

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report				Date: January 31, 2012
							Time: 0745
State Water Project							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	¹ EVWD Treatment Plant	0.0	(+)P	¹ SARC West
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	¹ Santa Ana Low Turnout	0.0	(+)Q	¹ Zanja
(+)C	Exchange Water	0.0	(+)J	¹ Northfork Canal	0.0	(+)R	¹ Tate Treatment Plant
(+)D	Purchased Water	0.0	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	0.0	(+)T	¹ Newport for BVMWC
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	0.0	(+)U	¹ M/C spreading @ ZT
(Σ)G	Total SWP Inflows	0.0	(+)N	¹ BVMWC Boullioun Box	0.0		
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries
Santa Ana River				SOD Reservoir Elevation	2191.32		Debris Pool Elevation
							2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	24.7	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport
(+)B1	BVMWC Highline	4.5	1.0	BVMWC Highline	0.0	(+)B2	Gay Overflow
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	Irrigation
(+)F1	Greenspot Spill	0.8	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir
A4	SAR Inflow-SubTotal-1	30.0	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja
(+)D1	BVMWC Rvr PU-USGS, Flume	3.5	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread
(+)E1	Main River Gage (USGS)	0.0	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline
Z1	SOD ReleaseSubTotal D1+E1	3.5	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir
(Σ)G1	SubTotal 1+2 SAR Inflows	33.5	(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	4.0	(+) J2	Tailrace Valve
(Σ)A5	Total SAR Inflows	33.5	W1	Redlands Aqueduct / Sandbox	24.4	(+)K2	Northfork Parshall Flume
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline
I1	Redlands Tunnel	0.9	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins
J1	^a Big Bear Lake Release	1.3	(+)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)	31.3					
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek
(+) A3	RPU Flow	10.5	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline
(+) B3	M/C #3 Penstock	8.9	(+)L3	East Weir (MC)	8.0	(+)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	19.4	(+)C3	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries
E3	M/C #1 Penstock Flow	19.4	(Σ)O3	SBVWCD Spreading	8.0	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	2.0					
H3			I3	Mentone Reser. Level (23.0)	20.3	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	692	10400/30000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0	
B4	Santa Ana River	SWP	F4	0	J4	0	
C4	Mill Creek	MC	G4	16	K4	2,399	18,000
D4	Mill Creek	SWP	H4	0	L4	0	714
	SBVMWD	SWP		0		0	
	WMWD	SWP					
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge ¹⁸
	Mill Creek Passing Garnet	MC	2	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹
Flow in the River Above Alabama		Total	2	Flowing Beyond Alabama	0		Total River Recharge

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report				Date: January 30, 2012
							Time: 0745
State Water Project							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	¹ EVWD Treatment Plant	0.0	(+)P	¹ SARC West
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	¹ Santa Ana Low Turnout	0.0	(+)Q	¹ Zanja
(+)C	Exchange Water	0.0	(+)J	¹ Northfork Canal	0.0	(+)R	¹ Tate Treatment Plant
(+)D	Purchased Water	0.0	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	0.0	(+)T	¹ Newport for BVMWC
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	0.0	(+)U	¹ M/C spreading @ ZT
(Σ)G	Total SWP Inflows	0.0	(+)N	¹ BVMWC Boullioun Box	0.0		
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries
Santa Ana River				SOD Reservoir Elevation	2191.18		Debris Pool Elevation
							2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	21.2	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport
(+)B1	BVMWC Highline	4.5	1.0	BVMWC Highline	0.0	(+)B2	Gay Overflow
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	Irrigation
(+)F1	Greenspot Spill	1.3	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir
A4	SAR Inflow-SubTotal-1	27.0	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja
(+)D1	BVMWC Rvr PU-USGS, Flume	3.5	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread
(+)E1	Main River Gage (USGS)	0.0	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline
Z1	SOD ReleaseSubTotal D1+E1	3.5	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir
(Σ)G1	SubTotal 1+2 SAR Inflows	30.5	(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	4.0	(+) J2	Tailrace Valve
(Σ)A5	Total SAR Inflows	30.5	W1	Redlands Aqueduct / Sandbox	20.2	(+)K2	Northfork Parshall Flume
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline
I1	Redlands Tunnel	0.9	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins
J1	^a Big Bear Lake Release	1.3	(+)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)	31.7					
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek
(+) A3	RPU Flow	10.5	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline
(+) B3	M/C #3 Penstock	8.6	(+)L3	East Weir (MC)	8.0	(+)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	19.1	(+)C3	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries
E3	M/C #1 Penstock Flow	19.1	(Σ)O3	SBVWCD Spreading	8.0	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	2.0					
H3			I3	Mentone Reser. Level (23.0)	20.4	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	692	10400/30000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0	
B4	Santa Ana River	SWP	F4	0	J4	0	
C4	Mill Creek	MC	G4	48	K4	2,383	18,000
D4	Mill Creek	SWP	H4	0	L4	0	714
	SBVMWD	SWP		0		0	
	WMWD	SWP					
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge ¹⁸
	Mill Creek Passing Garnet	MC	2	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹
Flow in the River Above Alabama		Total	2	Flowing Beyond Alabama	0		Total River Recharge

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report				Date: January 27, 2012
							Time: 0730
State Water Project							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	¹ EVWD Treatment Plant	0.0	(+)P	¹ SARC West
(+)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	0.0	(+)R	¹ Tate Treatment Plant
(+)D	Purchased Water	0.0	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	0.0	(+)T	¹ Newport for BVMWC
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	0.0	(+)U	¹ M/C spreading @ ZT
(Σ)G	Total SWP Inflows	0.0	(+)N	¹ BVMWC Boullioun Box	0.0		0.0
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries
Santa Ana River				SOD Reservoir Elevation	2190.78		Debris Pool Elevation
							2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	23.4	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport
(+)B1	BVMWC Highline	4.5	1.0	BVMWC Highline	0.0	(+)B2	Gay Overflow
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	Irrigation
(+)F1	Greenspot Spill	0.5	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir
A4	SAR Inflow-SubTotal-1	28.4	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja
(+)D1	BVMWC Rvr PU-USGS, Flume	4.0	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread
(+)E1	Main River Gage (USGS)	0.0	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline
Z1	SOD ReleaseSubTotal D1+E1	4.0	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir
(Σ)G1	SubTotal 1+2 SAR Inflows	32.4	(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	6.0	(+) J2	Tailrace Valve
(Σ)A5	Total SAR Inflows	32.4	W1	Redlands Aqueduct / Sandbox	20.4	(+)K2	Northfork Parshall Flume
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline
I1	Redlands Tunnel	0.9	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins
J1	^a Big Bear Lake Release	1.3	(+)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)	32.4					32.4
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek
(+) A3	RPU Flow	10.5	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline
(+) B3	M/C #3 Penstock	9.8	(+)L3	East Weir (MC)	9.0	(+)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	20.3	(+)C3	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries
E3	M/C #1 Penstock Flow	20.3	(Σ)O3	SBVWCD Spreading	9.0	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	2.0					
H3			I3	Mentone Reser. Level (23.0)	21.1	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	692	10400/30000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0	
B4	Santa Ana River	SWP	F4	0	J4	0	
C4	Mill Creek	MC	G4	18	K4	2,335	18,000
D4	Mill Creek	SWP	H4	0	L4	0	714
	SBVMWD	SWP		0		0	
	WMWD	SWP					
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge ¹⁸
	Mill Creek Passing Garnet	MC	2	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹
	Flow in the River Above Alabama	Total	2	Flowing Beyond Alabama	0		Total River Recharge

