



Patterson Irrigation District

Main River Section - Hourly Flow Averages

Start	04/24/2023 12:00:00 AM
End	05/01/2023 12:00:00 AM

Report Generated 05/01/2023 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
04/24/2023 12:00:00 AM	24.7	2.0	32.8	2.7
04/24/2023 01:00:00 AM	21.4	1.8	37.4	3.1
04/24/2023 02:00:00 AM	21.6	1.8	32.5	2.7
04/24/2023 03:00:00 AM	22.2	1.8	33.6	2.8
04/24/2023 04:00:00 AM	25.0	2.1	38.5	3.2
04/24/2023 05:00:00 AM	31.8	2.6	39.9	3.3
04/24/2023 06:00:00 AM	33.3	2.8	41.2	3.4
04/24/2023 07:00:00 AM	36.5	3.0	40.5	3.4
04/24/2023 08:00:00 AM	49.4	4.1	55.4	4.6
04/24/2023 09:00:00 AM	42.4	3.5	55.4	4.6
04/24/2023 10:00:00 AM	50.7	4.2	56.5	4.7
04/24/2023 11:00:00 AM	49.8	4.1	61.5	5.1
04/24/2023 12:00:00 PM	49.5	4.1	67.2	5.6
04/24/2023 01:00:00 PM	53.0	4.4	69.4	5.7
04/24/2023 02:00:00 PM	54.0	4.5	70.8	5.9
04/24/2023 03:00:00 PM	53.6	4.4	70.5	5.8
04/24/2023 04:00:00 PM	47.4	3.9	69.4	5.7
04/24/2023 05:00:00 PM	48.1	4.0	70.6	5.8
04/24/2023 06:00:00 PM	46.5	3.8	69.5	5.7
04/24/2023 07:00:00 PM	49.6	4.1	69.8	5.8
04/24/2023 08:00:00 PM	49.4	4.1	62.3	5.2
04/24/2023 09:00:00 PM	47.0	3.9	57.6	4.8
04/24/2023 10:00:00 PM	49.5	4.1	60.9	5.0
04/24/2023 11:00:00 PM	56.6	4.7	59.9	4.9
04/25/2023 12:00:00 AM	54.4	4.5	59.9	5.0
04/25/2023 01:00:00 AM	54.9	4.5	57.5	4.8
04/25/2023 02:00:00 AM	58.5	4.8	65.6	5.4
04/25/2023 03:00:00 AM	59.9	4.9	64.7	5.3
04/25/2023 04:00:00 AM	59.3	4.9	69.7	5.8
04/25/2023 05:00:00 AM	66.0	5.5	71.2	5.9
04/25/2023 06:00:00 AM	66.5	5.5	73.6	6.1
04/25/2023 07:00:00 AM	55.6	4.6	67.8	5.6
04/25/2023 08:00:00 AM	51.6	4.3	82.9	6.9
04/25/2023 09:00:00 AM	53.7	4.4	83.0	6.9
04/25/2023 10:00:00 AM	60.9	5.0	85.6	7.1
04/25/2023 11:00:00 AM	70.1	5.8	88.4	7.3
04/25/2023 12:00:00 PM	58.9	4.9	84.0	6.9
04/25/2023 01:00:00 PM	56.3	4.7	83.1	6.9
04/25/2023 02:00:00 PM	52.4	4.3	76.9	6.4
04/25/2023 03:00:00 PM	61.0	5.0	76.0	6.3
04/25/2023 04:00:00 PM	56.9	4.7	73.8	6.1
04/25/2023 05:00:00 PM	48.5	4.0	72.0	6.0
04/25/2023 06:00:00 PM	49.6	4.1	65.7	5.4
04/25/2023 07:00:00 PM	52.1	4.3	58.8	4.9
04/25/2023 08:00:00 PM	51.4	4.2	62.2	5.1
04/25/2023 09:00:00 PM	50.0	4.1	65.4	5.4
04/25/2023 10:00:00 PM	58.8	4.9	64.4	5.3
04/25/2023 11:00:00 PM	61.5	5.1	64.8	5.4
04/26/2023 12:00:00 AM	59.8	4.9	64.8	5.4
04/26/2023 01:00:00 AM	54.9	4.5	64.4	5.3
04/26/2023 02:00:00 AM	56.4	4.7	65.6	5.4
04/26/2023 03:00:00 AM	54.4	4.5	65.8	5.4
04/26/2023 04:00:00 AM	49.3	4.1	66.7	5.5
04/26/2023 05:00:00 AM	56.0	4.6	72.0	6.0



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Start	04/24/2023 12:00:00 AM
End	05/01/2023 12:00:00 AM

