



# Patterson Irrigation District

## Main River Section - Hourly Flow Averages

|       |                        |
|-------|------------------------|
| Start | 09/30/2024 12:00:00 AM |
| End   | 10/07/2024 12:00:00 AM |

Report Generated 10/07/2024 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 |
|------------------------|--------------------------------------|--------------------------------|---------------------------------------------|---------------------------------------|
| 09/30/2024 12:00:00 AM | 41.2                                 | 3.4                            | 53.8                                        | 4.4                                   |
| 09/30/2024 01:00:00 AM | 43.7                                 | 3.6                            | 54.7                                        | 4.5                                   |
| 09/30/2024 02:00:00 AM | 43.4                                 | 3.6                            | 53.8                                        | 4.4                                   |
| 09/30/2024 03:00:00 AM | 41.3                                 | 3.4                            | 52.9                                        | 4.4                                   |
| 09/30/2024 04:00:00 AM | 50.3                                 | 4.2                            | 58.2                                        | 4.8                                   |
| 09/30/2024 05:00:00 AM | 48.5                                 | 4.0                            | 59.6                                        | 4.9                                   |
| 09/30/2024 06:00:00 AM | 55.2                                 | 4.6                            | 65.7                                        | 5.4                                   |
| 09/30/2024 07:00:00 AM | 55.7                                 | 4.6                            | 65.0                                        | 5.4                                   |
| 09/30/2024 08:00:00 AM | 60.4                                 | 5.0                            | 64.5                                        | 5.3                                   |
| 09/30/2024 09:00:00 AM | 57.3                                 | 4.7                            | 69.8                                        | 5.8                                   |
| 09/30/2024 10:00:00 AM | 63.6                                 | 5.3                            | 76.7                                        | 6.3                                   |
| 09/30/2024 11:00:00 AM | 64.4                                 | 5.3                            | 75.4                                        | 6.2                                   |
| 09/30/2024 12:00:00 PM | 59.4                                 | 4.9                            | 79.9                                        | 6.6                                   |
| 09/30/2024 01:00:00 PM | 61.3                                 | 5.1                            | 84.9                                        | 7.0                                   |
| 09/30/2024 02:00:00 PM | 59.8                                 | 4.9                            | 83.9                                        | 6.9                                   |
| 09/30/2024 03:00:00 PM | 60.4                                 | 5.0                            | 84.8                                        | 7.0                                   |
| 09/30/2024 04:00:00 PM | 57.8                                 | 4.8                            | 78.4                                        | 6.5                                   |
| 09/30/2024 05:00:00 PM | 59.6                                 | 4.9                            | 77.7                                        | 6.4                                   |
| 09/30/2024 06:00:00 PM | 59.6                                 | 4.9                            | 74.6                                        | 6.2                                   |
| 09/30/2024 07:00:00 PM | 61.0                                 | 5.0                            | 64.8                                        | 5.4                                   |
| 09/30/2024 08:00:00 PM | 54.6                                 | 4.5                            | 70.5                                        | 5.8                                   |
| 09/30/2024 09:00:00 PM | 54.4                                 | 4.5                            | 69.7                                        | 5.8                                   |
| 09/30/2024 10:00:00 PM | 55.4                                 | 4.6                            | 70.8                                        | 5.8                                   |
| 09/30/2024 11:00:00 PM | 54.9                                 | 4.5                            | 67.8                                        | 5.6                                   |
| 10/01/2024 12:00:00 AM | 50.6                                 | 4.2                            | 65.5                                        | 5.4                                   |
| 10/01/2024 01:00:00 AM | 52.7                                 | 4.4                            | 67.1                                        | 5.5                                   |