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report				Date: January 26, 2012
							Time: 0745
State Water Project							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	¹ EVWD Treatment Plant	0.0	(+)P	¹ SARC West
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	¹ Santa Ana Low Turnout	0.0	(+)Q	¹ Zanja
(+)C	Exchange Water	0.0	(+)J	¹ Northfork Canal	0.0	(+)R	¹ Tate Treatment Plant
(+)D	Purchased Water	0.0	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	0.0	(+)T	¹ Newport for BVMWC
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	0.0	(+)U	¹ M/C spreading @ ZT
(Σ)G	Total SWP Inflows	0.0	(+)N	¹ BVMWC Boullioun Box	0.0		
				Observation at SOD	2190.79	(Σ)V	Total SWP Deliveries
Santa Ana River				SOD Reservoir Elevation	2190.64		Debris Pool Elevation
							2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	21.9	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport
(+)B1	BVMWC Highline	4.5	1.0	BVMWC Highline	0.0	(+)B2	Gay Overflow
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	Irrigation
(+)F1	Greenspot Spill	1.2	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir
A4	SAR Inflow-SubTotal-1	27.6	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja
(+)D1	BVMWC Rvr PU-USGS, Flume	3.5	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread
(+)E1	Main River Gage (USGS)	0.0	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline
Z1	SOD ReleaseSubTotal D1+E1	3.5	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir
(Σ)G1	SubTotal 1+2 SAR Inflows	31.1	(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	5.0	(+) J2	Tailrace Valve
(Σ)A5	Total SAR Inflows	31.1	W1	Redlands Aqueduct / Sandbox	20.3	(+)K2	Northfork Parshall Flume
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline
I1	Redlands Tunnel	0.9	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins
J1	^a Big Bear Lake Release	1.3	(+)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)	32.7					
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek
(+) A3	RPU Flow	10.7	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline
(+) B3	M/C #3 Penstock	9.3	(+)L3	East Weir (MC)	12.0	(+)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	20.0	(+)C3	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries
E3	M/C #1 Penstock Flow	20.0	(Σ)O3	SBVWCD Spreading	12.0	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	2.0					
H3			I3	Mentone Reser. Level (23.0)	19.8	Y3	Crafton Reser. Level (21.3)
SBVWCD Recharge							
	Location	Type		Previous Day (AF)		WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4	0	I4	692	10400/30000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0	
B4	Santa Ana River	SWP	F4	0	J4	0	
C4	Mill Creek	MC	G4	26	K4	2,317	18,000
D4	Mill Creek	SWP	H4	0	L4	0	714
	SBVMWD	SWP		0		0	
	WMWD	SWP					
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge ¹⁸
	Mill Creek Passing Garnet	MC	2	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹
	Flow in the River Above Alabama	Total	2	Flowing Beyond Alabama	0		Total River Recharge

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report				Date: January 25, 2012
							Time: 0745
State Water Project							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	¹ EVWD Treatment Plant	0.0	(+)P	¹ SARC West
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	¹ Santa Ana Low Turnout	0.0	(+)Q	¹ Zanja
(+)C	Exchange Water	0.0	(+)J	¹ Northfork Canal	0.0	(+)R	¹ Tate Treatment Plant
(+)D	Purchased Water	0.0	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	0.0	(+)T	¹ Newport for BVMWC
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	0.0	(+)U	¹ M/C spreading @ ZT
(Σ)G	Total SWP Inflows	0.0	(+)N	¹ BVMWC Boullioun Box	0.0		
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries
Santa Ana River				SOD Reservoir Elevation	2190.49		Debris Pool Elevation
							2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	23.2	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport
(+)B1	BVMWC Highline	4.5	1.0	BVMWC Highline	0.0	(+)B2	Gay Overflow
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	Irrigation
(+)F1	Greenspot Spill	1.2	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir
A4	SAR Inflow-SubTotal-1	28.9	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja
(+)D1	BVMWC Rvr PU-USGS, Flume	3.5	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread
(+)E1	Main River Gage (USGS)	0.0	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline
Z1	SOD ReleaseSubTotal D1+E1	3.5	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir
(Σ)G1	SubTotal 1+2 SAR Inflows	32.4	(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	5.0	(+) J2	Tailrace Valve
(Σ)A5	Total SAR Inflows	32.4	W1	Redlands Aqueduct / Sandbox	20.5	(+)K2	Northfork Parshall Flume
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline
I1	Redlands Tunnel	0.6	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins
J1	^a Big Bear Lake Release	1.3	(+)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)	34.7					
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek
(+) A3	RPU Flow	11.0	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline
(+) B3	M/C #3 Penstock	9.6	(+)L3	East Weir (MC)	18.0	(+)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	20.6	(+)C3	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries
E3	M/C #1 Penstock Flow	20.6	(Σ)O3	SBVWCD Spreading	18.0	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	2.0					
H3			I3	Mentone Reser. Level (23.0)	20.5	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	692	10400/30000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0	
B4	Santa Ana River	SWP	F4	0	J4	0	
C4	Mill Creek	MC	G4	36	K4	2,292	18,000
D4	Mill Creek	SWP	H4	0	L4	0	714
	SBVMWD	SWP		0		0	
	WMWD	SWP					
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge ¹⁸
	Mill Creek Passing Garnet	MC	2	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹
	Flow in the River Above Alabama	Total	2	Flowing Beyond Alabama	0		Total River Recharge

