Daily Flow Report Summary

Date: 11/2/2015

Time: 6:50:00 AM

| | Flow Rate (cfs) | |
|-----------|-----------------------------|-----|
| A5 | Total SAR Inflows | 8.0 |
| N2 | Total SAR Deliveries | 8.0 |
| A1 | SAR PH#3 Penstock (calc) | 0.0 |
| B1 | BVMWC Highline | 4.1 |
| C1 | Greenspot Pipeline | 0.0 |
| L2 | SBVWCD Parshall Flume | 0.0 |
| G2 | North Fork Canal Weir | 0.0 |
| H2 | Edwards Canal | 0.9 |
| W1 | Redlands Aqueduct (calc) | 3.0 |

| | Flow Rate (cfs) | |
|----|----------------------------|-----|
| D3 | Total MC Inflows | 6.8 |
| U3 | Total MC Deliveries | 6.8 |
| К3 | Yucaipa Pipeline | 0.0 |
| 03 | SBVWCD Spreading | 0.0 |
| Т3 | MC #1 Flow (Cooley Hat) | 6.8 |

| | State Water Project | | | | |
|---|----------------------|------|--|--|--|
| G | Total SWP Inflows | 13.7 | | | |
| ٧ | Total SWP Deliveries | 13.7 | | | |
| J | Northfork Canal | 7.7 | | | |
| L | Redlands Aqueduct | 6.0 | | | |
| М | Crafton Unger Lane | 0.0 | | | |
| Т | Newport to BVMWC | 0.0 | | | |

| Reservoir Levels | Feet |
|--------------------------------|------|
| Observation at SOD | 2155 |
| Crafton Reservoir Level (21.3) | 16.6 |
| Mentone Reservoir Level | 21.2 |

| River Recharge | AF |
|------------------------------|-----|
| Estimate SAR Recharge | 0.0 |
| Estimate Mill Creek Recharge | 0.0 |
| Total River Recharge | 0.0 |

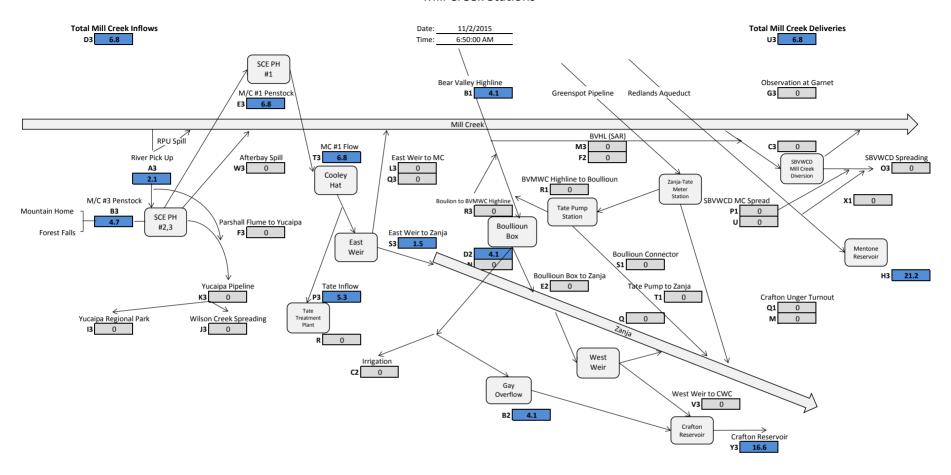
| Location | Туре | WY to Date (AF) | Target |
|-------------------------------|--------|-----------------|---------|
| Santa Ana River | SAR | 197 | 123,000 |
| Santa Ana River to Mill Creek | SAR-MC | 0 | 0 |
| Santa Ana River | SWP | 0 | 0 |
| Mill Creek | MC | 44 | 73,800 |
| Mill Creek | SWP | 0 | 714 |
| SBVMWD | SWP | 0 | 0 |
| WMWD | SWP | 0 | 0 |

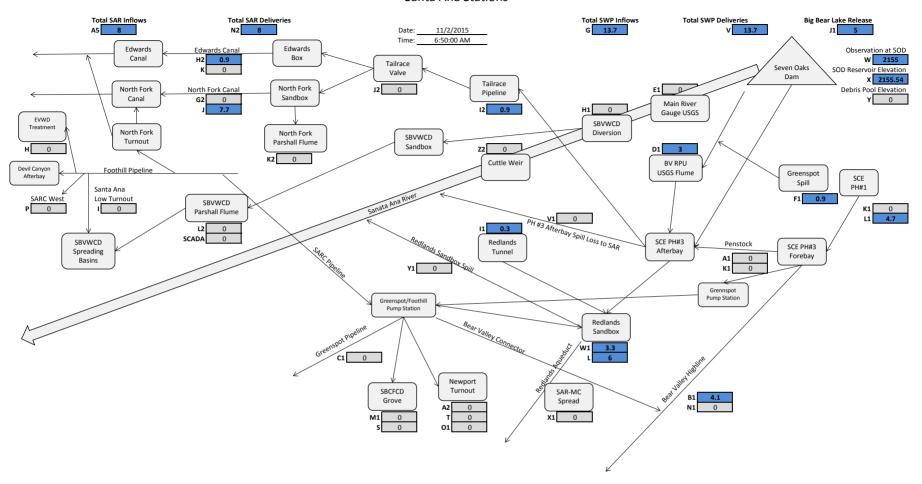
Notes: Numbers on the Daily Flow Report are a snapshot of water at a given location at the time of the read, normally very early in the morning, and not necessarily what is at that location thruout the day. Also, as of June 1st, all East Valley and Redlands SWP water, as well as Newport and Crafton Unger Lane, is In Lieu water, and not purchased.

Daily Flow Report

| | | | | Daily F | low R | Report | | | | |
|--------------------------------------|-------------|------|----------------------------------|-----------|----------|----------------------------------|-------------------|-----|-----------------------------------|-------|
| | | | | |)15 | | | | | |
| Time: <u>6:</u> 5 | | | | | AM | | | | | |
| State Water Project | | | | | | | | | | |
| Inflows | | | _ | Deli | veries | | | | | |
| A BBMWD In-lieu | 13.7 | Н | EVWD Treatment Plant | 0.0 | Р | SARC West | 0.0 | | | |
| B Muni test at Greenspot Station | 0.0 | 1 | Santa Ana Low Turnout | 0.0 | Q | Zanja | 0.0 | | | |
| c Exchange Water | 0.0 | J | Northfork Canal | 7.7 | R | Tate Treatment Plant | 0.0 | | | |
| Purchased Water | 0.0 | К | Edwards Canal | 0.0 | S | SBCFCD Grove | 0.0 | | | |
| E Redlands Aqueduct Leakage | 0.0 | L | Redlands Aqueduct | 6.0 | Т | Newport for BVMWC | 0.0 | | | |
| F Recharge Project | 0.0 | М | Crafton Unger Lane | 0.0 | U | M/C spreading at Zanja Tate | 0.0 | | | |
| G Total SWP Inflov | /s 13.7 | N | BVMWC Boullioun Box | 0.0 | ν | Total SWP Deliveries | 13.7 | | | |
| | | | Sa | anta Ana | Rive | r Inflows | | | | |
| SAR PH #3 Penstock (calc | | | BVMWC Highline | | | SOD Release Subtotal | | | Total SAR Inflows | |
| G2 Northfork Canal Weir | 0.0 | A2 | Newport | 0.0 | D1 | BVMWC River PU (USGS) | 3.0 | A1 | SAR PH #3 Penstock (calc) | 0.0 |
| H2 Edwards Canal | 0.9 | D2 | Boullioun Box Weir | 4.1 | E1 | Main River Gage (USGS) | 0.0 | B1 | BVMWC Highline | 4.1 |
| J2 Tailrace Valve to Parshall Flume | 0.0 | E2 | Boullioun Box to Zanja | 0.0 | Z1 | SOD Release Subtotal | 3.0 | C1 | Greenspot Pipeline | 0.0 |
| K2 Northfork Parshall Flume | 0.0 | F2 | SBVWCD Mill Creek Spreading | 0.0 | | | | D1 | BVMWC River PU (USGS) | 3.0 |
| V1 PH#3 Afterbay SpillLoss to SAR | 0.0 | B1 | BVMWC Highline | 4.1 | | Seven Oaks Dam | | F1 | Greenspot Spill | 0.9 |
| w1 Redlands Aqueduct / Sandbox | 3.3 | 1 | | 1 | w | Observation at SOD | 2155.0 | _ | Main River Gage (USGS) | 0.0 |
| Y1 Redlands Sandbox Spill | 0.0 | l | Other | | 1 × | SOD Reservoir Elevation (scada) | 2155.5 | _ | BV Pick-Up gated | |
| глешаная ванивох эриг | minus | J1 | Big Bear Lake Release | 5.0 | Y | Debris Pool Elevation | 0.0 | A5 | Total SAR Inflows | 8.0 |
| F1 Greenspot Spill | 0.9 | - | SCE SAR AVM (SCADA) | 4.7 | | Debrio i doi Elevation | 0.0 | | | 1 |
| D1 BVMWC River PU (USGS) | 3.0 | X1 | SAR-MC Spread (Red. Aqueduct) | 0.0 | | | | | | |
| 11 Redlands Tunnel | 0.3 | ╟┈ | Still Me Spread (near riqueduct) | 0.0 | ı | | | | | |
| A1 SAR PH #3 Penstock (cal | | ł | | | | | | | | |
| K1 PH3# Penstock (SCAD) | | i | | | | | | | | |
| (| 71 | | Sar | nta Ana F | Rivor | Deliveries | | | | |
| Greenspot Pipeline | | | Tailrace Pipeline | ita Ana i | I | SBVWCD Parshall FlumeTo Basir | 26 | | Deliveries | |
| M1 SBCFCD Grove | 0.0 | H | 1 | 0.0 | 12 | Tailrace Valve to Parshall Flume | | V/1 | SAR PH #3 Afterbay Spill | 0.0 |
| | | G2 | | 0.0 | ! | | 0.0 | _ | , , | 0.0 |
| | 0.0 | H2 | Edwards Canal | 0.9 | K2 | Northfork Parshall Flume | 0.0 | _ | Redlands Aqueduct / Sandbox | 3.3 |
| 01 Newport for BVMWC | 0.0 | J2 | Tailrace Valve to Parshall Flume | 0.0 | H1 | | 0.0 | _ | Redlands Sandbox Spill | 0.0 |
| P1 SBVWCD Mill Creek Spreading | 0.0 | K2 | Northfork Parshall Flume | 0.0 | L2 | SBVWCD Parshall Flume | 0.0 | _ | Cuttle Weir To River | 0.0 |
| Q1 Crafton WC Unger Lane | 0.0 | 12 | Tailrace Pipeline | 0.9 | | Parshall Flume (SCADA) | 0.0 | B1 | BVMWC Highline | 4.1 |
| R1 BVMWC Highline to Boullioun | 0.0 | | | | | | | C1 | Greenspot Pipeline | 0.0 |
| S1 Crafton WC Boullioun | 0.0 | | | | | Irrigation | | 12 | Tailrace Pipeline | 0.9 |
| Tate Pump Station to Zanja | 0.0 | | | | D2 | Boullioun Box Weir | 4.1 | L2 | SBVWCD Parshall Flume | 0.0 |
| C1 Greenspot Pipelir | e 0.0 | | | | | | minus | | | minus |
| | | | | | B2 | Gay Overflow | 4.1 | J2 | Tailrace Valve to Parshall Flume | 0.0 |
| | | | | | C2 | Irrigation | 0.0 | K2 | Northfork Parshall Flume | 0.0 |
| | | | | | | | | 11 | Redlands Tunnel | 0.3 |
| | | | | | | | | N2 | Total SAR Deliveries | 8.0 |
| | | | | Mill Cre | ek Ir | nflows | | | | |
| Total MC Inflows | | 1 | Other | | 1 | | | | | |
| A3 RPU Flow | 2.1 | E3 | M/C #1 Penstock Flow | 6.8 | i | | | | | |
| B3 M/C #3 Penstock | 4.7 | F3 | Stream Parshall Flume to Yucaipa | 0.0 | i | | | | | |
| c3 SBVWCD Mill Creek Diversion | 0.0 | G3 | Observation at Garnet | 0.0 | l | | | | | |
| D3 Total MC Inflov | | _ G3 | Observation at Garnet | 0.0 | l | | | | | |
| 10tal MC IIIIlov | 15 0.0 | J | | | | | | | | |
| | | | | Mill Cree | ек De | | | | | |
| Yucaipa Pipeline | | | MC #1 Flow (Cooley Hat) | | I | Total MC Deliveries | | | Other | |
| 13 Yucaipa Regional Park | 0.0 | Р3 | Tate Inflow | 5.3 | C3 | SBVWCD Mill Creek Diversion | 0.0 | Н3 | Mentone Reservoir Level | 21.2 |
| _{J3} Wilson Creek Spreading | 0.0 | Q3 | East Weir to Mill Creek | 0.0 | Т3 | Mill Creek #1 Flow (Cooley Hat) | 6.8 | R3 | Boullioun to BVMWC Highline | 0.0 |
| кз Yucaipa Pipelir | e 0.0 | S3 | East Weir to Zanja | 1.5 | U3 | Total MC Deliveries | 6.8 | V3 | Zanja West Weir to CWC Canal | 0.0 |
| | | Т3 | MC #1 Flow (Cooley Hat) | 6.8 | | | | W3 | Mill Creek PH #2,3 Afterbay Spill | 0.0 |
| SBVWCD MC Spreading | | | | | = | | | Y3 | Crafton Reservoir Level (21.3) | 16.6 |
| C3 SBVWCD Mill Creek Diversion | 0.0 |] | | | | | | | | Р |
| L3 East Weir (MC) | 0.0 | 1 | | | | | | | | |
| M3 BVHL (SAR) | 0.0 | 1 | | | | | | | | |
| x1 SAR-MC Spread (Red. Aqueduct) | 0.0 | 1 | | | | | | | | |
| O3 SBVWCD MC Spreadin | _ | 1 | | | | | | | | |
| SBVWCD Recharge | | | | | | | | | | |
| Location | | | | | | | | | | |
| A4 Santa Ana River | Type SAR | E4 | Previous Day (AF) 0.0 | | 14 | WY To Date (AF) 197.4 | Target 123,000 | | | |
| M4 Santa Ana Rvr to Mill Creek | SAR-MC | N4 | 0.0 | | 04 | 0.0 | -, | | | |
| I I | | | t | | | 1 | | | | |

| | 3DV WCD Recharge | | | | | | | |
|---------------------------------|-----------------------------|-------------------|--------------------------|-----|----------------------|------------------------------|-------|---------|
| Location Type | | Previous Day (AF) | | | | WY To Date (AF) | | |
| A4 | Santa Ana River | SAR | E4 | 0.0 | | 14 | 197.4 | 123,000 |
| M4 | Santa Ana Rvr to Mill Creek | SAR-MC | N4 | 0.0 | | 04 | 0.0 | |
| B4 | Santa Ana River | SWP | F4 | 0.0 | | J4 | 0.0 | |
| C4 | Mill Creek | MC | G4 | 0.0 | | K4 | 44.2 | 73,800 |
| D4 | Mill Creek | SWP | H4 | 0.0 | | L4 | 0 | 714 |
| | SBVMWD | SWP | | | | | | |
| | WMWD | SWP | | | | | | |
| SAF | SAR Passing Cuttle Weir | | Share of Lost Flow | | 0 | Estimate SAR Recharge | | 0 |
| Mill Creek Passing Garnet | | 0 | Share of Lost Flow 0 | | 0 | Estimate Mill Creek Recharge | | 0 |
| Flow in the River Above Alabama | | 0 | Flowing Beyond Alabama 0 | | Total River Recharge | | 0 | |





Daily Flow Report Summary

Date: 11/3/2015

Time: 6:30:00 AM

| | Flow Rate (cfs) | |
|----|--------------------------|-----|
| Α5 | Total SAR Inflows | 8.3 |
| N2 | Total SAR Deliveries | 8.3 |
| A1 | SAR PH#3 Penstock (calc) | 0.0 |
| B1 | BVMWC Highline | 4.0 |
| C1 | Greenspot Pipeline | 0.0 |
| L2 | SBVWCD Parshall Flume | 3.5 |
| G2 | North Fork Canal Weir | 0.0 |
| H2 | Edwards Canal | 0.8 |
| W1 | Redlands Aqueduct (calc) | 0.0 |

| | Mill Creek | | | | |
|----|----------------------------|-----|--|--|--|
| D3 | Total MC Inflows | 9.0 | | | |
| U3 | Total MC Deliveries | 9.0 | | | |
| К3 | Yucaipa Pipeline | 0.0 | | | |
| 03 | SBVWCD Spreading | 0.0 | | | |
| Т3 | MC #1 Flow (Cooley Hat) | 9.0 | | | |

| | State Water Project | | | | |
|---|----------------------|------|--|--|--|
| G | Total SWP Inflows | 14.6 | | | |
| ٧ | Total SWP Deliveries | 14.6 | | | |
| J | Northfork Canal | 7.7 | | | |
| L | Redlands Aqueduct | 6.0 | | | |
| М | Crafton Unger Lane | 0.0 | | | |
| Т | Newport to BVMWC | 0.9 | | | |

| Reservoir Levels | Feet |
|--------------------------------|------|
| Observation at SOD | 2155 |
| Crafton Reservoir Level (21.3) | 18 |
| Mentone Reservoir Level | 20.4 |

| River Recharge | AF |
|------------------------------|-----|
| Estimate SAR Recharge | 0.0 |
| Estimate Mill Creek Recharge | 0.0 |
| Total River Recharge | 0.0 |

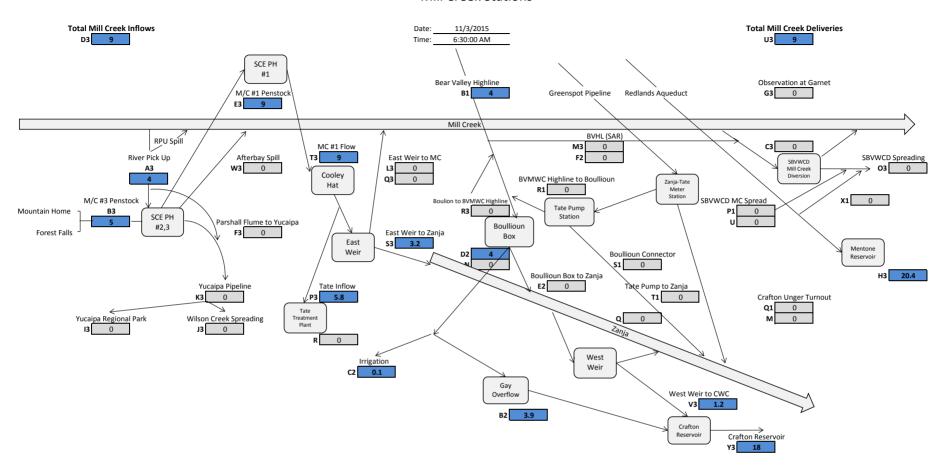
| Location | Туре | WY to Date (AF) | Target |
|-------------------------------|--------|-----------------|---------|
| Santa Ana River | SAR | 200 | 123,000 |
| Santa Ana River to Mill Creek | SAR-MC | 0 | 0 |
| Santa Ana River | SWP | 0 | 0 |
| Mill Creek | MC | 44 | 73,800 |
| Mill Creek | SWP | 0 | 714 |
| SBVMWD | SWP | 0 | 0 |
| WMWD | SWP | 0 | 0 |

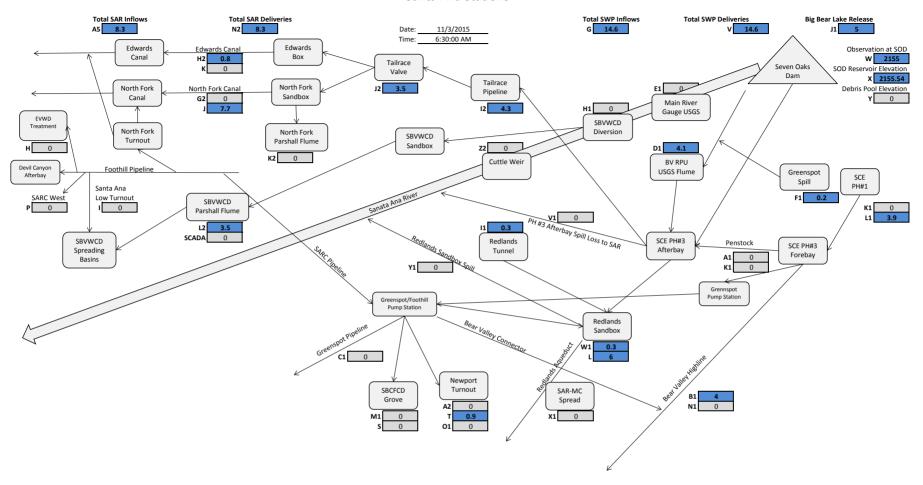
Notes: Numbers on the Daily Flow Report are a snapshot of water at a given location at the time of the read, normally very early in the morning, and not necessarily what is at that location thruout the day. Also, as of June 1st, all East Valley and Redlands SWP water, as well as Newport and Crafton Unger Lane, is In Lieu water, and not purchased.

Daily Flow Report

Date: Time: 11/3/2015 6:30:00 AM

| Г | State Water Project | | | | | | | | | | |
|----------------------|---|--------------------------------|------------------------|----------------------------------|-----------|-------------------|--|-------------------|----------------|---|--------------|
| Ē | Inflows Deliveries | | | | | | | | | | |
| Α | BBMWD In-lieu | 14.6 | Н | EVWD Treatment Plant | 0.0 | Р | SARC West | 0.0 | | | |
| В | Muni test at Greenspot Station | 0.0 | 1 | Santa Ana Low Turnout | 0.0 | Q | Zanja | 0.0 | | | |
| С | Exchange Water | 0.0 | J | Northfork Canal | 7.7 | R | Tate Treatment Plant | 0.0 | | | |
| D | Purchased Water | 0.0 | K | Edwards Canal | 0.0 | S | SBCFCD Grove | 0.0 | | | |
| Е | Redlands Aqueduct Leakage | 0.0 | L | Redlands Aqueduct | 6.0 | T | Newport for BVMWC | 0.9 | | | |
| F | Recharge Project | 0.0 | М | Crafton Unger Lane | 0.0 | _ | M/C spreading at Zanja Tate | 0.0 | | | |
| G | Total SWP Inflows | 14.6 | N | BVMWC Boullioun Box | 0.0 | V | Total SWP Deliveries | 14.6 | | | |
| | | | _ | | inta Ana | Rive | r Inflows | | _ | | |
| G2 | SAR PH #3 Penstock (calc) Northfork Canal Weir | 0.0 | | BVMWC Highline Newport | 0.0 | D1 | SOD Release Subtotal BVMWC River PU (USGS) | 4.1 | ۸1 | Total SAR Inflows SAR PH #3 Penstock (calc) | 0.0 |
| H2 | Edwards Canal | 0.0 | A2 | Boullioun Box Weir | 4.0 | - | Main River Gage (USGS) | 0.0 | | BVMWC Highline | 4.0 |
| J2 | Tailrace Valve to Parshall Flume | 3.5 | D2 E2 | Boullioun Box to Zanja | 0.0 | Z1 | SOD Release Subtotal | 4.1 | \blacksquare | Greenspot Pipeline | 0.0 |
| K2 | Northfork Parshall Flume | 0.0 | F2 | SBVWCD Mill Creek Spreading | 0.0 | | 30D Release Subtotal | 7.1 | | BVMWC River PU (USGS) | 4.1 |
| V1 | PH#3 Afterbay SpillLoss to SAR | 0.0 | B1 | BVMWC Highline | 4.0 | | Seven Oaks Dam | | - | Greenspot Spill | 0.2 |
| W1 | Redlands Aqueduct / Sandbox | 0.3 | | DVIII C I II GIIII C | 4.0 | .w/ | Observation at SOD | 2155.0 | - | Main River Gage (USGS) | 0.0 |
| Y1 | Redlands Sandbox Spill | 0.0 | | Other | | - | SOD Reservoir Elevation (scada) | 2155.5 | - | BV Pick-Up gated | 0.0 |
| - | nearand sandbox spin | minus | J1 | Big Bear Lake Release | 5.0 | Y | Debris Pool Elevation | 0.0 | A5 | Total SAR Inflows | 8.3 |
| F1 | Greenspot Spill | 0.2 | L1 | SCE SAR AVM (SCADA) | 3.9 | | | | | | |
| D1 | BVMWC River PU (USGS) | 4.1 | X1 | SAR-MC Spread (Red. Aqueduct) | 0.0 | | | | | | |
| I1 | Redlands Tunnel | 0.3 | | · · · · | | | | | | | |
| A1 | · · · · · · | 0.0 | | | | | | | | | |
| К1 | PH3# Penstock (SCADA) | 0.0 | | | | | | | | | |
| <u> </u> | | | | | nta Ana F | River | Deliveries | | | | |
| | Greenspot Pipeline | - | | Tailrace Pipeline | | | SBVWCD Parshall FlumeTo Basin | _ | | Deliveries | |
| M1 | | 0.0 | G2 | Northfork Canal Weir | 0.0 | _ | Tailrace Valve to Parshall Flume | 3.5 | - | SAR PH #3 Afterbay Spill | 0.0 |
| N1 | BVMWC Highline | 0.0 | H2 | Edwards Canal | 0.8 | - | Northfork Parshall Flume | 0.0 | - | Redlands Aqueduct / Sandbox | 0.3 |
| 01 | Newport for BVMWC | 0.0 | J2 | Tailrace Valve to Parshall Flume | 3.5 | - | SBVWCD Diversion | 0.0 | - | Redlands Sandbox Spill | 0.0 |
| P1 | SBVWCD Mill Creek Spreading | 0.0 | K2 | Northfork Parshall Flume | 0.0 | L2 | SBVWCD Parshall Flume | 3.5 | - | Cuttle Weir To River | 0.0 |
| Q1 | Crafton WC Unger Lane | 0.0 | 12 | Tailrace Pipeline | 4.3 | | Parshall Flume (SCADA) | 0.0 | - | BVMWC Highline | 4.0 |
| R1 | BVMWC Highline to Boullioun | 0.0 | | | | | lusinakina | | - | Greenspot Pipeline | 0.0 |
| S1 | Crafton WC Boullioun | 0.0 | | | | | Irrigation | 4.0 | - | Tailrace Pipeline | 4.3 |
| T1 | Tate Pump Station to Zanja Greenspot Pipeline | 0.0 0.0 | | | | D2 | Boullioun Box Weir | 4.0 minus | L2 | SBVWCD Parshall Flume | 3.5 minus |
| CI | Greenspot Fipeline | 0.0 | | | | B2 | Gay Overflow | 3.9 | J2 | Tailrace Valve to Parshall Flume | 3.5 |
| | | | | | | C2 | Irrigation | 0.1 | \vdash | Northfork Parshall Flume | 0.0 |
| | | | | | | | | 0.1 | \vdash | Redlands Tunnel | 0.3 |
| | | | | | | | | | N2 | Total SAR Deliveries | |
| | | | | | Mill Cre | ek Ir | nflows | | | | |
| | Total MC Inflows | | | Other | | | | | | | |
| А3 | RPU Flow | 4.0 | E3 | M/C #1 Penstock Flow | 9.0 | | | | | | |
| В3 | M/C #3 Penstock | 5.0 | F3 | Stream Parshall Flume to Yucaipa | 0.0 | | | | | | |
| С3 | SBVWCD Mill Creek Diversion | 0.0 | G3 | Observation at Garnet | 0.0 | | | | | | |
| D3 | Total MC Inflows | 9.0 | | | | ., | | | | | |
| | | | | | Mill Cree | k De | liveries | | | | |
| Ē | Yucaipa Pipeline | | | MC #1 Flow (Cooley Hat) | | | Total MC Deliveries | | | Other | |
| 13 | Yucaipa Regional Park | 0.0 | Р3 | Tate Inflow | 5.8 | C3 | SBVWCD Mill Creek Diversion | 0.0 | Н3 | Mentone Reservoir Level | 20.4 |
| J3 | Wilson Creek Spreading | 0.0 | Q3 | East Weir to Mill Creek | 0.0 | Т3 | Mill Creek #1 Flow (Cooley Hat) | 9.0 | R3 | Boullioun to BVMWC Highline | 0.0 |
| К3 | Yucaipa Pipeline | 0.0 | S3 | East Weir to Zanja | 3.2 | U3 | Total MC Deliveries | 9.0 | V3 | Zanja West Weir to CWC Canal | 1.2 |
| | | | Т3 | MC #1 Flow (Cooley Hat) | 9.0 | | | | W3 | Mill Creek PH #2,3 Afterbay Spill | 0.0 |
| | SBVWCD MC Spreading | | | | | | | | Y3 | Crafton Reservoir Level (21.3) | 18.0 |
| С3 | SBVWCD Mill Creek Diversion | 0.0 | | | | | | | _ | | Р |
| L3 | East Weir (MC) | 0.0 | | | | | | | | | |
| М3 | BVHL (SAR) | 0.0 | | | | | | | | | |
| X1 | SAR-MC Spread (Red. Aqueduct) | 0.0 | | | | | | | | | |
| 03 | SBVWCD MC Spreading | 0.0 | | | | | | | | | |
| <u>_</u> | | | | | SBVWC | D Rec | - | | | | |
| | Location Santa Ana River | Type SAR | E4 | Previous Day (AF) | | 14 | WY To Date (AF) 200.0 | Target 123,000 | | | |
| | Sailla Alla NIVEI | | N4 | 2.6 0.0 | | 04 | 0.0 | 143,000 | | | |
| M4 | 1 | SAR-MC | 11/4 | 0.0 | | | | | | | |
| | 1 | SAR-MC SWP | F4 | 0.0 | | J4 | 0.0 | | | | |
| M4 B4 C4 | Santa Ana Rvr to Mill Creek Santa Ana River Mill Creek | SWP MC | F4 G4 | 0.0 | | K4 | 44.2 | 73,800 | | | |
| M4 B4 | Santa Ana Rvr to Mill Creek Santa Ana River Mill Creek Mill Creek | SWP MC SWP | F4 | | | | | 73,800 714 | | | |
| M4 B4 C4 | Santa Ana Rvr to Mill Creek Santa Ana River Mill Creek Mill Creek SBVMWD | SWP MC SWP SWP | F4 G4 | 0.0 | | K4 | 44.2 | | | | |
| M4 B4 C4 D4 | Santa Ana Rvr to Mill Creek Santa Ana River Mill Creek Mill Creek SBVMWD | SWP MC SWP SWP SWP | F4 G4 H4 | 0.0 0.0 | | K4 | 44.2 0 | 714 | | | |
| M4 B4 C4 D4 | Santa Ana Rvr to Mill Creek Santa Ana River Mill Creek Mill Creek SBVMWD WMWD R Passing Cuttle Weir | SWP MC SWP SWP SWP | F4 G4 H4 Shar | 0.0 0.0 | 0 | K4 L4 | 44.2 0 nate SAR Recharge | 714 | | | |
| M4 B4 C4 D4 SAF | Santa Ana Rvr to Mill Creek Santa Ana River Mill Creek Mill Creek SBVMWD | SWP MC SWP SWP SWP | F4 G4 H4 Shar | 0.0 0.0 | 0 0 0 | K4 L4 Estir | 44.2 0 | 714 | | | |





Daily Flow Report Summary

Date: 11/4/2015

Time: 6:45:00 AM

| | Santa Ana River | | | | | |
|----|-----------------------------|------|--|--|--|--|
| Α5 | Total SAR Inflows | 14.4 | | | | |
| N2 | Total SAR Deliveries | 14.4 | | | | |
| A1 | SAR PH#3 Penstock (calc) | 0.0 | | | | |
| B1 | BVMWC Highline | 4.4 | | | | |
| C1 | Greenspot Pipeline | 0.0 | | | | |
| L2 | SBVWCD Parshall Flume | 0.0 | | | | |
| G2 | North Fork Canal Weir | 0.0 | | | | |
| H2 | Edwards Canal | 0.9 | | | | |
| W1 | Redlands Aqueduct (calc) | 9.1 | | | | |

| | Mill Creek | | | | | |
|----|----------------------------|-----|--|--|--|--|
| D3 | D3 Total MC Inflows | | | | | |
| U3 | Total MC Deliveries | 9.8 | | | | |
| К3 | Yucaipa Pipeline | 0.0 | | | | |
| 03 | SBVWCD Spreading | 0.0 | | | | |
| Т3 | MC #1 Flow (Cooley Hat) | 9.8 | | | | |

| | State Water Project | Flow Rate (cfs) | | | |
|---|----------------------|--------------------|--|--|--|
| G | G Total SWP Inflows | | | | |
| ٧ | Total SWP Deliveries | 14.9 | | | |
| J | Northfork Canal | 7.7 | | | |
| L | Redlands Aqueduct | 6.0 | | | |
| М | Crafton Unger Lane | 0.0 | | | |
| Т | Newport to BVMWC | 1.2 | | | |

| Reservoir Levels | Feet |
|--------------------------------|------|
| Observation at SOD | 2155 |
| Crafton Reservoir Level (21.3) | 19.2 |
| Mentone Reservoir Level | 21.7 |

| River Recharge | AF |
|------------------------------|-----|
| Estimate SAR Recharge | 0.0 |
| Estimate Mill Creek Recharge | 0.0 |
| Total River Recharge | 0.0 |

| Location | Туре | WY to Date (AF) | Target |
|-------------------------------|--------|-----------------|---------|
| Santa Ana River | SAR | 200 | 123,000 |
| Santa Ana River to Mill Creek | SAR-MC | 0 | 0 |
| Santa Ana River | SWP | 0 | 0 |
| Mill Creek | MC | 44 | 73,800 |
| Mill Creek | SWP | 0 | 714 |
| SBVMWD | SWP | 0 | 0 |
| WMWD | SWP | 0 | 0 |

Notes: Numbers on the Daily Flow Report are a snapshot of water at a given location at the time of the read, normally very early in the morning, and not necessarily what is at that location thruout the day. Also, as of June 1st, all East Valley and Redlands SWP water, as well as Newport and Crafton Unger Lane, is In Lieu water, and not purchased.