Report Generated 05/01/2023 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
04/26/2023 06:00:00 AM	69.0	5.7	77.7	6.4
04/26/2023 07:00:00 AM	67.5	5.6	78.7	6.5
04/26/2023 08:00:00 AM	73.8	6.1	84.2	7.0
04/26/2023 09:00:00 AM	74.9	6.2	82.8	6.8
04/26/2023 10:00:00 AM	77.3	6.4	84.3	7.0
04/26/2023 11:00:00 AM	79.4	6.6	85.3	7.1
04/26/2023 12:00:00 PM	78.2	6.5	84.7	7.0
04/26/2023 01:00:00 PM	79.4	6.6	85.7	7.1
04/26/2023 02:00:00 PM	88.7	7.3	90.4	7.5
04/26/2023 03:00:00 PM	81.4	6.7	91.3	7.5
04/26/2023 04:00:00 PM	73.8	6.1	86.9	7.2
04/26/2023 05:00:00 PM	74.6	6.2	87.2	7.2
04/26/2023 06:00:00 PM	72.9	6.0	86.3	7.1
04/26/2023 07:00:00 PM	72.8	6.0	83.0	6.9
04/26/2023 08:00:00 PM	71.4	5.9	82.0	6.8
04/26/2023 09:00:00 PM	72.4	6.0	86.0	7.1
04/26/2023 10:00:00 PM	74.3	6.1	89.1	7.4
04/26/2023 11:00:00 PM	75.5	6.2	88.5	7.3
04/27/2023 12:00:00 AM	76.1	6.3	84.7	7.0
04/27/2023 01:00:00 AM	77.1	6.4	88.3	7.3
04/27/2023 02:00:00 AM	83.6	6.9	89.6	7.4
04/27/2023 03:00:00 AM	83.2	6.9	86.5	7.2
04/27/2023 04:00:00 AM	81.9	6.8	88.0	7.3
04/27/2023 05:00:00 AM	81.6	6.7	89.7	7.4
04/27/2023 06:00:00 AM	89.3	7.4	95.0	7.9
04/27/2023 07:00:00 AM	85.5	7.1	92.3	7.6
04/27/2023 08:00:00 AM	75.4	6.2	88.2	7.3
04/27/2023 09:00:00 AM	81.9	6.8	91.1	7.5
04/27/2023 10:00:00 AM	79.5	6.6	92.5	7.6
04/27/2023 11:00:00 AM	82.9	6.9	90.7	7.5
04/27/2023 12:00:00 PM	78.0	6.4	90.9	7.5
04/27/2023 01:00:00 PM	70.5	5.8	88.8	7.3
04/27/2023 02:00:00 PM	76.3	6.3	90.2	7.5
04/27/2023 03:00:00 PM	82.4	6.8	93.5	7.7
04/27/2023 04:00:00 PM	73.5	6.1	87.3	7.2
04/27/2023 05:00:00 PM	74.4	6.1	88.8	7.3
04/27/2023 06:00:00 PM	72.1	6.0	89.0	7.4
04/27/2023 07:00:00 PM	74.0	6.1	85.8	7.1
04/27/2023 08:00:00 PM	71.6	5.9	85.8	7.1
04/27/2023 09:00:00 PM	74.2	6.1	90.5	7.5
04/27/2023 10:00:00 PM	75.5	6.2	90.8	7.5
04/27/2023 11:00:00 PM	73.2	6.0	89.3	7.4
04/28/2023 12:00:00 AM	74.2	6.1	90.6	7.5
04/28/2023 01:00:00 AM	75.0	6.2	90.0	7.4
04/28/2023 02:00:00 AM	72.2	6.0	89.0	7.4
04/28/2023 03:00:00 AM	71.9	5.9	87.4	7.2
04/28/2023 04:00:00 AM	72.7	6.0	88.3	7.3
04/28/2023 05:00:00 AM	73.9	6.1	89.3	7.4
04/28/2023 06:00:00 AM	76.0	6.3	91.6	7.6
04/28/2023 07:00:00 AM	71.2	5.9	88.4	7.3
04/28/2023 08:00:00 AM	68.2	5.6	87.6	7.2
04/28/2023 09:00:00 AM	64.0	5.3	86.9	7.2
04/28/2023 10:00:00 AM	75.6	6.2	93.4	7.7
04/28/2023 11:00:00 AM	81.3	6.7	92.6	7.6



