



# Patterson Irrigation District

## Main River Section - Hourly Flow Averages

|       |                        |
|-------|------------------------|
| Start | 12/26/2022 12:00:00 AM |
| End   | 01/02/2023 12:00:00 AM |

Report Generated 01/02/2023 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 |
|------------------------|--------------------------------------|--------------------------------|---------------------------------------------|---------------------------------------|
| 12/26/2022 12:00:00 AM | 17.0                                 | 1.4                            | 0                                           | -                                     |
| 12/26/2022 01:00:00 AM | 12.8                                 | 1.1                            | 0                                           | -                                     |
| 12/26/2022 02:00:00 AM | 17.5                                 | 1.4                            | 0                                           | -                                     |
| 12/26/2022 03:00:00 AM | 10.7                                 | 0.9                            | 0                                           | -                                     |
| 12/26/2022 04:00:00 AM | 7.0                                  | 0.6                            | 0                                           | -                                     |
| 12/26/2022 05:00:00 AM | 4.3                                  | 0.4                            | 0                                           | -                                     |
| 12/26/2022 06:00:00 AM | 13.2                                 | 1.1                            | 0                                           | -                                     |
| 12/26/2022 07:00:00 AM | 9.4                                  | 0.8                            | 0                                           | -                                     |
| 12/26/2022 08:00:00 AM | 1.5                                  | 0.1                            | 1,000,000.0                                 | 82,644.6                              |
| 12/26/2022 09:00:00 AM | 13.8                                 | 1.1                            | 1,000,000.0                                 | 82,644.6                              |
| 12/26/2022 10:00:00 AM | 14.7                                 | 1.2                            | 0                                           | -                                     |
| 12/26/2022 11:00:00 AM | 8.0                                  | 0.7                            | 0                                           | -                                     |
| 12/26/2022 12:00:00 PM | 11.6                                 | 1.0                            | 0                                           | -                                     |
| 12/26/2022 01:00:00 PM | 9.2                                  | 0.8                            | 0                                           | -                                     |
| 12/26/2022 02:00:00 PM | 21.4                                 | 1.8                            | 0                                           | -                                     |
| 12/26/2022 03:00:00 PM | 21.0                                 | 1.7                            | 0                                           | -                                     |
| 12/26/2022 04:00:00 PM | 18.1                                 | 1.5                            | 0                                           | -                                     |
| 12/26/2022 05:00:00 PM | 19.5                                 | 1.6                            | 0                                           | -                                     |
| 12/26/2022 06:00:00 PM | 19.4                                 | 1.6                            | 0                                           | -                                     |
| 12/26/2022 07:00:00 PM | 15.5                                 | 1.3                            | 1,000,000.0                                 | 82,644.6                              |
| 12/26/2022 08:00:00 PM | 15.8                                 | 1.3                            | 0                                           | -                                     |
| 12/26/2022 09:00:00 PM | 9.3                                  | 0.8                            | 0                                           | -                                     |
| 12/26/2022 10:00:00 PM | 11.2                                 | 0.9                            | 0                                           | -                                     |
| 12/26/2022 11:00:00 PM | 10.9                                 | 0.9                            | 0                                           | -                                     |
| 12/27/2022 12:00:00 AM | 18.7                                 | 1.5                            | 0                                           | -                                     |
| 12/27/2022 01:00:00 AM | 18.0                                 | 1.5                            | 0                                           | -                                     |
| 12/27/2022 02:00:00 AM | 20.7                                 | 1.7                            | 0                                           | -                                     |
| 12/27/2022 03:00:00 AM | 21.0                                 | 1.7                            | 0                                           | -                                     |
| 12/27/2022 04:00:00 AM | 20.6                                 | 1.7                            | 0                                           | -                                     |
| 12/27/2022 05:00:00 AM | 19.9                                 | 1.6                            | 0                                           | -                                     |
| 12/27/2022 06:00:00 AM | 22.3                                 | 1.8                            | 0                                           | -                                     |
| 12/27/2022 07:00:00 AM | 19.3                                 | 1.6                            | 0                                           | -                                     |
| 12/27/2022 08:00:00 AM | 20.3                                 | 1.7                            | 0                                           | -                                     |
| 12/27/2022 09:00:00 AM | 18.5                                 | 1.5                            | 0                                           | -                                     |
| 12/27/2022 10:00:00 AM | 12.1                                 | 1.0                            | 1,000,000.0                                 | 82,644.6                              |
| 12/27/2022 11:00:00 AM | 10.4                                 | 0.9                            | 1,000,000.0                                 | 82,644.6                              |
| 12/27/2022 12:00:00 PM | 19.8                                 | 1.6                            | 1,000,000.0                                 | 82,644.6                              |
| 12/27/2022 01:00:00 PM | 26.5                                 | 2.2                            | 0                                           | -                                     |
| 12/27/2022 02:00:00 PM | 27.7                                 | 2.3                            | 0                                           | -                                     |
| 12/27/2022 03:00:00 PM | 29.2                                 | 2.4                            | 0                                           | -                                     |
| 12/27/2022 04:00:00 PM | 27.3                                 | 2.3                            | 0                                           | -                                     |
| 12/27/2022 05:00:00 PM | 32.4                                 | 2.7                            | 0                                           | -                                     |
| 12/27/2022 06:00:00 PM | 33.1                                 | 2.7                            | 0                                           | -                                     |
| 12/27/2022 07:00:00 PM | 30.2                                 | 2.5                            | 0                                           | -                                     |
| 12/27/2022 08:00:00 PM | 30.6                                 | 2.5                            | 0                                           | -                                     |
| 12/27/2022 09:00:00 PM | 30.5                                 | 2.5                            | 0                                           | -                                     |
| 12/27/2022 10:00:00 PM | 32.1                                 | 2.7                            | 0                                           | -                                     |
| 12/27/2022 11:00:00 PM | 28.5                                 | 2.4                            | 0                                           | -                                     |
| 12/28/2022 12:00:00 AM | 30.7                                 | 2.5                            | 0                                           | -                                     |
| 12/28/2022 01:00:00 AM | 30.8                                 | 2.5                            | 0                                           | -                                     |
| 12/28/2022 02:00:00 AM | 33.7                                 | 2.8                            | 0                                           | -                                     |
| 12/28/2022 03:00:00 AM | 23.0                                 | 1.9                            | 0                                           | -                                     |
| 12/28/2022 04:00:00 AM | 22.1                                 | 1.8                            | 0                                           | -                                     |
| 12/28/2022 05:00:00 AM | 21.8                                 | 1.8                            | 0                                           | -                                     |