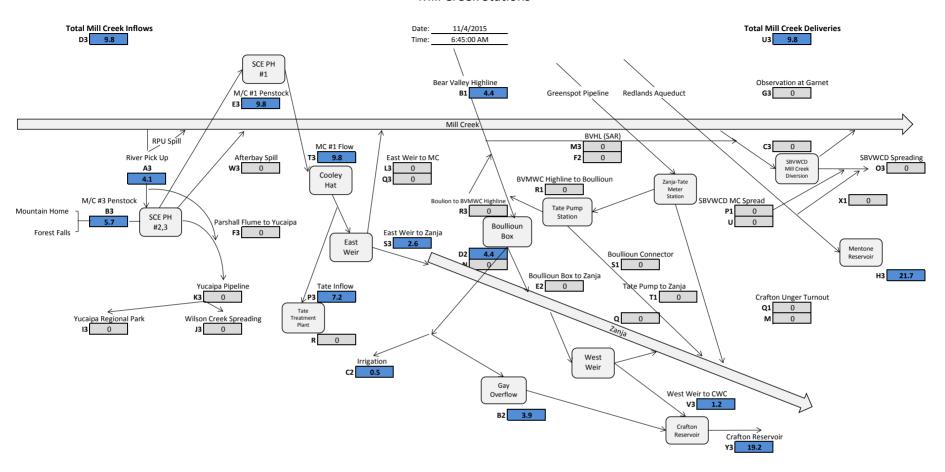
Daily Flow Report

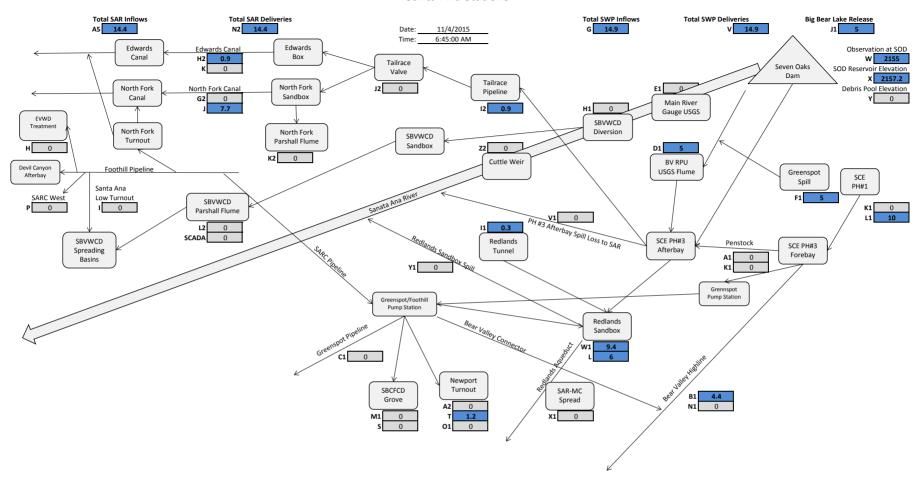
Date: 11/4/2015

| | | | | Date: Time: | 6:45:00 | | | - | | | |
|---|----------------------------------|-------------------|----------|---|-------------|----------------|----------------------------------|--|------|---------------------------------------|--------------------|
| | | | | | State W | | Project | - | | | |
| <u> </u> | Inflows | 1 | _ | | | veries | Fioject | 1 | | | |
| A BBMWD In-lieu 14.9 H EVWD Treatment Plant 0.0 P SARC West 0.0 | | | | | | | | | | | |
| - | Muni test at Greenspot Station | 0.0 | | Santa Ana Low Turnout | 0.0 | Q | Zanja | 0.0 | | | |
| - | Exchange Water | 0.0 | - | Northfork Canal | 7.7 | R | Tate Treatment Plant | 0.0 | | | |
| - | Purchased Water | 0.0 | - | Edwards Canal | 0.0 | s | SBCFCD Grove | 0.0 | | | |
| \vdash | Redlands Aqueduct Leakage | 0.0 | | Redlands Aqueduct | 6.0 | т | Newport for BVMWC | 1.2 | | | |
| F | Recharge Project | 0.0 | _ | Crafton Unger Lane | 0.0 | U | M/C spreading at Zanja Tate | 0.0 | | | |
| G | Total SWP Inflows | 14.9 | - | BVMWC Boullioun Box | 0.0 | v | Total SWP Deliveries | 14.9 | | | |
| Ħ | | | | | | | r Inflows | | | | |
| | SAR PH #3 Penstock (calc) | | | BVMWC Highline | illa Alla | RIVE | SOD Release Subtotal | | _ | Total SAR Inflows | |
| G2 | Northfork Canal Weir | 0.0 | A2 | Newport | 0.0 | D1 | BVMWC River PU (USGS) | 5.0 | A1 | SAR PH #3 Penstock (calc) | 0.0 |
| \vdash | Edwards Canal | 0.0 | | Boullioun Box Weir | 4.4 | | Main River Gage (USGS) | 0.0 | | BVMWC Highline | 4.4 |
| \vdash | Tailrace Valve to Parshall Flume | 0.0 | - | Boullioun Box to Zanja | 0.0 | Z1 | SOD Release Subtotal | _ | | Greenspot Pipeline | 0.0 |
| \perp | Northfork Parshall Flume | 0.0 | - | SBVWCD Mill Creek Spreading | 0.0 | | 30D Release Subtotal | 5.0 | _ | BVMWC River PU (USGS) | 5.0 |
| \vdash | PH#3 Afterbay SpillLoss to SAR | 0.0 | B1 | BVMWC Highline | 4.4 | l — | Seven Oaks Dam | | _ | Greenspot Spill | 5.0 |
| - | Redlands Aqueduct / Sandbox | 9.4 | ы | BVIVIVE Highline | 4.4 | <u>ا</u> ـــاا | Observation at SOD | 2155.0 | _ | Main River Gage (USGS) | 0.0 |
| - | | | | Other | | 1 W | SOD Reservoir Elevation (scada) | | - | | 0.0 |
| Y1 | Redlands Sandbox Spill | 0.0 minus | J1 | | 5.0 | X | Debris Pool Elevation (scada) | 2157.2 0.0 | D1a | BV Pick-Up gated Total SAR Inflows | |
| F1 | Greenspot Spill | 5.0 | | Big Bear Lake Release SCE SAR AVM (SCADA) | 10.0 | ╙ | Debris Pool Elevation | 0.0 | AS | Total SAR Inflows | 14.4 |
| \vdash | BVMWC River PU (USGS) | 5.0 | - | SAR-MC Spread (Red. Aqueduct) | 0.0 | l | | | | | |
| \vdash | Redlands Tunnel | | Λ1 | onnivic opiedu (neu. Aqueduct) | 0.0 | J | | | | | |
| l1 A1 | SAR PH #3 Penstock (calc) | 0.3 0.0 | | | | | | | | | |
| A1 K1 | PH3# Penstock (SCADA) | 0.0 | | | | | | | | | |
| KI. | THOM T CHOLOCK (SCADA) | 0.0 | | Sar | ata Ana I | Divor | Deliveries | | | | |
| | Greenspot Pipeline | | | Tailrace Pipeline | ita Alia i | I | SBVWCD Parshall FlumeTo Basir | ns | _ | Deliveries | |
| M1 | SBCFCD Grove | 0.0 | G2 | Northfork Canal Weir | 0.0 | 12 | Tailrace Valve to Parshall Flume | 0.0 | V1 | SAR PH #3 Afterbay Spill | 0.0 |
| - | BVMWC Highline | 0.0 | - 02 | Edwards Canal | 0.0 | K2 | Northfork Parshall Flume | 0.0 | _ | Redlands Aqueduct / Sandbox | 9.4 |
| \vdash | Newport for BVMWC | 0.0 | | Tailrace Valve to Parshall Flume | 0.9 | H1 | SBVWCD Diversion | 0.0 | Y1 | ' | 0.0 |
| - | SBVWCD Mill Creek Spreading | 0.0 | F | Northfork Parshall Flume | 0.0 | L2 | SBVWCD Parshall Flume | 0.0 | Z2 | Cuttle Weir To River | 0.0 |
| - | Crafton WC Unger Lane | 0.0 | \vdash | Tailrace Pipeline | 0.0 | 1 | Parshall Flume (SCADA) | | B1 | | |
| - | - | | 12 | Tallrace Pipeline | 0.9 | <u> </u> | Parshall Flume (SCADA) | 0.0 | C1 | | 4.4 |
| - | BVMWC Highline to Boullioun | 0.0 | | | | $\overline{}$ | Irrigation | | _ | | 0.0 |
| \vdash | Crafton WC Boullioun | 0.0 | | | | | Irrigation | | 12 | Tailrace Pipeline | 0.9 |
| - | Tate Pump Station to Zanja | 0.0 | | | | D2 | Boullioun Box Weir | 4.4 | L2 | SBVWCD Parshall Flume | 0.0 |
| C1 | Greenspot Pipeline | 0.0 | | | | | Gay Overflow | minus 3.9 | J2 | Tailrace Valve to Parshall Flume | minus |
| | | | | | | C2 | Irrigation | 0.5 | K2 | Northfork Parshall Flume | 0.0 |
| | | | | | | C2 | irrigation | 0.5 | _ | | 0.0 |
| | | | | | | | | | N2 | Redlands Tunnel Total SAR Deliveries | 0.3 14.4 |
| _ | | | | | Mill Cre | ok Ir | oflows | | .,,, | Total SAR Deliveries | 1 2 - 1 - 1 |
| \vdash | Total MC Inflows | | | Other | IVIIII CI C | i I | mows | | | | |
| А3 | RPU Flow | 4.1 | 52 | M/C #1 Penstock Flow | 9.8 | l | | | | | |
| \vdash | | | | , | | ł | | | | | |
| - | M/C #3 Penstock | 5.7 | - | Stream Parshall Flume to Yucaipa | 0.0 | | | | | | |
| \vdash | SBVWCD Mill Creek Diversion | 0.0 | G3 | Observation at Garnet | 0.0 | J | | | | | |
| D3 | Total MC Inflows | 9.8 | | | | | | | | | |
| | | | | | Mill Cree | k De | | | | | |
| | Yucaipa Pipeline | | | MC #1 Flow (Cooley Hat) | | Ι <u></u> | Total MC Deliveries | | | Other | |
| - | Yucaipa Regional Park | 0.0 | | Tate Inflow | 7.2 | 11- | SBVWCD Mill Creek Diversion | 0.0 | _ | Mentone Reservoir Level | 21.7 |
| J3 | Wilson Creek Spreading | 0.0 | - | East Weir to Mill Creek | 0.0 | Т3 | Mill Creek #1 Flow (Cooley Hat) | 9.8 | - | Boullioun to BVMWC Highline | 0.0 |
| К3 | Yucaipa Pipeline | 0.0 | S3 | East Weir to Zanja | 2.6 | U3 | Total MC Deliveries | 9.8 | V3 | Zanja West Weir to CWC Canal | 1.2 |
| | | | Т3 | MC #1 Flow (Cooley Hat) | 9.8 | | | | W3 | Mill Creek PH #2,3 Afterbay Spill | 0.0 |
| L. | SBVWCD MC Spreading | | | | | | | | Y3 | Crafton Reservoir Level (21.3) | 19.2 |
| С3 | SBVWCD Mill Creek Diversion | 0.0 | | | | | | | | | P |
| L3 | East Weir (MC) | 0.0 | | | | | | | | | |
| М3 | BVHL (SAR) | 0.0 | | | | | | | | | |
| X1 | SAR-MC Spread (Red. Aqueduct) | 0.0 | | | | | | | | | |
| 03 | SBVWCD MC Spreading | 0.0 | | | | | | | | | |
| | | | | | SBVWC | D Re | charge | | | | |
| | Location | Type | | Previous Day (AF) | | | WY To Date (AF) | Target | | | |
| | Santa Ana River | SAR | E4 | 0.0 | | 14 | 200.0 | 123,000 | | | |
| | Santa Ana Rvr to Mill Creek | SAR-MC | N4 | 0.0 | | O4 J4 | 0.0 | | | | |
| | Santa Ana River Mill Creek | SWP | F4 G4 | 0.0 | | J4 K4 | 0.0 44.2 | 73,800 | | | |
| _ | Mill Creek | SWP | H4 | 0.0 | | L4 | 0 | 73,800 | | | |
| | SBVMWD | SWP | | | | ٦ | | | | | |
| | WMWD | SWP | | | | | | | | | |
| SAR | Passing Cuttle Weir | 0 | Share | e of Lost Flow | 0 | Estir | mate SAR Recharge | 0 | | | |
| | Creek Passing Garnet | 0 | | e of Lost Flow | 0 | Estir | nate Mill Creek Recharge | 0 | | | |
| | in the River Above Alabama | 0 | | ing Beyond Alabama | 0 | | l River Recharge | 0 | | | |

Mill Creek Passing Garnet Flow in the River Above Alabama

Flowing Beyond Alabama





Daily Flow Report Summary

Date: 11/5/2015

Time: 6:30:00 AM

| | Santa Ana River | | | | | |
|-----------|-----------------------------|------|--|--|--|--|
| A5 | Total SAR Inflows | 22.2 | | | | |
| N2 | Total SAR Deliveries | 22.2 | | | | |
| A1 | SAR PH#3 Penstock (calc) | 13.4 | | | | |
| B1 | BVMWC Highline | 4.0 | | | | |
| C1 | Greenspot Pipeline | 0.0 | | | | |
| L2 | SBVWCD Parshall Flume | 16.0 | | | | |
| G2 | North Fork Canal Weir | 1.4 | | | | |
| H2 | Edwards Canal | 0.8 | | | | |
| W1 | Redlands Aqueduct (calc) | 0.0 | | | | |

| | Mill Creek | | | | | |
|----|----------------------------|-----|--|--|--|--|
| D3 | D3 Total MC Inflows | | | | | |
| U3 | Total MC Deliveries | 9.9 | | | | |
| К3 | Yucaipa Pipeline | 0.0 | | | | |
| 03 | SBVWCD Spreading | 0.0 | | | | |
| Т3 | MC #1 Flow (Cooley Hat) | 9.9 | | | | |

| | State Water Project | Flow Rate (cfs) |
|---|----------------------|--------------------|
| G | Total SWP Inflows | 12.5 |
| ٧ | Total SWP Deliveries | 12.5 |
| J | Northfork Canal | 5.6 |
| L | Redlands Aqueduct | 6.0 |
| М | Crafton Unger Lane | 0.0 |
| Т | Newport to BVMWC | 0.9 |

| Reservoir Levels | Feet |
|--------------------------------|------|
| Observation at SOD | 2155 |
| Crafton Reservoir Level (21.3) | 19.8 |
| Mentone Reservoir Level | 20.5 |

| River Recharge | AF |
|------------------------------|-----|
| Estimate SAR Recharge | 0.0 |
| Estimate Mill Creek Recharge | 0.0 |
| Total River Recharge | 0.0 |

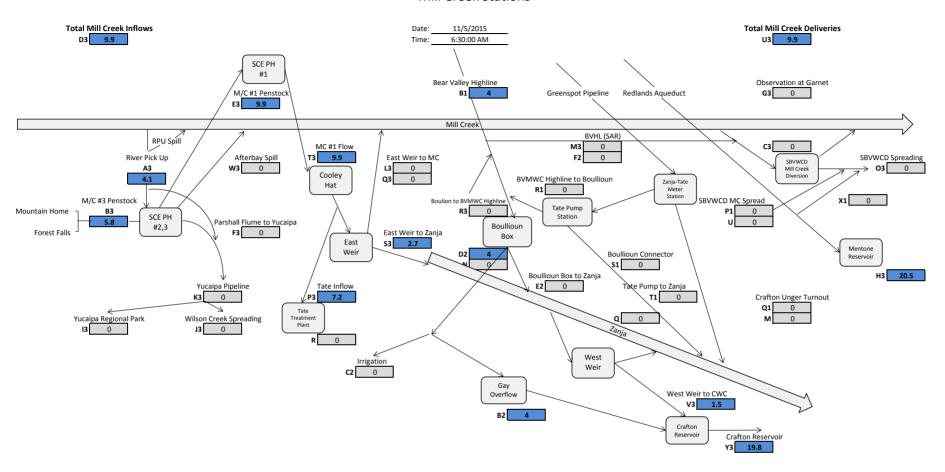
| Location | Type | WY to Date (AF) | Target |
|-------------------------------|--------|-----------------|---------|
| Santa Ana River | SAR | 224 | 123,000 |
| Santa Ana River to Mill Creek | SAR-MC | 0 | 0 |
| Santa Ana River | SWP | 0 | 0 |
| Mill Creek | MC | 44 | 73,800 |
| Mill Creek | SWP | 0 | 714 |
| SBVMWD | SWP | 0 | 0 |
| WMWD | SWP | 0 | 0 |

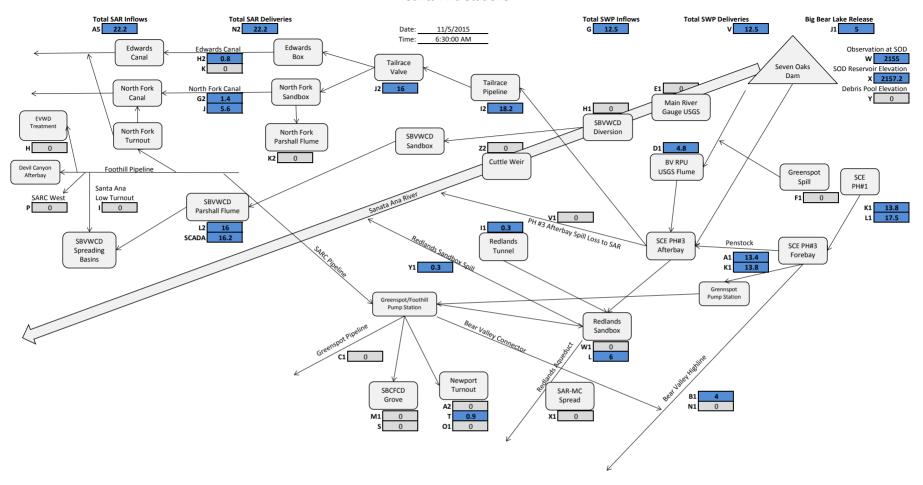
Notes: Numbers on the Daily Flow Report are a snapshot of water at a given location at the time of the read, normally very early in the morning, and not necessarily what is at that location thruout the day. Also, as of June 1st, all East Valley and Redlands SWP water, as well as Newport and Crafton Unger Lane, is In Lieu water, and not purchased.

Daily Flow Report

Date: Time: 11/5/2015 6:30:00 AM

| | | | | | State Wa | ater l | Project | | | | |
|--|--|---|--|--|------------|----------------------------|---|-------------------|-----|-------------------------------------|-------|
| | Inflows | | | | Deliv | eries/ | | | | | |
| Α | BBMWD In-lieu | 12.5 | Н | EVWD Treatment Plant | 0.0 | Р | SARC West | 0.0 | | | |
| В | Muni test at Greenspot Station | 0.0 | - 1 | Santa Ana Low Turnout | 0.0 | Q | Zanja | 0.0 | | | |
| С | Exchange Water | 0.0 | J | Northfork Canal | 5.6 | R | Tate Treatment Plant | 0.0 | | | |
| D | Purchased Water | 0.0 | К | Edwards Canal | 0.0 | _ | SBCFCD Grove | 0.0 | | | |
| E | Redlands Aqueduct Leakage | 0.0 | L | Redlands Aqueduct | 6.0 | Т | Newport for BVMWC | 0.9 | | | |
| F | Recharge Project | 0.0 | М | Crafton Unger Lane | 0.0 | _ | M/C spreading at Zanja Tate | 0.0 | | | |
| G | Total SWP Inflows | 12.5 | N | BVMWC Boullioun Box | 0.0 | ٧ | Total SWP Deliveries | 12.5 | | | |
| | CAR DIL #2 D / - \ | | | | nta Ana | Rive | r Inflows SOD Release Subtotal | | _ | Total SAR Inflows | |
| G2 | SAR PH #3 Penstock (calc) Northfork Canal Weir | 1.4 | 43 | BVMWC Highline Newport | 0.0 | D1 | BVMWC River PU (USGS) | 4.8 | Δ1 | SAR PH #3 Penstock (calc) | 13.4 |
| H2 | Edwards Canal | 0.8 | A2 D2 | Boullioun Box Weir | 4.0 | - | Main River Gage (USGS) | 0.0 | | BVMWC Highline | 4.0 |
| J2 | Tailrace Valve to Parshall Flume | 16.0 | E2 | Boullioun Box to Zanja | 0.0 | Z1 | SOD Release Subtotal | 4.8 | | Greenspot Pipeline | 0.0 |
| K2 | Northfork Parshall Flume | 0.0 | F2 | SBVWCD Mill Creek Spreading | 0.0 | _ | 300 Neieuse Subtotui | 4.0 | | BVMWC River PU (USGS) | 4.8 |
| V1 | PH#3 Afterbay SpillLoss to SAR | 0.0 | B1 | BVMWC Highline | 4.0 | | Seven Oaks Dam | | - | Greenspot Spill | 0.0 |
| W1 | Redlands Aqueduct / Sandbox | 0.0 | | | | w | Observation at SOD | 2155.0 | _ | Main River Gage (USGS) | 0.0 |
| Y1 | Redlands Sandbox Spill | 0.3 | | Other | | - | SOD Reservoir Elevation (scada) | 2157.2 | - | BV Pick-Up gated | |
| | | minus | J1 | Big Bear Lake Release | 5.0 | Υ | Debris Pool Elevation | 0.0 | A5 | Total SAR Inflows | 22.2 |
| F1 | Greenspot Spill | 0.0 | L1 | SCE SAR AVM (SCADA) | 17.5 | | | | | | |
| D1 | BVMWC River PU (USGS) | 4.8 | X1 | SAR-MC Spread (Red. Aqueduct) | 0.0 | | | | | | |
| l1 | Redlands Tunnel | 0.3 | | | | | | | | | |
| A1 | · · · · · · · · · · · · · · · · · · · | 13.4 | | | | | | | | | |
| K1 | PH3# Penstock (SCADA) | 13.8 | | | | | | | | | |
| ╘ | Construct Planting | | | | ita Ana F | liver | Deliveries | | _ | Dellional and | |
| M1 | Greenspot Pipeline SBCFCD Grove | 0.0 | | Tailrace Pipeline Northfork Canal Weir | 1.4 | 12 | SBVWCD Parshall FlumeTo Basir Tailrace Valve to Parshall Flume | | V/1 | Deliveries SAR PH #3 Afterbay Spill | 0.0 |
| N1 | BVMWC Highline | 0.0 | G2 | Edwards Canal | 0.8 | _ | Northfork Parshall Flume | 16.0 | - | Redlands Aqueduct / Sandbox | 0.0 |
| 01 | Newport for BVMWC | 0.0 | H2 J2 | Tailrace Valve to Parshall Flume | 16.0 | _ | SBVWCD Diversion | 0.0 | - | Redlands Sandbox Spill | 0.0 |
| P1 | SBVWCD Mill Creek Spreading | 0.0 | K2 | Northfork Parshall Flume | 0.0 | L2 | SBVWCD Parshall Flume | 16.0 | _ | Cuttle Weir To River | 0.0 |
| Q1 | Crafton WC Unger Lane | 0.0 | 12 | Tailrace Pipeline | 18.2 | = | Parshall Flume (SCADA) | 16.2 | _ | BVMWC Highline | 4.0 |
| R1 | BVMWC Highline to Boullioun | 0.0 | 12 | rumace i ipeime | 10.2 | | Tursian Tame (SCASA) | 10.2 | _ | Greenspot Pipeline | 0.0 |
| S1 | Crafton WC Boullioun | 0.0 | | | | | Irrigation | | - | Tailrace Pipeline | 18.2 |
| T1 | Tate Pump Station to Zanja | 0.0 | | | | D2 | Boullioun Box Weir | 4.0 | L2 | SBVWCD Parshall Flume | 16.0 |
| C1 | | 0.0 | | | | | | minus | | | minus |
| | - | | | | | В2 | Gay Overflow | 4.0 | J2 | Tailrace Valve to Parshall Flume | 16.0 |
| | | | | | | C2 | Irrigation | 0.0 | K2 | Northfork Parshall Flume | 0.0 |
| | | | | | | | | | I1 | Redlands Tunnel | 0.3 |
| | | | | | | | | | N2 | Total SAR Deliveries | 22.2 |
| | | | | | Mill Cre | ek Ir | iflows | | | | |
| L | Total MC Inflows | | | Other | | | | | | | |
| A3 | | 4.1 | E3 | M/C #1 Penstock Flow | 9.9 | | | | | | |
| _ | M/C #3 Penstock | 5.8 | F3 | Stream Parshall Flume to Yucaipa | 0.0 | | | | | | |
| C3 | SBVWCD Mill Creek Diversion | 0.0 | G3 | Observation at Garnet | 0.0 | | | | | | |
| D3 | Total MC Inflows | 9.9 | | | Mill Cus - | k Da | liveries | | | | |
| \vdash | Yucaipa Pipeline | 1 | | | Mill Cree | k De | | | | Other: | |
| - | Yucaipa Pipeline Yucaipa Regional Park | 0.0 | | MC #1 Flow (Cooley Hat) Tate Inflow | 7.2 | L3 | Total MC Deliveries SBVWCD Mill Creek Diversion | 0.0 | H3 | Other Mentone Reservoir Level | 20.5 |
| | Wilson Creek Spreading | 0.0 | P3 Q3 | East Weir to Mill Creek | 0.0 | _ | Mill Creek #1 Flow (Cooley Hat) | 9.9 | _ | Boullioun to BVMWC Highline | 0.0 |
| 13 | | 0.0 | S3 | East Weir to Zanja | 2.7 | U3 | Total MC Deliveries | 9.9 | _ | Zanja West Weir to CWC Canal | 1.5 |
| К3 | i acaipa i ipellile | 5.5 | 33 | MC #1 Flow (Cooley Hat) | 9.9 | | Total Nic Deliveries | 9.9 | - | Mill Creek PH #2,3 Afterbay Spill | 0.0 |
| | | | тэ | | | | | | | | 0.0 |
| | SBVWCD MC Spreading | | ТЗ | | | | | | Y3 | Crafton Reservoir Level (21.3) | 19.8 |
| C3 | , , | 0.0 | Т3 | . (, | | | | | | Crafton Reservoir Level (21.3) | 19.8 |
| C3 | SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) | 0.0 | ТЗ | | | | | | | Crafton Reservoir Level (21.3) | 19.8 |
| L3 | SBVWCD Mill Creek Diversion | | тз | | | | | | | Crafton Reservoir Level (21.3) | |
| L3 | SBVWCD Mill Creek Diversion East Weir (MC) | 0.0 | тз | | | | | | | Crafton Reservoir Level (21.3) | |
| L3 M3 | SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) | 0.0 0.0 0.0 | ТЗ | | | | | | | Crafton Reservoir Level (21.3) | |
| L3 M3 X1 | SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) | 0.0 0.0 0.0 | ТЗ | | SBVWCI | D Rec | charge | | | Crafton Reservoir Level (21.3) | |
| L3 M3 X1 O3 | SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location | 0.0 0.0 0.0 0.0 | | Previous Day (AF) | | | WY To Date (AF) | Target | | Crafton Reservoir Level (21.3) | |
| L3 M3 X1 O3 | SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River | 0.0 0.0 0.0 0.0 Type SAR | E4 | Previous Day (AF) 24.3 | | 14 | WY To Date (AF) 224.3 | Target 123,000 | | Crafton Reservoir Level (21.3) | |
| L3 M3 X1 O3 A4 M4 | SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River Santa Ana River | 0.0 0.0 0.0 0.0 Type SAR SAR-MC | E4 N4 | Previous Day (AF) 24.3 0.0 | | 14 04 | WY To Date (AF) 224.3 0.0 | | | Crafton Reservoir Level (21.3) | |
| L3 M3 X1 O3 | SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River Santa Ana River Santa Ana River | 0.0 0.0 0.0 0.0 Type SAR | E4 | Previous Day (AF) 24.3 | | 14 | WY To Date (AF) 224.3 | | | Crafton Reservoir Level (21.3) | |
| L3 M3 X1 O3 A4 M4 B4 | SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River Santa Ana River | 0.0 0.0 0.0 0.0 Type SAR SAR-MC SWP | E4 N4 F4 | Previous Day (AF) 24.3 0.0 0.0 | | 14 04 J4 | WY To Date (AF) 224.3 0.0 0.0 | 123,000 | | Crafton Reservoir Level (21.3) | |
| L3 M3 X1 O3 A4 M4 B4 C4 | SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River Santa Ana River Mill Creek Santa Ana River Mill Creek Mill Creek SBVMWD | 0.0 0.0 0.0 0.0 Type SAR SAR-MC SWP MC SWP | E4 N4 F4 G4 | Previous Day (AF) 24.3 0.0 0.0 0.0 | | 14 O4 J4 K4 | WY To Date (AF) 224.3 0.0 0.0 44.2 | 123,000 73,800 | | Crafton Reservoir Level (21.3) | |
| L3 M3 X1 O3 A4 M4 B4 C4 | SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River Santa Ana River Santa Ana River Mill Creek Mill Creek SBVMWD WMWD | O.O O.O O.O O.O Type SAR SAR-MC SWP MC SWP SWP | E4 N4 F4 G4 | Previous Day (AF) 24.3 0.0 0.0 0.0 0.0 | SBVWCI | 14 O4 J4 K4 L4 | WY To Date (AF) 224.3 0.0 0.0 44.2 0 | 73,800 714 | | Crafton Reservoir Level (21.3) | |
| L3 M3 X1 O3 A4 M4 B4 C4 D4 | SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River Santa Ana River Santa Ana River Mill Creek Mill Creek SBVMWD WMWD R Passing Cuttle Weir | 0.0 0.0 0.0 0.0 0.0 Type SAR SAR-MC SWP MC SWP SWP | E4 N4 F4 G4 H4 | Previous Day (AF) 24.3 0.0 0.0 0.0 0.0 0.0 | SBVWC | 14 O4 J4 K4 L4 | WY To Date (AF) 224.3 0.0 0.0 44.2 0 nate SAR Recharge | 73,800 714 | | Crafton Reservoir Level (21.3) | |
| L3 M3 X1 O3 A4 M4 B4 C4 D4 SAR Mill | SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River Santa Ana River Santa Ana River Mill Creek Mill Creek SBVMWD WMWD | O.O O.O O.O O.O Type SAR SAR-MC SWP MC SWP SWP | E4 N4 F4 G4 H4 Sharr Sharr | Previous Day (AF) 24.3 0.0 0.0 0.0 0.0 | SBVWCI | I4 O4 J4 K4 L4 Estir | WY To Date (AF) 224.3 0.0 0.0 44.2 0 | 73,800 714 | | Crafton Reservoir Level (21.3) | |





Daily Flow Report Summary

Date: 11/6/2015

Time: 7:00:00 AM

| | Santa Ana River | | | | | | |
|-----------|-----------------------------|------|--|--|--|--|--|
| A5 | Total SAR Inflows | 22.0 | | | | | |
| N2 | Total SAR Deliveries | 22.0 | | | | | |
| A1 | SAR PH#3 Penstock (calc) | 13.0 | | | | | |
| B1 | BVMWC Highline | 3.8 | | | | | |
| C1 | Greenspot Pipeline | 0.0 | | | | | |
| L2 | SBVWCD Parshall Flume | 0.0 | | | | | |
| G2 | North Fork Canal Weir | 2.0 | | | | | |
| H2 | Edwards Canal | 0.8 | | | | | |
| W1 | Redlands Aqueduct (calc) | 15.4 | | | | | |

| | Mill Creek | | | | | |
|----|----------------------------|------|--|--|--|--|
| D3 | Total MC Inflows | 10.3 | | | | |
| U3 | Total MC Deliveries | 10.3 | | | | |
| К3 | Yucaipa Pipeline | 0.0 | | | | |
| 03 | SBVWCD Spreading | 0.0 | | | | |
| Т3 | MC #1 Flow (Cooley Hat) | 10.3 | | | | |

| | State Water Project | Flow Rate (cfs) |
|---|----------------------|--------------------|
| G | Total SWP Inflows | 5.8 |
| ٧ | Total SWP Deliveries | 5.8 |
| J | Northfork Canal | 5.8 |
| L | Redlands Aqueduct | 0.0 |
| М | Crafton Unger Lane | 0.0 |
| Т | Newport to BVMWC | 0.0 |

| Reservoir Levels | Feet |
|--------------------------------|--------|
| Observation at SOD | 2156.6 |
| Crafton Reservoir Level (21.3) | 18 |
| Mentone Reservoir Level | 20.5 |

| River Recharge | AF |
|------------------------------|-----|
| Estimate SAR Recharge | 0.0 |
| Estimate Mill Creek Recharge | 0.0 |
| Total River Recharge | 0.0 |

| Location | Type | WY to Date (AF) | Target |
|-------------------------------|--------|-----------------|---------|
| Santa Ana River | SAR | 224 | 123,000 |
| Santa Ana River to Mill Creek | SAR-MC | 0 | 0 |
| Santa Ana River | SWP | 0 | 0 |
| Mill Creek | MC | 44 | 73,800 |
| Mill Creek | SWP | 0 | 714 |
| SBVMWD | SWP | 0 | 0 |
| WMWD | SWP | 0 | 0 |

Notes: Numbers on the Daily Flow Report are a snapshot of water at a given location at the time of the read, normally very early in the morning, and not necessarily what is at that location thruout the day. Also, as of June 1st, all East Valley and Redlands SWP water, as well as Newport and Crafton Unger Lane, is In Lieu water, and not purchased.

Daily Flow Report

 Date:
 11/6/2015

 Time:
 7:00:00 AM

 State Water Project

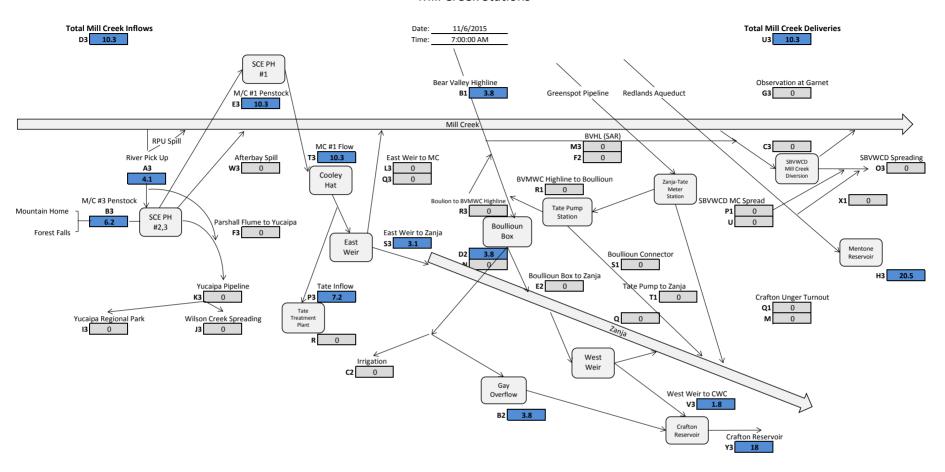
| | | | | | State Wa | ater l | Project | | | | |
|--------------------------------|---|--|--|---|---------------------------|--|---|----------------------|----------------|---|---------------------------|
| | Inflows | | | | Deliv | eries | | | | | |
| Α | BBMWD In-lieu | 5.8 | Н | EVWD Treatment Plant | 0.0 | Р | SARC West | 0.0 | | | |
| В | Muni test at Greenspot Station | 0.0 | I | Santa Ana Low Turnout | 0.0 | Q | Zanja | 0.0 | | | |
| С | Exchange Water | 0.0 | | Northfork Canal | 5.8 | R | Tate Treatment Plant | 0.0 | | | |
| _ | · · | | H | | | _ | | | | | |
| D | Purchased Water | 0.0 | K | Edwards Canal | 0.0 | S | SBCFCD Grove | 0.0 | | | |
| Е | Redlands Aqueduct Leakage | 0.0 | L | Redlands Aqueduct | 0.0 | Т | Newport for BVMWC | 0.0 | | | |
| F | Recharge Project | 0.0 | М | Crafton Unger Lane | 0.0 | U | M/C spreading at Zanja Tate | 0.0 | | | |
| G | Total SWP Inflows | 5.8 | N | BVMWC Boullioun Box | 0.0 | ٧ | Total SWP Deliveries | 5.8 | | | |
| F | | | | Sa | nta Ana | Rive | r Inflows | | | | |
| | SAR PH #3 Penstock (calc) | | | BVMWC Highline | iiita Alla | | SOD Release Subtotal | | _ | Total SAR Inflows | |
| - 62 | | | | | 0.0 | - | | F 2 | | | 42.0 |
| G2 | Northfork Canal Weir | 2.0 | A2 | Newport | 0.0 | _ | BVMWC River PU (USGS) | 5.2 | | SAR PH #3 Penstock (calc) | 13.0 |
| H2 | Edwards Canal | 0.8 | D2 | Boullioun Box Weir | 3.8 | E1 | Main River Gage (USGS) | 0.0 | B1 | BVMWC Highline | 3.8 |
| J2 | Tailrace Valve to Parshall Flume | 0.0 | E2 | Boullioun Box to Zanja | 0.0 | Z1 | SOD Release Subtotal | 5.2 | C1 | Greenspot Pipeline | 0.0 |
| К2 | Northfork Parshall Flume | 0.0 | F2 | SBVWCD Mill Creek Spreading | 0.0 | | | | D1 | BVMWC River PU (USGS) | 5.2 |
| V1 | PH#3 Afterbay SpillLoss to SAR | 0.0 | B1 | BVMWC Highline | 3.8 | | Seven Oaks Dam | | \vdash | Greenspot Spill | 0.0 |
| - | | | _ B1 | BVIVIVC Highline | 3.0 | _ | 1 | | _ | | |
| W1 | Redlands Aqueduct / Sandbox | 15.7 | | | | W | Observation at SOD | 2156.6 | E1 | Main River Gage (USGS) | 0.0 |
| Y1 | Redlands Sandbox Spill | 0.0 | | Other | | Х | SOD Reservoir Elevation (scada) | 2157.2 | D1a | BV Pick-Up gated | |
| | | minus | J1 | Big Bear Lake Release | 5.0 | Υ | Debris Pool Elevation | 0.0 | A5 | Total SAR Inflows | 22.0 |
| F1 | Greenspot Spill | 0.0 | L1 | SCE SAR AVM (SCADA) | 17.4 | | | | - | | |
| D1 | BVMWC River PU (USGS) | 5.2 | X1 | SAR-MC Spread (Red. Aqueduct) | 0.0 | | | | | | |
| - | · · · | | | o wie opreau (neu. Aqueuuct) | 5.0 | | | | | | |
| 11 | Redlands Tunnel | 0.3 | | | | | | | | | |
| A1 | | 13.0 | | | | | | | | | |
| K1 | PH3# Penstock (SCADA) | 13.5 | <u> </u> | | | | | | | <u></u> | |
| | | | | Sar | nta Ana R | iver | Deliveries | | | | |
| | Greenspot Pipeline | | | Tailrace Pipeline | | | SBVWCD Parshall FlumeTo Basir | ıs | | Deliveries | |
| M1 | 1 | 0.0 | G2 | Northfork Canal Weir | 2.0 | .12 | Tailrace Valve to Parshall Flume | 0.0 | V1 | SAR PH #3 Afterbay Spill | 0.0 |
| N1 | BVMWC Highline | 0.0 | | | | - | | | _ | , , | |
| _ | ŭ | | H2 | Edwards Canal | 0.8 | - | Northfork Parshall Flume | 0.0 | | Redlands Aqueduct / Sandbox | 15.7 |
| 01 | Newport for BVMWC | 0.0 | J2 | Tailrace Valve to Parshall Flume | 0.0 | H1 | SBVWCD Diversion | 0.0 | Y1 | Redlands Sandbox Spill | 0.0 |
| P1 | SBVWCD Mill Creek Spreading | 0.0 | K2 | Northfork Parshall Flume | 0.0 | L2 | SBVWCD Parshall Flume | 0.0 | Z2 | Cuttle Weir To River | 0.0 |
| Q1 | Crafton WC Unger Lane | 0.0 | 12 | Tailrace Pipeline | 2.8 | | Parshall Flume (SCADA) | 0.0 | В1 | BVMWC Highline | 3.8 |
| R1 | | 0.0 | <u> </u> | | | | | 5.5 | - | Greenspot Pipeline | 0.0 |
| _ | | | | | | | Indicati | 1 | | | |
| S1 | Crafton WC Boullioun | 0.0 | | | | <u> </u> | Irrigation | | 12 | Tailrace Pipeline | 2.8 |
| T1 | Tate Pump Station to Zanja | 0.0 | | | | D2 | Boullioun Box Weir | 3.8 | L2 | SBVWCD Parshall Flume | 0.0 |
| C1 | Greenspot Pipeline | 0.0 | | | | | | minus | | | minus |
| | | | | | | В2 | Gay Overflow | 3.8 | J2 | Tailrace Valve to Parshall Flume | 0.0 |
| | | | | | | C2 | Irrigation | 0.0 | K2 | Northfork Parshall Flume | 0.0 |
| | | | | | | - 02 | iiigatioii | 0.0 | - | | |
| | | | | | | | | | I1 | Redlands Tunnel | 0.3 |
| | | | | | | | | | N2 | Total SAR Deliveries | 22.0 |
| | | | | | Mill Cre | ek Ir | nflows | | | | |
| | Total MC Inflows | | | Other | | | | | | | |
| А3 | RPU Flow | 4.1 | E3 | M/C #1 Penstock Flow | 10.3 | | | | | | |
| В3 | M/C #3 Penstock | 6.2 | F3 | Stream Parshall Flume to Yucaipa | 0.0 | | | | | | |
| | | | | | | | | | | | |
| C3 | | 0.0 | G3 | Observation at Garnet | 0.0 | | | | | | |
| D3 | Total MC Inflows | 10.3 | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | Mill Cree | k De | liveries | | | | |
| Ħ | Yucaina Pineline | | | | Mill Cree | k De | | | | Other | |
| - | Yucaipa Pipeline | 0.0 | | MC #1 Flow (Cooley Hat) | | | Total MC Deliveries | 0.0 | НЗ | Other Mantona Reservoir Level | 20.5 |
| 13 | Yucaipa Regional Park | 0.0 | P3 | MC #1 Flow (Cooley Hat) Tate Inflow | 7.2 | СЗ | Total MC Deliveries SBVWCD Mill Creek Diversion | 0.0 | \vdash | Mentone Reservoir Level | 20.5 |
| 13 J3 | Yucaipa Regional Park Wilson Creek Spreading | 0.0 | P3 Q3 | MC #1 Flow (Cooley Hat) | | | Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) | 0.0 | \vdash | Mentone Reservoir Level Boullioun to BVMWC Highline | 20.5 |
| | Yucaipa Regional Park Wilson Creek Spreading | 0.0 | | MC #1 Flow (Cooley Hat) Tate Inflow | 7.2 | СЗ | Total MC Deliveries SBVWCD Mill Creek Diversion | | \vdash | Mentone Reservoir Level | |
| J3 | Yucaipa Regional Park Wilson Creek Spreading | 0.0 | Q3 | MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek | 7.2 | C3 | Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) | 10.3 | R3 | Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal | 0.0 |
| J3 | Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline | 0.0 | Q3 S3 | MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja | 7.2 0.0 3.1 | C3 | Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) | 10.3 | R3 V3 W3 | Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill | 0.0 1.8 0.0 |
| J3 K3 | Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading | 0.0 | Q3 S3 | MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja | 7.2 0.0 3.1 | C3 | Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) | 10.3 | R3 V3 | Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill Crafton Reservoir Level (21.3) | 0.0 1.8 0.0 18.0 |
| J3 кз | Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion | 0.0 | Q3 S3 | MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja | 7.2 0.0 3.1 | C3 | Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) | 10.3 | R3 V3 W3 | Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill Crafton Reservoir Level (21.3) | 0.0 1.8 0.0 |
| J3 K3 | Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading | 0.0 | Q3 S3 | MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja | 7.2 0.0 3.1 | C3 | Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) | 10.3 | R3 V3 W3 | Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill Crafton Reservoir Level (21.3) | 0.0 1.8 0.0 18.0 |
| J3 кз | Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) | 0.0 | Q3 S3 | MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja | 7.2 0.0 3.1 | C3 | Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) | 10.3 | R3 V3 W3 | Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill Crafton Reservoir Level (21.3) | 0.0 1.8 0.0 18.0 |
| J3 К3 С3 L3 | Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) | 0.0 0.0 0.0 0.0 | Q3 S3 | MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja | 7.2 0.0 3.1 | C3 | Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) | 10.3 | R3 V3 W3 | Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill Crafton Reservoir Level (21.3) | 0.0 1.8 0.0 18.0 |
| J3 кз С3 L3 | Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | Q3 S3 | MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja | 7.2 0.0 3.1 | C3 | Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) | 10.3 | R3 V3 W3 | Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill Crafton Reservoir Level (21.3) | 0.0 1.8 0.0 18.0 |
| C3 L3 M3 X1 | Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | Q3 S3 | MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja | 7.2 0.0 3.1 10.3 | C3 T3 U3 | Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries | 10.3 | R3 V3 W3 | Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill Crafton Reservoir Level (21.3) | 0.0 1.8 0.0 18.0 |
| C3 L3 M3 X1 | Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | Q3 S3 | MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja MC #1 Flow (Cooley Hat) | 7.2 0.0 3.1 | C3 T3 U3 | Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries | 10.3 10.3 | R3 V3 W3 | Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill Crafton Reservoir Level (21.3) | 0.0 1.8 0.0 18.0 |
| C3 L3 M3 X1 O3 | Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | Q3 S3 T3 | MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja MC #1 Flow (Cooley Hat) Previous Day (AF) | 7.2 0.0 3.1 10.3 | C3 T3 U3 | Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries Charge WY To Date (AF) | 10.3 10.3 | R3 V3 W3 | Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill Crafton Reservoir Level (21.3) | 0.0 1.8 0.0 18.0 |
| C3 L3 M3 X1 O3 | Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | Q3 S3 T3 | MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja MC #1 Flow (Cooley Hat) Previous Day (AF) 0.0 | 7.2 0.0 3.1 10.3 | C3 T3 U3 | Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries charge WY To Date (AF) 224.3 | 10.3 10.3 | R3 V3 W3 | Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill Crafton Reservoir Level (21.3) | 0.0 1.8 0.0 18.0 |
| C3 L3 M3 X1 O3 | Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River Santa Ana River | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 5AR | Q3 S3 T3 | MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja MC #1 Flow (Cooley Hat) Previous Day (AF) 0.0 0.0 | 7.2 0.0 3.1 10.3 | C3 T3 U3 | Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries Charge WY To Date (AF) 224.3 0.0 | 10.3 10.3 | R3 V3 W3 | Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill Crafton Reservoir Level (21.3) | 0.0 1.8 0.0 18.0 |
| C3 L3 M3 X1 O3 A4 M4 B4 | Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River Santa Ana River Santa Ana River | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 5AR SAR-MC SWP | Q3 53 T3 | MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja MC #1 Flow (Cooley Hat) Previous Day (AF) 0.0 0.0 0.0 | 7.2 0.0 3.1 10.3 | C3 T3 U3 D Rec 14 O4 J4 | Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries Charge WY To Date (AF) 224.3 0.0 0.0 | 10.3 10.3 | R3 V3 W3 | Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill Crafton Reservoir Level (21.3) | 0.0 1.8 0.0 18.0 |
| C3 L3 M3 X1 O3 A4 M4 B4 C4 | Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River Santa Ana River Santa Ana River Mill Creek | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 5AR | Q3 53 T3 E4 N4 F4 G4 | MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja MC #1 Flow (Cooley Hat) Previous Day (AF) 0.0 0.0 0.0 0.0 0.0 | 7.2 0.0 3.1 10.3 | C3 T3 U3 D Rec 14 O4 J4 K4 | Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries Charge WY To Date (AF) 224.3 0.0 0.0 44.2 | 10.3 10.3 | R3 V3 W3 | Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill Crafton Reservoir Level (21.3) | 0.0 1.8 0.0 18.0 |
| C3 L3 M3 X1 O3 A4 M4 B4 | Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River Santa Ana River Santa Ana River Mill Creek | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 5AR SAR-MC SWP | Q3 53 T3 | MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja MC #1 Flow (Cooley Hat) Previous Day (AF) 0.0 0.0 0.0 | 7.2 0.0 3.1 10.3 | C3 T3 U3 D Rec 14 O4 J4 | Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries Charge WY To Date (AF) 224.3 0.0 0.0 | 10.3 10.3 10.3 | R3 V3 W3 | Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill Crafton Reservoir Level (21.3) | 0.0 1.8 0.0 18.0 |
| C3 L3 M3 X1 O3 A4 M4 B4 C4 | Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River Santa Ana River Santa Ana River Mill Creek | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | Q3 53 T3 E4 N4 F4 G4 | MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja MC #1 Flow (Cooley Hat) Previous Day (AF) 0.0 0.0 0.0 0.0 0.0 | 7.2 0.0 3.1 10.3 | C3 T3 U3 D Rec 14 O4 J4 K4 | Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries Charge WY To Date (AF) 224.3 0.0 0.0 44.2 | 10.3 10.3 10.3 | R3 V3 W3 | Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill Crafton Reservoir Level (21.3) | 0.0 1.8 0.0 18.0 |
| C3 L3 M3 X1 O3 A4 M4 B4 C4 | Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River Santa Ana River Santa Ana River Mill Creek Mill Creek | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | Q3 53 T3 E4 N4 F4 G4 | MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja MC #1 Flow (Cooley Hat) Previous Day (AF) 0.0 0.0 0.0 0.0 0.0 | 7.2 0.0 3.1 10.3 | C3 T3 U3 D Rec 14 O4 J4 K4 | Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries Charge WY To Date (AF) 224.3 0.0 0.0 44.2 | 10.3 10.3 10.3 | R3 V3 W3 | Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill Crafton Reservoir Level (21.3) | 0.0 1.8 0.0 18.0 |
| C3 L3 M3 X1 O3 A4 M4 C4 D4 | Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River Santa Ana River Santa Ana River Mill Creek Mill Creek SBVMWD WMWD | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | Q3 S3 T3 T3 | MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja MC #1 Flow (Cooley Hat) Previous Day (AF) 0.0 0.0 0.0 0.0 0.0 | 7.2 0.0 3.1 10.3 | C3 T3 U3 D Rec 14 04 14 K4 L4 | Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries Charge WY To Date [AF] 224.3 0.0 0.0 44.2 0 | 10.3 10.3 10.3 | R3 V3 W3 | Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill Crafton Reservoir Level (21.3) | 0.0 1.8 0.0 18.0 |
| C3 L3 M3 X1 O3 A4 M4 B4 C4 D4 | Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River Santa Ana River Santa Ana River Mill Creek Mill Creek SBVMWD | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | Q3 S3 T3 E4 N4 F4 G4 H4 | MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja MC #1 Flow (Cooley Hat) Previous Day (AF) 0.0 0.0 0.0 0.0 0.0 | 7.2 0.0 3.1 10.3 | C3 T3 U3 D Rec 14 O4 14 K4 L4 Estir | Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries Charge WY To Date (AF) 224.3 0.0 0.0 44.2 | 10.3 10.3 10.3 | R3 V3 W3 | Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill Crafton Reservoir Level (21.3) | 0.0 1.8 0.0 18.0 |

