Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: December 29, 2011

Time: 0745

State Water Project

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	[1]EVWD Treatment Plant	0.0	(+)P	[1]SARC West	0.0
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	[1]Santa Ana Low Turnout	0.0	(+)Q	[1]Zanja	0.0
(+)C	Exchange Water	0.0	(+)J	[1]Northfork Canal	0.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	0.0	(+)K	[1]Edwards Canal	0.0	(+)S	[1]SBCFCD Grove	0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	[1]Redlands Aqueduct	0.0	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	0.0	(+)M	[1]Crafton Unger Lane	0.0	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	0.0	(+)N	[1]BVMWC Boullioun Box	0.0			0.0
				Observation at SOD	NA	(Σ)V	**Total SWP Deliveries**	0.0
Santa Ana River				**SOD Reservoir Elevation**	2185.34		**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	0.0
(+)B1	BVMWC Highline	3.5	1.0	BVMWC Highline	0.0	(+)B2	*Gay Overflow*	1.8
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	*Irrigation*	1.7
(+)F1	Greenspot Spill	1.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	+)(Σ)D2	Boullioun Box Weir	3.5
A4	**SAR Inflow-SubTotal-1**	25.7	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja	0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	6.0	(+)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**	3.5
Z1	**SOD ReleaseSubTotal D1+E1**	6.0	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	6.1
(Σ)G1	**SubTotal 1+2 SAR Inflows**	31.7	(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
(Σ)A5	**Total SAR Inflows**	31.7	W1	Redlands Aqueduct / Sandbox	21.5	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	7.2
I1	Redlands Tunnel	0.5	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]Big Bear Lake Release	1.7	(+)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**	31.7
L1	SCE SAR AVM (SCADA)	29.5						

Mill Creek				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
	Inflows	Flow Rate (cfs)	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	0.0
(+) A3	RPU Flow	9.7	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	14.8
(+) B3	M/C #3 Penstock	11.4	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) C3	SBVWCD Mill Creek Diversion	0.2	(+)L3	East Weir (MC)	14.8	(+)S3	East Weir to Zanja	6.3
(Σ) D3	**Total MC Inflows**	21.3	(+)M3	BVHL (SAR)		(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	21.1
E3	M/C #1 Penstock Flow	21.1	(+)C3	Mill Creek Diversion (MC)	0.2	U3	**Total MC Deliveries**	21.3
F3	Stream Parshall Flume to Yucaipa	0.0	(Σ)O3	**SBVWCD Spreading**	15.0	V3	Zanja West Weir to CWC Canal	4.9
G3	Observation at Garnet Bridge	2.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
H3			I3	Mentone Reser. Level (23.0)	21.5	Y3	Crafton Reser. Level (21.3)	18.0

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	30	K4	1,630	18,000
D4	**Mill Creek**	**SWP**	H4	0	L4	0	714
	SBVMWD	**SWP**		0		0	
	WMWD	**SWP**					

	SAR Passing Cuttle Weir	**SAR**	0	**Share of Lost Flow**	0	**SARP**	**Estimate SAR Recharge [18]**	0
	Mill Creek Passing Garnet	**MC**	2	**Share of Lost Flow**	0	**MCRP**	**Estimate Mill Creek Recharge [19]**	2
	Flow in the River Above Alabama	**Total**	2	**Flowing Beyond Alabama**	0		**Total River Recharge**	2

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

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State Water Project

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	[1]EVWD Treatment Plant	0.0	(+)P	[1]SARC West	0.0
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	[1]Santa Ana Low Turnout	0.0	(+)Q	[1]Zanja	0.0
(+)C	Exchange Water	0.0	(+)J	[1]Northfork Canal	0.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	0.0	(+)K	[1]Edwards Canal	0.0	(+)S	[1]SBCFCD Grove	0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	[1]Redlands Aqueduct	0.0	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	0.0	(+)M	[1]Crafton Unger Lane	0.0	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	0.0	(+)N	[1]BVMWC Boullioun Box	0.0			0.0
				Observation at SOD	NA	(Σ)V	**Total SWP Deliveries**	0.0
Santa Ana River				**SOD Reservoir Elevation**	2185.09		**Debris Pool Elevation**	2200.00

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	20.4	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+)B1	BVMWC Highline	3.5	1.0	BVMWC Highline	0.0	(+)B2	*Gay Overflow*	1.4
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	*Irrigation*	2.1
(+)F1	Greenspot Spill	1.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	+)(Σ)D2	Boullioun Box Weir	3.5
A4	**SAR Inflow-SubTotal-1**	24.9	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja	0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	5.9	(+)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**	3.5
Z1	**SOD ReleaseSubTotal D1+E1**	5.9	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	6.6
(Σ)G1	**SubTotal 1+2 SAR Inflows**	30.8	(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
(Σ)A5	**Total SAR Inflows**	30.8	W1	Redlands Aqueduct / Sandbox	20.1	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	7.7
I1	Redlands Tunnel	0.5	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]Big Bear Lake Release	1.7	(+)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**	30.8
L1	SCE SAR AVM (SCADA)	29.6						

Mill Creek				**Deliveries**	Flow Rate (cfs)		**Deliveries**	Flow Rate (cfs)
	Inflows	Flow Rate (cfs)	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	0.0
(+) A3	RPU Flow	9.5	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	14.5
(+) B3	M/C #3 Penstock	10.5	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) C3	SBVWCD Mill Creek Diversion	0.5	(+)M3	BVHL (SAR)		(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	20.0
(Σ) D3	**Total MC Inflows**	20.5	(+)C3	Mill Creek Diversion (MC)	0.5	U3	**Total MC Deliveries**	20.5
E3	M/C #1 Penstock Flow	20.0	(Σ)O3	**SBVWCD Spreading**	15.0	V3	Zanja West Weir to CWC Canal	3.3
F3	Stream Parshall Flume to Yucaipa	0.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
G3	Observation at Garnet Bridge	2.0						
H3			I3	Mentone Reser. Level (23.0)	20.4	Y3	Crafton Reser. Level (21.3)	17.7

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	26		K4	1,600	18,000
D4	**Mill Creek**	SWP	H4	0		L4	0	714
	SBVMWD	SWP		0			0	
	WMWD	SWP						

	SAR Passing Cuttle Weir	SAR	0	**Share of Lost Flow**	0	SARP	**Estimate SAR Recharge** [18]	0
	Mill Creek Passing Garnet	MC	2	**Share of Lost Flow**	0	MCRP	**Estimate Mill Creek Recharge** [19]	2
	Flow in the River Above Alabama	Total	2	**Flowing Beyond Alabama**	0		**Total River Recharge**	2

Santa Ana River-Mill Creek Cooperative Water Project

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State Water Project

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	[1]EVWD Treatment Plant	0.0	(+)P	[1]SARC West	0.0
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	[1]Santa Ana Low Turnout	0.0	(+)Q	[1]Zanja	0.0
(+)C	Exchange Water	0.0	(+)J	[1]Northfork Canal	0.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	0.0	(+)K	[1]Edwards Canal	0.0	(+)S	[1]SBCFCD Grove	0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	[1]Redlands Aqueduct	0.0	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	0.0	(+)M	[1]Crafton Unger Lane	0.0	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	0.0	(+)N	[1]BVMWC Boullioun Box	0.0			0.0
				Observation at SOD	NA	(Σ)V	**Total SWP Deliveries**	0.0
Santa Ana River				**SOD Reservoir Elevation**	2184.83		**Debris Pool Elevation**	2200.00

