Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: January 28,2011

Time: 0900

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	5.0	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	5.0	(+)M	[1]Crafton Unger Lane	0.0	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	5.0	(+)N	[1]BVMWC Boullioun Box	0.0	(Σ)V	**Total SWP Deliveries**	5.0

Santa Ana River

SOD Reservoir Elevation 2350.30

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	(+)N1	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	2.3	(+)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**	2.3	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	1.2
(Σ)G1	**SubTotal 1+2 SAR Inflows**	2.3	(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**	2.3	W1	Redlands Aqueduct Weir	0.9	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	2.3
I1	Redlands Tunnel	0.9	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]Big Bear Lake Release	0.3	(+)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**	2.3
L1	SCE SAR AVM (SCADA)	0.0						

Mill Creek

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+) A3	RPU Flow	0.0	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	0.0
(+) B3	M/C #3 Penstock	19.3	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	14.3
(+) C3	SBVWCD Mill Creek Diversion	31.7	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	1.5
(Σ) D3	**Total MC Inflows**	51.0	(+)L3	East Weir (MC)	14.3	(+)S3	East Weir to Zanja	5.0
E3	M/C #1 Penstock Flow	0.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	19.3
F3	Stream Parshall Flume to Yucaipa	0.0	(+)C3	Mill Creek Diversion (MC)	31.7	U3	**Total MC Deliveries**	51.0
G3	Observation at Garnet Bridge	1.0	(Σ)O3	**SBVWCD Spreading**	46.0	V3	Zanja West Weir to CWC Canal	0.0
H3			I3	Mentone Reser. Level (23.0)	21.8	W3	Mill Creek PH #2,3 Afterbay Spill	0.0
						Y3	Crafton Reser. Level (21.3)	19.2

SBVWCD Recharge

	Location	Type		Previous Day (AF)			WY To Date (AF)	Target
A4	**Santa Ana River**	**SAR**	E4	**0**		I4	**307**	**10,000**
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	**91**		K4	**1,650**	**8,889**
D4	**Mill Creek**	**SWP**	H4	**10**		L4	**696**	**714**
	SBVMWD	**SWP**		**0**			**0**	
	WMWD	**SWP**						

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: January 27,2011

Time: 0700

State Water Project

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	[1]EVWD Treatment Plant	0.0	(+)P	[1]SARC West	0.0
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	[1]Santa Ana Low Turnout	0.0	(+)Q	[1]Zanja	0.0
(+)C	Exchange Water	0.0	(+)J	[1]Northfork Canal	0.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	0.0	(+)K	[1]Edwards Canal	0.0	(+)S	[1]SBCFCD Grove	0.0
(+)E	Redlands Aqueduct Leakage	0.0	(+)L	[1]Redlands Aqueduct	5.0	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	5.0	(+)M	[1]Crafton Unger Lane	0.0	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	5.0	(+)N	[1]BVMWC Boullioun Box	0.0	(Σ)V	**Total SWP Deliveries**	5.0

Santa Ana River

SOD Reservoir Elevation NA

Debris Pool Elevation 2200.00

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	0.0	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+)B1	BVMWC Highline	0.0	(+)N1	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	2.4	(+)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**	2.4	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	0.0
(Σ)G1	**SubTotal 1+2 SAR Inflows**	2.4	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal	0.0
(-)D1a	If BV p/u gated,divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.0	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	2.4	W1	Redlands Aqueduct Weir	3.8	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	0.0
I1	Redlands Tunnel	1.4	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]Big Bear Lake Release	0.3	(+)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**	2.4
L1	SCE SAR AVM (SCADA)	0.0						

Mill Creek

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	0.0
			(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	15.2
(+) A3	RPU Flow	0.0	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	1.5
(+) B3	M/C #3 Penstock	20.3	(+)L3	East Weir (MC)	15.2	(+)S3	East Weir to Zanja	5.1
(+) C3	SBVWCD Mill Creek Diversion	30.8	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	20.3
(Σ) D3	**Total MC Inflows**	51.1	(+)C3	Mill Creek Diversion (MC)	30.8	U3	**Total MC Deliveries**	51.1
E3	M/C #1 Penstock Flow	0.0	(Σ)O3	**SBVWCD Spreading**	46.0	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	1.0						
H3			I3	Mentone Reser. Level (23.0)	21.3	Y3	Crafton Reser. Level (21.3)	21.3

SBVWCD Recharge

	Location	Type		Previous Day (AF)			WY To Date (AF)	Target
A4	**Santa Ana River**	**SAR**	E4	0		I4	307	10,000
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	91		K4	1,558	8,889
D4	**Mill Creek**	**SWP**	H4	9		L4	695	714
	SBVMWD	**SWP**		0			0	
	WMWD	**SWP**						

