



Patterson Irrigation District

Main River Section - Hourly Flow Averages

Start	05/16/2022 12:00:00 AM
End	05/23/2022 12:00:00 AM

Report Generated 05/23/2022 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
05/16/2022 12:00:00 AM	81.7	6.8	99.3	8.2
05/16/2022 01:00:00 AM	83.8	6.9	89.8	7.4
05/16/2022 02:00:00 AM	81.8	6.8	87.5	7.2
05/16/2022 03:00:00 AM	79.6	6.6	84.3	7.0
05/16/2022 04:00:00 AM	80.3	6.6	84.6	7.0
05/16/2022 05:00:00 AM	84.2	7.0	84.7	7.0
05/16/2022 06:00:00 AM	86.1	7.1	88.5	7.3
05/16/2022 07:00:00 AM	95.9	7.9	102.4	8.5
05/16/2022 08:00:00 AM	95.3	7.9	105.3	8.7
05/16/2022 09:00:00 AM	95.3	7.9	104.0	8.6
05/16/2022 10:00:00 AM	102.1	8.4	105.1	8.7
05/16/2022 11:00:00 AM	103.6	8.6	111.0	9.2
05/16/2022 12:00:00 PM	102.2	8.4	118.8	9.8
05/16/2022 01:00:00 PM	105.5	8.7	119.6	9.9
05/16/2022 02:00:00 PM	111.2	9.2	130.6	10.8
05/16/2022 03:00:00 PM	112.0	9.3	133.1	11.0
05/16/2022 04:00:00 PM	108.0	8.9	130.9	10.8
05/16/2022 05:00:00 PM	104.8	8.7	128.5	10.6
05/16/2022 06:00:00 PM	103.5	8.6	123.4	10.2
05/16/2022 07:00:00 PM	102.2	8.4	117.4	9.7
05/16/2022 08:00:00 PM	105.9	8.8	110.2	9.1
05/16/2022 09:00:00 PM	101.1	8.4	106.9	8.8
05/16/2022 10:00:00 PM	102.2	8.4	107.9	8.9
05/16/2022 11:00:00 PM	100.3	8.3	106.3	8.8
05/17/2022 12:00:00 AM	101.5	8.4	106.3	8.8
05/17/2022 01:00:00 AM	106.1	8.8	112.0	9.3
05/17/2022 02:00:00 AM	98.6	8.1	103.4	8.5
05/17/2022 03:00:00 AM	106.0	8.8	110.7	9.1
05/17/2022 04:00:00 AM	103.6	8.6	104.9	8.7
05/17/2022 05:00:00 AM	95.6	7.9	101.0	8.4
05/17/2022 06:00:00 AM	100.9	8.3	105.5	8.7
05/17/2022 07:00:00 AM	82.2	6.8	86.1	7.1
05/17/2022 08:00:00 AM	79.7	6.6	88.0	7.3
05/17/2022 09:00:00 AM	95.2	7.9	101.7	8.4
05/17/2022 10:00:00 AM	102.3	8.5	116.1	9.6
05/17/2022 11:00:00 AM	101.7	8.4	110.7	9.1
05/17/2022 12:00:00 PM	110.1	9.1	119.4	9.9
05/17/2022 01:00:00 PM	104.6	8.6	113.9	9.4
05/17/2022 02:00:00 PM	97.2	8.0	110.8	9.2
05/17/2022 03:00:00 PM	113.8	9.4	127.9	10.6
05/17/2022 04:00:00 PM	108.0	8.9	121.9	10.1
05/17/2022 05:00:00 PM	104.5	8.6	113.9	9.4
05/17/2022 06:00:00 PM	103.3	8.5	113.3	9.4
05/17/2022 07:00:00 PM	100.6	8.3	112.2	9.3
05/17/2022 08:00:00 PM	102.1	8.4	111.8	9.2
05/17/2022 09:00:00 PM	104.4	8.6	111.0	9.2
05/17/2022 10:00:00 PM	94.5	7.8	100.4	8.3
05/17/2022 11:00:00 PM	88.9	7.3	96.6	8.0
05/18/2022 12:00:00 AM	86.3	7.1	94.1	7.8
05/18/2022 01:00:00 AM	87.9	7.3	92.1	7.6
05/18/2022 02:00:00 AM	89.6	7.4	92.9	7.7
05/18/2022 03:00:00 AM	98.7	8.2	102.1	8.4
05/18/2022 04:00:00 AM	97.7	8.1	101.3	8.4
05/18/2022 05:00:00 AM	108.2	8.9	111.0	9.2