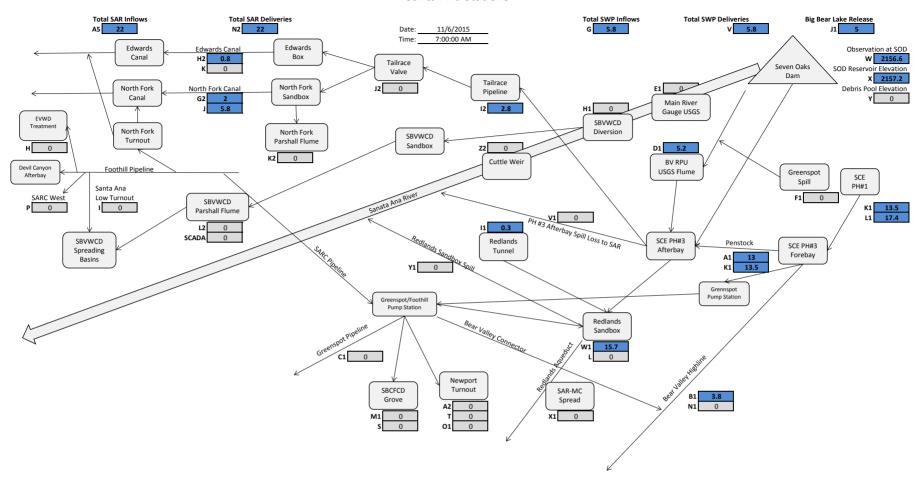
0 Total River Recharge

0

Flow in the River Above Alabama

0 Flowing Beyond Alabama





Daily Flow Report Summary

Date: 11/9/2015

Time: 7:15:00 AM

| | Flow Rate (cfs) | |
|-----------|--------------------------|------|
| A5 | Total SAR Inflows | 21.6 |
| N2 | Total SAR Deliveries | 21.6 |
| A1 | SAR PH#3 Penstock (calc) | 13.1 |
| B1 | BVMWC Highline | 3.8 |
| C1 | Greenspot Pipeline | 0.0 |
| L2 | SBVWCD Parshall Flume | 0.0 |
| G2 | North Fork Canal Weir | 2.0 |
| H2 | Edwards Canal | 0.9 |
| W1 | Redlands Aqueduct (calc) | 14.9 |

| | Flow Rate (cfs) | |
|----|-------------------------|-----|
| D3 | Total MC Inflows | 9.7 |
| U3 | Total MC Deliveries | 9.7 |
| К3 | Yucaipa Pipeline | 0.0 |
| 03 | SBVWCD Spreading | 0.0 |
| Т3 | MC #1 Flow (Cooley Hat) | 9.7 |
| | | |

| | Flow Rate (cfs) | |
|---|----------------------|-----|
| G | Total SWP Inflows | 5.7 |
| ٧ | Total SWP Deliveries | 5.7 |
| J | Northfork Canal | 5.7 |
| L | Redlands Aqueduct | 0.0 |
| М | Crafton Unger Lane | 0.0 |
| Т | Newport to BVMWC | 0.0 |

| Reservoir Levels | Feet |
|--------------------------------|--------|
| Observation at SOD | 2156.4 |
| Crafton Reservoir Level (21.3) | 19.5 |
| Mentone Reservoir Level | 20.6 |

| River Recharge | AF |
|------------------------------|-----|
| Estimate SAR Recharge | 0.0 |
| Estimate Mill Creek Recharge | 0.0 |
| Total River Recharge | 0.0 |

| Location | Туре | WY to Date (AF) | Target |
|-------------------------------|--------|-----------------|---------|
| Santa Ana River | SAR | 224 | 123,000 |
| Santa Ana River to Mill Creek | SAR-MC | 0 | 0 |
| Santa Ana River | SWP | 0 | 0 |
| Mill Creek | MC | 44 | 73,800 |
| Mill Creek | SWP | 0 | 714 |
| SBVMWD | SWP | 0 | 0 |
| WMWD | SWP | 0 | 0 |

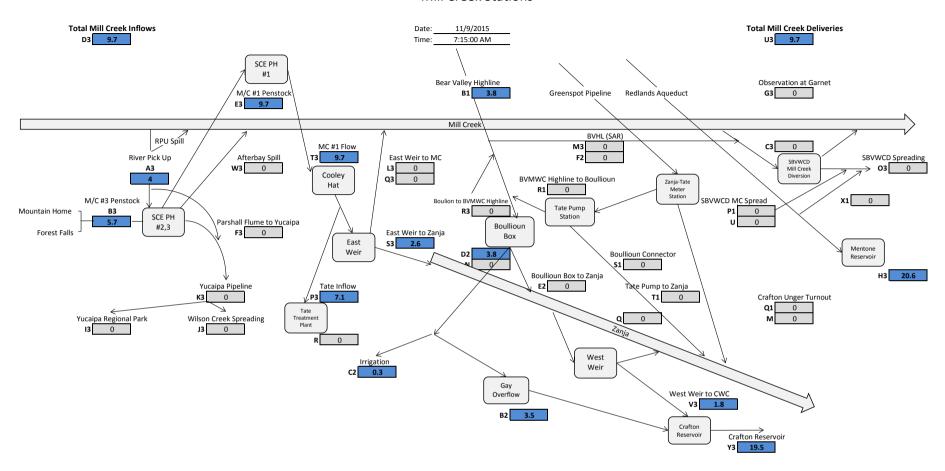
Notes: Numbers on the Daily Flow Report are a snapshot of water at a given location at the time of the read, normally very early in the morning, and not necessarily what is at that location thruout the day. As of June 1st, all East Valley and Redlands SWP water, as well as Newport and Crafton Unger Lane, is In Lieu water, and not purchased. The value for the BVMWC River Pick-up had previously always been the USGS meter minus the Greenspot spill. It has been corrected so that the value listed on the DFR is now the reading at that location. A calendar year total for recharge has been added in addition to the water year total.

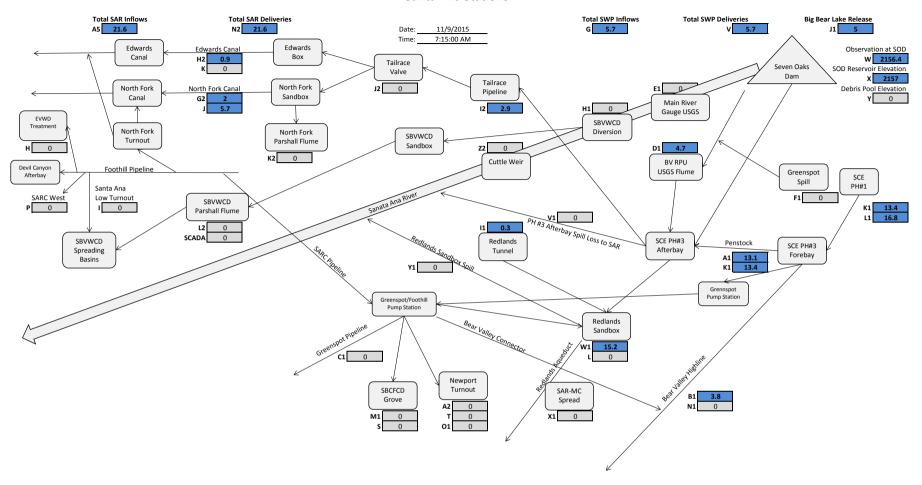
Daily Flow Report

11/9/2015

| | Date: 11/9/2015 Time: 7:15:00 AM | | | | | | | | | | |
|--|--|---|----------------------------|---|--|--------|---|--------------------------|------------------|--|---|
| State Water Project | | | | | | | | | | | |
| | Inflows | | | | | eries | • | 1 | | | |
| А | BBMWD In-lieu | 5.7 | н | EVWD Treatment Plant | 0.0 | Р | SARC West | 0.0 | | | |
| В | Muni test at Greenspot Station | 0.0 | 1 | Santa Ana Low Turnout | 0.0 | Q | Zanja | 0.0 | | | |
| С | Exchange Water | 0.0 | J | Northfork Canal | 5.7 | R | Tate Treatment Plant | 0.0 | | | |
| D | Purchased Water | 0.0 | К | Edwards Canal | 0.0 | S | SBCFCD Grove | 0.0 | | | |
| Е | Redlands Aqueduct Leakage | 0.0 | | Redlands Aqueduct | 0.0 | T | Newport for BVMWC | 0.0 | | | |
| F | Recharge Project | 0.0 | М | Crafton Unger Lane | 0.0 | U | M/C spreading at Zanja Tate | 0.0 | | | |
| G | Total SWP Inflows | 5.7 | _ | BVMWC Boullioun Box | 0.0 | v | Total SWP Deliveries | 5.7 | | | |
| Ě | | | | | | Pivo | r Inflows | | | | |
| | CAR BU #2 Devete als (and a) | | | BVMWC Highline | iiita Alia | Kive | SOD Release Subtotal | | | Total SAR Inflows | |
| | SAR PH #3 Penstock (calc) Northfork Canal Weir | 2.0 | | Newport | 0.0 | D1 | BVMWC River PU (USGS) | 4.7 | ۸1 | SAR PH #3 Penstock (calc) | 13.1 |
| | Edwards Canal | 2.0 0.9 | | Boullioun Box Weir | 0.0 | _ | Main River Gage (USGS) | 0.0 | | BVMWC Highline | |
| \vdash | | | - | | 3.8 | | Ivialii Kivei Gage (USGS) | minus | | - | 3.8 |
| J2 | Tailrace Valve to Parshall Flume | 0.0 | - | Boullioun Box to Zanja | 0.0 | - | Construct Cuill | | | Greenspot Pipeline | 0.0 |
| K2 | | 0.0 | | SBVWCD Mill Creek Spreading | 0.0 | _ | Greenspot Spill | 0.0 | | BVMWC River PU (USGS) | 4.7 |
| _ | PH#3 Afterbay SpillLoss to SAR | 0.0 | B1 | BVMWC Highline | 3.8 | Z1 | SOD Release Subtotal | 4.7 | | Main River Gage (USGS) | 0.0 |
| | Redlands Aqueduct / Sandbox | 15.2 | _ | | | _ | | | _ | BV Pick-Up gated | |
| Y1 | Redlands Sandbox Spill | 0.0 | | Other | | | Seven Oaks Dam | | A5 | Total SAR Inflows | 21.6 |
| | | minus | - | Big Bear Lake Release | 5.0 | W | Observation at SOD | 2156.4 | | | |
| - | BVMWC River PU (USGS) | 4.7 | | SCE SAR AVM (SCADA) | 16.8 | Х | SOD Reservoir Elevation (scada) | 2157.0 | | | |
| I1 | Redlands Tunnel | 0.3 | X1 | SAR-MC Spread (Red. Aqueduct) | 0.0 | Υ | Debris Pool Elevation | 0.0 | | | |
| A1 | | 13.1 | | | | | | | | | |
| K1 | PH3# Penstock (SCADA) | 13.4 | | | | | | | | | |
| | | | | Sar | nta Ana R | iver | Deliveries | | | | |
| | Greenspot Pipeline | | | Tailrace Pipeline | | | SBVWCD Parshall FlumeTo Basir | | | Deliveries | |
| _ | SBCFCD Grove | 0.0 | | Northfork Canal Weir | 2.0 | J2 | | 0.0 | | SAR PH #3 Afterbay Spill | 0.0 |
| | BVMWC Highline | 0.0 | 112 | Edwards Canal | 0.9 | K2 | Northfork Parshall Flume | 0.0 | | Redlands Aqueduct / Sandbox | 15.2 |
| 01 | | 0.0 | J2 | Tailrace Valve to Parshall Flume | 0.0 | H1 | SBVWCD Diversion | 0.0 | | Redlands Sandbox Spill | 0.0 |
| _ | SBVWCD Mill Creek Spreading | 0.0 | K2 | Northfork Parshall Flume | 0.0 | L2 | SBVWCD Parshall Flume | 0.0 | _ | Cuttle Weir To River | 0.0 |
| Q1 | Crafton WC Unger Lane | 0.0 | 12 | Tailrace Pipeline | 2.9 | | Parshall Flume (SCADA) | 0.0 | B1 | BVMWC Highline | 3.8 |
| R1 | BVMWC Highline to Boullioun | 0.0 | | | | | | | C1 | Greenspot Pipeline | 0.0 |
| S1 | Crafton WC Boullioun | 0.0 | | | | | Irrigation | | 12 | Tailrace Pipeline | 2.9 |
| T1 | Tate Pump Station to Zanja | 0.0 | | | | D2 | Boullioun Box Weir | 3.8 | L2 | SBVWCD Parshall Flume | 0.0 |
| C1 | Greenspot Pipeline | 0.0 | | | | | | minus | | | minus |
| | | | | | | | C | | | Tailrace Valve to Parshall Flume | 0.0 |
| | | | | | | B2 | Gay Overflow | 3.5 | J2 | | 0.0 |
| | | | | | | C2 | Irrigation | 3.5 0.3 | _ | Northfork Parshall Flume | 0.0 |
| | | | | | | | | | _ | Northfork Parshall Flume Redlands Tunnel | |
| | | | | | | | | | K2 | | 0.0 |
| | | | | | Mill Cre | C2 | Irrigation | | K2 | Redlands Tunnel | 0.0 |
| | Total MC Inflows | | | Other | Mill Cre | C2 | Irrigation | | K2 | Redlands Tunnel | 0.0 |
| A3 | Total MC Inflows RPU Flow | 4.0 | E3 | | | C2 | Irrigation | | K2 | Redlands Tunnel | 0.0 |
| | RPU Flow | 4.0 | _ | M/C #1 Penstock Flow | 9.7 | C2 | Irrigation | | K2 | Redlands Tunnel | 0.0 |
| В3 | RPU Flow M/C #3 Penstock | 5.7 | F3 | M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa | 9.7 | C2 | Irrigation | | K2 | Redlands Tunnel | 0.0 |
| B3 C3 | RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion | 5.7 0.0 | F3 | M/C #1 Penstock Flow | 9.7 | C2 | Irrigation | | K2 | Redlands Tunnel | 0.0 |
| В3 | RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion | 5.7 | F3 | M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet | 9.7 0.0 0.0 | ek Ir | Irrigation Inflows | | K2 | Redlands Tunnel | 0.0 |
| B3 C3 | RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows | 5.7 0.0 | F3 | M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet | 9.7 | ek Ir | Irrigation Iflows | | K2 | Redlands Tunnel Total SAR Deliveries | 0.0 |
| B3 C3 D3 | RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline | 5.7 0.0 9.7 | F3 G3 | M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) | 9.7 0.0 0.0 Mill Cree | ek Ir | Irrigation Iflows Iliveries Total MC Deliveries | 0.3 | K2 11 N2 | Redlands Tunnel Total SAR Deliveries Other | 0.0 0.3 21.6 |
| B3 C3 D3 | RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park | 5.7 0.0 9.7 | F3 G3 | M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow | 9.7 0.0 0.0 Mill Cree | ek Ir | Irrigation Iflows Iiveries Total MC Deliveries SBVWCD Mill Creek Diversion | 0.3 | K2 I1 N2 | Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level | 0.0 0.3 21.6 |
| B3 C3 D3 I3 J3 | RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading | 5.7 0.0 9.7 0.0 0.0 | F3 G3 P3 Q3 | M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek | 9.7 0.0 0.0 0.0 Mill Cree | ek Irr | Irrigation Iflows Iliveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) | 0.3 | K2 I1 N2 H3 R3 | Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level Boullioun to BVMWC Highline | 0.0 0.3 21.6 20.6 0.0 |
| B3 C3 D3 | RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading | 5.7 0.0 9.7 | F3 G3 P3 Q3 | M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja | 9.7 0.0 0.0 Mill Cree 7.1 0.0 2.6 | ek Ir | Irrigation Iflows Iiveries Total MC Deliveries SBVWCD Mill Creek Diversion | 0.3 | H3 R3 V3 | Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal | 0.0 0.3 21.6 20.6 0.0 1.8 |
| B3 C3 D3 I3 J3 | RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline | 5.7 0.0 9.7 0.0 0.0 | F3 G3 P3 Q3 | M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek | 9.7 0.0 0.0 0.0 Mill Cree | ek Irr | Irrigation Iflows Iliveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) | 0.3 | H3 R3 V3 | Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level Boullioun to BVMWC Highline | 0.0 0.3 21.6 20.6 0.0 1.8 0.0 |
| B3 C3 D3 I3 J3 | RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading | 5.7 0.0 9.7 0.0 0.0 | F3 G3 P3 Q3 S3 | M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja | 9.7 0.0 0.0 Mill Cree 7.1 0.0 2.6 | ek Irr | Irrigation Iflows Iliveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) | 0.3 | H3 R3 V3 W3 | Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal | 0.0 0.3 21.6 20.6 0.0 1.8 |
| B3 C3 D3 I3 J3 K3 | RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline | 5.7 0.0 9.7 0.0 0.0 | F3 G3 P3 Q3 S3 | M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja | 9.7 0.0 0.0 Mill Cree 7.1 0.0 2.6 | ek Irr | Irrigation Iflows Iliveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) | 0.3 | H3 R3 V3 W3 | Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill | 0.0 0.3 21.6 20.6 0.0 1.8 0.0 |
| B3 C3 D3 I3 I3 K3 | RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading | 5.7 0.0 9.7 0.0 0.0 0.0 | F3 G3 P3 Q3 S3 | M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja | 9.7 0.0 0.0 Mill Cree 7.1 0.0 2.6 | ek Irr | Irrigation Iflows Iliveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) | 0.3 | H3 R3 V3 W3 | Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill | 0.0 0.3 21.6 20.6 0.0 1.8 0.0 |
| B3 C3 D3 I3 J3 K3 C3 L3 | RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion | 5.7 0.0 9.7 0.0 0.0 0.0 | F3 G3 P3 Q3 S3 | M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja | 9.7 0.0 0.0 Mill Cree 7.1 0.0 2.6 | ek Irr | Irrigation Iflows Iliveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) | 0.3 | H3 R3 V3 W3 | Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill | 0.0 0.3 21.6 20.6 0.0 1.8 0.0 |
| B3 C3 D3 I3 J3 K3 C3 L3 | RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) | 5.7 0.0 9.7 0.0 0.0 0.0 0.0 | F3 G3 P3 Q3 S3 | M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja | 9.7 0.0 0.0 Mill Cree 7.1 0.0 2.6 | ek Irr | Irrigation Iflows Iliveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) | 0.3 | H3 R3 V3 W3 | Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill | 0.0 0.3 21.6 20.6 0.0 1.8 0.0 |
| 13 J3 K3 C3 L3 M3 | RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) | 5.7 0.0 9.7 0.0 0.0 0.0 0.0 | F3 G3 P3 Q3 S3 | M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja | 9.7 0.0 0.0 Mill Cree 7.1 0.0 2.6 | ek Irr | Irrigation Iflows Iliveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) | 0.3 | H3 R3 V3 W3 | Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill | 0.0 0.3 21.6 20.6 0.0 1.8 0.0 |
| B3 C3 D3 | RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) | 5.7 0.0 9.7 0.0 0.0 0.0 0.0 0.0 0.0 | F3 G3 P3 Q3 S3 | M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja | 9.7 0.0 0.0 Mill Cree 7.1 0.0 2.6 9.7 | ek Ir | liveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries | 0.3 | H3 R3 V3 W3 | Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill | 0.0 0.3 21.6 20.6 0.0 1.8 0.0 |
| B3 C3 D3 | RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading | 5.7 0.0 9.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | F3 G3 P3 Q3 S3 | M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja MC #1 Flow (Cooley Hat) | 9.7 0.0 0.0 Mill Cree 7.1 0.0 2.6 | ek Ir | Irrigation Iflows Iliveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries | 0.0 0.0 9.7 9.7 | H3 R3 V3 W3 | Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill Crafton Reservoir Level (21.3) | 20.6 0.0 21.8 0.0 19.5 |
| B3 C3 D3 I3 J3 K3 K3 K3 K1 O3 C3 C3 C3 C4 C5 C5 C5 C5 C5 C5 C5 | RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) | 5.7 0.0 9.7 0.0 0.0 0.0 0.0 0.0 0.0 | F3 G3 P3 Q3 S3 | M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja | 9.7 0.0 0.0 Mill Cree 7.1 0.0 2.6 9.7 | ek Ir | liveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries | 0.3 | H3 R3 V3 W3 | Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill | 0.0 0.3 21.6 20.6 0.0 1.8 0.0 |

| Location | Type | | Previous Day (AF) | | | WY To Date (AF) | Target | | Calendar Year To Date (AF) | Target |
|------------------------------|---|---|---|----------------------------------|-----------------|--------------------------|-----------------|--|----------------------------|--|
| Santa Ana River | SAR | E4 | 0.0 | | 14 | 224.3 | 123,000 | 14 | 2,472.4 | 123,000 |
| Santa Ana Rvr to Mill Creek | SAR-MC | N4 | 0.0 | | 04 | 0.0 | | 04 | 133.7 | |
| Santa Ana River | SWP | F4 | 0.0 | | J4 | 0.0 | | J4 | 62.0 | |
| Mill Creek | MC | G4 | 0.0 | | K4 | 44.2 | 73,800 | K4 | 699.4 | 73,800 |
| Mill Creek | SWP | H4 | 0.0 | | L4 | 0 | 714 | L4 | 0 | 714 |
| SBVMWD | SWP | | | | | | | | | |
| WMWD | SWP | | | | | | | | | |
| R Passing Cuttle Weir | 0 | Shar | e of Lost Flow | 0 | Estir | nate SAR Recharge | 0 | | | |
| Mill Creek Passing Garnet | | Shar | e of Lost Flow | 0 | Estir | nate Mill Creek Recharge | 0 | | | |
| w in the River Above Alabama | 0 | Flow | ing Beyond Alabama | 0 | Tota | l River Recharge | 0 | | | |
| | Santa Ana River Santa Ana River Santa Ana River Mill Creek Mill Creek SBVMWD WMWD R Passing Cuttle Weir | Santa Ana River SAR Santa Ana River SAR Santa Ana River SWP Santa Ana River SWP Mill Creek MC Mill Creek SWP SBVMWD SWP WMWD SWP R Passing Cuttle Weir 0 I Creek Passing Garnet 0 | Santa Ana River SAR E4 Santa Ana River SAR-MC N4 Santa Ana River SWP F4 Mill Creek MC G4 SBVMWD SWP WMWD SWP R Passing Cuttle Weir O Shar I Creek Passing Garnet O Shar Santa Ana River SAR-MC N4 F4 G4 G4 F4 G4 G4 F5 G7 G7 G7 F6 G7 G7 G7 F7 G7 | Santa Ana River SAR E4 0.0 | Santa Ana River | Santa Ana River | Santa Ana River | Santa Ana River SAR E4 0.0 14 224.3 123,000 Santa Ana River SAR-MC N4 0.0 04 0.0 Santa Ana River SWP F4 0.0 14 0.0 Mill Creek MC G4 0.0 14 0.0 Mill Creek SWP H4 0.0 14 0.0 SBVMWD SWP WMWD SWP WMWD SWP WMWD SWP Share of Lost Flow 0 Creek Passing Garnet O Share of Lost Flow O Estimate SAR Recharge O Estimate Mill Creek Recharge O Estimate Mill Creek Recharge O | Santa Ana River | Santa Ana River SAR E4 0.0 14 2.24.3 123,000 14 2.472.4 Santa Ana River SAR-MC SAR-MC |





Daily Flow Report Summary

Date: 11/10/2015

Time: 7:00:00 AM

| | Flow Rate (cfs) | |
|-----------|-----------------------------|------|
| A5 | Total SAR Inflows | 21.2 |
| N2 | Total SAR Deliveries | 21.2 |
| A1 | SAR PH#3 Penstock (calc) | 12.8 |
| B1 | BVMWC Highline | 3.8 |
| C1 | Greenspot Pipeline | 0.0 |
| L2 | SBVWCD Parshall Flume | 0.0 |
| G2 | North Fork Canal Weir | 2.0 |
| H2 | Edwards Canal | 0.9 |
| W1 | Redlands Aqueduct (calc) | 14.5 |

| | Mill Creek | | | | | |
|----|-------------------------|-----|--|--|--|--|
| D3 | Total MC Inflows | 9.4 | | | | |
| U3 | Total MC Deliveries | 9.4 | | | | |
| К3 | Yucaipa Pipeline | 0.0 | | | | |
| 03 | SBVWCD Spreading | 0.0 | | | | |
| Т3 | MC #1 Flow (Cooley Hat) | 9.4 | | | | |

| | Flow Rate (cfs) | |
|---|----------------------|-----|
| G | Total SWP Inflows | 6.3 |
| V | Total SWP Deliveries | 6.3 |
| J | Northfork Canal | 5.7 |
| L | Redlands Aqueduct | 0.0 |
| M | Crafton Unger Lane | 0.0 |
| Т | Newport to BVMWC | 0.6 |

| Reservoir Levels | Feet |
|--------------------------------|--------|
| Observation at SOD | 2156.4 |
| Crafton Reservoir Level (21.3) | 17.8 |
| Mentone Reservoir Level | 19.6 |

| River Recharge | AF |
|------------------------------|-----|
| Estimate SAR Recharge | 0.0 |
| Estimate Mill Creek Recharge | 0.0 |
| Total River Recharge | 0.0 |

| Location | Type | WY to Date (AF) | Target |
|-------------------------------|--------|-----------------|---------|
| Santa Ana River | SAR | 224 | 123,000 |
| Santa Ana River to Mill Creek | SAR-MC | 0 | 0 |
| Santa Ana River | SWP | 0 | 0 |
| Mill Creek | MC | 44 | 73,800 |
| Mill Creek | SWP | 0 | 714 |
| SBVMWD | SWP | 0 | 0 |
| WMWD | SWP | 0 | 0 |

Notes: Numbers on the Daily Flow Report are a snapshot of water at a given location at the time of the read, normally very early in the morning, and not necessarily what is at that location thruout the day. As of June 1st, all East Valley and Redlands SWP water, as well as Newport and Crafton Unger Lane, is In Lieu water, and not purchased. The value for the BVMWC River Pick-up had previously always been the USGS meter minus the Greenspot spill. It has been corrected so that the value listed on the DFR is now the reading at that location. A calendar year total for recharge has been added in addition to the water year total.

