



Patterson Irrigation District

Main River Section - Hourly Flow Averages

Start	04/26/2021 12:00:00 AM
End	05/03/2021 12:00:00 AM

Report Generated 05/03/2021 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
04/26/2021 12:00:00 AM	81.9	6.8	85.7	7.1
04/26/2021 01:00:00 AM	83.3	6.9	80.1	6.6
04/26/2021 02:00:00 AM	82.3	6.8	81.9	6.8
04/26/2021 03:00:00 AM	79.8	6.6	85.4	7.1
04/26/2021 04:00:00 AM	83.0	6.9	87.2	7.2
04/26/2021 05:00:00 AM	88.4	7.3	92.2	7.6
04/26/2021 06:00:00 AM	97.9	8.1	98.8	8.2
04/26/2021 07:00:00 AM	102.3	8.5	104.9	8.7
04/26/2021 08:00:00 AM	104.0	8.6	109.7	9.1
04/26/2021 09:00:00 AM	107.6	8.9	107.7	8.9
04/26/2021 10:00:00 AM	110.1	9.1	110.7	9.2
04/26/2021 11:00:00 AM	114.1	9.4	116.5	9.6
04/26/2021 12:00:00 PM	116.8	9.6	122.0	10.1
04/26/2021 01:00:00 PM	114.4	9.5	122.4	10.1
04/26/2021 02:00:00 PM	117.1	9.7	120.1	9.9
04/26/2021 03:00:00 PM	115.8	9.6	120.9	10.0
04/26/2021 04:00:00 PM	113.4	9.4	120.1	9.9
04/26/2021 05:00:00 PM	108.5	9.0	118.4	9.8
04/26/2021 06:00:00 PM	109.8	9.1	116.1	9.6
04/26/2021 07:00:00 PM	107.2	8.9	105.5	8.7
04/26/2021 08:00:00 PM	106.2	8.8	103.2	8.5
04/26/2021 09:00:00 PM	106.3	8.8	103.7	8.6
04/26/2021 10:00:00 PM	106.3	8.8	103.5	8.6
04/26/2021 11:00:00 PM	104.9	8.7	103.9	8.6
04/27/2021 12:00:00 AM	104.1	8.6	103.3	8.5
04/27/2021 01:00:00 AM	106.4	8.8	104.4	8.6
04/27/2021 02:00:00 AM	104.2	8.6	100.0	8.3
04/27/2021 03:00:00 AM	104.1	8.6	102.5	8.5
04/27/2021 04:00:00 AM	103.3	8.5	100.6	8.3
04/27/2021 05:00:00 AM	114.2	9.4	108.8	9.0
04/27/2021 06:00:00 AM	115.7	9.6	111.6	9.2
04/27/2021 07:00:00 AM	116.6	9.6	111.9	9.2
04/27/2021 08:00:00 AM	115.6	9.6	122.3	10.1
04/27/2021 09:00:00 AM	117.1	9.7	130.3	10.8
04/27/2021 10:00:00 AM	114.1	9.4	131.1	10.8
04/27/2021 11:00:00 AM	114.8	9.5	114.2	9.4
04/27/2021 12:00:00 PM	108.5	9.0	112.4	9.3
04/27/2021 01:00:00 PM	110.2	9.1	112.0	9.3
04/27/2021 02:00:00 PM	110.1	9.1	112.3	9.3
04/27/2021 03:00:00 PM	112.2	9.3	118.3	9.8
04/27/2021 04:00:00 PM	117.2	9.7	120.9	10.0
04/27/2021 05:00:00 PM	113.8	9.4	120.4	10.0
04/27/2021 06:00:00 PM	113.0	9.3	117.4	9.7
04/27/2021 07:00:00 PM	110.2	9.1	103.6	8.6
04/27/2021 08:00:00 PM	108.0	8.9	95.6	7.9
04/27/2021 09:00:00 PM	109.8	9.1	106.7	8.8
04/27/2021 10:00:00 PM	110.0	9.1	105.7	8.7
04/27/2021 11:00:00 PM	108.8	9.0	106.5	8.8
04/28/2021 12:00:00 AM	109.4	9.0	108.6	9.0
04/28/2021 01:00:00 AM	109.0	9.0	106.9	8.8
04/28/2021 02:00:00 AM	111.5	9.2	103.0	8.5
04/28/2021 03:00:00 AM	110.1	9.1	106.4	8.8
04/28/2021 04:00:00 AM	108.5	9.0	107.5	8.9
04/28/2021 05:00:00 AM	108.6	9.0	105.9	8.8



