



Patterson Irrigation District

Main River Section - Hourly Flow Averages

Start	05/03/2021 12:00:00 AM
End	05/10/2021 12:00:00 AM

Report Generated 05/10/2021 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
05/03/2021 12:00:00 AM	68.9	5.7	77.5	6.4
05/03/2021 01:00:00 AM	71.8	5.9	83.1	6.9
05/03/2021 02:00:00 AM	75.4	6.2	85.2	7.0
05/03/2021 03:00:00 AM	78.6	6.5	90.7	7.5
05/03/2021 04:00:00 AM	81.4	6.7	96.0	7.9
05/03/2021 05:00:00 AM	82.8	6.8	102.4	8.5
05/03/2021 06:00:00 AM	85.3	7.0	100.2	8.3
05/03/2021 07:00:00 AM	93.4	7.7	111.4	9.2
05/03/2021 08:00:00 AM	98.7	8.2	119.8	9.9
05/03/2021 09:00:00 AM	98.3	8.1	121.4	10.0
05/03/2021 10:00:00 AM	97.3	8.0	119.0	9.8
05/03/2021 11:00:00 AM	95.2	7.9	113.4	9.4
05/03/2021 12:00:00 PM	97.2	8.0	110.9	9.2
05/03/2021 01:00:00 PM	95.7	7.9	117.2	9.7
05/03/2021 02:00:00 PM	91.4	7.6	107.1	8.8
05/03/2021 03:00:00 PM	95.0	7.8	111.1	9.2
05/03/2021 04:00:00 PM	91.2	7.5	113.3	9.4
05/03/2021 05:00:00 PM	89.2	7.4	110.1	9.1
05/03/2021 06:00:00 PM	88.0	7.3	102.4	8.5
05/03/2021 07:00:00 PM	84.3	7.0	93.5	7.7
05/03/2021 08:00:00 PM	86.1	7.1	90.2	7.5
05/03/2021 09:00:00 PM	87.3	7.2	92.1	7.6
05/03/2021 10:00:00 PM	88.0	7.3	92.9	7.7
05/03/2021 11:00:00 PM	86.7	7.2	91.8	7.6
05/04/2021 12:00:00 AM	84.1	7.0	91.6	7.6
05/04/2021 01:00:00 AM	87.9	7.3	92.2	7.6
05/04/2021 02:00:00 AM	90.9	7.5	92.5	7.6
05/04/2021 03:00:00 AM	91.8	7.6	88.3	7.3
05/04/2021 04:00:00 AM	92.2	7.6	90.9	7.5
05/04/2021 05:00:00 AM	92.5	7.6	91.3	7.5
05/04/2021 06:00:00 AM	94.3	7.8	96.3	8.0
05/04/2021 07:00:00 AM	95.8	7.9	105.6	8.7
05/04/2021 08:00:00 AM	102.5	8.5	115.4	9.5
05/04/2021 09:00:00 AM	84.0	6.9	101.6	8.4
05/04/2021 10:00:00 AM	70.9	5.9	89.3	7.4
05/04/2021 11:00:00 AM	61.9	5.1	81.7	6.8
05/04/2021 12:00:00 PM	62.9	5.2	75.6	6.2
05/04/2021 01:00:00 PM	65.2	5.4	76.8	6.3
05/04/2021 02:00:00 PM	71.4	5.9	89.2	7.4
05/04/2021 03:00:00 PM	95.4	7.9	107.6	8.9
05/04/2021 04:00:00 PM	101.0	8.3	103.7	8.6
05/04/2021 05:00:00 PM	106.1	8.8	106.7	8.8
05/04/2021 06:00:00 PM	105.6	8.7	105.7	8.7
05/04/2021 07:00:00 PM	107.5	8.9	104.8	8.7
05/04/2021 08:00:00 PM	107.2	8.9	102.7	8.5
05/04/2021 09:00:00 PM	107.9	8.9	105.0	8.7
05/04/2021 10:00:00 PM	101.0	8.3	102.4	8.5
05/04/2021 11:00:00 PM	98.2	8.1	102.2	8.4
05/05/2021 12:00:00 AM	96.1	7.9	103.8	8.6
05/05/2021 01:00:00 AM	94.6	7.8	101.4	8.4
05/05/2021 02:00:00 AM	95.7	7.9	99.7	8.2
05/05/2021 03:00:00 AM	96.7	8.0	97.9	8.1
05/05/2021 04:00:00 AM	96.4	8.0	101.9	8.4
05/05/2021 05:00:00 AM	83.7	6.9	89.9	7.4



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Start	05/03/2021 12:00:00 AM
End	05/10/2021 12:00:00 AM