| 10/01/2024 02:00:00 AM | 55.1                                 | 4.6                            | 67.3                                        | 5.6                                   |
| 10/01/2024 03:00:00 AM | 56.6                                 | 4.7                            | 68.5                                        | 5.7                                   |
| 10/01/2024 04:00:00 AM | 62.4                                 | 5.2                            | 70.5                                        | 5.8                                   |
| 10/01/2024 05:00:00 AM | 62.0                                 | 5.1                            | 69.9                                        | 5.8                                   |
| 10/01/2024 06:00:00 AM | 60.7                                 | 5.0                            | 67.9                                        | 5.6                                   |
| 10/01/2024 07:00:00 AM | 74.8                                 | 6.2                            | 82.0                                        | 6.8                                   |
| 10/01/2024 08:00:00 AM | 77.6                                 | 6.4                            | 87.8                                        | 7.3                                   |
| 10/01/2024 09:00:00 AM | 88.5                                 | 7.3                            | 99.6                                        | 8.2                                   |
| 10/01/2024 10:00:00 AM | 74.8                                 | 6.2                            | 82.4                                        | 6.8                                   |
| 10/01/2024 11:00:00 AM | 71.5                                 | 5.9                            | 83.8                                        | 6.9                                   |
| 10/01/2024 12:00:00 PM | 69.6                                 | 5.8                            | 84.5                                        | 7.0                                   |
| 10/01/2024 01:00:00 PM | 65.1                                 | 5.4                            | 84.4                                        | 7.0                                   |
| 10/01/2024 02:00:00 PM | 65.9                                 | 5.4                            | 88.0                                        | 7.3                                   |
| 10/01/2024 03:00:00 PM | 66.8                                 | 5.5                            | 92.0                                        | 7.6                                   |
| 10/01/2024 04:00:00 PM | 65.6                                 | 5.4                            | 85.2                                        | 7.0                                   |
| 10/01/2024 05:00:00 PM | 64.7                                 | 5.3                            | 80.6                                        | 6.7                                   |
| 10/01/2024 06:00:00 PM | 67.3                                 | 5.6                            | 79.3                                        | 6.6                                   |
| 10/01/2024 07:00:00 PM | 65.1                                 | 5.4                            | 67.2                                        | 5.6                                   |
| 10/01/2024 08:00:00 PM | 62.2                                 | 5.1                            | 74.8                                        | 6.2                                   |
| 10/01/2024 09:00:00 PM | 60.9                                 | 5.0                            | 74.2                                        | 6.1                                   |
| 10/01/2024 10:00:00 PM | 61.3                                 | 5.1                            | 75.2                                        | 6.2                                   |
| 10/01/2024 11:00:00 PM | 60.6                                 | 5.0                            | 76.2                                        | 6.3                                   |
| 10/02/2024 12:00:00 AM | 57.7                                 | 4.8                            | 73.3                                        | 6.1                                   |
| 10/02/2024 01:00:00 AM | 58.8                                 | 4.9                            | 75.9                                        | 6.3                                   |
| 10/02/2024 02:00:00 AM | 61.2                                 | 5.1                            | 77.0                                        | 6.4                                   |
| 10/02/2024 03:00:00 AM | 47.6                                 | 3.9                            | 57.1                                        | 4.7                                   |
| 10/02/2024 04:00:00 AM | 82.9                                 | 6.9                            | 94.3                                        | 7.8                                   |
| 10/02/2024 05:00:00 AM | 59.1                                 | 4.9                            | 71.8                                        | 5.9                                   |