# Patterson Irrigation District

## Main River Section - Hourly Flow Averages

|       |                        |
|-------|------------------------|
| Start | 12/26/2022 12:00:00 AM |
| End   | 01/02/2023 12:00:00 AM |

Report Generated 01/02/2023 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 |
|------------------------|--------------------------------------|--------------------------------|---------------------------------------------|---------------------------------------|
| 12/28/2022 06:00:00 AM | 25.1                                 | 2.1                            | 0                                           | -                                     |
| 12/28/2022 07:00:00 AM | 17.2                                 | 1.4                            | 1,000,000.0                                 | 82,644.6                              |
| 12/28/2022 08:00:00 AM | 24.7                                 | 2.0                            | 0                                           | -                                     |
| 12/28/2022 09:00:00 AM | 19.3                                 | 1.6                            | 1,000,000.0                                 | 82,644.6                              |
| 12/28/2022 10:00:00 AM | 17.6                                 | 1.5                            | 1,000,000.0                                 | 82,644.6                              |
| 12/28/2022 11:00:00 AM | 22.8                                 | 1.9                            | 0                                           | -                                     |
| 12/28/2022 12:00:00 PM | 28.2                                 | 2.3                            | 1,000,000.0                                 | 82,644.6                              |
| 12/28/2022 01:00:00 PM | 27.2                                 | 2.2                            | 1,000,000.0                                 | 82,644.6                              |
| 12/28/2022 02:00:00 PM | 36.8                                 | 3.0                            | 0                                           | -                                     |
| 12/28/2022 03:00:00 PM | 31.6                                 | 2.6                            | 1,000,000.0                                 | 82,644.6                              |
| 12/28/2022 04:00:00 PM | 24.9                                 | 2.1                            | 0                                           | -                                     |
| 12/28/2022 05:00:00 PM | 25.9                                 | 2.1                            | 0                                           | -                                     |
| 12/28/2022 06:00:00 PM | 29.7                                 | 2.5                            | 0                                           | -                                     |
| 12/28/2022 07:00:00 PM | 27.2                                 | 2.2                            | 0                                           | -                                     |
| 12/28/2022 08:00:00 PM | 23.0                                 | 1.9                            | 0                                           | -                                     |
| 12/28/2022 09:00:00 PM | 29.7                                 | 2.5                            | 0                                           | -                                     |
| 12/28/2022 10:00:00 PM | 32.6                                 | 2.7                            | 0                                           | -                                     |
| 12/28/2022 11:00:00 PM | 27.1                                 | 2.2                            | 0                                           | -                                     |
| 12/29/2022 12:00:00 AM | 29.2                                 | 2.4                            | 0                                           | -                                     |
| 12/29/2022 01:00:00 AM | 31.2                                 | 2.6                            | 0                                           | -                                     |
| 12/29/2022 02:00:00 AM | 31.5                                 | 2.6                            | 0                                           | -                                     |
| 12/29/2022 03:00:00 AM | 32.5                                 | 2.7                            | 0                                           | -                                     |
| 12/29/2022 04:00:00 AM | 32.6                                 | 2.7                            | 0                                           | -                                     |
| 12/29/2022 05:00:00 AM | 33.0                                 | 2.7                            | 0                                           | -                                     |
| 12/29/2022 06:00:00 AM | 34.8                                 | 2.9                            | 0                                           | -                                     |
| 12/29/2022 07:00:00 AM | 31.2                                 | 2.6                            | 0                                           | -                                     |
