



Patterson Irrigation District

Main River Section - Hourly Flow Averages

Start	03/18/2024 12:00:00 AM
End	03/25/2024 12:00:00 AM

Report Generated 03/25/2024 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
03/18/2024 12:00:00 AM	24.2	2.0	27.7	2.3
03/18/2024 01:00:00 AM	22.3	1.8	28.0	2.3
03/18/2024 02:00:00 AM	22.2	1.8	26.9	2.2
03/18/2024 03:00:00 AM	23.4	1.9	26.1	2.2
03/18/2024 04:00:00 AM	24.4	2.0	28.0	2.3
03/18/2024 05:00:00 AM	25.1	2.1	29.9	2.5
03/18/2024 06:00:00 AM	24.4	2.0	27.6	2.3
03/18/2024 07:00:00 AM	28.9	2.4	34.9	2.9
03/18/2024 08:00:00 AM	30.5	2.5	42.5	3.5
03/18/2024 09:00:00 AM	34.4	2.8	48.0	4.0
03/18/2024 10:00:00 AM	35.0	2.9	51.1	4.2
03/18/2024 11:00:00 AM	39.2	3.2	56.4	4.7
03/18/2024 12:00:00 PM	34.5	2.9	55.3	4.6
03/18/2024 01:00:00 PM	37.6	3.1	55.3	4.6
03/18/2024 02:00:00 PM	33.3	2.8	55.1	4.6
03/18/2024 03:00:00 PM	33.6	2.8	52.0	4.3
03/18/2024 04:00:00 PM	39.4	3.3	55.4	4.6
03/18/2024 05:00:00 PM	40.2	3.3	60.8	5.0
03/18/2024 06:00:00 PM	42.7	3.5	57.4	4.7
03/18/2024 07:00:00 PM	46.1	3.8	51.3	4.2
03/18/2024 08:00:00 PM	42.0	3.5	47.9	4.0
03/18/2024 09:00:00 PM	26.3	2.2	26.2	2.2
03/18/2024 10:00:00 PM	47.5	3.9	59.1	4.9
03/18/2024 11:00:00 PM	42.5	3.5	58.8	4.9
03/19/2024 12:00:00 AM	30.1	2.5	40.0	3.3
03/19/2024 01:00:00 AM	36.0	3.0	47.0	3.9
03/19/2024 02:00:00 AM	40.9	3.4	54.7	4.5
03/19/2024 03:00:00 AM	33.2	2.7	47.4	3.9
03/19/2024 04:00:00 AM	34.9	2.9	47.9	4.0
03/19/2024 05:00:00 AM	37.6	3.1	52.2	4.3
03/19/2024 06:00:00 AM	36.4	3.0	49.9	4.1
03/19/2024 07:00:00 AM	41.9	3.5	56.4	4.7
03/19/2024 08:00:00 AM	50.4	4.2	67.0	5.5
03/19/2024 09:00:00 AM	52.0	4.3	66.8	5.5
03/19/2024 10:00:00 AM	50.7	4.2	68.0	5.6
03/19/2024 11:00:00 AM	50.0	4.1	67.4	5.6
03/19/2024 12:00:00 PM	53.0	4.4	65.6	5.4
03/19/2024 01:00:00 PM	53.4	4.4	68.4	5.6
03/19/2024 02:00:00 PM	51.3	4.2	69.1	5.7
03/19/2024 03:00:00 PM	65.7	5.4	93.7	7.7
03/19/2024 04:00:00 PM	67.5	5.6	95.7	7.9
03/19/2024 05:00:00 PM	51.4	4.2	77.7	6.4
03/19/2024 06:00:00 PM	51.8	4.3	69.5	5.7
03/19/2024 07:00:00 PM	51.9	4.3	59.5	4.9
03/19/2024 08:00:00 PM	64.9	5.4	81.3	6.7
03/19/2024 09:00:00 PM	55.0	4.5	69.1	5.7
03/19/2024 10:00:00 PM	60.1	5.0	77.8	6.4
03/19/2024 11:00:00 PM	59.8	4.9	78.1	6.5
03/20/2024 12:00:00 AM	61.9	5.1	78.3	6.5
03/20/2024 01:00:00 AM	61.0	5.0	77.5	6.4
03/20/2024 02:00:00 AM	61.9	5.1	77.1	6.4
03/20/2024 03:00:00 AM	62.4	5.2	76.7	6.3
03/20/2024 04:00:00 AM	61.6	5.1	78.1	6.5
03/20/2024 05:00:00 AM	62.5	5.2	77.6	6.4



