



Patterson Irrigation District

Main River Section - Hourly Flow Averages

Start	08/07/2023 12:00:00 AM
End	08/14/2023 12:00:00 AM

Report Generated 08/14/2023 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
08/07/2023 12:00:00 AM	83.9	6.9	99.0	8.2
08/07/2023 01:00:00 AM	97.0	8.0	105.6	8.7
08/07/2023 02:00:00 AM	87.5	7.2	98.5	8.1
08/07/2023 03:00:00 AM	101.1	8.4	109.9	9.1
08/07/2023 04:00:00 AM	94.1	7.8	106.7	8.8
08/07/2023 05:00:00 AM	95.0	7.9	105.0	8.7
08/07/2023 06:00:00 AM	103.1	8.5	109.9	9.1
08/07/2023 07:00:00 AM	117.0	9.7	122.8	10.1
08/07/2023 08:00:00 AM	116.6	9.6	124.4	10.3
08/07/2023 09:00:00 AM	120.0	9.9	128.2	10.6
08/07/2023 10:00:00 AM	118.4	9.8	129.8	10.7
08/07/2023 11:00:00 AM	116.1	9.6	134.5	11.1
08/07/2023 12:00:00 PM	124.4	10.3	132.4	10.9
08/07/2023 01:00:00 PM	131.3	10.9	122.5	10.1
08/07/2023 02:00:00 PM	126.0	10.4	129.4	10.7
08/07/2023 03:00:00 PM	112.4	9.3	121.7	10.1
08/07/2023 04:00:00 PM	104.7	8.6	118.3	9.8
08/07/2023 05:00:00 PM	108.3	9.0	120.8	10.0
08/07/2023 06:00:00 PM	107.3	8.9	117.9	9.7
08/07/2023 07:00:00 PM	108.6	9.0	118.8	9.8
08/07/2023 08:00:00 PM	101.1	8.4	116.0	9.6
08/07/2023 09:00:00 PM	103.6	8.6	116.8	9.7
08/07/2023 10:00:00 PM	106.3	8.8	118.0	9.7
08/07/2023 11:00:00 PM	103.4	8.5	117.3	9.7
08/08/2023 12:00:00 AM	106.6	8.8	117.5	9.7
08/08/2023 01:00:00 AM	103.1	8.5	115.7	9.6
08/08/2023 02:00:00 AM	101.4	8.4	114.9	9.5
08/08/2023 03:00:00 AM	100.5	8.3	116.2	9.6
08/08/2023 04:00:00 AM	91.6	7.6	109.0	9.0
08/08/2023 05:00:00 AM	92.7	7.7	114.0	9.4
08/08/2023 06:00:00 AM	100.9	8.3	120.2	9.9
08/08/2023 07:00:00 AM	97.6	8.1	113.0	9.3
08/08/2023 08:00:00 AM	92.7	7.7	110.1	9.1
08/08/2023 09:00:00 AM	92.3	7.6	114.1	9.4
08/08/2023 10:00:00 AM	103.6	8.6	122.4	10.1
08/08/2023 11:00:00 AM	98.6	8.1	112.7	9.3
08/08/2023 12:00:00 PM	99.9	8.3	114.9	9.5
08/08/2023 01:00:00 PM	102.8	8.5	119.5	9.9
08/08/2023 02:00:00 PM	102.4	8.5	116.8	9.7
08/08/2023 03:00:00 PM	102.5	8.5	121.2	10.0
08/08/2023 04:00:00 PM	93.9	7.8	114.0	9.4
08/08/2023 05:00:00 PM	102.3	8.5	117.7	9.7
08/08/2023 06:00:00 PM	99.2	8.2	115.8	9.6
08/08/2023 07:00:00 PM	99.8	8.2	111.7	9.2
08/08/2023 08:00:00 PM	97.5	8.1	105.2	8.7
08/08/2023 09:00:00 PM	97.3	8.0	108.7	9.0
08/08/2023 10:00:00 PM	99.5	8.2	111.1	9.2
08/08/2023 11:00:00 PM	107.7	8.9	110.5	9.1
08/09/2023 12:00:00 AM	102.1	8.4	108.6	9.0
08/09/2023 01:00:00 AM	92.9	7.7	109.1	9.0
08/09/2023 02:00:00 AM	84.4	7.0	107.5	8.9
08/09/2023 03:00:00 AM	88.8	7.3	108.4	9.0
08/09/2023 04:00:00 AM	94.3	7.8	113.2	9.4
08/09/2023 05:00:00 AM	97.1	8.0	116.4	9.6



