



Patterson Irrigation District

Main River Section - Hourly Flow Averages

Start	07/17/2023 12:00:00 AM
End	07/24/2023 12:00:00 AM

Report Generated 07/24/2023 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
07/17/2023 12:00:00 AM	89.4	7.4	91.7	7.6
07/17/2023 01:00:00 AM	81.1	6.7	87.4	7.2
07/17/2023 02:00:00 AM	93.3	7.7	95.2	7.9
07/17/2023 03:00:00 AM	94.2	7.8	95.0	7.9
07/17/2023 04:00:00 AM	93.0	7.7	96.2	8.0
07/17/2023 05:00:00 AM	95.6	7.9	96.5	8.0
07/17/2023 06:00:00 AM	94.9	7.8	97.3	8.0
07/17/2023 07:00:00 AM	103.6	8.6	101.4	8.4
07/17/2023 08:00:00 AM	108.1	8.9	110.1	9.1
07/17/2023 09:00:00 AM	98.8	8.2	104.2	8.6
07/17/2023 10:00:00 AM	102.1	8.4	104.5	8.6
07/17/2023 11:00:00 AM	102.0	8.4	107.2	8.9
07/17/2023 12:00:00 PM	95.6	7.9	106.0	8.8
07/17/2023 01:00:00 PM	96.3	8.0	111.5	9.2
07/17/2023 02:00:00 PM	83.7	6.9	101.0	8.3
07/17/2023 03:00:00 PM	88.4	7.3	101.2	8.4
07/17/2023 04:00:00 PM	83.9	6.9	102.2	8.4
07/17/2023 05:00:00 PM	82.7	6.8	100.4	8.3
07/17/2023 06:00:00 PM	82.3	6.8	96.7	8.0
07/17/2023 07:00:00 PM	85.3	7.0	96.7	8.0
07/17/2023 08:00:00 PM	80.0	6.6	96.1	7.9
07/17/2023 09:00:00 PM	76.4	6.3	90.4	7.5
07/17/2023 10:00:00 PM	80.9	6.7	96.2	8.0
07/17/2023 11:00:00 PM	83.4	6.9	96.6	8.0
07/18/2023 12:00:00 AM	81.3	6.7	97.4	8.1
07/18/2023 01:00:00 AM	84.6	7.0	97.5	8.1
07/18/2023 02:00:00 AM	87.0	7.2	97.0	8.0
07/18/2023 03:00:00 AM	89.7	7.4	95.7	7.9
07/18/2023 04:00:00 AM	90.8	7.5	98.0	8.1
07/18/2023 05:00:00 AM	91.5	7.6	98.0	8.1
07/18/2023 06:00:00 AM	94.6	7.8	98.3	8.1
07/18/2023 07:00:00 AM	100.6	8.3	101.0	8.3
07/18/2023 08:00:00 AM	100.0	8.3	95.4	7.9
07/18/2023 09:00:00 AM	98.2	8.1	102.9	8.5
07/18/2023 10:00:00 AM	97.3	8.0	101.3	8.4
07/18/2023 11:00:00 AM	95.0	7.9	102.6	8.5
07/18/2023 12:00:00 PM	89.6	7.4	101.4	8.4
07/18/2023 01:00:00 PM	91.6	7.6	101.6	8.4
07/18/2023 02:00:00 PM	89.3	7.4	106.1	8.8
07/18/2023 03:00:00 PM	91.3	7.5	106.5	8.8
07/18/2023 04:00:00 PM	78.1	6.5	107.4	8.9
07/18/2023 05:00:00 PM	83.2	6.9	108.5	9.0
07/18/2023 06:00:00 PM	81.1	6.7	103.1	8.5
07/18/2023 07:00:00 PM	87.0	7.2	101.0	8.4
07/18/2023 08:00:00 PM	85.4	7.1	94.0	7.8
07/18/2023 09:00:00 PM	83.1	6.9	95.6	7.9
07/18/2023 10:00:00 PM	84.5	7.0	99.2	8.2
07/18/2023 11:00:00 PM	91.8	7.6	96.3	8.0
07/19/2023 12:00:00 AM	89.2	7.4	96.3	8.0
07/19/2023 01:00:00 AM	92.4	7.6	95.5	7.9
07/19/2023 02:00:00 AM	92.5	7.6	94.7	7.8
07/19/2023 03:00:00 AM	94.0	7.8	94.8	7.8
07/19/2023 04:00:00 AM	92.2	7.6	94.1	7.8
07/19/2023 05:00:00 AM	98.2	8.1	98.9	8.2