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: January 26,2011

Time: 0700

State Water Project

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	[1]EVWD Treatment Plant	0.0	(+)P	[1]SARC West	0.0
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	[1]Santa Ana Low Turnout	0.0	(+)Q	[1]Zanja	0.0
(+)C	Exchange Water	0.0	(+)J	[1]Northfork Canal	0.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	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	(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)	0.0	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+)B1	BVMWC Highline	0.0	(+)N1	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	2.5	(+)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**	2.5	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	0.0
(Σ)G1	**SubTotal 1+2 SAR Inflows**	2.5	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal	0.0
(-)D1a	If BV p/u gated,divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.0	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	2.5	W1	Redlands Aqueduct Weir	3.9	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	0.0
I1	Redlands Tunnel	1.4	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]Big Bear Lake Release	25.0	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	[1)]**Total SAR Deliveries**	2.5
L1	SCE SAR AVM (SCADA)	0.0						

Mill Creek

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+) A3	RPU Flow	0.0	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	0.0
(+) B3	M/C #3 Penstock	18.8	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	13.4
(+) C3	SBVWCD Mill Creek Diversion	30.6	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	1.5
(Σ) D3	**Total MC Inflows**	49.4	(+)L3	East Weir (MC)	13.4	(+)S3	East Weir to Zanja	5.4
E3	M/C #1 Penstock Flow	0.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	18.8
F3	Stream Parshall Flume to Yucaipa	0.0	(+)C3	Mill Creek Diversion (MC)	30.6	U3	**Total MC Deliveries**	49.4
G3	Observation at Garnet Bridge	1.0	(Σ)O3	**SBVWCD Spreading**	44.0	V3	Zanja West Weir to CWC Canal	2.3
H3			I3	Mentone Reser. Level (23.0)	19.6	W3	Mill Creek PH #2,3 Afterbay Spill	0.0
						Y3	Crafton Reser. Level (21.3)	21.3

SBVWCD Recharge

	Location	Type		Previous Day (AF)			WY To Date (AF)	Target
A4	**Santa Ana River**	SAR	E4	0		I4	307	10,000
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	87		K4	1,467	8,889
D4	**Mill Creek**	SWP	H4	0		L4	676	714
	SBVMWD	SWP		0			0	
	WMWD	SWP						

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: January 25,2011

Time: 0700

State Water Project

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	[1]EVWD Treatment Plant	0.0	(+)P	[1]SARC West	0.0
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	[1]Santa Ana Low Turnout	0.0	(+)Q	[1]Zanja	0.0
(+)C	Exchange Water	0.0	(+)J	[1]Northfork Canal	0.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	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	(Σ)V	**Total SWP Deliveries**	0.0

Santa Ana River

SOD Reservoir Elevation 2348.00

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	(+)N1	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	3.6	(+)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**	3.6	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	0.0
(Σ)G1	**SubTotal 1+2 SAR Inflows**	3.6	(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	3.6	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	3.6	W1	Redlands Aqueduct Weir	1.4	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	0.0
I1	Redlands Tunnel	1.4	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]Big Bear Lake Release	25.0	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	[1)]**Total SAR Deliveries**	3.6
L1	SCE SAR AVM (SCADA)	0.0						

Mill Creek

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+) A3	RPU Flow	0.0	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	0.0
(+) B3	M/C #3 Penstock	16.8	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	13.5
(+) C3	SBVWCD Mill Creek Diversion	34.5	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	1.0
(Σ) D3	**Total MC Inflows**	51.3	(+)L3	East Weir (MC)	13.5	(+)S3	East Weir to Zanja	3.3
E3	M/C #1 Penstock Flow	0.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	16.8
F3	Stream Parshall Flume to Yucaipa	0.0	(+)C3	Mill Creek Diversion (MC)	34.5	U3	**Total MC Deliveries**	51.3
G3	Observation at Garnet Bridge	1.0	(Σ)O3	**SBVWCD Spreading**	48.0	V3	Zanja West Weir to CWC Canal	1.0
H3			I3	Mentone Reser. Level (23.0)	18.3	W3	Mill Creek PH #2,3 Afterbay Spill	0.0
						Y3	Crafton Reser. Level (21.3)	21.3

SBVWCD Recharge

	Location	Type		Previous Day (AF)			WY To Date (AF)	Target
A4	**Santa Ana River**	**SAR**	E4	0		I4	307	10,000
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	95		K4	1,380	8,889
D4	**Mill Creek**	**SWP**	H4	0		L4	676	714
	SBVMWD	**SWP**		0			0	
	WMWD	**SWP**						

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: January 24,2011

Time: 0730

State Water Project

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

Santa Ana River

SOD Reservoir Elevation NA

Debris Pool Elevation 2200.00

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+)A1	PH #3 Penstock (CALC)	0.0	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+)B1	BVMWC Highline	0.0	(+)N1	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	3.6	(+)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**	3.6	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	0.0
(Σ)G1	**SubTotal 1+2 SAR Inflows**	3.6	(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	3.6	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	3.6	W1	Redlands Aqueduct Weir	1.3	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	0.0
I1	Redlands Tunnel	1.3	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]Big Bear Lake Release	25.0	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	[1)]**Total SAR Deliveries**	3.6
L1	SCE SAR AVM (SCADA)	0.0						

