



# Patterson Irrigation District

## Main River Section - Hourly Flow Averages

|              |                               |
|--------------|-------------------------------|
| <b>Start</b> | <b>05/23/2022 12:00:00 AM</b> |
| <b>End</b>   | <b>05/30/2022 12:00:00 AM</b> |

Report Generated 05/30/2022 06:00:00 AM

### PP1 Weekly Report - Hourly Average Flow (CFS)

| Date                   | PP1 Average Flow Rate (CFS) - Sontek | Amount Diverted (AF)* - Sontek | PP1 Average Flow Rate (CFS) - Sommers RQ-30 | Amount Diverted (AF)* - Sommers RQ-30 |
|------------------------|--------------------------------------|--------------------------------|---------------------------------------------|---------------------------------------|
| 05/23/2022 12:00:00 AM | 69.8                                 | 5.8                            | 74.2                                        | 6.1                                   |
| 05/23/2022 01:00:00 AM | 75.5                                 | 6.2                            | 74.1                                        | 6.1                                   |
| 05/23/2022 02:00:00 AM | 72.8                                 | 6.0                            | 72.7                                        | 6.0                                   |
| 05/23/2022 03:00:00 AM | 74.2                                 | 6.1                            | 75.9                                        | 6.3                                   |
| 05/23/2022 04:00:00 AM | 77.3                                 | 6.4                            | 76.9                                        | 6.4                                   |
| 05/23/2022 05:00:00 AM | 82.5                                 | 6.8                            | 76.7                                        | 6.3                                   |
| 05/23/2022 06:00:00 AM | 91.0                                 | 7.5                            | 89.8                                        | 7.4                                   |
| 05/23/2022 07:00:00 AM | 90.3                                 | 7.5                            | 95.6                                        | 7.9                                   |
| 05/23/2022 08:00:00 AM | 92.1                                 | 7.6                            | 113.1                                       | 9.3                                   |
| 05/23/2022 09:00:00 AM | 81.0                                 | 6.7                            | 105.7                                       | 8.7                                   |
| 05/23/2022 10:00:00 AM | 85.0                                 | 7.0                            | 108.1                                       | 8.9                                   |
| 05/23/2022 11:00:00 AM | 91.0                                 | 7.5                            | 100.7                                       | 8.3                                   |
| 05/23/2022 12:00:00 PM | 95.7                                 | 7.9                            | 107.9                                       | 8.9                                   |
| 05/23/2022 01:00:00 PM | 94.7                                 | 7.8                            | 106.6                                       | 8.8                                   |
| 05/23/2022 02:00:00 PM | 93.9                                 | 7.8                            | 107.0                                       | 8.8                                   |
| 05/23/2022 03:00:00 PM | 91.2                                 | 7.5                            | 107.5                                       | 8.9                                   |
| 05/23/2022 04:00:00 PM | 74.6                                 | 6.2                            | 96.8                                        | 8.0                                   |
| 05/23/2022 05:00:00 PM | 59.5                                 | 4.9                            | 78.8                                        | 6.5                                   |
| 05/23/2022 06:00:00 PM | 67.2                                 | 5.6                            | 82.2                                        | 6.8                                   |
| 05/23/2022 07:00:00 PM | 66.3                                 | 5.5                            | 72.2                                        | 6.0                                   |
| 05/23/2022 08:00:00 PM | 64.8                                 | 5.4                            | 73.2                                        | 6.0                                   |
| 05/23/2022 09:00:00 PM | 63.7                                 | 5.3                            | 73.4                                        | 6.1                                   |
| 05/23/2022 10:00:00 PM | 65.4                                 | 5.4                            | 73.1                                        | 6.0                                   |
| 05/23/2022 11:00:00 PM | 71.3                                 | 5.9                            | 72.1                                        | 6.0                                   |
| 05/24/2022 12:00:00 AM | 70.6                                 | 5.8                            | 70.8                                        | 5.9                                   |
