



# Patterson Irrigation District

## Main River Section - Hourly Flow Averages

|       |                        |
|-------|------------------------|
| Start | 03/04/2024 12:00:00 AM |
| End   | 03/11/2024 12:00:00 AM |

Report Generated 03/11/2024 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 |
|------------------------|--------------------------------------|--------------------------------|---------------------------------------------|---------------------------------------|
| 03/04/2024 12:00:00 AM | 33.1                                 | 2.7                            | 38.5                                        | 3.2                                   |
| 03/04/2024 01:00:00 AM | 32.8                                 | 2.7                            | 38.4                                        | 3.2                                   |
| 03/04/2024 02:00:00 AM | 32.6                                 | 2.7                            | 39.6                                        | 3.3                                   |
| 03/04/2024 03:00:00 AM | 31.1                                 | 2.6                            | 39.3                                        | 3.2                                   |
| 03/04/2024 04:00:00 AM | 31.3                                 | 2.6                            | 39.4                                        | 3.3                                   |
| 03/04/2024 05:00:00 AM | 31.1                                 | 2.6                            | 39.4                                        | 3.3                                   |
| 03/04/2024 06:00:00 AM | 31.3                                 | 2.6                            | 38.4                                        | 3.2                                   |
| 03/04/2024 07:00:00 AM | 30.1                                 | 2.5                            | 38.2                                        | 3.2                                   |
| 03/04/2024 08:00:00 AM | 30.8                                 | 2.5                            | 41.3                                        | 3.4                                   |
| 03/04/2024 09:00:00 AM | 30.9                                 | 2.6                            | 39.9                                        | 3.3                                   |
| 03/04/2024 10:00:00 AM | 31.6                                 | 2.6                            | 37.5                                        | 3.1                                   |
| 03/04/2024 11:00:00 AM | 31.2                                 | 2.6                            | 39.1                                        | 3.2                                   |
| 03/04/2024 12:00:00 PM | 31.1                                 | 2.6                            | 45.7                                        | 3.8                                   |
| 03/04/2024 01:00:00 PM | 32.2                                 | 2.7                            | 50.3                                        | 4.2                                   |
| 03/04/2024 02:00:00 PM | 32.4                                 | 2.7                            | 49.9                                        | 4.1                                   |
| 03/04/2024 03:00:00 PM | 32.1                                 | 2.7                            | 51.2                                        | 4.2                                   |
| 03/04/2024 04:00:00 PM | 32.4                                 | 2.7                            | 51.7                                        | 4.3                                   |
| 03/04/2024 05:00:00 PM | 32.9                                 | 2.7                            | 47.2                                        | 3.9                                   |
| 03/04/2024 06:00:00 PM | 33.0                                 | 2.7                            | 41.6                                        | 3.4                                   |
| 03/04/2024 07:00:00 PM | 29.0                                 | 2.4                            | 37.8                                        | 3.1                                   |
| 03/04/2024 08:00:00 PM | 29.3                                 | 2.4                            | 36.7                                        | 3.0                                   |
| 03/04/2024 09:00:00 PM | 29.1                                 | 2.4                            | 38.7                                        | 3.2                                   |
| 03/04/2024 10:00:00 PM | 30.5                                 | 2.5                            | 37.7                                        | 3.1                                   |
| 03/04/2024 11:00:00 PM | 30.2                                 | 2.5                            | 37.3                                        | 3.1                                   |
| 03/05/2024 12:00:00 AM | 30.3                                 | 2.5                            | 36.9                                        | 3.0                                   |
| 03/05/2024 01:00:00 AM | 30.3                                 | 2.5                            | 37.8                                        | 3.1                                   |