Mill Creek

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+) A3	RPU Flow	0.0	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	0.0
(+) B3	M/C #3 Penstock	15.0	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	12.4
(+) C3	SBVWCD Mill Creek Diversion	32.6	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	1.0
(Σ) D3	**Total MC Inflows**	47.6	(+)L3	East Weir (MC)	12.4	(+)S3	East Weir to Zanja	2.6
E3	M/C #1 Penstock Flow	0.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	15.0
F3	Stream Parshall Flume to Yucaipa	0.0	(+)C3	Mill Creek Diversion (MC)	32.6	U3	**Total MC Deliveries**	47.6
G3	Observation at Garnet Bridge	1.0	(Σ)O3	**SBVWCD Spreading**	45.0	V3	Zanja West Weir to CWC Canal	0.4
H3			I3	Mentone Reser. Level (23.0)	20.0	W3	Mill Creek PH #2,3 Afterbay Spill	0.0
						Y3	Crafton Reser. Level (21.3)	20.7

SBVWCD Recharge

	Location	Type		Previous Day (AF)			WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4	0		I4	307	10,000
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	268		K4	1,285	8,889
D4	Mill Creek	SWP	H4	0		L4	676	714
	SBVMWD	SWP		0			0	
	WMWD	SWP						

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: January 21,2011

Time: 0700

State Water Project

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	[1]EVWD Treatment Plant	0.0	(+)P	[1]SARC West	0.0
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	[1]Santa Ana Low Turnout	0.0	(+)Q	[1]Zanja	0.0
(+)C	Exchange Water	0.0	(+)J	[1]Northfork Canal	0.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	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	(Σ)V	**Total SWP Deliveries**	0.0

Santa Ana River

SOD Reservoir Elevation 2345.30

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	(+)N1	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	2.8	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread	0.0
(+)E1	Main River Gage (USGS)	0.0	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	**BVMWC Highline**	0.0
Z1	**SOD ReleaseSubTotal D1+E1**	2.8	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	0.0
(Σ)G1	**SubTotal 1+2 SAR Inflows**	2.8	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal	0.0
(-)D1a	If BV p/u gated,divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	2.8	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	2.8	W1	Redlands Aqueduct Weir	1.3	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	0.0
I1	Redlands Tunnel	1.3	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]Big Bear Lake Release	25.0	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	[1)]**Total SAR Deliveries**	2.8
L1	SCE SAR AVM (SCADA)	0.0						

Mill Creek

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+) A3	RPU Flow	0.0	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	0.0
(+) 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	57.0	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(Σ) D3	**Total MC Inflows**	57.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja	0.0
E3	M/C #1 Penstock Flow	0.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	0.0
F3	Stream Parshall Flume to Yucaipa	0.0	(+)C3	Mill Creek Diversion (MC)	57.0	U3	**Total MC Deliveries**	57.0
G3	Observation at Garnet Bridge	1.0	(Σ)O3	**SBVWCD Spreading**	57.0	V3	Zanja West Weir to CWC Canal	0.0
H3			I3	Mentone Reser. Level (23.0)	20.0	W3	Mill Creek PH #2,3 Afterbay Spill	8.2
						Y3	Crafton Reser. Level (21.3)	18.6

SBVWCD Recharge

	Location	Type		Previous Day (AF)			WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4	0		I4	307	10,000
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	113		K4	1,017	8,889
D4	Mill Creek	SWP	H4	0		L4	676	714
	SBVMWD	SWP		0			0	
	WMWD	SWP						

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: January 20,2011

Time: 0700

State Water Project

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	[1]EVWD Treatment Plant	0.0	(+)P	[1]SARC West	0.0
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	[1]Santa Ana Low Turnout	0.0	(+)Q	[1]Zanja	0.0
(+)C	Exchange Water	0.0	(+)J	[1]Northfork Canal	0.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	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	(Σ)V	**Total SWP Deliveries**	0.0

Santa Ana River

SOD Reservoir Elevation 2344.90

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	(+)N1	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	3.8	(+)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	0.0
(Σ)G1	**SubTotal 1+2 SAR Inflows**	3.8	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal	0.0
(-)D1a	If BV p/u gated,divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	3.8	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	3.8	W1	Redlands Aqueduct Weir	1.2	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	0.0
I1	Redlands Tunnel	1.2	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]Big Bear Lake Release	25.0	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	[1)]**Total SAR Deliveries**	3.8
L1	SCE SAR AVM (SCADA)	0.0						