Patterson Irrigation District

Main River Section - Hourly Flow Averages

Start	03/18/2024 12:00:00 AM
End	03/25/2024 12:00:00 AM

Report Generated 03/25/2024 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
03/20/2024 06:00:00 AM	63.4	5.2	76.9	6.4
03/20/2024 07:00:00 AM	62.2	5.1	77.2	6.4
03/20/2024 08:00:00 AM	60.6	5.0	77.6	6.4
03/20/2024 09:00:00 AM	65.1	5.4	82.7	6.8
03/20/2024 10:00:00 AM	81.0	6.7	95.8	7.9
03/20/2024 11:00:00 AM	81.3	6.7	95.0	7.8
03/20/2024 12:00:00 PM	79.5	6.6	96.3	8.0
03/20/2024 01:00:00 PM	78.0	6.4	95.9	7.9
03/20/2024 02:00:00 PM	70.1	5.8	91.6	7.6
03/20/2024 03:00:00 PM	66.8	5.5	96.2	8.0
03/20/2024 04:00:00 PM	71.4	5.9	104.1	8.6
03/20/2024 05:00:00 PM	71.7	5.9	96.5	8.0
03/20/2024 06:00:00 PM	73.8	6.1	92.1	7.6
03/20/2024 07:00:00 PM	67.9	5.6	90.0	7.4
03/20/2024 08:00:00 PM	69.2	5.7	92.1	7.6
03/20/2024 09:00:00 PM	67.6	5.6	89.1	7.4
03/20/2024 10:00:00 PM	66.3	5.5	85.4	7.1
03/20/2024 11:00:00 PM	72.0	5.9	87.3	7.2
03/21/2024 12:00:00 AM	71.7	5.9	87.3	7.2
03/21/2024 01:00:00 AM	73.0	6.0	91.8	7.6
03/21/2024 02:00:00 AM	75.7	6.3	94.2	7.8
03/21/2024 03:00:00 AM	77.1	6.4	93.5	7.7
03/21/2024 04:00:00 AM	76.8	6.3	92.9	7.7
03/21/2024 05:00:00 AM	74.1	6.1	89.2	7.4
03/21/2024 06:00:00 AM	77.3	6.4	87.8	7.3
03/21/2024 07:00:00 AM	82.0	6.8	90.0	7.4
03/21/2024 08:00:00 AM	83.8	6.9	91.6	7.6
03/21/2024 09:00:00 AM	84.9	7.0	91.5	7.6
03/21/2024 10:00:00 AM	76.9	6.4	93.7	7.7
03/21/2024 11:00:00 AM	81.1	6.7	96.7	8.0
03/21/2024 12:00:00 PM	77.4	6.4	97.9	8.1
03/21/2024 01:00:00 PM	75.7	6.3	96.5	8.0
03/21/2024 02:00:00 PM	72.7	6.0	93.1	7.7
03/21/2024 03:00:00 PM	69.5	5.7	91.5	7.6
03/21/2024 04:00:00 PM	63.3	5.2	87.2	7.2
03/21/2024 05:00:00 PM	63.6	5.3	83.4	6.9
03/21/2024 06:00:00 PM	63.8	5.3	82.9	6.8
03/21/2024 07:00:00 PM	67.5	5.6	78.8	6.5
03/21/2024 08:00:00 PM	67.3	5.6	81.7	6.8
03/21/2024 09:00:00 PM	71.2	5.9	84.6	7.0
03/21/2024 10:00:00 PM	70.4	5.8	83.8	6.9
03/21/2024 11:00:00 PM	66.8	5.5	85.5	7.1
03/22/2024 12:00:00 AM	68.3	5.6	85.5	7.1
03/22/2024 01:00:00 AM	68.7	5.7	85.3	7.0
03/22/2024 02:00:00 AM	65.6	5.4	85.1	7.0
03/22/2024 03:00:00 AM	70.1	5.8	82.3	6.8
03/22/2024 04:00:00 AM	72.4	6.0	82.8	6.8
03/22/2024 05:00:00 AM	70.8	5.8	85.4	7.1
03/22/2024 06:00:00 AM	70.1	5.8	84.5	7.0
03/22/2024 07:00:00 AM	71.9	5.9	84.1	6.9
03/22/2024 08:00:00 AM	74.9	6.2	73.7	6.1
03/22/2024 09:00:00 AM	68.5	5.7	71.3	5.9
03/22/2024 10:00:00 AM	40.4	3.3	35.3	2.9
03/22/2024 11:00:00 AM	42.4	3.5	49.1	4.1



