



Patterson Irrigation District

Main River Section - Hourly Flow Averages

Start	07/10/2023 12:00:00 AM
End	07/17/2023 12:00:00 AM

Report Generated 07/17/2023 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
07/10/2023 12:00:00 AM	71.5	5.9	72.0	6.0
07/10/2023 01:00:00 AM	75.2	6.2	74.0	6.1
07/10/2023 02:00:00 AM	71.9	5.9	71.4	5.9
07/10/2023 03:00:00 AM	74.0	6.1	70.9	5.9
07/10/2023 04:00:00 AM	71.6	5.9	71.4	5.9
07/10/2023 05:00:00 AM	71.6	5.9	69.7	5.8
07/10/2023 06:00:00 AM	72.2	6.0	71.1	5.9
07/10/2023 07:00:00 AM	74.4	6.1	71.9	5.9
07/10/2023 08:00:00 AM	78.3	6.5	81.6	6.7
07/10/2023 09:00:00 AM	83.9	6.9	83.1	6.9
07/10/2023 10:00:00 AM	96.1	7.9	96.2	7.9
07/10/2023 11:00:00 AM	115.2	9.5	119.4	9.9
07/10/2023 12:00:00 PM	103.3	8.5	111.6	9.2
07/10/2023 01:00:00 PM	98.5	8.1	112.4	9.3
07/10/2023 02:00:00 PM	91.4	7.6	107.0	8.8
07/10/2023 03:00:00 PM	98.1	8.1	110.2	9.1
07/10/2023 04:00:00 PM	96.5	8.0	107.7	8.9
07/10/2023 05:00:00 PM	94.8	7.8	107.4	8.9
07/10/2023 06:00:00 PM	97.1	8.0	103.0	8.5
07/10/2023 07:00:00 PM	99.6	8.2	99.2	8.2
07/10/2023 08:00:00 PM	97.1	8.0	97.5	8.1
07/10/2023 09:00:00 PM	96.4	8.0	91.5	7.6
07/10/2023 10:00:00 PM	95.1	7.9	97.5	8.1
07/10/2023 11:00:00 PM	99.4	8.2	98.2	8.1
07/11/2023 12:00:00 AM	95.8	7.9	98.3	8.1
07/11/2023 01:00:00 AM	96.7	8.0	98.2	8.1
07/11/2023 02:00:00 AM	96.2	7.9	95.4	7.9
07/11/2023 03:00:00 AM	99.0	8.2	95.3	7.9
07/11/2023 04:00:00 AM	100.1	8.3	97.0	8.0
07/11/2023 05:00:00 AM	103.8	8.6	98.4	8.1
07/11/2023 06:00:00 AM	104.6	8.6	102.5	8.5
07/11/2023 07:00:00 AM	107.5	8.9	104.9	8.7
07/11/2023 08:00:00 AM	103.3	8.5	103.2	8.5
07/11/2023 09:00:00 AM	105.0	8.7	100.4	8.3
07/11/2023 10:00:00 AM	99.2	8.2	101.1	8.4
07/11/2023 11:00:00 AM	105.2	8.7	99.1	8.2
07/11/2023 12:00:00 PM	105.0	8.7	103.9	8.6
07/11/2023 01:00:00 PM	100.1	8.3	107.8	8.9
07/11/2023 02:00:00 PM	95.1	7.9	105.7	8.7
07/11/2023 03:00:00 PM	94.9	7.8	105.6	8.7
07/11/2023 04:00:00 PM	89.0	7.4	108.2	8.9
07/11/2023 05:00:00 PM	88.9	7.3	103.9	8.6
07/11/2023 06:00:00 PM	88.6	7.3	106.9	8.8
07/11/2023 07:00:00 PM	86.9	7.2	101.2	8.4
07/11/2023 08:00:00 PM	86.7	7.2	101.2	8.4
07/11/2023 09:00:00 PM	87.8	7.3	98.4	8.1
07/11/2023 10:00:00 PM	92.0	7.6	105.6	8.7
07/11/2023 11:00:00 PM	91.9	7.6	102.8	8.5
07/12/2023 12:00:00 AM	92.5	7.6	104.7	8.6
07/12/2023 01:00:00 AM	93.4	7.7	102.9	8.5
07/12/2023 02:00:00 AM	89.7	7.4	101.9	8.4
07/12/2023 03:00:00 AM	97.6	8.1	101.9	8.4
07/12/2023 04:00:00 AM	91.2	7.5	96.6	8.0
07/12/2023 05:00:00 AM	91.6	7.6	95.5	7.9