| 03/05/2024 02:00:00 AM | 30.9                                 | 2.6                            | 38.4                                        | 3.2                                   |
| 03/05/2024 03:00:00 AM | 30.5                                 | 2.5                            | 35.0                                        | 2.9                                   |
| 03/05/2024 04:00:00 AM | 31.1                                 | 2.6                            | 33.3                                        | 2.8                                   |
| 03/05/2024 05:00:00 AM | 30.9                                 | 2.6                            | 39.3                                        | 3.3                                   |
| 03/05/2024 06:00:00 AM | 32.1                                 | 2.7                            | 44.6                                        | 3.7                                   |
| 03/05/2024 07:00:00 AM | 31.6                                 | 2.6                            | 49.5                                        | 4.1                                   |
| 03/05/2024 08:00:00 AM | 30.4                                 | 2.5                            | 47.6                                        | 3.9                                   |
| 03/05/2024 09:00:00 AM | 30.3                                 | 2.5                            | 27.0                                        | 2.2                                   |
| 03/05/2024 10:00:00 AM | 32.1                                 | 2.7                            | 21.2                                        | 1.8                                   |
| 03/05/2024 11:00:00 AM | 32.0                                 | 2.6                            | 18.4                                        | 1.5                                   |
| 03/05/2024 12:00:00 PM | 31.2                                 | 2.6                            | 20.1                                        | 1.7                                   |
| 03/05/2024 01:00:00 PM | 29.6                                 | 2.4                            | 27.7                                        | 2.3                                   |
| 03/05/2024 02:00:00 PM | 29.6                                 | 2.4                            | 34.1                                        | 2.8                                   |
| 03/05/2024 03:00:00 PM | 29.3                                 | 2.4                            | 38.6                                        | 3.2                                   |
| 03/05/2024 04:00:00 PM | 30.8                                 | 2.5                            | 36.4                                        | 3.0                                   |
| 03/05/2024 05:00:00 PM | 30.7                                 | 2.5                            | 24.0                                        | 2.0                                   |
| 03/05/2024 06:00:00 PM | 31.6                                 | 2.6                            | 30.7                                        | 2.5                                   |
| 03/05/2024 07:00:00 PM | 30.5                                 | 2.5                            | 36.1                                        | 3.0                                   |
| 03/05/2024 08:00:00 PM | 29.8                                 | 2.5                            | 36.9                                        | 3.1                                   |
| 03/05/2024 09:00:00 PM | 29.7                                 | 2.5                            | 36.6                                        | 3.0                                   |
| 03/05/2024 10:00:00 PM | 30.4                                 | 2.5                            | 37.2                                        | 3.1                                   |
| 03/05/2024 11:00:00 PM | 30.5                                 | 2.5                            | 38.3                                        | 3.2                                   |
| 03/06/2024 12:00:00 AM | 30.8                                 | 2.5                            | 39.1                                        | 3.2                                   |
| 03/06/2024 01:00:00 AM | 30.9                                 | 2.6                            | 39.2                                        | 3.2                                   |
| 03/06/2024 02:00:00 AM | 31.7                                 | 2.6                            | 38.1                                        | 3.2                                   |
| 03/06/2024 03:00:00 AM | 30.9                                 | 2.6                            | 39.9                                        | 3.3                                   |
| 03/06/2024 04:00:00 AM | 30.6                                 | 2.5                            | 39.1                                        | 3.2                                   |
| 03/06/2024 05:00:00 AM | 31.0                                 | 2.6                            | 38.8                                        | 3.2                                   |



