



Patterson Irrigation District

Main River Section - Hourly Flow Averages

Start	08/14/2023 12:00:00 AM
End	08/21/2023 12:00:00 AM

Report Generated 08/21/2023 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
08/14/2023 12:00:00 AM	66.1	5.5	90.0	7.4
08/14/2023 01:00:00 AM	68.1	5.6	89.4	7.4
08/14/2023 02:00:00 AM	71.1	5.9	88.7	7.3
08/14/2023 03:00:00 AM	74.4	6.1	88.8	7.3
08/14/2023 04:00:00 AM	73.0	6.0	90.9	7.5
08/14/2023 05:00:00 AM	79.1	6.5	96.8	8.0
08/14/2023 06:00:00 AM	84.7	7.0	96.9	8.0
08/14/2023 07:00:00 AM	90.7	7.5	100.6	8.3
08/14/2023 08:00:00 AM	92.9	7.7	99.4	8.2
08/14/2023 09:00:00 AM	101.5	8.4	113.1	9.3
08/14/2023 10:00:00 AM	101.0	8.3	118.1	9.8
08/14/2023 11:00:00 AM	100.4	8.3	115.5	9.5
08/14/2023 12:00:00 PM	105.0	8.7	117.5	9.7
08/14/2023 01:00:00 PM	98.9	8.2	120.2	9.9
08/14/2023 02:00:00 PM	108.1	8.9	126.4	10.4
08/14/2023 03:00:00 PM	114.2	9.4	121.9	10.1
08/14/2023 04:00:00 PM	101.9	8.4	113.3	9.4
08/14/2023 05:00:00 PM	116.8	9.7	123.9	10.2
08/14/2023 06:00:00 PM	102.6	8.5	109.5	9.1
08/14/2023 07:00:00 PM	111.7	9.2	112.9	9.3
08/14/2023 08:00:00 PM	112.3	9.3	116.0	9.6
08/14/2023 09:00:00 PM	97.7	8.1	109.9	9.1
08/14/2023 10:00:00 PM	99.6	8.2	113.6	9.4
08/14/2023 11:00:00 PM	100.3	8.3	111.3	9.2
08/15/2023 12:00:00 AM	94.2	7.8	113.9	9.4
08/15/2023 01:00:00 AM	96.5	8.0	112.8	9.3
08/15/2023 02:00:00 AM	95.0	7.9	111.6	9.2
08/15/2023 03:00:00 AM	102.5	8.5	112.5	9.3
08/15/2023 04:00:00 AM	101.3	8.4	118.1	9.8
08/15/2023 05:00:00 AM	101.9	8.4	114.4	9.5
08/15/2023 06:00:00 AM	106.4	8.8	120.7	10.0
08/15/2023 07:00:00 AM	113.3	9.4	123.9	10.2
08/15/2023 08:00:00 AM	115.5	9.5	124.7	10.3
08/15/2023 09:00:00 AM	101.5	8.4	117.3	9.7
08/15/2023 10:00:00 AM	111.2	9.2	123.2	10.2
08/15/2023 11:00:00 AM	114.2	9.4	130.2	10.8
08/15/2023 12:00:00 PM	109.9	9.1	129.8	10.7
08/15/2023 01:00:00 PM	116.0	9.6	126.2	10.4
08/15/2023 02:00:00 PM	110.7	9.1	122.6	10.1
08/15/2023 03:00:00 PM	103.7	8.6	121.7	10.1
08/15/2023 04:00:00 PM	90.2	7.5	117.2	9.7
08/15/2023 05:00:00 PM	92.1	7.6	117.9	9.7
08/15/2023 06:00:00 PM	93.5	7.7	114.0	9.4
08/15/2023 07:00:00 PM	96.9	8.0	112.7	9.3
08/15/2023 08:00:00 PM	99.1	8.2	110.9	9.2
08/15/2023 09:00:00 PM	101.5	8.4	112.1	9.3
08/15/2023 10:00:00 PM	97.5	8.1	112.9	9.3
08/15/2023 11:00:00 PM	100.7	8.3	113.4	9.4
08/16/2023 12:00:00 AM	102.7	8.5	112.7	9.3
08/16/2023 01:00:00 AM	104.4	8.6	112.4	9.3
08/16/2023 02:00:00 AM	101.1	8.4	112.3	9.3
08/16/2023 03:00:00 AM	109.3	9.0	112.8	9.3
08/16/2023 04:00:00 AM	111.7	9.2	114.7	9.5
08/16/2023 05:00:00 AM	116.3	9.6	120.6	10.0