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Start	07/10/2023 12:00:00 AM
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Report Generated 07/17/2023 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
07/12/2023 06:00:00 AM	102.8	8.5	105.9	8.8
07/12/2023 07:00:00 AM	113.6	9.4	111.3	9.2
07/12/2023 08:00:00 AM	113.0	9.3	112.0	9.3
07/12/2023 09:00:00 AM	117.1	9.7	118.5	9.8
07/12/2023 10:00:00 AM	119.5	9.9	125.4	10.4
07/12/2023 11:00:00 AM	119.0	9.8	127.2	10.5
07/12/2023 12:00:00 PM	116.9	9.7	128.6	10.6
07/12/2023 01:00:00 PM	114.8	9.5	127.4	10.5
07/12/2023 02:00:00 PM	113.2	9.4	128.5	10.6
07/12/2023 03:00:00 PM	116.0	9.6	125.0	10.3
07/12/2023 04:00:00 PM	107.2	8.9	128.2	10.6
07/12/2023 05:00:00 PM	110.3	9.1	128.2	10.6
07/12/2023 06:00:00 PM	104.3	8.6	122.5	10.1
07/12/2023 07:00:00 PM	114.3	9.4	127.0	10.5
07/12/2023 08:00:00 PM	105.0	8.7	118.1	9.8
07/12/2023 09:00:00 PM	103.8	8.6	117.7	9.7
07/12/2023 10:00:00 PM	99.3	8.2	117.1	9.7
07/12/2023 11:00:00 PM	110.0	9.1	121.2	10.0
07/13/2023 12:00:00 AM	103.2	8.5	116.7	9.6
07/13/2023 01:00:00 AM	106.0	8.8	119.3	9.9
07/13/2023 02:00:00 AM	104.4	8.6	118.3	9.8
07/13/2023 03:00:00 AM	116.3	9.6	123.2	10.2
07/13/2023 04:00:00 AM	103.8	8.6	118.8	9.8
07/13/2023 05:00:00 AM	107.6	8.9	120.7	10.0
07/13/2023 06:00:00 AM	122.6	10.1	132.5	11.0
07/13/2023 07:00:00 AM	120.3	9.9	125.6	10.4
07/13/2023 08:00:00 AM	132.4	10.9	140.2	11.6
07/13/2023 09:00:00 AM	127.4	10.5	133.9	11.1
07/13/2023 10:00:00 AM	130.0	10.7	138.7	11.5
07/13/2023 11:00:00 AM	129.3	10.7	142.0	11.7
07/13/2023 12:00:00 PM	124.2	10.3	144.2	11.9
07/13/2023 01:00:00 PM	122.6	10.1	143.2	11.8
07/13/2023 02:00:00 PM	121.5	10.0	140.2	11.6
07/13/2023 03:00:00 PM	128.0	10.6	140.3	11.6
07/13/2023 04:00:00 PM	129.1	10.7	138.4	11.4
07/13/2023 05:00:00 PM	129.2	10.7	134.9	11.1
07/13/2023 06:00:00 PM	133.4	11.0	137.1	11.3
07/13/2023 07:00:00 PM	128.7	10.6	133.5	11.0
07/13/2023 08:00:00 PM	118.2	9.8	135.5	11.2
07/13/2023 09:00:00 PM	117.1	9.7	129.4	10.7
07/13/2023 10:00:00 PM	120.3	9.9	128.9	10.7
07/13/2023 11:00:00 PM	117.7	9.7	127.6	10.5
07/14/2023 12:00:00 AM	110.6	9.1	127.7	10.6
07/14/2023 01:00:00 AM	113.2	9.4	129.6	10.7
07/14/2023 02:00:00 AM	110.4	9.1	126.7	10.5
07/14/2023 03:00:00 AM	114.3	9.4	126.2	10.4
07/14/2023 04:00:00 AM	116.1	9.6	131.4	10.9
07/14/2023 05:00:00 AM	113.4	9.4	128.8	10.6
07/14/2023 06:00:00 AM	124.1	10.3	132.1	10.9
07/14/2023 07:00:00 AM	126.1	10.4	133.3	11.0
07/14/2023 08:00:00 AM	137.4	11.4	144.1	11.9
07/14/2023 09:00:00 AM	102.3	8.5	120.0	9.9
07/14/2023 10:00:00 AM	124.5	10.3	134.3	11.1
07/14/2023 11:00:00 AM	131.4	10.9	146.4	12.1