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Start	04/26/2021 12:00:00 AM
End	05/03/2021 12:00:00 AM

Report Generated 05/03/2021 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
04/28/2021 06:00:00 AM	113.2	9.4	109.3	9.0
04/28/2021 07:00:00 AM	115.9	9.6	112.5	9.3
04/28/2021 08:00:00 AM	112.1	9.3	112.1	9.3
04/28/2021 09:00:00 AM	107.4	8.9	112.9	9.3
04/28/2021 10:00:00 AM	108.2	8.9	113.0	9.3
04/28/2021 11:00:00 AM	113.4	9.4	115.3	9.5
04/28/2021 12:00:00 PM	113.2	9.4	119.9	9.9
04/28/2021 01:00:00 PM	118.6	9.8	129.6	10.7
04/28/2021 02:00:00 PM	116.5	9.6	123.8	10.2
04/28/2021 03:00:00 PM	126.1	10.4	130.8	10.8
04/28/2021 04:00:00 PM	124.6	10.3	134.9	11.2
04/28/2021 05:00:00 PM	119.9	9.9	131.0	10.8
04/28/2021 06:00:00 PM	119.9	9.9	124.3	10.3
04/28/2021 07:00:00 PM	113.6	9.4	114.2	9.4
04/28/2021 08:00:00 PM	114.7	9.5	108.4	9.0
04/28/2021 09:00:00 PM	118.4	9.8	116.4	9.6
04/28/2021 10:00:00 PM	117.6	9.7	112.3	9.3
04/28/2021 11:00:00 PM	117.4	9.7	114.3	9.4
04/29/2021 12:00:00 AM	116.0	9.6	112.0	9.3
04/29/2021 01:00:00 AM	118.8	9.8	110.5	9.1
04/29/2021 02:00:00 AM	116.5	9.6	109.1	9.0
04/29/2021 03:00:00 AM	116.4	9.6	110.6	9.1
04/29/2021 04:00:00 AM	117.8	9.7	111.9	9.2
04/29/2021 05:00:00 AM	121.2	10.0	112.4	9.3
04/29/2021 06:00:00 AM	124.6	10.3	116.2	9.6
04/29/2021 07:00:00 AM	125.0	10.3	117.5	9.7
04/29/2021 08:00:00 AM	126.2	10.4	117.4	9.7
04/29/2021 09:00:00 AM	127.5	10.5	120.2	9.9
04/29/2021 10:00:00 AM	126.0	10.4	118.0	9.8
04/29/2021 11:00:00 AM	121.9	10.1	114.4	9.5
04/29/2021 12:00:00 PM	115.2	9.5	97.6	8.1
04/29/2021 01:00:00 PM	109.0	9.0	107.4	8.9
04/29/2021 02:00:00 PM	104.5	8.6	106.3	8.8
04/29/2021 03:00:00 PM	109.7	9.1	115.4	9.5
04/29/2021 04:00:00 PM	113.8	9.4	112.6	9.3
04/29/2021 05:00:00 PM	114.3	9.4	114.1	9.4
04/29/2021 06:00:00 PM	111.6	9.2	111.0	9.2
04/29/2021 07:00:00 PM	109.5	9.1	108.6	9.0
04/29/2021 08:00:00 PM	110.1	9.1	103.6	8.6
04/29/2021 09:00:00 PM	108.9	9.0	109.8	9.1
04/29/2021 10:00:00 PM	104.6	8.6	107.7	8.9
04/29/2021 11:00:00 PM	89.2	7.4	98.6	8.2
04/30/2021 12:00:00 AM	90.0	7.4	96.1	7.9
04/30/2021 01:00:00 AM	88.7	7.3	93.3	7.7
04/30/2021 02:00:00 AM	102.1	8.4	101.8	8.4
04/30/2021 03:00:00 AM	80.9	6.7	85.0	7.0
04/30/2021 04:00:00 AM	85.4	7.1	85.9	7.1
04/30/2021 05:00:00 AM	82.7	6.8	84.5	7.0
04/30/2021 06:00:00 AM	85.1	7.0	86.3	7.1
04/30/2021 07:00:00 AM	94.7	7.8	98.5	8.1
04/30/2021 08:00:00 AM	101.2	8.4	101.3	8.4
04/30/2021 09:00:00 AM	110.3	9.1	110.7	9.1
04/30/2021 10:00:00 AM	107.4	8.9	107.9	8.9
04/30/2021 11:00:00 AM	110.9	9.2	114.4	9.5