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report				Date: January 24, 2012
							Time: 0745
State Water Project							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	¹ EVWD Treatment Plant	0.0	(+)P	¹ SARC West
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	¹ Santa Ana Low Turnout	0.0	(+)Q	¹ Zanja
(+)C	Exchange Water	0.0	(+)J	¹ Northfork Canal	0.0	(+)R	¹ Tate Treatment Plant
(+)D	Purchased Water	0.0	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	0.0	(+)T	¹ Newport for BVMWC
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	0.0	(+)U	¹ M/C spreading @ ZT
(Σ)G	Total SWP Inflows	0.0	(+)N	¹ BVMWC Boullioun Box	0.0		
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries
Santa Ana River				SOD Reservoir Elevation	2190.33		Debris Pool Elevation
							2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	30.4	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport
(+)B1	BVMWC Highline	4.5	1.0	BVMWC Highline	0.0	(+)B2	Gay Overflow
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	Irrigation
(+)F1	Greenspot Spill	1.1	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir
A4	SAR Inflow-SubTotal-1	36.0	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja
(+)D1	BVMWC Rvr PU-USGS, Flume	3.5	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread
(+)E1	Main River Gage (USGS)	0.0	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline
Z1	SOD ReleaseSubTotal D1+E1	3.5	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir
(Σ)G1	SubTotal 1+2 SAR Inflows	39.5	(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	15.7	(+) J2	Tailrace Valve
(Σ)A5	Total SAR Inflows	39.5	W1	Redlands Aqueduct / Sandbox	18.6	(+)K2	Northfork Parshall Flume
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline
I1	Redlands Tunnel	0.6	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins
J1	^a Big Bear Lake Release	1.3	(+)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)	37.2					
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek
(+) A3	RPU Flow	11.2	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline
(+) B3	M/C #3 Penstock	11.8	(+)L3	East Weir (MC)	18.0	(+)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	23.0	(+)C3	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries
E3	M/C #1 Penstock Flow	23.0	(Σ)O3	SBVWCD Spreading	18.0	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	2.0					
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	692	10400/30000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0	
B4	Santa Ana River	SWP	F4	0	J4	0	
C4	Mill Creek	MC	G4	36	K4	2,256	18,000
D4	Mill Creek	SWP	H4	0	L4	0	714
	SBVMWD	SWP		0		0	
	WMWD	SWP					
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge ¹⁸
	Mill Creek Passing Garnet	MC	2	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹
	Flow in the River Above Alabama	Total	2	Flowing Beyond Alabama	0		Total River Recharge

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report				Date: January 23, 2012
							Time: 0745
State Water Project							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	¹ EVWD Treatment Plant	0.0	(+)P	¹ SARC West
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	¹ Santa Ana Low Turnout	0.0	(+)Q	¹ Zanja
(+)C	Exchange Water	0.0	(+)J	¹ Northfork Canal	0.0	(+)R	¹ Tate Treatment Plant
(+)D	Purchased Water	0.0	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	0.0	(+)T	¹ Newport for BVMWC
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	0.0	(+)U	¹ M/C spreading @ ZT
(Σ)G	Total SWP Inflows	0.0	(+)N	¹ BVMWC Boullioun Box	0.0		
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries
Santa Ana River				SOD Reservoir Elevation	2190.10		Debris Pool Elevation
							2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	26.2	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport
(+)B1	BVMWC Highline	4.5	1.0	BVMWC Highline	0.0	(+)B2	Gay Overflow
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	Irrigation
(+)F1	Greenspot Spill	0.3	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir
A4	SAR Inflow-SubTotal-1	31.0	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja
(+)D1	BVMWC Rvr PU-USGS, Flume	3.5	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread
(+)E1	Main River Gage (USGS)	0.0	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline
Z1	SOD ReleaseSubTotal D1+E1	3.5	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir
(Σ)G1	SubTotal 1+2 SAR Inflows	34.5	(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	4.0	(+) J2	Tailrace Valve
(Σ)A5	Total SAR Inflows	34.5	W1	Redlands Aqueduct / Sandbox	24.5	(+)K2	Northfork Parshall Flume
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline
I1	Redlands Tunnel	0.2	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins
J1	^a Big Bear Lake Release	1.5	(+)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)	33.9					
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek
(+) A3	RPU Flow	9.9	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline
(+) B3	M/C #3 Penstock	11.8	(+)L3	East Weir (MC)	17.0	(+)S3	East Weir to Zanja
(+) C3	SBVWCD Mill Creek Diversion	1.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)
(Σ) D3	Total MC Inflows	22.7	(+)C3	Mill Creek Diversion (MC)	1.0	U3	Total MC Deliveries
E3	M/C #1 Penstock Flow	21.7	(Σ)O3	SBVWCD Spreading	18.0	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	2.0					
H3			I3	Mentone Reser. Level (23.0)	21.6	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	692	10400/30000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0	
B4	Santa Ana River	SWP	F4	0	J4	0	
C4	Mill Creek	MC	G4	10	K4	2,220	18,000
D4	Mill Creek	SWP	H4	0	L4	0	714
	SBVMWD	SWP		0		0	
	WMWD	SWP					
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge ¹⁸
	Mill Creek Passing Garnet	MC	2	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹
Flow in the River Above Alabama		Total	2	Flowing Beyond Alabama	0		Total River Recharge

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report				Date: January 20, 2012
							Time: 0745
State Water Project							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	¹ EVWD Treatment Plant	0.0	(+)P	¹ SARC West
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	¹ Santa Ana Low Turnout	0.0	(+)Q	¹ Zanja
(+)C	Exchange Water	0.0	(+)J	¹ Northfork Canal	0.0	(+)R	¹ Tate Treatment Plant
(+)D	Purchased Water	0.0	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	0.0	(+)T	¹ Newport for BVMWC
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	0.0	(+)U	¹ M/C spreading @ ZT
(Σ)G	Total SWP Inflows	0.0	(+)N	¹ BVMWC Boullioun Box	0.0		
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries
Santa Ana River				SOD Reservoir Elevation	2189.51		Debris Pool Elevation
							2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	24.5	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport
(+)B1	BVMWC Highline	4.5	1.0	BVMWC Highline	0.0	(+)B2	Gay Overflow
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	Irrigation
(+)F1	Greenspot Spill	0.3	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir
A4	SAR Inflow-SubTotal-1	29.3	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja
(+)D1	BVMWC Rvr PU-USGS, Flume	3.5	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread
(+)E1	Main River Gage (USGS)	0.0	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline
Z1	SOD ReleaseSubTotal D1+E1	3.5	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir
(Σ)G1	SubTotal 1+2 SAR Inflows	32.8	(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	2.0	(+) J2	Tailrace Valve
(Σ)A5	Total SAR Inflows	32.8	W1	Redlands Aqueduct / Sandbox	23.6	(+)K2	Northfork Parshall Flume
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline
I1	Redlands Tunnel	0.2	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins
J1	^a Big Bear Lake Release	1.5	(+)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)	31.0					
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek
(+) A3	RPU Flow	9.7	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline
(+) B3	M/C #3 Penstock	11.8	(+)L3	East Weir (MC)	17.1	(+)S3	East Weir to Zanja
(+) C3	SBVWCD Mill Creek Diversion	0.9	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)
(Σ) D3	Total MC Inflows	22.4	(+)C3	Mill Creek Diversion (MC)	0.9	U3	Total MC Deliveries
E3	M/C #1 Penstock Flow	21.5	(Σ)O3	SBVWCD Spreading	18.0	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	2.0					
H3			I3	Mentone Reser. Level (23.0)	22.6	Y3	Crafton Reser. Level (21.3)
SBVWCD Recharge							
	Location	Type		Previous Day (AF)			WY To Date (AF)
A4	Santa Ana River	SAR	E4	0		I4	692
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	36		K4	2,210
D4	Mill Creek	SWP	H4	0		L4	0
	SBVMWD	SWP		0			0
	WMWD	SWP					
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge ¹⁸
	Mill Creek Passing Garnet	MC	2	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹
Flow in the River Above Alabama		Total	2	Flowing Beyond Alabama	0		Total River Recharge