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Report Generated 07/17/2023 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
07/14/2023 12:00:00 PM	123.0	10.2	146.0	12.1
07/14/2023 01:00:00 PM	125.4	10.4	143.1	11.8
07/14/2023 02:00:00 PM	126.1	10.4	140.0	11.6
07/14/2023 03:00:00 PM	119.5	9.9	129.9	10.7
07/14/2023 04:00:00 PM	132.7	11.0	138.8	11.5
07/14/2023 05:00:00 PM	130.3	10.8	134.8	11.1
07/14/2023 06:00:00 PM	114.4	9.5	119.6	9.9
07/14/2023 07:00:00 PM	117.9	9.7	119.0	9.8
07/14/2023 08:00:00 PM	113.6	9.4	117.7	9.7
07/14/2023 09:00:00 PM	114.0	9.4	117.2	9.7
07/14/2023 10:00:00 PM	114.4	9.5	119.2	9.8
07/14/2023 11:00:00 PM	117.1	9.7	118.2	9.8
07/15/2023 12:00:00 AM	110.7	9.1	118.1	9.8
07/15/2023 01:00:00 AM	101.7	8.4	114.0	9.4
07/15/2023 02:00:00 AM	100.5	8.3	115.1	9.5
07/15/2023 03:00:00 AM	105.6	8.7	116.0	9.6
07/15/2023 04:00:00 AM	102.2	8.4	117.1	9.7
07/15/2023 05:00:00 AM	99.4	8.2	114.5	9.5
07/15/2023 06:00:00 AM	97.3	8.0	117.0	9.7
07/15/2023 07:00:00 AM	100.4	8.3	117.8	9.7
07/15/2023 08:00:00 AM	102.1	8.4	118.5	9.8
07/15/2023 09:00:00 AM	103.1	8.5	118.5	9.8
07/15/2023 10:00:00 AM	107.3	8.9	119.2	9.9
07/15/2023 11:00:00 AM	112.4	9.3	118.9	9.8
07/15/2023 12:00:00 PM	114.0	9.4	125.7	10.4
07/15/2023 01:00:00 PM	112.6	9.3	123.7	10.2
07/15/2023 02:00:00 PM	105.5	8.7	121.4	10.0
07/15/2023 03:00:00 PM	106.0	8.8	115.3	9.5
07/15/2023 04:00:00 PM	96.0	7.9	110.9	9.2
07/15/2023 05:00:00 PM	95.1	7.9	102.2	8.4
07/15/2023 06:00:00 PM	93.9	7.8	99.7	8.2
07/15/2023 07:00:00 PM	96.8	8.0	99.0	8.2
07/15/2023 08:00:00 PM	98.4	8.1	104.1	8.6
07/15/2023 09:00:00 PM	103.3	8.5	110.4	9.1
07/15/2023 10:00:00 PM	91.4	7.6	97.7	8.1
07/15/2023 11:00:00 PM	108.8	9.0	110.0	9.1
07/16/2023 12:00:00 AM	103.1	8.5	106.6	8.8
07/16/2023 01:00:00 AM	97.2	8.0	98.7	8.2
07/16/2023 02:00:00 AM	98.5	8.1	99.6	8.2
07/16/2023 03:00:00 AM	101.0	8.3	99.8	8.2
07/16/2023 04:00:00 AM	106.5	8.8	105.5	8.7
07/16/2023 05:00:00 AM	91.3	7.5	97.1	8.0
07/16/2023 06:00:00 AM	95.1	7.9	99.5	8.2
07/16/2023 07:00:00 AM	98.5	8.1	101.2	8.4
07/16/2023 08:00:00 AM	98.1	8.1	100.9	8.3
07/16/2023 09:00:00 AM	111.8	9.2	109.9	9.1
07/16/2023 10:00:00 AM	102.8	8.5	108.1	8.9
07/16/2023 11:00:00 AM	90.9	7.5	101.7	8.4
07/16/2023 12:00:00 PM	90.7	7.5	101.9	8.4
07/16/2023 01:00:00 PM	95.6	7.9	106.1	8.8
07/16/2023 02:00:00 PM	93.8	7.8	99.7	8.2
07/16/2023 03:00:00 PM	94.3	7.8	97.0	8.0
07/16/2023 04:00:00 PM	91.5	7.6	97.5	8.1
07/16/2023 05:00:00 PM	84.6	7.0	95.7	7.9



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Main River Section - Hourly Flow Averages

Start	07/10/2023 12:00:00 AM
End	07/17/2023 12:00:00 AM

Report Generated 07/17/2023 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
07/16/2023 06:00:00 PM	84.1	6.9	93.1	7.7
07/16/2023 07:00:00 PM	73.2	6.1	76.7	6.3
07/16/2023 08:00:00 PM	83.7	6.9	86.6	7.2
07/16/2023 09:00:00 PM	103.7	8.6	105.2	8.7
07/16/2023 10:00:00 PM	86.7	7.2	88.2	7.3
07/16/2023 11:00:00 PM	97.8	8.1	98.3	8.1
Average Flow:	104.21	1,446.88	112.03	1,555.41
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.