Report Generated 05/10/2021 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
05/05/2021 06:00:00 AM	75.9	6.3	79.5	6.6
05/05/2021 07:00:00 AM	81.2	6.7	84.1	6.9
05/05/2021 08:00:00 AM	80.1	6.6	88.8	7.3
05/05/2021 09:00:00 AM	75.4	6.2	85.7	7.1
05/05/2021 10:00:00 AM	75.3	6.2	83.9	6.9
05/05/2021 11:00:00 AM	80.1	6.6	87.9	7.3
05/05/2021 12:00:00 PM	81.7	6.8	86.9	7.2
05/05/2021 01:00:00 PM	107.6	8.9	105.6	8.7
05/05/2021 02:00:00 PM	97.5	8.1	99.2	8.2
05/05/2021 03:00:00 PM	100.6	8.3	104.7	8.7
05/05/2021 04:00:00 PM	100.3	8.3	104.0	8.6
05/05/2021 05:00:00 PM	102.2	8.4	104.9	8.7
05/05/2021 06:00:00 PM	102.0	8.4	105.1	8.7
05/05/2021 07:00:00 PM	101.8	8.4	104.3	8.6
05/05/2021 08:00:00 PM	98.0	8.1	100.5	8.3
05/05/2021 09:00:00 PM	93.0	7.7	100.6	8.3
05/05/2021 10:00:00 PM	90.4	7.5	101.8	8.4
05/05/2021 11:00:00 PM	92.5	7.6	101.6	8.4
05/06/2021 12:00:00 AM	96.4	8.0	100.4	8.3
05/06/2021 01:00:00 AM	101.4	8.4	97.2	8.0
05/06/2021 02:00:00 AM	100.3	8.3	99.3	8.2
05/06/2021 03:00:00 AM	94.5	7.8	99.3	8.2
05/06/2021 04:00:00 AM	96.7	8.0	100.4	8.3
05/06/2021 05:00:00 AM	103.3	8.5	105.6	8.7
05/06/2021 06:00:00 AM	109.1	9.0	108.4	9.0
05/06/2021 07:00:00 AM	115.1	9.5	113.7	9.4
05/06/2021 08:00:00 AM	115.6	9.6	114.3	9.4
05/06/2021 09:00:00 AM	111.0	9.2	110.2	9.1
05/06/2021 10:00:00 AM	109.6	9.1	124.0	10.3
05/06/2021 11:00:00 AM	109.2	9.0	125.5	10.4
05/06/2021 12:00:00 PM	112.6	9.3	125.5	10.4
05/06/2021 01:00:00 PM	114.9	9.5	127.1	10.5
05/06/2021 02:00:00 PM	105.2	8.7	122.4	10.1
05/06/2021 03:00:00 PM	102.0	8.4	124.9	10.3
05/06/2021 04:00:00 PM	100.2	8.3	124.9	10.3
05/06/2021 05:00:00 PM	99.7	8.2	127.8	10.6
05/06/2021 06:00:00 PM	101.4	8.4	122.5	10.1
05/06/2021 07:00:00 PM	102.3	8.5	117.5	9.7
05/06/2021 08:00:00 PM	99.7	8.2	111.5	9.2
05/06/2021 09:00:00 PM	107.1	8.9	114.2	9.4
05/06/2021 10:00:00 PM	109.0	9.0	110.3	9.1
05/06/2021 11:00:00 PM	104.0	8.6	110.5	9.1
05/07/2021 12:00:00 AM	104.6	8.6	107.2	8.9
05/07/2021 01:00:00 AM	102.9	8.5	107.1	8.8
05/07/2021 02:00:00 AM	103.4	8.5	107.4	8.9
05/07/2021 03:00:00 AM	106.7	8.8	107.1	8.9
05/07/2021 04:00:00 AM	102.9	8.5	108.2	8.9
05/07/2021 05:00:00 AM	108.6	9.0	109.6	9.1
05/07/2021 06:00:00 AM	114.6	9.5	110.2	9.1
05/07/2021 07:00:00 AM	116.9	9.7	111.4	9.2
05/07/2021 08:00:00 AM	110.3	9.1	107.7	8.9
05/07/2021 09:00:00 AM	115.3	9.5	111.5	9.2
05/07/2021 10:00:00 AM	109.3	9.0	110.9	9.2
05/07/2021 11:00:00 AM	110.3	9.1	120.4	10.0



