Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: February 28, 2011

Time: 8:00

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 2354.00

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	4.0	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread	0.0
(+)E1	Main River Gage (USGS)	46.0	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	**BVMWC Highline**	0.0
Z1	**SOD ReleaseSubTotal D1+E1**	50.0	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	0.0
(Σ)G1	**SubTotal 1+2 SAR Inflows**	50.0	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal	0.0
(-)D1a	If BV p/u gated,divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.0	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	50.0	W1	Redlands Aqueduct Weir	1.5	(+)K2	Northfork Parshall Flume	4.0
H1	SBVWCD Diversion	46.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	4.0
I1	Redlands Tunnel	1.5	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	50.0
J1	[a]Big Bear Lake Release	1.3	(+)Z2	Cuttle Weir To River	0.0	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	0.0				(Σ)N2	[1)]**Total SAR Deliveries**	50.0
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	19.8	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	15.8
(+) C3	SBVWCD Mill Creek Diversion	23.2	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	2.0
(Σ) D3	**Total MC Inflows**	43.0	(+)L3	East Weir (MC)	15.8	(+)S3	East Weir to Zanja	4.0
E3	M/C #1 Penstock Flow	19.8	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	19.8
F3	Stream Parshall Flume to Yucaipa	0.0	(+)C3	Mill Creek Diversion (MC)	23.2	U3	**Total MC Deliveries**	43.0
G3	Observation at Garnet Bridge	2.0	(Σ)O3	**SBVWCD Spreading**	39.0	V3	Zanja West Weir to CWC Canal	0.0
H3			I3	Mentone Reser. Level (23.0)	21.7	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	298		I4	2,256	10,000
M4	**Santa Ana Rvr to Mill Creek**	**SAR-MC**	N4	0		O4		
B4	**Santa Ana River**	**SWP**	F4	0		J4	0	
C4	**Mill Creek**	**MC**	G4	17		K4	3,540	8,889
D4	**Mill Creek**	**SWP**	H4	30		L4	1,044	714
	SBVMWD	**SWP**		0			0	
	WMWD	**SWP**						

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: February 25, 2011

Time: 8:00

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 2348.70

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	4.3	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread	0.0
(+)E1	Main River Gage (USGS)	45.7	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	**BVMWC Highline**	0.0
Z1	**SOD ReleaseSubTotal D1+E1**	50.0	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	0.0
(Σ)G1	**SubTotal 1+2 SAR Inflows**	50.0	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal	0.0
(-)D1a	If BV p/u gated,divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.0	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	50.0	W1	Redlands Aqueduct Weir	1.5	(+)K2	Northfork Parshall Flume	4.3
H1	SBVWCD Diversion	45.7	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	4.3
I1	Redlands Tunnel	1.5	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	50.0
J1	[a]Big Bear Lake Release	1.3	(+)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**	50.0
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	12.7
(+) C3	SBVWCD Mill Creek Diversion	22.3	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	2.0
(Σ) D3	**Total MC Inflows**	41.6	(+)L3	East Weir (MC)	12.7	(+)S3	East Weir to Zanja	6.6
E3	M/C #1 Penstock Flow	19.3	(+)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)	22.3	U3	**Total MC Deliveries**	41.6
G3	Observation at Garnet Bridge	2.0	(Σ)O3	**SBVWCD Spreading**	35.0	V3	Zanja West Weir to CWC Canal	5.4
H3			I3	Mentone Reser. Level (23.0)	21.7	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	99		I4	1,958	10,000
M4	**Santa Ana Rvr to Mill Creek**	SAR-MC	N4	0		O4		
B4	**Santa Ana River**	SWP	F4	0		J4	0	
C4	**Mill Creek**	MC	G4	71		K4	3,522	8,889
D4	**Mill Creek**	SWP	H4	10		L4	1,015	714
	SBVMWD	SWP		0			0	
	WMWD	SWP						