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	22.1	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+)B1	BVMWC Highline	3.5	1.0	BVMWC Highline	0.0	(+)B2	*Gay Overflow*	0.9
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	*Irrigation*	2.6
(+)F1	Greenspot Spill	1.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	+)(Σ)D2	Boullioun Box Weir	3.5
A4	**SAR Inflow-SubTotal-1**	26.6	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja	0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	6.0	(+)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**	3.5
Z1	**SOD ReleaseSubTotal D1+E1**	6.0	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	7.9
(Σ)G1	**SubTotal 1+2 SAR Inflows**	32.6	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal	1.2
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.0	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	32.6	W1	Redlands Aqueduct / Sandbox	20.5	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	9.1
I1	Redlands Tunnel	0.5	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]Big Bear Lake Release	1.7	(+)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**	32.6
L1	SCE SAR AVM (SCADA)	30.0						

Mill Creek				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
	Inflows	Flow Rate (cfs)	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	13.5
(+) A3	RPU Flow	8.3	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	8.4
(+) B3	M/C #3 Penstock	13.6	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) C3	SBVWCD Mill Creek Diversion	1.6	(+)M3	BVHL (SAR)		(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	21.9
(Σ) D3	**Total MC Inflows**	23.5	(+)C3	Mill Creek Diversion (MC)	1.6	U3	**Total MC Deliveries**	23.5
E3	M/C #1 Penstock Flow	21.9	(Σ)O3	**SBVWCD Spreading**	10.0	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	2.0						
H3			I3	Mentone Reser. Level (23.0)	19.9	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	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	99		K4	1,570	18,000
D4	**Mill Creek**	SWP	H4	0		L4	0	714
	SBVMWD	SWP		0			0	
	WMWD	SWP						

	SAR Passing Cuttle Weir	SAR	0	**Share of Lost Flow**	0	SARP	**Estimate SAR Recharge [18]**	0
	Mill Creek Passing Garnet	MC	2	**Share of Lost Flow**	0	MCRP	**Estimate Mill Creek Recharge [19]**	2
	Flow in the River Above Alabama	Total	2	**Flowing Beyond Alabama**	0		**Total River Recharge**	2

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: December 22, 2011

Time: 0745

State Water Project

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	[1]EVWD Treatment Plant	0.0	(+)P	[1]SARC West	0.0
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	[1]Santa Ana Low Turnout	0.0	(+)Q	[1]Zanja	0.0
(+)C	Exchange Water	0.0	(+)J	[1]Northfork Canal	0.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	0.0	(+)K	[1]Edwards Canal	0.0	(+)S	[1]SBCFCD Grove	0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	[1]Redlands Aqueduct	0.0	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	0.0	(+)M	[1]Crafton Unger Lane	0.0	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	0.0	(+)N	[1]BVMWC Boullioun Box	0.0			0.0
				Observation at SOD	NA	(Σ)V	**Total SWP Deliveries**	0.0
Santa Ana River				**SOD Reservoir Elevation**	2183.53		**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	0.0
(+)B1	BVMWC Highline	3.5	1.0	BVMWC Highline	0.0	(+)B2	*Gay Overflow*	1.3
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	*Irrigation*	2.2
(+)F1	Greenspot Spill	1.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	+)(Σ)D2	Boullioun Box Weir	3.5
A4	**SAR Inflow-SubTotal-1**	29.0	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja	0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	6.0	(+)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**	3.5
Z1	**SOD ReleaseSubTotal D1+E1**	6.0	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	6.3
(Σ)G1	**SubTotal 1+2 SAR Inflows**	35.0	(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	2.0	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	35.0	W1	Redlands Aqueduct / Sandbox	22.7	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	7.4
I1	Redlands Tunnel	0.6	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]Big Bear Lake Release	1.7	(+)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**	35.0
L1	SCE SAR AVM (SCADA)	31.7						

Mill Creek				**Deliveries**	Flow Rate (cfs)		**Deliveries**	Flow Rate (cfs)
	Inflows	Flow Rate (cfs)	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	7.7
(+) A3	RPU Flow	9.2	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	11.8
(+) B3	M/C #3 Penstock	12.2	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) C3	SBVWCD Mill Creek Diversion	0.2	(+)L3	East Weir (MC)	11.8	(+)S3	East Weir to Zanja	1.9
(Σ) D3	**Total MC Inflows**	21.6	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	21.4
E3	M/C #1 Penstock Flow	21.4	(+)C3	Mill Creek Diversion (MC)	0.2	U3	**Total MC Deliveries**	21.6
F3	Stream Parshall Flume to Yucaipa	0.0	(Σ)O3	**SBVWCD Spreading**	12.0	V3	Zanja West Weir to CWC Canal	0.8
G3	Observation at Garnet Bridge	2.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
H3			I3	Mentone Reser. Level (23.0)	19.6	Y3	Crafton Reser. Level (21.3)	16.5

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	24		K4	1,471	18,000
D4	**Mill Creek**	SWP	H4	0		L4	0	714
	SBVMWD	SWP		0			0	
	WMWD	SWP						

	SAR Passing Cuttle Weir	SAR	0	**Share of Lost Flow**	0	SARP	**Estimate SAR Recharge [18]**	0
	Mill Creek Passing Garnet	MC	2	**Share of Lost Flow**	0	MCRP	**Estimate Mill Creek Recharge [19]**	2
	Flow in the River Above Alabama	Total	2	**Flowing Beyond Alabama**	0		**Total River Recharge**	2

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: December 21, 2011

Time: 0745

State Water Project

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	[1]EVWD Treatment Plant	0.0	(+)P	[1]SARC West	0.0
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	[1]Santa Ana Low Turnout	0.0	(+)Q	[1]Zanja	0.0
(+)C	Exchange Water	0.0	(+)J	[1]Northfork Canal	0.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	0.0	(+)K	[1]Edwards Canal	0.0	(+)S	[1]SBCFCD Grove	0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	[1]Redlands Aqueduct	0.0	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	0.0	(+)M	[1]Crafton Unger Lane	0.0	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	0.0	(+)N	[1]BVMWC Boullioun Box	0.0			0.0
				Observation at SOD	NA	(Σ)V	**Total SWP Deliveries**	0.0
Santa Ana River				**SOD Reservoir Elevation**	NA		**Debris Pool Elevation**	2200.00

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	25.8	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+)B1	BVMWC Highline	3.5	1.0	BVMWC Highline	0.0	(+)B2	*Gay Overflow*	2.0
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	*Irrigation*	1.5
(+)F1	Greenspot Spill	2.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	+)(Σ)D2	Boullioun Box Weir	3.5
A4	**SAR Inflow-SubTotal-1**	31.3	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja	0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	5.1	(+)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**	3.5
Z1	**SOD ReleaseSubTotal D1+E1**	5.1	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	6.3
(Σ)G1	**SubTotal 1+2 SAR Inflows**	36.4	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal	1.1
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	1.0	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	36.4	W1	Redlands Aqueduct / Sandbox	17.1	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	7.4
I1	Redlands Tunnel	0.6	Y1	Redlands Sandbox Spill	8.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]Big Bear Lake Release	1.7	(+)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**	36.4
L1	SCE SAR AVM (SCADA)	31.7						

Mill Creek				**Deliveries**	Flow Rate (cfs)		**Deliveries**	Flow Rate (cfs)
	Inflows	Flow Rate (cfs)	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	7.7
(+) A3	RPU Flow	11.2	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	11.5
(+) B3	M/C #3 Penstock	11.8	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) C3	SBVWCD Mill Creek Diversion	0.5	(+)M3	BVHL (SAR)	0.0	(+)S3	East Weir to Zanja	3.8
(Σ) D3	**Total MC Inflows**	23.5	(+)C3	Mill Creek Diversion (MC)	0.5	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	23.0
E3	M/C #1 Penstock Flow	23.0	(Σ)O3	**SBVWCD Spreading**	12.0	U3	**Total MC Deliveries**	23.5
F3	Stream Parshall Flume to Yucaipa	0.0				V3	Zanja West Weir to CWC Canal	1.2
G3	Observation at Garnet Bridge	2.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
H3			I3	Mentone Reser. Level (23.0)	19.3	Y3	Crafton Reser. Level (21.3)	17.5