| 05/24/2022 01:00:00 AM | 72.9                                 | 6.0                            | 71.6                                        | 5.9                                   |
| 05/24/2022 02:00:00 AM | 74.3                                 | 6.1                            | 74.8                                        | 6.2                                   |
| 05/24/2022 03:00:00 AM | 73.7                                 | 6.1                            | 73.4                                        | 6.1                                   |
| 05/24/2022 04:00:00 AM | 78.7                                 | 6.5                            | 76.5                                        | 6.3                                   |
| 05/24/2022 05:00:00 AM | 77.3                                 | 6.4                            | 80.4                                        | 6.6                                   |
| 05/24/2022 06:00:00 AM | 89.4                                 | 7.4                            | 93.7                                        | 7.7                                   |
| 05/24/2022 07:00:00 AM | 105.7                                | 8.7                            | 117.9                                       | 9.7                                   |
| 05/24/2022 08:00:00 AM | 103.5                                | 8.6                            | 119.8                                       | 9.9                                   |
| 05/24/2022 09:00:00 AM | 91.5                                 | 7.6                            | 111.6                                       | 9.2                                   |
| 05/24/2022 10:00:00 AM | 100.8                                | 8.3                            | 111.5                                       | 9.2                                   |
| 05/24/2022 11:00:00 AM | 101.8                                | 8.4                            | 108.2                                       | 8.9                                   |
| 05/24/2022 12:00:00 PM | 105.2                                | 8.7                            | 117.8                                       | 9.7                                   |
| 05/24/2022 01:00:00 PM | 98.4                                 | 8.1                            | 108.5                                       | 9.0                                   |
| 05/24/2022 02:00:00 PM | 98.2                                 | 8.1                            | 103.4                                       | 8.5                                   |
| 05/24/2022 03:00:00 PM | 105.7                                | 8.7                            | 113.1                                       | 9.4                                   |
| 05/24/2022 04:00:00 PM | 100.7                                | 8.3                            | 108.0                                       | 8.9                                   |
| 05/24/2022 05:00:00 PM | 102.2                                | 8.4                            | 114.1                                       | 9.4                                   |
| 05/24/2022 06:00:00 PM | 96.1                                 | 7.9                            | 107.0                                       | 8.8                                   |
| 05/24/2022 07:00:00 PM | 96.6                                 | 8.0                            | 106.9                                       | 8.8                                   |
| 05/24/2022 08:00:00 PM | 97.2                                 | 8.0                            | 106.4                                       | 8.8                                   |
| 05/24/2022 09:00:00 PM | 95.5                                 | 7.9                            | 105.5                                       | 8.7                                   |
| 05/24/2022 10:00:00 PM | 96.8                                 | 8.0                            | 106.2                                       | 8.8                                   |
| 05/24/2022 11:00:00 PM | 96.4                                 | 8.0                            | 105.7                                       | 8.7                                   |
| 05/25/2022 12:00:00 AM | 96.9                                 | 8.0                            | 105.7                                       | 8.7                                   |
| 05/25/2022 01:00:00 AM | 96.7                                 | 8.0                            | 101.8                                       | 8.4                                   |
| 05/25/2022 02:00:00 AM | 99.9                                 | 8.3                            | 103.3                                       | 8.5                                   |
| 05/25/2022 03:00:00 AM | 100.9                                | 8.3                            | 101.4                                       | 8.4                                   |
| 05/25/2022 04:00:00 AM | 104.1                                | 8.6                            | 101.6                                       | 8.4                                   |
| 05/25/2022 05:00:00 AM | 100.9                                | 8.3                            | 99.3                                        | 8.2                                   |



