



# Patterson Irrigation District

## Main River Section - Hourly Flow Averages

|       |                        |
|-------|------------------------|
| Start | 07/25/2022 12:00:00 AM |
| End   | 08/01/2022 12:00:00 AM |

Report Generated 08/01/2022 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 |
|------------------------|--------------------------------------|--------------------------------|---------------------------------------------|---------------------------------------|
| 07/25/2022 12:00:00 AM | 2.6                                  | 0.2                            | 24.0                                        | 2.0                                   |
| 07/25/2022 01:00:00 AM | 3.7                                  | 0.3                            | 26.5                                        | 2.2                                   |
| 07/25/2022 02:00:00 AM | 7.6                                  | 0.6                            | 23.3                                        | 1.9                                   |
| 07/25/2022 03:00:00 AM | 7.1                                  | 0.6                            | 25.3                                        | 2.1                                   |
| 07/25/2022 04:00:00 AM | 3.6                                  | 0.3                            | 27.4                                        | 2.3                                   |
| 07/25/2022 05:00:00 AM | 0.5                                  | 0.0                            | 27.3                                        | 2.3                                   |
| 07/25/2022 06:00:00 AM | 10.4                                 | 0.9                            | 32.0                                        | 2.6                                   |
| 07/25/2022 07:00:00 AM | 15.7                                 | 1.3                            | 44.8                                        | 3.7                                   |
| 07/25/2022 08:00:00 AM | 17.3                                 | 1.4                            | 46.7                                        | 3.9                                   |
| 07/25/2022 09:00:00 AM | 18.1                                 | 1.5                            | 42.4                                        | 3.5                                   |
| 07/25/2022 10:00:00 AM | 18.6                                 | 1.5                            | 46.7                                        | 3.9                                   |
| 07/25/2022 11:00:00 AM | 19.5                                 | 1.6                            | 52.3                                        | 4.3                                   |
| 07/25/2022 12:00:00 PM | 20.1                                 | 1.7                            | 57.3                                        | 4.7                                   |
| 07/25/2022 01:00:00 PM | 20.5                                 | 1.7                            | 58.9                                        | 4.9                                   |
| 07/25/2022 02:00:00 PM | 20.5                                 | 1.7                            | 61.8                                        | 5.1                                   |
| 07/25/2022 03:00:00 PM | 21.2                                 | 1.8                            | 62.4                                        | 5.2                                   |
| 07/25/2022 04:00:00 PM | 19.1                                 | 1.6                            | 58.2                                        | 4.8                                   |
| 07/25/2022 05:00:00 PM | 18.6                                 | 1.5                            | 51.3                                        | 4.2                                   |
| 07/25/2022 06:00:00 PM | 18.6                                 | 1.5                            | 49.8                                        | 4.1                                   |
| 07/25/2022 07:00:00 PM | 18.4                                 | 1.5                            | 46.3                                        | 3.8                                   |
| 07/25/2022 08:00:00 PM | 17.7                                 | 1.5                            | 45.2                                        | 3.7                                   |
| 07/25/2022 09:00:00 PM | 15.7                                 | 1.3                            | 41.8                                        | 3.5                                   |
| 07/25/2022 10:00:00 PM | 16.2                                 | 1.3                            | 37.4                                        | 3.1                                   |
| 07/25/2022 11:00:00 PM | 15.5                                 | 1.3                            | 36.7                                        | 3.0                                   |
| 07/26/2022 12:00:00 AM | 15.1                                 | 1.2                            | 40.3                                        | 3.3                                   |
| 07/26/2022 01:00:00 AM | 15.0                                 | 1.2                            | 42.9                                        | 3.5                                   |