SBVWCD Recharge							
	Location	**Type**		**Previous Day (AF)**		**WY To Date (AF)**	**Target**
A4	**Santa Ana River**	**SAR**	E4	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	24	K4	1,447	18,000
D4	**Mill Creek**	**SWP**	H4	0	L4	0	714
	SBVMWD	**SWP**		0		0	
	WMWD	**SWP**					

	SAR Passing Cuttle Weir	**SAR**	0	**Share of Lost Flow**	0	**SARP**	**Estimate SAR Recharge [18]**	0
	Mill Creek Passing Garnet	**MC**	2	**Share of Lost Flow**	0	**MCRP**	**Estimate Mill Creek Recharge [19]**	2
	Flow in the River Above Alabama	**Total**	2	**Flowing Beyond Alabama**	0		**Total River Recharge**	2

Santa Ana River-Mill Creek Cooperative Water Project

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State Water Project

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	[1]EVWD Treatment Plant	0.0	(+)P	[1]SARC West	0.0
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	[1]Santa Ana Low Turnout	0.0	(+)Q	[1]Zanja	0.0
(+)C	Exchange Water	0.0	(+)J	[1]Northfork Canal	0.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	0.0	(+)K	[1]Edwards Canal	0.0	(+)S	[1]SBCFCD Grove	0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	[1]Redlands Aqueduct	0.0	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	0.0	(+)M	[1]Crafton Unger Lane	0.0	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	0.0	(+)N	[1]BVMWC Boullioun Box	0.0			0.0
				Observation at SOD	NA	(Σ)V	**Total SWP Deliveries**	0.0
Santa Ana River				**SOD Reservoir Elevation**	2182.99		**Debris Pool Elevation**	2200.00

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	25.4	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+)B1	BVMWC Highline	3.5	1.0	BVMWC Highline	0.0	(+)B2	*Gay Overflow*	2.2
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	*Irrigation*	1.3
(+)F1	Greenspot Spill	0.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	+)(Σ)D2	Boullioun Box Weir	3.5
A4	**SAR Inflow-SubTotal-1**	28.9	(+)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**	3.5
Z1	**SOD ReleaseSubTotal D1+E1**	3.2	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	6.3
(Σ)G1	**SubTotal 1+2 SAR Inflows**	32.1	(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
(Σ)A5	**Total SAR Inflows**	32.1	W1	Redlands Aqueduct / Sandbox	13.9	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	7.3
I1	Redlands Tunnel	0.6	Y1	Redlands Sandbox Spill	8.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]Big Bear Lake Release	1.7	(+)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**	32.1
L1	SCE SAR AVM (SCADA)	31.3						

Mill Creek				**Deliveries**	Flow Rate (cfs)		**Deliveries**	Flow Rate (cfs)
	Inflows	Flow Rate (cfs)	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	7.7
(+) A3	RPU Flow	11.5	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	11.5
(+) B3	M/C #3 Penstock	11.2	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) C3	SBVWCD Mill Creek Diversion	0.5	(+)L3	East Weir (MC)	11.5	(+)S3	East Weir to Zanja	3.5
(Σ) D3	**Total MC Inflows**	23.2	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	22.7
E3	M/C #1 Penstock Flow	22.7	(+)C3	Mill Creek Diversion (MC)	0.5	U3	**Total MC Deliveries**	23.2
F3	Stream Parshall Flume to Yucaipa	0.0	(Σ)O3	**SBVWCD Spreading**	12.0	V3	Zanja West Weir to CWC Canal	1.7
G3	Observation at Garnet Bridge	2.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
H3			I3	Mentone Reser. Level (23.0)	20.8	Y3	Crafton Reser. Level (21.3)	18.4

SBVWCD Recharge

	Location	Type		Previous Day (AF)			WY To Date (AF)	Target
A4	**Santa Ana River**	SAR	E4	2		I4	691	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	24		K4	1,424	18,000
D4	**Mill Creek**	SWP	H4	0		L4	0	714
	SBVMWD	SWP		0			0	
	WMWD	SWP						

	SAR Passing Cuttle Weir	SAR	0	**Share of Lost Flow**	0	SARP	**Estimate SAR Recharge [18]**	0
	Mill Creek Passing Garnet	MC	2	**Share of Lost Flow**	0	MCRP	**Estimate Mill Creek Recharge [19]**	2
	Flow in the River Above Alabama	Total	2	**Flowing Beyond Alabama**	0		**Total River Recharge**	2

Santa Ana River-Mill Creek Cooperative Water Project

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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	0.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	0.0	(+)K	[1]Edwards Canal	0.0	(+)S	[1]SBCFCD Grove	0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	[1]Redlands Aqueduct	0.0	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	0.0	(+)M	[1]Crafton Unger Lane	0.0	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	0.0	(+)N	[1]BVMWC Boullioun Box	0.0			0.0
				Observation at SOD	NA	(Σ)V	**Total SWP Deliveries**	0.0
Santa Ana River				**SOD Reservoir Elevation**	NA		**Debris Pool Elevation**	2200.00

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	29.1	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+)B1	BVMWC Highline	3.5	1.0	BVMWC Highline	0.0	(+)B2	*Gay Overflow*	1.4
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	*Irrigation*	2.1
(+)F1	Greenspot Spill	0.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	+)(Σ)D2	Boullioun Box Weir	3.5
A4	**SAR Inflow-SubTotal-1**	32.6	(+)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**	3.5
Z1	**SOD ReleaseSubTotal D1+E1**	3.2	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	6.1
(Σ)G1	**SubTotal 1+2 SAR Inflows**	35.8	(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	4.0
(Σ)A5	**Total SAR Inflows**	35.8	W1	Redlands Aqueduct / Sandbox	21.8	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	11.1
I1	Redlands Tunnel	0.6	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	4.0
J1	[a]Big Bear Lake Release	1.7	(+)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**	35.8
L1	SCE SAR AVM (SCADA)	34.5						

Mill Creek				**Deliveries**	Flow Rate (cfs)		**Deliveries**	Flow Rate (cfs)
	Inflows	Flow Rate (cfs)	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	10.5
(+) A3	RPU Flow	9.0	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	9.5
(+) B3	M/C #3 Penstock	11.5	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) C3	SBVWCD Mill Creek Diversion	0.5	(+)L3	East Weir (MC)	9.5	(+)S3	East Weir to Zanja	0.5
(Σ) D3	**Total MC Inflows**	21.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	20.5
E3	M/C #1 Penstock Flow	20.5	(+)C3	Mill Creek Diversion (MC)	0.5	U3	**Total MC Deliveries**	21.0
F3	Stream Parshall Flume to Yucaipa	0.0	(Σ)O3	**SBVWCD Spreading**	10.0	V3	Zanja West Weir to CWC Canal	0.0
G3	Observation at Garnet Bridge	2.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
H3			I3	Mentone Reser. Level (23.0)	19.7	Y3	Crafton Reser. Level (21.3)	19.0

SBVWCD Recharge

	Location	Type		Previous Day (AF)			WY To Date (AF)	Target
A4	**Santa Ana River**	SAR	E4	22		I4	690	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	60		K4	1,400	18,000
D4	**Mill Creek**	SWP	H4	0		L4	0	714
	SBVMWD	SWP		0			0	
	WMWD	SWP						

	SAR Passing Cuttle Weir	SAR	0	**Share of Lost Flow**	0	SARP	**Estimate SAR Recharge [18]**	0
	Mill Creek Passing Garnet	MC	2	**Share of Lost Flow**	0	MCRP	**Estimate Mill Creek Recharge [19]**	2
	Flow in the River Above Alabama	Total	2	**Flowing Beyond Alabama**	0		**Total River Recharge**	2