Mill Creek

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+) A3	RPU Flow	0.0	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	0.0
(+) 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	57.0	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(Σ) D3	**Total MC Inflows**	57.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja	0.0
E3	M/C #1 Penstock Flow	0.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	0.0
F3	Stream Parshall Flume to Yucaipa	0.0	(+)C3	Mill Creek Diversion (MC)	57.0	U3	**Total MC Deliveries**	57.0
G3	Observation at Garnet Bridge	1.0	(Σ)O3	**SBVWCD Spreading**	57.0	V3	Zanja West Weir to CWC Canal	0.0
H3			I3	Mentone Reser. Level (23.0)	19.7	W3	Mill Creek PH #2,3 Afterbay Spill	0.0
						Y3	Crafton Reser. Level (21.3)	18.6

SBVWCD Recharge

	Location	Type		Previous Day (AF)			WY To Date (AF)	Target
A4	**Santa Ana River**	**SAR**	E4	0		I4	307	10,000
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	113		K4	904	8,889
D4	**Mill Creek**	**SWP**	H4	0		L4	676	714
	SBVMWD	**SWP**		0			0	
	WMWD	**SWP**						

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: January 19,2011

Time: 0700

State Water Project

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	[1]EVWD Treatment Plant	0.0	(+)P	[1]SARC West	0.0
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	[1]Santa Ana Low Turnout	0.0	(+)Q	[1]Zanja	0.0
(+)C	Exchange Water	0.0	(+)J	[1]Northfork Canal	0.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	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	(Σ)V	**Total SWP Deliveries**	0.0

Santa Ana River

SOD Reservoir Elevation 2344.00

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	(+)N1	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	2.1	(+)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**	0.0
Z1	**SOD ReleaseSubTotal D1+E1**	2.1	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	0.0
(Σ)G1	**SubTotal 1+2 SAR Inflows**	2.1	(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	2.1	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	2.1	W1	Redlands Aqueduct Weir	1.2	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	0.0
I1	Redlands Tunnel	1.2	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]Big Bear Lake Release	25.0	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	[1)]**Total SAR Deliveries**	2.1
L1	SCE SAR AVM (SCADA)	0.0						

Mill Creek

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+) A3	RPU Flow	0.0	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	0.0
(+) 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	55.0	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(Σ) D3	**Total MC Inflows**	55.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja	0.0
E3	M/C #1 Penstock Flow	0.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	0.0
F3	Stream Parshall Flume to Yucaipa	0.0	(+)C3	Mill Creek Diversion (MC)	55.0	U3	**Total MC Deliveries**	55.0
G3	Observation at Garnet Bridge	1.0	(Σ)O3	**SBVWCD Spreading**	55.0	V3	Zanja West Weir to CWC Canal	0.0
H3			I3	Mentone Reser. Level (23.0)	19.3	W3	Mill Creek PH #2,3 Afterbay Spill	0.0
						Y3	Crafton Reser. Level (21.3)	18.8

SBVWCD Recharge

	Location	Type		Previous Day (AF)			WY To Date (AF)	Target
A4	**Santa Ana River**	**SAR**	E4	0		I4	307	10,000
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	109		K4	791	8,889
D4	**Mill Creek**	**SWP**	H4	0		L4	676	714
	SBVMWD	**SWP**		0			0	
	WMWD	**SWP**						

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: January 18,2011

Time: 0700

State Water Project

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	[1]EVWD Treatment Plant	0.0	(+)P	[1]SARC West	0.0
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	[1]Santa Ana Low Turnout	0.0	(+)Q	[1]Zanja	0.0
(+)C	Exchange Water	0.0	(+)J	[1]Northfork Canal	0.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	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	(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)	0.0	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+)B1	BVMWC Highline	0.0	(+)N1	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	2.5	(+)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**	2.5	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	0.0
(Σ)G1	**SubTotal 1+2 SAR Inflows**	2.5	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal	0.0
(-)D1a	If BV p/u gated,divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	2.5	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	2.5	W1	Redlands Aqueduct Weir	1.2	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	0.0
I1	Redlands Tunnel	1.2	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]Big Bear Lake Release	25.0	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	[1)]**Total SAR Deliveries**	2.5
L1	SCE SAR AVM (SCADA)	0.0						

Mill Creek

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+) A3	RPU Flow	0.0	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	0.0
(+) 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	55.0	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(Σ) D3	**Total MC Inflows**	55.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja	0.0
E3	M/C #1 Penstock Flow	0.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	0.0
F3	Stream Parshall Flume to Yucaipa	0.0	(+)C3	Mill Creek Diversion (MC)	55.0	U3	**Total MC Deliveries**	55.0
G3	Observation at Garnet Bridge	4.0	(Σ)O3	**SBVWCD Spreading**	55.0	V3	Zanja West Weir to CWC Canal	0.0
H3			I3	Mentone Reser. Level (23.0)	20.0	W3	Mill Creek PH #2,3 Afterbay Spill	0.0
						Y3	Crafton Reser. Level (21.3)	18.7

SBVWCD Recharge

	Location	Type		Previous Day (AF)			WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4	0		I4	307	10,000
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	88		K4	682	8,889
D4	Mill Creek	SWP	H4	0		L4	676	714
	SBVMWD	SWP		0			0	
	WMWD	SWP						

