



Patterson Irrigation District

Main River Section - Hourly Flow Averages

Start	04/25/2022 12:00:00 AM
End	05/02/2022 12:00:00 AM

Report Generated 05/02/2022 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
04/25/2022 12:00:00 AM	61.1	5.0	73.3	6.1
04/25/2022 01:00:00 AM	56.6	4.7	68.9	5.7
04/25/2022 02:00:00 AM	62.3	5.2	73.8	6.1
04/25/2022 03:00:00 AM	62.6	5.2	71.4	5.9
04/25/2022 04:00:00 AM	62.0	5.1	70.4	5.8
04/25/2022 05:00:00 AM	70.4	5.8	77.4	6.4
04/25/2022 06:00:00 AM	76.4	6.3	84.3	7.0
04/25/2022 07:00:00 AM	80.4	6.6	87.8	7.3
04/25/2022 08:00:00 AM	80.2	6.6	88.6	7.3
04/25/2022 09:00:00 AM	78.8	6.5	86.7	7.2
04/25/2022 10:00:00 AM	74.0	6.1	82.8	6.8
04/25/2022 11:00:00 AM	80.0	6.6	87.3	7.2
04/25/2022 12:00:00 PM	78.9	6.5	87.1	7.2
04/25/2022 01:00:00 PM	81.7	6.7	94.0	7.8
04/25/2022 02:00:00 PM	84.9	7.0	92.4	7.6
04/25/2022 03:00:00 PM	83.7	6.9	93.9	7.8
04/25/2022 04:00:00 PM	84.9	7.0	98.8	8.2
04/25/2022 05:00:00 PM	68.1	5.6	81.0	6.7
04/25/2022 06:00:00 PM	73.1	6.0	86.7	7.2
04/25/2022 07:00:00 PM	70.4	5.8	81.3	6.7
04/25/2022 08:00:00 PM	72.9	6.0	81.7	6.7
04/25/2022 09:00:00 PM	67.6	5.6	81.1	6.7
04/25/2022 10:00:00 PM	65.6	5.4	82.5	6.8
04/25/2022 11:00:00 PM	72.5	6.0	82.1	6.8
04/26/2022 12:00:00 AM	74.5	6.2	83.3	6.9
04/26/2022 01:00:00 AM	67.6	5.6	80.7	6.7
04/26/2022 02:00:00 AM	70.1	5.8	83.5	6.9
04/26/2022 03:00:00 AM	72.4	6.0	82.0	6.8
04/26/2022 04:00:00 AM	69.0	5.7	82.4	6.8
04/26/2022 05:00:00 AM	71.4	5.9	84.4	7.0
04/26/2022 06:00:00 AM	84.0	6.9	92.6	7.6
04/26/2022 07:00:00 AM	90.0	7.4	93.7	7.7
04/26/2022 08:00:00 AM	112.7	9.3	113.7	9.4
04/26/2022 09:00:00 AM	102.2	8.4	106.1	8.8
04/26/2022 10:00:00 AM	105.1	8.7	107.0	8.8
04/26/2022 11:00:00 AM	101.2	8.4	110.6	9.1
04/26/2022 12:00:00 PM	107.5	8.9	118.7	9.8
04/26/2022 01:00:00 PM	109.2	9.0	125.7	10.4
04/26/2022 02:00:00 PM	112.6	9.3	125.7	10.4
04/26/2022 03:00:00 PM	106.9	8.8	125.9	10.4
04/26/2022 04:00:00 PM	106.5	8.8	122.4	10.1
04/26/2022 05:00:00 PM	107.3	8.9	118.7	9.8
04/26/2022 06:00:00 PM	107.2	8.9	112.8	9.3
04/26/2022 07:00:00 PM	103.4	8.5	108.1	8.9
04/26/2022 08:00:00 PM	100.6	8.3	107.8	8.9
04/26/2022 09:00:00 PM	99.8	8.2	109.4	9.0
04/26/2022 10:00:00 PM	107.1	8.9	109.3	9.0
04/26/2022 11:00:00 PM	109.0	9.0	109.8	9.1
04/27/2022 12:00:00 AM	103.3	8.5	107.8	8.9
04/27/2022 01:00:00 AM	103.1	8.5	109.4	9.0
04/27/2022 02:00:00 AM	105.4	8.7	108.5	9.0
04/27/2022 03:00:00 AM	104.8	8.7	106.8	8.8
04/27/2022 04:00:00 AM	102.9	8.5	108.0	8.9
04/27/2022 05:00:00 AM	108.2	8.9	109.8	9.1



