



Patterson Irrigation District

Main River Section - Hourly Flow Averages

Start	04/29/2024 12:00:00 AM
End	05/06/2024 12:00:00 AM

Report Generated 05/06/2024 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
04/29/2024 12:00:00 AM	40.6	3.4	54.7	4.5
04/29/2024 01:00:00 AM	42.7	3.5	52.4	4.3
04/29/2024 02:00:00 AM	43.3	3.6	53.2	4.4
04/29/2024 03:00:00 AM	42.8	3.5	54.6	4.5
04/29/2024 04:00:00 AM	48.1	4.0	63.4	5.2
04/29/2024 05:00:00 AM	65.5	5.4	85.7	7.1
04/29/2024 06:00:00 AM	49.8	4.1	65.4	5.4
04/29/2024 07:00:00 AM	60.0	5.0	77.9	6.4
04/29/2024 08:00:00 AM	102.6	8.5	129.0	10.7
04/29/2024 09:00:00 AM	60.1	5.0	90.2	7.5
04/29/2024 10:00:00 AM	71.9	5.9	103.8	8.6
04/29/2024 11:00:00 AM	82.5	6.8	111.5	9.2
04/29/2024 12:00:00 PM	84.3	7.0	107.2	8.9
04/29/2024 01:00:00 PM	85.1	7.0	112.4	9.3
04/29/2024 02:00:00 PM	81.7	6.7	108.6	9.0
04/29/2024 03:00:00 PM	81.2	6.7	108.6	9.0
04/29/2024 04:00:00 PM	81.7	6.8	111.3	9.2
04/29/2024 05:00:00 PM	80.4	6.6	111.3	9.2
04/29/2024 06:00:00 PM	80.8	6.7	106.6	8.8
04/29/2024 07:00:00 PM	80.6	6.7	99.0	8.2
04/29/2024 08:00:00 PM	86.7	7.2	104.0	8.6
04/29/2024 09:00:00 PM	94.0	7.8	112.7	9.3
04/29/2024 10:00:00 PM	79.9	6.6	98.5	8.1
04/29/2024 11:00:00 PM	83.8	6.9	98.7	8.2
04/30/2024 12:00:00 AM	86.2	7.1	99.6	8.2
04/30/2024 01:00:00 AM	85.2	7.0	101.9	8.4
04/30/2024 02:00:00 AM	83.6	6.9	102.7	8.5
04/30/2024 03:00:00 AM	82.1	6.8	101.4	8.4
04/30/2024 04:00:00 AM	87.8	7.3	112.8	9.3
04/30/2024 05:00:00 AM	82.6	6.8	102.2	8.4
04/30/2024 06:00:00 AM	83.2	6.9	99.1	8.2
04/30/2024 07:00:00 AM	100.3	8.3	126.2	10.4
04/30/2024 08:00:00 AM	108.4	9.0	137.7	11.4
04/30/2024 09:00:00 AM	77.4	6.4	111.5	9.2
04/30/2024 10:00:00 AM	79.4	6.6	106.9	8.8
04/30/2024 11:00:00 AM	97.6	8.1	122.1	10.1
04/30/2024 12:00:00 PM	101.9	8.4	119.7	9.9
04/30/2024 01:00:00 PM	80.5	6.7	95.7	7.9
04/30/2024 02:00:00 PM	90.3	7.5	114.8	9.5
04/30/2024 03:00:00 PM	96.3	8.0	123.6	10.2
04/30/2024 04:00:00 PM	77.1	6.4	101.9	8.4
04/30/2024 05:00:00 PM	108.1	8.9	130.7	10.8
04/30/2024 06:00:00 PM	89.4	7.4	112.3	9.3
04/30/2024 07:00:00 PM	77.8	6.4	98.1	8.1
04/30/2024 08:00:00 PM	95.9	7.9	109.8	9.1
04/30/2024 09:00:00 PM	84.6	7.0	96.8	8.0
04/30/2024 10:00:00 PM	88.5	7.3	102.4	8.5
04/30/2024 11:00:00 PM	94.6	7.8	109.5	9.1
05/01/2024 12:00:00 AM	71.4	5.9	85.0	7.0
05/01/2024 01:00:00 AM	107.5	8.9	126.9	10.5
05/01/2024 02:00:00 AM	73.6	6.1	95.0	7.9
05/01/2024 03:00:00 AM	87.6	7.2	112.3	9.3
05/01/2024 04:00:00 AM	88.7	7.3	116.6	9.6
05/01/2024 05:00:00 AM	80.5	6.7	107.9	8.9