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: January 17,2011

Time: 0630

State Water Project

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	[1]EVWD Treatment Plant	0.0	(+)P	[1]SARC West	0.0
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	[1]Santa Ana Low Turnout	0.0	(+)Q	[1]Zanja	0.0
(+)C	Exchange Water	0.0	(+)J	[1]Northfork Canal	0.0	(+)R	[1]Tate Treatment Plant	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	(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)	0.0	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+)B1	BVMWC Highline	0.0	(+)N1	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	2.5	(+)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**	2.5	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	0.0
(Σ)G1	**SubTotal 1+2 SAR Inflows**	2.5	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal	0.0
(-)D1a	If BV p/u gated,divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	2.5	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	2.5	W1	Redlands Aqueduct Weir	1.3	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	0.0
I1	Redlands Tunnel	1.3	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]Big Bear Lake Release	25.0	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	[1)]**Total SAR Deliveries**	2.5
L1	SCE SAR AVM (SCADA)	0.0						

Mill Creek

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+) A3	RPU Flow	0.0	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	0.0
(+) 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	0.0	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(Σ) D3	**Total MC Inflows**	0.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja	0.0
E3	M/C #1 Penstock Flow	0.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	0.0
F3	Stream Parshall Flume to Yucaipa	0.0	(+)C3	Mill Creek Diversion (MC)	0.0	U3	**Total MC Deliveries**	0.0
G3	Observation at Garnet Bridge	42.0	(Σ)O3	**SBVWCD Spreading**	0.0	V3	Zanja West Weir to CWC Canal	0.0
H3			I3	Mentone Reser. Level (23.0)	21.3	W3	Mill Creek PH #2,3 Afterbay Spill	0.0
						Y3	Crafton Reser. Level (21.3)	18.7

SBVWCD Recharge

	Location	Type		Previous Day (AF)			WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4	0		I4	307	10,000
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	56		K4	594	8,889
D4	Mill Creek	SWP	H4	0		L4	676	714
	SBVMWD	SWP		0			0	
	WMWD	SWP						

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: January 14,2011

Time: 0630

State Water Project

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	[1]EVWD Treatment Plant	0.0	(+)P	[1]SARC West	0.0
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	[1]Santa Ana Low Turnout	0.0	(+)Q	[1]Zanja	0.0
(+)C	Exchange Water	0.0	(+)J	[1]Northfork Canal	0.0	(+)R	[1]Tate Treatment Plant	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	(Σ)V	**Total SWP Deliveries**	0.0

Santa Ana River

SOD Reservoir Elevation 2339.90

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	(+)N1	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	2.3	(+)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**	2.3	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	0.0
(Σ)G1	**SubTotal 1+2 SAR Inflows**	2.3	(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	2.3	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	2.3	W1	Redlands Aqueduct Weir	1.3	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	0.0
I1	Redlands Tunnel	1.3	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]Big Bear Lake Release	25.0	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	[1)]**Total SAR Deliveries**	2.3
L1	SCE SAR AVM (SCADA)	0.0						

Mill Creek

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+) A3	RPU Flow	0.0	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	0.0
(+) 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	0.0	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(Σ) D3	**Total MC Inflows**	0.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja	0.0
E3	M/C #1 Penstock Flow	0.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	0.0
F3	Stream Parshall Flume to Yucaipa	0.0	(+)C3	Mill Creek Diversion (MC)	0.0	U3	**Total MC Deliveries**	0.0
G3	Observation at Garnet Bridge	40.0	(Σ)O3	**SBVWCD Spreading**	0.0	V3	Zanja West Weir to CWC Canal	0.0
H3			I3	Mentone Reser. Level (23.0)	20.2	W3	Mill Creek PH #2,3 Afterbay Spill	0.0
						Y3	Crafton Reser. Level (21.3)	18.7

SBVWCD Recharge

	Location	Type		Previous Day (AF)			WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4	0		I4	307	10,000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0		O4	0	
B4	Santa Ana River	SWP	F4	0		J4	0	
C4	Mill Creek	MC	G4	0		K4	538	8,889
D4	Mill Creek	SWP	H4	0		L4	676	714
	SBVMWD	SWP		0			0	
	WMWD	SWP						

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: January 13,2011

Time: 0630

State Water Project

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	[1]EVWD Treatment Plant	0.0	(+)P	[1]SARC West	0.0
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	[1]Santa Ana Low Turnout	0.0	(+)Q	[1]Zanja	0.0
(+)C	Exchange Water	0.0	(+)J	[1]Northfork Canal	0.0	(+)R	[1]Tate Treatment Plant	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	(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)	0.0	(+)M1	SBCFCD Grove	0.0	(+) A2	Newport	0.0
(+)B1	BVMWC Highline	0.0	(+)N1	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	2.5	(+)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**	2.5	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	0.0
(Σ)G1	**SubTotal 1+2 SAR Inflows**	2.5	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal	0.0
(-)D1a	If BV p/u gated,divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	2.5	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	2.5	W1	Redlands Aqueduct Weir	1.3	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	0.0
I1	Redlands Tunnel	1.3	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]Big Bear Lake Release	25.0	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	[1)]**Total SAR Deliveries**	2.5
L1	SCE SAR AVM (SCADA)	0.0						