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Start	07/17/2023 12:00:00 AM
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Report Generated 07/24/2023 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
07/19/2023 06:00:00 AM	101.6	8.4	103.6	8.6
07/19/2023 07:00:00 AM	103.1	8.5	106.0	8.8
07/19/2023 08:00:00 AM	98.9	8.2	104.9	8.7
07/19/2023 09:00:00 AM	112.6	9.3	115.8	9.6
07/19/2023 10:00:00 AM	118.7	9.8	121.4	10.0
07/19/2023 11:00:00 AM	106.1	8.8	109.6	9.1
07/19/2023 12:00:00 PM	104.6	8.6	110.6	9.1
07/19/2023 01:00:00 PM	103.6	8.6	106.7	8.8
07/19/2023 02:00:00 PM	101.4	8.4	109.0	9.0
07/19/2023 03:00:00 PM	96.4	8.0	104.9	8.7
07/19/2023 04:00:00 PM	94.1	7.8	104.6	8.6
07/19/2023 05:00:00 PM	90.1	7.4	105.4	8.7
07/19/2023 06:00:00 PM	87.0	7.2	99.1	8.2
07/19/2023 07:00:00 PM	88.9	7.3	95.6	7.9
07/19/2023 08:00:00 PM	88.5	7.3	92.6	7.7
07/19/2023 09:00:00 PM	86.9	7.2	90.2	7.5
07/19/2023 10:00:00 PM	88.3	7.3	92.2	7.6
07/19/2023 11:00:00 PM	84.5	7.0	92.7	7.7
07/20/2023 12:00:00 AM	84.2	7.0	92.2	7.6
07/20/2023 01:00:00 AM	83.6	6.9	92.0	7.6
07/20/2023 02:00:00 AM	83.4	6.9	92.0	7.6
07/20/2023 03:00:00 AM	87.6	7.2	91.6	7.6
07/20/2023 04:00:00 AM	89.9	7.4	90.3	7.5
07/20/2023 05:00:00 AM	93.0	7.7	92.0	7.6
07/20/2023 06:00:00 AM	101.0	8.3	98.9	8.2
07/20/2023 07:00:00 AM	100.8	8.3	103.4	8.5
07/20/2023 08:00:00 AM	93.7	7.7	101.9	8.4
07/20/2023 09:00:00 AM	97.8	8.1	104.3	8.6
07/20/2023 10:00:00 AM	96.1	7.9	105.5	8.7
07/20/2023 11:00:00 AM	93.4	7.7	109.6	9.1
07/20/2023 12:00:00 PM	90.3	7.5	100.9	8.3
07/20/2023 01:00:00 PM	93.7	7.7	109.2	9.0
07/20/2023 02:00:00 PM	105.1	8.7	125.0	10.3
07/20/2023 03:00:00 PM	107.9	8.9	120.8	10.0
07/20/2023 04:00:00 PM	97.3	8.0	115.4	9.5
07/20/2023 05:00:00 PM	98.0	8.1	114.4	9.5
07/20/2023 06:00:00 PM	96.3	8.0	111.5	9.2
07/20/2023 07:00:00 PM	100.0	8.3	108.4	9.0
07/20/2023 08:00:00 PM	97.0	8.0	107.3	8.9
07/20/2023 09:00:00 PM	94.9	7.8	103.1	8.5
07/20/2023 10:00:00 PM	100.7	8.3	107.4	8.9
07/20/2023 11:00:00 PM	108.1	8.9	108.7	9.0
07/21/2023 12:00:00 AM	109.3	9.0	106.5	8.8
07/21/2023 01:00:00 AM	107.8	8.9	105.7	8.7
07/21/2023 02:00:00 AM	109.9	9.1	107.8	8.9
07/21/2023 03:00:00 AM	110.5	9.1	104.8	8.7
07/21/2023 04:00:00 AM	108.5	9.0	109.1	9.0
07/21/2023 05:00:00 AM	103.9	8.6	108.1	8.9
07/21/2023 06:00:00 AM	103.1	8.5	110.2	9.1
07/21/2023 07:00:00 AM	117.1	9.7	116.7	9.6
07/21/2023 08:00:00 AM	105.5	8.7	114.9	9.5
07/21/2023 09:00:00 AM	108.3	9.0	118.9	9.8
07/21/2023 10:00:00 AM	107.4	8.9	120.5	10.0
07/21/2023 11:00:00 AM	108.3	8.9	125.7	10.4