Santa Ana River-Mill Creek Cooperative Water Project

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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	0.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	0.0	(+)K	[1]Edwards Canal	0.0	(+)S	[1]SBCFCD Grove	0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	[1]Redlands Aqueduct	0.0	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	0.0	(+)M	[1]Crafton Unger Lane	0.0	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	0.0	(+)N	[1]BVMWC Boullioun Box	0.0			0.0
				Observation at SOD	NA	(Σ)V	**Total SWP Deliveries**	0.0
Santa Ana River				**SOD Reservoir Elevation**	NA		**Debris Pool Elevation**	2200.00

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	29.6	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+)B1	BVMWC Highline	3.5	1.0	BVMWC Highline	0.0	(+)B2	*Gay Overflow*	1.8
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	*Irrigation*	1.7
(+)F1	Greenspot Spill	0.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	+)(Σ)D2	Boullioun Box Weir	3.5
A4	**SAR Inflow-SubTotal-1**	33.1	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja	0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	3.3	(+)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**	3.5
Z1	**SOD ReleaseSubTotal D1+E1**	3.3	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	5.8
(Σ)G1	**SubTotal 1+2 SAR Inflows**	36.4	(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	4.0	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	36.4	W1	Redlands Aqueduct / Sandbox	17.8	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	5.8
I1	Redlands Tunnel	0.7	Y1	Redlands Sandbox Spill	6.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]Big Bear Lake Release	1.7	(+)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**	36.4
L1	SCE SAR AVM (SCADA)	35.4						

Mill Creek				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
	Inflows	Flow Rate (cfs)	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	10.0
(+) A3	RPU Flow	3.9	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	7.1
(+) B3	M/C #3 Penstock	13.2	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) C3	SBVWCD Mill Creek Diversion	1.9	(+)L3	East Weir (MC)	7.1	(+)S3	East Weir to Zanja	0.0
(Σ) D3	**Total MC Inflows**	19.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	17.1
E3	M/C #1 Penstock Flow	17.1	(+)C3	Mill Creek Diversion (MC)	1.9	U3	**Total MC Deliveries**	19.0
F3	Stream Parshall Flume to Yucaipa	0.0	(Σ)O3	**SBVWCD Spreading**	9.0	V3	Zanja West Weir to CWC Canal	0.0
G3	Observation at Garnet Bridge	3.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
H3			I3	Mentone Reser. Level (23.0)	22.5	Y3	Crafton Reser. Level (21.3)	17.4

SBVWCD Recharge

	Location	Type		Previous Day (AF)			WY To Date (AF)	Target
A4	**Santa Ana River**	SAR	E4	0		I4	668	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	18		K4	1,340	18,000
D4	**Mill Creek**	SWP	H4	0		L4	0	714
	SBVMWD	SWP		0			0	
	WMWD	SWP						

	SAR Passing Cuttle Weir	SAR	0	**Share of Lost Flow**	0	SARP	**Estimate SAR Recharge [18]**	0
	Mill Creek Passing Garnet	MC	3	**Share of Lost Flow**	0	MCRP	**Estimate Mill Creek Recharge [19]**	3
	Flow in the River Above Alabama	Total	3	**Flowing Beyond Alabama**	0		**Total River Recharge**	3

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: December 15, 2011

Time: 0745

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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	0.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	2.9	(+)K	[1]Edwards Canal	0.0	(+)S	[1]SBCFCD Grove	0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	[1]Redlands Aqueduct	0.0	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	0.0	(+)M	[1]Crafton Unger Lane	0.0	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	2.9	(+)N	[1]BVMWC Boullioun Box	2.9			0.0
				Observation at SOD	NA	(Σ)V	**Total SWP Deliveries**	2.9
Santa Ana River				**SOD Reservoir Elevation**	2181.52		**Debris Pool Elevation**	2200.00

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	24.4	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+)B1	BVMWC Highline	0.0	1.0	BVMWC Highline	0.0	(+)B2	*Gay Overflow*	0.0
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	*Irrigation*	0.0
(+)F1	Greenspot Spill	0.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	+)(Σ)D2	Boullioun Box Weir	0.0
A4	**SAR Inflow-SubTotal-1**	24.4	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja	0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	3.8	(+)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**	0.0
Z1	**SOD ReleaseSubTotal D1+E1**	3.8	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	5.7
(Σ)G1	**SubTotal 1+2 SAR Inflows**	28.2	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal	0.0
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.0	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	28.2	W1	Redlands Aqueduct / Sandbox	23.2	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	5.7
I1	Redlands Tunnel	0.7	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]Big Bear Lake Release	1.7	(+)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**	28.2
L1	SCE SAR AVM (SCADA)	28.3						

Mill Creek				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
	Inflows	Flow Rate (cfs)	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	11.0
(+) A3	RPU Flow	8.4	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	10.5
(+) B3	M/C #3 Penstock	13.3	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) C3	SBVWCD Mill Creek Diversion	0.5	(+)L3	East Weir (MC)	10.5	(+)S3	East Weir to Zanja	0.2
(Σ) D3	**Total MC Inflows**	22.2	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	21.7
E3	M/C #1 Penstock Flow	21.7	(+)C3	Mill Creek Diversion (MC)	0.5	U3	**Total MC Deliveries**	22.2
F3	Stream Parshall Flume to Yucaipa	0.0	(Σ)O3	**SBVWCD Spreading**	11.0	V3	Zanja West Weir to CWC Canal	0.0
G3	Observation at Garnet Bridge	2.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
H3			I3	Mentone Reser. Level (23.0)	22.5	Y3	Crafton Reser. Level (21.3)	18.4

SBVWCD Recharge							
	Location	**Type**		**Previous Day (AF)**		**WY To Date (AF)**	**Target**
A4	**Santa Ana River**	**SAR**	E4	0	I4	668	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	1,322	18,000
D4	**Mill Creek**	**SWP**	H4	0	L4	0	714
	SBVMWD	**SWP**		0		0	
	WMWD	**SWP**					

	SAR Passing Cuttle Weir	**SAR**	0	**Share of Lost Flow**	0	SARP	**Estimate SAR Recharge [18]**	0
	Mill Creek Passing Garnet	**MC**	2	**Share of Lost Flow**	0	MCRP	**Estimate Mill Creek Recharge [19]**	2
	Flow in the River Above Alabama	**Total**	2	**Flowing Beyond Alabama**	0		**Total River Recharge**	2

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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	0.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	3.0	(+)K	[1]Edwards Canal	0.0	(+)S	[1]SBCFCD Grove	0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	[1]Redlands Aqueduct	0.0	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	0.0	(+)M	[1]Crafton Unger Lane	0.0	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	3.0	(+)N	[1]BVMWC Boullioun Box	3.0			0.0
				Observation at SOD	NA	(Σ)V	**Total SWP Deliveries**	3.0
Santa Ana River				**SOD Reservoir Elevation**	2181.05		**Debris Pool Elevation**	2200.00

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	0.0	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+)B1	BVMWC Highline	0.0	1.0	BVMWC Highline	0.0	(+)B2	*Gay Overflow*	0.0
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	*Irrigation*	0.0
(+)F1	Greenspot Spill	0.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	+)(Σ)D2	Boullioun Box Weir	0.0
A4	**SAR Inflow-SubTotal-1**	0.0	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja	0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	3.4	(+)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**	0.0
Z1	**SOD ReleaseSubTotal D1+E1**	3.4	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	2.3
(Σ)G1	**SubTotal 1+2 SAR Inflows**	3.4	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal	1.1
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.0	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	3.4	W1	Redlands Aqueduct / Sandbox	0.7	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	3.4
I1	Redlands Tunnel	0.7	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]Big Bear Lake Release	1.7	(+)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**	3.4
L1	SCE SAR AVM (SCADA)	0.0						