Mill Creek

				Deliveries	Flow Rate (cfs)		**Deliveries**	Flow Rate (cfs)
			(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	0.0
	Inflows	Flow Rate (cfs)	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	0.0
(+) A3	RPU Flow	0.0	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) B3	M/C #3 Penstock	0.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja	0.0
(+) C3	SBVWCD Mill Creek Diversion	0.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	0.0
(Σ) D3	**Total MC Inflows**	0.0	(+)C3	Mill Creek Diversion (MC)	0.0	U3	**Total MC Deliveries**	0.0
E3	M/C #1 Penstock Flow	0.0	(Σ)O3	**SBVWCD Spreading**	0.0	V3	Zanja West Weir to CWC Canal	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	40.0						
H3			I3	Mentone Reser. Level (23.0)	20.0	Y3	Crafton Reser. Level (21.3)	18.7

SBVWCD Recharge

	Location	Type		Previous Day (AF)			WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4	0		I4	307	10,000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0		O4	0	
B4	Santa Ana River	SWP	F4	0		J4	0	
C4	Mill Creek	MC	G4	0		K4	538	8,889
D4	Mill Creek	SWP	H4	0		L4	676	714
	SBVMWD	SWP		0			0	
	WMWD	SWP						

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: January 12,2011

Time: 0645

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	(Σ)V	**Total SWP Deliveries**	0.0

Santa Ana River

SOD Reservoir Elevation 2338.00

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	(+)N1	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	2.5	(+)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**	2.5	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	0.0
(Σ)G1	**SubTotal 1+2 SAR Inflows**	2.5	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal	0.0
(-)D1a	If BV p/u gated,divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	2.5	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	2.5	W1	Redlands Aqueduct Weir	1.3	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	0.0
I1	Redlands Tunnel	1.3	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]Big Bear Lake Release	25.0	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	[1)]**Total SAR Deliveries**	2.5
L1	SCE SAR AVM (SCADA)	0.0						

Mill Creek

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+) A3	RPU Flow	0.0	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	0.0
(+) 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	0.0	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(Σ) D3	**Total MC Inflows**	0.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja	0.0
E3	M/C #1 Penstock Flow	0.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	0.0
F3	Stream Parshall Flume to Yucaipa	0.0	(+)C3	Mill Creek Diversion (MC)	0.0	U3	**Total MC Deliveries**	0.0
G3	Observation at Garnet Bridge	40.0	(Σ)O3	**SBVWCD Spreading**	0.0	V3	Zanja West Weir to CWC Canal	0.0
H3			I3	Mentone Reser. Level (23.0)	20.0	W3	Mill Creek PH #2,3 Afterbay Spill	0.0
						Y3	Crafton Reser. Level (21.3)	18.7

SBVWCD Recharge

	Location	Type		Previous Day (AF)			WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4	0		I4	307	10,000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0		O4	0	
B4	Santa Ana River	SWP	F4	0		J4	0	
C4	Mill Creek	MC	G4	0		K4	538	8,889
D4	Mill Creek	SWP	H4	0		L4	676	714
	SBVMWD	SWP		0			0	
	WMWD	SWP						

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: January 11,2011

Time: 0700

State Water Project

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	[1]EVWD Treatment Plant	0.0	(+)P	[1]SARC West	0.0
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	[1]Santa Ana Low Turnout	0.0	(+)Q	[1]Zanja	0.0
(+)C	Exchange Water	0.0	(+)J	[1]Northfork Canal	0.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	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	(Σ)V	**Total SWP Deliveries**	0.0

Santa Ana River

SOD Reservoir Elevation 2337.00

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	(+)N1	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	2.5	(+)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**	2.5	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	0.0
(Σ)G1	**SubTotal 1+2 SAR Inflows**	2.5	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal	0.0
(-)D1a	If BV p/u gated,divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	2.5	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	2.5	W1	Redlands Aqueduct Weir	1.3	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	0.0
I1	Redlands Tunnel	1.3	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]Big Bear Lake Release	25.0	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	[1)]**Total SAR Deliveries**	2.5
L1	SCE SAR AVM (SCADA)	0.0						