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: February 24, 2011

Time: 7:00

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 2348.10

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	4.0	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread	0.0
(+)E1	Main River Gage (USGS)	44.0	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	**BVMWC Highline**	0.0
Z1	**SOD ReleaseSubTotal D1+E1**	48.0	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	0.0
(Σ)G1	**SubTotal 1+2 SAR Inflows**	48.0	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal	0.0
(-)D1a	If BV p/u gated,divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.0	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	48.0	W1	Redlands Aqueduct Weir	1.5	(+)K2	Northfork Parshall Flume	4.0
H1	SBVWCD Diversion	44.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	4.0
I1	Redlands Tunnel	1.5	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	48.0
J1	[a]Big Bear Lake Release	1.3	(+)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**	48.0
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	38.0	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(Σ) D3	**Total MC Inflows**	38.0	(+)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)	38.0	U3	**Total MC Deliveries**	38.0
G3	Observation at Garnet Bridge	2.0	(Σ)O3	**SBVWCD Spreading**	38.0	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)	21.1

SBVWCD Recharge

	Location	Type		Previous Day (AF)			WY To Date (AF)	Target
A4	**Santa Ana River**	SAR	E4	95		I4	1,874	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	75		K4	3,452	8,889
D4	**Mill Creek**	SWP	H4	10		L4	1,005	714
	SBVMWD	SWP		0			0	
	WMWD	SWP						

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: February 23, 2011

Time: 7:00

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 2347.50

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	0.0	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread	0.0
(+)E1	Main River Gage (USGS)	3.0	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	**BVMWC Highline**	0.0
Z1	**SOD ReleaseSubTotal D1+E1**	3.0	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	0.0
(Σ)G1	**SubTotal 1+2 SAR Inflows**	3.0	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal	0.0
(-)D1a	If BV p/u gated,divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.0	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	3.0	W1	Redlands Aqueduct Weir	1.5	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	3.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	0.0
I1	Redlands Tunnel	1.5	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	3.0
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**	3.0
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	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	38.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	0.0
(Σ) D3	**Total MC Inflows**	38.0	(+)C3	Mill Creek Diversion (MC)	38.0	U3	**Total MC Deliveries**	38.0
E3	M/C #1 Penstock Flow	0.0	(Σ)O3	**SBVWCD Spreading**	38.0	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)	19.8	Y3	Crafton Reser. Level (21.3)	20.6

SBVWCD Recharge

	Location	Type		Previous Day (AF)			WY To Date (AF)	Target
A4	**Santa Ana River**	**SAR**	E4	**36**		I4	**1,779**	**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	**75**		K4	**3,376**	**8,889**
D4	**Mill Creek**	**SWP**	H4	**10**		L4	**995**	**714**
	SBVMWD	**SWP**		**0**			**0**	
	WMWD	**SWP**						

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: February 22, 2011

Time: 7:00

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 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	3.5	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread	0.0
(+)E1	Main River Gage (USGS)	121.5	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	**BVMWC Highline**	0.0
Z1	**SOD ReleaseSubTotal D1+E1**	125.0	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	0.0
(Σ)G1	**SubTotal 1+2 SAR Inflows**	125.0	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal	0.0
(-)D1a	If BV p/u gated,divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.0	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	125.0	W1	Redlands Aqueduct Weir	1.3	(+)K2	Northfork Parshall Flume	3.5
H1	SBVWCD Diversion	121.5	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	3.5
I1	Redlands Tunnel	1.3	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	125.0
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**	125.0
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	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	34.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	0.0
(Σ) D3	**Total MC Inflows**	34.0	(+)C3	Mill Creek Diversion (MC)	34.0	U3	**Total MC Deliveries**	34.0
E3	M/C #1 Penstock Flow	0.0	(Σ)O3	**SBVWCD Spreading**	34.0	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)	19.6	Y3	Crafton Reser. Level (21.3)	21.1