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Start	05/16/2022 12:00:00 AM
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Report Generated 05/23/2022 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
05/18/2022 06:00:00 AM	115.5	9.5	113.1	9.4
05/18/2022 07:00:00 AM	112.9	9.3	113.4	9.4
05/18/2022 08:00:00 AM	111.5	9.2	115.4	9.5
05/18/2022 09:00:00 AM	104.8	8.7	108.3	9.0
05/18/2022 10:00:00 AM	111.4	9.2	117.2	9.7
05/18/2022 11:00:00 AM	104.8	8.7	124.0	10.2
05/18/2022 12:00:00 PM	108.4	9.0	128.7	10.6
05/18/2022 01:00:00 PM	107.5	8.9	123.0	10.2
05/18/2022 02:00:00 PM	104.7	8.7	119.5	9.9
05/18/2022 03:00:00 PM	101.9	8.4	114.6	9.5
05/18/2022 04:00:00 PM	98.3	8.1	113.0	9.3
05/18/2022 05:00:00 PM	95.5	7.9	112.4	9.3
05/18/2022 06:00:00 PM	94.8	7.8	112.4	9.3
05/18/2022 07:00:00 PM	92.3	7.6	102.9	8.5
05/18/2022 08:00:00 PM	91.1	7.5	103.6	8.6
05/18/2022 09:00:00 PM	94.0	7.8	108.4	9.0
05/18/2022 10:00:00 PM	97.5	8.1	107.7	8.9
05/18/2022 11:00:00 PM	102.8	8.5	111.2	9.2
05/19/2022 12:00:00 AM	102.3	8.5	109.0	9.0
05/19/2022 01:00:00 AM	100.8	8.3	109.8	9.1
05/19/2022 02:00:00 AM	101.5	8.4	111.1	9.2
05/19/2022 03:00:00 AM	104.0	8.6	112.8	9.3
05/19/2022 04:00:00 AM	103.5	8.6	116.9	9.7
05/19/2022 05:00:00 AM	105.8	8.7	112.1	9.3
05/19/2022 06:00:00 AM	104.9	8.7	110.1	9.1
05/19/2022 07:00:00 AM	106.1	8.8	114.5	9.5
05/19/2022 08:00:00 AM	113.6	9.4	128.6	10.6
05/19/2022 09:00:00 AM	106.2	8.8	124.3	10.3
05/19/2022 10:00:00 AM	103.9	8.6	123.9	10.2
05/19/2022 11:00:00 AM	102.6	8.5	119.4	9.9
05/19/2022 12:00:00 PM	101.5	8.4	117.1	9.7
05/19/2022 01:00:00 PM	102.3	8.5	124.0	10.2
05/19/2022 02:00:00 PM	102.9	8.5	126.5	10.5
05/19/2022 03:00:00 PM	97.0	8.0	120.1	9.9
05/19/2022 04:00:00 PM	99.9	8.3	125.6	10.4
05/19/2022 05:00:00 PM	105.4	8.7	127.4	10.5
05/19/2022 06:00:00 PM	103.3	8.5	119.5	9.9
05/19/2022 07:00:00 PM	95.0	7.8	108.3	8.9
05/19/2022 08:00:00 PM	92.5	7.6	108.5	9.0
05/19/2022 09:00:00 PM	91.7	7.6	107.8	8.9
05/19/2022 10:00:00 PM	95.1	7.9	110.3	9.1
05/19/2022 11:00:00 PM	101.2	8.4	112.9	9.3
05/20/2022 12:00:00 AM	97.2	8.0	112.2	9.3
05/20/2022 01:00:00 AM	100.4	8.3	116.3	9.6
05/20/2022 02:00:00 AM	104.6	8.6	127.7	10.6
05/20/2022 03:00:00 AM	101.7	8.4	129.2	10.7
05/20/2022 04:00:00 AM	106.5	8.8	130.7	10.8
05/20/2022 05:00:00 AM	100.0	8.3	114.9	9.5
05/20/2022 06:00:00 AM	95.1	7.9	95.3	7.9
05/20/2022 07:00:00 AM	84.0	6.9	99.6	8.2
05/20/2022 08:00:00 AM	83.5	6.9	103.7	8.6
05/20/2022 09:00:00 AM	93.9	7.8	117.3	9.7
05/20/2022 10:00:00 AM	74.4	6.1	98.6	8.1
05/20/2022 11:00:00 AM	47.1	3.9	68.0	5.6