Daily Flow Report

Date: Time: 11/10/2015 7:00:00 AM

| | State Water Project | | | | | | | | | |
|-------------------------|------------------------------|-----|----|-----------------------|-----|---|-----------------------------|-----|--|--|
| | Inflows Deliveries | | | | | | | | | |
| A BBN | MWD In-lieu | 6.3 | Н | EVWD Treatment Plant | 0.0 | Р | SARC West | 0.0 | | |
| B Mur | ni test at Greenspot Station | 0.0 | -1 | Santa Ana Low Turnout | 0.0 | Q | Zanja | 0.0 | | |
| c Exch | hange Water | 0.0 | J | Northfork Canal | 5.7 | R | Tate Treatment Plant | 0.0 | | |
| D Purc | Purchased Water 0.0 | | | Edwards Canal | 0.0 | S | SBCFCD Grove | 0.0 | | |
| E Red | llands Aqueduct Leakage | 0.0 | L | Redlands Aqueduct | 0.0 | Т | Newport for BVMWC | 0.6 | | |
| F Recl | harge Project | 0.0 | М | Crafton Unger Lane | 0.0 | U | M/C spreading at Zanja Tate | 0.0 | | |
| G | Total SWP Inflows | 6.3 | N | BVMWC Boullioun Box | 0.0 | v | Total SWP Deliveries | 6.3 | | |
| Santa Ana River Inflows | | | | | | | | | | |

| | - | | | Sa | nta Ana | Rive | r Inflows | | | | |
|----|----------------------------------|-------|----|-------------------------------|---------|------|---------------------------------|--------|-----|---------------------------|------|
| | SAR PH #3 Penstock (calc) | | | BVMWC Highline | | Ī | SOD Release Subtotal | | | Total SAR Inflows | |
| G2 | Northfork Canal Weir | 2.0 | A2 | Newport | 0.0 | D1 | BVMWC River PU (USGS) | 4.6 | A1 | SAR PH #3 Penstock (calc) | 12.8 |
| Н2 | Edwards Canal | 0.9 | D2 | Boullioun Box Weir | 3.8 | E1 | Main River Gage (USGS) | 0.0 | B1 | BVMWC Highline | 3.8 |
| J2 | Tailrace Valve to Parshall Flume | 0.0 | E2 | Boullioun Box to Zanja | 0.0 | | | minus | C1 | Greenspot Pipeline | 0.0 |
| К2 | Northfork Parshall Flume | 0.0 | F2 | SBVWCD Mill Creek Spreading | 0.0 | F1 | Greenspot Spill | 0.0 | D1 | BVMWC River PU (USGS) | 4.6 |
| V1 | PH#3 Afterbay SpillLoss to SAR | 0.0 | B1 | BVMWC Highline | 3.8 | Z1 | SOD Release Subtotal | 4.6 | E1 | Main River Gage (USGS) | 0.0 |
| W1 | Redlands Aqueduct / Sandbox | 14.8 | | | | | | | D1a | BV Pick-Up gated | |
| Y1 | Redlands Sandbox Spill | 0.0 | | Other | | | Seven Oaks Dam | | A5 | Total SAR Inflows | 21.2 |
| | | minus | J1 | Big Bear Lake Release | 5.0 | w | Observation at SOD | 2156.4 | | | |
| D1 | BVMWC River PU (USGS) | 4.6 | L1 | SCE SAR AVM (SCADA) | 17.3 | х | SOD Reservoir Elevation (scada) | 2156.9 | | | |
| I1 | Redlands Tunnel | 0.3 | X1 | SAR-MC Spread (Red. Aqueduct) | 0.0 | Υ | Debris Pool Elevation | 0.0 | | | |
| A1 | SAR PH #3 Penstock (calc) | 12.8 | | | | | | | | | |
| К1 | PH3# Penstock (SCADA) | 13.4 | | | | | | | | | |

| D1 | BVMWC River PU (USGS) | 4.6 | L1 | SCE SAR AVM (SCADA) | 17.3 | Х | SOD Reservoir Elevation (scada) | 2156.9 | | | |
|-----------|-----------------------------|------|----|----------------------------------|-----------|-------|----------------------------------|--------|----|----------------------------------|-------|
| 11 | Redlands Tunnel | 0.3 | X1 | SAR-MC Spread (Red. Aqueduct) | 0.0 | Υ | Debris Pool Elevation | 0.0 | | | |
| A1 | SAR PH #3 Penstock (calc) | 12.8 | | | | | | | | | |
| K1 | PH3# Penstock (SCADA) | 13.4 | | | | | | | | | |
| | | | | San | nta Ana I | River | Deliveries | | | | , |
| | Greenspot Pipeline | | | Tailrace Pipeline | | | SBVWCD Parshall FlumeTo Basin | ıs | | Deliveries | |
| M1 | SBCFCD Grove | 0.0 | G2 | Northfork Canal Weir | 2.0 | J2 | Tailrace Valve to Parshall Flume | 0.0 | V1 | SAR PH #3 Afterbay Spill | 0.0 |
| N1 | BVMWC Highline | 0.0 | H2 | Edwards Canal | 0.9 | K2 | Northfork Parshall Flume | 0.0 | W1 | Redlands Aqueduct / Sandbox | 14.8 |
| 01 | Newport for BVMWC | 0.0 | J2 | Tailrace Valve to Parshall Flume | 0.0 | Н1 | SBVWCD Diversion | 0.0 | Y1 | Redlands Sandbox Spill | 0.0 |
| P1 | SBVWCD Mill Creek Spreading | 0.0 | К2 | Northfork Parshall Flume | 0.0 | L2 | SBVWCD Parshall Flume | 0.0 | Z2 | Cuttle Weir To River | 0.0 |
| Q1 | Crafton WC Unger Lane | 0.0 | 12 | Tailrace Pipeline | 2.9 | | Parshall Flume (SCADA) | 0.0 | B1 | BVMWC Highline | 3.8 |
| R1 | BVMWC Highline to Boullioun | 0.0 | | | | | | | C1 | Greenspot Pipeline | 0.0 |
| S1 | Crafton WC Boullioun | 0.0 | | | | | Irrigation | | 12 | Tailrace Pipeline | 2.9 |
| T1 | Tate Pump Station to Zanja | 0.0 | | | | D2 | Boullioun Box Weir | 3.8 | L2 | SBVWCD Parshall Flume | 0.0 |
| C1 | Greenspot Pipeline | 0.0 | | | | | | minus | | | minus |
| | | | ļ! | | | B2 | Gay Overflow | 3.3 | J2 | Tailrace Valve to Parshall Flume | 0.0 |
| | | | | | | C2 | Irrigation | 0.5 | К2 | Northfork Parshall Flume | 0.0 |
| | | | | | | | | | | | |

0.3 21.2

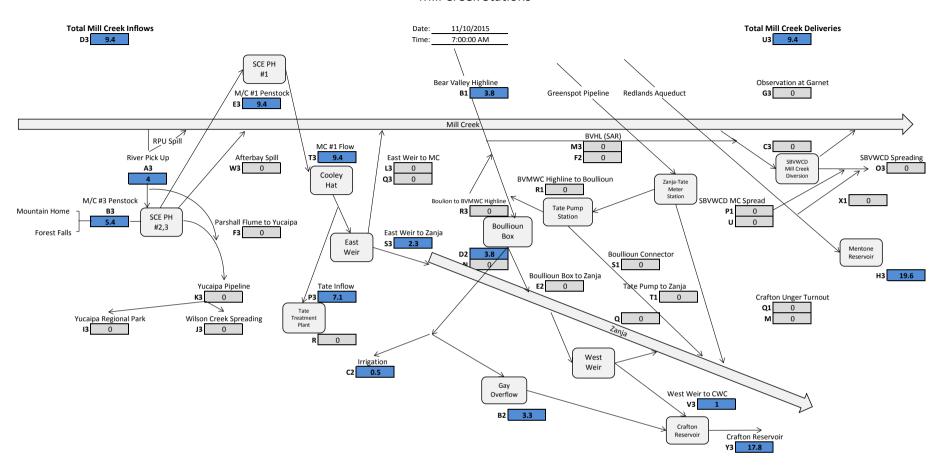
| | | | | | | C2 | | Irrigation | 0.5 | К2 | Northfork Parshall Flume |
|----|-----------------------------|-----|----|----------------------------------|----------|-------|-------|------------|-----|----|--------------------------|
| | | | | | | | | | | 11 | Redlands Tunnel |
| | | | | | | | | | | N2 | Total SAR Deliver |
| | | | | | Mill Cre | ek Ir | flows | | | | |
| | Total MC Inflows | | | Other | | | | | | | |
| А3 | RPU Flow | 4.0 | E3 | M/C #1 Penstock Flow | 9.4 | | | | | | |
| В3 | M/C #3 Penstock | 5.4 | F3 | Stream Parshall Flume to Yucaipa | 0.0 | | | | | | |
| С3 | SBVWCD Mill Creek Diversion | 0.0 | G3 | Observation at Garnet | 0.0 | | | | | | |
| | T . 1240 . (1 | | | | | | | | | | |

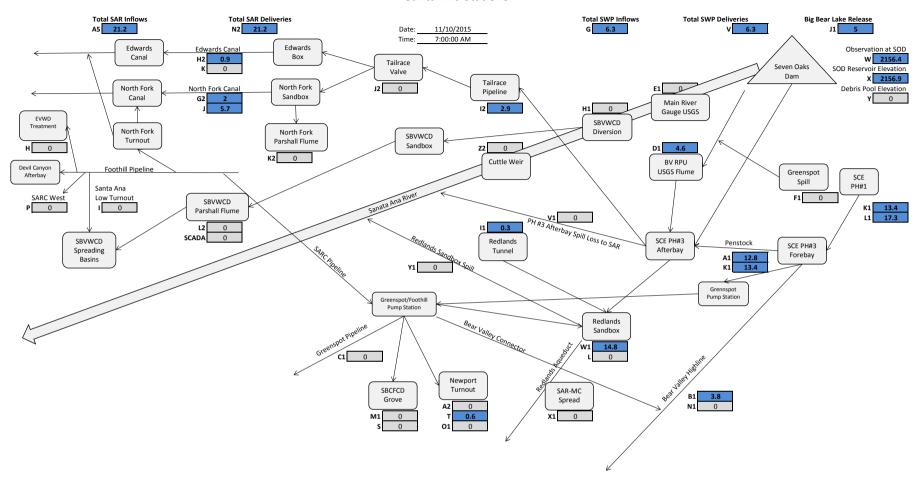
| D3 | Total IVIC Inflows | 9.4 | | | | | | | | | |
|----|------------------------|-----|----|-------------------------|-----------|-------|---------------------------------|-----|----|-----------------------------------|------|
| | | | | | Mill Cree | ek De | eliveries | | | | |
| | Yucaipa Pipeline | | | MC #1 Flow (Cooley Hat) | | | Total MC Deliveries | | | Other | - |
| 13 | Yucaipa Regional Park | 0.0 | Р3 | Tate Inflow | 7.1 | С3 | SBVWCD Mill Creek Diversion | 0.0 | Н3 | Mentone Reservoir Level | 19.6 |
| J3 | Wilson Creek Spreading | 0.0 | Q3 | East Weir to Mill Creek | 0.0 | Т3 | Mill Creek #1 Flow (Cooley Hat) | 9.4 | R3 | Boullioun to BVMWC Highline | 0.0 |
| кз | Yucaipa Pipeline | 0.0 | S3 | East Weir to Zanja | 2.3 | U3 | Total MC Deliveries | 9.4 | V3 | Zanja West Weir to CWC Canal | 1.0 |
| | | | Т3 | MC #1 Flow (Cooley Hat) | 9.4 | | | | W3 | Mill Creek PH #2,3 Afterbay Spill | 0.0 |
| | SBVWCD MC Spreading | | | _ | | - | | | Y3 | Crafton Reservoir Level (21.3) | 17.8 |
| | | | | | | | | | | | |

| SBVWCD MC Spreading | | | | | Y3 Crafton Reservoir Level (21.3) | |
|----------------------------------|------|-------------------|-----------------|--------|-----------------------------------|---|
| SBVWCD Mill Creek Diversion | 0.0 | | | | _ | |
| East Weir (MC) | 0.0 | | | | | |
| M3 BVHL (SAR) | 0.0 | | | | | |
| X1 SAR-MC Spread (Red. Aqueduct) | 0.0 | | | | | |
| O3 SBVWCD MC Spreading | 0.0 | | | | | |
| | | SBVWC | D Recharge | | | |
| Location | Type | Previous Day (AF) | WY To Date (AF) | Target | Calendar Year To Date (AF) | 1 |

| | Location | Type | | Previous Day (AF) | | | WY To Date (AF) | Target | | Calendar Year To Date (AF) | Target |
|-------|-----------------------------|--------|-------|-------------------|---|-------|--------------------------|---------|----|----------------------------|---------|
| A4 | Santa Ana River | SAR | E4 | 0.0 | | 14 | 224.3 | 123,000 | 14 | 2,472.4 | 123,000 |
| M4 | Santa Ana Rvr to Mill Creek | SAR-MC | N4 | 0.0 | | 04 | 0.0 | | 04 | 133.7 | |
| B4 | Santa Ana River | SWP | F4 | 0.0 | | J4 | 0.0 | | J4 | 62.0 | |
| C4 | Mill Creek | MC | G4 | 0.0 | | K4 | 44.2 | 73,800 | K4 | 699.4 | 73,800 |
| D4 | Mill Creek | SWP | H4 | 0.0 | | L4 | 0 | 714 | L4 | 0 | 714 |
| | SBVMWD | SWP | | | | | | | | | |
| | WMWD | SWP | | | | | | | | | |
| SAF | R Passing Cuttle Weir | 0 | Share | e of Lost Flow | 0 | Estir | mate SAR Recharge | 0 | | | |
| N 4:1 | L Crook Bassing Carnot | 0 | Char | of Lost Flow | 0 | Fctir | nate Mill Creek Recharge | 0 | | | |

| WMWD | SWP | | | | |
|---------------------------------|-----|------------------------|---|------------------------------|---|
| SAR Passing Cuttle Weir | 0 | Share of Lost Flow | 0 | Estimate SAR Recharge | 0 |
| Mill Creek Passing Garnet | 0 | Share of Lost Flow | 0 | Estimate Mill Creek Recharge | 0 |
| Flow in the River Above Alabama | 0 | Flowing Beyond Alabama | 0 | Total River Recharge | 0 |





Daily Flow Report Summary

Date: 11/12/2015

Time: 8:00:00 AM

| | Santa Ana River | Flow Rate (cfs) |
|-----------|-----------------------------|--------------------|
| A5 | Total SAR Inflows | 21.4 |
| N2 | Total SAR Deliveries | 21.4 |
| A1 | SAR PH#3 Penstock (calc) | 12.8 |
| B1 | BVMWC Highline | 4.0 |
| C1 | Greenspot Pipeline | 0.0 |
| L2 | SBVWCD Parshall Flume | 0.0 |
| G2 | North Fork Canal Weir | 2.0 |
| H2 | Edwards Canal | 0.9 |
| W1 | Redlands Aqueduct (calc) | 14.5 |

| | Mill Creek | Flow Rate (cfs) | | |
|----|-------------------------|--------------------|--|--|
| D3 | Total MC Inflows | 12.1 | | |
| U3 | Total MC Deliveries | 12.1 | | |
| К3 | Yucaipa Pipeline | 0.0 | | |
| 03 | SBVWCD Spreading | 0.0 | | |
| Т3 | MC #1 Flow (Cooley Hat) | 12.1 | | |

| | State Water Project | | | | | |
|---|----------------------|-----|--|--|--|--|
| G | Total SWP Inflows | 6.5 | | | | |
| ٧ | Total SWP Deliveries | 6.5 | | | | |
| J | Northfork Canal | 5.7 | | | | |
| L | Redlands Aqueduct | 0.0 | | | | |
| М | Crafton Unger Lane | 0.0 | | | | |
| Т | Newport to BVMWC | 0.8 | | | | |

| Reservoir Levels | Feet |
|--------------------------------|--------|
| Observation at SOD | 2156.4 |
| Crafton Reservoir Level (21.3) | 16.8 |
| Mentone Reservoir Level | 17.2 |

| River Recharge | AF |
|------------------------------|-----|
| Estimate SAR Recharge | 0.0 |
| Estimate Mill Creek Recharge | 0.0 |
| Total River Recharge | 0.0 |

| Location | Type | WY to Date (AF) | Target |
|-------------------------------|--------|-----------------|---------|
| Santa Ana River | SAR | 224 | 123,000 |
| Santa Ana River to Mill Creek | SAR-MC | 0 | 0 |
| Santa Ana River | SWP | 0 | 0 |
| Mill Creek | MC | 44 | 73,800 |
| Mill Creek | SWP | 0 | 714 |
| SBVMWD | SWP | 0 | 0 |
| WMWD | SWP | 0 | 0 |

Notes: Numbers on the Daily Flow Report are a snapshot of water at a given location at the time of the read, normally very early in the morning, and not necessarily what is at that location thruout the day. As of June 1st, all East Valley and Redlands SWP water, as well as Newport and Crafton Unger Lane, is In Lieu water, and not purchased. The value for the BVMWC River Pick-up had previously always been the USGS meter minus the Greenspot spill. It has been corrected so that the value listed on the DFR is now the reading at that location. A calendar year total for recharge has been added in addition to the water year total.

Daily Flow Report

Date: <u>11/12/2015</u> Time: 8:00:00 AM

| | Date: 11/12/2015 Time: 8:00:00 AM | | | | | | | | | | |
|----------|---|-------------|----------|----------------------------------|-------------------|-------|---|-------------------|----------|---|-------------------|
| Г | | | | | State Wa | | Project | | | | |
| | Inflows | | | | | eries | • | | | | |
| Α | BBMWD In-lieu | 6.5 | Н | EVWD Treatment Plant | 0.0 | Р | SARC West | 0.0 | | | |
| В | Muni test at Greenspot Station | 0.0 | - 1 | Santa Ana Low Turnout | 0.0 | Q | Zanja | 0.0 | | | |
| С | Exchange Water | 0.0 | J | Northfork Canal | 5.7 | R | Tate Treatment Plant | 0.0 | | | |
| D | Purchased Water | 0.0 | К | Edwards Canal | 0.0 | S | SBCFCD Grove | 0.0 | | | |
| Е | Redlands Aqueduct Leakage | 0.0 | L | Redlands Aqueduct | 0.0 | Т | Newport for BVMWC | 0.8 | | | |
| F | Recharge Project | 0.0 | М | Crafton Unger Lane | 0.0 | U | M/C spreading at Zanja Tate | 0.0 | | | |
| G | Total SWP Inflows | 6.5 | N | BVMWC Boullioun Box | 0.0 | v | Total SWP Deliveries | 6.5 | | | |
| | C42 211 112 2 | | | | inta Ana | Rive | r Inflows | | _ | | |
| G2 | SAR PH #3 Penstock (calc) Northfork Canal Weir | 2.0 | | BVMWC Highline Newport | 0.0 | D1 | SOD Release Subtotal BVMWC River PU (USGS) | 4.6 | A1 | Total SAR Inflows SAR PH #3 Penstock (calc) | 12.8 |
| H2 | Edwards Canal | 2.0 0.9 | A2 D2 | Boullioun Box Weir | 0.0 4.0 | _ | Main River Gage (USGS) | 0.0 | | BVMWC Highline | |
| J2 | Tailrace Valve to Parshall Flume | 0.9 | E2 | Boullioun Box to Zanja | 0.0 | | Iviairi River Gage (03G3) | minus | | Greenspot Pipeline | 4.0 0.0 |
| K2 | Northfork Parshall Flume | 0.0 | F2 | SBVWCD Mill Creek Spreading | 0.0 | F1 | Greenspot Spill | 0.0 | _ | BVMWC River PU (USGS) | 4.6 |
| V1 | PH#3 Afterbay SpillLoss to SAR | 0.0 | B1 | BVMWC Highline | 4.0 | Z1 | SOD Release Subtotal | 4.6 | E1 | Main River Gage (USGS) | 0.0 |
| W1 | Redlands Aqueduct / Sandbox | 14.8 | | DVIVIUE ING. | 4.0 | | 300 Neieuse Subtotui | 4.0 | - | BV Pick-Up gated | 0.0 |
| Y1 | Redlands Sandbox Spill | 0.0 | | Other | | | Seven Oaks Dam | | A5 | Total SAR Inflows | 21.4 |
| | | minus | J1 | Big Bear Lake Release | 5.0 | w | Observation at SOD | 2156.4 | | | |
| D1 | BVMWC River PU (USGS) | 4.6 | L1 | SCE SAR AVM (SCADA) | 17.3 | х | SOD Reservoir Elevation (scada) | 2156.7 | | | |
| I1 | Redlands Tunnel | 0.3 | X1 | SAR-MC Spread (Red. Aqueduct) | 0.0 | Υ | Debris Pool Elevation | 0.0 | | | |
| A1 | SAR PH #3 Penstock (calc) | 12.8 | | | | | | | | | |
| K1 | PH3# Penstock (SCADA) | 13.4 | | | | | | | | | |
| | | | | Sar | nta Ana R | liver | Deliveries | | | | |
| | Greenspot Pipeline | | | Tailrace Pipeline | | | SBVWCD Parshall FlumeTo Basir | _ | | Deliveries | |
| M1 | SBCFCD Grove | 0.0 | G2 | Northfork Canal Weir | 2.0 | J2 | Tailrace Valve to Parshall Flume Northfork Parshall Flume | 0.0 | V1 | SAR PH #3 Afterbay Spill | 0.0 |
| N1 | BVMWC Highline | 0.0 | H2 | Edwards Canal | 0.9 | - | | 0.0 | _ | Redlands Aqueduct / Sandbox | 14.8 |
| O1 P1 | Newport for BVMWC | 0.0 | J2 | Tailrace Valve to Parshall Flume | 0.0 | H1 | SBVWCD Diversion SBVWCD Parshall Flume | 0.0 | Y1 Z2 | Redlands Sandbox Spill Cuttle Weir To River | 0.0 |
| Q1 | SBVWCD Mill Creek Spreading Crafton WC Unger Lane | 0.0 | K2 | Northfork Parshall Flume | 0.0 2.9 | | Parshall Flume (SCADA) | 0.0 | - | BVMWC Highline | 0.0 |
| R1 | BVMWC Highline to Boullioun | 0.0 | 12 | Tailrace Pipeline | 2.9 | | Parsitali Fiurile (SCADA) | 0.0 | - | Greenspot Pipeline | 4.0 0.0 |
| S1 | Crafton WC Boullioun | 0.0 | | | | | Irrigation | | _ | Tailrace Pipeline | 2.9 |
| T1 | Tate Pump Station to Zanja | 0.0 | | | | D2 | Boullioun Box Weir | 4.0 | _ | SBVWCD Parshall Flume | 0.0 |
| C1 | Greenspot Pipeline | 0.0 | | | | | Boamban Box Wen | minus | | obvivos varsiiaii riaine | minus |
| | | | | | | B2 | Gay Overflow | 2.2 | J2 | Tailrace Valve to Parshall Flume | 0.0 |
| | | | | | | C2 | Irrigation | 1.8 | K2 | Northfork Parshall Flume | 0.0 |
| | | | | | | | | | I1 | Redlands Tunnel | 0.3 |
| | | | | | | | | | N2 | Total SAR Deliveries | 21.4 |
| | | | | | Mill Cre | ek Ir | flows | | | | |
| | Total MC Inflows | | | Other | | | | | | | |
| А3 | | 6.8 | E3 | M/C #1 Penstock Flow | 12.1 | | | | | | |
| В3 | M/C #3 Penstock | 5.3 | F3 | Stream Parshall Flume to Yucaipa | 0.0 | | | | | | |
| С3 | SBVWCD Mill Creek Diversion | 0.0 | G3 | Observation at Garnet | 0.0 | | | | | | |
| D3 | Total MC Inflows | 12.1 | | | | | | | | | |
| | | | | | Mill Cree | k De | | | | | |
| | Yucaipa Pipeline | | | MC #1 Flow (Cooley Hat) | | | Total MC Deliveries | | | Other | |
| 13 | Yucaipa Regional Park | 0.0 | <u> </u> | Tate Inflow | 11.0 | - | SBVWCD Mill Creek Diversion | 0.0 | _ | Mentone Reservoir Level | 17.2 |
| J3 | Wilson Creek Spreading | 0.0 | Q3 | East Weir to Mill Creek | 0.0 | Т3 | Mill Creek #1 Flow (Cooley Hat) | 12.1 | _ | Boullioun to BVMWC Highline | 0.0 |
| К3 | Yucaipa Pipeline | 0.0 | S3 | East Weir to Zanja | 1.1 | U3 | Total MC Deliveries | 12.1 | V3 | Zanja West Weir to CWC Canal | 0.6 |
| | CD/UNCD \$40 C | | Т3 | MC #1 Flow (Cooley Hat) | 12.1 | | | | W3 | Mill Creek PH #2,3 Afterbay Spill | 0.0 |
| - | SBVWCD MC Spreading | 0.0 | | | | | | | Y3 | Crafton Reservoir Level (21.3) | 16.8 |
| C3 | SBVWCD Mill Creek Diversion | 0.0 | | | | | | | | | |
| L3 | East Weir (MC) | 0.0 | | | | | | | | | |
| M3 | BVHL (SAR) | 0.0 | | | | | | | | | |
| X1 | SAR-MC Spread (Red. Aqueduct) | 0.0 | | | | | | | | | |
| 03 | SBVWCD MC Spreading | 0.0 | | | CDVANC | \ r - | -h - u | | | | |
| \vdash | | | _ | | SBVWC | Ke(| | | _ | | 1 |
| A4 | Location Santa Ana River | Type SAR | E4 | Previous Day (AF) 0.0 | | 14 | WY To Date (AF) 224.3 | Target 123,000 | 14 | Calendar Year To Date (AF) 2,472.4 | Target 123,000 |
| M4 | Santa Ana Rvr to Mill Creek | SAR-MC | N4 | 0.0 | | 04 | 0.0 | 123,000 | 04 | 133.7 | 123,000 |
| | | SWP | T | 0.0 | | J4 | 0.0 | | J4 | 62.0 | |
| B4 | Santa Ana River | | F4 | | | _ | | | | | |
| C4 | Mill Creek | MC | G4 | 0.0 | | K4 | 44.2 | 73,800 | K4 | 699.4 | 73,800 |
| | Mill Creek Mill Creek | MC SWP | | | | _ | | 73,800 714 | K4 | 699.4 0 | 73,800 714 |
| C4 | Mill Creek | MC | G4 | 0.0 | | K4 | 44.2 | | | | |

Estimate SAR Recharge

Total River Recharge

Estimate Mill Creek Recharge

0

0

0

0

SAR Passing Cuttle Weir

Mill Creek Passing Garnet
Flow in the River Above Alabama

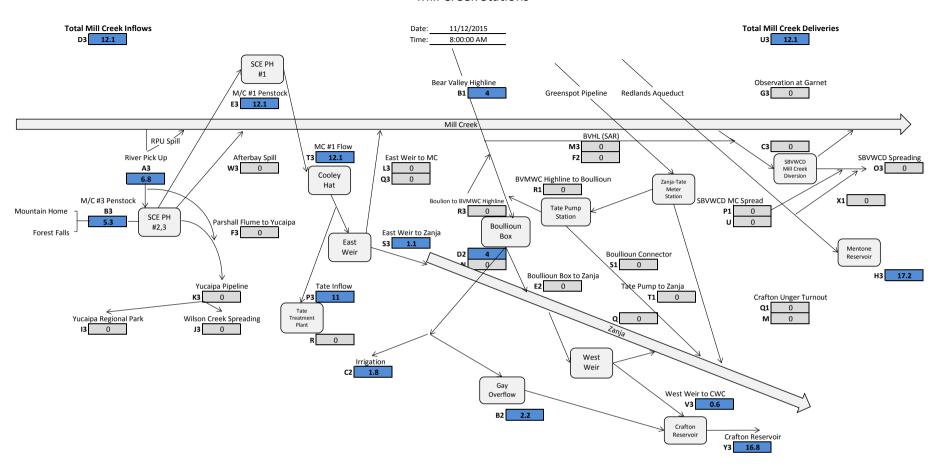
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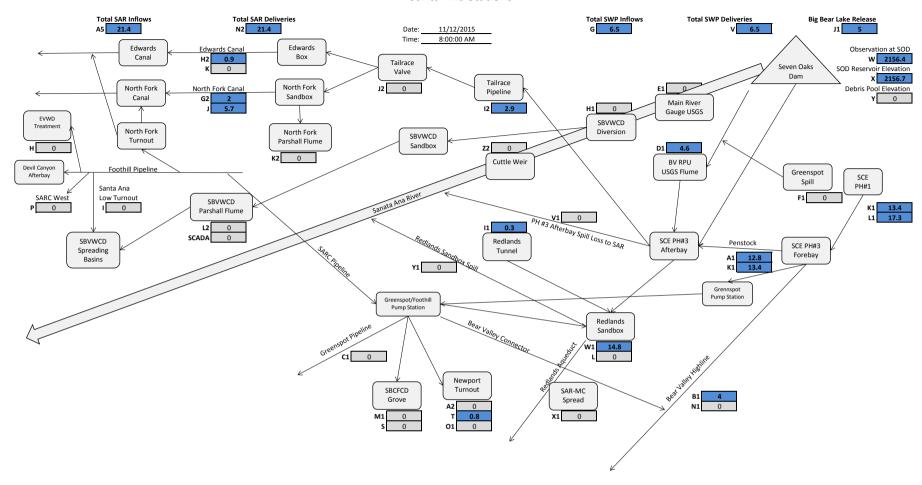
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Share of Lost Flow

Share of Lost Flow

Flowing Beyond Alabama





Daily Flow Report Summary

Date: 11/13/2015

Time: 7:25:00 AM

| | Santa Ana River | | | | | | |
|-----------|--------------------------|------|--|--|--|--|--|
| A5 | Total SAR Inflows | 19.1 | | | | | |
| N2 | Total SAR Deliveries | 19.1 | | | | | |
| A1 | SAR PH#3 Penstock (calc) | 10.2 | | | | | |
| B1 | BVMWC Highline | 3.8 | | | | | |
| C1 | Greenspot Pipeline | 0.0 | | | | | |
| L2 | SBVWCD Parshall Flume | 0.0 | | | | | |
| G2 | North Fork Canal Weir | 2.1 | | | | | |
| H2 | Edwards Canal | 0.8 | | | | | |
| W1 | Redlands Aqueduct (calc) | 12.4 | | | | | |

| | Mill Creek | | | | | |
|----|-------------------------|-----|--|--|--|--|
| D3 | Total MC Inflows | 9.3 | | | | |
| U3 | Total MC Deliveries | 9.3 | | | | |
| К3 | Yucaipa Pipeline | 0.0 | | | | |
| 03 | SBVWCD Spreading | 0.0 | | | | |
| T3 | MC #1 Flow (Cooley Hat) | 9.3 | | | | |
| | | | | | | |

| | State Water Project | | | | | | |
|---|----------------------|-----|--|--|--|--|--|
| G | G Total SWP Inflows | | | | | | |
| ٧ | Total SWP Deliveries | 6.4 | | | | | |
| J | Northfork Canal | 5.7 | | | | | |
| L | Redlands Aqueduct | 0.0 | | | | | |
| М | Crafton Unger Lane | 0.0 | | | | | |
| Т | Newport to BVMWC | 0.7 | | | | | |

| Reservoir Levels | Feet |
|--------------------------------|--------|
| Observation at SOD | 2156.4 |
| Crafton Reservoir Level (21.3) | 15.9 |
| Mentone Reservoir Level | 18.7 |

| River Recharge | AF |
|------------------------------|-----|
| Estimate SAR Recharge | 0.0 |
| Estimate Mill Creek Recharge | 0.0 |
| Total River Recharge | 0.0 |

| Location | Type | WY to Date (AF) | Target |
|-------------------------------|--------|-----------------|---------|
| Santa Ana River | SAR | 224 | 123,000 |
| Santa Ana River to Mill Creek | SAR-MC | 0 | 0 |
| Santa Ana River | SWP | 0 | 0 |
| Mill Creek | MC | 44 | 73,800 |
| Mill Creek | SWP | 0 | 714 |
| SBVMWD | SWP | 0 | 0 |
| WMWD | SWP | 0 | 0 |

Notes: Numbers on the Daily Flow Report are a snapshot of water at a given location at the time of the read, normally very early in the morning, and not necessarily what is at that location thruout the day. As of June 1st, all East Valley and Redlands SWP water, as well as Newport and Crafton Unger Lane, is In Lieu water, and not purchased. The value for the BVMWC River Pick-up had previously always been the USGS meter minus the Greenspot spill. It has been corrected so that the value listed on the DFR is now the reading at that location. A calendar year total for recharge has been added in addition to the water year total.

Daily Flow Report

11/13/2015

| | | | | Date: | 11/13/2 | | | - | | | |
|----------|----------------------------------|--------|-----|----------------------------------|------------|----------|---------------------------------|---------|----|-----------------------------------|---------|
| _ | | | | Time: | 7:25:00 | | | - | | | |
| <u> </u> | | | _ | | State W | | | | | | |
| \vdash | Inflows | | | Tanana = | | veries | l | | | | |
| Α | BBMWD In-lieu | 6.4 | Н | EVWD Treatment Plant | 0.0 | Р | SARC West | 0.0 | | | |
| В | Muni test at Greenspot Station | 0.0 | - 1 | Santa Ana Low Turnout | 0.0 | Q | Zanja | 0.0 | | | |
| С | Exchange Water | 0.0 | J | Northfork Canal | 5.7 | R | Tate Treatment Plant | 0.0 | | | |
| D | Purchased Water | 0.0 | K | Edwards Canal | 0.0 | S | SBCFCD Grove | 0.0 | | | |
| Е | Redlands Aqueduct Leakage | 0.0 | L | Redlands Aqueduct | 0.0 | Т | Newport for BVMWC | 0.7 | | | |
| F | Recharge Project | 0.0 | М | Crafton Unger Lane | 0.0 | U | M/C spreading at Zanja Tate | 0.0 | | | |
| G | Total SWP Inflows | 6.4 | N | BVMWC Boullioun Box | 0.0 | ٧ | Total SWP Deliveries | 6.4 | | | |
| | | | | Sa | anta Ana | Rive | er Inflows | | | | |
| | SAR PH #3 Penstock (calc) | | | BVMWC Highline | | | SOD Release Subtotal | | | Total SAR Inflows | |
| G2 | Northfork Canal Weir | 2.1 | A2 | Newport | 0.0 | D1 | BVMWC River PU (USGS) | 5.1 | A1 | SAR PH #3 Penstock (calc) | 10.2 |
| Н2 | Edwards Canal | 0.8 | D2 | Boullioun Box Weir | 3.8 | E1 | Main River Gage (USGS) | 0.0 | B1 | BVMWC Highline | 3.8 |
| J2 | Tailrace Valve to Parshall Flume | 0.0 | E2 | Boullioun Box to Zanja | 0.0 | ╫ | , , | minus | | Greenspot Pipeline | 0.0 |
| К2 | Northfork Parshall Flume | 0.0 | F2 | SBVWCD Mill Creek Spreading | 0.0 | F1 | Greenspot Spill | 0.0 | _ | BVMWC River PU (USGS) | 5.1 |
| | PH#3 Afterbay SpillLoss to SAR | 0.0 | B1 | BVMWC Highline | | Z1 | SOD Release Subtotal | 5.1 | _ | Main River Gage (USGS) | 0.0 |
| _ | , , | | ь | BVIVIVC Highline | 3.0 | 21 | 30D Release Subtotal | 5.1 | _ | | 0.0 |
| _ | Redlands Aqueduct / Sandbox | 12.7 | _ | Other: | | 1 | Carran Oalla Darra | | - | BV Pick-Up gated | |
| Y1 | Redlands Sandbox Spill | 0.0 | | Other | 1 | ╟ | Seven Oaks Dam | 24564 | A5 | Total SAR Inflows | 19.1 |
| - | 214 414 22 | minus | J1 | Big Bear Lake Release | 5.0 | w | Observation at SOD | 2156.4 | | | |
| _ | BVMWC River PU (USGS) | 5.1 | L1 | SCE SAR AVM (SCADA) | 15.3 | Х | SOD Reservoir Elevation (scada) | 2156.7 | | | |
| I1 | Redlands Tunnel | 0.3 | X1 | SAR-MC Spread (Red. Aqueduct) | 0.0 | Υ | Debris Pool Elevation | 0.0 | | | |
| A1 | SAR PH #3 Penstock (calc) | 10.2 | | | | | | | | | |
| K1 | PH3# Penstock (SCADA) | 14.0 | | | | | | | | | |
| | | | | Sar | nta Ana I | River | Deliveries | | | | |
| | Greenspot Pipeline | | | Tailrace Pipeline | | | SBVWCD Parshall FlumeTo Basii | | | Deliveries | |
| | SBCFCD Grove | 0.0 | G2 | Northfork Canal Weir | 2.1 | J2 | | 0.0 | | SAR PH #3 Afterbay Spill | 0.0 |
| N1 | BVMWC Highline | 0.0 | H2 | Edwards Canal | 0.8 | K2 | Northfork Parshall Flume | 0.0 | W1 | Redlands Aqueduct / Sandbox | 12.7 |
| 01 | Newport for BVMWC | 0.0 | J2 | Tailrace Valve to Parshall Flume | 0.0 | H1 | SBVWCD Diversion | 0.0 | Y1 | Redlands Sandbox Spill | 0.0 |
| P1 | SBVWCD Mill Creek Spreading | 0.0 | К2 | Northfork Parshall Flume | 0.0 | L2 | SBVWCD Parshall Flume | 0.0 | Z2 | Cuttle Weir To River | 0.0 |
| Q1 | Crafton WC Unger Lane | 0.0 | 12 | Tailrace Pipeline | 2.9 | | Parshall Flume (SCADA) | 0.0 | B1 | BVMWC Highline | 3.8 |
| R1 | BVMWC Highline to Boullioun | 0.0 | | | | | | | C1 | Greenspot Pipeline | 0.0 |
| S1 | Crafton WC Boullioun | 0.0 | | | | | Irrigation | | 12 | Tailrace Pipeline | 2.9 |
| T1 | Tate Pump Station to Zanja | 0.0 | | | | D2 | Boullioun Box Weir | 3.8 | L2 | SBVWCD Parshall Flume | 0.0 |
| C1 | Greenspot Pipeline | 0.0 | | | | | | minus | | | minus |
| | отосторого фотпо | 0.0 | | | | B2 | Gay Overflow | 2.8 | J2 | Tailrace Valve to Parshall Flume | 0.0 |
| | | | | | | C2 | Irrigation | 1.0 | K2 | Northfork Parshall Flume | 0.0 |
| | | | | | | _ | • | | 11 | Redlands Tunnel | 0.3 |
| | | | | | | | | | N2 | Total SAR Deliveries | 19.1 |
| _ | | | | | Mill Cre | a ale In | aflaa | | _ | 1044.07.11.20.110.1103 | 13.1 |
| <u> </u> | T . 1000 . 6 | | ī | | IVIIII CIE | ek ir | illows | | | | |
| - | Total MC Inflows | | | Other | | ł | | | | | |
| | RPU Flow | 4.0 | E3 | M/C #1 Penstock Flow | 9.3 | | | | | | |
| \vdash | M/C #3 Penstock | 5.3 | F3 | Stream Parshall Flume to Yucaipa | 0.0 | | | | | | |
| C3 | SBVWCD Mill Creek Diversion | 0.0 | G3 | Observation at Garnet | 0.0 | | | | | | |
| D3 | Total MC Inflows | 9.3 | | | | | | | | | |
| | | | | | Mill Cre | ek De | eliveries | | | | |
| | Yucaipa Pipeline | | | MC #1 Flow (Cooley Hat) | | | Total MC Deliveries | | | Other | |
| 13 | Yucaipa Regional Park | 0.0 | Р3 | Tate Inflow | 7.0 | СЗ | SBVWCD Mill Creek Diversion | 0.0 | Н3 | Mentone Reservoir Level | 18.7 |
| J3 | Wilson Creek Spreading | 0.0 | Q3 | East Weir to Mill Creek | 0.0 | Т3 | Mill Creek #1 Flow (Cooley Hat) | 9.3 | R3 | Boullioun to BVMWC Highline | 0.0 |
| кз | Yucaipa Pipeline | 0.0 | S3 | East Weir to Zanja | 2.3 | U3 | Total MC Deliveries | 9.3 | V3 | Zanja West Weir to CWC Canal | 0.1 |
| | 100 00 00 | | Т3 | MC #1 Flow (Cooley Hat) | 9.3 | ! | | | W3 | Mill Creek PH #2,3 Afterbay Spill | 0.0 |
| | SBVWCD MC Spreading | | 13 | | 3.3 | J | | | Y3 | Crafton Reservoir Level (21.3) | 15.9 |
| C2 | SBVWCD Mill Creek Diversion | 0.0 | | | | | | | .5 | Crarton Reservoir Level (21.5) | 13.3 |
| _ | | | | | | | | | | | |
| - | East Weir (MC) | 0.0 | | | | | | | | | |
| M3 | BVHL (SAR) | 0.0 | | | | | | | | | |
| X1 | SAR-MC Spread (Red. Aqueduct) | 0.0 | | | | | | | | | |
| 03 | SBVWCD MC Spreading | 0.0 | | | | | | | | | |
| | | | | | SBVWC | D Re | charge | | | | |
| | Location | Туре | | Previous Day (AF) | | ΙΤ | WY To Date (AF) | Target | | Calendar Year To Date (AF) | Target |
| | Santa Ana River | SAR | E4 | 0.0 | | 14 | 224.3 | 123,000 | 14 | 2,472.4 | 123,000 |
| M4 | Santa Ana Rvr to Mill Creek | SAR-MC | N4 | 0.0 | | 04 | 0.0 | | 04 | 133.7 | |
| | Santa Ana River | SWP | F4 | 0.0 | | J4 | 0.0 | 70.00 | J4 | 62.0 | 70.00 |
| | Mill Creek | MC | G4 | 0.0 | | K4 | 44.2 | 73,800 | K4 | 699.4 | 73,800 |

714

D4 Mill Creek

SBVMWD

SAR Passing Cuttle Weir

Mill Creek Passing Garnet
Flow in the River Above Alabama

WMWD

SWP

SWP

SWP

0

0

0.0

0

0

Estimate SAR Recharge

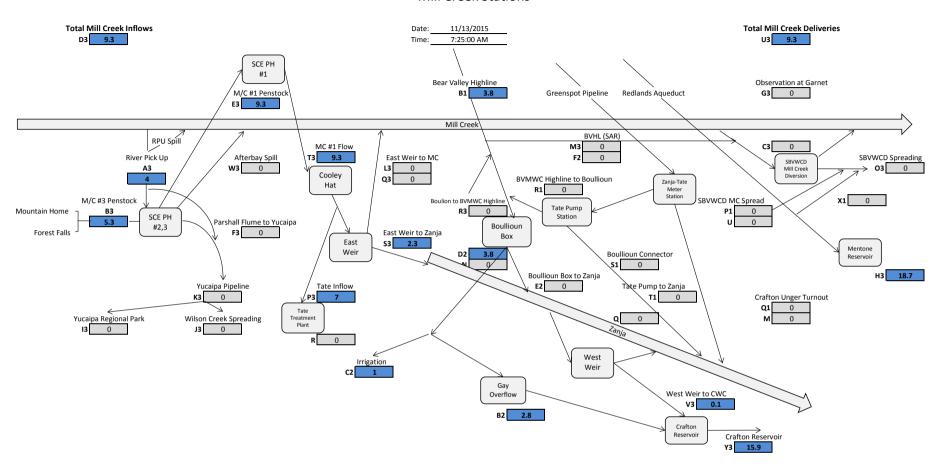
Estimate Mill Creek Recharge Total River Recharge