SBVWCD Recharge

	Location	Type		Previous Day (AF)			WY To Date (AF)	Target
A4	**Santa Ana River**	**SAR**	E4	992		I4	1,743	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	140		K4	3,301	8,889
D4	**Mill Creek**	**SWP**	H4	40		L4	985	714
	SBVMWD	**SWP**		0			0	
	WMWD	**SWP**						

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	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 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	0.0	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread	0.0
(+)E1	Main River Gage (USGS)	4.8	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	**BVMWC Highline**	0.0
Z1	**SOD ReleaseSubTotal D1+E1**	4.8	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	0.0
(Σ)G1	**SubTotal 1+2 SAR Inflows**	4.8	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal	0.0
(-)D1a	If BV p/u gated,divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.0	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	4.8	W1	Redlands Aqueduct Weir	2.2	(+)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	2.2	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	4.8	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	[1)]**Total SAR Deliveries**	4.8
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	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	44.0						
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	**510**	**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	**3,074**	**8,889**
D4	**Mill Creek**	**SWP**	H4	**10**		L4	**935**	**714**
	SBVMWD	**SWP**		**0**			**0**	
	WMWD	**SWP**						

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	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 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	0.0	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread	0.0
(+)E1	Main River Gage (USGS)	5.3	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	**BVMWC Highline**	0.0
Z1	**SOD ReleaseSubTotal D1+E1**	5.3	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	0.0
(Σ)G1	**SubTotal 1+2 SAR Inflows**	5.3	(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	0.0	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	5.3	W1	Redlands Aqueduct Weir	2.0	(+)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	2.0	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	5.3	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	[1)]**Total SAR Deliveries**	5.3
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	44.0	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(Σ) D3	**Total MC Inflows**	44.0	(+)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)	44.0	U3	**Total MC Deliveries**	44.0
G3	Observation at Garnet Bridge	2.0	(Σ)O3	**SBVWCD Spreading**	44.0	V3	Zanja West Weir to CWC Canal	0.0
H3			I3	Mentone Reser. Level (23.0)	21.0	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	13		I4	510	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	74		K4	3,074	8,889
D4	**Mill Creek**	**SWP**	H4	10		L4	925	714
	SBVMWD	**SWP**		0			0	
	WMWD	**SWP**						

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	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 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	14.6	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread	0.0
(+)E1	Main River Gage (USGS)	610.0	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	**BVMWC Highline**	0.0
Z1	**SOD ReleaseSubTotal D1+E1**	624.6	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	1.3
(Σ)G1	**SubTotal 1+2 SAR Inflows**	624.6	(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	12.7	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	624.6	W1	Redlands Aqueduct Weir	1.1	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	154.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	1.3
I1	Redlands Tunnel	0.5	Y1	Redlands Sandbox Spill	0.0	(+) L2	**SBVWCD Parshall FlumeTo Basins**	154.0
J1	[a]Big Bear Lake Release	0.3	(+)Z2	Cuttle Weir To River	456.0	(Σ) C1	Greenspot Pipeline	0.0
K1	PH#3 Penstock (SCADA)	NA				(Σ)N2	[1)]**Total SAR Deliveries**	624.6
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	12.5
			(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	6.1
(+) A3	RPU Flow	0.0	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	2.2
(+) B3	M/C #3 Penstock	20.6	(+)L3	East Weir (MC)	6.1	(+)S3	East Weir to Zanja	2.0
(+) C3	SBVWCD Mill Creek Diversion	24.9	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	20.6
(Σ) D3	**Total MC Inflows**	45.5	(+)C3	Mill Creek Diversion (MC)	24.9	U3	**Total MC Deliveries**	45.5
E3	M/C #1 Penstock Flow	20.6	(Σ)O3	**SBVWCD Spreading**	31.0	V3	Zanja West Weir to CWC Canal	0.4
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)	19.7	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	191		I4	497	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	62		K4	3,000	8,889
D4	**Mill Creek**	**SWP**	H4	10		L4	915	714
	SBVMWD	**SWP**		0			0	
	WMWD	**SWP**						