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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
05/20/2022 12:00:00 PM	93.4	7.7	104.7	8.6
05/20/2022 01:00:00 PM	84.2	7.0	92.4	7.6
05/20/2022 02:00:00 PM	96.4	8.0	95.2	7.9
05/20/2022 03:00:00 PM	100.7	8.3	100.1	8.3
05/20/2022 04:00:00 PM	103.6	8.6	102.0	8.4
05/20/2022 05:00:00 PM	105.5	8.7	102.4	8.5
05/20/2022 06:00:00 PM	103.0	8.5	98.8	8.2
05/20/2022 07:00:00 PM	103.7	8.6	101.3	8.4
05/20/2022 08:00:00 PM	105.0	8.7	99.8	8.2
05/20/2022 09:00:00 PM	101.5	8.4	98.9	8.2
05/20/2022 10:00:00 PM	100.1	8.3	98.3	8.1
05/20/2022 11:00:00 PM	104.0	8.6	99.3	8.2
05/21/2022 12:00:00 AM	101.0	8.3	95.7	7.9
05/21/2022 01:00:00 AM	95.5	7.9	95.7	7.9
05/21/2022 02:00:00 AM	90.8	7.5	96.1	7.9
05/21/2022 03:00:00 AM	88.5	7.3	95.6	7.9
05/21/2022 04:00:00 AM	85.9	7.1	97.3	8.0
05/21/2022 05:00:00 AM	90.0	7.4	97.8	8.1
05/21/2022 06:00:00 AM	98.6	8.1	101.7	8.4
05/21/2022 07:00:00 AM	91.4	7.6	97.3	8.0
05/21/2022 08:00:00 AM	86.9	7.2	97.9	8.1
05/21/2022 09:00:00 AM	86.2	7.1	99.7	8.2
05/21/2022 10:00:00 AM	92.3	7.6	103.5	8.6
05/21/2022 11:00:00 AM	85.7	7.1	99.7	8.2
05/21/2022 12:00:00 PM	85.9	7.1	96.3	8.0
05/21/2022 01:00:00 PM	98.5	8.1	93.0	7.7
05/21/2022 02:00:00 PM	94.1	7.8	92.9	7.7
05/21/2022 03:00:00 PM	95.0	7.9	98.3	8.1
05/21/2022 04:00:00 PM	90.9	7.5	99.8	8.2
05/21/2022 05:00:00 PM	87.8	7.3	97.8	8.1
05/21/2022 06:00:00 PM	83.7	6.9	91.5	7.6
05/21/2022 07:00:00 PM	84.0	6.9	90.7	7.5
05/21/2022 08:00:00 PM	84.3	7.0	87.7	7.2
05/21/2022 09:00:00 PM	88.1	7.3	88.9	7.4
05/21/2022 10:00:00 PM	91.8	7.6	90.7	7.5
05/21/2022 11:00:00 PM	89.3	7.4	88.8	7.3
05/22/2022 12:00:00 AM	90.3	7.5	87.9	7.3
05/22/2022 01:00:00 AM	87.1	7.2	86.8	7.2
05/22/2022 02:00:00 AM	90.2	7.5	85.6	7.1
05/22/2022 03:00:00 AM	97.2	8.0	90.1	7.4
05/22/2022 04:00:00 AM	89.8	7.4	89.1	7.4
05/22/2022 05:00:00 AM	81.6	6.7	88.3	7.3
05/22/2022 06:00:00 AM	79.2	6.5	90.9	7.5
05/22/2022 07:00:00 AM	80.7	6.7	89.4	7.4
05/22/2022 08:00:00 AM	83.2	6.9	89.9	7.4
05/22/2022 09:00:00 AM	83.3	6.9	90.4	7.5
05/22/2022 10:00:00 AM	76.0	6.3	88.8	7.3
05/22/2022 11:00:00 AM	79.0	6.5	92.9	7.7
05/22/2022 12:00:00 PM	89.6	7.4	91.6	7.6
05/22/2022 01:00:00 PM	86.9	7.2	92.5	7.6
05/22/2022 02:00:00 PM	86.1	7.1	95.9	7.9
05/22/2022 03:00:00 PM	86.2	7.1	99.9	8.3
05/22/2022 04:00:00 PM	84.1	7.0	99.2	8.2
05/22/2022 05:00:00 PM	75.9	6.3	92.7	7.7



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Main River Section - Hourly Flow Averages

Start	05/16/2022 12:00:00 AM
End	05/23/2022 12:00:00 AM

Report Generated 05/23/2022 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
05/22/2022 06:00:00 PM	71.9	5.9	82.8	6.8
05/22/2022 07:00:00 PM	68.6	5.7	76.3	6.3
05/22/2022 08:00:00 PM	64.6	5.3	71.0	5.9
05/22/2022 09:00:00 PM	69.8	5.8	72.7	6.0
05/22/2022 10:00:00 PM	75.4	6.2	74.6	6.2
05/22/2022 11:00:00 PM	74.0	6.1	75.1	6.2
Average Flow:	95.25	1,322.42	104.27	1,447.74
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.