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End	05/01/2023 12:00:00 AM

Report Generated 05/01/2023 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
04/28/2023 12:00:00 PM	78.1	6.5	90.5	7.5
04/28/2023 01:00:00 PM	80.6	6.7	91.0	7.5
04/28/2023 02:00:00 PM	79.2	6.5	89.8	7.4
04/28/2023 03:00:00 PM	73.1	6.0	89.1	7.4
04/28/2023 04:00:00 PM	71.0	5.9	92.4	7.6
04/28/2023 05:00:00 PM	66.3	5.5	88.4	7.3
04/28/2023 06:00:00 PM	67.9	5.6	82.4	6.8
04/28/2023 07:00:00 PM	67.3	5.6	84.4	7.0
04/28/2023 08:00:00 PM	59.7	4.9	77.3	6.4
04/28/2023 09:00:00 PM	56.9	4.7	78.9	6.5
04/28/2023 10:00:00 PM	63.1	5.2	79.3	6.6
04/28/2023 11:00:00 PM	64.4	5.3	76.8	6.3
04/29/2023 12:00:00 AM	63.6	5.3	72.2	6.0
04/29/2023 01:00:00 AM	59.8	4.9	76.9	6.4
04/29/2023 02:00:00 AM	62.3	5.1	77.2	6.4
04/29/2023 03:00:00 AM	66.3	5.5	78.2	6.5
04/29/2023 04:00:00 AM	59.3	4.9	77.7	6.4
04/29/2023 05:00:00 AM	61.2	5.1	76.3	6.3
04/29/2023 06:00:00 AM	65.8	5.4	78.2	6.5
04/29/2023 07:00:00 AM	65.0	5.4	80.9	6.7
04/29/2023 08:00:00 AM	61.7	5.1	82.6	6.8
04/29/2023 09:00:00 AM	58.1	4.8	81.5	6.7
04/29/2023 10:00:00 AM	66.3	5.5	79.5	6.6
04/29/2023 11:00:00 AM	65.9	5.4	82.9	6.9
04/29/2023 12:00:00 PM	64.1	5.3	86.7	7.2
04/29/2023 01:00:00 PM	66.4	5.5	87.8	7.3
04/29/2023 02:00:00 PM	62.1	5.1	88.5	7.3
04/29/2023 03:00:00 PM	61.4	5.1	84.7	7.0
04/29/2023 04:00:00 PM	59.0	4.9	82.9	6.9
04/29/2023 05:00:00 PM	59.7	4.9	83.8	6.9
04/29/2023 06:00:00 PM	58.8	4.9	82.7	6.8
04/29/2023 07:00:00 PM	59.1	4.9	81.1	6.7
04/29/2023 08:00:00 PM	57.0	4.7	71.3	5.9
04/29/2023 09:00:00 PM	45.5	3.8	65.5	5.4
04/29/2023 10:00:00 PM	46.2	3.8	67.3	5.6
04/29/2023 11:00:00 PM	52.3	4.3	65.8	5.4
04/30/2023 12:00:00 AM	47.3	3.9	65.6	5.4
04/30/2023 01:00:00 AM	49.7	4.1	67.6	5.6
04/30/2023 02:00:00 AM	51.8	4.3	69.2	5.7
04/30/2023 03:00:00 AM	61.4	5.1	68.3	5.6
04/30/2023 04:00:00 AM	52.7	4.4	69.3	5.7
04/30/2023 05:00:00 AM	55.8	4.6	70.3	5.8
04/30/2023 06:00:00 AM	66.5	5.5	74.0	6.1
04/30/2023 07:00:00 AM	54.7	4.5	70.0	5.8
04/30/2023 08:00:00 AM	48.2	4.0	65.3	5.4
04/30/2023 09:00:00 AM	44.0	3.6	59.6	4.9
04/30/2023 10:00:00 AM	40.0	3.3	58.5	4.8
04/30/2023 11:00:00 AM	39.0	3.2	59.2	4.9
04/30/2023 12:00:00 PM	38.2	3.2	60.2	5.0
04/30/2023 01:00:00 PM	33.0	2.7	62.5	5.2
04/30/2023 02:00:00 PM	30.9	2.6	63.5	5.3
04/30/2023 03:00:00 PM	34.2	2.8	67.5	5.6
04/30/2023 04:00:00 PM	33.1	2.7	65.2	5.4
04/30/2023 05:00:00 PM	29.5	2.4	64.4	5.3



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Main River Section - Hourly Flow Averages

Start	04/24/2023 12:00:00 AM
End	05/01/2023 12:00:00 AM

Report Generated 05/01/2023 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
04/30/2023 06:00:00 PM	21.1	1.7	56.7	4.7
04/30/2023 07:00:00 PM	18.9	1.6	53.7	4.4
04/30/2023 08:00:00 PM	22.2	1.8	52.9	4.4
04/30/2023 09:00:00 PM	23.1	1.9	46.8	3.9
04/30/2023 10:00:00 PM	25.8	2.1	43.8	3.6
04/30/2023 11:00:00 PM	27.5	2.3	40.2	3.3
Average Flow:	59.78	829.97	74.90	1,039.97
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.