0.0	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+)(Σ)D2	Boullioun Box Weir	6.4	
A4	SAR Inflow-SubTotal-1	21.5	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)		0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	2.9	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	0.0	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.4	
Z1	SOD ReleaseSubTotal D1+E1	2.9	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	0.0	
(Σ)G1	SubTotal 1+2 SAR Inflows	24.4	(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	
()A5	Total SAR Inflows	24.4	W1	Redlands Aqueduct Weir	19.2	(+K2)	Northfork Parshall Flume	0.0	
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	0.0	
I1	Redlands Tunnel	1.2	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	0.0	
J1	⁸ Big Bear Lake Release	1.2	(+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	24.4	
L1	SCE SAR AVM (SCADA)	22.4							
				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	
Mill Creek				(+I3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	17.7
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.0	
(+A3)	RPU Flow	8.9	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	12.2	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	3.4	
(+C3)	SBVWCD Mill Creek Diversion	1.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	21.1	
(Σ)D3	Total MC Inflows	22.1	(+C3)	Mill Creek Diversion (MC)	1.0	U3	Total MC Deliveries	22.1	
E3	M/C #1 Penstock Flow	22.1	(Σ)O3	SBVWCD Spreading	1.0	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	4.0	
G3	Observation at Garnet Bridge	0.0							
H3			I3	Mentone Reser. Level (23.0)	20.0	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	0		I4	39	10,000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4			O4	0		
B4	Santa Ana River	SWP	F4			J4	0		
C4	Mill Creek	MC	G4	2		K4	118	8,889	
D4	Mill Creek	SWP	H4	29		L4	417		
	SBVMWD	SWP							
	WMWD	SWP							

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						Time: 0730			
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	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	6.6	(+R)	¹ Tate Treatment Plant	0.0	
(+D)	Purchased Water	6.6	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0	
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	4.9	(+T)	¹ Newport for BVMWC	0.0	
(+F)	Recharge Project	4.9	(+M)	¹ Crafton Unger Lane	0.0	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	11.5	(+N)	¹ BVMWC Boullioun Box	0.0	(Σ)V	Total SWP Deliveries	11.5	
Santa Ana River				SOD Reservoir Elevation	2150.00	Debris Pool Elevation	2200.00		
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Flow Rate (cfs)		
(+A1)	PH #3 Penstock (CALC)	20.2	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.3	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	3.4	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	2.9	
(+F1)	Greenspot Spill	0.0	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+)(Σ)D2	Boullioun Box Weir	6.3	
A4	SAR Inflow-SubTotal-1	26.5	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)		0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	2.9	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	0.0	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.3	
Z1	SOD ReleaseSubTotal D1+E1	2.9	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	0.0	
(Σ)G1	SubTotal 1+2 SAR Inflows	29.4	(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	
()A5	Total SAR Inflows	29.4	W1	Redlands Aqueduct Weir	24.3	(+K2)	Northfork Parshall Flume	0.0	
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	0.0	
I1	Redlands Tunnel	1.2	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	0.0	
J1	⁸ Big Bear Lake Release	1.2	(+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	29.4	
L1	SCE SAR AVM (SCADA)	25.3							
				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	
Mill Creek				(+I3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	17.4
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.0	
(+A3)	RPU Flow	9.0	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	11.8	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	3.4	
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	20.8	
(Σ)D3	Total MC Inflows	20.8	(+C3)	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	20.8	
E3	M/C #1 Penstock Flow	20.8	(Σ)O3	SBVWCD Spreading	0.0	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	4.1	
G3	Observation at Garnet Bridge	1.0							
H3			I3	Mentone Reser. Level (23.0)	20.5	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	0		I4	39	10,000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4			O4	0		