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Start	08/07/2023 12:00:00 AM
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Report Generated 08/14/2023 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
08/09/2023 06:00:00 AM	97.9	8.1	124.5	10.3
08/09/2023 07:00:00 AM	112.4	9.3	130.6	10.8
08/09/2023 08:00:00 AM	108.1	8.9	130.1	10.8
08/09/2023 09:00:00 AM	110.1	9.1	129.7	10.7
08/09/2023 10:00:00 AM	108.9	9.0	126.4	10.4
08/09/2023 11:00:00 AM	110.7	9.1	125.9	10.4
08/09/2023 12:00:00 PM	110.8	9.2	126.2	10.4
08/09/2023 01:00:00 PM	117.6	9.7	128.0	10.6
08/09/2023 02:00:00 PM	114.8	9.5	130.1	10.7
08/09/2023 03:00:00 PM	118.9	9.8	131.7	10.9
08/09/2023 04:00:00 PM	106.5	8.8	125.7	10.4
08/09/2023 05:00:00 PM	109.9	9.1	124.3	10.3
08/09/2023 06:00:00 PM	102.5	8.5	119.5	9.9
08/09/2023 07:00:00 PM	109.4	9.0	120.1	9.9
08/09/2023 08:00:00 PM	104.1	8.6	119.2	9.8
08/09/2023 09:00:00 PM	112.5	9.3	118.8	9.8
08/09/2023 10:00:00 PM	108.5	9.0	119.2	9.9
08/09/2023 11:00:00 PM	104.8	8.7	120.4	10.0
08/10/2023 12:00:00 AM	92.3	7.6	118.5	9.8
08/10/2023 01:00:00 AM	99.4	8.2	120.5	10.0
08/10/2023 02:00:00 AM	98.3	8.1	120.0	9.9
08/10/2023 03:00:00 AM	104.8	8.7	121.5	10.0
08/10/2023 04:00:00 AM	105.0	8.7	123.3	10.2
08/10/2023 05:00:00 AM	102.2	8.4	121.7	10.1
08/10/2023 06:00:00 AM	104.5	8.6	124.4	10.3
08/10/2023 07:00:00 AM	118.5	9.8	127.8	10.6
08/10/2023 08:00:00 AM	119.8	9.9	129.6	10.7
08/10/2023 09:00:00 AM	120.3	9.9	129.3	10.7
08/10/2023 10:00:00 AM	119.2	9.9	131.4	10.9
08/10/2023 11:00:00 AM	113.8	9.4	133.7	11.0
08/10/2023 12:00:00 PM	108.7	9.0	132.5	10.9
08/10/2023 01:00:00 PM	118.1	9.8	131.9	10.9
08/10/2023 02:00:00 PM	126.5	10.5	132.6	11.0
08/10/2023 03:00:00 PM	117.5	9.7	126.3	10.4
08/10/2023 04:00:00 PM	104.2	8.6	127.6	10.5
08/10/2023 05:00:00 PM	106.2	8.8	128.1	10.6
08/10/2023 06:00:00 PM	105.2	8.7	127.4	10.5
08/10/2023 07:00:00 PM	109.3	9.0	126.4	10.4
08/10/2023 08:00:00 PM	114.3	9.4	121.2	10.0
08/10/2023 09:00:00 PM	111.6	9.2	121.0	10.0
08/10/2023 10:00:00 PM	104.4	8.6	123.6	10.2
08/10/2023 11:00:00 PM	102.7	8.5	123.6	10.2
08/11/2023 12:00:00 AM	102.5	8.5	124.0	10.2
08/11/2023 01:00:00 AM	96.6	8.0	124.4	10.3
08/11/2023 02:00:00 AM	98.5	8.1	124.6	10.3
08/11/2023 03:00:00 AM	107.9	8.9	126.6	10.5
08/11/2023 04:00:00 AM	112.4	9.3	127.3	10.5
08/11/2023 05:00:00 AM	118.3	9.8	128.1	10.6
08/11/2023 06:00:00 AM	118.2	9.8	128.7	10.6
08/11/2023 07:00:00 AM	121.2	10.0	130.0	10.7
08/11/2023 08:00:00 AM	103.7	8.6	129.9	10.7
08/11/2023 09:00:00 AM	115.5	9.5	130.9	10.8
08/11/2023 10:00:00 AM	116.5	9.6	130.6	10.8
08/11/2023 11:00:00 AM	118.6	9.8	130.4	10.8



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Start	08/07/2023 12:00:00 AM
End	08/14/2023 12:00:00 AM