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report				Date: January 19, 2012
							Time: 0745
State Water Project							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	¹ EVWD Treatment Plant	0.0	(+)P	¹ SARC West
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	¹ Santa Ana Low Turnout	0.0	(+)Q	¹ Zanja
(+)C	Exchange Water	0.0	(+)J	¹ Northfork Canal	0.0	(+)R	¹ Tate Treatment Plant
(+)D	Purchased Water	0.0	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	0.0	(+)T	¹ Newport for BVMWC
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	0.0	(+)U	¹ M/C spreading @ ZT
(Σ)G	Total SWP Inflows	0.0	(+)N	¹ BVMWC Boullioun Box	0.0		
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries
Santa Ana River				SOD Reservoir Elevation	2189.33		Debris Pool Elevation
							2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	24.3	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport
(+)B1	BVMWC Highline	4.5	1.0	BVMWC Highline	0.0	(+)B2	Gay Overflow
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	Irrigation
(+)F1	Greenspot Spill	0.5	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir
A4	SAR Inflow-SubTotal-1	29.3	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja
(+)D1	BVMWC Rvr PU-USGS, Flume	3.5	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread
(+)E1	Main River Gage (USGS)	0.0	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline
Z1	SOD ReleaseSubTotal D1+E1	3.5	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir
(Σ)G1	SubTotal 1+2 SAR Inflows	32.8	(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	2.3	(+) J2	Tailrace Valve
(Σ)A5	Total SAR Inflows	32.8	W1	Redlands Aqueduct / Sandbox	23.7	(+)K2	Northfork Parshall Flume
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline
I1	Redlands Tunnel	0.2	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins
J1	^a Big Bear Lake Release	1.5	(+)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)	31.2					
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek
(+) A3	RPU Flow	9.7	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline
(+) B3	M/C #3 Penstock	11.3	(+)L3	East Weir (MC)	18.0	(+)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	21.0	(+)C3	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries
E3	M/C #1 Penstock Flow	21.0	(Σ)O3	SBVWCD Spreading	18.0	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	2.0					
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	692	10400/30000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0	
B4	Santa Ana River	SWP	F4	0	J4	0	
C4	Mill Creek	MC	G4	36	K4	2,174	18,000
D4	Mill Creek	SWP	H4	0	L4	0	714
	SBVMWD	SWP		0		0	
	WMWD	SWP					
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge ¹⁸
	Mill Creek Passing Garnet	MC	2	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹
	Flow in the River Above Alabama	Total	2	Flowing Beyond Alabama	0		Total River Recharge

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report				Date: January 18, 2012
							Time: 0745
State Water Project							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	¹ EVWD Treatment Plant	0.0	(+)P	¹ SARC West
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	¹ Santa Ana Low Turnout	0.0	(+)Q	¹ Zanja
(+)C	Exchange Water	0.0	(+)J	¹ Northfork Canal	0.0	(+)R	¹ Tate Treatment Plant
(+)D	Purchased Water	0.0	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	0.0	(+)T	¹ Newport for BVMWC
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	0.0	(+)U	¹ M/C spreading @ ZT
(Σ)G	Total SWP Inflows	0.0	(+)N	¹ BVMWC Boullioun Box	0.0		
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries
Santa Ana River				SOD Reservoir Elevation	2189.19		Debris Pool Elevation
							2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	25.2	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport
(+)B1	BVMWC Highline	4.5	1.0	BVMWC Highline	0.0	(+)B2	Gay Overflow
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	Irrigation
(+)F1	Greenspot Spill	0.5	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir
A4	SAR Inflow-SubTotal-1	30.2	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja
(+)D1	BVMWC Rvr PU-USGS, Flume	3.5	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread
(+)E1	Main River Gage (USGS)	0.0	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline
Z1	SOD ReleaseSubTotal D1+E1	3.5	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir
(Σ)G1	SubTotal 1+2 SAR Inflows	33.7	(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	3.5	(+) J2	Tailrace Valve
(Σ)A5	Total SAR Inflows	33.7	W1	Redlands Aqueduct / Sandbox	23.7	(+)K2	Northfork Parshall Flume
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline
I1	Redlands Tunnel	0.2	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins
J1	^a Big Bear Lake Release	1.5	(+)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)	32.1					
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek
(+) A3	RPU Flow	9.7	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline
(+) B3	M/C #3 Penstock	11.8	(+)L3	East Weir (MC)	16.5	(+)S3	East Weir to Zanja
(+) C3	SBVWCD Mill Creek Diversion	0.5	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)
(Σ) D3	Total MC Inflows	22.0	(+)C3	Mill Creek Diversion (MC)	0.5	U3	Total MC Deliveries
E3	M/C #1 Penstock Flow	21.5	(Σ)O3	SBVWCD Spreading	17.0	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	2.0					
H3			I3	Mentone Reser. Level (23.0)	19.3	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	692	10400/30000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0	
B4	Santa Ana River	SWP	F4	0	J4	0	
C4	Mill Creek	MC	G4	34	K4	2,138	18,000
D4	Mill Creek	SWP	H4	0	L4	0	714
	SBVMWD	SWP		0		0	
	WMWD	SWP					
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge ¹⁸
	Mill Creek Passing Garnet	MC	2	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹
	Flow in the River Above Alabama	Total	2	Flowing Beyond Alabama	0		Total River Recharge