Santa Ana River-Mill Creek Cooperative Water Project

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Date: February 14, 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 2359.42

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	2.0
(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	0.0	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	3.8	W1	Redlands Aqueduct Weir	2.3	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	2.0
I1	Redlands Tunnel	0.5	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**	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	12.5
(+) B3	M/C #3 Penstock	19.1	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	3.6
(+) C3	SBVWCD Mill Creek Diversion	27.4	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	2.2
(Σ) D3	**Total MC Inflows**	46.5	(+)L3	East Weir (MC)	3.6	(+)S3	East Weir to Zanja	3.0
E3	M/C #1 Penstock Flow	19.1	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	19.1
F3	Stream Parshall Flume to Yucaipa	0.0	(+)C3	Mill Creek Diversion (MC)	27.4	U3	**Total MC Deliveries**	46.5
G3	Observation at Garnet Bridge	2.0	(Σ)O3	**SBVWCD Spreading**	31.0	V3	Zanja West Weir to CWC Canal	0.0
H3			I3	Mentone Reser. Level (23.0)	19.9	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	149		K4	2,938	8,889
D4	Mill Creek	SWP	H4	30		L4	906	714
	SBVMWD	SWP		0			0	
	WMWD	SWP						

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: February 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	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 2357.90

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	3.6	(+)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	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**	3.6	W1	Redlands Aqueduct Weir	3.1	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	1.0
I1	Redlands Tunnel	0.5	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**	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	15.3
(+) B3	M/C #3 Penstock	20.3	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	2.0
(+) C3	SBVWCD Mill Creek Diversion	24.0	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	1.1
(Σ) D3	**Total MC Inflows**	44.3	(+)L3	East Weir (MC)	2.0	(+)S3	East Weir to Zanja	3.0
E3	M/C #1 Penstock Flow	20.3	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	20.3
F3	Stream Parshall Flume to Yucaipa	0.0	(+)C3	Mill Creek Diversion (MC)	24.0	U3	**Total MC Deliveries**	44.3
G3	Observation at Garnet Bridge	2.0	(Σ)O3	**SBVWCD Spreading**	26.0	V3	Zanja West Weir to CWC Canal	1.1
H3			I3	Mentone Reser. Level (23.0)	21.5	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	53		K4	2,789	8,889
D4	**Mill Creek**	**SWP**	H4	10		L4	876	714
	SBVMWD	**SWP**		0			0	
	WMWD	**SWP**						

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: February 10, 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 2357.66

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	3.0	(+)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**	0.0
Z1	**SOD ReleaseSubTotal D1+E1**	3.0	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	0.0
(Σ)G1	**SubTotal 1+2 SAR Inflows**	3.0	(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	0.0	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	3.0	W1	Redlands Aqueduct Weir	2.4	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	1.1
I1	Redlands Tunnel	0.5	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**	3.0
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	17.6
(+) B3	M/C #3 Penstock	21.3	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	0.0
(+) C3	SBVWCD Mill Creek Diversion	24.0	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	1.1
(Σ) D3	**Total MC Inflows**	45.3	(+)L3	East Weir (MC)	0.0	(+)S3	East Weir to Zanja	3.7
E3	M/C #1 Penstock Flow	21.3	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	21.3
F3	Stream Parshall Flume to Yucaipa	0.0	(+)C3	Mill Creek Diversion (MC)	24.0	U3	**Total MC Deliveries**	45.3
G3	Observation at Garnet Bridge	2.0	(Σ)O3	**SBVWCD Spreading**	24.0	V3	Zanja West Weir to CWC Canal	0.8
H3			I3	Mentone Reser. Level (23.0)	22.0	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	31		K4	2,714	8,889
D4	Mill Creek	SWP	H4	10		L4	866	714
	SBVMWD	SWP		0			0	
	WMWD	SWP						