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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
04/27/2022 06:00:00 AM	106.5	8.8	107.6	8.9
04/27/2022 07:00:00 AM	103.0	8.5	106.7	8.8
04/27/2022 08:00:00 AM	102.8	8.5	106.2	8.8
04/27/2022 09:00:00 AM	99.8	8.2	102.7	8.5
04/27/2022 10:00:00 AM	96.6	8.0	100.7	8.3
04/27/2022 11:00:00 AM	96.6	8.0	102.7	8.5
04/27/2022 12:00:00 PM	95.8	7.9	105.1	8.7
04/27/2022 01:00:00 PM	96.0	7.9	109.2	9.0
04/27/2022 02:00:00 PM	96.2	8.0	104.5	8.6
04/27/2022 03:00:00 PM	90.8	7.5	107.2	8.9
04/27/2022 04:00:00 PM	83.9	6.9	104.3	8.6
04/27/2022 05:00:00 PM	87.1	7.2	102.2	8.4
04/27/2022 06:00:00 PM	86.1	7.1	101.1	8.4
04/27/2022 07:00:00 PM	85.4	7.1	95.0	7.8
04/27/2022 08:00:00 PM	79.6	6.6	92.6	7.6
04/27/2022 09:00:00 PM	80.1	6.6	93.6	7.7
04/27/2022 10:00:00 PM	83.7	6.9	92.9	7.7
04/27/2022 11:00:00 PM	84.3	7.0	93.4	7.7
04/28/2022 12:00:00 AM	80.8	6.7	91.7	7.6
04/28/2022 01:00:00 AM	80.0	6.6	91.0	7.5
04/28/2022 02:00:00 AM	82.1	6.8	91.3	7.5
04/28/2022 03:00:00 AM	82.1	6.8	90.3	7.5
04/28/2022 04:00:00 AM	81.4	6.7	89.8	7.4
04/28/2022 05:00:00 AM	84.0	6.9	91.0	7.5
04/28/2022 06:00:00 AM	91.7	7.6	98.9	8.2
04/28/2022 07:00:00 AM	91.1	7.5	94.9	7.8
04/28/2022 08:00:00 AM	102.0	8.4	103.1	8.5
04/28/2022 09:00:00 AM	106.7	8.8	107.9	8.9
04/28/2022 10:00:00 AM	107.2	8.9	109.4	9.0
04/28/2022 11:00:00 AM	107.6	8.9	106.4	8.8
04/28/2022 12:00:00 PM	104.5	8.6	106.5	8.8
04/28/2022 01:00:00 PM	102.6	8.5	119.0	9.8
04/28/2022 02:00:00 PM	97.7	8.1	117.4	9.7
04/28/2022 03:00:00 PM	104.8	8.7	121.9	10.1
04/28/2022 04:00:00 PM	101.9	8.4	119.5	9.9
04/28/2022 05:00:00 PM	98.8	8.2	117.5	9.7
04/28/2022 06:00:00 PM	97.7	8.1	113.9	9.4
04/28/2022 07:00:00 PM	99.9	8.3	108.0	8.9
04/28/2022 08:00:00 PM	105.0	8.7	106.3	8.8
04/28/2022 09:00:00 PM	103.4	8.5	105.5	8.7
04/28/2022 10:00:00 PM	100.8	8.3	107.0	8.8
04/28/2022 11:00:00 PM	99.5	8.2	105.5	8.7
04/29/2022 12:00:00 AM	100.0	8.3	107.8	8.9
04/29/2022 01:00:00 AM	100.0	8.3	106.7	8.8
04/29/2022 02:00:00 AM	99.2	8.2	105.8	8.7
04/29/2022 03:00:00 AM	103.2	8.5	105.9	8.7
04/29/2022 04:00:00 AM	104.4	8.6	106.4	8.8
04/29/2022 05:00:00 AM	102.3	8.5	106.6	8.8
04/29/2022 06:00:00 AM	110.0	9.1	111.7	9.2
04/29/2022 07:00:00 AM	114.5	9.5	120.6	10.0
04/29/2022 08:00:00 AM	111.0	9.2	128.1	10.6
04/29/2022 09:00:00 AM	112.8	9.3	125.2	10.3
04/29/2022 10:00:00 AM	116.0	9.6	128.3	10.6
04/29/2022 11:00:00 AM	115.6	9.6	123.3	10.2