Patterson Irrigation District

Main River Section - Hourly Flow Averages

Start	03/18/2024 12:00:00 AM
End	03/25/2024 12:00:00 AM

Report Generated 03/25/2024 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
03/22/2024 12:00:00 PM	70.8	5.9	80.0	6.6
03/22/2024 01:00:00 PM	55.8	4.6	52.9	4.4
03/22/2024 02:00:00 PM	39.3	3.2	30.9	2.6
03/22/2024 03:00:00 PM	41.3	3.4	31.8	2.6
03/22/2024 04:00:00 PM	39.9	3.3	33.5	2.8
03/22/2024 05:00:00 PM	41.5	3.4	27.6	2.3
03/22/2024 06:00:00 PM	39.5	3.3	23.7	2.0
03/22/2024 07:00:00 PM	34.9	2.9	23.9	2.0
03/22/2024 08:00:00 PM	33.9	2.8	36.8	3.0
03/22/2024 09:00:00 PM	34.0	2.8	46.2	3.8
03/22/2024 10:00:00 PM	36.1	3.0	52.5	4.3
03/22/2024 11:00:00 PM	39.0	3.2	66.0	5.5
03/23/2024 12:00:00 AM	40.2	3.3	61.7	5.1
03/23/2024 01:00:00 AM	39.7	3.3	62.9	5.2
03/23/2024 02:00:00 AM	33.5	2.8	54.7	4.5
03/23/2024 03:00:00 AM	32.8	2.7	49.1	4.1
03/23/2024 04:00:00 AM	34.7	2.9	48.1	4.0
03/23/2024 05:00:00 AM	34.8	2.9	47.2	3.9
03/23/2024 06:00:00 AM	37.2	3.1	47.6	3.9
03/23/2024 07:00:00 AM	41.2	3.4	43.4	3.6
03/23/2024 08:00:00 AM	41.4	3.4	34.3	2.8
03/23/2024 09:00:00 AM	39.7	3.3	28.5	2.4
03/23/2024 10:00:00 AM	38.8	3.2	28.2	2.3
03/23/2024 11:00:00 AM	35.4	2.9	27.8	2.3
03/23/2024 12:00:00 PM	35.8	3.0	47.6	3.9
03/23/2024 01:00:00 PM	34.8	2.9	28.0	2.3
03/23/2024 02:00:00 PM	35.9	3.0	51.0	4.2
03/23/2024 03:00:00 PM	36.4	3.0	56.0	4.6
03/23/2024 04:00:00 PM	29.5	2.4	52.4	4.3
03/23/2024 05:00:00 PM	27.9	2.3	49.3	4.1
03/23/2024 06:00:00 PM	29.5	2.4	48.8	4.0
03/23/2024 07:00:00 PM	32.7	2.7	41.0	3.4
03/23/2024 08:00:00 PM	31.8	2.6	42.2	3.5
03/23/2024 09:00:00 PM	30.2	2.5	41.2	3.4
03/23/2024 10:00:00 PM	33.8	2.8	45.4	3.7
03/23/2024 11:00:00 PM	36.2	3.0	48.6	4.0
03/24/2024 12:00:00 AM	36.5	3.0	46.2	3.8
03/24/2024 01:00:00 AM	37.5	3.1	41.1	3.4
03/24/2024 02:00:00 AM	37.2	3.1	49.2	4.1
03/24/2024 03:00:00 AM	38.9	3.2	47.9	4.0
03/24/2024 04:00:00 AM	38.6	3.2	46.7	3.9
03/24/2024 05:00:00 AM	41.8	3.5	38.7	3.2
03/24/2024 06:00:00 AM	41.6	3.4	47.0	3.9
03/24/2024 07:00:00 AM	37.7	3.1	46.6	3.9
03/24/2024 08:00:00 AM	38.6	3.2	41.5	3.4
03/24/2024 09:00:00 AM	39.7	3.3	45.6	3.8
03/24/2024 10:00:00 AM	39.7	3.3	45.8	3.8
03/24/2024 11:00:00 AM	39.3	3.2	50.1	4.1
03/24/2024 12:00:00 PM	41.3	3.4	45.8	3.8
03/24/2024 01:00:00 PM	41.4	3.4	56.1	4.6
03/24/2024 02:00:00 PM	36.3	3.0	57.4	4.7
03/24/2024 03:00:00 PM	37.7	3.1	58.2	4.8
03/24/2024 04:00:00 PM	37.6	3.1	52.2	4.3
03/24/2024 05:00:00 PM	36.8	3.0	51.1	4.2



Patterson Irrigation District

Main River Section - Hourly Flow Averages

Start	03/18/2024 12:00:00 AM
End	03/25/2024 12:00:00 AM

Report Generated 03/25/2024 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
03/24/2024 06:00:00 PM	35.5	2.9	33.7	2.8
03/24/2024 07:00:00 PM	36.5	3.0	29.4	2.4
03/24/2024 08:00:00 PM	38.3	3.2	42.5	3.5
03/24/2024 09:00:00 PM	37.0	3.1	38.7	3.2
03/24/2024 10:00:00 PM	37.6	3.1	38.2	3.2
03/24/2024 11:00:00 PM	32.3	2.7	38.3	3.2
Average Flow:	50.19	696.87	62.20	863.59
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.