# Patterson Irrigation District

## Main River Section - Hourly Flow Averages

|       |                        |
|-------|------------------------|
| Start | 09/30/2024 12:00:00 AM |
| End   | 10/07/2024 12:00:00 AM |

Report Generated 10/07/2024 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 |
|------------------------|--------------------------------------|--------------------------------|---------------------------------------------|---------------------------------------|
| 10/02/2024 06:00:00 AM | 64.7                                 | 5.3                            | 69.4                                        | 5.7                                   |
| 10/02/2024 07:00:00 AM | 75.2                                 | 6.2                            | 85.6                                        | 7.1                                   |
| 10/02/2024 08:00:00 AM | 69.3                                 | 5.7                            | 81.5                                        | 6.7                                   |
| 10/02/2024 09:00:00 AM | 78.5                                 | 6.5                            | 91.8                                        | 7.6                                   |
| 10/02/2024 10:00:00 AM | 78.9                                 | 6.5                            | 94.3                                        | 7.8                                   |
| 10/02/2024 11:00:00 AM | 70.9                                 | 5.9                            | 86.3                                        | 7.1                                   |
| 10/02/2024 12:00:00 PM | 81.2                                 | 6.7                            | 98.9                                        | 8.2                                   |
| 10/02/2024 01:00:00 PM | 52.6                                 | 4.3                            | 72.7                                        | 6.0                                   |
| 10/02/2024 02:00:00 PM | 88.1                                 | 7.3                            | 105.5                                       | 8.7                                   |
| 10/02/2024 03:00:00 PM | 91.5                                 | 7.6                            | 110.1                                       | 9.1                                   |
| 10/02/2024 04:00:00 PM | 59.4                                 | 4.9                            | 74.5                                        | 6.2                                   |
| 10/02/2024 05:00:00 PM | 90.4                                 | 7.5                            | 102.1                                       | 8.4                                   |
| 10/02/2024 06:00:00 PM | 81.3                                 | 6.7                            | 94.2                                        | 7.8                                   |
| 10/02/2024 07:00:00 PM | 65.2                                 | 5.4                            | 64.7                                        | 5.3                                   |
| 10/02/2024 08:00:00 PM | 83.5                                 | 6.9                            | 96.1                                        | 7.9                                   |
| 10/02/2024 09:00:00 PM | 68.6                                 | 5.7                            | 81.7                                        | 6.7                                   |
| 10/02/2024 10:00:00 PM | 74.5                                 | 6.2                            | 86.1                                        | 7.1                                   |
| 10/02/2024 11:00:00 PM | 78.5                                 | 6.5                            | 92.9                                        | 7.7                                   |
| 10/03/2024 12:00:00 AM | 57.6                                 | 4.8                            | 70.9                                        | 5.9                                   |
| 10/03/2024 01:00:00 AM | 80.9                                 | 6.7                            | 94.1                                        | 7.8                                   |
| 10/03/2024 02:00:00 AM | 64.7                                 | 5.3                            | 81.0                                        | 6.7                                   |
| 10/03/2024 03:00:00 AM | 67.4                                 | 5.6                            | 78.3                                        | 6.5                                   |
| 10/03/2024 04:00:00 AM | 87.3                                 | 7.2                            | 102.5                                       | 8.5                                   |
| 10/03/2024 05:00:00 AM | 59.3                                 | 4.9                            | 73.2                                        | 6.0                                   |
| 10/03/2024 06:00:00 AM | 73.8                                 | 6.1                            | 82.5                                        | 6.8                                   |
| 10/03/2024 07:00:00 AM | 75.4                                 | 6.2                            | 86.4                                        | 7.1                                   |
| 10/03/2024 08:00:00 AM | 74.4                                 | 6.2                            | 86.7                                        | 7.2                                   |
| 10/03/2024 09:00:00 AM | 76.7                                 | 6.3                            | 89.6                                        | 7.4                                   |
| 10/03/2024 10:00:00 AM | 70.0                                 | 5.8                            | 83.0                                        | 6.9                                   |
| 10/03/2024 11:00:00 AM | 68.2                                 | 5.6                            | 81.8                                        | 6.8                                   |
| 10/03/2024 12:00:00 PM | 76.1                                 | 6.3                            | 90.7                                        | 7.5                                   |
| 10/03/2024 01:00:00 PM | 65.0                                 | 5.4                            | 81.3                                        | 6.7                                   |
| 10/03/2024 02:00:00 PM | 67.4                                 | 5.6                            | 84.5                                        | 7.0                                   |
| 10/03/2024 03:00:00 PM | 69.2                                 | 5.7                            | 85.8                                        | 7.1                                   |
| 10/03/2024 04:00:00 PM | 66.8                                 | 5.5                            | 79.3                                        | 6.6                                   |
| 10/03/2024 05:00:00 PM | 60.8                                 | 5.0                            | 73.2                                        | 6.0                                   |
| 10/03/2024 06:00:00 PM | 67.4                                 | 5.6                            | 81.3                                        | 6.7                                   |
| 10/03/2024 07:00:00 PM | 69.2                                 | 5.7                            | 70.6                                        | 5.8                                   |
| 10/03/2024 08:00:00 PM | 62.5                                 | 5.2                            | 73.6                                        | 6.1                                   |
| 10/03/2024 09:00:00 PM | 64.6                                 | 5.3                            | 75.8                                        | 6.3                                   |
| 10/03/2024 10:00:00 PM | 66.0                                 | 5.5                            | 77.7                                        | 6.4                                   |
| 10/03/2024 11:00:00 PM | 83.7                                 | 6.9                            | 99.6                                        | 8.2                                   |
| 10/04/2024 12:00:00 AM | 71.7                                 | 5.9                            | 88.3                                        | 7.3                                   |
| 10/04/2024 01:00:00 AM | 66.2                                 | 5.5                            | 77.4                                        | 6.4                                   |
| 10/04/2024 02:00:00 AM | 74.1                                 | 6.1                            | 89.8                                        | 7.4                                   |
| 10/04/2024 03:00:00 AM | 73.0                                 | 6.0                            | 88.3                                        | 7.3                                   |
| 10/04/2024 04:00:00 AM | 72.1                                 | 6.0                            | 87.0                                        | 7.2                                   |
| 10/04/2024 05:00:00 AM | 77.5                                 | 6.4                            | 88.7                                        | 7.3                                   |
| 10/04/2024 06:00:00 AM | 79.4                                 | 6.6                            | 85.2                                        | 7.0                                   |
| 10/04/2024 07:00:00 AM | 79.3                                 | 6.6                            | 88.7                                        | 7.3                                   |
| 10/04/2024 08:00:00 AM | 78.9                                 | 6.5                            | 91.6                                        | 7.6                                   |
| 10/04/2024 09:00:00 AM | 77.2                                 | 6.4                            | 92.7                                        | 7.7                                   |
| 10/04/2024 10:00:00 AM | 77.4                                 | 6.4                            | 93.3                                        | 7.7                                   |
| 10/04/2024 11:00:00 AM | 76.3                                 | 6.3                            | 95.2                                        | 7.9                                   |