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Start	04/29/2024 12:00:00 AM
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Report Generated 05/06/2024 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
05/01/2024 06:00:00 AM	94.5	7.8	123.4	10.2
05/01/2024 07:00:00 AM	108.5	9.0	142.3	11.8
05/01/2024 08:00:00 AM	101.8	8.4	143.3	11.8
05/01/2024 09:00:00 AM	98.4	8.1	136.1	11.2
05/01/2024 10:00:00 AM	106.6	8.8	139.4	11.5
05/01/2024 11:00:00 AM	20.9	1.7	134.9	11.1
05/01/2024 12:00:00 PM	101.0	8.3	126.2	10.4
05/01/2024 01:00:00 PM	100.9	8.3	124.2	10.3
05/01/2024 02:00:00 PM	96.6	8.0	124.4	10.3
05/01/2024 03:00:00 PM	98.5	8.1	122.8	10.2
05/01/2024 04:00:00 PM	104.4	8.6	124.0	10.2
05/01/2024 05:00:00 PM	106.5	8.8	128.0	10.6
05/01/2024 06:00:00 PM	103.0	8.5	125.8	10.4
05/01/2024 07:00:00 PM	103.0	8.5	120.7	10.0
05/01/2024 08:00:00 PM	100.9	8.3	114.1	9.4
05/01/2024 09:00:00 PM	97.8	8.1	112.4	9.3
05/01/2024 10:00:00 PM	97.7	8.1	116.5	9.6
05/01/2024 11:00:00 PM	95.4	7.9	117.6	9.7
05/02/2024 12:00:00 AM	95.5	7.9	115.6	9.6
05/02/2024 01:00:00 AM	95.9	7.9	116.0	9.6
05/02/2024 02:00:00 AM	97.4	8.0	117.2	9.7
05/02/2024 03:00:00 AM	99.9	8.3	118.6	9.8
05/02/2024 04:00:00 AM	99.8	8.2	118.8	9.8
05/02/2024 05:00:00 AM	96.5	8.0	116.4	9.6
05/02/2024 06:00:00 AM	100.3	8.3	120.7	10.0
05/02/2024 07:00:00 AM	103.7	8.6	125.2	10.4
05/02/2024 08:00:00 AM	103.2	8.5	127.2	10.5
05/02/2024 09:00:00 AM	106.1	8.8	131.4	10.9
05/02/2024 10:00:00 AM	107.2	8.9	133.3	11.0
05/02/2024 11:00:00 AM	104.1	8.6	126.5	10.5
05/02/2024 12:00:00 PM	99.4	8.2	126.2	10.4
05/02/2024 01:00:00 PM	104.9	8.7	130.9	10.8
05/02/2024 02:00:00 PM	92.8	7.7	119.3	9.9
05/02/2024 03:00:00 PM	91.9	7.6	115.3	9.5
05/02/2024 04:00:00 PM	117.3	9.7	135.4	11.2
05/02/2024 05:00:00 PM	100.8	8.3	115.3	9.5
05/02/2024 06:00:00 PM	94.7	7.8	112.3	9.3
05/02/2024 07:00:00 PM	119.0	9.8	130.6	10.8
05/02/2024 08:00:00 PM	97.9	8.1	103.0	8.5
05/02/2024 09:00:00 PM	88.8	7.3	101.3	8.4
05/02/2024 10:00:00 PM	95.8	7.9	107.6	8.9
05/02/2024 11:00:00 PM	100.9	8.3	119.5	9.9
05/03/2024 12:00:00 AM	90.7	7.5	107.9	8.9
05/03/2024 01:00:00 AM	88.5	7.3	103.2	8.5
05/03/2024 02:00:00 AM	91.5	7.6	112.8	9.3
05/03/2024 03:00:00 AM	87.6	7.2	110.1	9.1
05/03/2024 04:00:00 AM	87.6	7.2	108.9	9.0
05/03/2024 05:00:00 AM	86.4	7.1	100.6	8.3
05/03/2024 06:00:00 AM	106.0	8.8	131.1	10.8
05/03/2024 07:00:00 AM	94.9	7.8	116.1	9.6
05/03/2024 08:00:00 AM	78.5	6.5	105.3	8.7
05/03/2024 09:00:00 AM	86.1	7.1	116.9	9.7
05/03/2024 10:00:00 AM	87.1	7.2	121.9	10.1
05/03/2024 11:00:00 AM	81.5	6.7	115.3	9.5



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Main River Section - Hourly Flow Averages