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: February 9, 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 2356.90

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	2.9	(+)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**	0.0
Z1	**SOD ReleaseSubTotal D1+E1**	2.9	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	0.0
(Σ)G1	**SubTotal 1+2 SAR Inflows**	2.9	(Σ) C1	Greenspot Pipeline	0.0	(+) H2	Edwards Canal	1.0
(-)D1a	If BV p/u gated,divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.0	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	2.9	W1	Redlands Aqueduct Weir	2.4	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	1.0
I1	Redlands Tunnel	0.5	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**	2.9
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	20.0	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	17.0
(+) C3	SBVWCD Mill Creek Diversion	24.0	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	1.1
(Σ) D3	**Total MC Inflows**	44.0	(+)L3	East Weir (MC)	17.0	(+)S3	East Weir to Zanja	3.0
E3	M/C #1 Penstock Flow	20.0	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	20.0
F3	Stream Parshall Flume to Yucaipa	0.0	(+)C3	Mill Creek Diversion (MC)	24.0	U3	**Total MC Deliveries**	44.0
G3	Observation at Garnet Bridge	2.0	(Σ)O3	**SBVWCD Spreading**	41.0	V3	Zanja West Weir to CWC Canal	1.5
H3			I3	Mentone Reser. Level (23.0)	21.4	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	81		K4	2,683	8,889
D4	Mill Creek	SWP	H4	10		L4	856	714
	SBVMWD	SWP		0			0	
	WMWD	SWP						

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: February 8 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	6.3	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	6.3	(+)M	[1]Crafton Unger Lane	0.0	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	6.3	(+)N	[1]BVMWC Boullioun Box	0.0	(Σ)V	**Total SWP Deliveries**	6.3

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	3.1	(+)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**	3.1	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	0.9
(Σ)G1	**SubTotal 1+2 SAR Inflows**	3.1	(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	0.0	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	3.1	W1	Redlands Aqueduct Weir	2.8	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	2.8	(Σ) I2	**Tailrace Pipeline**	0.9
I1	Redlands Tunnel	0.6	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**	3.1
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	20.3	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	16.2
(+) C3	SBVWCD Mill Creek Diversion	24.8	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	2.0
(Σ) D3	**Total MC Inflows**	45.1	(+)L3	East Weir (MC)	16.2	(+)S3	East Weir to Zanja	4.1
E3	M/C #1 Penstock Flow	20.3	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	20.3
F3	Stream Parshall Flume to Yucaipa	0.0	(+)C3	Mill Creek Diversion (MC)	24.8	U3	**Total MC Deliveries**	45.1
G3	Observation at Garnet Bridge	1.0	(Σ)O3	**SBVWCD Spreading**	41.0	V3	Zanja West Weir to CWC Canal	1.2
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)	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	81		K4	2,602	8,889
D4	Mill Creek	SWP	H4	18		L4	846	714
	SBVMWD	SWP		0			0	
	WMWD	SWP						

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	8.3	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	8.3	(+)M	[1]Crafton Unger Lane	0.0	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	8.3	(+)N	[1]BVMWC Boullioun Box	0.0	(Σ)V	**Total SWP Deliveries**	8.3

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	3.1	(+)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**	3.1	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	0.0
(Σ)G1	**SubTotal 1+2 SAR Inflows**	3.1	(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	0.0	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	3.1	W1	Redlands Aqueduct Weir	0.0	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	0.0
I1	Redlands Tunnel	0.8	Y1	Redlands Sandbox Spill	3.9	(+) 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**	3.1
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	21.5	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	16.9
(+) C3	SBVWCD Mill Creek Diversion	24.1	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	2.0
(Σ) D3	**Total MC Inflows**	45.6	(+)L3	East Weir (MC)	16.9	(+)S3	East Weir to Zanja	4.6
E3	M/C #1 Penstock Flow	21.5	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	21.5
F3	Stream Parshall Flume to Yucaipa	0.0	(+)C3	Mill Creek Diversion (MC)	24.1	U3	**Total MC Deliveries**	45.6
G3	Observation at Garnet Bridge	1.0	(Σ)O3	**SBVWCD Spreading**	41.0	V3	Zanja West Weir to CWC Canal	0.4
H3			I3	Mentone Reser. Level (23.0)	21.6	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	244		K4	2,520	8,889
D4	Mill Creek	SWP	H4	36		L4	828	714
	SBVMWD	SWP		0			0	
	WMWD	SWP						