Mill Creek				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
	Inflows	Flow Rate (cfs)	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	11.0
(+) A3	RPU Flow	8.0	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	8.5
(+) B3	M/C #3 Penstock	12.5	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) C3	SBVWCD Mill Creek Diversion	0.5	(+)L3	East Weir (MC)	8.5	(+)S3	East Weir to Zanja	1.0
(Σ) D3	**Total MC Inflows**	21.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	20.5
E3	M/C #1 Penstock Flow	20.5	(+)C3	Mill Creek Diversion (MC)	0.5	U3	**Total MC Deliveries**	21.0
F3	Stream Parshall Flume to Yucaipa	0.0	(Σ)O3	**SBVWCD Spreading**	9.0	V3	Zanja West Weir to CWC Canal	0.0
G3	Observation at Garnet Bridge	2.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
H3			I3	Mentone Reser. Level (23.0)	19.5	Y3	Crafton Reser. Level (21.3)	19.6

SBVWCD Recharge

	Location	Type		Previous Day (AF)			WY To Date (AF)	Target
A4	**Santa Ana River**	SAR	E4	0		I4	668	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	17		K4	1,301	18,000
D4	**Mill Creek**	SWP	H4	0		L4	0	714
	SBVMWD	SWP		0			0	
	WMWD	SWP						

	SAR Passing Cuttle Weir	SAR	0	**Share of Lost Flow**	0	SARP	**Estimate SAR Recharge [18]**	0
	Mill Creek Passing Garnet	MC	2	**Share of Lost Flow**	0	MCRP	**Estimate Mill Creek Recharge [19]**	2
	Flow in the River Above Alabama	Total	2	**Flowing Beyond Alabama**	0		**Total River Recharge**	2

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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	0.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	3.0	(+)K	[1]Edwards Canal	0.0	(+)S	[1]SBCFCD Grove	0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	[1]Redlands Aqueduct	0.0	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	0.0	(+)M	[1]Crafton Unger Lane	0.0	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	3.0	(+)N	[1]BVMWC Boullioun Box	3.0			0.0
				Observation at SOD	NA	(Σ)V	**Total SWP Deliveries**	3.0
Santa Ana River				**SOD Reservoir Elevation**	2180.40		**Debris Pool Elevation**	2200.00

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	33.6	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+)B1	BVMWC Highline	0.0	1.0	BVMWC Highline	0.0	(+)B2	*Gay Overflow*	0.0
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	*Irrigation*	0.0
(+)F1	Greenspot Spill	0.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	+)(Σ)D2	Boullioun Box Weir	0.0
A4	**SAR Inflow-SubTotal-1**	33.6	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja	0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	3.4	(+)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**	0.0
Z1	**SOD ReleaseSubTotal D1+E1**	3.4	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	8.5
(Σ)G1	**SubTotal 1+2 SAR Inflows**	37.0	(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	4.0	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	37.0	W1	Redlands Aqueduct / Sandbox	24.2	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	9.5
I1	Redlands Tunnel	0.7	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]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**	37.0
L1	SCE SAR AVM (SCADA)	35.7						

Mill Creek				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
	Inflows	Flow Rate (cfs)	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	13.2
(+) A3	RPU Flow	10.0	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	4.5
(+) B3	M/C #3 Penstock	13.8	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) C3	SBVWCD Mill Creek Diversion	0.5	(+)L3	East Weir (MC)	4.5	(+)S3	East Weir to Zanja	6.1
(Σ) D3	**Total MC Inflows**	24.3	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	23.8
E3	M/C #1 Penstock Flow	23.8	(+)C3	Mill Creek Diversion (MC)	0.5	U3	**Total MC Deliveries**	24.3
F3	Stream Parshall Flume to Yucaipa	0.0	(Σ)O3	**SBVWCD Spreading**	5.0	V3	Zanja West Weir to CWC Canal	3.5
G3	Observation at Garnet Bridge	2.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
H3			I3	Mentone Reser. Level (23.0)	20.0	Y3	Crafton Reser. Level (21.3)	19.8

SBVWCD Recharge							
	Location	**Type**		**Previous Day (AF)**		**WY To Date (AF)**	**Target**
A4	**Santa Ana River**	**SAR**	E4	0	I4	668	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	2	K4	1,284	18,000
D4	**Mill Creek**	**SWP**	H4	0	L4	0	714
	SBVMWD	**SWP**		0		0	
	WMWD	**SWP**					

	SAR Passing Cuttle Weir	**SAR**	0	**Share of Lost Flow**	0	**SARP**	**Estimate SAR Recharge [18]**	0
	Mill Creek Passing Garnet	**MC**	2	**Share of Lost Flow**	0	**MCRP**	**Estimate Mill Creek Recharge [19]**	2
	Flow in the River Above Alabama	**Total**	2	**Flowing Beyond Alabama**	0		**Total River Recharge**	2

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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	0.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	2.9	(+)K	[1]Edwards Canal	0.0	(+)S	[1]SBCFCD Grove	0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	[1]Redlands Aqueduct	0.0	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	0.0	(+)M	[1]Crafton Unger Lane	0.0	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	2.9	(+)N	[1]BVMWC Boullioun Box	2.9			0.0
				Observation at SOD	NA	(Σ)V	**Total SWP Deliveries**	2.9
Santa Ana River				**SOD Reservoir Elevation**	2180.13		**Debris Pool Elevation**	2200.00

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	32.3	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+)B1	BVMWC Highline	0.0	1.0	BVMWC Highline	0.0	(+)B2	*Gay Overflow*	0.0
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	*Irrigation*	0.0
(+)F1	Greenspot Spill	0.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	+)(Σ)D2	Boullioun Box Weir	0.0
A4	**SAR Inflow-SubTotal-1**	32.3	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja	0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	3.4	(+)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**	0.0
Z1	**SOD ReleaseSubTotal D1+E1**	3.4	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	7.6
(Σ)G1	**SubTotal 1+2 SAR Inflows**	35.7	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal	0.9
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	4.0	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	35.7	W1	Redlands Aqueduct / Sandbox	23.9	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	8.5
I1	Redlands Tunnel	0.7	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]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**	35.7
L1	SCE SAR AVM (SCADA)	33.3						

Mill Creek				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
	Inflows	Flow Rate (cfs)	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	13.2
(+) A3	RPU Flow	9.0	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	4.8
(+) B3	M/C #3 Penstock	13.0	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) C3	SBVWCD Mill Creek Diversion	1.2	(+)L3	East Weir (MC)	4.8	(+)S3	East Weir to Zanja	4.0
(Σ) D3	**Total MC Inflows**	23.2	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	22.0
E3	M/C #1 Penstock Flow	22.0	(+)C3	Mill Creek Diversion (MC)	1.2	U3	**Total MC Deliveries**	23.2
F3	Stream Parshall Flume to Yucaipa	0.0	(Σ)O3	**SBVWCD Spreading**	6.0	V3	Zanja West Weir to CWC Canal	0.8
G3	Observation at Garnet Bridge	2.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
H3			I3	Mentone Reser. Level (23.0)	20.5	Y3	Crafton Reser. Level (21.3)	17.5

SBVWCD Recharge							
	Location	**Type**		**Previous Day (AF)**		**WY To Date (AF)**	**Target**
A4	**Santa Ana River**	**SAR**	E4	0	I4	668	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	35	K4	1,283	18,000
D4	**Mill Creek**	**SWP**	H4	0	L4	0	714
	SBVMWD	**SWP**		0		0	
	WMWD	**SWP**					

	SAR Passing Cuttle Weir	**SAR**	0	**Share of Lost Flow**	0	**SARP**	**Estimate SAR Recharge [18]**	0
	Mill Creek Passing Garnet	**MC**	2	**Share of Lost Flow**	0	**MCRP**	**Estimate Mill Creek Recharge [19]**	2
	Flow in the River Above Alabama	**Total**	2	**Flowing Beyond Alabama**	0		**Total River Recharge**	2