# Patterson Irrigation District

## Main River Section - Hourly Flow Averages

|       |                        |
|-------|------------------------|
| Start | 09/30/2024 12:00:00 AM |
| End   | 10/07/2024 12:00:00 AM |

Report Generated 10/07/2024 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 |
|------------------------|--------------------------------------|--------------------------------|---------------------------------------------|---------------------------------------|
| 10/04/2024 12:00:00 PM | 77.0                                 | 6.4                            | 94.8                                        | 7.8                                   |
| 10/04/2024 01:00:00 PM | 74.0                                 | 6.1                            | 88.9                                        | 7.3                                   |
| 10/04/2024 02:00:00 PM | 68.8                                 | 5.7                            | 84.6                                        | 7.0                                   |
| 10/04/2024 03:00:00 PM | 70.6                                 | 5.8                            | 88.1                                        | 7.3                                   |
| 10/04/2024 04:00:00 PM | 66.4                                 | 5.5                            | 82.8                                        | 6.8                                   |
| 10/04/2024 05:00:00 PM | 69.5                                 | 5.7                            | 83.2                                        | 6.9                                   |
| 10/04/2024 06:00:00 PM | 69.0                                 | 5.7                            | 80.6                                        | 6.7                                   |
| 10/04/2024 07:00:00 PM | 68.2                                 | 5.6                            | 72.8                                        | 6.0                                   |
| 10/04/2024 08:00:00 PM | 68.8                                 | 5.7                            | 81.3                                        | 6.7                                   |
| 10/04/2024 09:00:00 PM | 69.7                                 | 5.8                            | 81.1                                        | 6.7                                   |
| 10/04/2024 10:00:00 PM | 64.9                                 | 5.4                            | 79.2                                        | 6.5                                   |
| 10/04/2024 11:00:00 PM | 68.7                                 | 5.7                            | 81.5                                        | 6.7                                   |
| 10/05/2024 12:00:00 AM | 67.3                                 | 5.6                            | 79.8                                        | 6.6                                   |
| 10/05/2024 01:00:00 AM | 67.4                                 | 5.6                            | 80.0                                        | 6.6                                   |
| 10/05/2024 02:00:00 AM | 67.7                                 | 5.6                            | 82.6                                        | 6.8                                   |
| 10/05/2024 03:00:00 AM | 60.6                                 | 5.0                            | 74.7                                        | 6.2                                   |
| 10/05/2024 04:00:00 AM | 67.9                                 | 5.6                            | 83.8                                        | 6.9                                   |
| 10/05/2024 05:00:00 AM | 60.5                                 | 5.0                            | 71.3                                        | 5.9                                   |
| 10/05/2024 06:00:00 AM | 60.9                                 | 5.0                            | 71.5                                        | 5.9                                   |
| 10/05/2024 07:00:00 AM | 58.9                                 | 4.9                            | 80.5                                        | 6.7                                   |
| 10/05/2024 08:00:00 AM | 48.0                                 | 4.0                            | 70.2                                        | 5.8                                   |
| 10/05/2024 09:00:00 AM | 52.8                                 | 4.4                            | 72.9                                        | 6.0                                   |
| 10/05/2024 10:00:00 AM | 52.3                                 | 4.3                            | 76.8                                        | 6.3                                   |
| 10/05/2024 11:00:00 AM | 46.2                                 | 3.8                            | 72.8                                        | 6.0                                   |
| 10/05/2024 12:00:00 PM | 50.9                                 | 4.2                            | 78.2                                        | 6.5                                   |
| 10/05/2024 01:00:00 PM | 48.4                                 | 4.0                            | 75.2                                        | 6.2                                   |
| 10/05/2024 02:00:00 PM | 47.7                                 | 3.9                            | 73.7                                        | 6.1                                   |
| 10/05/2024 03:00:00 PM | 52.9                                 | 4.4                            | 68.1                                        | 5.6                                   |
| 10/05/2024 04:00:00 PM | 50.0                                 | 4.1                            | 67.6                                        | 5.6                                   |
| 10/05/2024 05:00:00 PM | 45.3                                 | 3.7                            | 62.1                                        | 5.1                                   |
| 10/05/2024 06:00:00 PM | 49.5                                 | 4.1                            | 64.8                                        | 5.4                                   |