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	6.3	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	6.3	(+)M	[1]Crafton Unger Lane	0.0	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	6.3	(+)N	[1]BVMWC Boullioun Box	0.0	(Σ)V	**Total SWP Deliveries**	6.3

Santa Ana River

SOD Reservoir Elevation 2354.30

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	3.1	(+)R1	BVMWC Highline to Boullioun	0.0	(+) F2	SBVWCD Mill Creek Spread	0.0
(+)E1	Main River Gage (USGS)	0.0	(+)S1	Crafton WC Boullioun	0.0	(Σ) B1	**BVMWC Highline**	0.0
Z1	**SOD ReleaseSubTotal D1+E1**	3.1	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	0.0
(Σ)G1	**SubTotal 1+2 SAR Inflows**	3.1	(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**	3.1	W1	Redlands Aqueduct Weir	2.9	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	2.9	(Σ) I2	**Tailrace Pipeline**	1.0
I1	Redlands Tunnel	0.8	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**	3.1
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	20.1	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	14.7
(+) C3	SBVWCD Mill Creek Diversion	29.0	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	2.0
(Σ) D3	**Total MC Inflows**	49.1	(+)L3	East Weir (MC)	14.7	(+)S3	East Weir to Zanja	5.4
E3	M/C #1 Penstock Flow	20.1	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	20.1
F3	Stream Parshall Flume to Yucaipa	0.0	(+)C3	Mill Creek Diversion (MC)	29.3	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	0.0
H3			I3	Mentone Reser. Level (23.0)	19.8	W3	Mill Creek PH #2,3 Afterbay Spill	0.0
						Y3	Crafton Reser. Level (21.3)	19.4

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	2,276	8,889
D4	Mill Creek	SWP	H4	18		L4	792	714
	SBVMWD	SWP		0			0	
	WMWD	SWP						

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	7.1	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	7.1	(+)M	[1]Crafton Unger Lane	0.0	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	7.1	(+)N	[1]BVMWC Boullioun Box	0.0	(Σ)V	**Total SWP Deliveries**	7.1

Santa Ana River

SOD Reservoir Elevation 2353.70

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	3.1	(+)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**	3.1	(+)T1	Tate Pump Station to Zanja	0.0	(+) G2	Northfork Canal Weir	0.0
(Σ)G1	**SubTotal 1+2 SAR Inflows**	3.1	(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**	3.1	W1	Redlands Aqueduct Weir	2.9	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	2.9	(Σ) I2	**Tailrace Pipeline**	1.0
I1	Redlands Tunnel	0.8	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**	3.1
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	14.4
(+) A3	RPU Flow	0.0	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	0.0
(+) B3	M/C #3 Penstock	18.8	(+)L3	East Weir (MC)	14.4	(+)S3	East Weir to Zanja	4.4
(+) C3	SBVWCD Mill Creek Diversion	29.6	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	18.8
(Σ) D3	**Total MC Inflows**	48.4	(+)C3	Mill Creek Diversion (MC)	29.6	U3	**Total MC Deliveries**	48.4
E3	M/C #1 Penstock Flow	18.8	(Σ)O3	**SBVWCD Spreading**	44.0	V3	Zanja West Weir to CWC Canal	1.2
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)	20.2	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	2,189	8,889
D4	**Mill Creek**	**SWP**	H4	20		L4	774	714
	SBVMWD	**SWP**		0			0	
	WMWD	**SWP**						