| 07/26/2022 02:00:00 AM | 13.8                                 | 1.1                            | 39.6                                        | 3.3                                   |
| 07/26/2022 03:00:00 AM | 11.8                                 | 1.0                            | 47.0                                        | 3.9                                   |
| 07/26/2022 04:00:00 AM | 12.0                                 | 1.0                            | 39.0                                        | 3.2                                   |
| 07/26/2022 05:00:00 AM | 12.4                                 | 1.0                            | 38.8                                        | 3.2                                   |
| 07/26/2022 06:00:00 AM | 18.0                                 | 1.5                            | 39.4                                        | 3.3                                   |
| 07/26/2022 07:00:00 AM | 18.7                                 | 1.5                            | 46.6                                        | 3.9                                   |
| 07/26/2022 08:00:00 AM | 20.4                                 | 1.7                            | 56.0                                        | 4.6                                   |
| 07/26/2022 09:00:00 AM | 24.3                                 | 2.0                            | 56.6                                        | 4.7                                   |
| 07/26/2022 10:00:00 AM | 23.8                                 | 2.0                            | 62.3                                        | 5.1                                   |
| 07/26/2022 11:00:00 AM | 24.2                                 | 2.0                            | 63.6                                        | 5.3                                   |
| 07/26/2022 12:00:00 PM | 24.4                                 | 2.0                            | 68.6                                        | 5.7                                   |
| 07/26/2022 01:00:00 PM | 23.4                                 | 1.9                            | 67.7                                        | 5.6                                   |
| 07/26/2022 02:00:00 PM | 21.2                                 | 1.8                            | 68.3                                        | 5.6                                   |
| 07/26/2022 03:00:00 PM | 19.9                                 | 1.6                            | 61.6                                        | 5.1                                   |
| 07/26/2022 04:00:00 PM | 20.6                                 | 1.7                            | 58.4                                        | 4.8                                   |
| 07/26/2022 05:00:00 PM | 18.0                                 | 1.5                            | 50.2                                        | 4.2                                   |
| 07/26/2022 06:00:00 PM | 18.1                                 | 1.5                            | 51.0                                        | 4.2                                   |
| 07/26/2022 07:00:00 PM | 15.8                                 | 1.3                            | 49.1                                        | 4.1                                   |
| 07/26/2022 08:00:00 PM | 14.6                                 | 1.2                            | 46.8                                        | 3.9                                   |
| 07/26/2022 09:00:00 PM | 15.2                                 | 1.3                            | 44.9                                        | 3.7                                   |
| 07/26/2022 10:00:00 PM | 14.7                                 | 1.2                            | 37.7                                        | 3.1                                   |
| 07/26/2022 11:00:00 PM | 14.4                                 | 1.2                            | 41.5                                        | 3.4                                   |
| 07/27/2022 12:00:00 AM | 14.7                                 | 1.2                            | 45.8                                        | 3.8                                   |
| 07/27/2022 01:00:00 AM | 12.3                                 | 1.0                            | 44.3                                        | 3.7                                   |
| 07/27/2022 02:00:00 AM | 12.6                                 | 1.0                            | 40.7                                        | 3.4                                   |
| 07/27/2022 03:00:00 AM | 10.2                                 | 0.8                            | 38.9                                        | 3.2                                   |
| 07/27/2022 04:00:00 AM | 10.8                                 | 0.9                            | 39.4                                        | 3.3                                   |
| 07/27/2022 05:00:00 AM | 11.7                                 | 1.0                            | 36.0                                        | 3.0                                   |