| 12/29/2022 08:00:00 AM | 29.9                                 | 2.5                            | 0                                           | -                                     |
| 12/29/2022 09:00:00 AM | 30.6                                 | 2.5                            | 0                                           | -                                     |
| 12/29/2022 10:00:00 AM | 32.7                                 | 2.7                            | 0                                           | -                                     |
| 12/29/2022 11:00:00 AM | 34.0                                 | 2.8                            | 0                                           | -                                     |
| 12/29/2022 12:00:00 PM | 35.3                                 | 2.9                            | 0                                           | -                                     |
| 12/29/2022 01:00:00 PM | 26.5                                 | 2.2                            | 0                                           | -                                     |
| 12/29/2022 02:00:00 PM | 31.8                                 | 2.6                            | 1,000,000.0                                 | 82,644.6                              |
| 12/29/2022 03:00:00 PM | 26.4                                 | 2.2                            | 0                                           | -                                     |
| 12/29/2022 04:00:00 PM | 30.6                                 | 2.5                            | 0                                           | -                                     |
| 12/29/2022 05:00:00 PM | 27.4                                 | 2.3                            | 0                                           | -                                     |
| 12/29/2022 06:00:00 PM | 25.1                                 | 2.1                            | 0                                           | -                                     |
| 12/29/2022 07:00:00 PM | 25.4                                 | 2.1                            | 0                                           | -                                     |
| 12/29/2022 08:00:00 PM | 23.7                                 | 2.0                            | 0                                           | -                                     |
| 12/29/2022 09:00:00 PM | 22.0                                 | 1.8                            | 0                                           | -                                     |
| 12/29/2022 10:00:00 PM | 28.3                                 | 2.3                            | 0                                           | -                                     |
| 12/29/2022 11:00:00 PM | 28.0                                 | 2.3                            | 0                                           | -                                     |
| 12/30/2022 12:00:00 AM | 27.4                                 | 2.3                            | 0                                           | -                                     |
| 12/30/2022 01:00:00 AM | 26.8                                 | 2.2                            | 0                                           | -                                     |
| 12/30/2022 02:00:00 AM | 24.8                                 | 2.1                            | 0                                           | -                                     |
| 12/30/2022 03:00:00 AM | 17.7                                 | 1.5                            | 0                                           | -                                     |
| 12/30/2022 04:00:00 AM | 18.1                                 | 1.5                            | 0                                           | -                                     |
| 12/30/2022 05:00:00 AM | 20.1                                 | 1.7                            | 0                                           | -                                     |
| 12/30/2022 06:00:00 AM | 23.6                                 | 2.0                            | 0                                           | -                                     |
| 12/30/2022 07:00:00 AM | 18.1                                 | 1.5                            | 0                                           | -                                     |
| 12/30/2022 08:00:00 AM | 19.1                                 | 1.6                            | 0                                           | -                                     |
| 12/30/2022 09:00:00 AM | 29.3                                 | 2.4                            | 0                                           | -                                     |
| 12/30/2022 10:00:00 AM | 28.7                                 | 2.4                            | 1,000,000.0                                 | 82,644.6                              |
| 12/30/2022 11:00:00 AM | 26.9                                 | 2.2                            | 1,000,000.0                                 | 82,644.6                              |