B4	Santa Ana River	SWP	F4			J4	0		
C4	Mill Creek	MC	G4	0		K4	118	8,889	
D4	Mill Creek	SWP	H4	10		L4	427		
	SBVMWD	SWP							
	WMWD	SWP							

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				Daily Flow Report		Date: November 17, 2010			
						Time: 0730			
State Water Project						Revised 1/27/2010			
	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	6.6	(+R)	¹ Tate Treatment Plant	0.0	
(+D)	Purchased Water	6.6	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0	
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	5.0	(+T)	¹ Newport for BVMWC	0.0	
(+F)	Recharge Project	5.0	(+M)	¹ Crafton Unger Lane	0.0	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	11.6	(+N)	¹ BVMWC Boulliou Box	0.0	(Σ)V	Total SWP Deliveries	11.6	
Santa Ana River				SOD Reservoir Elevation	2154.20	Debris Pool Elevation	2200.00		
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Flow Rate (cfs)		
(+A1)	PH #3 Penstock (CALC)	15.7	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.3	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	3.2	
(+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	6.3	
A4	SAR Inflow-SubTotal-1	22.0	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)		0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	3.0	(+R1)	BVMWC Highline to Boulliou	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	0.0	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1	BVMWC Highline	6.3	
Z1	SOD ReleaseSubTotal D1+E1	3.0	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	0.0	
(Σ)G1	SubTotal 1+2 SAR Inflows	25.0	(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	
()A5	Total SAR Inflows	25.0	W1	Redlands Aqueduct Weir	19.9	(+K2)	Northfork Parshall Flume	0.0	
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	0.0	
I1	Redlands Tunnel	1.2	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	0.0	
J1	⁸ Big Bear Lake Release	1.2	(+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	25.0	
L1	SCE SAR AVM (SCADA)	24.9							
				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	
Mill Creek				(+I3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	17.4
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.0	
(+A3)	RPU Flow	9.0	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boulliou to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	11.9	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	3.5	
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	20.9	
(Σ)D3	Total MC Inflows	20.9	(+C3)	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	20.9	
E3	M/C #1 Penstock Flow	20.9	(Σ)O3	SBVWCD Spreading	0.0	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	4.0	
G3	Observation at Garnet Bridge	1.5							
H3			I3	Mentone Reser. Level (23.0)	21.1	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	0		I4	39	10,000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4			O4	0		
B4	Santa Ana River	SWP	F4			J4	0		
C4	Mill Creek	MC	G4	0		K4	118	8,889	
D4	Mill Creek	SWP	H4	10		L4	437		
	SBVMWD	SWP							
	WMWD	SWP							

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						Time: 0700			
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	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	7.6	(+R)	¹ Tate Treatment Plant	0.0	
(+D)	Purchased Water	7.6	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0	
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	5.1	(+T)	¹ Newport for BVMWC	0.0	
(+F)	Recharge Project	5.1	(+M)	¹ Crafton Unger Lane	0.0	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	12.7	(+N)	¹ BVMWC Boulliou Box	0.0	(Σ)V	Total SWP Deliveries	12.7	
Santa Ana River				SOD Reservoir Elevation	NA	Debris Pool Elevation	2200.00		
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Flow Rate (cfs)		
(+A1)	PH #3 Penstock (CALC)	14.7	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.4	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	1.9	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	4.5	
(+F1)	Greenspot Spill	0.0	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+)(Σ)D2	Boulliou Box Weir	6.4	
A4	SAR Inflow-SubTotal-1	21.1	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)		0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	3.0	(+R1)	BVMWC Highline to Boulliou	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	0.0	(+S1)	Crafton WC Boulliou	0.0	(Σ)B1	BVMWC Highline	6.4	
Z1	SOD ReleaseSubTotal D1+E1	3.0	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	0.0	
(Σ)G1	SubTotal 1+2 SAR Inflows	24.1	(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	