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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	0.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	2.9	(+)K	[1]Edwards Canal	0.0	(+)S	[1]SBCFCD Grove	0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	[1]Redlands Aqueduct	0.0	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	0.0	(+)M	[1]Crafton Unger Lane	0.0	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	2.9	(+)N	[1]BVMWC Boullioun Box	2.9			0.0
				Observation at SOD	2179.70	(Σ)V	**Total SWP Deliveries**	2.9
Santa Ana River				**SOD Reservoir Elevation**	2179.48		**Debris Pool Elevation**	2200.00

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	30.9	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+)B1	BVMWC Highline	0.0	1.0	BVMWC Highline	0.0	(+)B2	*Gay Overflow*	0.0
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	*Irrigation*	0.0
(+)F1	Greenspot Spill	0.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	+)(Σ)D2	Boullioun Box Weir	0.0
A4	**SAR Inflow-SubTotal-1**	30.9	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja	0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	3.4	(+)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**	0.0
Z1	**SOD ReleaseSubTotal D1+E1**	3.4	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	7.6
(Σ)G1	**SubTotal 1+2 SAR Inflows**	34.3	(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	3.0	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	34.3	W1	Redlands Aqueduct / Sandbox	23.4	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	8.4
I1	Redlands Tunnel	0.5	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]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**	34.3
L1	SCE SAR AVM (SCADA)	33.1						

Mill Creek				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
	Inflows	Flow Rate (cfs)	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	11.6
(+) A3	RPU Flow	10.5	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	1.0
(+) B3	M/C #3 Penstock	13.1	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) C3	SBVWCD Mill Creek Diversion	2.0	(+)L3	East Weir (MC)	1.0	(+)S3	East Weir to Zanja	11.0
(Σ) D3	**Total MC Inflows**	25.6	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	23.6
E3	M/C #1 Penstock Flow	23.6	(+)C3	Mill Creek Diversion (MC)	2.0	U3	**Total MC Deliveries**	25.6
F3	Stream Parshall Flume to Yucaipa	0.0	(Σ)O3	**SBVWCD Spreading**	3.0	V3	Zanja West Weir to CWC Canal	7.2
G3	Observation at Garnet Bridge	2.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
H3			I3	Mentone Reser. Level (23.0)	20.8	Y3	Crafton Reser. Level (21.3)	18.5

SBVWCD Recharge							
	Location	**Type**		**Previous Day (AF)**		**WY To Date (AF)**	**Target**
A4	**Santa Ana River**	**SAR**	E4	0	I4	668	10400/50000
M4	**Santa Ana Rvr to Mill Creek**	**SAR-MC**	N4	0	O4	0	
B4	**Santa Ana River**	**SWP**	F4	0	J4	0	
C4	**Mill Creek**	**MC**	G4	8	K4	1,248	18,000
D4	**Mill Creek**	**SWP**	H4	0	L4	0	714
	SBVMWD	**SWP**		0		0	
	WMWD	**SWP**					

	SAR Passing Cuttle Weir	**SAR**	0	**Share of Lost Flow**	0	**SARP**	**Estimate SAR Recharge [18]**	0
	Mill Creek Passing Garnet	**MC**	2	**Share of Lost Flow**	0	**MCRP**	**Estimate Mill Creek Recharge [19]**	2
	Flow in the River Above Alabama	**Total**	2	**Flowing Beyond Alabama**	0		**Total River Recharge**	2

Santa Ana River-Mill Creek Cooperative Water Project

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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	0.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	2.9	(+)K	[1]Edwards Canal	0.0	(+)S	[1]SBCFCD Grove	0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	[1]Redlands Aqueduct	0.0	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	0.0	(+)M	[1]Crafton Unger Lane	0.0	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	2.9	(+)N	[1]BVMWC Boullioun Box	2.9			0.0
				Observation at SOD	2179.40	(Σ)V	**Total SWP Deliveries**	2.9
Santa Ana River				**SOD Reservoir Elevation**	2179.24		**Debris Pool Elevation**	2200.00

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	31.2	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+)B1	BVMWC Highline	0.0	1.0	BVMWC Highline	0.0	(+)B2	*Gay Overflow*	0.0
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	*Irrigation*	0.0
(+)F1	Greenspot Spill	0.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	+)(Σ)D2	Boullioun Box Weir	0.0
A4	**SAR Inflow-SubTotal-1**	31.2	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja	0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	3.4	(+)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**	0.0
Z1	**SOD ReleaseSubTotal D1+E1**	3.4	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	6.6
(Σ)G1	**SubTotal 1+2 SAR Inflows**	34.6	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal	0.0
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	4.0	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	34.6	W1	Redlands Aqueduct / Sandbox	24.5	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	6.6
I1	Redlands Tunnel	0.5	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]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**	34.6
L1	SCE SAR AVM (SCADA)	34.1						

Mill Creek				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
	Inflows	Flow Rate (cfs)	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	9.8
(+) A3	RPU Flow	0.0	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	0.0
(+) B3	M/C #3 Penstock	13.1	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) C3	SBVWCD Mill Creek Diversion	8.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja	3.3
(Σ) D3	**Total MC Inflows**	21.1	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	13.1
E3	M/C #1 Penstock Flow	13.1	(+)C3	Mill Creek Diversion (MC)	8.0	U3	**Total MC Deliveries**	21.1
F3	Stream Parshall Flume to Yucaipa	0.0	(Σ)O3	**SBVWCD Spreading**	8.0	V3	Zanja West Weir to CWC Canal	2.3
G3	Observation at Garnet Bridge	2.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
H3			I3	Mentone Reser. Level (23.0)	19.7	Y3	Crafton Reser. Level (21.3)	17.6

SBVWCD Recharge

	Location	Type		Previous Day (AF)			WY To Date (AF)	Target
A4	**Santa Ana River**	SAR	E4	0		I4	668	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	13		K4	1,240	18,000
D4	**Mill Creek**	SWP	H4	0		L4	0	714
	SBVMWD	SWP		0			0	
	WMWD	SWP						

	SAR Passing Cuttle Weir	SAR	0	**Share of Lost Flow**	0	SARP	**Estimate SAR Recharge [18]**	0
	Mill Creek Passing Garnet	MC	2	**Share of Lost Flow**	0	MCRP	**Estimate Mill Creek Recharge [19]**	2
	Flow in the River Above Alabama	Total	2	**Flowing Beyond Alabama**	0		**Total River Recharge**	2

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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	0.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	9.9	(+)K	[1]Edwards Canal	0.0	(+)S	[1]SBCFCD Grove	0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	[1]Redlands Aqueduct	0.0	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	0.0	(+)M	[1]Crafton Unger Lane	7.0	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	9.9	(+)N	[1]BVMWC Boullioun Box	2.9			0.0
				Observation at SOD	2179.20	(Σ)V	**Total SWP Deliveries**	9.9
Santa Ana River				**SOD Reservoir Elevation**	2179.06		**Debris Pool Elevation**	2200.00

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	30.3	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+)B1	BVMWC Highline	0.0	1.0	BVMWC Highline	0.0	(+)B2	*Gay Overflow*	0.0
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	*Irrigation*	0.0
(+)F1	Greenspot Spill	0.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	+)(Σ)D2	Boullioun Box Weir	0.0
A4	**SAR Inflow-SubTotal-1**	30.3	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja	0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	3.3	(+)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**	0.0
Z1	**SOD ReleaseSubTotal D1+E1**	3.3	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	6.6
(Σ)G1	**SubTotal 1+2 SAR Inflows**	33.6	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal	0.0
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	4.0	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	33.6	W1	Redlands Aqueduct / Sandbox	23.5	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	6.6
I1	Redlands Tunnel	0.5	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]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**	33.6
L1	SCE SAR AVM (SCADA)	34.8						