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Report Generated 05/10/2021 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
05/07/2021 12:00:00 PM	107.2	8.9	120.1	9.9
05/07/2021 01:00:00 PM	103.6	8.6	115.2	9.5
05/07/2021 02:00:00 PM	110.5	9.1	122.4	10.1
05/07/2021 03:00:00 PM	109.4	9.0	122.6	10.1
05/07/2021 04:00:00 PM	104.8	8.7	119.9	9.9
05/07/2021 05:00:00 PM	104.0	8.6	121.4	10.0
05/07/2021 06:00:00 PM	103.4	8.5	116.4	9.6
05/07/2021 07:00:00 PM	104.2	8.6	109.8	9.1
05/07/2021 08:00:00 PM	106.3	8.8	104.6	8.6
05/07/2021 09:00:00 PM	102.3	8.5	104.8	8.7
05/07/2021 10:00:00 PM	94.6	7.8	100.4	8.3
05/07/2021 11:00:00 PM	94.7	7.8	101.0	8.3
05/08/2021 12:00:00 AM	95.4	7.9	102.5	8.5
05/08/2021 01:00:00 AM	94.1	7.8	105.7	8.7
05/08/2021 02:00:00 AM	97.8	8.1	108.5	9.0
05/08/2021 03:00:00 AM	95.9	7.9	106.8	8.8
05/08/2021 04:00:00 AM	102.1	8.4	103.3	8.5
05/08/2021 05:00:00 AM	105.2	8.7	98.0	8.1
05/08/2021 06:00:00 AM	103.9	8.6	100.9	8.3
05/08/2021 07:00:00 AM	103.0	8.5	114.4	9.5
05/08/2021 08:00:00 AM	97.6	8.1	114.6	9.5
05/08/2021 09:00:00 AM	89.8	7.4	99.2	8.2
05/08/2021 10:00:00 AM	88.9	7.4	107.6	8.9
05/08/2021 11:00:00 AM	87.6	7.2	95.2	7.9
05/08/2021 12:00:00 PM	85.7	7.1	97.4	8.1
05/08/2021 01:00:00 PM	83.9	6.9	102.4	8.5
05/08/2021 02:00:00 PM	78.3	6.5	98.1	8.1
05/08/2021 03:00:00 PM	81.1	6.7	92.6	7.7
05/08/2021 04:00:00 PM	79.8	6.6	94.9	7.8
05/08/2021 05:00:00 PM	78.9	6.5	94.6	7.8
05/08/2021 06:00:00 PM	79.5	6.6	94.3	7.8
05/08/2021 07:00:00 PM	76.8	6.3	88.5	7.3
05/08/2021 08:00:00 PM	73.5	6.1	82.2	6.8
05/08/2021 09:00:00 PM	72.5	6.0	83.7	6.9
05/08/2021 10:00:00 PM	73.4	6.1	83.8	6.9
05/08/2021 11:00:00 PM	66.9	5.5	77.7	6.4
05/09/2021 12:00:00 AM	66.0	5.5	77.0	6.4
05/09/2021 01:00:00 AM	72.2	6.0	84.5	7.0
05/09/2021 02:00:00 AM	74.1	6.1	90.4	7.5
05/09/2021 03:00:00 AM	75.8	6.3	91.1	7.5
05/09/2021 04:00:00 AM	79.0	6.5	97.0	8.0
05/09/2021 05:00:00 AM	80.9	6.7	98.0	8.1
05/09/2021 06:00:00 AM	82.9	6.9	102.8	8.5
05/09/2021 07:00:00 AM	84.0	6.9	100.6	8.3
05/09/2021 08:00:00 AM	84.4	7.0	97.1	8.0
05/09/2021 09:00:00 AM	84.0	6.9	98.9	8.2
05/09/2021 10:00:00 AM	85.5	7.1	77.7	6.4
05/09/2021 11:00:00 AM	87.0	7.2	90.8	7.5
05/09/2021 12:00:00 PM	85.6	7.1	82.9	6.9
05/09/2021 01:00:00 PM	81.7	6.8	86.1	7.1
05/09/2021 02:00:00 PM	80.0	6.6	82.4	6.8
05/09/2021 03:00:00 PM	79.2	6.5	89.2	7.4
05/09/2021 04:00:00 PM	75.5	6.2	85.0	7.0
05/09/2021 05:00:00 PM	75.6	6.2	93.6	7.7



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Main River Section - Hourly Flow Averages

Start	05/03/2021 12:00:00 AM
End	05/10/2021 12:00:00 AM

Report Generated 05/10/2021 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
05/09/2021 06:00:00 PM	72.4	6.0	87.2	7.2
05/09/2021 07:00:00 PM	71.0	5.9	80.8	6.7
05/09/2021 08:00:00 PM	69.5	5.7	77.9	6.4
05/09/2021 09:00:00 PM	70.1	5.8	80.4	6.6
05/09/2021 10:00:00 PM	69.8	5.8	80.8	6.7
05/09/2021 11:00:00 PM	70.0	5.8	77.3	6.4
Average Flow:	92.28	1,281.25	100.99	1,402.20
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.