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Start	08/14/2023 12:00:00 AM
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Report Generated 08/21/2023 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
08/16/2023 06:00:00 AM	124.2	10.3	125.2	10.3
08/16/2023 07:00:00 AM	116.6	9.6	121.3	10.0
08/16/2023 08:00:00 AM	115.0	9.5	121.5	10.0
08/16/2023 09:00:00 AM	114.3	9.4	124.9	10.3
08/16/2023 10:00:00 AM	117.6	9.7	124.7	10.3
08/16/2023 11:00:00 AM	111.7	9.2	127.2	10.5
08/16/2023 12:00:00 PM	120.7	10.0	123.5	10.2
08/16/2023 01:00:00 PM	116.2	9.6	122.9	10.2
08/16/2023 02:00:00 PM	107.0	8.8	122.3	10.1
08/16/2023 03:00:00 PM	117.5	9.7	126.8	10.5
08/16/2023 04:00:00 PM	103.0	8.5	119.6	9.9
08/16/2023 05:00:00 PM	95.5	7.9	116.8	9.7
08/16/2023 06:00:00 PM	99.0	8.2	110.0	9.1
08/16/2023 07:00:00 PM	102.2	8.4	106.1	8.8
08/16/2023 08:00:00 PM	98.4	8.1	109.4	9.0
08/16/2023 09:00:00 PM	100.3	8.3	112.8	9.3
08/16/2023 10:00:00 PM	103.2	8.5	111.7	9.2
08/16/2023 11:00:00 PM	104.6	8.6	111.3	9.2
08/17/2023 12:00:00 AM	99.8	8.2	109.3	9.0
08/17/2023 01:00:00 AM	95.7	7.9	109.1	9.0
08/17/2023 02:00:00 AM	100.8	8.3	111.0	9.2
08/17/2023 03:00:00 AM	110.6	9.1	112.1	9.3
08/17/2023 04:00:00 AM	104.5	8.6	109.5	9.0
08/17/2023 05:00:00 AM	107.2	8.9	113.8	9.4
08/17/2023 06:00:00 AM	120.1	9.9	120.8	10.0
08/17/2023 07:00:00 AM	122.4	10.1	121.9	10.1
08/17/2023 08:00:00 AM	118.2	9.8	123.0	10.2
08/17/2023 09:00:00 AM	118.6	9.8	125.0	10.3
08/17/2023 10:00:00 AM	123.3	10.2	126.5	10.5
08/17/2023 11:00:00 AM	113.5	9.4	129.3	10.7
08/17/2023 12:00:00 PM	111.6	9.2	127.7	10.6
08/17/2023 01:00:00 PM	108.1	8.9	125.9	10.4
08/17/2023 02:00:00 PM	106.0	8.8	125.4	10.4
08/17/2023 03:00:00 PM	106.1	8.8	124.0	10.2
08/17/2023 04:00:00 PM	95.6	7.9	117.6	9.7
08/17/2023 05:00:00 PM	94.6	7.8	115.4	9.5
08/17/2023 06:00:00 PM	95.2	7.9	118.5	9.8
08/17/2023 07:00:00 PM	103.2	8.5	115.0	9.5
08/17/2023 08:00:00 PM	100.6	8.3	109.2	9.0
08/17/2023 09:00:00 PM	99.2	8.2	115.1	9.5
08/17/2023 10:00:00 PM	94.1	7.8	114.8	9.5
08/17/2023 11:00:00 PM	101.3	8.4	115.5	9.5
08/18/2023 12:00:00 AM	91.9	7.6	116.0	9.6
08/18/2023 01:00:00 AM	95.4	7.9	116.5	9.6
08/18/2023 02:00:00 AM	100.1	8.3	113.7	9.4
08/18/2023 03:00:00 AM	102.1	8.4	113.1	9.4
08/18/2023 04:00:00 AM	94.6	7.8	112.2	9.3
08/18/2023 05:00:00 AM	99.4	8.2	118.6	9.8
08/18/2023 06:00:00 AM	106.3	8.8	125.7	10.4
08/18/2023 07:00:00 AM	117.0	9.7	125.4	10.4
08/18/2023 08:00:00 AM	114.0	9.4	124.8	10.3
08/18/2023 09:00:00 AM	108.2	8.9	124.2	10.3
08/18/2023 10:00:00 AM	106.2	8.8	125.5	10.4
08/18/2023 11:00:00 AM	105.4	8.7	124.5	10.3