Report Generated 08/14/2023 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
08/11/2023 12:00:00 PM	120.8	10.0	132.5	11.0
08/11/2023 01:00:00 PM	116.6	9.6	130.3	10.8
08/11/2023 02:00:00 PM	114.9	9.5	129.4	10.7
08/11/2023 03:00:00 PM	125.5	10.4	129.1	10.7
08/11/2023 04:00:00 PM	118.6	9.8	130.1	10.8
08/11/2023 05:00:00 PM	115.0	9.5	128.7	10.6
08/11/2023 06:00:00 PM	116.7	9.6	128.1	10.6
08/11/2023 07:00:00 PM	124.6	10.3	127.7	10.6
08/11/2023 08:00:00 PM	112.3	9.3	115.7	9.6
08/11/2023 09:00:00 PM	112.5	9.3	126.2	10.4
08/11/2023 10:00:00 PM	108.9	9.0	120.4	9.9
08/11/2023 11:00:00 PM	111.6	9.2	118.6	9.8
08/12/2023 12:00:00 AM	111.7	9.2	121.5	10.0
08/12/2023 01:00:00 AM	96.6	8.0	116.2	9.6
08/12/2023 02:00:00 AM	101.6	8.4	118.3	9.8
08/12/2023 03:00:00 AM	101.1	8.4	116.9	9.7
08/12/2023 04:00:00 AM	104.2	8.6	121.1	10.0
08/12/2023 05:00:00 AM	110.3	9.1	123.2	10.2
08/12/2023 06:00:00 AM	106.6	8.8	118.3	9.8
08/12/2023 07:00:00 AM	114.5	9.5	118.3	9.8
08/12/2023 08:00:00 AM	113.1	9.3	123.3	10.2
08/12/2023 09:00:00 AM	104.9	8.7	125.4	10.4
08/12/2023 10:00:00 AM	107.9	8.9	125.9	10.4
08/12/2023 11:00:00 AM	115.3	9.5	128.8	10.6
08/12/2023 12:00:00 PM	111.4	9.2	131.0	10.8
08/12/2023 01:00:00 PM	116.8	9.6	132.2	10.9
08/12/2023 02:00:00 PM	108.4	9.0	130.1	10.8
08/12/2023 03:00:00 PM	113.0	9.3	125.9	10.4
08/12/2023 04:00:00 PM	113.9	9.4	130.5	10.8
08/12/2023 05:00:00 PM	109.6	9.1	126.9	10.5
08/12/2023 06:00:00 PM	113.0	9.3	119.6	9.9
08/12/2023 07:00:00 PM	119.5	9.9	119.8	9.9
08/12/2023 08:00:00 PM	94.1	7.8	106.2	8.8
08/12/2023 09:00:00 PM	93.2	7.7	111.8	9.2
08/12/2023 10:00:00 PM	93.2	7.7	111.1	9.2
08/12/2023 11:00:00 PM	105.5	8.7	118.0	9.8
08/13/2023 12:00:00 AM	98.1	8.1	107.9	8.9
08/13/2023 01:00:00 AM	96.1	7.9	108.6	9.0
08/13/2023 02:00:00 AM	91.0	7.5	109.8	9.1
08/13/2023 03:00:00 AM	95.8	7.9	108.5	9.0
08/13/2023 04:00:00 AM	93.5	7.7	103.3	8.5
08/13/2023 05:00:00 AM	101.6	8.4	111.0	9.2
08/13/2023 06:00:00 AM	92.5	7.6	108.4	9.0
08/13/2023 07:00:00 AM	93.6	7.7	104.1	8.6
08/13/2023 08:00:00 AM	83.6	6.9	101.7	8.4
08/13/2023 09:00:00 AM	80.7	6.7	101.4	8.4
08/13/2023 10:00:00 AM	75.3	6.2	92.7	7.7
08/13/2023 11:00:00 AM	89.4	7.4	103.3	8.5
08/13/2023 12:00:00 PM	80.1	6.6	102.2	8.4
08/13/2023 01:00:00 PM	81.0	6.7	105.1	8.7
08/13/2023 02:00:00 PM	78.8	6.5	96.5	8.0
08/13/2023 03:00:00 PM	87.6	7.2	99.7	8.2
08/13/2023 04:00:00 PM	80.8	6.7	95.4	7.9
08/13/2023 05:00:00 PM	78.2	6.5	86.0	7.1



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Main River Section - Hourly Flow Averages

Start	08/07/2023 12:00:00 AM
End	08/14/2023 12:00:00 AM

Report Generated 08/14/2023 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
08/13/2023 06:00:00 PM	74.6	6.2	95.3	7.9
08/13/2023 07:00:00 PM	80.2	6.6	89.0	7.4
08/13/2023 08:00:00 PM	76.2	6.3	75.5	6.2
08/13/2023 09:00:00 PM	72.3	6.0	94.7	7.8
08/13/2023 10:00:00 PM	78.2	6.5	85.4	7.1
08/13/2023 11:00:00 PM	77.6	6.4	87.2	7.2
Average Flow:	104.00	1,443.99	118.18	1,640.84
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.