# Patterson Irrigation District

## Main River Section - Hourly Flow Averages

|       |                        |
|-------|------------------------|
| Start | 05/23/2022 12:00:00 AM |
| End   | 05/30/2022 12:00:00 AM |

Report Generated 05/30/2022 06:00:00 AM

### PP1 Weekly Report - Hourly Average Flow (CFS)

| Date                   | PP1 Average Flow Rate (CFS) - Sontek | Amount Diverted (AF)* - Sontek | PP1 Average Flow Rate (CFS) - Sommers RQ-30 | Amount Diverted (AF)* - Sommers RQ-30 |
|------------------------|--------------------------------------|--------------------------------|---------------------------------------------|---------------------------------------|
| 05/25/2022 06:00:00 AM | 93.9                                 | 7.8                            | 90.6                                        | 7.5                                   |
| 05/25/2022 07:00:00 AM | 89.4                                 | 7.4                            | 88.8                                        | 7.3                                   |
| 05/25/2022 08:00:00 AM | 87.9                                 | 7.3                            | 91.3                                        | 7.5                                   |
| 05/25/2022 09:00:00 AM | 101.7                                | 8.4                            | 102.7                                       | 8.5                                   |
| 05/25/2022 10:00:00 AM | 104.2                                | 8.6                            | 103.2                                       | 8.5                                   |
| 05/25/2022 11:00:00 AM | 104.5                                | 8.6                            | 106.6                                       | 8.8                                   |
| 05/25/2022 12:00:00 PM | 102.2                                | 8.4                            | 106.3                                       | 8.8                                   |
| 05/25/2022 01:00:00 PM | 95.0                                 | 7.9                            | 105.2                                       | 8.7                                   |
| 05/25/2022 02:00:00 PM | 88.0                                 | 7.3                            | 99.0                                        | 8.2                                   |
| 05/25/2022 03:00:00 PM | 88.2                                 | 7.3                            | 90.5                                        | 7.5                                   |
| 05/25/2022 04:00:00 PM | 103.9                                | 8.6                            | 103.7                                       | 8.6                                   |
| 05/25/2022 05:00:00 PM | 98.8                                 | 8.2                            | 102.3                                       | 8.5                                   |
| 05/25/2022 06:00:00 PM | 94.8                                 | 7.8                            | 100.8                                       | 8.3                                   |
| 05/25/2022 07:00:00 PM | 87.5                                 | 7.2                            | 93.4                                        | 7.7                                   |
| 05/25/2022 08:00:00 PM | 91.1                                 | 7.5                            | 95.6                                        | 7.9                                   |
| 05/25/2022 09:00:00 PM | 90.8                                 | 7.5                            | 94.2                                        | 7.8                                   |
| 05/25/2022 10:00:00 PM | 92.5                                 | 7.6                            | 91.7                                        | 7.6                                   |
| 05/25/2022 11:00:00 PM | 91.1                                 | 7.5                            | 93.5                                        | 7.7                                   |
| 05/26/2022 12:00:00 AM | 83.1                                 | 6.9                            | 93.9                                        | 7.8                                   |
| 05/26/2022 01:00:00 AM | 75.6                                 | 6.2                            | 91.8                                        | 7.6                                   |
| 05/26/2022 02:00:00 AM | 76.4                                 | 6.3                            | 91.8                                        | 7.6                                   |
| 05/26/2022 03:00:00 AM | 88.2                                 | 7.3                            | 98.0                                        | 8.1                                   |
| 05/26/2022 04:00:00 AM | 92.6                                 | 7.7                            | 102.1                                       | 8.4                                   |
| 05/26/2022 05:00:00 AM | 93.3                                 | 7.7                            | 105.5                                       | 8.7                                   |
| 05/26/2022 06:00:00 AM | 89.8                                 | 7.4                            | 97.5                                        | 8.1                                   |
| 05/26/2022 07:00:00 AM | 94.2                                 | 7.8                            | 95.9                                        | 7.9                                   |
| 05/26/2022 08:00:00 AM | 98.7                                 | 8.2                            | 100.5                                       | 8.3                                   |
| 05/26/2022 09:00:00 AM | 105.5                                | 8.7                            | 110.3                                       | 9.1                                   |
| 05/26/2022 10:00:00 AM | 110.5                                | 9.1                            | 115.2                                       | 9.5                                   |
| 05/26/2022 11:00:00 AM | 107.9                                | 8.9                            | 114.1                                       | 9.4                                   |
| 05/26/2022 12:00:00 PM | 102.0                                | 8.4                            | 112.3                                       | 9.3                                   |
| 05/26/2022 01:00:00 PM | 99.7                                 | 8.2                            | 112.9                                       | 9.3                                   |
| 05/26/2022 02:00:00 PM | 105.8                                | 8.7                            | 116.5                                       | 9.6                                   |
| 05/26/2022 03:00:00 PM | 92.1                                 | 7.6                            | 98.4                                        | 8.1                                   |
| 05/26/2022 04:00:00 PM | 99.3                                 | 8.2                            | 106.0                                       | 8.8                                   |
| 05/26/2022 05:00:00 PM | 95.8                                 | 7.9                            | 102.1                                       | 8.4                                   |
| 05/26/2022 06:00:00 PM | 95.2                                 | 7.9                            | 98.6                                        | 8.1                                   |
| 05/26/2022 07:00:00 PM | 91.4                                 | 7.6                            | 93.3                                        | 7.7                                   |
| 05/26/2022 08:00:00 PM | 85.9                                 | 7.1                            | 88.1                                        | 7.3                                   |
| 05/26/2022 09:00:00 PM | 70.7                                 | 5.8                            | 80.8                                        | 6.7                                   |
| 05/26/2022 10:00:00 PM | 70.2                                 | 5.8                            | 86.6                                        | 7.2                                   |
| 05/26/2022 11:00:00 PM | 74.0                                 | 6.1                            | 86.2                                        | 7.1                                   |
| 05/27/2022 12:00:00 AM | 77.3                                 | 6.4                            | 86.6                                        | 7.2                                   |
| 05/27/2022 01:00:00 AM | 79.6                                 | 6.6                            | 85.4                                        | 7.1                                   |
| 05/27/2022 02:00:00 AM | 84.0                                 | 6.9                            | 85.2                                        | 7.0                                   |
| 05/27/2022 03:00:00 AM | 83.9                                 | 6.9                            | 85.4                                        | 7.1                                   |
| 05/27/2022 04:00:00 AM | 81.6                                 | 6.7                            | 85.1                                        | 7.0                                   |
| 05/27/2022 05:00:00 AM | 83.1                                 | 6.9                            | 83.5                                        | 6.9                                   |
| 05/27/2022 06:00:00 AM | 92.2                                 | 7.6                            | 89.3                                        | 7.4                                   |
| 05/27/2022 07:00:00 AM | 93.1                                 | 7.7                            | 91.2                                        | 7.5                                   |
| 05/27/2022 08:00:00 AM | 101.8                                | 8.4                            | 98.4                                        | 8.1                                   |
| 05/27/2022 09:00:00 AM | 101.6                                | 8.4                            | 96.9                                        | 8.0                                   |
| 05/27/2022 10:00:00 AM | 104.4                                | 8.6                            | 102.1                                       | 8.4                                   |
| 05/27/2022 11:00:00 AM | 106.9                                | 8.8                            | 108.2                                       | 8.9                                   |