Mill Creek				**Deliveries**	Flow Rate (cfs)		**Deliveries**	Flow Rate (cfs)
	Inflows	Flow Rate (cfs)	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	12.1
(+) A3	RPU Flow	11.3	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	0.0
(+) B3	M/C #3 Penstock	3.4	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) C3	SBVWCD Mill Creek Diversion	5.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja	2.6
(Σ) D3	**Total MC Inflows**	19.7	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	14.7
E3	M/C #1 Penstock Flow	14.7	(+)C3	Mill Creek Diversion (MC)	5.0	U3	**Total MC Deliveries**	19.7
F3	Stream Parshall Flume to Yucaipa	0.0	(Σ)O3	**SBVWCD Spreading**	5.0	V3	Zanja West Weir to CWC Canal	8.9
G3	Observation at Garnet Bridge	2.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
H3			I3	Mentone Reser. Level (23.0)	19.1	Y3	Crafton Reser. Level (21.3)	15.9

SBVWCD Recharge							
	Location	**Type**		**Previous Day (AF)**		**WY To Date (AF)**	**Target**
A4	**Santa Ana River**	**SAR**	E4	0	I4	668	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	10	K4	1,226	18,000
D4	**Mill Creek**	**SWP**	H4	0	L4	0	714
	SBVMWD	**SWP**		0		0	
	WMWD	**SWP**					

	SAR Passing Cuttle Weir	**SAR**	0	**Share of Lost Flow**	0	**SARP**	**Estimate SAR Recharge [18]**	0
	Mill Creek Passing Garnet	**MC**	2	**Share of Lost Flow**	0	**MCRP**	**Estimate Mill Creek Recharge [19]**	2
	Flow in the River Above Alabama	**Total**	2	**Flowing Beyond Alabama**	0		**Total River Recharge**	2

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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	0.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	2.9	(+)K	[1]Edwards Canal	0.0	(+)S	[1]SBCFCD Grove	0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	[1]Redlands Aqueduct	0.0	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	0.0	(+)M	[1]Crafton Unger Lane	0.0	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	2.9	(+)N	[1]BVMWC Boullioun Box	2.9			0.0
				Observation at SOD	2178.95	(Σ)V	**Total SWP Deliveries**	2.9
Santa Ana River				**SOD Reservoir Elevation**	2178.80		**Debris Pool Elevation**	2200.00

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	30.9	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+)B1	BVMWC Highline	0.0	1.0	BVMWC Highline	0.0	(+)B2	*Gay Overflow*	0.0
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	*Irrigation*	0.0
(+)F1	Greenspot Spill	0.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	+)(Σ)D2	Boullioun Box Weir	0.0
A4	**SAR Inflow-SubTotal-1**	30.9	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja	0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	3.3	(+)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**	0.0
Z1	**SOD ReleaseSubTotal D1+E1**	3.3	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	6.4
(Σ)G1	**SubTotal 1+2 SAR Inflows**	34.2	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal	0.0
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	4.0	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	34.2	W1	Redlands Aqueduct / Sandbox	24.3	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	6.4
I1	Redlands Tunnel	0.5	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]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**	34.2
L1	SCE SAR AVM (SCADA)	34.0						

Mill Creek				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
	Inflows	Flow Rate (cfs)	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	8.8
(+) A3	RPU Flow	9.2	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	0.0
(+) B3	M/C #3 Penstock	0.0	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) C3	SBVWCD Mill Creek Diversion	7.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja	0.4
(Σ) D3	**Total MC Inflows**	16.2	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	9.2
E3	M/C #1 Penstock Flow	9.2	(+)C3	Mill Creek Diversion (MC)	7.0	U3	**Total MC Deliveries**	16.2
F3	Stream Parshall Flume to Yucaipa	0.0	(Σ)O3	**SBVWCD Spreading**	7.0	V3	Zanja West Weir to CWC Canal	NA
G3	Observation at Garnet Bridge	2.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
H3			I3	Mentone Reser. Level (23.0)	19.9	Y3	Crafton Reser. Level (21.3)	14.0

SBVWCD Recharge							
	Location	**Type**		**Previous Day (AF)**		**WY To Date (AF)**	**Target**
A4	**Santa Ana River**	**SAR**	E4	0	I4	668	10400/50000
M4	**Santa Ana Rvr to Mill Creek**	**SAR-MC**	N4	0	O4	0	
B4	**Santa Ana River**	**SWP**	F4	0	J4	0	
C4	**Mill Creek**	**MC**	G4	14	K4	1,216	18,000
D4	**Mill Creek**	**SWP**	H4	0	L4	0	714
	SBVMWD	**SWP**		0		0	
	WMWD	**SWP**					

	SAR Passing Cuttle Weir	**SAR**	0	**Share of Lost Flow**	0	**SARP**	**Estimate SAR Recharge [18]**	0
	Mill Creek Passing Garnet	**MC**	2	**Share of Lost Flow**	0	**MCRP**	**Estimate Mill Creek Recharge [19]**	2
	Flow in the River Above Alabama	**Total**	2	**Flowing Beyond Alabama**	0		**Total River Recharge**	2

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: December 5, 2011

Time: 0800

State Water Project

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	[1]EVWD Treatment Plant	0.0	(+)P	[1]SARC West	0.0
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	[1]Santa Ana Low Turnout	0.0	(+)Q	[1]Zanja	0.0
(+)C	Exchange Water	0.0	(+)J	[1]Northfork Canal	0.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	2.9	(+)K	[1]Edwards Canal	0.0	(+)S	[1]SBCFCD Grove	0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	[1]Redlands Aqueduct	0.0	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	0.0	(+)M	[1]Crafton Unger Lane	0.0	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	2.9	(+)N	[1]BVMWC Boullioun Box	2.9			0.0
				Observation at SOD	2178.70	(Σ)V	**Total SWP Deliveries**	2.9
Santa Ana River				**SOD Reservoir Elevation**	2178.59		**Debris Pool Elevation**	2200.00

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	31.7	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+)B1	BVMWC Highline	0.0	1.0	BVMWC Highline	0.0	(+)B2	*Gay Overflow*	0.0
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	*Irrigation*	0.0
(+)F1	Greenspot Spill	0.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	+)(Σ)D2	Boullioun Box Weir	0.0
A4	**SAR Inflow-SubTotal-1**	31.7	(+)Q1	Crafton WC Unger Lane	0.0	(+) E2	Boullioun Box to Zanja	0.0
(+)D1	BVMWC Rvr PU-USGS, Flume	3.3	(+)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**	0.0
Z1	**SOD ReleaseSubTotal D1+E1**	3.3	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	6.0
(Σ)G1	**SubTotal 1+2 SAR Inflows**	35.0	(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	4.0	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	35.0	W1	Redlands Aqueduct / Sandbox	24.7	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	6.8
I1	Redlands Tunnel	0.5	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]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**	35.0
L1	SCE SAR AVM (SCADA)	34.6						

Mill Creek				Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
	Inflows	Flow Rate (cfs)	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	10.8
(+) A3	RPU Flow	15.0	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	0.0
(+) B3	M/C #3 Penstock	0.0	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) C3	SBVWCD Mill Creek Diversion	5.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja	4.2
(Σ) D3	**Total MC Inflows**	20.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	15.0
E3	M/C #1 Penstock Flow	15.0	(+)C3	Mill Creek Diversion (MC)	5.0	U3	**Total MC Deliveries**	20.0
F3	Stream Parshall Flume to Yucaipa	0.0	(Σ)O3	**SBVWCD Spreading**	5.0	V3	Zanja West Weir to CWC Canal	NA
G3	Observation at Garnet Bridge	2.0				W3	Mill Creek PH #2,3 Afterbay Spill	0.0
H3			I3	Mentone Reser. Level (23.0)	20.5	Y3	Crafton Reser. Level (21.3)	13.0