# Patterson Irrigation District

## Main River Section - Hourly Flow Averages

|       |                        |
|-------|------------------------|
| Start | 07/25/2022 12:00:00 AM |
| End   | 08/01/2022 12:00:00 AM |

Report Generated 08/01/2022 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 |
|------------------------|--------------------------------------|--------------------------------|---------------------------------------------|---------------------------------------|
| 07/27/2022 06:00:00 AM | 17.7                                 | 1.5                            | 37.4                                        | 3.1                                   |
| 07/27/2022 07:00:00 AM | 21.7                                 | 1.8                            | 47.0                                        | 3.9                                   |
| 07/27/2022 08:00:00 AM | 22.8                                 | 1.9                            | 54.0                                        | 4.5                                   |
| 07/27/2022 09:00:00 AM | 22.6                                 | 1.9                            | 53.5                                        | 4.4                                   |
| 07/27/2022 10:00:00 AM | 34.2                                 | 2.8                            | 56.0                                        | 4.6                                   |
| 07/27/2022 11:00:00 AM | 42.2                                 | 3.5                            | 58.1                                        | 4.8                                   |
| 07/27/2022 12:00:00 PM | 33.6                                 | 2.8                            | 57.0                                        | 4.7                                   |
| 07/27/2022 01:00:00 PM | 32.4                                 | 2.7                            | 59.6                                        | 4.9                                   |
| 07/27/2022 02:00:00 PM | 28.3                                 | 2.3                            | 58.1                                        | 4.8                                   |
| 07/27/2022 03:00:00 PM | 28.9                                 | 2.4                            | 58.5                                        | 4.8                                   |
| 07/27/2022 04:00:00 PM | 29.7                                 | 2.5                            | 57.8                                        | 4.8                                   |
| 07/27/2022 05:00:00 PM | 29.2                                 | 2.4                            | 50.6                                        | 4.2                                   |
| 07/27/2022 06:00:00 PM | 31.4                                 | 2.6                            | 49.9                                        | 4.1                                   |
| 07/27/2022 07:00:00 PM | 27.9                                 | 2.3                            | 44.8                                        | 3.7                                   |
| 07/27/2022 08:00:00 PM | 28.4                                 | 2.3                            | 45.4                                        | 3.8                                   |
| 07/27/2022 09:00:00 PM | 29.0                                 | 2.4                            | 38.3                                        | 3.2                                   |
| 07/27/2022 10:00:00 PM | 26.8                                 | 2.2                            | 31.0                                        | 2.6                                   |
| 07/27/2022 11:00:00 PM | 21.7                                 | 1.8                            | 28.0                                        | 2.3                                   |
| 07/28/2022 12:00:00 AM | 20.2                                 | 1.7                            | 28.3                                        | 2.3                                   |
| 07/28/2022 01:00:00 AM | 20.2                                 | 1.7                            | 31.8                                        | 2.6                                   |
| 07/28/2022 02:00:00 AM | 21.5                                 | 1.8                            | 34.2                                        | 2.8                                   |
| 07/28/2022 03:00:00 AM | 21.8                                 | 1.8                            | 27.4                                        | 2.3                                   |
| 07/28/2022 04:00:00 AM | 20.1                                 | 1.7                            | 28.0                                        | 2.3                                   |
| 07/28/2022 05:00:00 AM | 21.9                                 | 1.8                            | 35.2                                        | 2.9                                   |
| 07/28/2022 06:00:00 AM | 32.5                                 | 2.7                            | 38.9                                        | 3.2                                   |
| 07/28/2022 07:00:00 AM | 38.3                                 | 3.2                            | 47.2                                        | 3.9                                   |
| 07/28/2022 08:00:00 AM | 45.4                                 | 3.8                            | 56.1                                        | 4.6                                   |
| 07/28/2022 09:00:00 AM | 49.0                                 | 4.0                            | 59.9                                        | 4.9                                   |
| 07/28/2022 10:00:00 AM | 51.7                                 | 4.3                            | 58.9                                        | 4.9                                   |
| 07/28/2022 11:00:00 AM | 50.8                                 | 4.2                            | 64.7                                        | 5.3                                   |
| 07/28/2022 12:00:00 PM | 47.1                                 | 3.9                            | 65.2                                        | 5.4                                   |
| 07/28/2022 01:00:00 PM | 48.0                                 | 4.0                            | 62.6                                        | 5.2                                   |
| 07/28/2022 02:00:00 PM | 49.7                                 | 4.1                            | 65.4                                        | 5.4                                   |
| 07/28/2022 03:00:00 PM | 47.6                                 | 3.9                            | 63.6                                        | 5.3                                   |
| 07/28/2022 04:00:00 PM | 47.6                                 | 3.9                            | 57.8                                        | 4.8                                   |
| 07/28/2022 05:00:00 PM | 46.4                                 | 3.8                            | 56.6                                        | 4.7                                   |
| 07/28/2022 06:00:00 PM | 41.5                                 | 3.4                            | 49.7                                        | 4.1                                   |
| 07/28/2022 07:00:00 PM | 40.9                                 | 3.4                            | 55.4                                        | 4.6                                   |
| 07/28/2022 08:00:00 PM | 38.5                                 | 3.2                            | 48.7                                        | 4.0                                   |
| 07/28/2022 09:00:00 PM | 38.6                                 | 3.2                            | 42.6                                        | 3.5                                   |
| 07/28/2022 10:00:00 PM | 37.3                                 | 3.1                            | 41.2                                        | 3.4                                   |
| 07/28/2022 11:00:00 PM | 34.8                                 | 2.9                            | 36.9                                        | 3.0                                   |
| 07/29/2022 12:00:00 AM | 33.1                                 | 2.7                            | 37.3                                        | 3.1                                   |
| 07/29/2022 01:00:00 AM | 32.0                                 | 2.6                            | 37.7                                        | 3.1                                   |
| 07/29/2022 02:00:00 AM | 33.4                                 | 2.8                            | 37.1                                        | 3.1                                   |
| 07/29/2022 03:00:00 AM | 30.3                                 | 2.5                            | 40.8                                        | 3.4                                   |
| 07/29/2022 04:00:00 AM | 28.0                                 | 2.3                            | 45.7                                        | 3.8                                   |
| 07/29/2022 05:00:00 AM | 30.5                                 | 2.5                            | 43.1                                        | 3.6                                   |
| 07/29/2022 06:00:00 AM | 32.7                                 | 2.7                            | 43.4                                        | 3.6                                   |
| 07/29/2022 07:00:00 AM | 32.4                                 | 2.7                            | 45.6                                        | 3.8                                   |
| 07/29/2022 08:00:00 AM | 34.6                                 | 2.9                            | 48.0                                        | 4.0                                   |
| 07/29/2022 09:00:00 AM | 33.9                                 | 2.8                            | 51.0                                        | 4.2                                   |
| 07/29/2022 10:00:00 AM | 38.2                                 | 3.2                            | 53.2                                        | 4.4                                   |
| 07/29/2022 11:00:00 AM | 35.3                                 | 2.9                            | 56.3                                        | 4.7                                   |



