



Patterson Irrigation District

Main River Section - Hourly Flow Averages

Start	07/24/2023 12:00:00 AM
End	07/31/2023 12:00:00 AM

Report Generated 07/31/2023 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
07/24/2023 12:00:00 AM	63.5	5.3	72.4	6.0
07/24/2023 01:00:00 AM	65.0	5.4	73.6	6.1
07/24/2023 02:00:00 AM	62.8	5.2	72.9	6.0
07/24/2023 03:00:00 AM	65.5	5.4	73.9	6.1
07/24/2023 04:00:00 AM	59.4	4.9	74.3	6.1
07/24/2023 05:00:00 AM	63.5	5.2	78.0	6.4
07/24/2023 06:00:00 AM	70.5	5.8	81.6	6.7
07/24/2023 07:00:00 AM	80.0	6.6	87.1	7.2
07/24/2023 08:00:00 AM	80.8	6.7	93.2	7.7
07/24/2023 09:00:00 AM	83.9	6.9	96.9	8.0
07/24/2023 10:00:00 AM	80.1	6.6	90.7	7.5
07/24/2023 11:00:00 AM	77.9	6.4	92.0	7.6
07/24/2023 12:00:00 PM	78.6	6.5	95.6	7.9
07/24/2023 01:00:00 PM	80.6	6.7	100.7	8.3
07/24/2023 02:00:00 PM	84.1	7.0	104.4	8.6
07/24/2023 03:00:00 PM	90.2	7.5	111.1	9.2
07/24/2023 04:00:00 PM	81.7	6.8	106.2	8.8
07/24/2023 05:00:00 PM	84.7	7.0	103.4	8.5
07/24/2023 06:00:00 PM	86.7	7.2	103.8	8.6
07/24/2023 07:00:00 PM	84.2	7.0	103.9	8.6
07/24/2023 08:00:00 PM	80.8	6.7	94.6	7.8
07/24/2023 09:00:00 PM	79.4	6.6	94.2	7.8
07/24/2023 10:00:00 PM	83.7	6.9	93.8	7.7
07/24/2023 11:00:00 PM	85.2	7.0	91.1	7.5
07/25/2023 12:00:00 AM	87.3	7.2	94.0	7.8
07/25/2023 01:00:00 AM	83.3	6.9	93.4	7.7
07/25/2023 02:00:00 AM	79.6	6.6	92.7	7.7
07/25/2023 03:00:00 AM	75.0	6.2	92.0	7.6
07/25/2023 04:00:00 AM	83.2	6.9	95.0	7.9
07/25/2023 05:00:00 AM	88.0	7.3	93.5	7.7
07/25/2023 06:00:00 AM	90.6	7.5	96.7	8.0
07/25/2023 07:00:00 AM	94.6	7.8	100.7	8.3
07/25/2023 08:00:00 AM	105.0	8.7	112.8	9.3
07/25/2023 09:00:00 AM	99.3	8.2	109.4	9.0
07/25/2023 10:00:00 AM	98.7	8.2	110.0	9.1
07/25/2023 11:00:00 AM	95.2	7.9	108.2	8.9
07/25/2023 12:00:00 PM	98.7	8.2	116.5	9.6
07/25/2023 01:00:00 PM	92.9	7.7	115.6	9.6
07/25/2023 02:00:00 PM	89.9	7.4	113.5	9.4
07/25/2023 03:00:00 PM	96.0	7.9	113.1	9.3
07/25/2023 04:00:00 PM	98.4	8.1	113.5	9.4
07/25/2023 05:00:00 PM	96.8	8.0	110.6	9.1
07/25/2023 06:00:00 PM	90.6	7.5	109.3	9.0
07/25/2023 07:00:00 PM	94.5	7.8	106.2	8.8
07/25/2023 08:00:00 PM	94.8	7.8	108.1	8.9
07/25/2023 09:00:00 PM	89.4	7.4	107.1	8.8
07/25/2023 10:00:00 PM	93.0	7.7	106.1	8.8
07/25/2023 11:00:00 PM	91.0	7.5	102.7	8.5
07/26/2023 12:00:00 AM	88.1	7.3	103.3	8.5
07/26/2023 01:00:00 AM	87.5	7.2	103.0	8.5
07/26/2023 02:00:00 AM	90.5	7.5	102.7	8.5
07/26/2023 03:00:00 AM	97.2	8.0	102.8	8.5
07/26/2023 04:00:00 AM	97.0	8.0	103.1	8.5
07/26/2023 05:00:00 AM	96.5	8.0	104.2	8.6



