

# Call System Version 7.08

**3/21/2020**

|                | Priority Year | Override Year | Regulation Year |
|----------------|---------------|---------------|-----------------|
| Duncan-Virden  | 1924          |               | 1904a           |
| Upper Safford  | 1924          |               | 1924            |
| Middle Safford | 1924          |               | 1924            |
| Lower Safford  | 1924          |               | 1845            |
| Winkelman      | 1924          |               | 1884            |
| Ashurst-Hayden | 1924          |               | 1924            |

NOTES

1) Stored Water Available for release 166,249 Ac-ft.  
ASARCO Monitor Well Data 8.23 feet above 1881 per data from ASARCO\_Water Plane Depth 1889.23 on 3/20/2020. No data on 3/21/20.

| Duncan       | Call Entitlement | Priority Entitlement | Total Diverted | Priority Diverted | Apport. Diverted |
|--------------|------------------|----------------------|----------------|-------------------|------------------|
| Sunset       | 25.0             | 30.2                 | 24.8           | 24.8              | 0.0              |
| New Model    | 0.0              | 17.8                 | 0.0            | 0.0               | 0.0              |
| Valley       | 0.0              | 8.2                  | 0.0            | 0.0               | 0.0              |
| Laura Short  | 0.0              | 0.0                  | 0.0            | 0.0               | 0.0              |
| <b>TOTAL</b> | <b>25.0</b>      | <b>56.2</b>          | <b>24.8</b>    | <b>24.8</b>       | <b>0.0</b>       |

## Upper Safford

|                 |              |              |              |              |            |
|-----------------|--------------|--------------|--------------|--------------|------------|
| Brown           | 0.0          | 9.6          | 0.0          | 0.0          | 0.0        |
| Fourness        | 0.0          | 1.9          | 0.0          | 0.0          | 0.0        |
| San Jose        | 38.3         | 40.9         | 38.3         | 38.3         | 0.0        |
| Montezuma       | 33.8         | 39.5         | 29.3         | 29.3         | 0.0        |
| Union Sunflower | 57.7         | 57.7         | 57.7         | 57.7         | 0.0        |
| Graham          | 43.6         | 43.6         | 42.3         | 42.3         | 0.0        |
| Smithville      | 24.4         | 24.4         | 24.3         | 24.3         | 0.0        |
| Dodge-Nevada    | 12.5         | 21.3         | 12.5         | 12.5         | 0.0        |
| <b>TOTAL</b>    | <b>210.2</b> | <b>238.9</b> | <b>204.3</b> | <b>204.3</b> | <b>0.0</b> |

## Middle Safford

|              |             |             |             |             |            |
|--------------|-------------|-------------|-------------|-------------|------------|
| Curtis       | 19.6        | 19.6        | 16.7        | 16.7        | 0.0        |
| Fort Thomas  | 7.5         | 15.1        | 7.5         | 7.5         | 0.0        |
| <b>TOTAL</b> | <b>27.1</b> | <b>34.7</b> | <b>24.2</b> | <b>24.2</b> | <b>0.0</b> |

## Lower Safford

|              |            |            |            |            |            |
|--------------|------------|------------|------------|------------|------------|
| Colvin-Jones | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        |
| Apache       | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        |
| <b>TOTAL</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> |

## Winkelman

|              |            |            |            |            |            |
|--------------|------------|------------|------------|------------|------------|
| ASARCO       | N/A        | N/A        | 5.6        | N/A        | 5.6        |
| Kearny       | 0.4        | 1.3        | 0.4        | 0.4        | 0.0        |
| Winkelman Ag | 0.0        | 2.0        | 0.0        | 0.0        | 0.0        |
| <b>TOTAL</b> | <b>0.4</b> | <b>3.2</b> | <b>6.0</b> | <b>0.4</b> | <b>5.6</b> |