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End	08/21/2023 12:00:00 AM

Report Generated 08/21/2023 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
08/18/2023 12:00:00 PM	105.5	8.7	122.4	10.1
08/18/2023 01:00:00 PM	105.1	8.7	121.9	10.1
08/18/2023 02:00:00 PM	100.9	8.3	117.0	9.7
08/18/2023 03:00:00 PM	118.4	9.8	130.7	10.8
08/18/2023 04:00:00 PM	113.8	9.4	132.5	11.0
08/18/2023 05:00:00 PM	95.0	7.9	121.9	10.1
08/18/2023 06:00:00 PM	102.0	8.4	115.1	9.5
08/18/2023 07:00:00 PM	116.5	9.6	122.8	10.1
08/18/2023 08:00:00 PM	110.6	9.1	120.8	10.0
08/18/2023 09:00:00 PM	100.1	8.3	113.7	9.4
08/18/2023 10:00:00 PM	98.1	8.1	113.9	9.4
08/18/2023 11:00:00 PM	103.5	8.6	115.1	9.5
08/19/2023 12:00:00 AM	106.0	8.8	114.7	9.5
08/19/2023 01:00:00 AM	99.5	8.2	115.2	9.5
08/19/2023 02:00:00 AM	98.1	8.1	116.2	9.6
08/19/2023 03:00:00 AM	108.7	9.0	116.1	9.6
08/19/2023 04:00:00 AM	101.3	8.4	115.1	9.5
08/19/2023 05:00:00 AM	105.2	8.7	112.8	9.3
08/19/2023 06:00:00 AM	101.7	8.4	107.8	8.9
08/19/2023 07:00:00 AM	107.0	8.8	106.8	8.8
08/19/2023 08:00:00 AM	105.3	8.7	110.5	9.1
08/19/2023 09:00:00 AM	102.7	8.5	111.4	9.2
08/19/2023 10:00:00 AM	99.7	8.2	111.2	9.2
08/19/2023 11:00:00 AM	91.3	7.5	108.4	9.0
08/19/2023 12:00:00 PM	85.4	7.1	105.0	8.7
08/19/2023 01:00:00 PM	92.5	7.6	114.2	9.4
08/19/2023 02:00:00 PM	83.7	6.9	107.7	8.9
08/19/2023 03:00:00 PM	84.9	7.0	106.7	8.8
08/19/2023 04:00:00 PM	98.4	8.1	120.6	10.0
08/19/2023 05:00:00 PM	84.0	6.9	102.3	8.5
08/19/2023 06:00:00 PM	85.5	7.1	109.2	9.0
08/19/2023 07:00:00 PM	89.1	7.4	105.0	8.7
08/19/2023 08:00:00 PM	78.5	6.5	84.3	7.0
08/19/2023 09:00:00 PM	71.4	5.9	101.3	8.4
08/19/2023 10:00:00 PM	67.6	5.6	86.4	7.1
08/19/2023 11:00:00 PM	78.3	6.5	84.2	7.0
08/20/2023 12:00:00 AM	78.7	6.5	98.7	8.2
08/20/2023 01:00:00 AM	64.1	5.3	89.3	7.4
08/20/2023 02:00:00 AM	83.3	6.9	88.1	7.3
08/20/2023 03:00:00 AM	82.8	6.8	83.9	6.9
08/20/2023 04:00:00 AM	80.7	6.7	94.7	7.8
08/20/2023 05:00:00 AM	98.8	8.2	105.5	8.7
08/20/2023 06:00:00 AM	85.9	7.1	102.9	8.5
08/20/2023 07:00:00 AM	100.2	8.3	104.8	8.7
08/20/2023 08:00:00 AM	99.8	8.2	108.6	9.0
08/20/2023 09:00:00 AM	90.6	7.5	104.4	8.6
08/20/2023 10:00:00 AM	90.7	7.5	113.2	9.4
08/20/2023 11:00:00 AM	89.7	7.4	107.1	8.8
08/20/2023 12:00:00 PM	76.5	6.3	85.7	7.1
08/20/2023 01:00:00 PM	84.6	7.0	101.9	8.4
08/20/2023 02:00:00 PM	94.3	7.8	106.6	8.8
08/20/2023 03:00:00 PM	86.0	7.1	103.2	8.5
08/20/2023 04:00:00 PM	98.8	8.2	112.5	9.3
08/20/2023 05:00:00 PM	94.0	7.8	104.7	8.7



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Main River Section - Hourly Flow Averages

Start	08/14/2023 12:00:00 AM
End	08/21/2023 12:00:00 AM

Report Generated 08/21/2023 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
08/20/2023 06:00:00 PM	90.2	7.5	108.0	8.9
08/20/2023 07:00:00 PM	92.7	7.7	101.0	8.3
08/20/2023 08:00:00 PM	88.7	7.3	90.2	7.5
08/20/2023 09:00:00 PM	90.2	7.5	101.3	8.4
08/20/2023 10:00:00 PM	88.6	7.3	107.7	8.9
08/20/2023 11:00:00 PM	92.0	7.6	106.1	8.8
Average Flow:	99.75	1,384.94	112.92	1,567.75
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.