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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
07/26/2023 06:00:00 AM	95.0	7.8	100.0	8.3
07/26/2023 07:00:00 AM	104.7	8.7	104.6	8.6
07/26/2023 08:00:00 AM	104.3	8.6	105.9	8.8
07/26/2023 09:00:00 AM	104.1	8.6	106.2	8.8
07/26/2023 10:00:00 AM	102.6	8.5	106.0	8.8
07/26/2023 11:00:00 AM	101.1	8.4	105.7	8.7
07/26/2023 12:00:00 PM	92.9	7.7	104.0	8.6
07/26/2023 01:00:00 PM	88.4	7.3	103.1	8.5
07/26/2023 02:00:00 PM	83.3	6.9	96.3	8.0
07/26/2023 03:00:00 PM	81.5	6.7	93.6	7.7
07/26/2023 04:00:00 PM	80.6	6.7	94.1	7.8
07/26/2023 05:00:00 PM	80.7	6.7	96.5	8.0
07/26/2023 06:00:00 PM	76.3	6.3	95.8	7.9
07/26/2023 07:00:00 PM	73.4	6.1	90.6	7.5
07/26/2023 08:00:00 PM	72.4	6.0	84.0	6.9
07/26/2023 09:00:00 PM	71.3	5.9	87.9	7.3
07/26/2023 10:00:00 PM	75.1	6.2	88.0	7.3
07/26/2023 11:00:00 PM	78.0	6.4	87.5	7.2
07/27/2023 12:00:00 AM	77.2	6.4	86.8	7.2
07/27/2023 01:00:00 AM	80.4	6.6	88.7	7.3
07/27/2023 02:00:00 AM	79.7	6.6	85.6	7.1
07/27/2023 03:00:00 AM	88.7	7.3	92.0	7.6
07/27/2023 04:00:00 AM	92.5	7.6	98.2	8.1
07/27/2023 05:00:00 AM	95.0	7.9	101.1	8.4
07/27/2023 06:00:00 AM	98.1	8.1	106.7	8.8
07/27/2023 07:00:00 AM	105.8	8.7	107.9	8.9
07/27/2023 08:00:00 AM	106.4	8.8	110.1	9.1
07/27/2023 09:00:00 AM	112.1	9.3	113.1	9.4
07/27/2023 10:00:00 AM	114.7	9.5	116.7	9.6
07/27/2023 11:00:00 AM	115.3	9.5	117.3	9.7
07/27/2023 12:00:00 PM	120.1	9.9	118.1	9.8
07/27/2023 01:00:00 PM	113.2	9.4	121.6	10.0
07/27/2023 02:00:00 PM	106.2	8.8	120.4	10.0
07/27/2023 03:00:00 PM	104.6	8.6	121.5	10.0
07/27/2023 04:00:00 PM	103.1	8.5	121.5	10.0
07/27/2023 05:00:00 PM	101.0	8.3	121.9	10.1
07/27/2023 06:00:00 PM	100.6	8.3	128.3	10.6
07/27/2023 07:00:00 PM	106.1	8.8	121.7	10.1
07/27/2023 08:00:00 PM	114.4	9.5	117.0	9.7
07/27/2023 09:00:00 PM	120.8	10.0	116.7	9.6
07/27/2023 10:00:00 PM	119.7	9.9	117.0	9.7
07/27/2023 11:00:00 PM	114.6	9.5	117.3	9.7
07/28/2023 12:00:00 AM	109.3	9.0	117.2	9.7
07/28/2023 01:00:00 AM	110.4	9.1	114.7	9.5
07/28/2023 02:00:00 AM	116.4	9.6	120.1	9.9
07/28/2023 03:00:00 AM	117.2	9.7	121.2	10.0
07/28/2023 04:00:00 AM	116.9	9.7	121.2	10.0
07/28/2023 05:00:00 AM	112.1	9.3	121.4	10.0
07/28/2023 06:00:00 AM	109.4	9.0	118.8	9.8
07/28/2023 07:00:00 AM	121.5	10.0	124.7	10.3
07/28/2023 08:00:00 AM	118.4	9.8	128.0	10.6
07/28/2023 09:00:00 AM	117.8	9.7	125.6	10.4
07/28/2023 10:00:00 AM	120.5	10.0	127.2	10.5
07/28/2023 11:00:00 AM	112.8	9.3	117.5	9.7