()A5	Total SAR Inflows	24.1	W1	Redlands Aqueduct Weir	17.9	(+K2)	Northfork Parshall Flume	0.0	
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	1.0	
I1	Redlands Tunnel	1.2	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	0.0	
J1	⁸ Big Bear Lake Release	1.2	(+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)	23.8							
				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	
Mill Creek				(+I3)	Yucaipa Regional Park	0.0	(+P3)	Tate Inflow	17.1
	Inflows	Flow Rate (cfs)	(+J3)	Wilson Creek Spreading	0.0	(+Q3)	East Weir to Mill Creek	0.0	
(+A3)	RPU Flow	8.7	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boulliou to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	11.8	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	3.4	
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	20.5	
(Σ)D3	Total MC Inflows	20.5	(+C3)	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	20.5	
E3	M/C #1 Penstock Flow	20.5	(Σ)O3	SBVWCD Spreading	0.0	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	2.0	
G3	Observation at Garnet Bridge	1.0							
H3			I3	Mentone Reser. Level (23.0)	20.5	Y3	Crafton Reser. Level (21.3)	15.7	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)			WY To Date (AF)	Target	
A4	Santa Ana River	SAR	E4	0		I4	39	10,000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4			O4	0		
B4	Santa Ana River	SWP	F4			J4	0		
C4	Mill Creek	MC	G4	0		K4	118	8,889	
D4	Mill Creek	SWP	H4	10		L4	457		
	SBVMWD	SWP							
	WMWD	SWP							

Santa Ana River-Mill Creek Cooperative Water Project									
				Daily Flow Report		Date: November 18, 2010			
						Time: 0700			
State Water Project						Revised 1/27/2010			
	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	7.6	(+R)	¹ Tate Treatment Plant	0.0	
(+D)	Purchased Water	7.6	(+K)	¹ Edwards Canal	0.0	(+S)	¹ SBCFCD Grove	0.0	
(+E)	Redlands Aqueduct Leakage	0.0	(+L)	¹ Redlands Aqueduct	5.1	(+T)	¹ Newport for BVMWC	0.0	
(+F)	Recharge Project	5.1	(+M)	¹ Crafton Unger Lane	0.0	(+U)	¹ M/C spreading @ ZT	0.0	
(Σ)G	Total SWP Inflows	12.7	(+N)	¹ BVMWC Boullioun Box	0.0	(Σ)V	Total SWP Deliveries	12.7	
Santa Ana River				SOD Reservoir Elevation	NA	Debris Pool Elevation	2200.00		
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Flow Rate (cfs)		
(+A1)	PH #3 Penstock (CALC)	14.8	(+M1)	SBCFCD Grove	0.0	(+A2)	Newport	0.0	
(+B1)	BVMWC Highline	6.4	(+N1)	BVMWC Highline	0.0	(+B2)	Gay Overflow	3.9	
(+C1)	Greenspot Pipeline	0.0	(+O1)	Newport for BVMWC	0.0	(+C2)	Irrigation	2.5	
(+F1)	Greenspot Spill	0.0	(+P1)	SBVWCD Mill Creek Spreading	0.0	(+Σ)D2	Boullioun Box Weir	6.4	
A4	SAR Inflow-SubTotal-1	21.2	(+Q1)	Crafton WC Unger Lane	0.0	(+E2)		0.0	
(+D1)	BVMWC Rvr PU-USGS, Flume	3.0	(+R1)	BVMWC Highline to Boullioun	0.0	(+F2)	SBVWCD Mill Creek Spread	0.0	
(+E1)	Main River Gage (USGS)	0.0	(+S1)	Crafton WC Boullioun	0.0	(Σ)B1	BVMWC Highline	6.4	
Z1	SOD ReleaseSubTotal D1+E1	3.0	(+T1)	Tate Pump Station to Zanja	0.0	(+G2)	Northfork Canal Weir	0.0	
(Σ)G1	SubTotal 1+2 SAR Inflows	24.2	(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	0.0	(+J2)	Tailrace Valve	0.0	
()A5	Total SAR Inflows	24.2	W1	Redlands Aqueduct Weir	17.9	(+K2)	Northfork Parshall Flume	0.0	
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ)I2	Tailrace Pipeline	1.1	
I1	Redlands Tunnel	1.2	Y1	Redlands Sandbox Spill	0.0	(+L2)	SBVWCD Parshall FlumeTo Basins	0.0	
J1	⁸ Big Bear Lake Release	1.2	(+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	24.2	
L1	SCE SAR AVM (SCADA)	23.8							
				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	
Mill Creek				(+I3)	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	8.7	(Σ)K3	Yucaipa Pipeline	0.0	(+R3)	Boullioun to BVMWC Highline	0.0	
(+B3)	M/C #3 Penstock	11.8	(+L3)	East Weir (MC)	0.0	(+S3)	East Weir to Zanja	3.5	
(+C3)	SBVWCD Mill Creek Diversion	0.0	(+M3)	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	20.5	
(Σ)D3	Total MC Inflows	20.5	(+C3)	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries	20.5	
E3	M/C #1 Penstock Flow	20.5	(Σ)O3	SBVWCD Spreading	0.0	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	2.0	
G3	Observation at Garnet Bridge	1.0							
H3			I3	Mentone Reser. Level (23.0)	21.9	Y3	Crafton Reser. Level (21.3)	15.7	
SBVWCD Recharge									
	Location	Type		Previous Day (AF)			WY To Date (AF)	Target	
A4	Santa Ana River	SAR	E4	0		I4	39	10,000	
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4			O4	0		
B4	Santa Ana River	SWP	F4			J4	0		
C4	Mill Creek	MC	G4	0		K4	118	8,889	
D4	Mill Creek	SWP	H4	10		L4	447		
	SBVMWD	SWP							
	WMWD	SWP							