Santa Ana River-Mill Creek Cooperative Water Project

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Date: February 2, 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	6.9	(+)T	[1]Newport for BVMWC	0.0
(+)F	Recharge Project	6.9	(+)M	[1]Crafton Unger Lane	0.0	(+)U	[1]M/C spreading @ ZT	0.0
(Σ)G	**Total SWP Inflows**	6.9	(+)N	[1]BVMWC Boullioun Box	0.0	(Σ)V	**Total SWP Deliveries**	6.9

Santa Ana River

SOD Reservoir Elevation 2353.30

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	0.7
(-)D1a	If BV p/u gated,divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.0	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	2.5	W1	Redlands Aqueduct Weir	2.6	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	2.6	(Σ) I2	**Tailrace Pipeline**	0.7
I1	Redlands Tunnel	0.8	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**	2.5
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	18.9	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	16.3
(+) C3	SBVWCD Mill Creek Diversion	27.7	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	2.0
(Σ) D3	**Total MC Inflows**	46.6	(+)L3	East Weir (MC)	16.3	(+)S3	East Weir to Zanja	2.6
E3	M/C #1 Penstock Flow	18.9	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	18.9
F3	Stream Parshall Flume to Yucaipa	0.0	(+)C3	Mill Creek Diversion (MC)	27.7	U3	**Total MC Deliveries**	46.6
G3	Observation at Garnet Bridge	1.0	(Σ)O3	**SBVWCD Spreading**	44.0	V3	Zanja West Weir to CWC Canal	0.3
H3			I3	Mentone Reser. Level (23.0)	21.0	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	2,102	8,889
D4	**Mill Creek**	**SWP**	H4	19		L4	754	714
	SBVMWD	**SWP**		0			0	
	WMWD	**SWP**						

Santa Ana River-Mill Creek Cooperative Water Project

Daily Flow Report

Date: February 1, 2011

Time: 0830

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 2353.30

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	0.8
(-)D1a	If BV p/u gated,divert to SAR= "Y"		(+)V1	PH#3 Afterbay SpillLoss to SAR	0.0	(+) J2	Tailrace Valve	0.0
(Σ)A5	**Total SAR Inflows**	2.5	W1	Redlands Aqueduct Weir	2.6	(+)K2	Northfork Parshall Flume	0.0
H1	SBVWCD Diversion	0.0	X1	SBVWCD Mill Creek Spreading	0.0	(Σ) I2	**Tailrace Pipeline**	0.8
I1	Redlands Tunnel	0.9	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**	2.5
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	19.8	(+)J3	Wilson Creek Spreading	0.0	(+)Q3	East Weir to Mill Creek	15.2
(+) C3	SBVWCD Mill Creek Diversion	30.8	(Σ)K3	**Yucaipa Pipeline**	0.0	(+)R3	Boullioun to BVMWC Highline	2.0
(Σ) D3	**Total MC Inflows**	50.6	(+)L3	East Weir (MC)	15.2	(+)S3	East Weir to Zanja	4.6
E3	M/C #1 Penstock Flow	19.8	(+)M3	BVHL (SAR)	0.0	(Σ)T3	Mill Creek #1 Flow (Cooley Hat)	19.8
F3	Stream Parshall Flume to Yucaipa	0.0	(+)C3	Mill Creek Diversion (MC)	30.8	U3	**Total MC Deliveries**	50.6
G3	Observation at Garnet Bridge	1.0	(Σ)O3	**SBVWCD Spreading**	46.0	V3	Zanja West Weir to CWC Canal	0.3
H3			I3	Mentone Reser. Level (23.0)	21.5	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	91		K4	2,015	8,889
D4	**Mill Creek**	**SWP**	H4	10		L4	735	714
	SBVMWD	**SWP**		0			0	
	WMWD	**SWP**						