| 10/05/2024 07:00:00 PM | 45.7                                 | 3.8                            | 57.4                                        | 4.7                                   |
| 10/05/2024 08:00:00 PM | 46.6                                 | 3.9                            | 60.7                                        | 5.0                                   |
| 10/05/2024 09:00:00 PM | 47.1                                 | 3.9                            | 59.2                                        | 4.9                                   |
| 10/05/2024 10:00:00 PM | 38.5                                 | 3.2                            | 55.3                                        | 4.6                                   |
| 10/05/2024 11:00:00 PM | 41.2                                 | 3.4                            | 58.7                                        | 4.9                                   |
| 10/06/2024 12:00:00 AM | 41.2                                 | 3.4                            | 59.9                                        | 5.0                                   |
| 10/06/2024 01:00:00 AM | 42.4                                 | 3.5                            | 58.6                                        | 4.8                                   |
| 10/06/2024 02:00:00 AM | 39.3                                 | 3.2                            | 54.0                                        | 4.5                                   |
| 10/06/2024 03:00:00 AM | 38.8                                 | 3.2                            | 56.8                                        | 4.7                                   |
| 10/06/2024 04:00:00 AM | 34.6                                 | 2.9                            | 54.9                                        | 4.5                                   |
| 10/06/2024 05:00:00 AM | 35.1                                 | 2.9                            | 51.8                                        | 4.3                                   |
| 10/06/2024 06:00:00 AM | 38.9                                 | 3.2                            | 51.2                                        | 4.2                                   |
| 10/06/2024 07:00:00 AM | 37.7                                 | 3.1                            | 47.1                                        | 3.9                                   |
| 10/06/2024 08:00:00 AM | 39.0                                 | 3.2                            | 44.6                                        | 3.7                                   |
| 10/06/2024 09:00:00 AM | 35.5                                 | 2.9                            | 46.9                                        | 3.9                                   |
| 10/06/2024 10:00:00 AM | 28.0                                 | 2.3                            | 51.1                                        | 4.2                                   |
| 10/06/2024 11:00:00 AM | 42.0                                 | 3.5                            | 65.5                                        | 5.4                                   |
| 10/06/2024 12:00:00 PM | 27.0                                 | 2.2                            | 55.2                                        | 4.6                                   |
| 10/06/2024 01:00:00 PM | 41.2                                 | 3.4                            | 66.3                                        | 5.5                                   |
| 10/06/2024 02:00:00 PM | 29.5                                 | 2.4                            | 49.4                                        | 4.1                                   |
| 10/06/2024 03:00:00 PM | 37.7                                 | 3.1                            | 63.9                                        | 5.3                                   |
| 10/06/2024 04:00:00 PM | 24.4                                 | 2.0                            | 50.3                                        | 4.2                                   |
| 10/06/2024 05:00:00 PM | 36.9                                 | 3.0                            | 61.1                                        | 5.1                                   |



# Patterson Irrigation District

## Main River Section - Hourly Flow Averages

|       |                        |
|-------|------------------------|
| Start | 09/30/2024 12:00:00 AM |
| End   | 10/07/2024 12:00:00 AM |

Report Generated 10/07/2024 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 |
|--------------------------|--------------------------------------|--------------------------------|---------------------------------------------|---------------------------------------|
| 10/06/2024 06:00:00 PM   | 27.5                                 | 2.3                            | 50.2                                        | 4.1                                   |
| 10/06/2024 07:00:00 PM   | 40.5                                 | 3.3                            | 48.7                                        | 4.0                                   |
| 10/06/2024 08:00:00 PM   | 28.6                                 | 2.4                            | 40.8                                        | 3.4                                   |
| 10/06/2024 09:00:00 PM   | 39.3                                 | 3.3                            | 49.7                                        | 4.1                                   |
| 10/06/2024 10:00:00 PM   | 35.1                                 | 2.9                            | 45.9                                        | 3.8                                   |
| 10/06/2024 11:00:00 PM   | 34.7                                 | 2.9                            | 43.4                                        | 3.6                                   |
| Average Flow:            | 60.40                                | 838.63                         | 74.90                                       | 1,039.93                              |
| 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.