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report				Date: January 17, 2012
							Time: 0745
State Water Project							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	¹ EVWD Treatment Plant	0.0	(+)P	¹ SARC West
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	¹ Santa Ana Low Turnout	0.0	(+)Q	¹ Zanja
(+)C	Exchange Water	0.0	(+)J	¹ Northfork Canal	0.0	(+)R	¹ Tate Treatment Plant
(+)D	Purchased Water	0.0	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	0.0	(+)T	¹ Newport for BVMWC
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	0.0	(+)U	¹ M/C spreading @ ZT
(Σ)G	Total SWP Inflows	0.0	(+)N	¹ BVMWC Boullioun Box	0.0		
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries
Santa Ana River				SOD Reservoir Elevation	2189.06		Debris Pool Elevation
							2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	23.5	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport
(+)B1	BVMWC Highline	4.5	1.0	BVMWC Highline	0.0	(+)B2	Gay Overflow
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	Irrigation
(+)F1	Greenspot Spill	0.9	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir
A4	SAR Inflow-SubTotal-1	28.9	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja
(+)D1	BVMWC Rvr PU-USGS, Flume	3.5	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread
(+)E1	Main River Gage (USGS)	0.0	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline
Z1	SOD ReleaseSubTotal D1+E1	3.5	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir
(Σ)G1	SubTotal 1+2 SAR Inflows	32.4	(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	3.0	(+) J2	Tailrace Valve
(Σ)A5	Total SAR Inflows	32.4	W1	Redlands Aqueduct / Sandbox	23.8	(+)K2	Northfork Parshall Flume
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline
I1	Redlands Tunnel	0.2	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins
J1	^a Big Bear Lake Release	1.5	(+)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)	32.2					
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek
(+) A3	RPU Flow	9.7	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline
(+) B3	M/C #3 Penstock	11.2	(+)L3	East Weir (MC)	16.5	(+)S3	East Weir to Zanja
(+) C3	SBVWCD Mill Creek Diversion	0.5	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)
(Σ) D3	Total MC Inflows	21.4	(+)C3	Mill Creek Diversion (MC)	0.5	U3	Total MC Deliveries
E3	M/C #1 Penstock Flow	20.9	(Σ)O3	SBVWCD Spreading	17.0	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	2.0					
H3			I3	Mentone Reser. Level (23.0)	20.3	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	692	10400/30000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0	
B4	Santa Ana River	SWP	F4	0	J4	0	
C4	Mill Creek	MC	G4	123	K4	2,105	18,000
D4	Mill Creek	SWP	H4	0	L4	0	714
	SBVMWD	SWP		0		0	
	WMWD	SWP					
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge ¹⁸
	Mill Creek Passing Garnet	MC	2	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹
	Flow in the River Above Alabama	Total	2	Flowing Beyond Alabama	0		Total River Recharge

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report				Date: January 13, 2012
							Time: 0745
State Water Project							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	¹ EVWD Treatment Plant	0.0	(+)P	¹ SARC West
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	¹ Santa Ana Low Turnout	0.0	(+)Q	¹ Zanja
(+)C	Exchange Water	0.0	(+)J	¹ Northfork Canal	0.0	(+)R	¹ Tate Treatment Plant
(+)D	Purchased Water	0.0	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	0.0	(+)T	¹ Newport for BVMWC
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	0.0	(+)U	¹ M/C spreading @ ZT
(Σ)G	Total SWP Inflows	0.0	(+)N	¹ BVMWC Boullioun Box	0.0		
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries
Santa Ana River				SOD Reservoir Elevation	2188.49		Debris Pool Elevation
							2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	25.7	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport
(+)B1	BVMWC Highline	4.5	1.0	BVMWC Highline	0.0	(+)B2	Gay Overflow
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	Irrigation
(+)F1	Greenspot Spill	0.5	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir
A4	SAR Inflow-SubTotal-1	30.7	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja
(+)D1	BVMWC Rvr PU-USGS, Flume	3.5	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread
(+)E1	Main River Gage (USGS)	0.0	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline
Z1	SOD ReleaseSubTotal D1+E1	3.5	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir
(Σ)G1	SubTotal 1+2 SAR Inflows	34.2	(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	1.0	(+) J2	Tailrace Valve
(Σ)A5	Total SAR Inflows	34.2	W1	Redlands Aqueduct / Sandbox	22.1	(+)K2	Northfork Parshall Flume
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline
I1	Redlands Tunnel	0.4	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins
J1	^a Big Bear Lake Release	1.5	(+)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)	31.1					
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek
(+) A3	RPU Flow	10.7	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline
(+) B3	M/C #3 Penstock	11.9	(+)L3	East Weir (MC)	12.0	(+)S3	East Weir to Zanja
(+) C3	SBVWCD Mill Creek Diversion	2.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)
(Σ) D3	Total MC Inflows	24.6	(+)C3	Mill Creek Diversion (MC)	2.0	U3	Total MC Deliveries
E3	M/C #1 Penstock Flow	22.6	(Σ)O3	SBVWCD Spreading	14.0	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	2.0					
H3			I3	Mentone Reser. Level (23.0)	21.9	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	692	10400/30000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0	
B4	Santa Ana River	SWP	F4	0	J4	0	
C4	Mill Creek	MC	G4	29	K4	1,982	18,000
D4	Mill Creek	SWP	H4	0	L4	0	714
	SBVMWD	SWP		0		0	
	WMWD	SWP					
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge ¹⁸
	Mill Creek Passing Garnet	MC	2	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹
	Flow in the River Above Alabama	Total	2	Flowing Beyond Alabama	0		Total River Recharge

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report				Date: January 12, 2012
							Time: 0745
State Water Project							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	¹ EVWD Treatment Plant	0.0	(+)P	¹ SARC West
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	¹ Santa Ana Low Turnout	0.0	(+)Q	¹ Zanja
(+)C	Exchange Water	0.0	(+)J	¹ Northfork Canal	0.0	(+)R	¹ Tate Treatment Plant
(+)D	Purchased Water	0.0	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	0.0	(+)T	¹ Newport for BVMWC
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	0.0	(+)U	¹ M/C spreading @ ZT
(Σ)G	Total SWP Inflows	0.0	(+)N	¹ BVMWC Boullioun Box	0.0		
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries
Santa Ana River				SOD Reservoir Elevation	2188.33		Debris Pool Elevation
							2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	21.2	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport
(+)B1	BVMWC Highline	4.5	1.0	BVMWC Highline	0.0	(+)B2	Gay Overflow
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	Irrigation
(+)F1	Greenspot Spill	1.2	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir
A4	SAR Inflow-SubTotal-1	26.9	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja
(+)D1	BVMWC Rvr PU-USGS, Flume	3.5	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread
(+)E1	Main River Gage (USGS)	0.0	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline
Z1	SOD ReleaseSubTotal D1+E1	3.5	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir
(Σ)G1	SubTotal 1+2 SAR Inflows	30.4	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.0	(+) J2	Tailrace Valve
(Σ)A5	Total SAR Inflows	30.4	W1	Redlands Aqueduct / Sandbox	17.9	(+)K2	Northfork Parshall Flume
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline
I1	Redlands Tunnel	0.4	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins
J1	^a Big Bear Lake Release	1.5	(+)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)	29.2					
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek
(+) A3	RPU Flow	7.6	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline
(+) B3	M/C #3 Penstock	11.6	(+)L3	East Weir (MC)	17.0	(+)S3	East Weir to Zanja
(+) C3	SBVWCD Mill Creek Diversion	1.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)
(Σ) D3	Total MC Inflows	20.2	(+)C3	Mill Creek Diversion (MC)	1.0	U3	Total MC Deliveries
E3	M/C #1 Penstock Flow	19.2	(Σ)O3	SBVWCD Spreading	18.0	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	2.0					
H3			I3	Mentone Reser. Level (23.0)	20.2	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	692	10400/30000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0	O4	0	
B4	Santa Ana River	SWP	F4	0	J4	0	
C4	Mill Creek	MC	G4	33	K4	1,953	18,000
D4	Mill Creek	SWP	H4	0	L4	0	714
	SBVMWD	SWP		0		0	
	WMWD	SWP					
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge ¹⁸
	Mill Creek Passing Garnet	MC	2	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹
	Flow in the River Above Alabama	Total	2	Flowing Beyond Alabama	0		Total River Recharge