# Patterson Irrigation District

## Main River Section - Hourly Flow Averages

|              |                               |
|--------------|-------------------------------|
| <b>Start</b> | <b>05/23/2022 12:00:00 AM</b> |
| <b>End</b>   | <b>05/30/2022 12:00:00 AM</b> |

Report Generated 05/30/2022 06:00:00 AM

### PP1 Weekly Report - Hourly Average Flow (CFS)

| Date                   | PP1 Average Flow Rate (CFS) - Sontek | Amount Diverted (AF)* - Sontek | PP1 Average Flow Rate (CFS) - Sommers RQ-30 | Amount Diverted (AF)* - Sommers RQ-30 |
|------------------------|--------------------------------------|--------------------------------|---------------------------------------------|---------------------------------------|
| 05/27/2022 12:00:00 PM | 106.8                                | 8.8                            | 107.1                                       | 8.9                                   |
| 05/27/2022 01:00:00 PM | 101.9                                | 8.4                            | 107.5                                       | 8.9                                   |
| 05/27/2022 02:00:00 PM | 104.3                                | 8.6                            | 110.8                                       | 9.2                                   |
| 05/27/2022 03:00:00 PM | 108.4                                | 9.0                            | 115.3                                       | 9.5                                   |
| 05/27/2022 04:00:00 PM | 108.3                                | 9.0                            | 116.3                                       | 9.6                                   |
| 05/27/2022 05:00:00 PM | 105.4                                | 8.7                            | 110.9                                       | 9.2                                   |
| 05/27/2022 06:00:00 PM | 108.2                                | 8.9                            | 110.0                                       | 9.1                                   |
| 05/27/2022 07:00:00 PM | 108.0                                | 8.9                            | 110.6                                       | 9.1                                   |
| 05/27/2022 08:00:00 PM | 103.9                                | 8.6                            | 107.9                                       | 8.9                                   |
| 05/27/2022 09:00:00 PM | 101.3                                | 8.4                            | 107.4                                       | 8.9                                   |
| 05/27/2022 10:00:00 PM | 100.9                                | 8.3                            | 109.7                                       | 9.1                                   |
| 05/27/2022 11:00:00 PM | 100.4                                | 8.3                            | 105.8                                       | 8.7                                   |
| 05/28/2022 12:00:00 AM | 103.7                                | 8.6                            | 106.9                                       | 8.8                                   |
| 05/28/2022 01:00:00 AM | 103.5                                | 8.6                            | 107.9                                       | 8.9                                   |
| 05/28/2022 02:00:00 AM | 104.4                                | 8.6                            | 103.9                                       | 8.6                                   |
| 05/28/2022 03:00:00 AM | 105.4                                | 8.7                            | 103.4                                       | 8.5                                   |
| 05/28/2022 04:00:00 AM | 103.9                                | 8.6                            | 102.5                                       | 8.5                                   |
| 05/28/2022 05:00:00 AM | 100.3                                | 8.3                            | 103.3                                       | 8.5                                   |
| 05/28/2022 06:00:00 AM | 98.5                                 | 8.1                            | 100.7                                       | 8.3                                   |
| 05/28/2022 07:00:00 AM | 96.3                                 | 8.0                            | 96.8                                        | 8.0                                   |
| 05/28/2022 08:00:00 AM | 95.1                                 | 7.9                            | 96.3                                        | 8.0                                   |
| 05/28/2022 09:00:00 AM | 91.0                                 | 7.5                            | 90.3                                        | 7.5                                   |
| 05/28/2022 10:00:00 AM | 93.8                                 | 7.7                            | 98.0                                        | 8.1                                   |
| 05/28/2022 11:00:00 AM | 93.4                                 | 7.7                            | 101.8                                       | 8.4                                   |
| 05/28/2022 12:00:00 PM | 89.7                                 | 7.4                            | 102.8                                       | 8.5                                   |