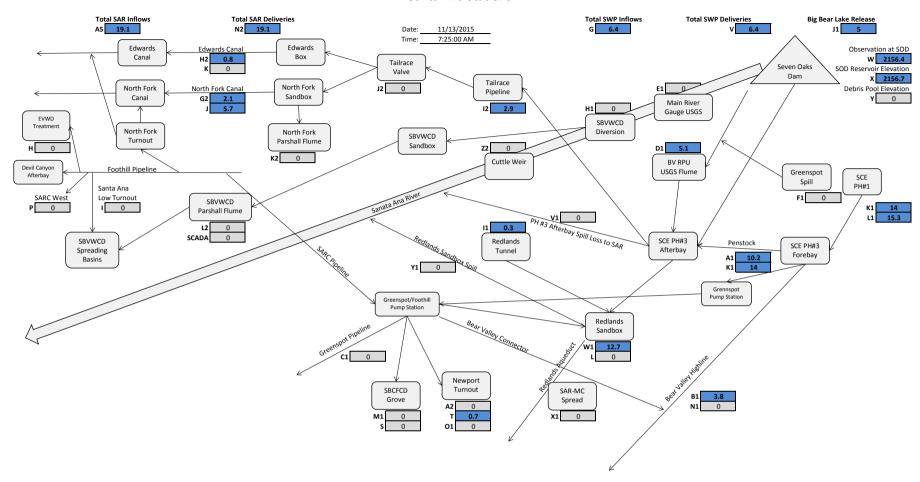
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Share of Lost Flow

Share of Lost Flow Flowing Beyond Alabama





Daily Flow Report Summary

Date: 11/16/2015

Time: 7:30:00 AM

| | Santa Ana River | | | | | | |
|-----------|--------------------------|------|--|--|--|--|--|
| A5 | A5 Total SAR Inflows | | | | | | |
| N2 | Total SAR Deliveries | 23.0 | | | | | |
| A1 | SAR PH#3 Penstock (calc) | 14.6 | | | | | |
| B1 | BVMWC Highline | 4.0 | | | | | |
| C1 | Greenspot Pipeline | 0.0 | | | | | |
| L2 | SBVWCD Parshall Flume | 0.0 | | | | | |
| G2 | North Fork Canal Weir | 2.0 | | | | | |
| H2 | Edwards Canal | 0.0 | | | | | |
| W1 | Redlands Aqueduct (calc) | 17.0 | | | | | |

| | Mill Creek | | | | | |
|----|-------------------------|-----|--|--|--|--|
| D3 | Total MC Inflows | 9.3 | | | | |
| U3 | Total MC Deliveries | 9.3 | | | | |
| К3 | Yucaipa Pipeline | 0.0 | | | | |
| 03 | SBVWCD Spreading | 0.0 | | | | |
| Т3 | MC #1 Flow (Cooley Hat) | 9.3 | | | | |

| | State Water Project | Flow Rate (cfs) | | |
|---|----------------------|--------------------|--|--|
| G | G Total SWP Inflows | | | |
| ٧ | Total SWP Deliveries | 5.7 | | |
| J | Northfork Canal | 5.7 | | |
| L | Redlands Aqueduct | 0.0 | | |
| М | Crafton Unger Lane | 0.0 | | |
| Т | Newport to BVMWC | 0.0 | | |

| Reservoir Levels | Feet |
|--------------------------------|---------|
| Observation at SOD | 2156.15 |
| Crafton Reservoir Level (21.3) | 17.5 |
| Mentone Reservoir Level | 22.2 |

| River Recharge | AF |
|------------------------------|-----|
| Estimate SAR Recharge | 0.0 |
| Estimate Mill Creek Recharge | 0.0 |
| Total River Recharge | 0.0 |

| Location | Туре | WY to Date (AF) | Target |
|-------------------------------|--------|-----------------|---------|
| Santa Ana River | SAR | 224 | 123,000 |
| Santa Ana River to Mill Creek | SAR-MC | 0 | 0 |
| Santa Ana River | SWP | 0 | 0 |
| Mill Creek | MC | 44 | 73,800 |
| Mill Creek | SWP | 0 | 714 |
| SBVMWD | SWP | 0 | 0 |
| WMWD | SWP | 0 | 0 |

| | | | 30 | anta Ana River - Will | | | • | lojec | | | |
|---|---|-------|-----|----------------------------------|----------|-------|----------------------------------|--------|----------|----------------------------------|-------|
| | | | | | Daily Fl | | eport | | | | |
| | Date: <u>11/16/2</u> | | | | | | | | | | |
| | Time: 7:30:00 AM | | | | | | | | | | |
| State Water Project | | | | | | | | | | | |
| | Inflows | | | _ | Deliv | eries | | | | | |
| Α | BBMWD In-lieu | 5.7 | Н | EVWD Treatment Plant | 0.0 | - | SARC West | 0.0 | | | |
| В | Muni test at Greenspot Station | 0.0 | - 1 | Santa Ana Low Turnout | 0.0 | Q | Zanja | 0.0 | | | |
| С | Exchange Water | 0.0 | J | Northfork Canal | 5.7 | R | Tate Treatment Plant | 0.0 | | | |
| D | Purchased Water | 0.0 | K | Edwards Canal | 0.0 | S | SBCFCD Grove | 0.0 | | | |
| Е | Redlands Aqueduct Leakage | 0.0 | L | Redlands Aqueduct | 0.0 | Т | Newport for BVMWC | 0.0 | | | |
| F | Recharge Project | 0.0 | М | Crafton Unger Lane | 0.0 | U | M/C spreading at Zanja Tate | 0.0 | | | |
| G | Total SWP Inflows | 5.7 | N | BVMWC Boullioun Box | 0.0 | V | Total SWP Deliveries | 5.7 | | | |
| | | | | Sa | nta Ana | Rive | r Inflows | | | | |
| | SAR PH #3 Penstock (calc) | | | BVMWC Highline | | | SOD Release Subtotal | | | Total SAR Inflows | |
| G2 | Northfork Canal Weir | 2.0 | A2 | Newport | 0.0 | D1 | BVMWC River PU (USGS) | 4.4 | A1 | SAR PH #3 Penstock (calc) | 14.6 |
| Н2 | Edwards Canal | 0.0 | D2 | Boullioun Box Weir | 4.0 | E1 | Main River Gage (USGS) | 0.0 | В1 | BVMWC Highline | 4.0 |
| J2 | Tailrace Valve to Parshall Flume | 0.0 | E2 | Boullioun Box to Zanja | 0.0 | | | minus | C1 | Greenspot Pipeline | 0.0 |
| К2 | Northfork Parshall Flume | 0.0 | F2 | SBVWCD Mill Creek Spreading | 0.0 | F1 | Greenspot Spill | 0.0 | D1 | BVMWC River PU (USGS) | 4.4 |
| V1 | PH#3 Afterbay SpillLoss to SAR | 0.0 | В1 | BVMWC Highline | 4.0 | Z1 | SOD Release Subtotal | 4.4 | E1 | Main River Gage (USGS) | 0.0 |
| W1 | Redlands Aqueduct / Sandbox | 17.3 | - | | | - | | | D1a | BV Pick-Up gated | |
| Y1 | Redlands Sandbox Spill | 0.0 | | Other | | | Seven Oaks Dam | | A5 | Total SAR Inflows | 23.0 |
| | · · | minus | J1 | Big Bear Lake Release | 5.0 | w | Observation at SOD | 2156.2 | | | |
| D1 | BVMWC River PU (USGS) | 4.4 | L1 | SCE SAR AVM (SCADA) | 20.8 | х | SOD Reservoir Elevation (scada) | 2155.9 | | | |
| I1 | Redlands Tunnel | 0.3 | Х1 | SAR-MC Spread (Red. Aqueduct) | 0.0 | Υ | Debris Pool Elevation | 0.0 | | | |
| A1 | SAR PH #3 Penstock (calc) | 14.6 | | | | | | | | | |
| K1 | PH3# Penstock (SCADA) | 14.7 | | | | | | | | | |
| Ī | | | | San | ta Ana R | iver | Deliveries | | | | |
| | Greenspot Pipeline | | | Tailrace Pipeline | | | SBVWCD Parshall FlumeTo Basir | ıs | | Deliveries | |
| M1 | SBCFCD Grove | 0.0 | G2 | Northfork Canal Weir | 2.0 | J2 | Tailrace Valve to Parshall Flume | 0.0 | V1 | SAR PH #3 Afterbay Spill | 0.0 |
| N1 | BVMWC Highline | 0.0 | H2 | Edwards Canal | 0.0 | K2 | Northfork Parshall Flume | 0.0 | W1 | Redlands Aqueduct / Sandbox | 17.3 |
| 01 | Newport for BVMWC | 0.0 | J2 | Tailrace Valve to Parshall Flume | 0.0 | Н1 | SBVWCD Diversion | 0.0 | Y1 | Redlands Sandbox Spill | 0.0 |
| P1 | SBVWCD Mill Creek Spreading | 0.0 | К2 | Northfork Parshall Flume | 0.0 | L2 | SBVWCD Parshall Flume | 0.0 | Z2 | Cuttle Weir To River | 0.0 |
| Q1 | Crafton WC Unger Lane | 0.0 | 12 | Tailrace Pipeline | 2.0 | | Parshall Flume (SCADA) | 0.0 | B1 | BVMWC Highline | 4.0 |
| R1 | BVMWC Highline to Boullioun | 0.0 | _ | | | | | | C1 | Greenspot Pipeline | 0.0 |
| S1 | Crafton WC Boullioun | 0.0 | | | | | Irrigation | | 12 | Tailrace Pipeline | 2.0 |
| T1 | Tate Pump Station to Zanja | 0.0 | | | | D2 | Boullioun Box Weir | 4.0 | L2 | SBVWCD Parshall Flume | 0.0 |
| C1 | Greenspot Pipeline | 0.0 | | | | | | minus | | | minus |
| | | | | | | B2 | Gay Overflow | 3.7 | J2 | Tailrace Valve to Parshall Flume | 0.0 |
| cz Irrigation 0.3 K2 Northfork Parshall Flume 0.0 | | | | | | | | | | | |
| 11 Redlands Tunnel 0.3 | | | | | | | | | | | |
| N2 Total SAR Deliveries 23.0 | | | | | | | | | | | |
| | | | | | Mill Cro | ek Ir | flows | | <u> </u> | | |
| H | Mill Creek Inflows Total MC Inflows Other | | | | | | | | | | |

| | Total MC Inflows | | | Other | |
|----|-----------------------------|-----|----|----------------------------------|-----|
| А3 | RPU Flow | 3.2 | E3 | M/C #1 Penstock Flow | 9.3 |
| В3 | M/C #3 Penstock | 6.1 | F3 | Stream Parshall Flume to Yucaipa | 0.0 |
| С3 | SBVWCD Mill Creek Diversion | 0.0 | G3 | Observation at Garnet | 0.0 |
| D3 | Total MC Inflows | 9.3 | | | |

| | Mill Creek Deliveries | | | | | | | |
|----|------------------------|-----|----|-------------------------|-----|----|------------|--|
| | Yucaipa Pipeline | | | MC #1 Flow (Cooley Hat) | | | | |
| 13 | Yucaipa Regional Park | 0.0 | Р3 | Tate Inflow | 7.0 | С3 | SBVWCD I | |
| J3 | Wilson Creek Spreading | 0.0 | Q3 | East Weir to Mill Creek | 0.0 | Т3 | Mill Creek | |
| К3 | Yucaipa Pipeline | 0.0 | S3 | East Weir to Zanja | 2.3 | U3 | | |
| | | | Т2 | MC #1 Flow (Cooley Hat) | 93 | | , | |

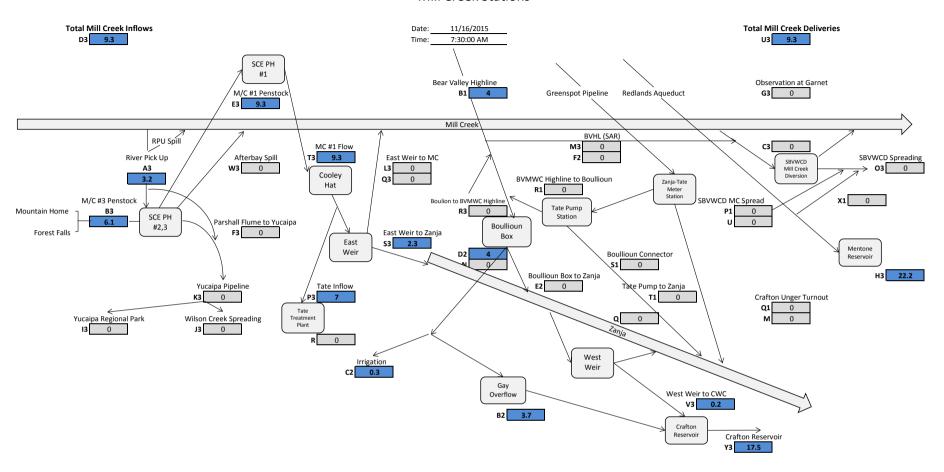
| Total MC Deliveries | | | | | |
|---------------------|---------------------------------|-----|--|--|--|
| С3 | SBVWCD Mill Creek Diversion | 0.0 | | | |
| Т3 | Mill Creek #1 Flow (Cooley Hat) | 9.3 | | | |
| U3 | Total MC Deliveries | 9.3 | | | |
| | | | | | |

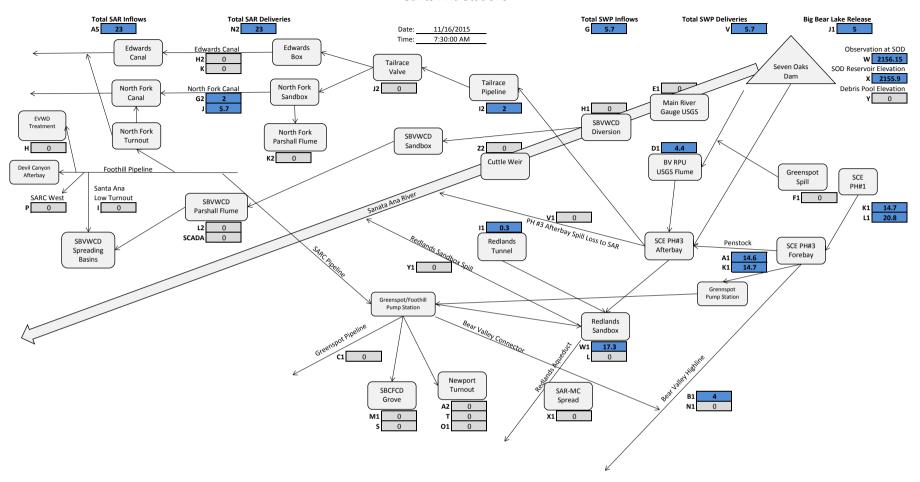
| | Other | | | | | | |
|----|-----------------------------------|------|--|--|--|--|--|
| 13 | Mentone Reservoir Level | 22.2 | | | | | |
| 3 | Boullioun to BVMWC Highline | 0.0 | | | | | |
| /3 | Zanja West Weir to CWC Canal | 0.2 | | | | | |
| V3 | Mill Creek PH #2,3 Afterbay Spill | 0.0 | | | | | |
| /3 | Crafton Reservoir Level (21.3) | 17.5 | | | | | |

| | SBVWCD MC Spreading | | | | | |
|----|-------------------------------|-----|--|--|--|--|
| С3 | SBVWCD Mill Creek Diversion | 0.0 | | | | |
| L3 | East Weir (MC) | 0.0 | | | | |
| М3 | BVHL (SAR) | 0.0 | | | | |
| X1 | SAR-MC Spread (Red. Aqueduct) | 0.0 | | | | |
| 03 | SBVWCD MC Spreading | 0.0 | | | | |
| | | | | | | |

| • | <u> </u> | | SRVM | /CD Re | charge | | | | |
|--------------------------------|----------|----|-------------------|--------|-----------------|---------|----|----------------------------|---------|
| Location | Туре | | Previous Day (AF) | | WY To Date (AF) | Target | | Calendar Year To Date (AF) | Target |
| A4 Santa Ana River | SAR | E4 | 0.0 | 14 | 224.3 | 123,000 | 14 | 2,472.4 | 123,000 |
| M4 Santa Ana Rvr to Mill Creek | SAR-MC | N4 | 0.0 | 04 | 0.0 | | 04 | 133.7 | |
| B4 Santa Ana River | SWP | F4 | 0.0 | J4 | 0.0 | | J4 | 62.0 | |
| C4 Mill Creek | MC | G4 | 0.0 | K4 | 44.2 | 73,800 | K4 | 699.4 | 73,800 |
| D4 Mill Creek | SWP | H4 | 0.0 | L4 | 0 | 714 | L4 | 0 | 714 |
| SBVMWD | SWP | | | | | | | | |
| WMWD | SWP | | | | | | | | |

| SBAIMIMD | SWP | | | | |
|---------------------------------|-----|------------------------|---|------------------------------|---|
| WMWD | SWP | | | | |
| SAR Passing Cuttle Weir | 0 | Share of Lost Flow | 0 | Estimate SAR Recharge | 0 |
| Mill Creek Passing Garnet | 0 | Share of Lost Flow | 0 | Estimate Mill Creek Recharge | 0 |
| Flow in the River Above Alabama | 0 | Flowing Beyond Alabama | 0 | Total River Recharge | 0 |
| • | | • | | | |





Daily Flow Report Summary

Date: 11/17/2015

Time: 7:00:00 AM

| | Santa Ana River | | | | | | |
|-----------|-----------------------------|------|--|--|--|--|--|
| A5 | Total SAR Inflows | 29.3 | | | | | |
| N2 | Total SAR Deliveries | 29.3 | | | | | |
| A1 | SAR PH#3 Penstock (calc) | 20.1 | | | | | |
| B1 | BVMWC Highline | 4.1 | | | | | |
| C1 | Greenspot Pipeline | 0.0 | | | | | |
| L2 | SBVWCD Parshall Flume | 11.7 | | | | | |
| G2 | North Fork Canal Weir | 2.0 | | | | | |
| H2 | Edwards Canal | 0.0 | | | | | |
| W1 | Redlands Aqueduct (calc) | 11.5 | | | | | |

| | Mill Creek | | | | | | |
|----|---------------------|-----|--|--|--|--|--|
| D3 | Total MC Inflows | 9.3 | | | | | |
| U3 | Total MC Deliveries | 9.3 | | | | | |
| К3 | Yucaipa Pipeline | 0.0 | | | | | |
| 03 | SBVWCD Spreading | 0.0 | | | | | |
| T3 | | | | | | | |
| | | | | | | | |

| | State Water Project | | | | | | |
|---|----------------------|-----|--|--|--|--|--|
| G | G Total SWP Inflows | | | | | | |
| ٧ | Total SWP Deliveries | 5.7 | | | | | |
| J | Northfork Canal | 5.7 | | | | | |
| L | Redlands Aqueduct | 0.0 | | | | | |
| М | Crafton Unger Lane | 0.0 | | | | | |
| Т | Newport to BVMWC | 0.0 | | | | | |

| Reservoir Levels | Feet |
|--------------------------------|---------|
| Observation at SOD | 2156.15 |
| Crafton Reservoir Level (21.3) | 17.5 |
| Mentone Reservoir Level | 19.6 |

| River Recharge | AF |
|------------------------------|-----|
| Estimate SAR Recharge | 0.0 |
| Estimate Mill Creek Recharge | 0.0 |
| Total River Recharge | 0.0 |

| Location | Type | WY to Date (AF) | Target |
|-------------------------------|--------|-----------------|---------|
| Santa Ana River | SAR | 245 | 123,000 |
| Santa Ana River to Mill Creek | SAR-MC | 0 | 0 |
| Santa Ana River | SWP | 0 | 0 |
| Mill Creek | MC | 44 | 73,800 |
| Mill Creek | SWP | 0 | 714 |
| SBVMWD | SWP | 0 | 0 |
| WMWD | SWP | 0 | 0 |

Daily Flow Report

11/17/2015 7:00:00 AM Date: Time:

| | | | | State Wa | ter l | Project | |
|----------------------------------|-----|-----|-----------------------|-----------|-------|-----------------------------|-----|
| Inflows | | | | Deliv | eries | | |
| A BBMWD In-lieu | 5.7 | н | EVWD Treatment Plant | 0.0 | Р | SARC West | 0.0 |
| B Muni test at Greenspot Station | 0.0 | - 1 | Santa Ana Low Turnout | 0.0 | Q | Zanja | 0.0 |
| c Exchange Water | 0.0 | J | Northfork Canal | 5.7 | R | Tate Treatment Plant | 0.0 |
| D Purchased Water | 0.0 | К | Edwards Canal | 0.0 | S | SBCFCD Grove | 0.0 |
| E Redlands Aqueduct Leakage | 0.0 | L | Redlands Aqueduct | 0.0 | Т | Newport for BVMWC | 0.0 |
| F Recharge Project | 0.0 | М | Crafton Unger Lane | 0.0 | U | M/C spreading at Zanja Tate | 0.0 |
| G Total SWP Inflows | 5.7 | N | BVMWC Boullioun Box | 0.0 | ٧ | Total SWP Deliveries | 5.7 |
| | | | | Santa Ana | Rive | r Inflows | |

| | Santa Ana River Inflows | | | | | | | | | | | |
|---|----------------------------------|-------|----|-------------------------------|------|----|---------------------------------|--------|-----|---------------------------|------|--|
| SAR PH #3 Penstock (calc) BVMWC Highline SOD Release Subtotal | | | | Total SAR Inflows | | | | | | | | |
| G2 | Northfork Canal Weir | 2.0 | A2 | Newport | 0.0 | D1 | BVMWC River PU (USGS) | 5.1 | A1 | SAR PH #3 Penstock (calc) | 20.1 | |
| H2 | Edwards Canal | 0.0 | D2 | Boullioun Box Weir | 4.1 | E1 | Main River Gage (USGS) | 0.0 | B1 | BVMWC Highline | 4.1 | |
| J2 | Tailrace Valve to Parshall Flume | 11.7 | E2 | Boullioun Box to Zanja | 0.0 | | | | C1 | Greenspot Pipeline | 0.0 | |
| K2 | Northfork Parshall Flume | 0.0 | F2 | SBVWCD Mill Creek Spreading | 0.0 | F1 | Greenspot Spill | 0.0 | D1 | BVMWC River PU (USGS) | 5.1 | |
| V1 | PH#3 Afterbay SpillLoss to SAR | 0.0 | В1 | BVMWC Highline | 4.1 | Z1 | SOD Release Subtotal | 5.1 | E1 | Main River Gage (USGS) | 0.0 | |
| W1 | Redlands Aqueduct / Sandbox | 11.8 | | | | | | | D1a | BV Pick-Up gated | | |
| Y1 | Redlands Sandbox Spill | 0.0 | | Other | | | Seven Oaks Dam | | A5 | Total SAR Inflows | 29.3 | |
| | | minus | J1 | Big Bear Lake Release | 5.0 | w | Observation at SOD | 2156.2 | | | | |
| D1 | BVMWC River PU (USGS) | 5.1 | L1 | SCE SAR AVM (SCADA) | 18.9 | х | SOD Reservoir Elevation (scada) | 2155.9 | | | | |
| I1 | Redlands Tunnel | 0.3 | X1 | SAR-MC Spread (Red. Aqueduct) | 0.0 | Υ | Debris Pool Elevation | 0.0 | | | | |
| A1 | SAR PH #3 Penstock (calc) | 20.1 | | | | | | | J. | | | |
| К1 | PH3# Penstock (SCADA) | 21.1 | | | | | | | | | | |

| D1 | BVMWC River PU (USGS) | 5.1 | L1 | SCE SAR AVM (SCADA) | 18.9 | Х | SOD Reservoir Elevation (scada) | 2155.9 | | | | | | |
|----|-----------------------------|------|----|----------------------------------|------|----|----------------------------------|--------|----|----------------------------------|-------|--|--|--|
| 11 | Redlands Tunnel | 0.3 | X1 | SAR-MC Spread (Red. Aqueduct) | 0.0 | Υ | Debris Pool Elevation | 0.0 | | | | | | |
| A1 | SAR PH #3 Penstock (calc) | 20.1 | | | | | | | | | | | | |
| К1 | PH3# Penstock (SCADA) | 21.1 | | | | | | | | | | | | |
| | Santa Ana River Deliveries | | | | | | | | | | | | | |
| | Greenspot Pipeline | | | Tailrace Pipeline | | | SBVWCD Parshall FlumeTo Basin | ıs | | Deliveries | | | | |
| M1 | SBCFCD Grove | 0.0 | G2 | Northfork Canal Weir | 2.0 | J2 | Tailrace Valve to Parshall Flume | 11.7 | V1 | SAR PH #3 Afterbay Spill | 0.0 | | | |
| N1 | BVMWC Highline | 0.0 | H2 | Edwards Canal | 0.0 | K2 | Northfork Parshall Flume | 0.0 | W1 | Redlands Aqueduct / Sandbox | 11.8 | | | |
| 01 | Newport for BVMWC | 0.0 | J2 | Tailrace Valve to Parshall Flume | 11.7 | Н1 | SBVWCD Diversion | 0.0 | Y1 | Redlands Sandbox Spill | 0.0 | | | |
| P1 | SBVWCD Mill Creek Spreading | 0.0 | K2 | Northfork Parshall Flume | 0.0 | L2 | SBVWCD Parshall Flume | 11.7 | Z2 | Cuttle Weir To River | 0.0 | | | |
| Q1 | Crafton WC Unger Lane | 0.0 | 12 | Tailrace Pipeline | 13.7 | | Parshall Flume (SCADA) | 0.0 | B1 | BVMWC Highline | 4.1 | | | |
| R1 | BVMWC Highline to Boullioun | 0.0 | | | | | | | C1 | Greenspot Pipeline | 0.0 | | | |
| S1 | Crafton WC Boullioun | 0.0 | | | | | Irrigation | | 12 | Tailrace Pipeline | 13.7 | | | |
| T1 | Tate Pump Station to Zanja | 0.0 | | | | D2 | Boullioun Box Weir | 4.1 | L2 | SBVWCD Parshall Flume | 11.7 | | | |
| C1 | Greenspot Pipeline | 0.0 | | | | | | minus | | | minus | | | |
| | | | | | | B2 | Gay Overflow | 3.7 | J2 | Tailrace Valve to Parshall Flume | 11.7 | | | |
| | | | | | | C2 | Irrigation | 0.4 | K2 | Northfork Parshall Flume | 0.0 | | | |
| | | | | | | | | | I1 | Redlands Tunnel | 0.3 | | | |
| | | | | | | | | | N2 | Total SAR Deliveries | 29.3 | | | |

| | | | | | Mill Cre | ek Inflows |
|----|-----------------------------|-----|----|----------------------------------|----------|------------|
| | Total MC Inflows | | | Other | | |
| А3 | RPU Flow | 3.6 | E3 | M/C #1 Penstock Flow | 9.3 | |
| В3 | M/C #3 Penstock | 5.7 | F3 | Stream Parshall Flume to Yucaipa | 0.0 | |
| С3 | SBVWCD Mill Creek Diversion | 0.0 | G3 | Observation at Garnet | 0.0 | |
| D3 | Total MC Inflows | 9.3 | | | | ı |

0.0

0.0

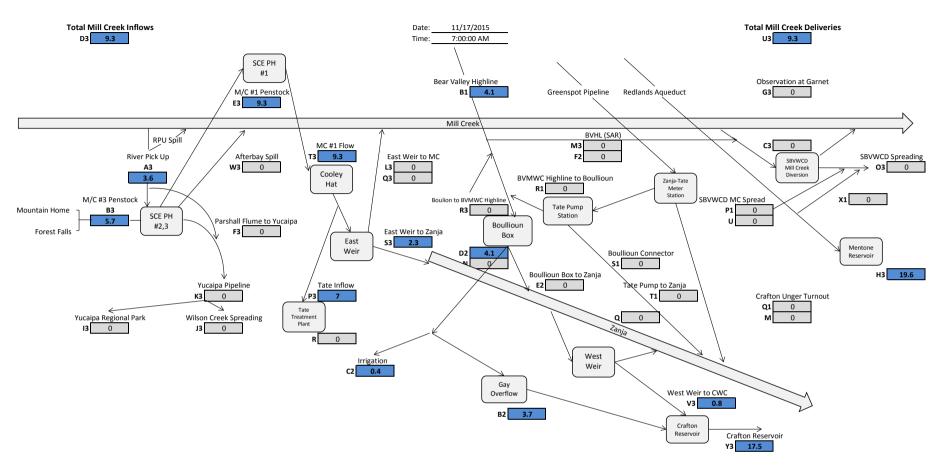
X1 SAR-MC Spread (Red. Aqueduct)

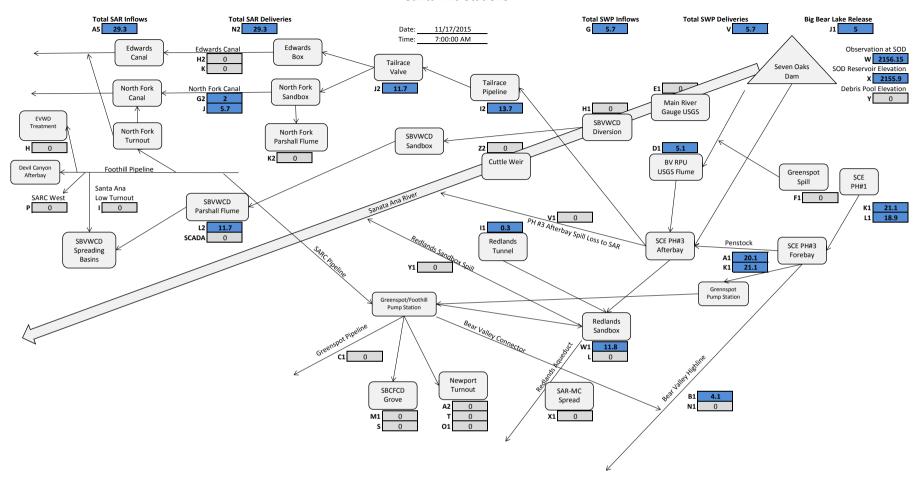
SBVWCD MC Spreading

| D3 | Total MC Inflows | 9.3 | | | | | | | | | |
|------------------|-----------------------------|-----|-------------------------|-------------------------|-----|---------------------|---------------------------------|-----|-----------------------------------|--------------------------------|------|
| | Mill Creek Deliveries | | | | | | | | | | |
| Yucaipa Pipeline | | | MC #1 Flow (Cooley Hat) | | | Total MC Deliveries | | | Other | | |
| 13 | Yucaipa Regional Park | 0.0 | Р3 | Tate Inflow | 7.0 | C3 | SBVWCD Mill Creek Diversion | 0.0 | Н3 | Mentone Reservoir Level | 19.6 |
| J3 | Wilson Creek Spreading | 0.0 | Q3 | East Weir to Mill Creek | 0.0 | Т3 | Mill Creek #1 Flow (Cooley Hat) | 9.3 | R3 | Boullioun to BVMWC Highline | 0.0 |
| К3 | Yucaipa Pipeline | 0.0 | S3 | East Weir to Zanja | 2.3 | U3 | Total MC Deliveries | 9.3 | V3 | Zanja West Weir to CWC Canal | 0.8 |
| | | Т3 | MC #1 Flow (Cooley Hat) | 9.3 | | | | W3 | Mill Creek PH #2,3 Afterbay Spill | 0.0 | |
| | SBVWCD MC Spreading | | | | | | | | Y3 | Crafton Reservoir Level (21.3) | 17.5 |
| С3 | SBVWCD Mill Creek Diversion | 0.0 | | | | | | | | | |
| L3 | East Weir (MC) | 0.0 | | | | | | | | | |
| М3 | BVHL (SAR) | 0.0 | | | | | | | | | |

| | SBVWCD Recharge | | | | | | | | | | | | |
|--------------------------------|-----------------|----------|-------------------|---|-------|--------------------------|---------|----------------------------|---------|---------|--|--|--|
| Location Type | | | Previous Day (AF) | | | WY To Date (AF) | | Calendar Year To Date (AF) | | Target | | | |
| A4 Santa Ana River | SAR | E4 | 20.9 | | 14 | 245.2 | 123,000 | 14 | 2,493.3 | 123,000 | | | |
| м4 Santa Ana Rvr to Mill Creek | SAR-MC | N4 | 0.0 | | 04 | 0.0 | | 04 | 133.7 | | | | |
| B4 Santa Ana River | SWP | F4 | 0.0 | | J4 | 0.0 | | J4 | 62.0 | | | | |
| C4 Mill Creek | MC | G4 | 0.0 | | K4 | 44.2 | 73,800 | K4 | 699.4 | 73,800 | | | |
| D4 Mill Creek | SWP | H4 | 0.0 | | L4 | 0 | 714 | L4 | 0 | 714 | | | |
| SBVMWD | SWP | | | | | | | | | | | | |
| WMWD | SWP | | | | | | | | | | | | |
| SAR Passing Cuttle Weir | 0 | Share of | Lost Flow | 0 | Estin | nate SAR Recharge | 0 | | | | | | |
| Mill Creek Passing Garnet | 0 | Share of | Lost Flow | 0 | Estin | nate Mill Creek Recharge | 0 | | | | | | |

| - | Willi Cicck | 5 | | | | | U | , | |
|------|----------------------------------|-----|--------------------------|----|----------|------|--------------------------|---|---|
| | SBVMWD | SWP | | | | | | | i |
| | WMWD | SWP | | | | | | | |
| SAR | Passing Cuttle Weir | 0 | Share of Lost Flo |)W | 0 | Esti | mate SAR Recharge | 0 | 1 |
| Mill | Creek Passing Garnet | 0 | Share of Lost Flo | w | 0 | Esti | mate Mill Creek Recharge | 0 | i |
| Flov | low in the River Above Alabama 0 | | Flowing Beyond Alabama 0 | | 0 | Tota | 0 | İ | |
| | | | - | | <u>.</u> | | | | |





Daily Flow Report Summary

Date: 11/18/2015

Time: 7:15:00 AM

| | Santa Ana River | | | | | | | |
|-----------|-----------------------------|------|--|--|--|--|--|--|
| A5 | A5 Total SAR Inflows | | | | | | | |
| N2 | Total SAR Deliveries | 22.0 | | | | | | |
| A1 | SAR PH#3 Penstock (calc) | 12.9 | | | | | | |
| B1 | BVMWC Highline | 4.0 | | | | | | |
| C1 | Greenspot Pipeline | 0.0 | | | | | | |
| L2 | SBVWCD Parshall Flume | 0.0 | | | | | | |
| G2 | North Fork Canal Weir | 2.0 | | | | | | |
| H2 | Edwards Canal | 0.9 | | | | | | |
| W1 | Redlands Aqueduct (calc) | 15.1 | | | | | | |

| | Mill Creek | | | | | | |
|----|-------------------------|-----|--|--|--|--|--|
| D3 | Total MC Inflows | 9.6 | | | | | |
| U3 | Total MC Deliveries | 9.6 | | | | | |
| К3 | Yucaipa Pipeline | 0.0 | | | | | |
| 03 | SBVWCD Spreading | 0.0 | | | | | |
| Т3 | MC #1 Flow (Cooley Hat) | 9.6 | | | | | |

| | State Water Project | | | | | | | |
|---|----------------------|-----|--|--|--|--|--|--|
| G | Total SWP Inflows | 5.7 | | | | | | |
| ٧ | Total SWP Deliveries | 5.7 | | | | | | |
| J | Northfork Canal | 5.7 | | | | | | |
| L | Redlands Aqueduct | 0.0 | | | | | | |
| М | Crafton Unger Lane | 0.0 | | | | | | |
| Т | Newport to BVMWC | 0.0 | | | | | | |

| Reservoir Levels | Feet |
|--------------------------------|---------|
| Observation at SOD | 2156.15 |
| Crafton Reservoir Level (21.3) | 17.5 |
| Mentone Reservoir Level | 19.3 |

| River Recharge | AF |
|------------------------------|-----|
| Estimate SAR Recharge | 0.0 |
| Estimate Mill Creek Recharge | 0.0 |
| Total River Recharge | 0.0 |

| Location | Type | WY to Date (AF) | Target |
|-------------------------------|--------|-----------------|---------|
| Santa Ana River | SAR | 245 | 123,000 |
| Santa Ana River to Mill Creek | SAR-MC | 0 | 0 |
| Santa Ana River | SWP | 0 | 0 |
| Mill Creek | MC | 44 | 73,800 |
| Mill Creek | SWP | 0 | 714 |
| SBVMWD | SWP | 0 | 0 |
| WMWD | SWP | 0 | 0 |

Daily Flow Report

| State Water Project Inflows Deliveries | |
|--|----------------|
| A BBMWD In-lieu 5.7 H EVWD Treatment Plant 0.0 P SARC West 0.0 B Muni test at Greenspot Station 0.0 I Santa Ana Low Turnout 0.0 Q Zanja 0.0 | |
| B Muni test at Greenspot Station 0.0 Santa Ana Low Turnout 0.0 Q Zanja 0.0 | |
| | |
| C Exchange Water 0,0 J Northfork Canal 5,7 R Tate Treatment Plant 0,0 | |
| | |
| D Purchased Water 0.0 K Edwards Canal 0.0 S SBCFCD Grove 0.0 | |
| E Redlands Aqueduct Leakage 0.0 L Redlands Aqueduct 0.0 T Newport for BVMWC 0.0 | |
| F Recharge Project 0.0 M Crafton Unger Lane 0.0 U M/C spreading at Zanja Tate 0.0 | |
| G Total SWP Inflows 5.7 N BVMWC Boullioun Box 0.0 v Total SWP Deliveries 5.7 | |
| Santa Ana River Inflows | |
| SAR PH #3 Penstock (calc) BVMWC Highline SOD Release Subtotal Total SAR Inflo | ws |
| G2 Northfork Canal Weir 2.0 A2 Newport 0.0 D1 BVMWC River PU (USGS) 5.1 A1 SAR PH #3 Penstock (calc) | 12.9 |
| H2 Edwards Canal 0.9 D2 Boullioun Box Weir 4.0 E1 Main River Gage (USGS) 0.0 B1 BVMWC Highline | 4.0 |
| 12 Tailrace Valve to Parshall Flume 0.0 E2 Boullioun Box to Zanja 0.0 minus C1 Greenspot Pipeline | 0.0 |
| K2 Northfork Parshall Flume 0.0 F2 SBVWCD Mill Creek Spreading 0.0 F1 Greenspot Spill 0.0 D1 BVMWC River PU (USGS) | 5.1 |
| V1 PH#3 Afterbay SpillLoss to SAR 0.0 B1 BVMWC Highline 4.0 Z1 SOD Release Subtotal 5.1 E1 Main River Gage (USGS) | 0.0 |
| W1 Redlands Aqueduct / Sandbox 15.4 D1a BV Pick-Up gated | |
| Y1 Redlands Sandbox Spill 0.0 Other Seven Oaks Dam As Total SA | R Inflows 22.0 |

| | | minus | J1 | Big Bear Lake Release | 5.0 | W | Observation at SOD | 2156.2 | | | |
|----|-----------------------------|-------|-------------------|----------------------------------|-----------|--------------------------------|----------------------------------|--------|------------|-----------------------------|------|
| D1 | BVMWC River PU (USGS) | 5.1 | L1 | SCE SAR AVM (SCADA) | 17.6 | х | SOD Reservoir Elevation (scada) | 2155.9 | | | |
| l1 | Redlands Tunnel | 0.3 | X1 | SAR-MC Spread (Red. Aqueduct) | 0.0 | Υ | Debris Pool Elevation | 0.0 | | | |
| A1 | SAR PH #3 Penstock (calc) | 12.9 | | | | | | | | | |
| K1 | PH3# Penstock (SCADA) | 11.5 | | | | | | | | | |
| | | | | San | ita Ana F | River | Deliveries | | | | |
| | Greenspot Pipeline | | Tailrace Pipeline | | | SBVWCD Parshall FlumeTo Basins | | | Deliveries | | |
| M1 | SBCFCD Grove | 0.0 | G2 | Northfork Canal Weir | 2.0 | J2 | Tailrace Valve to Parshall Flume | 0.0 | V1 | SAR PH #3 Afterbay Spill | 0.0 |
| N1 | BVMWC Highline | 0.0 | H2 | Edwards Canal | 0.9 | K2 | Northfork Parshall Flume | 0.0 | W1 | Redlands Aqueduct / Sandbox | 15.4 |
| 01 | Newport for BVMWC | 0.0 | J2 | Tailrace Valve to Parshall Flume | 0.0 | Н1 | SBVWCD Diversion | 0.0 | Y1 | Redlands Sandbox Spill | 0.0 |
| P1 | SBVWCD Mill Creek Spreading | 0.0 | K2 | Northfork Parshall Flume | 0.0 | L2 | SBVWCD Parshall Flume | 0.0 | Z2 | Cuttle Weir To River | 0.0 |
| Q1 | Crafton WC Unger Lane | 0.0 | 12 | Tailrace Pipeline | 2.9 | | Parshall Flume (SCADA) | 0.0 | B1 | BVMWC Highline | 4.0 |
| | BVMWC Highline to Boullioun | 0.0 | | | | | | | C1 | Greenspot Pipeline | 0.0 |

| | | (| | | |
|--------|--------------------|---|--|--|--|
| | Irrigation | | | | |
| 4.0 | Boullioun Box Weir | Г | | | |
| minus | | ı | | | |
| 3.2 | Gay Overflow | | | | |
| on 0.8 | Irrigation | ŀ | | | |
| | | | | | |

| N2 | Total SAR Deliveries | 22.0 |
|----|----------------------------------|-------|
| l1 | Redlands Tunnel | 0.3 |
| K2 | Northfork Parshall Flume | 0.0 |
| J2 | Tailrace Valve to Parshall Flume | 0.0 |
| | - | minus |
| L2 | SBVWCD Parshall Flume | 0.0 |
| 12 | Tailrace Pipeline | 2.9 |
| C1 | Greenspot Pipeline | 0.0 |
| B1 | BVMWC Highline | 4.0 |
| Z2 | Cuttle Weir To River | 0.0 |
| Y1 | Redlands Sandbox Spill | 0.0 |
| W1 | Redlands Aqueduct / Sandbox | 15.4 |
| V1 | SAR PH #3 Afterbay Spill | 0.0 |