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report				Date: January 11, 2012
							Time: 0745
State Water Project							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	¹ EVWD Treatment Plant	0.0	(+)P	¹ SARC West
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	¹ Santa Ana Low Turnout	0.0	(+)Q	¹ Zanja
(+)C	Exchange Water	0.0	(+)J	¹ Northfork Canal	0.0	(+)R	¹ Tate Treatment Plant
(+)D	Purchased Water	0.0	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	0.0	(+)T	¹ Newport for BVMWC
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	0.0	(+)U	¹ M/C spreading @ ZT
(Σ)G	Total SWP Inflows	0.0	(+)N	¹ BVMWC Boullioun Box	0.0		
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries
Santa Ana River				SOD Reservoir Elevation	2188.13		Debris Pool Elevation
							2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	21.2	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport
(+)B1	BVMWC Highline	4.5	1.0	BVMWC Highline	0.0	(+)B2	Gay Overflow
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	Irrigation
(+)F1	Greenspot Spill	1.2	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir
A4	SAR Inflow-SubTotal-1	26.9	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja
(+)D1	BVMWC Rvr PU-USGS, Flume	3.5	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread
(+)E1	Main River Gage (USGS)	0.0	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline
Z1	SOD ReleaseSubTotal D1+E1	3.5	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir
(Σ)G1	SubTotal 1+2 SAR Inflows	30.4	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.0	(+) J2	Tailrace Valve
(Σ)A5	Total SAR Inflows	30.4	W1	Redlands Aqueduct / Sandbox	17.9	(+)K2	Northfork Parshall Flume
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline
I1	Redlands Tunnel	0.4	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins
J1	^a Big Bear Lake Release	1.5	(+)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)	29.4					
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek
(+) A3	RPU Flow	10.9	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline
(+) B3	M/C #3 Penstock	0.0	(+)L3	East Weir (MC)	5.0	(+)S3	East Weir to Zanja
(+) C3	SBVWCD Mill Creek Diversion	4.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)
(Σ) D3	Total MC Inflows	14.9	(+)C3	Mill Creek Diversion (MC)	4.0	U3	Total MC Deliveries
E3	M/C #1 Penstock Flow	10.9	(Σ)O3	SBVWCD Spreading	9.0	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	2.0					
H3			I3	Mentone Reser. Level (23.0)	19.7	Y3	Crafton Reser. Level (21.3)
SBVWCD Recharge							
	Location	Type		Previous Day (AF)			WY To Date (AF)
A4	Santa Ana River	SAR	E4	0		I4	692
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	1,920
D4	Mill Creek	SWP	H4	0		L4	0
	SBVMWD	SWP		0			0
	WMWD	SWP					
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge ¹⁸
	Mill Creek Passing Garnet	MC	2	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹
	Flow in the River Above Alabama	Total	2	Flowing Beyond Alabama	0		Total River Recharge

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report				Date: January 10, 2012
							Time: 0700
State Water Project							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	¹ EVWD Treatment Plant	0.0	(+)P	¹ SARC West
(+)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	0.0	(+)R	¹ Tate Treatment Plant
(+)D	Purchased Water	0.0	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	0.0	(+)T	¹ Newport for BVMWC
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	0.0	(+)U	¹ M/C spreading @ ZT
(Σ)G	Total SWP Inflows	0.0	(+)N	¹ BVMWC Boullioun Box	0.0		
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries
Santa Ana River				SOD Reservoir Elevation	2187.91		Debris Pool Elevation
							2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	21.2	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport
(+)B1	BVMWC Highline	4.5	1.0	BVMWC Highline	0.0	(+)B2	Gay Overflow
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	Irrigation
(+)F1	Greenspot Spill	1.2	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir
A4	SAR Inflow-SubTotal-1	26.9	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja
(+)D1	BVMWC Rvr PU-USGS, Flume	3.5	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread
(+)E1	Main River Gage (USGS)	0.0	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline
Z1	SOD ReleaseSubTotal D1+E1	3.5	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir
(Σ)G1	SubTotal 1+2 SAR Inflows	30.4	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.0	(+) J2	Tailrace Valve
(Σ)A5	Total SAR Inflows	30.4	W1	Redlands Aqueduct / Sandbox	17.9	(+)K2	Northfork Parshall Flume
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline
I1	Redlands Tunnel	0.4	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins
J1	^a Big Bear Lake Release	1.5	(+)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)	29.3					
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek
(+) A3	RPU Flow	7.8	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline
(+) B3	M/C #3 Penstock	11.4	(+)L3	East Weir (MC)	16.9	(+)S3	East Weir to Zanja
(+) C3	SBVWCD Mill Creek Diversion	2.1	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)
(Σ) D3	Total MC Inflows	21.3	(+)C3	Mill Creek Diversion (MC)	2.1	U3	Total MC Deliveries
E3	M/C #1 Penstock Flow	19.2	(Σ)O3	SBVWCD Spreading	19.0	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	2.0					
H3			I3	Mentone Reser. Level (23.0)	20.0	Y3	Crafton Reser. Level (21.3)
SBVWCD Recharge							
	Location	Type		Previous Day (AF)			WY To Date (AF)
A4	Santa Ana River	SAR	E4	0		I4	692
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	30		K4	1,904
D4	Mill Creek	SWP	H4	0		L4	0
	SBVMWD	SWP		0			0
	WMWD	SWP					
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge ¹⁸
	Mill Creek Passing Garnet	MC	2	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹
Flow in the River Above Alabama		Total	2	Flowing Beyond Alabama	0		Total River Recharge