# Patterson Irrigation District

## Main River Section - Hourly Flow Averages

|       |                        |
|-------|------------------------|
| Start | 07/25/2022 12:00:00 AM |
| End   | 08/01/2022 12:00:00 AM |

Report Generated 08/01/2022 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 |
|------------------------|--------------------------------------|--------------------------------|---------------------------------------------|---------------------------------------|
| 07/29/2022 12:00:00 PM | 33.9                                 | 2.8                            | 55.6                                        | 4.6                                   |
| 07/29/2022 01:00:00 PM | 35.0                                 | 2.9                            | 57.8                                        | 4.8                                   |
| 07/29/2022 02:00:00 PM | 34.6                                 | 2.9                            | 58.5                                        | 4.8                                   |
| 07/29/2022 03:00:00 PM | 37.8                                 | 3.1                            | 58.0                                        | 4.8                                   |
| 07/29/2022 04:00:00 PM | 37.4                                 | 3.1                            | 56.7                                        | 4.7                                   |
| 07/29/2022 05:00:00 PM | 36.6                                 | 3.0                            | 56.2                                        | 4.6                                   |
| 07/29/2022 06:00:00 PM | 33.9                                 | 2.8                            | 51.0                                        | 4.2                                   |
| 07/29/2022 07:00:00 PM | 35.7                                 | 3.0                            | 45.6                                        | 3.8                                   |
| 07/29/2022 08:00:00 PM | 31.0                                 | 2.6                            | 43.7                                        | 3.6                                   |
| 07/29/2022 09:00:00 PM | 32.4                                 | 2.7                            | 42.6                                        | 3.5                                   |
| 07/29/2022 10:00:00 PM | 32.4                                 | 2.7                            | 38.2                                        | 3.2                                   |
| 07/29/2022 11:00:00 PM | 31.8                                 | 2.6                            | 42.5                                        | 3.5                                   |
| 07/30/2022 12:00:00 AM | 29.2                                 | 2.4                            | 41.3                                        | 3.4                                   |
| 07/30/2022 01:00:00 AM | 28.6                                 | 2.4                            | 42.0                                        | 3.5                                   |
| 07/30/2022 02:00:00 AM | 25.8                                 | 2.1                            | 45.1                                        | 3.7                                   |
| 07/30/2022 03:00:00 AM | 28.6                                 | 2.4                            | 41.2                                        | 3.4                                   |
| 07/30/2022 04:00:00 AM | 31.3                                 | 2.6                            | 34.7                                        | 2.9                                   |
| 07/30/2022 05:00:00 AM | 24.3                                 | 2.0                            | 39.0                                        | 3.2                                   |
| 07/30/2022 06:00:00 AM | 26.1                                 | 2.2                            | 42.5                                        | 3.5                                   |
| 07/30/2022 07:00:00 AM | 22.7                                 | 1.9                            | 45.3                                        | 3.7                                   |
| 07/30/2022 08:00:00 AM | 25.6                                 | 2.1                            | 45.7                                        | 3.8                                   |
| 07/30/2022 09:00:00 AM | 26.8                                 | 2.2                            | 44.9                                        | 3.7                                   |
| 07/30/2022 10:00:00 AM | 26.4                                 | 2.2                            | 46.9                                        | 3.9                                   |
| 07/30/2022 11:00:00 AM | 27.1                                 | 2.2                            | 47.1                                        | 3.9                                   |
| 07/30/2022 12:00:00 PM | 27.9                                 | 2.3                            | 46.9                                        | 3.9                                   |
| 07/30/2022 01:00:00 PM | 27.1                                 | 2.2                            | 45.5                                        | 3.8                                   |
| 07/30/2022 02:00:00 PM | 28.3                                 | 2.3                            | 46.3                                        | 3.8                                   |
| 07/30/2022 03:00:00 PM | 30.1                                 | 2.5                            | 45.8                                        | 3.8                                   |
| 07/30/2022 04:00:00 PM | 28.6                                 | 2.4                            | 44.5                                        | 3.7                                   |
| 07/30/2022 05:00:00 PM | 28.5                                 | 2.4                            | 45.4                                        | 3.8                                   |
| 07/30/2022 06:00:00 PM | 22.7                                 | 1.9                            | 49.8                                        | 4.1                                   |
| 07/30/2022 07:00:00 PM | 26.4                                 | 2.2                            | 46.7                                        | 3.9                                   |
| 07/30/2022 08:00:00 PM | 25.0                                 | 2.1                            | 45.6                                        | 3.8                                   |
| 07/30/2022 09:00:00 PM | 24.1                                 | 2.0                            | 45.2                                        | 3.7                                   |
| 07/30/2022 10:00:00 PM | 26.4                                 | 2.2                            | 40.5                                        | 3.3                                   |
| 07/30/2022 11:00:00 PM | 27.5                                 | 2.3                            | 35.7                                        | 2.9                                   |
| 07/31/2022 12:00:00 AM | 26.9                                 | 2.2                            | 33.7                                        | 2.8                                   |
| 07/31/2022 01:00:00 AM | 23.8                                 | 2.0                            | 35.3                                        | 2.9                                   |
| 07/31/2022 02:00:00 AM | 19.4                                 | 1.6                            | 32.0                                        | 2.6                                   |
| 07/31/2022 03:00:00 AM | 17.0                                 | 1.4                            | 37.0                                        | 3.1                                   |
| 07/31/2022 04:00:00 AM | 13.9                                 | 1.1                            | 38.8                                        | 3.2                                   |
| 07/31/2022 05:00:00 AM | 15.0                                 | 1.2                            | 43.1                                        | 3.6                                   |
| 07/31/2022 06:00:00 AM | 19.9                                 | 1.6                            | 39.1                                        | 3.2                                   |
| 07/31/2022 07:00:00 AM | 28.1                                 | 2.3                            | 36.5                                        | 3.0                                   |
| 07/31/2022 08:00:00 AM | 31.2                                 | 2.6                            | 44.1                                        | 3.6                                   |
| 07/31/2022 09:00:00 AM | 33.1                                 | 2.7                            | 40.2                                        | 3.3                                   |
| 07/31/2022 10:00:00 AM | 32.0                                 | 2.6                            | 39.5                                        | 3.3                                   |
| 07/31/2022 11:00:00 AM | 32.8                                 | 2.7                            | 45.1                                        | 3.7                                   |
| 07/31/2022 12:00:00 PM | 33.7                                 | 2.8                            | 49.8                                        | 4.1                                   |
| 07/31/2022 01:00:00 PM | 33.4                                 | 2.8                            | 52.8                                        | 4.4                                   |
| 07/31/2022 02:00:00 PM | 34.8                                 | 2.9                            | 58.1                                        | 4.8                                   |
| 07/31/2022 03:00:00 PM | 35.0                                 | 2.9                            | 57.3                                        | 4.7                                   |
| 07/31/2022 04:00:00 PM | 31.9                                 | 2.6                            | 53.7                                        | 4.4                                   |
| 07/31/2022 05:00:00 PM | 33.7                                 | 2.8                            | 54.3                                        | 4.5                                   |