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End	07/24/2023 12:00:00 AM

Report Generated 07/24/2023 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
07/21/2023 12:00:00 PM	110.5	9.1	129.6	10.7
07/21/2023 01:00:00 PM	105.5	8.7	124.3	10.3
07/21/2023 02:00:00 PM	106.0	8.8	120.7	10.0
07/21/2023 03:00:00 PM	108.8	9.0	121.0	10.0
07/21/2023 04:00:00 PM	108.5	9.0	118.9	9.8
07/21/2023 05:00:00 PM	107.8	8.9	116.1	9.6
07/21/2023 06:00:00 PM	106.3	8.8	114.6	9.5
07/21/2023 07:00:00 PM	108.8	9.0	112.6	9.3
07/21/2023 08:00:00 PM	105.8	8.7	113.1	9.3
07/21/2023 09:00:00 PM	104.2	8.6	110.1	9.1
07/21/2023 10:00:00 PM	100.0	8.3	110.0	9.1
07/21/2023 11:00:00 PM	101.1	8.4	110.0	9.1
07/22/2023 12:00:00 AM	99.3	8.2	108.8	9.0
07/22/2023 01:00:00 AM	98.6	8.1	109.2	9.0
07/22/2023 02:00:00 AM	98.9	8.2	109.5	9.0
07/22/2023 03:00:00 AM	98.5	8.1	110.1	9.1
07/22/2023 04:00:00 AM	95.5	7.9	110.2	9.1
07/22/2023 05:00:00 AM	95.2	7.9	108.5	9.0
07/22/2023 06:00:00 AM	90.6	7.5	97.2	8.0
07/22/2023 07:00:00 AM	93.4	7.7	99.2	8.2
07/22/2023 08:00:00 AM	97.3	8.0	103.4	8.5
07/22/2023 09:00:00 AM	90.8	7.5	102.8	8.5
07/22/2023 10:00:00 AM	98.6	8.1	106.5	8.8
07/22/2023 11:00:00 AM	93.6	7.7	108.0	8.9
07/22/2023 12:00:00 PM	99.5	8.2	115.2	9.5
07/22/2023 01:00:00 PM	99.3	8.2	111.1	9.2
07/22/2023 02:00:00 PM	94.5	7.8	106.6	8.8
07/22/2023 03:00:00 PM	95.5	7.9	105.0	8.7
07/22/2023 04:00:00 PM	95.7	7.9	107.8	8.9
07/22/2023 05:00:00 PM	91.2	7.5	98.3	8.1
07/22/2023 06:00:00 PM	86.2	7.1	92.1	7.6
07/22/2023 07:00:00 PM	87.3	7.2	97.3	8.0
07/22/2023 08:00:00 PM	84.2	7.0	78.3	6.5
07/22/2023 09:00:00 PM	85.9	7.1	93.8	7.8
07/22/2023 10:00:00 PM	88.1	7.3	95.7	7.9
07/22/2023 11:00:00 PM	88.7	7.3	99.8	8.3
07/23/2023 12:00:00 AM	78.0	6.4	99.1	8.2
07/23/2023 01:00:00 AM	81.6	6.7	97.0	8.0
07/23/2023 02:00:00 AM	84.4	7.0	99.3	8.2
07/23/2023 03:00:00 AM	88.8	7.3	98.8	8.2
07/23/2023 04:00:00 AM	84.6	7.0	98.8	8.2
07/23/2023 05:00:00 AM	85.1	7.0	94.8	7.8
07/23/2023 06:00:00 AM	77.8	6.4	96.2	7.9
07/23/2023 07:00:00 AM	80.2	6.6	94.3	7.8
07/23/2023 08:00:00 AM	79.0	6.5	86.9	7.2
07/23/2023 09:00:00 AM	82.5	6.8	90.9	7.5
07/23/2023 10:00:00 AM	67.1	5.5	89.3	7.4
07/23/2023 11:00:00 AM	69.2	5.7	86.6	7.2
07/23/2023 12:00:00 PM	68.7	5.7	84.3	7.0
07/23/2023 01:00:00 PM	63.9	5.3	77.0	6.4
07/23/2023 02:00:00 PM	67.4	5.6	77.2	6.4
07/23/2023 03:00:00 PM	63.4	5.2	80.7	6.7
07/23/2023 04:00:00 PM	59.7	4.9	81.6	6.7
07/23/2023 05:00:00 PM	58.7	4.9	80.3	6.6



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Main River Section - Hourly Flow Averages

Start	07/17/2023 12:00:00 AM
End	07/24/2023 12:00:00 AM

Report Generated 07/24/2023 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
07/23/2023 06:00:00 PM	61.0	5.0	79.2	6.5
07/23/2023 07:00:00 PM	61.3	5.1	74.5	6.2
07/23/2023 08:00:00 PM	63.2	5.2	69.8	5.8
07/23/2023 09:00:00 PM	60.5	5.0	71.4	5.9
07/23/2023 10:00:00 PM	58.7	4.9	74.2	6.1
07/23/2023 11:00:00 PM	61.8	5.1	71.6	5.9
Average Flow:	92.00	1,277.32	101.26	1,405.87
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.