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report				Date: January 9, 2012
							Time: 0745
State Water Project							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	¹ EVWD Treatment Plant	0.0	(+)P	¹ SARC West
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	¹ Santa Ana Low Turnout	0.0	(+)Q	¹ Zanja
(+)C	Exchange Water	0.0	(+)J	¹ Northfork Canal	0.0	(+)R	¹ Tate Treatment Plant
(+)D	Purchased Water	0.0	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	0.0	(+)T	¹ Newport for BVMWC
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	0.0	(+)U	¹ M/C spreading @ ZT
(Σ)G	Total SWP Inflows	0.0	(+)N	¹ BVMWC Boullioun Box	0.0		
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries
Santa Ana River				SOD Reservoir Elevation	2187.68		Debris Pool Elevation
							2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	20.3	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport
(+)B1	BVMWC Highline	4.5	1.0	BVMWC Highline	0.0	(+)B2	Gay Overflow
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	Irrigation
(+)F1	Greenspot Spill	1.1	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir
A4	SAR Inflow-SubTotal-1	25.9	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja
(+)D1	BVMWC Rvr PU-USGS, Flume	3.5	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread
(+)E1	Main River Gage (USGS)	0.0	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline
Z1	SOD ReleaseSubTotal D1+E1	3.5	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir
(Σ)G1	SubTotal 1+2 SAR Inflows	29.4	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.0	(+) J2	Tailrace Valve
(Σ)A5	Total SAR Inflows	29.4	W1	Redlands Aqueduct / Sandbox	18.5	(+)K2	Northfork Parshall Flume
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline
I1	Redlands Tunnel	0.4	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins
J1	^a Big Bear Lake Release	1.5	(+)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)	27.7					
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek
(+) A3	RPU Flow	10.1	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline
(+) B3	M/C #3 Penstock	10.3	(+)L3	East Weir (MC)	8.0	(+)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	20.4	(+)C3	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries
E3	M/C #1 Penstock Flow	20.4	(Σ)O3	SBVWCD Spreading	8.0	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	2.0					
H3			I3	Mentone Reser. Level (23.0)	19.7	Y3	Crafton Reser. Level (21.3)
SBVWCD Recharge							
	Location	Type		Previous Day (AF)			WY To Date (AF)
A4	Santa Ana River	SAR	E4	0		I4	692
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	71		K4	1,875
D4	Mill Creek	SWP	H4	0		L4	0
	SBVMWD	SWP		0			0
	WMWD	SWP					
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge ¹⁸
	Mill Creek Passing Garnet	MC	2	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹
	Flow in the River Above Alabama	Total	2	Flowing Beyond Alabama	0		Total River Recharge

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report				Date: January 6, 2012
							Time: 0745
State Water Project							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	¹ EVWD Treatment Plant	0.0	(+)P	¹ SARC West
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	¹ Santa Ana Low Turnout	0.0	(+)Q	¹ Zanja
(+)C	Exchange Water	0.0	(+)J	¹ Northfork Canal	0.0	(+)R	¹ Tate Treatment Plant
(+)D	Purchased Water	0.0	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	0.0	(+)T	¹ Newport for BVMWC
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	0.0	(+)U	¹ M/C spreading @ ZT
(Σ)G	Total SWP Inflows	0.0	(+)N	¹ BVMWC Boullioun Box	0.0		
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries
Santa Ana River				SOD Reservoir Elevation	2186.95		Debris Pool Elevation
							2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	20.8	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport
(+)B1	BVMWC Highline	4.5	1.0	BVMWC Highline	0.0	(+)B2	Gay Overflow
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	Irrigation
(+)F1	Greenspot Spill	1.3	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir
A4	SAR Inflow-SubTotal-1	26.6	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja
(+)D1	BVMWC Rvr PU-USGS, Flume	3.5	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread
(+)E1	Main River Gage (USGS)	0.0	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline
Z1	SOD ReleaseSubTotal D1+E1	3.5	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir
(Σ)G1	SubTotal 1+2 SAR Inflows	30.1	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.0	(+) J2	Tailrace Valve
(Σ)A5	Total SAR Inflows	30.1	W1	Redlands Aqueduct / Sandbox	17.9	(+)K2	Northfork Parshall Flume
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline
I1	Redlands Tunnel	0.4	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins
J1	^a Big Bear Lake Release	1.5	(+)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)	28.3					
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek
(+) A3	RPU Flow	10.4	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline
(+) B3	M/C #3 Penstock	11.1	(+)L3	East Weir (MC)	17.0	(+)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	21.5	(+)C3	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries
E3	M/C #1 Penstock Flow	21.5	(Σ)O3	SBVWCD Spreading	17.0	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	2.0					
H3			I3	Mentone Reser. Level (23.0)	18.6	Y3	Crafton Reser. Level (21.3)
SBVWCD Recharge							
	Location	Type		Previous Day (AF)			WY To Date (AF)
A4	Santa Ana River	SAR	E4	0		I4	692
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	34		K4	1,803
D4	Mill Creek	SWP	H4	0		L4	0
	SBVMWD	SWP		0			0
	WMWD	SWP					
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge ¹⁸
	Mill Creek Passing Garnet	MC	2	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹
Flow in the River Above Alabama		Total	2	Flowing Beyond Alabama	0		Total River Recharge

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report				Date: January 5, 2012
							Time: 0745
State Water Project							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	¹ EVWD Treatment Plant	0.0	(+)P	¹ SARC West
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	¹ Santa Ana Low Turnout	0.0	(+)Q	¹ Zanja
(+)C	Exchange Water	0.0	(+)J	¹ Northfork Canal	0.0	(+)R	¹ Tate Treatment Plant
(+)D	Purchased Water	0.0	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	0.0	(+)T	¹ Newport for BVMWC
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	0.0	(+)U	¹ M/C spreading @ ZT
(Σ)G	Total SWP Inflows	0.0	(+)N	¹ BVMWC Boullioun Box	0.0		
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries
Santa Ana River				SOD Reservoir Elevation	2186.70		Debris Pool Elevation
							2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	20.9	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport
(+)B1	BVMWC Highline	4.5	1.0	BVMWC Highline	0.0	(+)B2	Gay Overflow
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	Irrigation
(+)F1	Greenspot Spill	1.4	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir
A4	SAR Inflow-SubTotal-1	26.8	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja
(+)D1	BVMWC Rvr PU-USGS, Flume	3.5	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread
(+)E1	Main River Gage (USGS)	0.0	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline
Z1	SOD ReleaseSubTotal D1+E1	3.5	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir
(Σ)G1	SubTotal 1+2 SAR Inflows	30.3	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.0	(+) J2	Tailrace Valve
(Σ)A5	Total SAR Inflows	30.3	W1	Redlands Aqueduct / Sandbox	18.0	(+)K2	Northfork Parshall Flume
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline
I1	Redlands Tunnel	0.4	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins
J1	^a Big Bear Lake Release	1.5	(+)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)	28.3					
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek
(+) A3	RPU Flow	9.7	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline
(+) B3	M/C #3 Penstock	12.0	(+)L3	East Weir (MC)	16.0	(+)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	21.7	(+)C3	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries
E3	M/C #1 Penstock Flow	21.7	(Σ)O3	SBVWCD Spreading	16.0	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	2.0					
H3			I3	Mentone Reser. Level (23.0)	19.2	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	692	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	1,771	18,000
D4	Mill Creek	SWP	H4	0	L4	0	714
	SBVMWD	SWP		0		0	
	WMWD	SWP					
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge ¹⁸
	Mill Creek Passing Garnet	MC	2	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹
	Flow in the River Above Alabama	Total	2	Flowing Beyond Alabama	0		Total River Recharge