## SCIIP The division of water below Ashurst-Hayden Dam may or may not reflect the actual SCIIP division of water

|              |             |              |              |
|--------------|-------------|--------------|--------------|
| SCIDD        | 75.0        | 189.8        | 136.0        |
| Pima Agency  | 0.0         | 226.8        | 0.0          |
| <b>TOTAL</b> | <b>75.0</b> | <b>416.6</b> | <b>136.0</b> |

|                             |     |
|-----------------------------|-----|
| <b>San Carlos Min. Pool</b> |     |
| CAP Exchange                | 0.0 |
| Minimum Pool                | 1   |

|              | Today Day 1 | Today+1 Day 2 | Today+2 Day 3 | Today+3 Day 4 | Potential Problems | Apport. Exhausted |
|--------------|-------------|---------------|---------------|---------------|--------------------|-------------------|
| Sunset       | 25.0        | 25.0          | 25.0          | 25.0          | No                 | No                |
| New Model    | 0.0         | 0.0           | 0.0           | 0.0           | No                 | No                |
| Valley       | 0.0         | 0.0           | 0.0           | 0.0           | No                 | No                |
| Laura Short  | 0.0         | 0.0           | 0.0           | 0.0           | No                 | No                |
| <b>TOTAL</b> | <b>25.0</b> | <b>25.0</b>   | <b>25.0</b>   | <b>25.0</b>   |                    |                   |

|                 |              |              |              |              |     |    |
|-----------------|--------------|--------------|--------------|--------------|-----|----|
| Brown           | 0.0          | 0.0          | 0.0          | 0.0          | No  | No |
| Fourness        | 0.0          | 0.0          | 0.0          | 0.0          | No  | No |
| San Jose        | 38.3         | 38.3         | 38.3         | 38.3         | No  | No |
| Montezuma       | 33.8         | 33.8         | 33.8         | 33.8         | Yes | No |
| Union Sunflower | 57.7         | 57.7         | 57.7         | 57.7         | No  | No |
| Graham          | 43.6         | 43.6         | 43.6         | 43.6         | No  | No |
| Smithville      | 24.4         | 24.4         | 24.4         | 24.4         | No  | No |
| Dodge-Nevada    | 12.5         | 12.5         | 12.5         | 12.5         | No  | No |
| <b>TOTAL</b>    | <b>210.3</b> | <b>210.3</b> | <b>210.3</b> | <b>210.3</b> |     |    |

|              |             |             |             |             |     |    |
|--------------|-------------|-------------|-------------|-------------|-----|----|
| Curtis       | 19.7        | 19.7        | 19.7        | 19.7        | Yes | No |
| Fort Thomas  | 7.5         | 7.5         | 15.1        | 15.1        | No  | No |
| <b>TOTAL</b> | <b>27.2</b> | <b>27.2</b> | <b>34.8</b> | <b>34.8</b> |     |    |

|              |            |            |            |            |    |    |
|--------------|------------|------------|------------|------------|----|----|
| Colvin-Jones | 0.0        | 0.0        | 0.0        | 0.0        | No | No |
| Apache       | 0.0        | 0.0        | 0.0        | 0.0        | No | No |
| <b>TOTAL</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> |    |    |

|              |             |             |             |             |     |    |
|--------------|-------------|-------------|-------------|-------------|-----|----|
| ASARCO       | 14.0        | 14.0        | 14.0        | 14.0        | Yes | No |
| Kearny       | 0.4         | 0.4         | 0.4         | 0.4         | No  | No |
| Winkelman Ag | 0.0         | 0.0         | 0.0         | 0.0         | No  | No |
| <b>TOTAL</b> | <b>14.4</b> | <b>14.4</b> | <b>14.4</b> | <b>14.4</b> |     |    |

| Available River Flow |         |
|----------------------|---------|
| Duncan               | 3,120.8 |
| Safford              | 3,356.8 |

| Coolidge Data    | 3/20/20 | A-H Data         | 3/21/20 |
|------------------|---------|------------------|---------|
| Inflow to CD     | 4,070.0 | AH Diversions    | 136.0   |
| Coolidge Release | 6.0     | SW @ AH          | 0.0     |
| SWR from CD      | 0.0     | NF @ AH          | 136.0   |
| NFR from CD      | 6.0     | NF not Rel. @ AH | 4,064.0 |
| NF not Released  | 4,064.0 | Total NF @ AH    | 4,215.0 |

|   |                |
|---|----------------|
| Retaining Water for Mechanical Reasons? | No             |
| SCIIP releasing retained water?         | No             |
| <b>Reservoir Data</b>                   | <b>3/20/20</b> |
| SC Res Elevation                        | 2,448.09       |
| SC Res Storage                          | 166,250        |
| SC Res AF                               | 7,275          |