Mill Creek

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+) A3	RPU Flow	0.0	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	0.0
(+) 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	0.0	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(Σ) D3	**Total MC Inflows**	0.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja	0.0
E3	M/C #1 Penstock Flow	0.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	0.0
F3	Stream Parshall Flume to Yucaipa	0.0	(+)C3	Mill Creek Diversion (MC)	0.0	U3	**Total MC Deliveries**	0.0
G3	Observation at Garnet Bridge	40.0	(Σ)O3	**SBVWCD Spreading**	0.0	V3	Zanja West Weir to CWC Canal	0.0
H3			I3	Mentone Reser. Level (23.0)	20.6	W3	Mill Creek PH #2,3 Afterbay Spill	0.0
						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	0		I4	307	10,000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0		O4	0	
B4	Santa Ana River	SWP	F4	0		J4	0	
C4	Mill Creek	MC	G4	0		K4	538	8,889
D4	Mill Creek	SWP	H4	0		L4	676	714
	SBVMWD	SWP		0			0	
	WMWD	SWP						

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: January 7,2011

Time: 0700

State Water Project

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	[1]EVWD Treatment Plant	0.0	(+)P	[1]SARC West	0.0
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	[1]Santa Ana Low Turnout	0.0	(+)Q	[1]Zanja	0.0
(+)C	Exchange Water	0.0	(+)J	[1]Northfork Canal	0.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	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	(Σ)V	**Total SWP Deliveries**	0.0

Santa Ana River

SOD Reservoir Elevation 2332.30

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	(+)N1	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	2.5	(+)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**	2.5	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	0.0
(Σ)G1	**SubTotal 1+2 SAR Inflows**	2.5	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal	0.0
(-)D1a	If BV p/u gated,divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	2.5	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	2.5	W1	Redlands Aqueduct Weir	1.2	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	0.0
I1	Redlands Tunnel	1.2	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]Big Bear Lake Release	25.0	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	[1)]**Total SAR Deliveries**	2.5
L1	SCE SAR AVM (SCADA)	0.0						

Mill Creek

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+) A3	RPU Flow	0.0	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	0.0
(+) 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	0.0	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(Σ) D3	**Total MC Inflows**	0.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja	0.0
E3	M/C #1 Penstock Flow	0.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	0.0
F3	Stream Parshall Flume to Yucaipa	0.0	(+)C3	Mill Creek Diversion (MC)	0.0	U3	**Total MC Deliveries**	0.0
G3	Observation at Garnet Bridge	40.0	(Σ)O3	**SBVWCD Spreading**	0.0	V3	Zanja West Weir to CWC Canal	0.0
H3			I3	Mentone Reser. Level (23.0)	20.2	W3	Mill Creek PH #2,3 Afterbay Spill	0.0
						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	0		I4	307	10,000
M4	**Santa Ana Rvr to Mill Creek**	SAR-MC	N4	0		O4	0	
B4	**Santa Ana River**	SWP	F4	0		J4	0	
C4	**Mill Creek**	MC	G4	0		K4	538	8,889
D4	**Mill Creek**	SWP	H4	0		L4	676	714
	SBVMWD	SWP		0			0	
	WMWD	SWP						

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: January 6,2011

Time: 0700

State Water Project

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	[1]EVWD Treatment Plant	0.0	(+)P	[1]SARC West	0.0
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	[1]Santa Ana Low Turnout	0.0	(+)Q	[1]Zanja	0.0
(+)C	Exchange Water	0.0	(+)J	[1]Northfork Canal	0.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	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	(Σ)V	**Total SWP Deliveries**	0.0

Santa Ana River

SOD Reservoir Elevation 2331.40

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	(+)N1	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	2.5	(+)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**	2.5	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	0.0
(Σ)G1	**SubTotal 1+2 SAR Inflows**	2.5	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal	0.0
(-)D1a	If BV p/u gated,divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	2.5	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	2.5	W1	Redlands Aqueduct Weir	1.7	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	0.0
I1	Redlands Tunnel	1.7	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]Big Bear Lake Release	25.0	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	[1)]**Total SAR Deliveries**	2.5
L1	SCE SAR AVM (SCADA)	0.0						

Mill Creek

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+) A3	RPU Flow	0.0	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	0.0
(+) 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	0.0	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(Σ) D3	**Total MC Inflows**	0.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja	0.0
E3	M/C #1 Penstock Flow	0.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	0.0
F3	Stream Parshall Flume to Yucaipa	0.0	(+)C3	Mill Creek Diversion (MC)	0.0	U3	**Total MC Deliveries**	0.0
G3	Observation at Garnet Bridge	40.0	(Σ)O3	**SBVWCD Spreading**	0.0	V3	Zanja West Weir to CWC Canal	0.0
H3			I3	Mentone Reser. Level (23.0)	20.7	W3	Mill Creek PH #2,3 Afterbay Spill	0.0
						Y3	Crafton Reser. Level (21.3)	18.8

SBVWCD Recharge

	Location	Type		Previous Day (AF)			WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4	0		I4	307	10,000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0		O4	0	
B4	Santa Ana River	SWP	F4	0		J4	0	
C4	Mill Creek	MC	G4	0		K4	538	8,889
D4	Mill Creek	SWP	H4	0		L4	676	714
	SBVMWD	SWP		0			0	
	WMWD	SWP						