Mill Creek Inflows Total MC Inflows A3 RPU Flow 3.9 M/C #1 Penstock Flow 9.6 B3 M/C #3 Penstock 5.7 Stream Parshall Flume to Yucaipa 0.0 c3 SBVWCD Mill Creek Diversion 0.0 0.0 Observation at Garnet

0.0 0.0

Crafton WC Boullioun

Tate Pump Station to Zanja

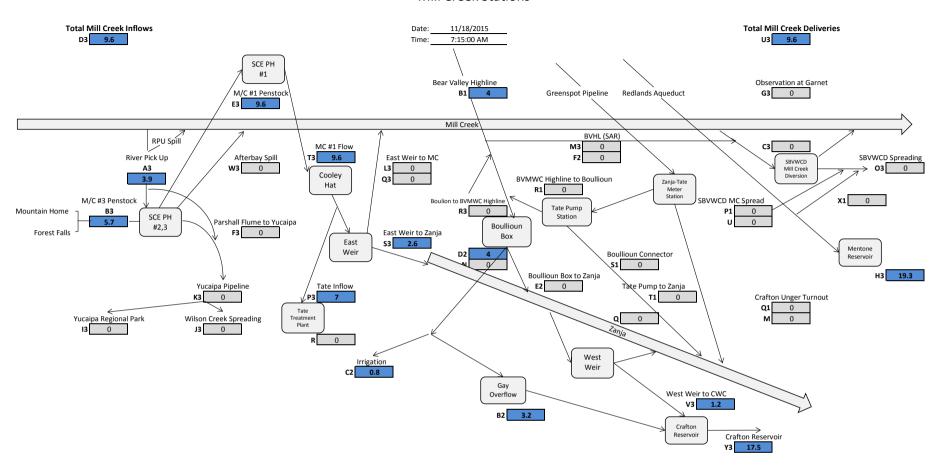
Greenspot Pipeline

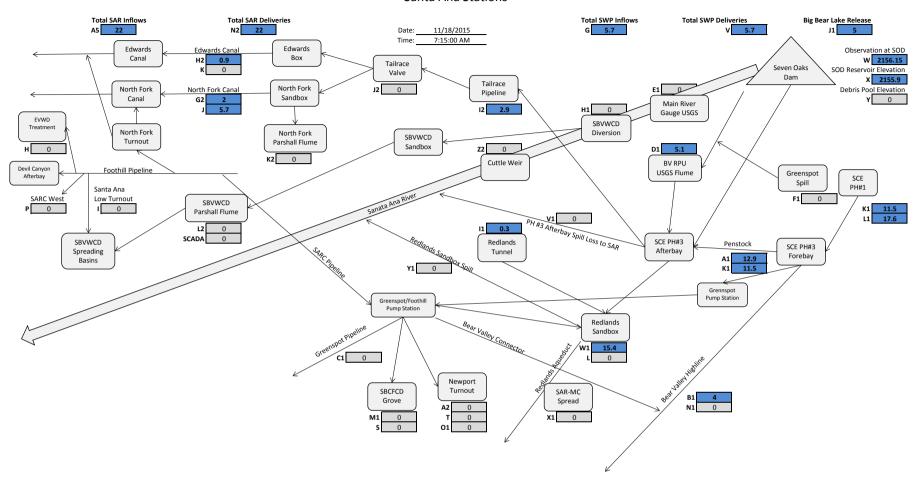
| D3 | Total MC Inflows | 9.6 | | | | | | | | | |
|----|------------------------|-----|--|-------------------------|-----------|------|---------------------------------|-----|----|-----------------------------------|------|
| | | | | ſ | Mill Cree | k De | liveries | | | | |
| | Yucaipa Pipeline | | Yucaipa Pipeline MC #1 Flow (Cooley Hat) Total MC Deliveries | | Other | | | | | | |
| 13 | Yucaipa Regional Park | 0.0 | Р3 | Tate Inflow | 7.0 | C3 | SBVWCD Mill Creek Diversion | 0.0 | Н3 | Mentone Reservoir Level | 19.3 |
| 13 | Wilson Creek Spreading | 0.0 | Q3 | East Weir to Mill Creek | 0.0 | Т3 | Mill Creek #1 Flow (Cooley Hat) | 9.6 | R3 | Boullioun to BVMWC Highline | 0.0 |
| кз | Yucaipa Pipeline | 0.0 | S3 | East Weir to Zanja | 2.6 | U3 | Total MC Deliveries | 9.6 | V3 | Zanja West Weir to CWC Canal | 1.2 |
| | | | Т3 | MC #1 Flow (Cooley Hat) | 9.6 | | | | W3 | Mill Creek PH #2,3 Afterbay Spill | 0.0 |
| | SBVWCD MC Spreading | | | | | | | | Y3 | Crafton Reservoir Level (21.3) | 17.5 |

| | | Т3 | MC #1 Flow (Cooley Hat) 9.6 | | W3 | Mill Creek PH #2,3 Afterbay Spill | |
|----------------------------------|-----|----|-----------------------------|--------------|----|-----------------------------------|---|
| SBVWCD MC Spreading | | | | | Y3 | Crafton Reservoir Level (21.3) | |
| C3 SBVWCD Mill Creek Diversion | 0.0 | | | _ | | | |
| L3 East Weir (MC) | 0.0 | | | | | | |
| мз BVHL (SAR) | 0.0 | | | | | | |
| X1 SAR-MC Spread (Red. Aqueduct) | 0.0 | | | | | | |
| O3 SBVWCD MC Spreading | 0.0 | | | | | | |
| | | • | CRI/IA | ICD Pacharga | | | _ |

| | Location | Type | | Previous Day (AF) | | | WY To Date (AF) | Target | | Calendar Year To Date (AF) | Target |
|-----|-----------------------------|--------|-------|-------------------|---|-------|--------------------------|---------|----|----------------------------|---------|
| A4 | Santa Ana River | SAR | E4 | 0.0 | | 14 | 245.2 | 123,000 | 14 | 2,493.3 | 123,000 |
| M4 | Santa Ana Rvr to Mill Creek | SAR-MC | N4 | 0.0 | | 04 | 0.0 | | 04 | 133.7 | |
| В4 | Santa Ana River | SWP | F4 | 0.0 | | J4 | 0.0 | | J4 | 62.0 | |
| C4 | Mill Creek | MC | G4 | 0.0 | | K4 | 44.2 | 73,800 | K4 | 699.4 | 73,800 |
| D4 | Mill Creek | SWP | H4 | 0.0 | | L4 | 0 | 714 | L4 | 0 | 714 |
| | SBVMWD | SWP | | | | | | | | | |
| | WMWD | SWP | | | | | | | | | |
| SAF | Passing Cuttle Weir | 0 | Share | e of Lost Flow | 0 | Estir | mate SAR Recharge | 0 | | | |
| Mil | Creek Passing Garnet | 0 | Share | e of Lost Flow | 0 | Estir | nate Mill Creek Recharge | 0 | | | |

| WMWD | SWP | | | | |
|---------------------------------|-----|------------------------|---|------------------------------|---|
| SAR Passing Cuttle Weir | 0 | Share of Lost Flow | 0 | Estimate SAR Recharge | 0 |
| Mill Creek Passing Garnet | 0 | Share of Lost Flow | 0 | Estimate Mill Creek Recharge | 0 |
| Flow in the River Above Alabama | 0 | Flowing Beyond Alabama | 0 | Total River Recharge | 0 |





Daily Flow Report Summary

Date: 11/19/2015

Time: 7:30:00 AM

| | Santa Ana River | | | | | |
|-----------|--------------------------|------|--|--|--|--|
| A5 | Total SAR Inflows | 21.0 | | | | |
| N2 | Total SAR Deliveries | 21.0 | | | | |
| A1 | SAR PH#3 Penstock (calc) | 11.6 | | | | |
| B1 | BVMWC Highline | 3.2 | | | | |
| C1 | Greenspot Pipeline | 0.0 | | | | |
| L2 | SBVWCD Parshall Flume | 0.0 | | | | |
| G2 | North Fork Canal Weir | 2.0 | | | | |
| H2 | Edwards Canal | 0.9 | | | | |
| W1 | Redlands Aqueduct (calc) | 14.9 | | | | |

| | Mill Creek | Flow Rate (cfs) |
|----|-------------------------|--------------------|
| D3 | Total MC Inflows | 9.5 |
| U3 | Total MC Deliveries | 9.5 |
| К3 | Yucaipa Pipeline | 0.0 |
| 03 | SBVWCD Spreading | 0.0 |
| Т3 | MC #1 Flow (Cooley Hat) | 9.5 |

| | State Water Project | Flow Rate (cfs) |
|---|----------------------|--------------------|
| G | Total SWP Inflows | 6.5 |
| ٧ | Total SWP Deliveries | 6.5 |
| J | Northfork Canal | 5.7 |
| L | Redlands Aqueduct | 0.0 |
| М | Crafton Unger Lane | 0.0 |
| Т | Newport to BVMWC | 0.8 |

| Reservoir Levels | Feet |
|--------------------------------|---------|
| Observation at SOD | 2156.15 |
| Crafton Reservoir Level (21.3) | 18 |
| Mentone Reservoir Level | 18.5 |

| River Recharge | AF |
|------------------------------|-----|
| Estimate SAR Recharge | 0.0 |
| Estimate Mill Creek Recharge | 0.0 |
| Total River Recharge | 0.0 |

| Location | Type | WY to Date (AF) | Target |
|-------------------------------|--------|-----------------|---------|
| Santa Ana River | SAR | 245 | 123,000 |
| Santa Ana River to Mill Creek | SAR-MC | 0 | 0 |
| Santa Ana River | SWP | 0 | 0 |
| Mill Creek | MC | 44 | 73,800 |
| Mill Creek | SWP | 0 | 714 |
| SBVMWD | SWP | 0 | 0 |
| WMWD | SWP | 0 | 0 |

Daily Flow Report

Date: <u>11/19/2015</u> Time: 7:30:00 AM

| | | | | Date: Time: | 7:30:00 | | | • | | | |
|--|--|--|--|--|--|-------------|--|--------------------------|----------------------|--|---|
| | | | | | State Wa | | Proiect | • | | | |
| H | Inflows | | | | | eries | | | | | |
| А | BBMWD In-lieu | 6.5 | н | EVWD Treatment Plant | 0.0 | _ | SARC West | 0.0 | | | |
| В | Muni test at Greenspot Station | 0.0 | | Santa Ana Low Turnout | 0.0 | | Zanja | 0.0 | | | |
| С | Exchange Water | 0.0 | | Northfork Canal | 5.7 | R | Tate Treatment Plant | 0.0 | | | |
| - | _ | | , v | | | _ | | | | | |
| D | Purchased Water | 0.0 | K | Edwards Canal | 0.0 | S | SBCFCD Grove | 0.0 | | | |
| E | Redlands Aqueduct Leakage | 0.0 | L | Redlands Aqueduct | 0.0 | Т | Newport for BVMWC | 0.8 | | | |
| F | Recharge Project | 0.0 | М | Crafton Unger Lane | 0.0 | U | M/C spreading at Zanja Tate | 0.0 | | | |
| G | Total SWP Inflows | 6.5 | N | BVMWC Boullioun Box | 0.0 | v | Total SWP Deliveries | 6.5 | | | |
| | | | | Sa | nta Ana | Rive | r Inflows | | | | |
| | SAR PH #3 Penstock (calc) | | | BVMWC Highline | | | SOD Release Subtotal | | | Total SAR Inflows | |
| G2 | Northfork Canal Weir | 2.0 | A2 | Newport | 0.0 | D1 | BVMWC River PU (USGS) | 6.2 | A1 | SAR PH #3 Penstock (calc) | 11.6 |
| Н2 | Edwards Canal | 0.9 | D2 | Boullioun Box Weir | 3.2 | E1 | Main River Gage (USGS) | 0.0 | B1 | BVMWC Highline | 3.2 |
| J2 | Tailrace Valve to Parshall Flume | 0.0 | E2 | Boullioun Box to Zanja | 0.0 | | | minus | C1 | Greenspot Pipeline | 0.0 |
| K2 | Northfork Parshall Flume | 0.0 | F2 | SBVWCD Mill Creek Spreading | 0.0 | F1 | Greenspot Spill | 0.0 | D1 | BVMWC River PU (USGS) | 6.2 |
| V1 | | | B1 | BVMWC Highline | _ | Z1 | SOD Release Subtotal | | E1 | Main River Gage (USGS) | |
| - | PH#3 Afterbay SpillLoss to SAR | 0.0 | ВІ | BVIVIWC Highline | 3.2 | 21 | SOD Release Subtotal | 6.2 | - | | 0.0 |
| W1 | Redlands Aqueduct / Sandbox | 15.2 | _ | | | _ | | 1 | _ | BV Pick-Up gated | |
| Y1 | Redlands Sandbox Spill | 0.0 | | Other | | | Seven Oaks Dam | | A5 | Total SAR Inflows | 21.0 |
| - | T | minus | J1 | Big Bear Lake Release | 5.0 | W | Observation at SOD | 2156.2 | | | |
| D1 | BVMWC River PU (USGS) | 6.2 | L1 | SCE SAR AVM (SCADA) | 13.8 | х | SOD Reservoir Elevation (scada) | 2155.9 | | | |
| 11 | Redlands Tunnel | 0.3 | X1 | SAR-MC Spread (Red. Aqueduct) | 0.0 | Υ | Debris Pool Elevation | 0.0 | | | |
| A1 | SAR PH #3 Penstock (calc) | 11.6 | | | | | | | | | |
| К1 | PH3# Penstock (SCADA) | 11.1 | | | | | | | | | |
| F | | | | Sar | nta Ana R | iver | Deliveries | | | | |
| | Greenspot Pipeline | | | Tailrace Pipeline | | | SBVWCD Parshall FlumeTo Basir | ne | | Deliveries | |
| M1 | | 0.0 | G2 | Northfork Canal Weir | 2.0 | J2 | Tailrace Valve to Parshall Flume | 0.0 | V1 | SAR PH #3 Afterbay Spill | 0.0 |
| N1 | BVMWC Highline | 0.0 | H2 | Edwards Canal | 0.9 | | Northfork Parshall Flume | 0.0 | W1 | Redlands Aqueduct / Sandbox | 15.2 |
| 01 | Newport for BVMWC | 0.0 | J2 | Tailrace Valve to Parshall Flume | 0.0 | H1 | SBVWCD Diversion | 0.0 | Y1 | Redlands Sandbox Spill | 0.0 |
| P1 | · · | | | Northfork Parshall Flume | | L2 | | | \vdash | · · · · · · · · · · · · · · · · · · · | |
| - | SBVWCD Mill Creek Spreading | 0.0 | K2 | | 0.0 | LZ | SBVWCD Parshall Flume | 0.0 | _ | Cuttle Weir To River | 0.0 |
| Q1 | Crafton WC Unger Lane | 0.0 | 12 | Tailrace Pipeline | 2.9 | | Parshall Flume (SCADA) | 0.0 | B1 | BVMWC Highline | 3.2 |
| R1 | BVMWC Highline to Boullioun | 0.0 | | | | | | | C1 | Greenspot Pipeline | 0.0 |
| S1 | Crafton WC Boullioun | 0.0 | | | | | Irrigation | | 12 | Tailrace Pipeline | 2.9 |
| T1 | Tate Pump Station to Zanja | 0.0 | | | | D2 | Boullioun Box Weir | 3.2 | L2 | SBVWCD Parshall Flume | 0.0 |
| C1 | Greenspot Pipeline | 0.0 | | | | | | minus | | | minus |
| | | | | | | | | | | | |
| _ <u>``</u> | • | 0.0 | | | | B2 | Gay Overflow | 2.2 | J2 | Tailrace Valve to Parshall Flume | 0.0 |
| | | | | | | B2 C2 | Gay Overflow Irrigation | 2.2 1.0 | J2 K2 | Tailrace Valve to Parshall Flume Northfork Parshall Flume | |
| | | | | | | - | | | К2 | Northfork Parshall Flume | 0.0 |
| | | | | | | - | | | K2 | Northfork Parshall Flume Redlands Tunnel | 0.0 |
| | | | | | | C2 | Irrigation | | К2 | Northfork Parshall Flume | 0.0 |
| | | | | | Mill Cre | C2 | Irrigation | | K2 | Northfork Parshall Flume Redlands Tunnel | 0.0 |
| | Total MC Inflows | | | Other | Mill Cre | C2 | Irrigation | | K2 | Northfork Parshall Flume Redlands Tunnel | 0.0 |
| A3 | Total MC Inflows RPU Flow | 3.8 | E3 | Other M/C #1 Penstock Flow | Mill Cre | C2 | Irrigation | | K2 | Northfork Parshall Flume Redlands Tunnel | 0.0 |
| | | | E3 | | | C2 | Irrigation | | K2 | Northfork Parshall Flume Redlands Tunnel | 0.0 |
| A3 | RPU Flow M/C #3 Penstock | 3.8 | F3 | M/C #1 Penstock Flow | 9.5 | C2 | Irrigation | | K2 | Northfork Parshall Flume Redlands Tunnel | 0.0 |
| A3 B3 | RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion | 3.8 5.7 0.0 | F3 | M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa | 9.5 0.0 | C2 | Irrigation | | K2 | Northfork Parshall Flume Redlands Tunnel | 0.0 |
| A3 B3 C3 | RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion | 3.8 5.7 0.0 | F3 | M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet | 9.5 0.0 0.0 | c2 | Irrigation | | K2 | Northfork Parshall Flume Redlands Tunnel | 0.0 |
| A3 B3 C3 | RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows | 3.8 5.7 0.0 | F3 | M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet | 9.5 0.0 | c2 | Irrigation Iflows liveries | | K2 | Northfork Parshall Flume Redlands Tunnel Total SAR Deliveries | 0.0 |
| A3 B3 C3 D3 | RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline | 3.8 5.7 0.0 9.5 | F3 G3 | M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) | 9.5 0.0 0.0 Mill Cree | ek Ir | Irrigation Iflows Iiveries Total MC Deliveries | 1.0 | K2 I1 N2 | Northfork Parshall Flume Redlands Tunnel Total SAR Deliveries Other | 0.0 0.3 21.0 |
| A3 B3 C3 D3 | RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park | 3.8 5.7 0.0 9.5 | F3 G3 | M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow | 9.5 0.0 0.0 Mill Cree | ek Ir | Irrigation Iflows Iiveries Total MC Deliveries SBVWCD Mill Creek Diversion | 0.0 | K2 11 N2 | Northfork Parshall Flume Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level | 0.0 0.3 21.0 |
| A3 B3 C3 D3 | RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading | 3.8 5.7 0.0 9.5 | F3 G3 | M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek | 9.5 0.0 0.0 Mill Cree | ek Irr | Irrigation Iflows Iiveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) | 0.0 | K2 I1 N2 H3 R3 | Northfork Parshall Flume Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level Boullioun to BVMWC Highline | 0.0 0.3 21.0 |
| A3 B3 C3 D3 | RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park | 3.8 5.7 0.0 9.5 | F3 G3 | M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow | 9.5 0.0 0.0 Mill Cree | ek Ir | Irrigation Iflows Iiveries Total MC Deliveries SBVWCD Mill Creek Diversion | 0.0 | K2 I1 N2 H3 R3 | Northfork Parshall Flume Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level | 0.0 0.3 21.0 18.5 0.0 1.4 |
| A3 B3 C3 D3 I3 J3 | RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading | 3.8 5.7 0.0 9.5 | F3 G3 | M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek | 9.5 0.0 0.0 Mill Cree | ek Irr | Irrigation Iflows Iiveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) | 0.0 | K2 I1 N2 H3 R3 | Northfork Parshall Flume Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level Boullioun to BVMWC Highline | 0.0 0.3 21.0 |
| A3 B3 C3 D3 I3 J3 | RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading | 3.8 5.7 0.0 9.5 | F3 G3 P3 Q3 S3 | M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja | 9.5 0.0 0.0 Mill Cree 7.0 0.0 2.5 | ek Irr | Irrigation Iflows Iiveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) | 0.0 | K2 I1 N2 H3 R3 V3 | Northfork Parshall Flume Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal | 0.0 0.3 21.0 18.5 0.0 1.4 |
| A3 B3 C3 D3 I3 J3 | RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline | 3.8 5.7 0.0 9.5 | F3 G3 P3 Q3 S3 | M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja | 9.5 0.0 0.0 Mill Cree 7.0 0.0 2.5 | ek Irr | Irrigation Iflows Iiveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) | 0.0 | H3 R3 V3 W3 | Northfork Parshall Flume Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill | 18.5 0.0 1.4 0.0 |
| A3 B3 C3 D3 I3 J3 K3 | RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion | 3.8 5.7 0.0 9.5 0.0 0.0 0.0 | F3 G3 P3 Q3 S3 | M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja | 9.5 0.0 0.0 Mill Cree 7.0 0.0 2.5 | ek Irr | Irrigation Iflows Iiveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) | 0.0 | H3 R3 V3 W3 | Northfork Parshall Flume Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill | 18.5 0.0 1.4 0.0 |
| A3 B3 C3 D3 I3 J3 K3 C3 | RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) | 3.8 5.7 0.0 9.5 0.0 0.0 0.0 | F3 G3 P3 Q3 S3 | M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja | 9.5 0.0 0.0 Mill Cree 7.0 0.0 2.5 | ek Irr | Irrigation Iflows Iiveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) | 0.0 | H3 R3 V3 W3 | Northfork Parshall Flume Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill | 18.5 0.0 1.4 0.0 |
| A3 B3 C3 D3 I3 I3 K3 C3 L3 M3 M3 M3 M3 M3 M3 M | RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) | 3.8 5.7 0.0 9.5 0.0 0.0 0.0 0.0 | F3 G3 P3 Q3 S3 | M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja | 9.5 0.0 0.0 Mill Cree 7.0 0.0 2.5 | ek Irr | Irrigation Iflows Iiveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) | 0.0 | H3 R3 V3 W3 | Northfork Parshall Flume Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill | 18.5 0.0 1.4 0.0 |
| A3 B3 C3 D3 I3 I3 K3 K3 K3 K3 | RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) | 3.8 5.7 0.0 9.5 0.0 0.0 0.0 0.0 | F3 G3 P3 Q3 S3 | M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja | 9.5 0.0 0.0 Mill Cree 7.0 0.0 2.5 | ek Irr | Irrigation Iflows Iiveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) | 0.0 | H3 R3 V3 W3 | Northfork Parshall Flume Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill | 18.5 0.0 1.4 0.0 |
| A3 B3 C3 D3 I3 I3 K3 C3 L3 M3 M3 M3 M3 M3 M3 M | RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) | 3.8 5.7 0.0 9.5 0.0 0.0 0.0 0.0 | F3 G3 P3 Q3 S3 | M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja | 9.5 0.0 0.0 Mill Cree 7.0 0.0 2.5 9.5 | ek Ir | liveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries | 0.0 | H3 R3 V3 W3 | Northfork Parshall Flume Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill | 18.5 0.0 1.4 0.0 |
| A3 B3 C3 D3 I3 I3 K3 K3 K3 K3 | RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) | 3.8 5.7 0.0 9.5 0.0 0.0 0.0 0.0 | F3 G3 P3 Q3 S3 | M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja | 9.5 0.0 0.0 Mill Cree 7.0 0.0 2.5 | ek Ir | liveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries | 0.0 | H3 R3 V3 W3 | Northfork Parshall Flume Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill | 18.5 0.0 1.4 0.0 |
| A3 B3 C3 D3 I3 I3 K3 K3 K3 K3 | RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) | 3.8 5.7 0.0 9.5 0.0 0.0 0.0 0.0 | F3 G3 P3 Q3 S3 | M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja | 9.5 0.0 0.0 Mill Cree 7.0 0.0 2.5 9.5 | ek Ir | liveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries | 0.0 | H3 R3 V3 W3 | Northfork Parshall Flume Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill | 18.5 0.0 1.4 0.0 |
| A3 B3 C3 D3 I3 J3 K3 C3 C3 C3 A3 A4 | RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River | 3.8 5.7 0.0 9.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | F3 G3 | M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja MC #1 Flow (Cooley Hat) Previous Day (AF) 0.0 | 9.5 0.0 0.0 Mill Cree 7.0 0.0 2.5 9.5 | ek Irr | Irrigation Ifiliation Ifilia | 0.0 9.5 9.5 | H3 R3 V3 W3 Y3 | Northfork Parshall Flume Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill Crafton Reservoir Level (21.3) Calendar Year To Date (AF) 2,493.3 | 0.0 0.3 21.0 18.5 0.0 1.4 0.0 18.0 |
| A3 B3 C3 D3 I3 J3 K3 C3 C3 A4 M4 | RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River Santa Ana River | 3.8 5.7 0.0 9.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | F3 G3 | M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja MC #1 Flow (Cooley Hat) Previous Day (AF) 0.0 0.0 | 9.5 0.0 0.0 Mill Cree 7.0 0.0 2.5 9.5 | ek Irr | Irrigation Iflows Iiveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries Charge WY To Date (AF) 245.2 0.0 | 0.0 9.5 9.5 | H3 R3 V3 V3 Y3 | Northfork Parshall Flume Redlands Tunnel Total SAR Deliveries Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill Crafton Reservoir Level (21.3) Calendar Year To Date (AF) 2,493.3 133.7 | 0.0 0.3 21.0 18.5 0.0 1.4 0.0 18.0 |
| A3 B3 C3 D3 I3 | RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD MC Spreading SBVWCD MIll Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River Santa Ana River Santa Ana River | 3.8 5.7 0.0 9.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 SAR SARMC SWP | F3 G3 | M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja MC #1 Flow (Cooley Hat) Previous Day (AF) 0.0 0.0 0.0 | 9.5 0.0 0.0 Mill Cree 7.0 0.0 2.5 9.5 | C2 Rec | Irrigation Iflows Iiveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries WY To Date (AF) 245.2 0.0 0.0 | 0.0 9.5 9.5 9.5 | H3 R3 W3 Y3 H4 O4 J4 | Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill Crafton Reservoir Level (21.3) Calendar Year To Date (AF) 2,493.3 133.7 62.0 | 18.5 0.0 1.4 0.0 18.0 |
| A3 B3 C3 D3 I3 I3 I3 K3 C3 C3 A4 M4 B4 C4 | RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River Santa Ana River Santa Ana River Santa Ana River Mill Creek | 3.8 5.7 0.0 9.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0 | P3 Q3 S3 T3 F4 | M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja MC #1 Flow (Cooley Hat) Previous Day (AF) 0.0 0.0 0.0 0.0 | 9.5 0.0 0.0 Mill Cree 7.0 0.0 2.5 9.5 | C2 ek Irr | Irrigation Iflows Iliveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries WY To Date (AF) 245.2 0.0 0.0 44.2 | 0.0 9.5 9.5 9.5 | H3 R3 V3 W3 Y3 | Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill Crafton Reservoir Level (21.3) Calendar Year To Date (AF) 2,493.3 133.7 62.0 699.4 | 0.0 0.3 21.0 18.5 0.0 1.4 0.0 18.0 |
| A3 B3 C3 D3 I3 | RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River Santa Ana River Mill Creek Mill Creek Mill Creek | 3.8 5.7 0.0 9.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 5AR SAR-MC SWP | F3 G3 | M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja MC #1 Flow (Cooley Hat) Previous Day (AF) 0.0 0.0 0.0 | 9.5 0.0 0.0 Mill Cree 7.0 0.0 2.5 9.5 | C2 Rec | Irrigation Iflows Iiveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries WY To Date (AF) 245.2 0.0 0.0 | 0.0 9.5 9.5 9.5 | H3 R3 W3 Y3 H4 O4 J4 | Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill Crafton Reservoir Level (21.3) Calendar Year To Date (AF) 2,493.3 133.7 62.0 | 18.5 0.0 1.4 0.0 18.0 |
| A3 B3 C3 D3 I3 I3 I3 K3 C3 C3 A4 M4 B4 C4 | RPU Flow M/C #3 Penstock SBVWCD Mill Creek Diversion Total MC Inflows Yucaipa Pipeline Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River Santa Ana River Santa Ana River Santa Ana River Mill Creek | 3.8 5.7 0.0 9.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0 | P3 Q3 S3 T3 F4 | M/C #1 Penstock Flow Stream Parshall Flume to Yucaipa Observation at Garnet MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja MC #1 Flow (Cooley Hat) Previous Day (AF) 0.0 0.0 0.0 0.0 | 9.5 0.0 0.0 Mill Cree 7.0 0.0 2.5 9.5 | C2 ek Irr | Irrigation Iflows Iliveries Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries WY To Date (AF) 245.2 0.0 0.0 44.2 | 0.0 9.5 9.5 9.5 | H3 R3 V3 W3 Y3 | Other Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill Crafton Reservoir Level (21.3) Calendar Year To Date (AF) 2,493.3 133.7 62.0 699.4 | 0.0 0.3 21.0 18.5 0.0 1.4 0.0 18.0 |

Estimate SAR Recharge

Total River Recharge

Estimate Mill Creek Recharge

0

0

SAR Passing Cuttle Weir

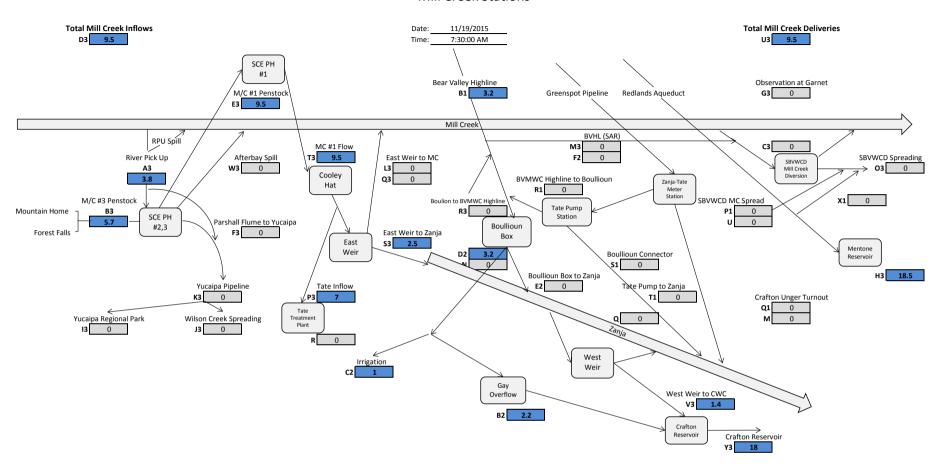
Mill Creek Passing Garnet
Flow in the River Above Alabama

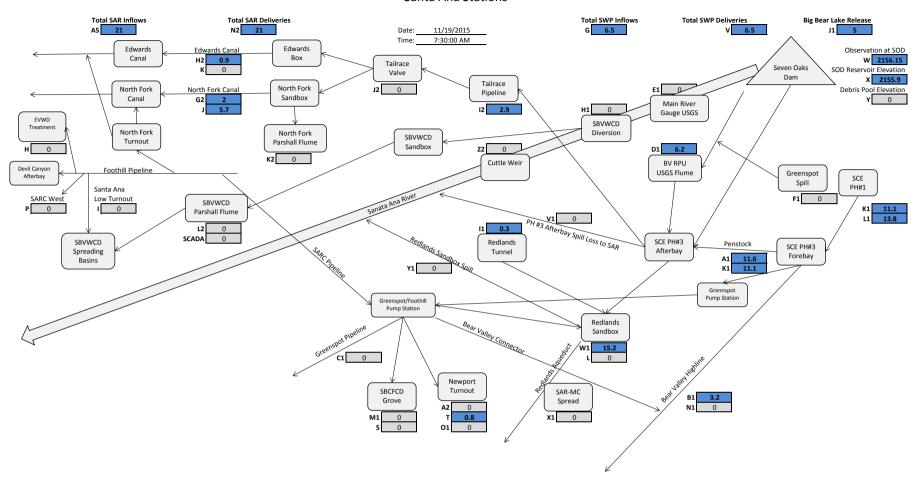
0

0

Share of Lost Flow

Share of Lost Flow Flowing Beyond Alabama





Daily Flow Report Summary

Date: 11/20/2015

Time: 7:30:00 AM

| | Santa Ana River | Flow Rate (cfs) |
|-----------|-----------------------------|--------------------|
| A5 | Total SAR Inflows | 21.2 |
| N2 | Total SAR Deliveries | 21.2 |
| A1 | SAR PH#3 Penstock (calc) | 13.6 |
| B1 | BVMWC Highline | 3.0 |
| C1 | Greenspot Pipeline | 0.0 |
| L2 | SBVWCD Parshall Flume | 0.0 |
| G2 | North Fork Canal Weir | 2.0 |
| H2 | Edwards Canal | 0.9 |
| W1 | Redlands Aqueduct (calc) | 15.3 |

| | Mill Creek | Flow Rate (cfs) |
|----|-------------------------|--------------------|
| D3 | Total MC Inflows | 7.8 |
| U3 | Total MC Deliveries | 7.8 |
| К3 | Yucaipa Pipeline | 0.0 |
| 03 | SBVWCD Spreading | 0.0 |
| T3 | MC #1 Flow (Cooley Hat) | 7.8 |
| | | |

| | State Water Project | Flow Rate (cfs) |
|---|----------------------|--------------------|
| G | Total SWP Inflows | 6.5 |
| ٧ | Total SWP Deliveries | 6.5 |
| J | Northfork Canal | 5.7 |
| L | Redlands Aqueduct | 0.0 |
| М | Crafton Unger Lane | 0.0 |
| Т | Newport to BVMWC | 0.8 |

| Reservoir Levels | Feet |
|--------------------------------|--------|
| Observation at SOD | 2155.6 |
| Crafton Reservoir Level (21.3) | 18.7 |
| Mentone Reservoir Level | 18.5 |

| River Recharge | AF |
|------------------------------|-----|
| Estimate SAR Recharge | 0.0 |
| Estimate Mill Creek Recharge | 0.0 |
| Total River Recharge | 0.0 |

| Location | Type | WY to Date (AF) | Target |
|-------------------------------|--------|-----------------|---------|
| Santa Ana River | SAR | 245 | 123,000 |
| Santa Ana River to Mill Creek | SAR-MC | 0 | 0 |
| Santa Ana River | SWP | 0 | 0 |
| Mill Creek | MC | 44 | 73,800 |
| Mill Creek | SWP | 0 | 714 |
| SBVMWD | SWP | 0 | 0 |
| WMWD | SWP | 0 | 0 |