# Patterson Irrigation District

## Main River Section - Hourly Flow Averages

|       |                        |
|-------|------------------------|
| Start | 03/04/2024 12:00:00 AM |
| End   | 03/11/2024 12:00:00 AM |

Report Generated 03/11/2024 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 |
|------------------------|--------------------------------------|--------------------------------|---------------------------------------------|---------------------------------------|
| 03/06/2024 06:00:00 AM | 31.3                                 | 2.6                            | 38.9                                        | 3.2                                   |
| 03/06/2024 07:00:00 AM | 31.0                                 | 2.6                            | 38.4                                        | 3.2                                   |
| 03/06/2024 08:00:00 AM | 31.0                                 | 2.6                            | 39.5                                        | 3.3                                   |
| 03/06/2024 09:00:00 AM | 31.1                                 | 2.6                            | 34.9                                        | 2.9                                   |
| 03/06/2024 10:00:00 AM | 32.4                                 | 2.7                            | 35.2                                        | 2.9                                   |
| 03/06/2024 11:00:00 AM | 31.6                                 | 2.6                            | 41.6                                        | 3.4                                   |
| 03/06/2024 12:00:00 PM | 32.9                                 | 2.7                            | 39.3                                        | 3.3                                   |
| 03/06/2024 01:00:00 PM | 33.1                                 | 2.7                            | 46.9                                        | 3.9                                   |
| 03/06/2024 02:00:00 PM | 32.9                                 | 2.7                            | 48.2                                        | 4.0                                   |
| 03/06/2024 03:00:00 PM | 32.0                                 | 2.6                            | 44.9                                        | 3.7                                   |
| 03/06/2024 04:00:00 PM | 32.0                                 | 2.6                            | 44.4                                        | 3.7                                   |
| 03/06/2024 05:00:00 PM | 31.7                                 | 2.6                            | 40.0                                        | 3.3                                   |
| 03/06/2024 06:00:00 PM | 32.6                                 | 2.7                            | 34.0                                        | 2.8                                   |
| 03/06/2024 07:00:00 PM | 31.7                                 | 2.6                            | 49.5                                        | 4.1                                   |
| 03/06/2024 08:00:00 PM | 32.6                                 | 2.7                            | 50.3                                        | 4.2                                   |
| 03/06/2024 09:00:00 PM | 32.4                                 | 2.7                            | 37.8                                        | 3.1                                   |
| 03/06/2024 10:00:00 PM | 32.6                                 | 2.7                            | 39.0                                        | 3.2                                   |
| 03/06/2024 11:00:00 PM | 31.8                                 | 2.6                            | 39.0                                        | 3.2                                   |
| 03/07/2024 12:00:00 AM | 31.3                                 | 2.6                            | 43.7                                        | 3.6                                   |
| 03/07/2024 01:00:00 AM | 30.4                                 | 2.5                            | 39.3                                        | 3.2                                   |
| 03/07/2024 02:00:00 AM | 32.0                                 | 2.6                            | 37.4                                        | 3.1                                   |
| 03/07/2024 03:00:00 AM | 31.6                                 | 2.6                            | 37.9                                        | 3.1                                   |
| 03/07/2024 04:00:00 AM | 32.1                                 | 2.7                            | 37.5                                        | 3.1                                   |
| 03/07/2024 05:00:00 AM | 32.7                                 | 2.7                            | 37.5                                        | 3.1                                   |
| 03/07/2024 06:00:00 AM | 33.3                                 | 2.8                            | 38.3                                        | 3.2                                   |
| 03/07/2024 07:00:00 AM | 33.1                                 | 2.7                            | 39.2                                        | 3.2                                   |
| 03/07/2024 08:00:00 AM | 33.1                                 | 2.7                            | 37.2                                        | 3.1                                   |
| 03/07/2024 09:00:00 AM | 32.2                                 | 2.7                            | 37.7                                        | 3.1                                   |
| 03/07/2024 10:00:00 AM | 32.7                                 | 2.7                            | 43.8                                        | 3.6                                   |
| 03/07/2024 11:00:00 AM | 31.7                                 | 2.6                            | 41.7                                        | 3.4                                   |
| 03/07/2024 12:00:00 PM | 31.8                                 | 2.6                            | 49.0                                        | 4.0                                   |
| 03/07/2024 01:00:00 PM | 33.6                                 | 2.8                            | 54.2                                        | 4.5                                   |
| 03/07/2024 02:00:00 PM | 33.4                                 | 2.8                            | 60.0                                        | 5.0                                   |
| 03/07/2024 03:00:00 PM | 31.8                                 | 2.6                            | 52.4                                        | 4.3                                   |
| 03/07/2024 04:00:00 PM | 31.1                                 | 2.6                            | 54.3                                        | 4.5                                   |
| 03/07/2024 05:00:00 PM | 30.8                                 | 2.5                            | 55.3                                        | 4.6                                   |
| 03/07/2024 06:00:00 PM | 30.3                                 | 2.5                            | 54.2                                        | 4.5                                   |
| 03/07/2024 07:00:00 PM | 30.5                                 | 2.5                            | 45.8                                        | 3.8                                   |
| 03/07/2024 08:00:00 PM | 30.1                                 | 2.5                            | 44.6                                        | 3.7                                   |
| 03/07/2024 09:00:00 PM | 31.2                                 | 2.6                            | 44.8                                        | 3.7                                   |
| 03/07/2024 10:00:00 PM | 31.5                                 | 2.6                            | 45.9                                        | 3.8                                   |
| 03/07/2024 11:00:00 PM | 30.3                                 | 2.5                            | 38.5                                        | 3.2                                   |
| 03/08/2024 12:00:00 AM | 29.8                                 | 2.5                            | 42.1                                        | 3.5                                   |
| 03/08/2024 01:00:00 AM | 30.5                                 | 2.5                            | 42.4                                        | 3.5                                   |
| 03/08/2024 02:00:00 AM | 30.5                                 | 2.5                            | 52.6                                        | 4.3                                   |
| 03/08/2024 03:00:00 AM | 28.5                                 | 2.4                            | 51.5                                        | 4.3                                   |
| 03/08/2024 04:00:00 AM | 28.8                                 | 2.4                            | 46.1                                        | 3.8                                   |
| 03/08/2024 05:00:00 AM | 28.7                                 | 2.4                            | 36.3                                        | 3.0                                   |
| 03/08/2024 06:00:00 AM | 29.5                                 | 2.4                            | 37.1                                        | 3.1                                   |
| 03/08/2024 07:00:00 AM | 29.3                                 | 2.4                            | 38.5                                        | 3.2                                   |
| 03/08/2024 08:00:00 AM | 29.4                                 | 2.4                            | 48.4                                        | 4.0                                   |
| 03/08/2024 09:00:00 AM | 28.6                                 | 2.4                            | 51.8                                        | 4.3                                   |
| 03/08/2024 10:00:00 AM | 27.4                                 | 2.3                            | 57.7                                        | 4.8                                   |
| 03/08/2024 11:00:00 AM | 28.7                                 | 2.4                            | 57.3                                        | 4.7                                   |