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: January 5,2011

Time: 0700

State Water Project

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	[1]EVWD Treatment Plant	0.0	(+)P	[1]SARC West	0.0
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	[1]Santa Ana Low Turnout	0.0	(+)Q	[1]Zanja	0.0
(+)C	Exchange Water	0.0	(+)J	[1]Northfork Canal	0.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	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	(Σ)V	**Total SWP Deliveries**	0.0

Santa Ana River

SOD Reservoir Elevation N/A

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	(+)N1	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	2.5	(+)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**	2.5	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	0.0
(Σ)G1	**SubTotal 1+2 SAR Inflows**	2.5	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal	0.0
(-)D1a	If BV p/u gated,divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	2.5	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	2.5	W1	Redlands Aqueduct Weir	1.7	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	0.0
I1	Redlands Tunnel	1.7	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]Big Bear Lake Release	25.0	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	[1)]**Total SAR Deliveries**	2.5
L1	SCE SAR AVM (SCADA)	0.0						

Mill Creek

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+) A3	RPU Flow	0.0	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	0.0
(+) 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	0.0	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(Σ) D3	**Total MC Inflows**	0.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja	0.0
E3	M/C #1 Penstock Flow	0.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	0.0
F3	Stream Parshall Flume to Yucaipa	0.0	(+)C3	Mill Creek Diversion (MC)	0.0	U3	**Total MC Deliveries**	0.0
G3	Observation at Garnet Bridge	50.0	(Σ)O3	**SBVWCD Spreading**	0.0	V3	Zanja West Weir to CWC Canal	0.0
H3			I3	Mentone Reser. Level (23.0)	21.3	W3	Mill Creek PH #2,3 Afterbay Spill	0.0
						Y3	Crafton Reser. Level (21.3)	18.8

SBVWCD Recharge

	Location	Type		Previous Day (AF)			WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4	0		I4	307	10,000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0		O4	0	
B4	Santa Ana River	SWP	F4	0		J4	0	
C4	Mill Creek	MC	G4	0		K4	538	8,889
D4	Mill Creek	SWP	H4	0		L4	676	714
	SBVMWD	SWP		0			0	
	WMWD	SWP						

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: January 4,2011

Time: 0700

State Water Project

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries (continued)	Flow Rate (cfs)
(+)A	BBMWD In-lieu	0.0	(+)H	[1]EVWD Treatment Plant	0.0	(+)P	[1]SARC West	0.0
(+)B	Muni test @ Greenspot Sta.	0.0	(+)I	[1]Santa Ana Low Turnout	0.0	(+)Q	[1]Zanja	0.0
(+)C	Exchange Water	0.0	(+)J	[1]Northfork Canal	0.0	(+)R	[1]Tate Treatment Plant	0.0
(+)D	Purchased Water	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	(Σ)V	**Total SWP Deliveries**	0.0

Santa Ana River

SOD Reservoir Elevation 2328.10

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	(+)N1	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	2.5	(+)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**	2.5	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	0.0
(Σ)G1	**SubTotal 1+2 SAR Inflows**	2.5	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal	0.0
(-)D1a	If BV p/u gated,divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	2.5	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	2.5	W1	Redlands Aqueduct Weir	1.7	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	0.0
I1	Redlands Tunnel	1.7	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	0.0
J1	[a]Big Bear Lake Release	25.0	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	[1)]**Total SAR Deliveries**	2.5
L1	SCE SAR AVM (SCADA)	0.0						

Mill Creek

	Inflows	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)		Deliveries	Flow Rate (cfs)
(+) A3	RPU Flow	0.0	(+)I3	Yucaipa Regional Park	0.0	(+)P3	Tate Inflow	0.0
(+) 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	0.0	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(Σ) D3	**Total MC Inflows**	0.0	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja	0.0
E3	M/C #1 Penstock Flow	0.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	0.0
F3	Stream Parshall Flume to Yucaipa	0.0	(+)C3	Mill Creek Diversion (MC)	0.0	U3	**Total MC Deliveries**	0.0
G3	Observation at Garnet Bridge	50.0	(Σ)O3	**SBVWCD Spreading**	0.0	V3	Zanja West Weir to CWC Canal	0.0
H3			I3	Mentone Reser. Level (23.0)	20.7	W3	Mill Creek PH #2,3 Afterbay Spill	0.0
						Y3	Crafton Reser. Level (21.3)	17.8

SBVWCD Recharge

	Location	Type		Previous Day (AF)			WY To Date (AF)	Target
A4	Santa Ana River	SAR	E4	0		I4	307	10,000
M4	Santa Ana Rvr to Mill Creek	SAR-MC	N4	0		O4	0	
B4	Santa Ana River	SWP	F4	0		J4	0	
C4	Mill Creek	MC	G4	0		K4	538	8,889
D4	Mill Creek	SWP	H4	0		L4	676	714
	SBVMWD	SWP		0			0	
	WMWD	SWP						