Daily Flow Report

11/20/2015 7:30:00 AM Date: Time:

| | State Water Project | | | | | | | | | | | |
|-------------------------|---------------------------------|-----|--------------------|-----------------------|-----|-----------------------------------|----------------------------|--|--|--|--|--|
| | Inflows | | | Deliveries | | | | | | | | |
| Α | BBMWD In-lieu | 6.5 | Н | EVWD Treatment Plant | 0.0 | | P SARC West 0.0 | | | | | |
| В | Muni test at Greenspot Station | 0.0 | - 1 | Santa Ana Low Turnout | 0.0 | | Q Zanja 0.0 | | | | | |
| С | Exchange Water | 0.0 | J Northfork Canal | | 5.7 | | R Tate Treatment Plant 0.0 | | | | | |
| D | Purchased Water | 0.0 | К | Edwards Canal | 0.0 | | s SBCFCD Grove 0.0 | | | | | |
| Е | E Redlands Aqueduct Leakage 0.0 | | L | Redlands Aqueduct | 0.0 | | T Newport for BVMWC 0.8 | | | | | |
| F Recharge Project 0.0 | | М | Crafton Unger Lane | 0.0 | | U M/C spreading at Zanja Tate 0.0 | | | | | | |
| G Total SWP Inflows 6.5 | | | N | BVMWC Boullioun Box | 0.0 | | v Total SWP Deliveries 6.5 | | | | | |

| | | | | Sa | nta Ana | Rive | r Inflows | | | | |
|----|----------------------------------|-------|----------------|-------------------------------|---------|-----------|---------------------------------|--------|-------------------|---------------------------|------|
| | SAR PH #3 Penstock (calc) | | BVMWC Highline | | | | SOD Release Subtotal | | Total SAR Inflows | | |
| G2 | Northfork Canal Weir | 2.0 | A2 | Newport | 0.0 | D1 | BVMWC River PU (USGS) | 4.6 | A1 | SAR PH #3 Penstock (calc) | 13.6 |
| H2 | Edwards Canal | 0.9 | D2 | Boullioun Box Weir | 3.0 | E1 | Main River Gage (USGS) | 0.0 | B1 | BVMWC Highline | 3.0 |
| J2 | Tailrace Valve to Parshall Flume | 0.0 | E2 | Boullioun Box to Zanja | 0.0 | | | minus | C1 | Greenspot Pipeline | 0.0 |
| K2 | Northfork Parshall Flume | 0.0 | F2 | SBVWCD Mill Creek Spreading | 0.0 | F1 | Greenspot Spill | 0.0 | D1 | BVMWC River PU (USGS) | 4.6 |
| V1 | PH#3 Afterbay SpillLoss to SAR | 0.0 | B1 | BVMWC Highline | 3.0 | Z1 | SOD Release Subtotal | 4.6 | E1 | Main River Gage (USGS) | 0.0 |
| W1 | Redlands Aqueduct / Sandbox | 15.6 | | | | | | | D1a | BV Pick-Up gated | |
| Y1 | Redlands Sandbox Spill | 0.0 | | Other | | | Seven Oaks Dam | | A5 | Total SAR Inflows | 21.2 |
| | | minus | J1 | Big Bear Lake Release | 5.0 | W | Observation at SOD | 2155.6 | | | |
| D1 | BVMWC River PU (USGS) | 4.6 | L1 | SCE SAR AVM (SCADA) | 14.8 | х | SOD Reservoir Elevation (scada) | 2156.1 | | | |
| 11 | Redlands Tunnel | 0.3 | X1 | SAR-MC Spread (Red. Aqueduct) | 0.0 | Υ | Debris Pool Elevation | 0.0 | | | |
| A1 | SAR PH #3 Penstock (calc) | 13.6 | | _ | | | _ | | | | |
| К1 | PH3# Penstock (SCADA) | 13.6 | | | | | | | | | |

| l1 | Redlands Tunnel | 0.3 | X1 | SAR-MC Spread (Red. Aqueduct) | 0.0 | Υ | Debris Pool Elevation | 0.0 | | | |
|----|--|------|----|----------------------------------|-----|----|----------------------------------|-------|----|----------------------------------|-------|
| A1 | SAR PH #3 Penstock (calc) | 13.6 | - | | | | | | | | |
| K1 | PH3# Penstock (SCADA) | 13.6 | | | | | | | | | |
| | Santa Ana River Deliveries | | | | | | | | | | |
| | Greenspot Pipeline Tailrace Pipeline SBVWCD Parshall FlumeTo Basins Deliveries | | | | | | | | | | |
| M1 | SBCFCD Grove | 0.0 | G2 | Northfork Canal Weir | 2.0 | J2 | Tailrace Valve to Parshall Flume | 0.0 | V1 | SAR PH #3 Afterbay Spill | 0.0 |
| N1 | BVMWC Highline | 0.0 | H2 | Edwards Canal | 0.9 | K2 | Northfork Parshall Flume | 0.0 | W1 | Redlands Aqueduct / Sandbox | 15.6 |
| 01 | Newport for BVMWC | 0.0 | J2 | Tailrace Valve to Parshall Flume | 0.0 | Н1 | SBVWCD Diversion | 0.0 | Y1 | Redlands Sandbox Spill | 0.0 |
| P1 | SBVWCD Mill Creek Spreading | 0.0 | К2 | Northfork Parshall Flume | 0.0 | L2 | SBVWCD Parshall Flume | 0.0 | Z2 | Cuttle Weir To River | 0.0 |
| Q1 | Crafton WC Unger Lane | 0.0 | 12 | Tailrace Pipeline | 2.9 | | Parshall Flume (SCADA) | 0.0 | В1 | BVMWC Highline | 3.0 |
| R1 | BVMWC Highline to Boullioun | 0.0 | | | | | | | C1 | Greenspot Pipeline | 0.0 |
| S1 | Crafton WC Boullioun | 0.0 | | | | | Irrigation | | 12 | Tailrace Pipeline | 2.9 |
| T1 | Tate Pump Station to Zanja | 0.0 | | | | D2 | Boullioun Box Weir | 3.0 | L2 | SBVWCD Parshall Flume | 0.0 |
| C1 | Greenspot Pipeline | 0.0 | | | | | | minus | | | minus |
| | | | | | | B2 | Gay Overflow | 2.2 | J2 | Tailrace Valve to Parshall Flume | 0.0 |
| | | | | | | C2 | Irrigation | 0.8 | K2 | Northfork Parshall Flume | 0.0 |
| | | | | | | | | | 11 | Redlands Tunnel | 0.3 |
| | | | | | | | | | N2 | Total SAR Deliveries | 21.2 |

| | | | | | Mill Cre | ek Inflows |
|----|-----------------------------|-----|----|----------------------------------|----------|------------|
| | Total MC Inflows | | | Other | | |
| А3 | RPU Flow | 2.5 | E3 | M/C #1 Penstock Flow | 7.8 | |
| В3 | M/C #3 Penstock | 5.3 | F3 | Stream Parshall Flume to Yucaipa | 0.0 | |
| С3 | SBVWCD Mill Creek Diversion | 0.0 | G3 | Observation at Garnet | 0.0 | |
| D3 | Total MC Inflows | 7.8 | | | | 1 |

0.0

0.0

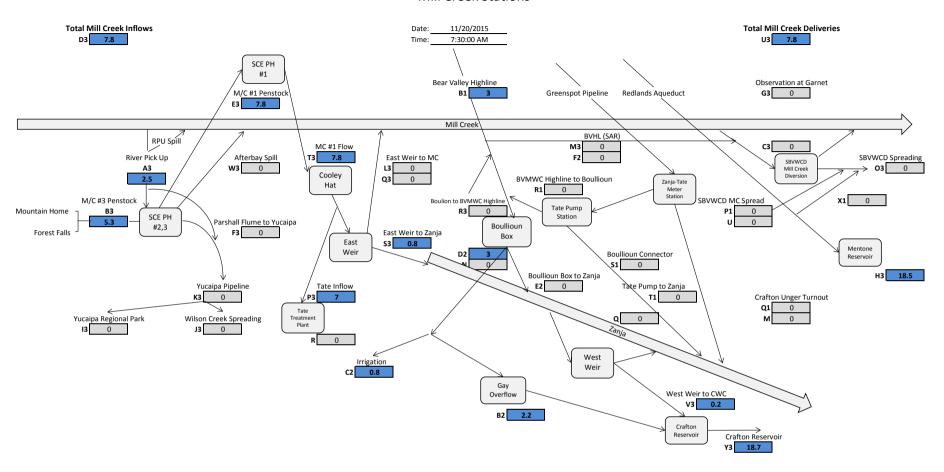
мз BVHL (SAR)

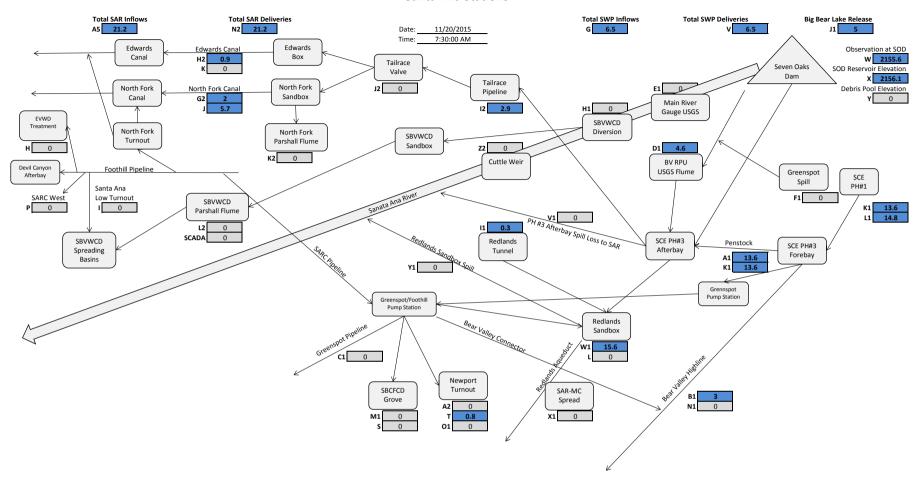
SAR-MC Spread (Red. Aqueduct)

| _ | | 7.0 | | | | | | | | | |
|----|-----------------------------|-----|----|-------------------------|-----|----|---------------------------------|-----|----|-----------------------------------|------|
| | Mill Creek Deliveries | | | | | | | | | | |
| | Yucaipa Pipeline | | | MC #1 Flow (Cooley Hat) | | | Total MC Deliveries | | | Other | |
| 13 | Yucaipa Regional Park | 0.0 | Р3 | Tate Inflow | 7.0 | С3 | SBVWCD Mill Creek Diversion | 0.0 | Н3 | Mentone Reservoir Level | 18.5 |
| J3 | Wilson Creek Spreading | 0.0 | Q3 | East Weir to Mill Creek | 0.0 | Т3 | Mill Creek #1 Flow (Cooley Hat) | 7.8 | R3 | Boullioun to BVMWC Highline | 0.0 |
| кз | Yucaipa Pipeline | 0.0 | S3 | East Weir to Zanja | 0.8 | U3 | Total MC Deliveries | 7.8 | V3 | Zanja West Weir to CWC Canal | 0.2 |
| | | | Т3 | MC #1 Flow (Cooley Hat) | 7.8 | | | | W3 | Mill Creek PH #2,3 Afterbay Spill | 0.0 |
| | SBVWCD MC Spreading | | | | | | | | Y3 | Crafton Reservoir Level (21.3) | 18.7 |
| С3 | SBVWCD Mill Creek Diversion | 0.0 | | | | | | | | | |
| L3 | East Weir (MC) | 0.0 | | | | | | | | | |

| О3 | SBVWCD MC Spreading | 0.0 | | | | | | | | | |
|-----|---|--------|----|-------------------|-------|-------------------|-----------------|---------|----|----------------------------|---------|
| | SBVWCD Recharge | | | | | | | | | | |
| | Location | Type | | Previous Day (AF) | | | WY To Date (AF) | Target | | Calendar Year To Date (AF) | Target |
| A4 | Santa Ana River | SAR | E4 | 0.0 | | 14 | 245.2 | 123,000 | 14 | 2,493.3 | 123,000 |
| M4 | Santa Ana Rvr to Mill Creek | SAR-MC | N4 | 0.0 | | 04 | 0.0 | | 04 | 133.7 | |
| B4 | Santa Ana River | SWP | F4 | 0.0 | | J4 | 0.0 | | J4 | 62.0 | |
| C4 | Mill Creek | MC | G4 | 0.0 | | K4 | 44.2 | 73,800 | K4 | 699.4 | 73,800 |
| D4 | Mill Creek | SWP | H4 | 0.0 | | L4 | 0 | 714 | L4 | 0 | 714 |
| | SBVMWD | SWP | | | | | | | | | |
| | WMWD | SWP | | | | | | | | | |
| SAR | AR Passing Cuttle Weir 0 Share of Lost Flow 0 | | | | Estir | nate SAR Recharge | 0 | | | | |

| B4 | Santa Ana River | SWP | F4 | 0.0 | | J4 | 0.0 | | J4 | 62.0 |
|------|------------------------------|-----|------|---------------------|---|------|--------------------------|--------|----|-------|
| C4 | Mill Creek | MC | G4 | 0.0 | | K4 | 44.2 | 73,800 | K4 | 699.4 |
| D4 | Mill Creek | SWP | H4 | 0.0 | | L4 | 0 | 714 | L4 | 0 |
| | SBVMWD | SWP | | | | | | | | |
| | WMWD | SWP | | | | | | | | |
| SAF | Passing Cuttle Weir | 0 | Shar | e of Lost Flow | 0 | Esti | mate SAR Recharge | 0 | | |
| Mil | Creek Passing Garnet | 0 | Shar | e of Lost Flow | 0 | Esti | mate Mill Creek Recharge | 0 | | |
| Flov | v in the River Above Alabama | 0 | Flow | ring Beyond Alabama | 0 | Tota | al River Recharge | 0 | | |
| | | | | | | | | | | |





Daily Flow Report Summary

Date: 11/23/2015

Time: 7:15:00 AM

| | Santa Ana River | Flow Rate (cfs) | | | |
|-----------|-----------------------------|--------------------|--|--|--|
| A5 | A5 Total SAR Inflows | | | | |
| N2 | Total SAR Deliveries | 21.5 | | | |
| A1 | SAR PH#3 Penstock (calc) | 13.9 | | | |
| B1 | BVMWC Highline | 3.0 | | | |
| C1 | Greenspot Pipeline | 0.0 | | | |
| L2 | SBVWCD Parshall Flume | 0.0 | | | |
| G2 | North Fork Canal Weir | 2.0 | | | |
| H2 | Edwards Canal | 0.0 | | | |
| W1 | Redlands Aqueduct (calc) | 16.5 | | | |

| | Mill Creek | Flow Rate (cfs) |
|----|-------------------------|--------------------|
| D3 | Total MC Inflows | 7.8 |
| U3 | Total MC Deliveries | 7.8 |
| К3 | Yucaipa Pipeline | 0.0 |
| 03 | SBVWCD Spreading | 0.0 |
| Т3 | MC #1 Flow (Cooley Hat) | 7.8 |

| | State Water Project | Flow Rate (cfs) |
|---|----------------------|--------------------|
| G | Total SWP Inflows | 6.4 |
| ٧ | Total SWP Deliveries | 6.4 |
| J | Northfork Canal | 5.7 |
| L | Redlands Aqueduct | 0.0 |
| М | Crafton Unger Lane | 0.0 |
| Т | Newport to BVMWC | 0.7 |

| Reservoir Levels | Feet |
|--------------------------------|------|
| Observation at SOD | 2155 |
| Crafton Reservoir Level (21.3) | 19 |
| Mentone Reservoir Level | 21.3 |

| River Recharge | AF |
|------------------------------|-----|
| Estimate SAR Recharge | 0.0 |
| Estimate Mill Creek Recharge | 0.0 |
| Total River Recharge | 0.0 |

| Location | Type | WY to Date (AF) | Target |
|-------------------------------|--------|-----------------|---------|
| Santa Ana River | SAR | 245 | 123,000 |
| Santa Ana River to Mill Creek | SAR-MC | 0 | 0 |
| Santa Ana River | SWP | 0 | 0 |
| Mill Creek | MC | 44 | 73,800 |
| Mill Creek | SWP | 0 | 714 |
| SBVMWD | SWP | 0 | 0 |
| WMWD | SWP | 0 | 0 |

| | | | | | Daily Fl | ow R | eport | , | | | |
|----------|----------------------------------|-------|-----|----------------------------------|-----------|----------|----------------------------------|--------|----------|----------------------------------|-------|
| | | | | Date: | 11/23/2 | 015 | | | | | |
| | | | | Time: | 7:15:00 | AM | | | | | |
| | | | | | State W | ater l | Project | | | | |
| | Inflows | | | | Deli | veries | | | | | |
| Α | BBMWD In-lieu | 6.4 | Н | EVWD Treatment Plant | 0.0 | Р | SARC West | 0.0 | | | |
| В | Muni test at Greenspot Station | 0.0 | - 1 | Santa Ana Low Turnout | 0.0 | Q | Zanja | 0.0 | | | |
| С | Exchange Water | 0.0 | J | Northfork Canal | 5.7 | R | Tate Treatment Plant | 0.0 | | | |
| D | Purchased Water | 0.0 | K | Edwards Canal | 0.0 | S | SBCFCD Grove | 0.0 | | | |
| Е | Redlands Aqueduct Leakage | 0.0 | L | Redlands Aqueduct | 0.0 | Т | Newport for BVMWC | 0.7 | | | |
| F | Recharge Project | 0.0 | М | Crafton Unger Lane | 0.0 | U | M/C spreading at Zanja Tate | 0.0 | | | |
| G | Total SWP Inflows | 6.4 | N | BVMWC Boullioun Box | 0.0 | ٧ | Total SWP Deliveries | 6.4 | | | |
| | | | | Sa | nta Ana | Rive | r Inflows | | | | |
| | SAR PH #3 Penstock (calc) | | | BVMWC Highline | | | SOD Release Subtotal | | | Total SAR Inflows | |
| G2 | Northfork Canal Weir | 2.0 | A2 | Newport | 0.0 | D1 | BVMWC River PU (USGS) | 4.6 | A1 | SAR PH #3 Penstock (calc) | 13.9 |
| H2 | Edwards Canal | 0.0 | D2 | Boullioun Box Weir | 3.0 | E1 | Main River Gage (USGS) | 0.0 | B1 | BVMWC Highline | 3.0 |
| J2 | Tailrace Valve to Parshall Flume | 0.0 | E2 | Boullioun Box to Zanja | 0.0 | | | minus | C1 | Greenspot Pipeline | 0.0 |
| К2 | Northfork Parshall Flume | 0.0 | F2 | SBVWCD Mill Creek Spreading | 0.0 | F1 | Greenspot Spill | 0.0 | D1 | BVMWC River PU (USGS) | 4.6 |
| V1 | PH#3 Afterbay SpillLoss to SAR | 0.0 | B1 | BVMWC Highline | 3.0 | Z1 | SOD Release Subtotal | 4.6 | E1 | Main River Gage (USGS) | 0.0 |
| W1 | Redlands Aqueduct / Sandbox | 16.8 | | | | | | | D1a | BV Pick-Up gated | |
| Y1 | Redlands Sandbox Spill | 0.0 | | Other | | | Seven Oaks Dam | | A5 | Total SAR Inflows | 21.5 |
| | | minus | J1 | Big Bear Lake Release | 5.0 | W | Observation at SOD | 2155.0 | | | |
| D1 | BVMWC River PU (USGS) | 4.6 | L1 | SCE SAR AVM (SCADA) | 17.2 | х | SOD Reservoir Elevation (scada) | 2155.8 | | | |
| I1 | Redlands Tunnel | 0.3 | X1 | SAR-MC Spread (Red. Aqueduct) | 0.0 | Υ | Debris Pool Elevation | 0.0 | | | |
| A1 | SAR PH #3 Penstock (calc) | 13.9 | | | | | | | | | |
| K1 | PH3# Penstock (SCADA) | 13.6 | | | | | | | | | |
| | | | | Sar | nta Ana F | River | Deliveries | | | | |
| | Greenspot Pipeline | | | Tailrace Pipeline | | | SBVWCD Parshall FlumeTo Basii | - | | Deliveries | |
| | SBCFCD Grove | 0.0 | G2 | Northfork Canal Weir | 2.0 | | Tailrace Valve to Parshall Flume | 0.0 | _ | SAR PH #3 Afterbay Spill | 0.0 |
| N1 | BVMWC Highline | 0.0 | H2 | Edwards Canal | 0.0 | _ | Northfork Parshall Flume | 0.0 | _ | Redlands Aqueduct / Sandbox | 16.8 |
| 01 | Newport for BVMWC | 0.0 | J2 | Tailrace Valve to Parshall Flume | 0.0 | _ | SBVWCD Diversion | 0.0 | | Redlands Sandbox Spill | 0.0 |
| P1 | SBVWCD Mill Creek Spreading | 0.0 | K2 | Northfork Parshall Flume | 0.0 | L2 | SBVWCD Parshall Flume | 0.0 | Z2 | Cuttle Weir To River | 0.0 |
| \vdash | Crafton WC Unger Lane | 0.0 | 12 | Tailrace Pipeline | 2.0 | L | Parshall Flume (SCADA) | 0.0 | | BVMWC Highline | 3.0 |
| R1 | BVMWC Highline to Boullioun | 0.0 | | | | | | | C1 | Greenspot Pipeline | 0.0 |
| S1 | Crafton WC Boullioun | 0.0 | | | | <u> </u> | Irrigation | | 12 | Tailrace Pipeline | 2.0 |
| T1 | Tate Pump Station to Zanja | 0.0 | | | | D2 | Boullioun Box Weir | 3.0 | L2 | SBVWCD Parshall Flume | 0.0 |
| C1 | Greenspot Pipeline | 0.0 | | | | | 1 | minus | <u> </u> | | minus |
| | | | | | | | Gay Overflow | 3.0 | J2 | Tailrace Valve to Parshall Flume | 0.0 |
| | | | | | | C2 | Irrigation | 0.0 | K2 | Northfork Parshall Flume | 0.0 |
| | | | | | | | | | I1 | Redlands Tunnel | 0.3 |
| | | | | | | | | | N2 | Total SAR Deliveries | 21.5 |
| | Mill Creek Inflows | | | | | | | | | | |

| Mill | Creek | Inflow | • |
|------|-------|--------|---|

| | Total MC Inflows | | | Other | |
|----|-----------------------------|-----|----|----------------------------------|-----|
| А3 | RPU Flow | 2.4 | E3 | M/C #1 Penstock Flow | 7.8 |
| В3 | M/C #3 Penstock | 5.4 | F3 | Stream Parshall Flume to Yucaipa | 0.0 |
| С3 | SBVWCD Mill Creek Diversion | 0.0 | G3 | Observation at Garnet | 0.0 |
| D3 | Total MC Inflows | 7.8 | | | |

| | | | | | Mill Cree | k De | liveries |
|----|------------------------|-----|----|-------------------------|-----------|------|------------|
| | Yucaipa Pipeline | | | MC #1 Flow (Cooley Hat) | | | |
| 13 | Yucaipa Regional Park | 0.0 | Р3 | Tate Inflow | 7.0 | С3 | SBVWCD I |
| J3 | Wilson Creek Spreading | 0.0 | Q3 | East Weir to Mill Creek | 0.0 | Т3 | Mill Creek |
| кз | Yucaipa Pipeline | 0.0 | S3 | East Weir to Zanja | 0.8 | U3 | |
| | | | Т3 | MC #1 Flow (Cooley Hat) | 7.8 | | |

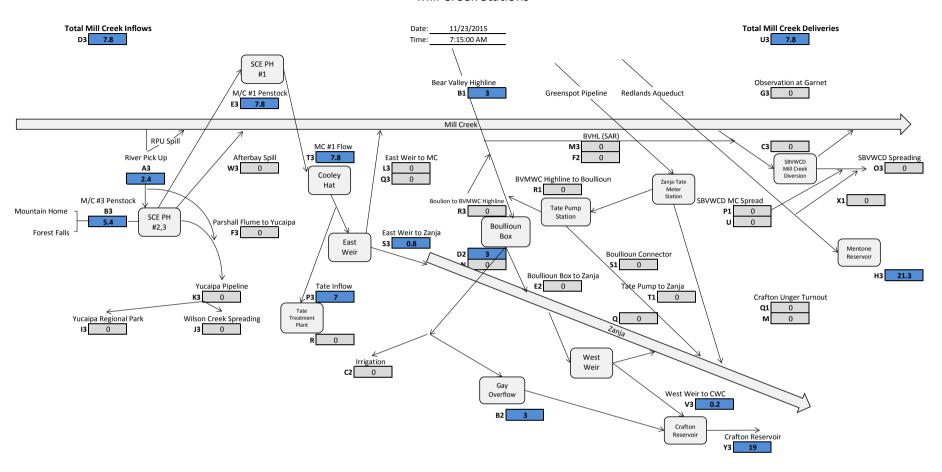
| Total MC Deliveries | | | | | | | |
|---------------------|---------------------------------|-----|--|--|--|--|--|
| СЗ | SBVWCD Mill Creek Diversion | 0.0 | | | | | |
| Т3 | Mill Creek #1 Flow (Cooley Hat) | 7.8 | | | | | |
| U3 | Total MC Deliveries | 7.8 | | | | | |
| | | | | | | | |

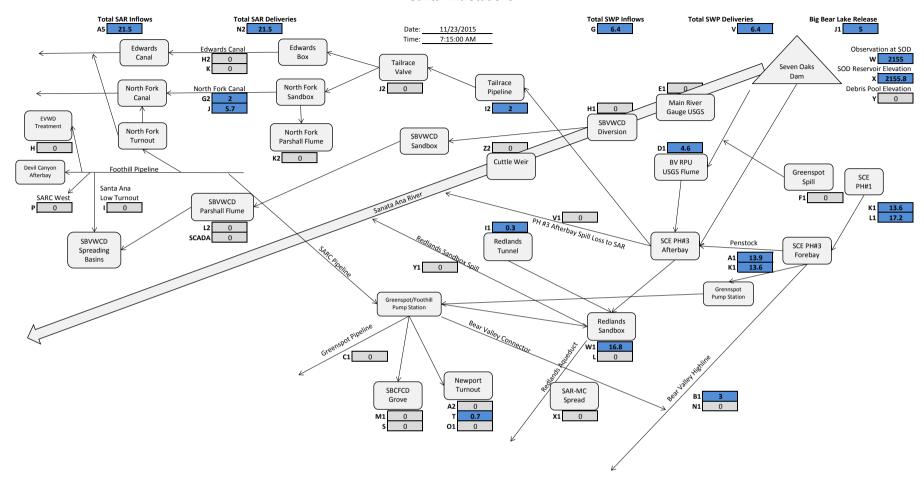
| _ | 2.1 | | | | | | | | |
|----|-----------------------------------|------|--|--|--|--|--|--|--|
| | Other | | | | | | | | |
| 13 | Mentone Reservoir Level | 21.3 | | | | | | | |
| 13 | Boullioun to BVMWC Highline | 0.0 | | | | | | | |
| /3 | Zanja West Weir to CWC Canal | 0.2 | | | | | | | |
| /3 | Mill Creek PH #2,3 Afterbay Spill | 0.0 | | | | | | | |
| 3 | Crafton Reservoir Level (21.3) | 19.0 | | | | | | | |

| | SBVWCD MC Spreading | |
|----|-------------------------------|-----|
| С3 | SBVWCD Mill Creek Diversion | 0.0 |
| L3 | East Weir (MC) | 0.0 |
| М3 | BVHL (SAR) | 0.0 |
| X1 | SAR-MC Spread (Red. Aqueduct) | 0.0 |
| 03 | SBVWCD MC Spreading | 0.0 |

| | SBVWCD Recharge | | | | | | | | | | | |
|---------------|-----------------------------|-------------------|----|-----|-----------------|-----|--------|---------|----------------------------|---------|---------|--|
| Location Type | | Previous Day (AF) | | | WY To Date (AF) | | Target | | Calendar Year To Date (AF) | | | |
| A4 | Santa Ana River | SAR | E4 | 0.0 | 14 | | 245.2 | 123,000 | 14 | 2,493.3 | 123,000 | |
| M4 | Santa Ana Rvr to Mill Creek | SAR-MC | N4 | 0.0 | 04 | 1 | 0.0 | | 04 | 133.7 | | |
| В4 | Santa Ana River | SWP | F4 | 0.0 | J4 | . [| 0.0 | | J4 | 62.0 | | |
| C4 | Mill Creek | MC | G4 | 0.0 | K4 | 1 | 44.2 | 73,800 | K4 | 699.4 | 73,800 | |
| D4 | Mill Creek | SWP | H4 | 0.0 | L4 | | 0 | 714 | L4 | 0 | 714 | |
| | SBVMWD | SWP | | | | | | | | | | |
| | WMWD | SWP | | | | | | | | | | |

| SUVIVIVU | 5001 | | | | |
|---------------------------------|------|------------------------|---|------------------------------|---|
| WMWD | SWP | | | | |
| SAR Passing Cuttle Weir | 0 | Share of Lost Flow | 0 | Estimate SAR Recharge | 0 |
| Mill Creek Passing Garnet | 0 | Share of Lost Flow | 0 | Estimate Mill Creek Recharge | 0 |
| Flow in the River Above Alabama | 0 | Flowing Beyond Alabama | 0 | Total River Recharge | 0 |
| • | | | | | |





Daily Flow Report Summary

Date: 11/24/2015

Time: 7:15:00 AM

| | Santa Ana River | Flow Rate (cfs) |
|-----------|-----------------------------|--------------------|
| A5 | Total SAR Inflows | 21.5 |
| N2 | Total SAR Deliveries | 21.5 |
| A1 | SAR PH#3 Penstock (calc) | 14.0 |
| B1 | BVMWC Highline | 3.0 |
| C1 | Greenspot Pipeline | 0.0 |
| L2 | SBVWCD Parshall Flume | 0.0 |
| G2 | North Fork Canal Weir | 2.0 |
| H2 | Edwards Canal | 0.0 |
| W1 | Redlands Aqueduct (calc) | 16.5 |

| | Mill Creek | Flow Rate (cfs) |
|----|-------------------------|--------------------|
| D3 | Total MC Inflows | 7.9 |
| U3 | Total MC Deliveries | 7.9 |
| К3 | Yucaipa Pipeline | 0.0 |
| 03 | SBVWCD Spreading | 0.0 |
| Т3 | MC #1 Flow (Cooley Hat) | 7.9 |

| | State Water Project | Flow Rate (cfs) |
|---|----------------------|--------------------|
| G | Total SWP Inflows | 6.7 |
| ٧ | Total SWP Deliveries | 6.7 |
| J | Northfork Canal | 5.7 |
| L | Redlands Aqueduct | 0.0 |
| М | Crafton Unger Lane | 0.0 |
| Т | Newport to BVMWC | 1.0 |

| Reservoir Levels | Feet |
|--------------------------------|------|
| Observation at SOD | 2155 |
| Crafton Reservoir Level (21.3) | 18 |
| Mentone Reservoir Level | 22 |

| River Recharge | AF |
|------------------------------|-----|
| Estimate SAR Recharge | 0.0 |
| Estimate Mill Creek Recharge | 0.0 |
| Total River Recharge | 0.0 |

| Location | Type | WY to Date (AF) | Target |
|-------------------------------|--------|-----------------|---------|
| Santa Ana River | SAR | 245 | 123,000 |
| Santa Ana River to Mill Creek | SAR-MC | 0 | 0 |
| Santa Ana River | SWP | 0 | 0 |
| Mill Creek | MC | 44 | 73,800 |
| Mill Creek | SWP | 0 | 714 |
| SBVMWD | SWP | 0 | 0 |
| WMWD | SWP | 0 | 0 |

Daily Flow Report

11/24/2015 7:15:00 AM Date: Time:

| State Water Project | | | | | | | | | | |
|---------------------|--------------------------------|-----|---|-----------------------|-----------|------|-----------------------------|-----|--|--|
| | Inflows | | | Deliveries | | | | | | |
| Α | BBMWD In-lieu | 6.7 | Н | EVWD Treatment Plant | 0.0 | Р | SARC West | 0.0 | | |
| В | Muni test at Greenspot Station | 0.0 | Ι | Santa Ana Low Turnout | 0.0 | Q | Zanja | 0.0 | | |
| С | Exchange Water | 0.0 | J | Northfork Canal | 5.7 | R | Tate Treatment Plant | 0.0 | | |
| D | Purchased Water | 0.0 | K | Edwards Canal | 0.0 | S | SBCFCD Grove | 0.0 | | |
| Е | Redlands Aqueduct Leakage | 0.0 | L | Redlands Aqueduct | 0.0 | Т | Newport for BVMWC | 1.0 | | |
| F | Recharge Project | 0.0 | М | Crafton Unger Lane | 0.0 | U | M/C spreading at Zanja Tate | 0.0 | | |
| G | Total SWP Inflows | 6.7 | N | BVMWC Boullioun Box | 0.0 | V | Total SWP Deliveries | 6.7 | | |
| _ | · | | | | Santa Ana | Rive | r Inflows | | | |

| | Santa Ana River Inflows | | | | | | | | | | | | |
|----|----------------------------------|-------|----|-------------------------------|------|----------------|---------------------------------|--------|----|---------------------------|------|--|--|
| | SAR PH #3 Penstock (calc) | | | BVMWC Highline | | | SOD Release Subtotal | | | Total SAR Inflows | | | |
| G2 | Northfork Canal Weir | 2.0 | A2 | Newport | 0.0 | D1 | D1 BVMWC River PU (USGS) | | A1 | SAR PH #3 Penstock (calc) | 14.0 | | |
| H2 | Edwards Canal | 0.0 | D2 | Boullioun Box Weir | 3.0 | E1 | Main River Gage (USGS) | 0.0 | B1 | BVMWC Highline | 3.0 | | |
| J2 | Tailrace Valve to Parshall Flume | 0.0 | E2 | Boullioun Box to Zanja | 0.0 | | | minus | C1 | Greenspot Pipeline | 0.0 | | |
| K2 | Northfork Parshall Flume | 0.0 | F2 | SBVWCD Mill Creek Spreading | | F1 | Greenspot Spill | 0.0 | D1 | BVMWC River PU (USGS) | 4.5 | | |
| V1 | PH#3 Afterbay SpillLoss to SAR | 0.0 | B1 | BVMWC Highline | 3.0 | Z1 | SOD Release Subtotal | 4.5 | E1 | Main River Gage (USGS) | 0.0 | | |
| W1 | Redlands Aqueduct / Sandbox | 16.8 | - | | | | | | | BV Pick-Up gated | | | |
| Y1 | Redlands Sandbox Spill | 0.0 | | Other | | Seven Oaks Dam | | | A5 | Total SAR Inflows | 21.5 | | |
| | | minus | J1 | Big Bear Lake Release | 5.0 | W | Observation at SOD | 2155.0 | | | | | |
| D1 | BVMWC River PU (USGS) | 4.5 | L1 | SCE SAR AVM (SCADA) | 17.3 | х | SOD Reservoir Elevation (scada) | 2155.6 | | | | | |
| I1 | Redlands Tunnel | 0.3 | X1 | SAR-MC Spread (Red. Aqueduct) | 0.0 | Υ | Debris Pool Elevation | 0.0 | | | | | |
| A1 | SAR PH #3 Penstock (calc) | 14.0 | | | | | | | | | | | |
| K1 | PH3# Penstock (SCADA) | 14.0 | | | | | | | | | | | |

| | | minus | J1 | Big Bear Lake Release | 5.0 | W | Observation at SOD | 2155.0 | | | |
|----|-----------------------------|-------|----|----------------------------------|-----------|------|----------------------------------|--------|----|----------------------------------|-------|
| D1 | BVMWC River PU (USGS) | 4.5 | L1 | SCE SAR AVM (SCADA) | 17.3 | Х | SOD Reservoir Elevation (scada) | 2155.6 | | | |
| l1 | Redlands Tunnel | 0.3 | X1 | SAR-MC Spread (Red. Aqueduct) | 0.0 | Υ | Debris Pool Elevation | 0.0 | | | |
| A1 | SAR PH #3 Penstock (calc) | 14.0 | | | | | | | | | |
| K1 | PH3# Penstock (SCADA) | 14.0 | | | | | | | | | |
| | | | | San | ita Ana R | iver | Deliveries | | | | |
| | Greenspot Pipeline | | | Tailrace Pipeline | | | SBVWCD Parshall FlumeTo Basin | ns | | Deliveries | |
| M1 | SBCFCD Grove | 0.0 | G2 | Northfork Canal Weir | 2.0 | J2 | Tailrace Valve to Parshall Flume | 0.0 | V1 | SAR PH #3 Afterbay Spill | 0.0 |
| N1 | BVMWC Highline | 0.0 | Н2 | Edwards Canal | 0.0 | K2 | Northfork Parshall Flume | 0.0 | W1 | Redlands Aqueduct / Sandbox | 16.8 |
| 01 | Newport for BVMWC | 0.0 | J2 | Tailrace Valve to Parshall Flume | 0.0 | Н1 | SBVWCD Diversion | 0.0 | Y1 | Redlands Sandbox Spill | 0.0 |
| P1 | SBVWCD Mill Creek Spreading | 0.0 | К2 | Northfork Parshall Flume | 0.0 | L2 | SBVWCD Parshall Flume | 0.0 | Z2 | Cuttle Weir To River | 0.0 |
| Q1 | Crafton WC Unger Lane | 0.0 | 12 | Tailrace Pipeline | 2.0 | | Parshall Flume (SCADA) | 0.0 | B1 | BVMWC Highline | 3.0 |
| R1 | BVMWC Highline to Boullioun | 0.0 | | | <u>-</u> | | | | C1 | Greenspot Pipeline | 0.0 |
| S1 | Crafton WC Boullioun | 0.0 | | | | | Irrigation | | 12 | Tailrace Pipeline | 2.0 |
| T1 | Tate Pump Station to Zanja | 0.0 | | | | D2 | Boullioun Box Weir | 3.0 | L2 | SBVWCD Parshall Flume | 0.0 |
| C1 | Greenspot Pipeline | 0.0 | | | | | | minus | | | minus |
| | | | | | | B2 | Gay Overflow | 2.0 | J2 | Tailrace Valve to Parshall Flume | 0.0 |
| | | | | | | C2 | Irrigation | 1.0 | К2 | Northfork Parshall Flume | 0.0 |
| | | | | | | | | | I1 | Redlands Tunnel | 0.3 |
| | | | | | | | | | N2 | Total SAR Deliveries | 21.5 |

| | | | | Mill Cre |
|----|-----------------------------|-----|-------------------------------------|----------|
| | Total MC Inflows | | Other | |
| А3 | RPU Flow | 2.5 | E3 M/C #1 Penstock Flow | 7.9 |
| В3 | M/C #3 Penstock | 5.4 | F3 Stream Parshall Flume to Yucaipa | 0.0 |
| С3 | SBVWCD Mill Creek Diversion | 0.0 | G3 Observation at Garnet | 0.0 |
| D3 | Total MC Inflows | 7.9 | | |

| D3 | Total MC Inflows | 7.9 | | | | | | | | | |
|----|-----------------------------|-----|----|-------------------------|-----------|------|---------------------------------|-----|----|-----------------------------------|------|
| | | | | ı | Mill Cree | k De | liveries | | | | • |
| | Yucaipa Pipeline | | | MC #1 Flow (Cooley Hat) | | | Total MC Deliveries | | | Other | |
| 13 | Yucaipa Regional Park | 0.0 | Р3 | Tate Inflow | 7.0 | С3 | SBVWCD Mill Creek Diversion | 0.0 | Н3 | Mentone Reservoir Level | 22.0 |
| J3 | Wilson Creek Spreading | 0.0 | Q3 | East Weir to Mill Creek | 0.0 | Т3 | Mill Creek #1 Flow (Cooley Hat) | 7.9 | R3 | Boullioun to BVMWC Highline | 0.0 |
| кз | Yucaipa Pipeline | 0.0 | S3 | East Weir to Zanja | 0.9 | U3 | Total MC Deliveries | 7.9 | V3 | Zanja West Weir to CWC Canal | 0.5 |
| | | | Т3 | MC #1 Flow (Cooley Hat) | 7.9 | | | | W3 | Mill Creek PH #2,3 Afterbay Spill | 0.0 |
| | SBVWCD MC Spreading | | | | | _ | | | Y3 | Crafton Reservoir Level (21.3) | 18.0 |
| С3 | SBVWCD Mill Creek Diversion | 0.0 | | | | | | | | | |
| L3 | East Weir (MC) | 0.0 | | | | | | | | | |
| | DVIII (CAD) | 0.0 | | | | | | | | | |