|                    |             |             |             |             |     |
|--------------------|-------------|-------------|-------------|-------------|-----|
| SCIDD Call         | 75.0        | 75.0        | 0.0         | 0.0         | Yes |
| SCIDD Order        | 75.0        | 75.0        | 0.0         | 0.0         | Yes |
| Pima Agency Call   | 0.0         | 0.0         | 70.0        | 70.0        | No  |
| P.A. Order         | 0.0         | 0.0         | 70.0        | 70.0        | No  |
| <b>TOTAL ORDER</b> | <b>75.0</b> | <b>75.0</b> | <b>70.0</b> | <b>70.0</b> |     |

|                          |    |
|--------------------------|----|
| Sudden Freshets in UV    | No |
| Sudden Freshets in LV    | No |
| Is Cosper's Crossing Dry | No |

| River Data               | Estimated Gage Today | Today 3/21/20 | Yesterday 3/20/20 | Day -1 3/19/20 | Day -2 3/18/20 | Day -3 3/17/20 | Day -4 3/16/20 | Day -5 3/15/20 |
|--------------------------|----------------------|---------------|-------------------|----------------|----------------|----------------|----------------|----------------|
| Gila at Blue Creek       | No                   | 1,060.0       | 931.0             | 877.0          | 803.0          | 979.0          | 1,220.0        | 1,920.0        |
| San Francisco at Clifton | No                   | 1,460.0       | 1,850.0           | 1,840.0        | 880.0          | 985.0          | 1,230.0        | 1,490.0        |
| Duncan-Virden Diversions |                      | 24.8          | 25.0              | 13.1           | 13.5           | 0.0            | 0.0            | 0.0            |
| D-V Gain                 |                      | -166.0        | -119.1            | -189.1         | -259.1         | -329.1         | -259.1         | -189.1         |
| Head of Safford          | No                   | 2,590.0       | 2,630.0           | 2,460.0        | 1,740.0        | 2,080.0        | 2,590.0        | 2,730.0        |
| Safford Diversions       |                      | 228.5         | 230.9             | 220.8          | 219.9          | 206.5          | 213.3          | 206.8          |
| Safford Gain             |                      | -165.2        | -235.2            | -165.2         | -235.2         | -305.2         | -235.2         | -165.2         |
| Calva                    | No                   | 2,310.0       | 1,460.0           | 1,710.0        | 2,070.0        | 1,620.0        | 1,620.0        | 1,250.0        |
| San Carlos               | No                   | 781.0         | 2,610.0           | 79.0           | 79.0           | 131.0          | 163.0          | 307.0          |
| Gila Below Coolidge Dam  | No                   | 5.0           | 6.0               | 6.0            | 113.0          | 112.0          | 110.0          | 109.0          |
| CD-AH Actual Flow Gain   |                      | 151.0         | 173.6             | 103.6          | 43.1           | 75.0           | 94.1           | 164.1          |
| Kelvin                   | No                   | 203.0         | 687.0             | 177.0          | 115.0          | 120.0          | 107.0          | 126.0          |
| Winkelman Diversions     |                      | 6.0           | 6.0               | 6.6            | 6.1            | 6.0            | 6.0            | 6.1            |
| AH Spilled & Sluiced     |                      | 15.0          | 15.0              | 15.0           | 0.0            | 10.0           | 10.0           | 30.0           |
| AH Diversions            | No                   | 136.0         | 383.0             | 195.0          | 149.0          | 169.0          | 163.0          | 208.0          |

| Water Quality Data          | 3/20/20 |
|-----------------------------|---------|
| Water Quality at San Jose   | 340     |
| Water Quality at Smithville | 350.0   |
| WQ at Fort Thomas           | 360     |
| Water Quality at Geronimo   | 280     |
| River Flow at Geronimo      | 2,325.0 |
| Seasonal Average Salinity   | 520     |
| WQ at Anderson Flat         | 0       |

| SCIIP Division of Water | Flow | Pima Agency | SCIDD |
|-------------------------|------|-------------|-------|
| NF Div.                 |      | 0.0         | 75.0  |
| Excess NF               | 61.0 |             |       |
| Excess NF Div           |      | 0.0         | 61.0  |
| Total NF Div.           |      | 0.0         | 136.0 |
| NF as SW                | 0.0  |             |       |
| Total SW                | 0.0  |             |       |
| SW Div.                 |      | 0.0         | 0.0   |
| Excess SW               | 0.0  |             |       |
| Excess SW Div.          |      | 0.0         | 0.0   |
| Total SW Div.           |      | 0.0         | 0.0   |
| Total Div.              |      | 0.0         | 136.0 |