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report				Date: January 4, 2012
							Time: 0745
State Water Project							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	¹ EVWD Treatment Plant	0.0	(+)P	¹ SARC West
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	¹ Santa Ana Low Turnout	0.0	(+)Q	¹ Zanja
(+)C	Exchange Water	0.0	(+)J	¹ Northfork Canal	0.0	(+)R	¹ Tate Treatment Plant
(+)D	Purchased Water	0.0	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	0.0	(+)T	¹ Newport for BVMWC
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	0.0	(+)U	¹ M/C spreading @ ZT
(Σ)G	Total SWP Inflows	0.0	(+)N	¹ BVMWC Boullioun Box	0.0		
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries
Santa Ana River				SOD Reservoir Elevation	2186.47		Debris Pool Elevation
							2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	20.8	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport
(+)B1	BVMWC Highline	4.5	1.0	BVMWC Highline	0.0	(+)B2	Gay Overflow
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	Irrigation
(+)F1	Greenspot Spill	1.4	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir
A4	SAR Inflow-SubTotal-1	26.7	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja
(+)D1	BVMWC Rvr PU-USGS, Flume	3.5	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread
(+)E1	Main River Gage (USGS)	0.0	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline
Z1	SOD ReleaseSubTotal D1+E1	3.5	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir
(Σ)G1	SubTotal 1+2 SAR Inflows	30.2	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.0	(+) J2	Tailrace Valve
(Σ)A5	Total SAR Inflows	30.2	W1	Redlands Aqueduct / Sandbox	18.4	(+)K2	Northfork Parshall Flume
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline
I1	Redlands Tunnel	0.4	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins
J1	^a Big Bear Lake Release	1.5	(+)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)	28.5					
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek
(+) A3	RPU Flow	10.3	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline
(+) B3	M/C #3 Penstock	12.3	(+)L3	East Weir (MC)	10.0	(+)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	22.6	(+)C3	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries
E3	M/C #1 Penstock Flow	22.6	(Σ)O3	SBVWCD Spreading	10.0	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	2.0					
H3			I3	Mentone Reser. Level (23.0)	19.6	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	692	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	20	K4	1,739	18,000
D4	Mill Creek	SWP	H4	0	L4	0	714
	SBVMWD	SWP		0		0	
	WMWD	SWP					
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge ¹⁸
	Mill Creek Passing Garnet	MC	2	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹
Flow in the River Above Alabama		Total	2	Flowing Beyond Alabama	0		Total River Recharge

Santa Ana River-Mill Creek Cooperative Water Project							
			Daily Flow Report				Date: January 3, 2012
							Time: 0945
State Water Project							
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	¹ EVWD Treatment Plant	0.0	(+)P	¹ SARC West
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	¹ Santa Ana Low Turnout	0.0	(+)Q	¹ Zanja
(+)C	Exchange Water	0.0	(+)J	¹ Northfork Canal	0.0	(+)R	¹ Tate Treatment Plant
(+)D	Purchased Water	0.0	(+)K	¹ Edwards Canal	0.0	(+)S	¹ SBCFCD Grove
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	¹ Redlands Aqueduct	0.0	(+)T	¹ Newport for BVMWC
(+)F	Recharge Project	0.0	(+)M	¹ Crafton Unger Lane	0.0	(+)U	¹ M/C spreading @ ZT
(Σ)G	Total SWP Inflows	0.0	(+)N	¹ BVMWC Boullioun Box	0.0		
				Observation at SOD	NA	(Σ)V	Total SWP Deliveries
Santa Ana River				SOD Reservoir Elevation	2186.23		Debris Pool Elevation
							2200.00
	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	20.8	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport
(+)B1	BVMWC Highline	3.8	1.0	BVMWC Highline	0.0	(+)B2	Gay Overflow
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	Irrigation
(+)F1	Greenspot Spill	2.2	(+)P1	SBVWCD Mill Creek Spreading	0.0	(+)ΣD2	Boullioun Box Weir
A4	SAR Inflow-SubTotal-1	26.8	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja
(+)D1	BVMWC Rvr PU-USGS, Flume	3.4	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread
(+)E1	Main River Gage (USGS)	0.0	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	BVMWC Highline
Z1	SOD ReleaseSubTotal D1+E1	3.4	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir
(Σ)G1	SubTotal 1+2 SAR Inflows	30.2	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.0	(+) J2	Tailrace Valve
(Σ)A5	Total SAR Inflows	30.2	W1	Redlands Aqueduct / Sandbox	19.6	(+)K2	Northfork Parshall Flume
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	Tailrace Pipeline
I1	Redlands Tunnel	0.4	Y1	Redlands Sandbox Spill	0.0	(+) L2	SBVWCD Parshall FlumeTo Basins
J1	^a Big Bear Lake Release	1.7	(+)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)	28.5					
				Deliveries	Flow Rate (cfs)	Deliveries	Flow Rate (cfs)
Mill Creek			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek
(+) A3	RPU Flow	11.3	(Σ)K3	Yucaipa Pipeline	0.0	(+)R3	Boullioun to BVMWC Highline
(+) B3	M/C #3 Penstock	10.7	(+)L3	East Weir (MC)	9.0	(+)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	22.0	(+)C3	Mill Creek Diversion (MC)	0.0	U3	Total MC Deliveries
E3	M/C #1 Penstock Flow	22.0	(Σ)O3	SBVWCD Spreading	9.0	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	2.0					
H3			I3	Mentone Reser. Level (23.0)	19.9	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	692	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	89	K4	1,719	18,000
D4	Mill Creek	SWP	H4	0	L4	0	714
	SBVMWD	SWP		0		0	
	WMWD	SWP					
	SAR Passing Cuttle Weir	SAR	0	Share of Lost Flow	0	SARP	Estimate SAR Recharge ¹⁸
	Mill Creek Passing Garnet	MC	2	Share of Lost Flow	0	MCRP	Estimate Mill Creek Recharge ¹⁹
	Flow in the River Above Alabama	Total	2	Flowing Beyond Alabama	0		Total River Recharge