# Patterson Irrigation District

## Main River Section - Hourly Flow Averages

|              |                               |
|--------------|-------------------------------|
| <b>Start</b> | <b>07/25/2022 12:00:00 AM</b> |
| <b>End</b>   | <b>08/01/2022 12:00:00 AM</b> |

Report Generated 08/01/2022 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 |
|--------------------------|--------------------------------------|--------------------------------|---------------------------------------------|---------------------------------------|
| 07/31/2022 06:00:00 PM   | 34.2                                 | 2.8                            | 51.6                                        | 4.3                                   |
| 07/31/2022 07:00:00 PM   | 30.9                                 | 2.6                            | 46.6                                        | 3.9                                   |
| 07/31/2022 08:00:00 PM   | 30.1                                 | 2.5                            | 44.9                                        | 3.7                                   |
| 07/31/2022 09:00:00 PM   | 27.0                                 | 2.2                            | 43.8                                        | 3.6                                   |
| 07/31/2022 10:00:00 PM   | 24.5                                 | 2.0                            | 37.0                                        | 3.1                                   |
| 07/31/2022 11:00:00 PM   | 26.8                                 | 2.2                            | 35.2                                        | 2.9                                   |
| Average Flow:            | 26.13                                | 362.81                         | 46.31                                       | 642.93                                |
| 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.