# Patterson Irrigation District

## Main River Section - Hourly Flow Averages

|       |                        |
|-------|------------------------|
| Start | 12/26/2022 12:00:00 AM |
| End   | 01/02/2023 12:00:00 AM |

Report Generated 01/02/2023 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 |
|------------------------|--------------------------------------|--------------------------------|---------------------------------------------|---------------------------------------|
| 12/30/2022 12:00:00 PM | 24.6                                 | 2.0                            | 0                                           | -                                     |
| 12/30/2022 01:00:00 PM | 23.1                                 | 1.9                            | 0                                           | -                                     |
| 12/30/2022 02:00:00 PM | 28.8                                 | 2.4                            | 1,000,000.0                                 | 82,644.6                              |
| 12/30/2022 03:00:00 PM | 30.8                                 | 2.5                            | 0                                           | -                                     |
| 12/30/2022 04:00:00 PM | 29.0                                 | 2.4                            | 0                                           | -                                     |
| 12/30/2022 05:00:00 PM | 25.5                                 | 2.1                            | 0                                           | -                                     |
| 12/30/2022 06:00:00 PM | 25.2                                 | 2.1                            | 0                                           | -                                     |
| 12/30/2022 07:00:00 PM | 27.3                                 | 2.3                            | 0                                           | -                                     |
| 12/30/2022 08:00:00 PM | 26.3                                 | 2.2                            | 0                                           | -                                     |
| 12/30/2022 09:00:00 PM | 26.0                                 | 2.2                            | 0                                           | -                                     |
| 12/30/2022 10:00:00 PM | 29.6                                 | 2.4                            | 0                                           | -                                     |
| 12/30/2022 11:00:00 PM | 31.1                                 | 2.6                            | 0                                           | -                                     |
| 12/31/2022 12:00:00 AM | 32.1                                 | 2.7                            | 0                                           | -                                     |
| 12/31/2022 01:00:00 AM | 29.5                                 | 2.4                            | 0                                           | -                                     |
| 12/31/2022 02:00:00 AM | 27.8                                 | 2.3                            | 0                                           | -                                     |
| 12/31/2022 03:00:00 AM | 25.9                                 | 2.1                            | 0                                           | -                                     |
| 12/31/2022 04:00:00 AM | 27.0                                 | 2.2                            | 0                                           | -                                     |
| 12/31/2022 05:00:00 AM | 29.3                                 | 2.4                            | 0                                           | -                                     |
| 12/31/2022 06:00:00 AM | 26.4                                 | 2.2                            | 0                                           | -                                     |
| 12/31/2022 07:00:00 AM | 23.4                                 | 1.9                            | 0                                           | -                                     |
| 12/31/2022 08:00:00 AM | 28.2                                 | 2.3                            | 0                                           | -                                     |
| 12/31/2022 09:00:00 AM | 31.8                                 | 2.6                            | 0                                           | -                                     |
| 12/31/2022 10:00:00 AM | 31.4                                 | 2.6                            | 0                                           | -                                     |
| 12/31/2022 11:00:00 AM | 30.9                                 | 2.6                            | 0                                           | -                                     |
| 12/31/2022 12:00:00 PM | 36.2                                 | 3.0                            | 0                                           | -                                     |
| 12/31/2022 01:00:00 PM | 33.6                                 | 2.8                            | 0                                           | -                                     |
| 12/31/2022 02:00:00 PM | 36.8                                 | 3.0                            | 0                                           | -                                     |
| 12/31/2022 03:00:00 PM | 33.0                                 | 2.7                            | 0                                           | -                                     |
| 12/31/2022 04:00:00 PM | 27.7                                 | 2.3                            | 1,000,000.0                                 | 82,644.6                              |
| 12/31/2022 05:00:00 PM | 24.7                                 | 2.0                            | 1,000,000.0                                 | 82,644.6                              |
| 12/31/2022 06:00:00 PM | 29.1                                 | 2.4                            | 1,000,000.0                                 | 82,644.6                              |