SBVWCD Recharge							
	Location	**Type**		**Previous Day (AF)**		**WY To Date (AF)**	**Target**
A4	**Santa Ana River**	**SAR**	E4	0	I4	668	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	30	K4	1,202	18,000
D4	**Mill Creek**	**SWP**	H4	0	L4	0	714
	SBVMWD	**SWP**		0		0	
	WMWD	**SWP**					

	SAR Passing Cuttle Weir	**SAR**	0	**Share of Lost Flow**	0	**SARP**	**Estimate SAR Recharge [18]**	0
	Mill Creek Passing Garnet	**MC**	2	**Share of Lost Flow**	0	**MCRP**	**Estimate Mill Creek Recharge [19]**	2
	Flow in the River Above Alabama	**Total**	2	**Flowing Beyond Alabama**	0		**Total River Recharge**	2

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: December 2, 2011

Time: 0730

State Water Project

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	[1]EVWD Treatment Plant	0.0	(+)P	[1]SARC West	0.0
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	[1]Santa Ana Low Turnout	0.0	(+)Q	[1]Zanja	0.0
(+)C	Exchange Water	0.0	(+)J	[1]Northfork Canal	0.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	2.9	(+)K	[1]Edwards Canal	0.0	(+)S	[1]SBCFCD Grove	0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	[1]Redlands Aqueduct	0.0	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	0.0	(+)M	[1]Crafton Unger Lane	0.0	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	2.9	(+)N	[1]BVMWC Boullioun Box	2.9			0.0
				Observation at SOD	2177.90	(Σ)V	**Total SWP Deliveries**	2.9
Santa Ana River				**SOD Reservoir Elevation**	2177.79		**Debris Pool Elevation**	2200.00

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	33.6	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+)B1	BVMWC Highline	0.0	1.0	BVMWC Highline	0.0	(+)B2	*Gay Overflow*	0.0
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	*Irrigation*	0.0
(+)F1	Greenspot Spill	0.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	+)(Σ)D2	Boullioun Box Weir	0.0
A4	**SAR Inflow-SubTotal-1**	33.6	(+)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**	0.0
Z1	**SOD ReleaseSubTotal D1+E1**	3.2	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	6.0
(Σ)G1	**SubTotal 1+2 SAR Inflows**	36.8	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal	1.1
(-)D1a	If BV p/u gated, divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	3.0	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	36.8	W1	Redlands Aqueduct / Sandbox	27.4	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	7.1
I1	Redlands Tunnel	0.7	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]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**	36.8
L1	SCE SAR AVM (SCADA)	34.7						

Mill Creek				**Deliveries**	Flow Rate (cfs)		**Deliveries**	Flow Rate (cfs)
	Inflows	Flow Rate (cfs)	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	10.9
(+) A3	RPU Flow	10.9	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	0.0
(+) B3	M/C #3 Penstock	0.0	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) C3	SBVWCD Mill Creek Diversion	5.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	10.9
(Σ) D3	**Total MC Inflows**	15.9	(+)C3	Mill Creek Diversion (MC)	5.0	U3	**Total MC Deliveries**	15.9
E3	M/C #1 Penstock Flow	10.9	(Σ)O3	**SBVWCD Spreading**	5.0	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	2.0						
H3			I3	Mentone Reser. Level (23.0)	20.9	Y3	Crafton Reser. Level (21.3)	13.1

SBVWCD Recharge

	Location	Type		Previous Day (AF)			WY To Date (AF)	Target
A4	**Santa Ana River**	SAR	E4	0		I4	668	10400/50000
M4	**Santa Ana Rvr to Mill Creek**	SAR-MC	N4	0		O4	0	
B4	**Santa Ana River**	SWP	F4	0		J4	0	
C4	**Mill Creek**	MC	G4	12		K4	1,173	18,000
D4	**Mill Creek**	SWP	H4	0		L4	0	714
	SBVMWD	SWP		0			0	
	WMWD	SWP						

	SAR Passing Cuttle Weir	SAR	0	**Share of Lost Flow**	0	SARP	**Estimate SAR Recharge [18]**	0
	Mill Creek Passing Garnet	MC	2	**Share of Lost Flow**	0	MCRP	**Estimate Mill Creek Recharge [19]**	2
	Flow in the River Above Alabama	Total	2	**Flowing Beyond Alabama**	0		**Total River Recharge**	2

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: December 1, 2011

Time: 0800

State Water Project

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	[1]EVWD Treatment Plant	0.0	(+)P	[1]SARC West	0.0
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	[1]Santa Ana Low Turnout	0.0	(+)Q	[1]Zanja	0.0
(+)C	Exchange Water	0.0	(+)J	[1]Northfork Canal	0.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	0.0	(+)K	[1]Edwards Canal	0.0	(+)S	[1]SBCFCD Grove	0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	[1]Redlands Aqueduct	0.0	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	0.0	(+)M	[1]Crafton Unger Lane	0.0	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	0.0	(+)N	[1]BVMWC Boullioun Box	0.0			0.0
				Observation at SOD	2177.60	(Σ)V	**Total SWP Deliveries**	0.0
Santa Ana River				**SOD Reservoir Elevation**	NA		**Debris Pool Elevation**	2200.00

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	32.7	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+)B1	BVMWC Highline	0.0	1.0	BVMWC Highline	0.0	(+)B2	*Gay Overflow*	0.0
(+)C1	Greenspot Pipeline	0.0	(+)O1	Newport for BVMWC	0.0	(+)C2	*Irrigation*	0.0
(+)F1	Greenspot Spill	0.0	(+)P1	SBVWCD Mill Creek Spreading	0.0	+)(Σ)D2	Boullioun Box Weir	0.0
A4	**SAR Inflow-SubTotal-1**	32.7	(+)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**	0.0
Z1	**SOD ReleaseSubTotal D1+E1**	3.2	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	6.1
(Σ)G1	**SubTotal 1+2 SAR Inflows**	35.9	(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	3.0	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	35.9	W1	Redlands Aqueduct / Sandbox	27.5	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	6.1
I1	Redlands Tunnel	0.7	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]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**	35.9
L1	SCE SAR AVM (SCADA)	32.8						

Mill Creek

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+) A3	RPU Flow	2.8	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	2.8
(+) B3	M/C #3 Penstock	0.0	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	0.0
(+) C3	SBVWCD Mill Creek Diversion	11.0	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(Σ) D3	**Total MC Inflows**	13.8	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja	0.0
E3	M/C #1 Penstock Flow	2.8	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	2.8
F3	Stream Parshall Flume to Yucaipa	0.0	(+)C3	Mill Creek Diversion (MC)	11.0	U3	**Total MC Deliveries**	13.8
G3	Observation at Garnet Bridge	2.0	(Σ)O3	**SBVWCD Spreading**	11.0	V3	Zanja West Weir to CWC Canal	0.0
H3			I3	Mentone Reser. Level (23.0)	21.1	W3	Mill Creek PH #2,3 Afterbay Spill	0.0
						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	668	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	13		K4	1,160	18,000
D4	**Mill Creek**	SWP	H4	0		L4	0	714
	SBVMWD	SWP		0			0	
	WMWD	SWP						

	SAR Passing Cuttle Weir	SAR	0	**Share of Lost Flow**	0	SARP	**Estimate SAR Recharge [18]**	0
	Mill Creek Passing Garnet	MC	2	**Share of Lost Flow**	0	MCRP	**Estimate Mill Creek Recharge [19]**	2
	Flow in the River Above Alabama	Total	2	**Flowing Beyond Alabama**	0		**Total River Recharge**	2