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Report Generated 07/31/2023 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
07/28/2023 12:00:00 PM	117.2	9.7	122.2	10.1
07/28/2023 01:00:00 PM	113.5	9.4	123.2	10.2
07/28/2023 02:00:00 PM	107.8	8.9	121.7	10.1
07/28/2023 03:00:00 PM	104.0	8.6	121.3	10.0
07/28/2023 04:00:00 PM	103.9	8.6	122.0	10.1
07/28/2023 05:00:00 PM	105.3	8.7	122.6	10.1
07/28/2023 06:00:00 PM	105.0	8.7	119.5	9.9
07/28/2023 07:00:00 PM	105.7	8.7	114.2	9.4
07/28/2023 08:00:00 PM	101.4	8.4	116.3	9.6
07/28/2023 09:00:00 PM	104.7	8.7	113.5	9.4
07/28/2023 10:00:00 PM	107.7	8.9	113.2	9.4
07/28/2023 11:00:00 PM	115.4	9.5	113.0	9.3
07/29/2023 12:00:00 AM	113.5	9.4	114.6	9.5
07/29/2023 01:00:00 AM	113.3	9.4	115.4	9.5
07/29/2023 02:00:00 AM	98.8	8.2	112.4	9.3
07/29/2023 03:00:00 AM	99.6	8.2	111.8	9.2
07/29/2023 04:00:00 AM	100.2	8.3	112.5	9.3
07/29/2023 05:00:00 AM	95.4	7.9	111.3	9.2
07/29/2023 06:00:00 AM	102.1	8.4	111.8	9.2
07/29/2023 07:00:00 AM	104.7	8.7	111.2	9.2
07/29/2023 08:00:00 AM	101.5	8.4	109.5	9.1
07/29/2023 09:00:00 AM	103.0	8.5	113.6	9.4
07/29/2023 10:00:00 AM	105.7	8.7	115.5	9.5
07/29/2023 11:00:00 AM	103.7	8.6	113.2	9.4
07/29/2023 12:00:00 PM	106.0	8.8	115.1	9.5
07/29/2023 01:00:00 PM	104.5	8.6	110.2	9.1
07/29/2023 02:00:00 PM	99.9	8.3	107.7	8.9
07/29/2023 03:00:00 PM	99.2	8.2	108.4	9.0
07/29/2023 04:00:00 PM	95.2	7.9	113.1	9.3
07/29/2023 05:00:00 PM	92.3	7.6	110.0	9.1
07/29/2023 06:00:00 PM	92.0	7.6	108.3	9.0
07/29/2023 07:00:00 PM	92.3	7.6	103.5	8.6
07/29/2023 08:00:00 PM	87.1	7.2	97.6	8.1
07/29/2023 09:00:00 PM	86.9	7.2	95.7	7.9
07/29/2023 10:00:00 PM	95.8	7.9	97.5	8.1
07/29/2023 11:00:00 PM	99.1	8.2	97.5	8.1
07/30/2023 12:00:00 AM	94.1	7.8	97.4	8.1
07/30/2023 01:00:00 AM	85.0	7.0	100.3	8.3
07/30/2023 02:00:00 AM	85.3	7.0	100.1	8.3
07/30/2023 03:00:00 AM	87.1	7.2	98.6	8.1
07/30/2023 04:00:00 AM	87.5	7.2	98.6	8.2
07/30/2023 05:00:00 AM	84.6	7.0	99.8	8.2
07/30/2023 06:00:00 AM	90.4	7.5	97.3	8.0
07/30/2023 07:00:00 AM	90.3	7.5	96.2	7.9
07/30/2023 08:00:00 AM	87.7	7.2	96.3	8.0
07/30/2023 09:00:00 AM	88.5	7.3	97.8	8.1
07/30/2023 10:00:00 AM	89.2	7.4	97.9	8.1
07/30/2023 11:00:00 AM	82.7	6.8	98.3	8.1
07/30/2023 12:00:00 PM	77.0	6.4	99.2	8.2
07/30/2023 01:00:00 PM	82.5	6.8	98.2	8.1
07/30/2023 02:00:00 PM	85.9	7.1	98.5	8.1
07/30/2023 03:00:00 PM	91.4	7.6	99.2	8.2
07/30/2023 04:00:00 PM	78.4	6.5	90.1	7.4
07/30/2023 05:00:00 PM	76.0	6.3	89.5	7.4



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Main River Section - Hourly Flow Averages

Start	07/24/2023 12:00:00 AM
End	07/31/2023 12:00:00 AM

Report Generated 07/31/2023 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
07/30/2023 06:00:00 PM	70.1	5.8	87.4	7.2
07/30/2023 07:00:00 PM	70.0	5.8	85.8	7.1
07/30/2023 08:00:00 PM	68.6	5.7	83.3	6.9
07/30/2023 09:00:00 PM	69.3	5.7	83.6	6.9
07/30/2023 10:00:00 PM	72.9	6.0	83.3	6.9
07/30/2023 11:00:00 PM	81.1	6.7	85.8	7.1
Average Flow:	93.53	1,298.65	104.20	1,446.80
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.