# Patterson Irrigation District

## Main River Section - Hourly Flow Averages

|       |                        |
|-------|------------------------|
| Start | 03/04/2024 12:00:00 AM |
| End   | 03/11/2024 12:00:00 AM |

Report Generated 03/11/2024 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 |
|------------------------|--------------------------------------|--------------------------------|---------------------------------------------|---------------------------------------|
| 03/08/2024 12:00:00 PM | 48.4                                 | 4.0                            | 67.0                                        | 5.5                                   |
| 03/08/2024 01:00:00 PM | 63.7                                 | 5.3                            | 77.8                                        | 6.4                                   |
| 03/08/2024 02:00:00 PM | 30.9                                 | 2.6                            | 58.1                                        | 4.8                                   |
| 03/08/2024 03:00:00 PM | 18.8                                 | 1.6                            | 38.4                                        | 3.2                                   |
| 03/08/2024 04:00:00 PM | 28.2                                 | 2.3                            | 39.7                                        | 3.3                                   |
| 03/08/2024 05:00:00 PM | 35.0                                 | 2.9                            | 49.6                                        | 4.1                                   |
| 03/08/2024 06:00:00 PM | 31.0                                 | 2.6                            | 44.5                                        | 3.7                                   |
| 03/08/2024 07:00:00 PM | 30.2                                 | 2.5                            | 42.8                                        | 3.5                                   |
| 03/08/2024 08:00:00 PM | 29.6                                 | 2.4                            | 38.0                                        | 3.1                                   |
| 03/08/2024 09:00:00 PM | 27.4                                 | 2.3                            | 38.4                                        | 3.2                                   |
| 03/08/2024 10:00:00 PM | 26.6                                 | 2.2                            | 38.0                                        | 3.1                                   |
| 03/08/2024 11:00:00 PM | 29.2                                 | 2.4                            | 41.8                                        | 3.5                                   |
| 03/09/2024 12:00:00 AM | 29.9                                 | 2.5                            | 43.2                                        | 3.6                                   |
| 03/09/2024 01:00:00 AM | 28.0                                 | 2.3                            | 44.4                                        | 3.7                                   |
| 03/09/2024 02:00:00 AM | 28.3                                 | 2.3                            | 42.2                                        | 3.5                                   |
| 03/09/2024 03:00:00 AM | 26.5                                 | 2.2                            | 42.6                                        | 3.5                                   |
| 03/09/2024 04:00:00 AM | 25.9                                 | 2.1                            | 43.4                                        | 3.6                                   |
| 03/09/2024 05:00:00 AM | 27.5                                 | 2.3                            | 41.5                                        | 3.4                                   |
| 03/09/2024 06:00:00 AM | 28.0                                 | 2.3                            | 44.1                                        | 3.6                                   |
| 03/09/2024 07:00:00 AM | 28.1                                 | 2.3                            | 43.1                                        | 3.6                                   |
| 03/09/2024 08:00:00 AM | 26.6                                 | 2.2                            | 36.9                                        | 3.0                                   |
| 03/09/2024 09:00:00 AM | 23.1                                 | 1.9                            | 37.2                                        | 3.1                                   |
| 03/09/2024 10:00:00 AM | 22.6                                 | 1.9                            | 40.4                                        | 3.3                                   |
| 03/09/2024 11:00:00 AM | 24.1                                 | 2.0                            | 36.7                                        | 3.0                                   |
| 03/09/2024 12:00:00 PM | 23.2                                 | 1.9                            | 43.7                                        | 3.6                                   |
| 03/09/2024 01:00:00 PM | 24.6                                 | 2.0                            | 48.8                                        | 4.0                                   |
| 03/09/2024 02:00:00 PM | 28.8                                 | 2.4                            | 51.3                                        | 4.2                                   |
| 03/09/2024 03:00:00 PM | 30.7                                 | 2.5                            | 52.8                                        | 4.4                                   |
| 03/09/2024 04:00:00 PM | 29.9                                 | 2.5                            | 51.9                                        | 4.3                                   |
| 03/09/2024 05:00:00 PM | 30.1                                 | 2.5                            | 50.0                                        | 4.1                                   |