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Report Generated 05/02/2022 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
04/29/2022 12:00:00 PM	114.3	9.4	117.8	9.7
04/29/2022 01:00:00 PM	111.6	9.2	121.3	10.0
04/29/2022 02:00:00 PM	109.2	9.0	122.4	10.1
04/29/2022 03:00:00 PM	109.8	9.1	123.8	10.2
04/29/2022 04:00:00 PM	108.7	9.0	126.0	10.4
04/29/2022 05:00:00 PM	108.6	9.0	123.7	10.2
04/29/2022 06:00:00 PM	107.9	8.9	115.0	9.5
04/29/2022 07:00:00 PM	107.2	8.9	111.5	9.2
04/29/2022 08:00:00 PM	108.6	9.0	109.6	9.1
04/29/2022 09:00:00 PM	110.0	9.1	111.6	9.2
04/29/2022 10:00:00 PM	107.1	8.9	112.4	9.3
04/29/2022 11:00:00 PM	105.0	8.7	113.1	9.3
04/30/2022 12:00:00 AM	102.6	8.5	110.6	9.1
04/30/2022 01:00:00 AM	104.4	8.6	108.1	8.9
04/30/2022 02:00:00 AM	103.1	8.5	108.1	8.9
04/30/2022 03:00:00 AM	105.8	8.7	109.4	9.0
04/30/2022 04:00:00 AM	107.7	8.9	109.4	9.0
04/30/2022 05:00:00 AM	107.5	8.9	110.4	9.1
04/30/2022 06:00:00 AM	110.2	9.1	112.6	9.3
04/30/2022 07:00:00 AM	115.9	9.6	116.5	9.6
04/30/2022 08:00:00 AM	115.5	9.5	117.8	9.7
04/30/2022 09:00:00 AM	115.5	9.5	117.5	9.7
04/30/2022 10:00:00 AM	114.0	9.4	117.3	9.7
04/30/2022 11:00:00 AM	116.4	9.6	126.7	10.5
04/30/2022 12:00:00 PM	112.0	9.3	123.3	10.2
04/30/2022 01:00:00 PM	112.7	9.3	125.0	10.3
04/30/2022 02:00:00 PM	116.0	9.6	134.3	11.1
04/30/2022 03:00:00 PM	110.4	9.1	139.5	11.5
04/30/2022 04:00:00 PM	101.5	8.4	130.5	10.8
04/30/2022 05:00:00 PM	102.6	8.5	123.5	10.2
04/30/2022 06:00:00 PM	98.3	8.1	114.8	9.5
04/30/2022 07:00:00 PM	89.1	7.4	99.0	8.2
04/30/2022 08:00:00 PM	91.4	7.6	99.4	8.2
04/30/2022 09:00:00 PM	97.7	8.1	102.4	8.5
04/30/2022 10:00:00 PM	100.5	8.3	102.2	8.4
04/30/2022 11:00:00 PM	96.9	8.0	102.7	8.5
05/01/2022 12:00:00 AM	88.2	7.3	95.8	7.9
05/01/2022 01:00:00 AM	93.5	7.7	96.5	8.0
05/01/2022 02:00:00 AM	89.9	7.4	95.8	7.9
05/01/2022 03:00:00 AM	92.4	7.6	97.2	8.0
05/01/2022 04:00:00 AM	92.0	7.6	95.1	7.9
05/01/2022 05:00:00 AM	89.9	7.4	92.8	7.7
05/01/2022 06:00:00 AM	91.3	7.5	93.7	7.7
05/01/2022 07:00:00 AM	94.2	7.8	95.3	7.9
05/01/2022 08:00:00 AM	90.0	7.4	99.8	8.2
05/01/2022 09:00:00 AM	90.5	7.5	107.7	8.9
05/01/2022 10:00:00 AM	89.6	7.4	96.0	7.9
05/01/2022 11:00:00 AM	85.9	7.1	103.3	8.5
05/01/2022 12:00:00 PM	87.6	7.2	101.7	8.4
05/01/2022 01:00:00 PM	82.8	6.8	100.7	8.3
05/01/2022 02:00:00 PM	80.5	6.7	92.8	7.7
05/01/2022 03:00:00 PM	83.6	6.9	95.1	7.9
05/01/2022 04:00:00 PM	85.4	7.1	96.5	8.0
05/01/2022 05:00:00 PM	82.0	6.8	91.8	7.6



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Main River Section - Hourly Flow Averages

Start	04/25/2022 12:00:00 AM
End	05/02/2022 12:00:00 AM

Report Generated 05/02/2022 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
05/01/2022 06:00:00 PM	78.4	6.5	93.1	7.7
05/01/2022 07:00:00 PM	76.7	6.3	86.9	7.2
05/01/2022 08:00:00 PM	79.7	6.6	86.4	7.1
05/01/2022 09:00:00 PM	85.8	7.1	92.0	7.6
05/01/2022 10:00:00 PM	82.9	6.9	90.3	7.5
05/01/2022 11:00:00 PM	80.4	6.6	91.6	7.6
Average Flow:	94.40	1,310.74	103.18	1,432.58
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.