| 05/28/2022 01:00:00 PM | 88.2                                 | 7.3                            | 104.8                                       | 8.7                                   |
| 05/28/2022 02:00:00 PM | 83.6                                 | 6.9                            | 96.8                                        | 8.0                                   |
| 05/28/2022 03:00:00 PM | 86.6                                 | 7.2                            | 96.1                                        | 7.9                                   |
| 05/28/2022 04:00:00 PM | 79.6                                 | 6.6                            | 97.6                                        | 8.1                                   |
| 05/28/2022 05:00:00 PM | 83.0                                 | 6.9                            | 105.8                                       | 8.7                                   |
| 05/28/2022 06:00:00 PM | 79.3                                 | 6.6                            | 100.7                                       | 8.3                                   |
| 05/28/2022 07:00:00 PM | 78.4                                 | 6.5                            | 93.7                                        | 7.7                                   |
| 05/28/2022 08:00:00 PM | 78.9                                 | 6.5                            | 85.8                                        | 7.1                                   |
| 05/28/2022 09:00:00 PM | 84.6                                 | 7.0                            | 84.7                                        | 7.0                                   |
| 05/28/2022 10:00:00 PM | 82.4                                 | 6.8                            | 84.6                                        | 7.0                                   |
| 05/28/2022 11:00:00 PM | 81.0                                 | 6.7                            | 79.1                                        | 6.5                                   |
| 05/29/2022 12:00:00 AM | 79.2                                 | 6.5                            | 78.7                                        | 6.5                                   |
| 05/29/2022 01:00:00 AM | 78.2                                 | 6.5                            | 80.1                                        | 6.6                                   |
| 05/29/2022 02:00:00 AM | 79.9                                 | 6.6                            | 78.7                                        | 6.5                                   |
| 05/29/2022 03:00:00 AM | 83.7                                 | 6.9                            | 79.2                                        | 6.5                                   |
| 05/29/2022 04:00:00 AM | 84.6                                 | 7.0                            | 78.8                                        | 6.5                                   |
| 05/29/2022 05:00:00 AM | 82.4                                 | 6.8                            | 79.2                                        | 6.5                                   |
| 05/29/2022 06:00:00 AM | 80.2                                 | 6.6                            | 82.3                                        | 6.8                                   |
| 05/29/2022 07:00:00 AM | 76.9                                 | 6.4                            | 85.5                                        | 7.1                                   |
| 05/29/2022 08:00:00 AM | 76.0                                 | 6.3                            | 96.6                                        | 8.0                                   |
| 05/29/2022 09:00:00 AM | 71.3                                 | 5.9                            | 91.9                                        | 7.6                                   |
| 05/29/2022 10:00:00 AM | 71.6                                 | 5.9                            | 90.3                                        | 7.5                                   |
| 05/29/2022 11:00:00 AM | 79.4                                 | 6.6                            | 96.2                                        | 8.0                                   |
| 05/29/2022 12:00:00 PM | 84.7                                 | 7.0                            | 93.0                                        | 7.7                                   |
| 05/29/2022 01:00:00 PM | 81.7                                 | 6.8                            | 87.5                                        | 7.2                                   |
| 05/29/2022 02:00:00 PM | 82.3                                 | 6.8                            | 91.6                                        | 7.6                                   |
| 05/29/2022 03:00:00 PM | 83.8                                 | 6.9                            | 89.8                                        | 7.4                                   |
| 05/29/2022 04:00:00 PM | 79.8                                 | 6.6                            | 95.5                                        | 7.9                                   |
| 05/29/2022 05:00:00 PM | 81.5                                 | 6.7                            | 97.1                                        | 8.0                                   |