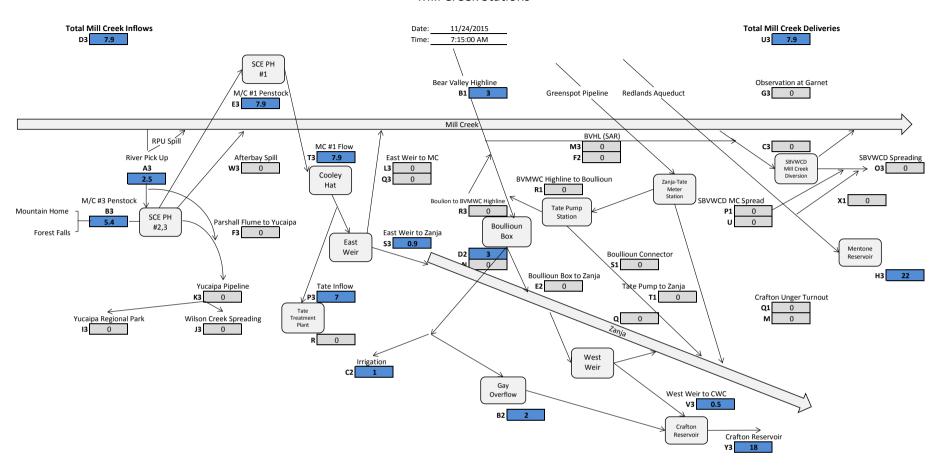
| | | | | | SBVWC | D Recha | arge | | | | |
|-----|-----------------------------|--------|---------|-------------------|-------|---------|-----------------|---------|----|----------------------------|---------|
| | Location | Туре | | Previous Day (AF) | | | WY To Date (AF) | Target | | Calendar Year To Date (AF) | Target |
| A4 | Santa Ana River | SAR | E4 | 0.0 | | 14 | 245.2 | 123,000 | 14 | 2,493.3 | 123,000 |
| M4 | Santa Ana Rvr to Mill Creek | SAR-MC | N4 | 0.0 | | 04 | 0.0 | | 04 | 133.7 | |
| B4 | Santa Ana River | SWP | F4 | 0.0 | | J4 | 0.0 | | J4 | 62.0 | |
| C4 | Mill Creek | MC | G4 | 0.0 | | K4 | 44.2 | 73,800 | K4 | 699.4 | 73,800 |
| D4 | Mill Creek | SWP | H4 | 0.0 | | L4 | 0 | 714 | L4 | 0 | 714 |
| | SBVMWD | SWP | | | | | | | | | |
| | WMWD | SWP | | | | | | | | | |
| SAF | Passing Cuttle Weir | 0 | Share o | f Lost Flow | 0 | Estima | te SAR Recharge | 0 | | | |
| | | | H | | | | | | | | |

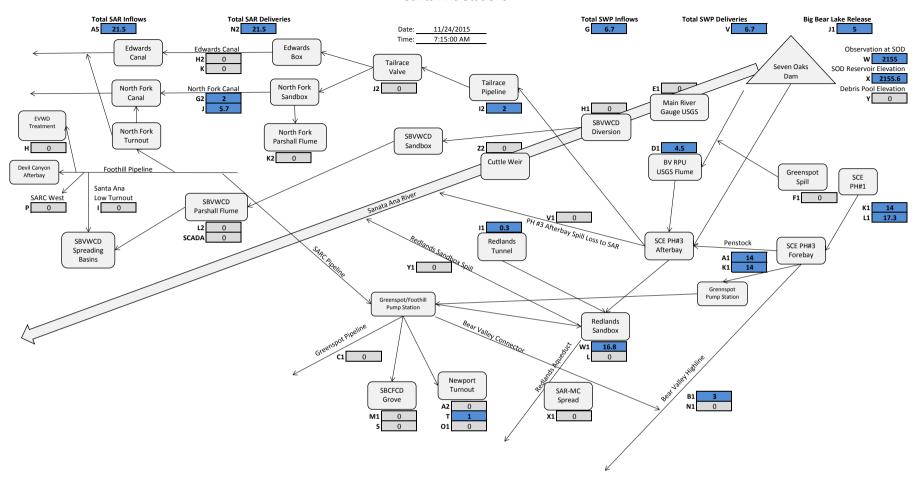
| WMWD | SWP | | | | |
|---------------------------------|-----|------------------------|---|------------------------------|---|
| SAR Passing Cuttle Weir | 0 | Share of Lost Flow | 0 | Estimate SAR Recharge | 0 |
| Mill Creek Passing Garnet | 0 | Share of Lost Flow | 0 | Estimate Mill Creek Recharge | 0 |
| Flow in the River Above Alabama | 0 | Flowing Beyond Alabama | 0 | Total River Recharge | 0 |

X1 SAR-MC Spread (Red. Aqueduct)

SBVWCD MC Spreading

0.0





Daily Flow Report Summary

Date: 11/25/2015

Time: 7:45:00 AM

| | Santa Ana River | Flow Rate (cfs) |
|-----------|--------------------------|--------------------|
| A5 | Total SAR Inflows | 23.6 |
| N2 | Total SAR Deliveries | 23.6 |
| A1 | SAR PH#3 Penstock (calc) | 16.0 |
| B1 | BVMWC Highline | 3.0 |
| C1 | Greenspot Pipeline | 0.0 |
| L2 | SBVWCD Parshall Flume | 0.0 |
| G2 | North Fork Canal Weir | 2.0 |
| H2 | Edwards Canal | 0.0 |
| W1 | Redlands Aqueduct (calc) | 18.6 |

| | Mill Creek | Flow Rate (cfs) |
|----|-------------------------|--------------------|
| D3 | Total MC Inflows | 8.2 |
| U3 | Total MC Deliveries | 8.2 |
| К3 | Yucaipa Pipeline | 0.0 |
| 03 | SBVWCD Spreading | 0.0 |
| Т3 | MC #1 Flow (Cooley Hat) | 8.2 |

| | State Water Project | Flow Rate (cfs) |
|---|----------------------|--------------------|
| G | Total SWP Inflows | 6.8 |
| ٧ | Total SWP Deliveries | 6.8 |
| J | Northfork Canal | 5.8 |
| L | Redlands Aqueduct | 0.0 |
| М | Crafton Unger Lane | 0.0 |
| Т | Newport to BVMWC | 1.0 |

| Reservoir Levels | Feet |
|--------------------------------|------|
| Observation at SOD | 2155 |
| Crafton Reservoir Level (21.3) | 17 |
| Mentone Reservoir Level | 21.5 |

| River Recharge | AF |
|------------------------------|-----|
| Estimate SAR Recharge | 0.0 |
| Estimate Mill Creek Recharge | 0.0 |
| Total River Recharge | 0.0 |

| Location | Туре | WY to Date (AF) | Target |
|-------------------------------|--------|-----------------|---------|
| Santa Ana River | SAR | 245 | 123,000 |
| Santa Ana River to Mill Creek | SAR-MC | 0 | 0 |
| Santa Ana River | SWP | 0 | 0 |
| Mill Creek | MC | 44 | 73,800 |
| Mill Creek | SWP | 0 | 714 |
| SBVMWD | SWP | 0 | 0 |
| WMWD | SWP | 0 | 0 |

Daily Flow Report

Date: 11/25/2015 **Time:** 7:45:00 AM

| | | | | Date: Time: | 7:45:00 | | | - | | | |
|----------------------------|---|--|-------------------------|---|--------------------------|----------------|--|---------------------------------|---|--|--|
| | | | | | State Wa | | Proiect | - | | | |
| \vdash | Inflows | 1 | Г | | Deliv | | • | 1 | | | |
| А | BBMWD In-lieu | 6.8 | Н | EVWD Treatment Plant | 0.0 | P | SARC West | 0.0 | | | |
| В | Muni test at Greenspot Station | 0.0 | H | Santa Ana Low Turnout | 0.0 | Q | Zanja | 0.0 | | | |
| С | Exchange Water | 0.0 | H | Northfork Canal | 5.8 | R | Tate Treatment Plant | 0.0 | | | |
| D | Purchased Water | 0.0 | , , | Edwards Canal | 0.0 | S | SBCFCD Grove | 0.0 | | | |
| - | | | | | | - | | | | | |
| E | Redlands Aqueduct Leakage | 0.0 | L | Redlands Aqueduct | 0.0 | Т | Newport for BVMWC | 1.0 | | | |
| F | Recharge Project | 0.0 | М | Crafton Unger Lane | 0.0 | U | M/C spreading at Zanja Tate | 0.0 | | | |
| G | Total SWP Inflows | 6.8 | N | BVMWC Boullioun Box | 0.0 | ٧ | Total SWP Deliveries | 6.8 | | | |
| | | | | Sa | inta Ana | Rive | r Inflows | | | | |
| | SAR PH #3 Penstock (calc) | | | BVMWC Highline | | | SOD Release Subtotal | | | Total SAR Inflows | |
| G2 | Northfork Canal Weir | 2.0 | A2 | Newport | 0.0 | D1 | BVMWC River PU (USGS) | 4.6 | A1 | SAR PH #3 Penstock (calc) | 16.0 |
| Н2 | Edwards Canal | 0.0 | D2 | Boullioun Box Weir | 3.0 | E1 | Main River Gage (USGS) | 0.0 | B1 | BVMWC Highline | 3.0 |
| J2 | Tailrace Valve to Parshall Flume | 0.0 | E2 | Boullioun Box to Zanja | 0.0 | | | minus | C1 | Greenspot Pipeline | 0.0 |
| К2 | Northfork Parshall Flume | 0.0 | F2 | SBVWCD Mill Creek Spreading | 0.0 | F1 | Greenspot Spill | 0.0 | D1 | BVMWC River PU (USGS) | 4.6 |
| V1 | PH#3 Afterbay SpillLoss to SAR | 0.0 | B1 | BVMWC Highline | 3.0 | Z1 | SOD Release Subtotal | 4.6 | E1 | Main River Gage (USGS) | 0.0 |
| W1 | | 18.9 | | BVIVIVC Highline | 3.0 | | 300 Release Subtotal | 4.0 | - | | 0.0 |
| \vdash | , ,, | | _ | Out | | _ | Seven Oaks Dam | | - | BV Pick-Up gated | |
| Y1 | Redlands Sandbox Spill | 0.0 | - | Other | | | | | A5 | Total SAR Inflows | 23.6 |
| - | T | minus | J1 | Big Bear Lake Release | 5.0 | W | Observation at SOD | 2155.0 | | | |
| D1 | (, | 4.6 | L1 | SCE SAR AVM (SCADA) | 21.9 | Х | SOD Reservoir Elevation (scada) | 2155.4 | | | |
| I1 | Redlands Tunnel | 0.3 | X1 | SAR-MC Spread (Red. Aqueduct) | 0.0 | Υ | Debris Pool Elevation | 0.0 | | | |
| A1 | SAR PH #3 Penstock (calc) | 16.0 | | | | | | | | | |
| К1 | PH3# Penstock (SCADA) | 16.8 | | | | | | | | | |
| | | | | Sar | ita Ana R | iver | Deliveries | | | | |
| | Greenspot Pipeline | | | Tailrace Pipeline | | | SBVWCD Parshall FlumeTo Basir | าร | | Deliveries | |
| M1 | | 0.0 | G2 | Northfork Canal Weir | 2.0 | J2 | Tailrace Valve to Parshall Flume | 0.0 | V1 | SAR PH #3 Afterbay Spill | 0.0 |
| N1 | | 0.0 | Н2 | Edwards Canal | 0.0 | K2 | Northfork Parshall Flume | 0.0 | _ | Redlands Aqueduct / Sandbox | 18.9 |
| 01 | - | 0.0 | J2 | Tailrace Valve to Parshall Flume | 0.0 | H1 | SBVWCD Diversion | 0.0 | Y1 | Redlands Sandbox Spill | 0.0 |
| P1 | SBVWCD Mill Creek Spreading | 0.0 | K2 | Northfork Parshall Flume | 0.0 | L2 | SBVWCD Parshall Flume | 0.0 | - | Cuttle Weir To River | 0.0 |
| \vdash | | | - | | | <u> </u> | | | - | | |
| Q1 | | 0.0 | 12 | Tailrace Pipeline | 2.0 | | Parshall Flume (SCADA) | 0.0 | _ | BVMWC Highline | 3.0 |
| R1 | BVMWC Highline to Boullioun | 0.0 | | | | | | | _ | Greenspot Pipeline | 0.0 |
| S1 | Crafton WC Boullioun | 0.0 | | | | | Irrigation | | 12 | Tailrace Pipeline | 2.0 |
| T1 | Tate Pump Station to Zanja | 0.0 | | | | D2 | Boullioun Box Weir | 3.0 | L2 | SBVWCD Parshall Flume | 0.0 |
| C1 | Greenspot Pipeline | 0.0 | | | | | | minus | | | minus |
| | | | | | | B2 | Gay Overflow | 2.0 | J2 | Tailrace Valve to Parshall Flume | 0.0 |
| | | | | | | C2 | Irrigation | 1.0 | К2 | Northfork Parshall Flume | 0.0 |
| | | | | | | | | | I1 | Redlands Tunnel | 0.3 |
| | | | | | | | | | N2 | Total SAR Deliveries | 23.6 |
| | | | | | Mill Cre | مار اد | oflows | | _ | 1 | |
| \vdash | | 1 | | | Willi Cre | ek II | illows | | | | |
| - | Total MC Inflows | | - | Other | | | | | | | |
| A3 | | 2.3 | E3 | M/C #1 Penstock Flow | 8.2 | | | | | | |
| В3 | M/C #3 Penstock | 5.9 | F3 | Stream Parshall Flume to Yucaipa | 0.0 | | | | | | |
| С3 | SBVWCD Mill Creek Diversion | 0.0 | G3 | Observation at Garnet | 0.0 | | | | | | |
| D3 | Total MC Inflows | | | | | | | | | | |
| | | 8.2 | | | | | | | | | |
| | | 8.2 | | | Mill Cree | k De | liveries | | | | |
| H | Yucaina Pineline | 8.2 | | | Mill Cree | k De | | | | Other | |
| - | Yucaipa Pipeline | | | MC #1 Flow (Cooley Hat) | | | Total MC Deliveries | 0.0 | НЗ | Other Mentone Reservoir Level | 21.5 |
| 13 | Yucaipa Regional Park | 0.0 | Р3 | MC #1 Flow (Cooley Hat) Tate Inflow | 7.0 | СЗ | Total MC Deliveries SBVWCD Mill Creek Diversion | 0.0 | | Mentone Reservoir Level | 21.5 |
| J3 | Yucaipa Regional Park Wilson Creek Spreading | 0.0 | P3 Q3 | MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek | 7.0 | C3 T3 | Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) | 8.2 | R3 | Mentone Reservoir Level Boullioun to BVMWC Highline | 0.0 |
| | Yucaipa Regional Park Wilson Creek Spreading | 0.0 | Р3 | MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja | 7.0 0.0 1.2 | СЗ | Total MC Deliveries SBVWCD Mill Creek Diversion | | R3 V3 | Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal | 0.0 |
| J3 | Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline | 0.0 | P3 Q3 | MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek | 7.0 | C3 T3 | Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) | 8.2 | R3 | Mentone Reservoir Level Boullioun to BVMWC Highline | 0.0 |
| J3 | Yucaipa Regional Park Wilson Creek Spreading | 0.0 | P3 Q3 S3 | MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja | 7.0 0.0 1.2 | C3 T3 | Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) | 8.2 | R3 V3 | Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal | 0.0 |
| J3 | Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline | 0.0 | P3 Q3 S3 | MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja | 7.0 0.0 1.2 | C3 T3 | Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) | 8.2 | R3 V3 W3 | Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill | 0.0 0.6 0.0 |
| J3 КЗ | Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion | 0.0 0.0 0.0 | P3 Q3 S3 | MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja | 7.0 0.0 1.2 | C3 T3 | Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) | 8.2 | R3 V3 W3 | Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill | 0.0 0.6 0.0 |
| J3 КЗ | Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) | 0.0 0.0 0.0 | P3 Q3 S3 | MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja | 7.0 0.0 1.2 | C3 T3 | Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) | 8.2 | R3 V3 W3 | Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill | 0.0 0.6 0.0 |
| ЈЗ КЗ СЗ LЗ | Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) | 0.0 0.0 0.0 0.0 | P3 Q3 S3 | MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja | 7.0 0.0 1.2 | C3 T3 | Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) | 8.2 | R3 V3 W3 | Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill | 0.0 0.6 0.0 |
| C3 L3 M3 X1 | Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | P3 Q3 S3 | MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja | 7.0 0.0 1.2 | C3 T3 | Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) | 8.2 | R3 V3 W3 | Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill | 0.0 0.6 0.0 |
| ЈЗ КЗ СЗ LЗ | Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | P3 Q3 S3 | MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja | 7.0 0.0 1.2 8.2 | C3 T3 U3 | Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries | 8.2 | R3 V3 W3 | Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill | 0.0 0.6 0.0 |
| C3 L3 M3 X1 | Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | P3 Q3 S3 | MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja MC #1 Flow (Cooley Hat) | 7.0 0.0 1.2 | C3 T3 U3 | Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries | 8.2 | R3 V3 W3 | Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill | 0.0 0.6 0.0 |
| C3 L3 M3 X1 O3 | Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | P3 Q3 S3 T3 | MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja MC #1 Flow (Cooley Hat) Previous Day (AF) | 7.0 0.0 1.2 8.2 | C3 T3 U3 | Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries charge WY To Date (AF) | 8.2 8.2 | R3 V3 W3 Y3 | Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill Crafton Reservoir Level (21.3) Calendar Year To Date (AF) | 0.0 0.6 0.0 17.0 |
| C3 L3 M3 X1 O3 | Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | P3 Q3 S3 T3 | MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja MC #1 Flow (Cooley Hat) Previous Day (AF) 0.0 | 7.0 0.0 1.2 8.2 | C3 T3 U3 D Rec | Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries Charge WY To Date (AF) 245.2 | 8.2 8.2 | R3 V3 W3 Y3 | Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill Crafton Reservoir Level (21.3) Calendar Year To Date (AF) 2,493.3 | 0.0 0.6 0.0 17.0 |
| C3 L3 M3 X1 O3 A4 M4 | Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River Santa Ana River | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 5AR SAR-MC | P3 Q3 S3 T3 | MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja MC #1 Flow (Cooley Hat) Previous Day (AF) 0.0 0.0 | 7.0 0.0 1.2 8.2 | C3 T3 U3 U3 | Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries charge WY To Date (AF) 245.2 0.0 | 8.2 8.2 | R3 V3 W3 Y3 I4 U4 | Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill Crafton Reservoir Level (21.3) Calendar Year To Date (AF) 2,493.3 133.7 | 0.0 0.6 0.0 17.0 |
| C3 L3 M3 X1 O3 A4 M4 B4 | Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River Santa Ana River Santa Ana River | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 SAR SARMC SWP | P3 Q3 S3 T3 E4 N4 F4 | MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja MC #1 Flow (Cooley Hat) Previous Day (AF) 0.0 0.0 0.0 | 7.0 0.0 1.2 8.2 | C3 T3 U3 U3 | Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries Charge WY To Date (AF) 245.2 0.0 0.0 | 8.2 8.2 Target 123,000 | R3 V3 W3 Y3 I4 O4 J4 | Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill Crafton Reservoir Level (21.3) Calendar Year To Date (AF) 2,493.3 133.7 62.0 | 0.0 0.6 0.0 17.0 |
| C3 L3 M3 X1 O3 A4 M4 B4 C4 | Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River Santa Ana River Santa Ana River Mill Creek | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 SAR SAR SAR SWP MC | P3 Q3 S3 T3 E4 N4 F4 G4 | MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja MC #1 Flow (Cooley Hat) Previous Day (AF) 0.0 0.0 0.0 0.0 0.0 | 7.0 0.0 1.2 8.2 | C3 T3 U3 V3 V3 | Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries Charge WY To Date (AF) 245.2 0.0 0.0 44.2 | 8.2 8.2 Target 123,000 | R3 V3 W3 Y3 Y4 V4 | Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill Crafton Reservoir Level (21.3) Calendar Year To Date (AF) 2,493.3 133.7 62.0 699.4 | 0.0 0.6 0.0 17.0 |
| C3 L3 M3 X1 O3 A4 M4 B4 | Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River Santa Ana River Santa Ana River Mill Creek Mill Creek Mill Creek | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | P3 Q3 S3 T3 E4 N4 F4 | MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja MC #1 Flow (Cooley Hat) Previous Day (AF) 0.0 0.0 0.0 | 7.0 0.0 1.2 8.2 | C3 T3 U3 U3 | Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries Charge WY To Date (AF) 245.2 0.0 0.0 | 8.2 8.2 Target 123,000 | R3 V3 W3 Y3 I4 O4 J4 | Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill Crafton Reservoir Level (21.3) Calendar Year To Date (AF) 2,493.3 133.7 62.0 | 0.0 0.6 0.0 17.0 |
| C3 L3 M3 X1 O3 A4 M4 B4 C4 | Yucaipa Regional Park Wilson Creek Spreading Yucaipa Pipeline SBVWCD MC Spreading SBVWCD Mill Creek Diversion East Weir (MC) BVHL (SAR) SAR-MC Spread (Red. Aqueduct) SBVWCD MC Spreading Location Santa Ana River Santa Ana River Santa Ana River Mill Creek | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 SAR SAR SAR SWP MC | P3 Q3 S3 T3 E4 N4 F4 G4 | MC #1 Flow (Cooley Hat) Tate Inflow East Weir to Mill Creek East Weir to Zanja MC #1 Flow (Cooley Hat) Previous Day (AF) 0.0 0.0 0.0 0.0 0.0 | 7.0 0.0 1.2 8.2 | C3 T3 U3 V3 V3 | Total MC Deliveries SBVWCD Mill Creek Diversion Mill Creek #1 Flow (Cooley Hat) Total MC Deliveries Charge WY To Date (AF) 245.2 0.0 0.0 44.2 | 8.2 8.2 Target 123,000 | R3 V3 W3 Y3 Y4 V4 | Mentone Reservoir Level Boullioun to BVMWC Highline Zanja West Weir to CWC Canal Mill Creek PH #2,3 Afterbay Spill Crafton Reservoir Level (21.3) Calendar Year To Date (AF) 2,493.3 133.7 62.0 699.4 | 0.0 0.6 0.0 17.0 Target 123,000 |

Estimate SAR Recharge

Total River Recharge

Estimate Mill Creek Recharge

0

0

0

0

SAR Passing Cuttle Weir

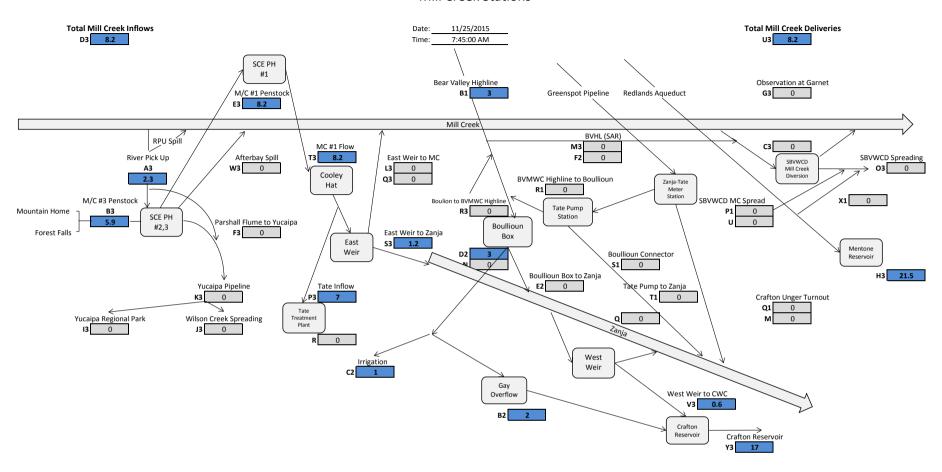
Mill Creek Passing Garnet
Flow in the River Above Alabama

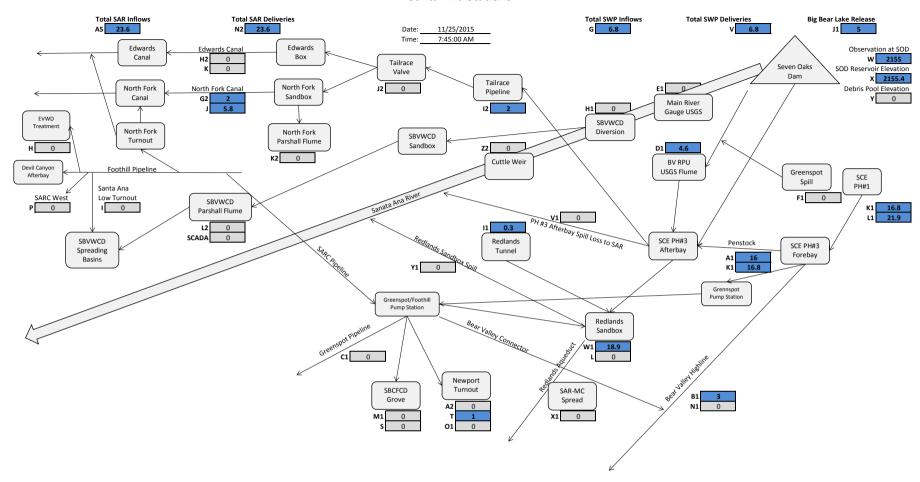
0

0

Share of Lost Flow

Share of Lost Flow Flowing Beyond Alabama





Daily Flow Report Summary

Date: 11/30/2015

Time: 7:15:00 AM

| | Santa Ana River | | | | | | | | | |
|-----------|-----------------------------|------|--|--|--|--|--|--|--|--|
| A5 | A5 Total SAR Inflows | | | | | | | | | |
| N2 | Total SAR Deliveries | 23.3 | | | | | | | | |
| A1 | SAR PH#3 Penstock (calc) | 15.7 | | | | | | | | |
| B1 | BVMWC Highline | 2.4 | | | | | | | | |
| C1 | Greenspot Pipeline | 0.0 | | | | | | | | |
| L2 | SBVWCD Parshall Flume | 0.0 | | | | | | | | |
| G2 | North Fork Canal Weir | 2.1 | | | | | | | | |
| H2 | Edwards Canal | 0.0 | | | | | | | | |
| W1 | Redlands Aqueduct (calc) | 16.3 | | | | | | | | |

| | Mill Creek | | | | | | | |
|----|-------------------------|-----|--|--|--|--|--|--|
| D3 | Total MC Inflows | 8.8 | | | | | | |
| U3 | Total MC Deliveries | 8.8 | | | | | | |
| К3 | Yucaipa Pipeline | 0.0 | | | | | | |
| 03 | SBVWCD Spreading | 0.0 | | | | | | |
| Т3 | MC #1 Flow (Cooley Hat) | 8.8 | | | | | | |

| | State Water Project | | | | | | | |
|---|----------------------|-----|--|--|--|--|--|--|
| G | Total SWP Inflows | 6.3 | | | | | | |
| ٧ | Total SWP Deliveries | 6.3 | | | | | | |
| J | Northfork Canal | 5.7 | | | | | | |
| L | Redlands Aqueduct | 0.0 | | | | | | |
| М | Crafton Unger Lane | 0.0 | | | | | | |
| Т | Newport to BVMWC | 0.6 | | | | | | |

| Reservoir Levels | Feet |
|--------------------------------|--------|
| Observation at SOD | 2154.1 |
| Crafton Reservoir Level (21.3) | 18 |
| Mentone Reservoir Level | 20 |

| River Recharge | AF |
|------------------------------|-----|
| Estimate SAR Recharge | 0.0 |
| Estimate Mill Creek Recharge | 0.0 |
| Total River Recharge | 0.0 |

| Location | Type | WY to Date (AF) | Target |
|-------------------------------|--------|-----------------|---------|
| Santa Ana River | SAR | 256 | 123,000 |
| Santa Ana River to Mill Creek | SAR-MC | 0 | 0 |
| Santa Ana River | SWP | 0 | 0 |
| Mill Creek | MC | 44 | 73,800 |
| Mill Creek | SWP | 0 | 714 |
| SBVMWD | SWP | 0 | 0 |
| WMWD | SWP | 0 | 0 |

Daily Flow Report

11/30/2015 7:15:00 AM Date: Time:

| State Water Project | | | | | | | | | | | | |
|----------------------------------|-----|---|-----------------------|-----|---|-------------------------------|-----|--|--|--|--|--|
| Inflows | · | Ē | Deliveries | | | | | | | | | |
| A BBMWD In-lieu | 6.3 | Н | EVWD Treatment Plant | 0.0 | | P SARC West | 0.0 | | | | | |
| B Muni test at Greenspot Station | 0.0 | 1 | Santa Ana Low Turnout | 0.0 | | Q Zanja | 0.0 | | | | | |
| c Exchange Water | 0.0 | J | Northfork Canal | 5.7 | | R Tate Treatment Plant | 0.0 | | | | | |
| Purchased Water | 0.0 | K | Edwards Canal | 0.0 | | S SBCFCD Grove | 0.0 | | | | | |
| E Redlands Aqueduct Leakage | 0.0 | L | Redlands Aqueduct | 0.0 | | Newport for BVMWC | 0.6 | | | | | |
| F Recharge Project | 0.0 | М | Crafton Unger Lane | 0.0 | | ∪ M/C spreading at Zanja Tate | 0.0 | | | | | |
| G Total SWP Inflows 6.3 | | | BVMWC Boullioun Box | 0.0 | | v Total SWP Deliveries | 6.3 | | | | | |
| | | | | | _ | | | | | | | |

| _ | | | | | | | • | | | | | | | |
|----|----------------------------------|-------|----|-------------------------------|------|----|---------------------------------|--------|-----|---------------------------|------|--|--|--|
| | Santa Ana River Inflows | | | | | | | | | | | | | |
| | SAR PH #3 Penstock (calc) | | | BVMWC Highline | | | SOD Release Subtotal | | | Total SAR Inflows | | | | |
| G2 | Northfork Canal Weir | 2.1 | A2 | Newport | 0.0 | D1 | BVMWC River PU (USGS) | 5.2 | A1 | SAR PH #3 Penstock (calc) | 15.7 | | | |
| H2 | Edwards Canal | 0.0 | D2 | Boullioun Box Weir | 2.4 | E1 | Main River Gage (USGS) | 0.0 | В1 | BVMWC Highline | 2.4 | | | |
| J2 | Tailrace Valve to Parshall Flume | 0.0 | E2 | Boullioun Box to Zanja | 0.0 | | | minus | C1 | Greenspot Pipeline | 0.0 | | | |
| К2 | Northfork Parshall Flume | 0.0 | F2 | SBVWCD Mill Creek Spreading | 0.0 | F1 | Greenspot Spill | 0.0 | D1 | BVMWC River PU (USGS) | 5.2 | | | |
| V1 | PH#3 Afterbay SpillLoss to SAR | 2.5 | B1 | BVMWC Highline | 2.4 | Z1 | SOD Release Subtotal | 5.2 | E1 | Main River Gage (USGS) | 0.0 | | | |
| W1 | Redlands Aqueduct / Sandbox | 16.6 | | | | - | | | D1a | BV Pick-Up gated | | | | |
| Y1 | Redlands Sandbox Spill | 0.0 | | Other | | | Seven Oaks Dam | | A5 | Total SAR Inflows | 23.3 | | | |
| | | minus | J1 | Big Bear Lake Release | 5.0 | w | Observation at SOD | 2154.1 | | | | | | |
| D1 | BVMWC River PU (USGS) | 5.2 | L1 | SCE SAR AVM (SCADA) | 18.5 | х | SOD Reservoir Elevation (scada) | 2154.5 | | | | | | |
| 11 | Redlands Tunnel | 0.3 | X1 | SAR-MC Spread (Red. Aqueduct) | 0.0 | Υ | Debris Pool Elevation | 0.0 | | | | | | |
| A1 | SAR PH #3 Penstock (calc) | 15.7 | | | | | | | | | | | | |
| K1 | PH3# Penstock (SCADA) | 14.9 | | | | | | | | | | | | |

| | | minus | J1 | Big Bear Lake Release | 5.0 | W | Observation at SOD | 2154.1 | | | |
|----|-----------------------------|-------|----|----------------------------------|-----------|-------|----------------------------------|--------|----|----------------------------------|-------|
| D1 | BVMWC River PU (USGS) | 5.2 | L1 | SCE SAR AVM (SCADA) | 18.5 | Х | SOD Reservoir Elevation (scada) | 2154.5 | | | |
| 11 | Redlands Tunnel | 0.3 | X1 | SAR-MC Spread (Red. Aqueduct) | 0.0 | Υ | Debris Pool Elevation | 0.0 | | | |
| A1 | SAR PH #3 Penstock (calc) | 15.7 | | | | | | | | | |
| K1 | PH3# Penstock (SCADA) | 14.9 | | | | | | | | | |
| | | | | San | ita Ana R | liver | Deliveries | | | | |
| | Greenspot Pipeline | | | Tailrace Pipeline | | | SBVWCD Parshall FlumeTo Basin | ıs | | Deliveries | |
| M1 | SBCFCD Grove | 0.0 | G2 | Northfork Canal Weir | 2.1 | J2 | Tailrace Valve to Parshall Flume | 0.0 | V1 | SAR PH #3 Afterbay Spill | 2.5 |
| N1 | BVMWC Highline | 0.0 | Н2 | Edwards Canal | 0.0 | K2 | Northfork Parshall Flume | 0.0 | W1 | Redlands Aqueduct / Sandbox | 16.6 |
| 01 | Newport for BVMWC | 0.0 | J2 | Tailrace Valve to Parshall Flume | 0.0 | Н1 | SBVWCD Diversion | 0.0 | Y1 | Redlands Sandbox Spill | 0.0 |
| P1 | SBVWCD Mill Creek Spreading | 0.0 | К2 | Northfork Parshall Flume | 0.0 | L2 | SBVWCD Parshall Flume | 0.0 | Z2 | Cuttle Weir To River | 0.0 |
| Q1 | Crafton WC Unger Lane | 0.0 | 12 | Tailrace Pipeline | 2.1 | | Parshall Flume (SCADA) | 0.0 | B1 | BVMWC Highline | 2.4 |
| R1 | BVMWC Highline to Boullioun | 0.0 | | | | - | | | C1 | Greenspot Pipeline | 0.0 |
| S1 | Crafton WC Boullioun | 0.0 | | | | | Irrigation | | 12 | Tailrace Pipeline | 2.1 |
| T1 | Tate Pump Station to Zanja | 0.0 | | | | D2 | Boullioun Box Weir | 2.4 | L2 | SBVWCD Parshall Flume | 0.0 |
| C1 | Greenspot Pipeline | 0.0 | | | | | | minus | | | minus |
| | | | | | | B2 | Gay Overflow | 3.8 | J2 | Tailrace Valve to Parshall Flume | 0.0 |
| | | | | | | C2 | Irrigation | 0.0 | K2 | Northfork Parshall Flume | 0.0 |
| | | | | | | | | | l1 | Redlands Tunnel | 0.3 |
| | | | | | | | | | N2 | Total SAR Deliveries | 23.3 |

| | | | | | Mill Cre | ek Inflows |
|----|------------------|-----|----|----------------------------------|----------|------------|
| | Total MC Inflows | | | Other | | |
| ٨3 | RPU Flow 2.7 | | E3 | M/C #1 Penstock Flow | 8.8 | |
| 33 | M/C #3 Penstock | 6.1 | | Stroom Barchall Flume to Vusaina | 0.0 | |

| А3 | RPU Flow | 2.7 | E3 | M/C #1 Penstock Flow | 8.8 |
|----|-----------------------------|-----|----|----------------------------------|-----|
| В3 | M/C #3 Penstock | 6.1 | F3 | Stream Parshall Flume to Yucaipa | 0.0 |
| С3 | SBVWCD Mill Creek Diversion | 0.0 | G3 | Observation at Garnet | 0.0 |
| D3 | Total MC Inflows | 8.8 | | | |

0.0

мз BVHL (SAR)

X1 SAR-MC Spread (Red. Aqueduct)

SBVWCD MC Spreading

| D3 | Total MC Inflows | 8.8 | | | | | | | | | | | |
|------------------|-----------------------------|-----|-------------------------|-------------------------|-----|---------------------|---------------------------------|-----|----|-----------------------------------|------|--|--|
| | Mill Creek Deliveries | | | | | | | | | | | | |
| Yucaipa Pipeline | | | MC #1 Flow (Cooley Hat) | | | Total MC Deliveries | | | | Other | | | |
| 13 | Yucaipa Regional Park | 0.0 | Р3 | Tate Inflow | 7.1 | С3 | SBVWCD Mill Creek Diversion | 0.0 | Н3 | Mentone Reservoir Level | 20.0 | | |
| J3 | Wilson Creek Spreading | 0.0 | Q3 | East Weir to Mill Creek | 0.0 | Т3 | Mill Creek #1 Flow (Cooley Hat) | 8.8 | R3 | Boullioun to BVMWC Highline | 0.0 | | |
| кз | Yucaipa Pipeline | 0.0 | S3 | East Weir to Zanja | 1.7 | U3 | Total MC Deliveries | 8.8 | V3 | Zanja West Weir to CWC Canal | 0.2 | | |
| | | | Т3 | MC #1 Flow (Cooley Hat) | 8.8 | | | | W3 | Mill Creek PH #2,3 Afterbay Spill | 0.0 | | |
| | SBVWCD MC Spreading | | | | | | | | Υ3 | Crafton Reservoir Level (21.3) | 18.0 | | |
| C3 | SBVWCD Mill Creek Diversion | 0.0 | | | | | | | | _ | | | |
| L3 | East Weir (MC) | 0.0 | | | | | | | | | | | |

| SBVWCD Recharge | | | | | | | | | | | | |
|--------------------------------|--------|----------------------|------|---|-----------------------|-------|---------|----------------------------------|---------|---------|--|--|
| Location | Type | Previous Day (AF) | | | WY To Date (AF) | | Target | Calendar Year To Date (AF) Targe | | | | |
| A4 Santa Ana River | SAR | E4 | 11.1 | | 14 | 256.2 | 123,000 | 14 | 2,504.3 | 123,000 | | |
| M4 Santa Ana Rvr to Mill Creek | SAR-MC | N4 | 0.0 | | 04 | 0.0 | | 04 | 133.7 | | | |
| B4 Santa Ana River | SWP | F4 | 0.0 | | J4 | 0.0 | | J4 | 62.0 | | | |
| C4 Mill Creek | MC | G4 | 0.0 | | K4 | 44.2 | 73,800 | K4 | 699.4 | 73,800 | | |
| D4 Mill Creek | SWP | H4 | 0.0 | | L4 | 0 | 714 | L4 | 0 | 714 | | |
| SBVMWD | SWP | | | | | | | | | | | |
| WMWD | SWP | | | | | | | | | | | |
| SAR Passing Cuttle Weir 0 | | Share of Lost Flow 0 | | 0 | Estimate SAR Recharge | | 0 | | | | | |
| | | | | | | | | | | | | |

| WMWD SWP | | | | | |
|---------------------------------|---|------------------------|---|------------------------------|---|
| SAR Passing Cuttle Weir | 0 | Share of Lost Flow | 0 | Estimate SAR Recharge | 0 |
| Mill Creek Passing Garnet | 0 | Share of Lost Flow | 0 | Estimate Mill Creek Recharge | 0 |
| Flow in the River Above Alabama | 0 | Flowing Beyond Alabama | 0 | Total River Recharge | 0 |