Start	04/29/2024 12:00:00 AM
End	05/06/2024 12:00:00 AM

Report Generated 05/06/2024 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
05/03/2024 12:00:00 PM	90.1	7.4	119.2	9.9
05/03/2024 01:00:00 PM	97.1	8.0	126.8	10.5
05/03/2024 02:00:00 PM	93.4	7.7	122.2	10.1
05/03/2024 03:00:00 PM	60.8	5.0	91.0	7.5
05/03/2024 04:00:00 PM	111.2	9.2	137.1	11.3
05/03/2024 05:00:00 PM	76.6	6.3	103.8	8.6
05/03/2024 06:00:00 PM	69.9	5.8	89.8	7.4
05/03/2024 07:00:00 PM	85.7	7.1	100.0	8.3
05/03/2024 08:00:00 PM	75.1	6.2	91.1	7.5
05/03/2024 09:00:00 PM	78.2	6.5	99.5	8.2
05/03/2024 10:00:00 PM	79.5	6.6	99.3	8.2
05/03/2024 11:00:00 PM	79.5	6.6	97.2	8.0
05/04/2024 12:00:00 AM	79.6	6.6	97.4	8.0
05/04/2024 01:00:00 AM	76.9	6.4	92.4	7.6
05/04/2024 02:00:00 AM	81.7	6.8	95.8	7.9
05/04/2024 03:00:00 AM	81.0	6.7	94.5	7.8
05/04/2024 04:00:00 AM	81.3	6.7	94.5	7.8
05/04/2024 05:00:00 AM	74.8	6.2	89.8	7.4
05/04/2024 06:00:00 AM	76.2	6.3	86.3	7.1
05/04/2024 07:00:00 AM	73.0	6.0	77.4	6.4
05/04/2024 08:00:00 AM	69.4	5.7	72.6	6.0
05/04/2024 09:00:00 AM	68.7	5.7	56.1	4.6
05/04/2024 10:00:00 AM	52.0	4.3	48.8	4.0
05/04/2024 11:00:00 AM	60.5	5.0	52.7	4.4
05/04/2024 12:00:00 PM	33.8	2.8	53.5	4.4
05/04/2024 01:00:00 PM	59.8	4.9	90.7	7.5
05/04/2024 02:00:00 PM	45.0	3.7	61.0	5.0
05/04/2024 03:00:00 PM	50.6	4.2	72.9	6.0
05/04/2024 04:00:00 PM	56.2	4.6	73.4	6.1
05/04/2024 05:00:00 PM	47.8	4.0	58.9	4.9
05/04/2024 06:00:00 PM	51.3	4.2	67.4	5.6
05/04/2024 07:00:00 PM	55.3	4.6	69.8	5.8
05/04/2024 08:00:00 PM	47.6	3.9	60.3	5.0
05/04/2024 09:00:00 PM	49.7	4.1	62.6	5.2
05/04/2024 10:00:00 PM	54.0	4.5	67.2	5.6
05/04/2024 11:00:00 PM	49.5	4.1	66.0	5.5
05/05/2024 12:00:00 AM	49.7	4.1	65.3	5.4
05/05/2024 01:00:00 AM	52.3	4.3	60.6	5.0
05/05/2024 02:00:00 AM	48.6	4.0	63.6	5.3
05/05/2024 03:00:00 AM	48.6	4.0	65.7	5.4
05/05/2024 04:00:00 AM	51.4	4.2	66.7	5.5
05/05/2024 05:00:00 AM	53.2	4.4	63.4	5.2
05/05/2024 06:00:00 AM	52.4	4.3	64.9	5.4
05/05/2024 07:00:00 AM	47.0	3.9	63.5	5.2
05/05/2024 08:00:00 AM	49.6	4.1	66.8	5.5
05/05/2024 09:00:00 AM	48.7	4.0	67.5	5.6
05/05/2024 10:00:00 AM	52.7	4.4	66.7	5.5
05/05/2024 11:00:00 AM	54.9	4.5	67.1	5.5
05/05/2024 12:00:00 PM	52.3	4.3	65.7	5.4
05/05/2024 01:00:00 PM	54.3	4.5	75.3	6.2
05/05/2024 02:00:00 PM	51.3	4.2	73.5	6.1
05/05/2024 03:00:00 PM	51.8	4.3	70.4	5.8
05/05/2024 04:00:00 PM	51.6	4.3	77.1	6.4
05/05/2024 05:00:00 PM	49.9	4.1	76.7	6.3



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Main River Section - Hourly Flow Averages

Start	04/29/2024 12:00:00 AM
End	05/06/2024 12:00:00 AM

Report Generated 05/06/2024 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
05/05/2024 06:00:00 PM	50.4	4.2	73.7	6.1
05/05/2024 07:00:00 PM	52.1	4.3	72.1	6.0
05/05/2024 08:00:00 PM	51.7	4.3	67.2	5.6
05/05/2024 09:00:00 PM	51.5	4.3	63.7	5.3
05/05/2024 10:00:00 PM	49.2	4.1	66.7	5.5
05/05/2024 11:00:00 PM	48.2	4.0	65.0	5.4
Average Flow:	78.99	1,096.73	99.29	1,378.61
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.