# Patterson Irrigation District

## Main River Section - Hourly Flow Averages

|              |                               |
|--------------|-------------------------------|
| <b>Start</b> | <b>05/23/2022 12:00:00 AM</b> |
| <b>End</b>   | <b>05/30/2022 12:00:00 AM</b> |

Report Generated 05/30/2022 06:00:00 AM

### PP1 Weekly Report - Hourly Average Flow (CFS)

| Date                     | PP1 Average Flow Rate (CFS) - Sontek | Amount Diverted (AF)* - Sontek | PP1 Average Flow Rate (CFS) - Sommers RQ-30 | Amount Diverted (AF)* - Sommers RQ-30 |
|--------------------------|--------------------------------------|--------------------------------|---------------------------------------------|---------------------------------------|
| 05/29/2022 06:00:00 PM   | 77.2                                 | 6.4                            | 86.5                                        | 7.2                                   |
| 05/29/2022 07:00:00 PM   | 77.0                                 | 6.4                            | 79.9                                        | 6.6                                   |
| 05/29/2022 08:00:00 PM   | 77.4                                 | 6.4                            | 77.5                                        | 6.4                                   |
| 05/29/2022 09:00:00 PM   | 77.1                                 | 6.4                            | 75.7                                        | 6.3                                   |
| 05/29/2022 10:00:00 PM   | 80.1                                 | 6.6                            | 76.5                                        | 6.3                                   |
| 05/29/2022 11:00:00 PM   | 79.4                                 | 6.6                            | 74.6                                        | 6.2                                   |
| Average Flow:            | 89.64                                | 1,244.63                       | 95.84                                       | 1,330.71                              |
| Dataset Device Utilized: | SONTEK SL                            | SONTEK SL                      | SOMMERS RQ-30                               | SOMMERS RQ-30                         |

\*Amount diverted is calculated using the average hourly flow rate in CFS.