| 03/09/2024 06:00:00 PM | 31.3                                 | 2.6                            | 43.2                                        | 3.6                                   |
| 03/09/2024 07:00:00 PM | 29.4                                 | 2.4                            | 40.4                                        | 3.3                                   |
| 03/09/2024 08:00:00 PM | 30.6                                 | 2.5                            | 41.0                                        | 3.4                                   |
| 03/09/2024 09:00:00 PM | 27.1                                 | 2.2                            | 41.1                                        | 3.4                                   |
| 03/09/2024 10:00:00 PM | 28.8                                 | 2.4                            | 44.6                                        | 3.7                                   |
| 03/09/2024 11:00:00 PM | 27.3                                 | 2.3                            | 42.4                                        | 3.5                                   |
| 03/10/2024 12:00:00 AM | 26.3                                 | 2.2                            | 41.1                                        | 3.4                                   |
| 03/10/2024 01:00:00 AM | 26.8                                 | 2.2                            | 39.9                                        | 3.3                                   |
| 03/10/2024 03:00:00 AM | 26.6                                 | 2.2                            | 38.4                                        | 3.2                                   |
| 03/10/2024 04:00:00 AM | 25.6                                 | 2.1                            | 39.7                                        | 3.3                                   |
| 03/10/2024 05:00:00 AM | 25.9                                 | 2.1                            | 37.7                                        | 3.1                                   |
| 03/10/2024 06:00:00 AM | 33.5                                 | 2.8                            | 48.0                                        | 4.0                                   |
| 03/10/2024 07:00:00 AM | 34.9                                 | 2.9                            | 49.3                                        | 4.1                                   |
| 03/10/2024 08:00:00 AM | 34.2                                 | 2.8                            | 48.7                                        | 4.0                                   |
| 03/10/2024 09:00:00 AM | 33.6                                 | 2.8                            | 47.6                                        | 3.9                                   |
| 03/10/2024 10:00:00 AM | 27.4                                 | 2.3                            | 45.6                                        | 3.8                                   |
| 03/10/2024 11:00:00 AM | 24.7                                 | 2.0                            | 46.8                                        | 3.9                                   |
| 03/10/2024 12:00:00 PM | 24.5                                 | 2.0                            | 45.3                                        | 3.7                                   |
| 03/10/2024 01:00:00 PM | 27.6                                 | 2.3                            | 47.9                                        | 4.0                                   |
| 03/10/2024 02:00:00 PM | 26.9                                 | 2.2                            | 44.9                                        | 3.7                                   |
| 03/10/2024 03:00:00 PM | 29.7                                 | 2.5                            | 44.1                                        | 3.6                                   |
| 03/10/2024 04:00:00 PM | 31.8                                 | 2.6                            | 45.4                                        | 3.8                                   |
| 03/10/2024 05:00:00 PM | 32.7                                 | 2.7                            | 49.4                                        | 4.1                                   |
| 03/10/2024 06:00:00 PM | 33.3                                 | 2.7                            | 45.9                                        | 3.8                                   |



# Patterson Irrigation District

## Main River Section - Hourly Flow Averages

|       |                        |
|-------|------------------------|
| Start | 03/04/2024 12:00:00 AM |
| End   | 03/11/2024 12:00:00 AM |

Report Generated 03/11/2024 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 |
|--------------------------|--------------------------------------|--------------------------------|---------------------------------------------|---------------------------------------|
| 03/10/2024 07:00:00 PM   | 31.8                                 | 2.6                            | 39.7                                        | 3.3                                   |
| 03/10/2024 08:00:00 PM   | 33.3                                 | 2.8                            | 39.5                                        | 3.3                                   |
| 03/10/2024 09:00:00 PM   | 29.6                                 | 2.4                            | 39.8                                        | 3.3                                   |
| 03/10/2024 10:00:00 PM   | 31.7                                 | 2.6                            | 38.0                                        | 3.1                                   |
| 03/10/2024 11:00:00 PM   | 30.5                                 | 2.5                            | 38.4                                        | 3.2                                   |
| Average Flow:            | 30.57                                | 421.96                         | 42.22                                       | 582.66                                |
| 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.