| 12/31/2022 07:00:00 PM | 30.0                                 | 2.5                            | 0                                           | -                                     |
| 12/31/2022 08:00:00 PM | 32.3                                 | 2.7                            | 0                                           | -                                     |
| 12/31/2022 09:00:00 PM | 31.8                                 | 2.6                            | 0                                           | -                                     |
| 12/31/2022 10:00:00 PM | 32.0                                 | 2.6                            | 0                                           | -                                     |
| 12/31/2022 11:00:00 PM | 30.7                                 | 2.5                            | 0                                           | -                                     |
| 01/01/2023 12:00:00 AM | 38.3                                 | 3.2                            | 0                                           | -                                     |
| 01/01/2023 01:00:00 AM | 37.1                                 | 3.1                            | 0                                           | -                                     |
| 01/01/2023 02:00:00 AM | 37.2                                 | 3.1                            | 0                                           | -                                     |
| 01/01/2023 03:00:00 AM | 34.8                                 | 2.9                            | 0                                           | -                                     |
| 01/01/2023 04:00:00 AM | 35.6                                 | 2.9                            | 0                                           | -                                     |
| 01/01/2023 05:00:00 AM | 35.0                                 | 2.9                            | 0                                           | -                                     |
| 01/01/2023 06:00:00 AM | 35.2                                 | 2.9                            | 0                                           | -                                     |
| 01/01/2023 07:00:00 AM | 34.0                                 | 2.8                            | 0                                           | -                                     |
| 01/01/2023 08:00:00 AM | 32.5                                 | 2.7                            | 0                                           | -                                     |
| 01/01/2023 09:00:00 AM | 39.9                                 | 3.3                            | 0                                           | -                                     |
| 01/01/2023 10:00:00 AM | 35.0                                 | 2.9                            | 848,562.6                                   | 70,129.1                              |
| 01/01/2023 11:00:00 AM | 23.0                                 | 1.9                            | 1,000,000.0                                 | 82,644.6                              |
| 01/01/2023 12:00:00 PM | 33.8                                 | 2.8                            | 1,000,000.0                                 | 82,644.6                              |
| 01/01/2023 01:00:00 PM | 28.9                                 | 2.4                            | 0                                           | -                                     |
| 01/01/2023 02:00:00 PM | 31.9                                 | 2.6                            | 0                                           | -                                     |
| 01/01/2023 03:00:00 PM | 35.0                                 | 2.9                            | 0                                           | -                                     |
| 01/01/2023 04:00:00 PM | 36.9                                 | 3.1                            | 1,000,000.0                                 | 82,644.6                              |
| 01/01/2023 05:00:00 PM | 35.2                                 | 2.9                            | 0                                           | -                                     |



# Patterson Irrigation District

## Main River Section - Hourly Flow Averages

|       |                        |
|-------|------------------------|
| Start | 12/26/2022 12:00:00 AM |
| End   | 01/02/2023 12:00:00 AM |

Report Generated 01/02/2023 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 |
|--------------------------|--------------------------------------|--------------------------------|---------------------------------------------|---------------------------------------|
| 01/01/2023 06:00:00 PM   | 37.1                                 | 3.1                            | 0                                           | -                                     |
| 01/01/2023 07:00:00 PM   | 29.5                                 | 2.4                            | 0                                           | -                                     |
| 01/01/2023 08:00:00 PM   | 33.6                                 | 2.8                            | 0                                           | -                                     |
| 01/01/2023 09:00:00 PM   | 36.0                                 | 3.0                            | 0                                           | -                                     |
| 01/01/2023 10:00:00 PM   | 32.6                                 | 2.7                            | 0                                           | -                                     |
| 01/01/2023 11:00:00 PM   | 33.1                                 | 2.7                            | 0                                           | -                                     |
| Average Flow:            | 26.07                                | 361.99                         | 993,415.77                                  | 1,888,310.96                          |
| 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.