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Start	04/26/2021 12:00:00 AM
End	05/03/2021 12:00:00 AM

Report Generated 05/03/2021 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
04/30/2021 12:00:00 PM	108.8	9.0	111.5	9.2
04/30/2021 01:00:00 PM	108.7	9.0	109.9	9.1
04/30/2021 02:00:00 PM	119.1	9.8	117.9	9.7
04/30/2021 03:00:00 PM	118.5	9.8	117.5	9.7
04/30/2021 04:00:00 PM	112.1	9.3	117.4	9.7
04/30/2021 05:00:00 PM	107.3	8.9	116.9	9.7
04/30/2021 06:00:00 PM	106.6	8.8	114.5	9.5
04/30/2021 07:00:00 PM	107.7	8.9	113.1	9.3
04/30/2021 08:00:00 PM	110.0	9.1	112.5	9.3
04/30/2021 09:00:00 PM	112.2	9.3	107.8	8.9
04/30/2021 10:00:00 PM	109.8	9.1	107.7	8.9
04/30/2021 11:00:00 PM	106.4	8.8	106.6	8.8
05/01/2021 12:00:00 AM	107.3	8.9	104.7	8.6
05/01/2021 01:00:00 AM	106.4	8.8	107.5	8.9
05/01/2021 02:00:00 AM	107.4	8.9	107.6	8.9
05/01/2021 03:00:00 AM	109.0	9.0	108.3	8.9
05/01/2021 04:00:00 AM	106.4	8.8	107.9	8.9
05/01/2021 05:00:00 AM	106.0	8.8	105.4	8.7
05/01/2021 06:00:00 AM	108.8	9.0	105.3	8.7
05/01/2021 07:00:00 AM	112.6	9.3	107.3	8.9
05/01/2021 08:00:00 AM	111.6	9.2	104.7	8.7
05/01/2021 09:00:00 AM	106.5	8.8	105.8	8.7
05/01/2021 10:00:00 AM	108.1	8.9	111.0	9.2
05/01/2021 11:00:00 AM	109.5	9.0	117.5	9.7
05/01/2021 12:00:00 PM	107.6	8.9	120.6	10.0
05/01/2021 01:00:00 PM	107.0	8.8	128.7	10.6
05/01/2021 02:00:00 PM	110.6	9.1	132.8	11.0
05/01/2021 03:00:00 PM	108.9	9.0	131.5	10.9
05/01/2021 04:00:00 PM	103.2	8.5	119.0	9.8
05/01/2021 05:00:00 PM	96.4	8.0	112.9	9.3
05/01/2021 06:00:00 PM	98.4	8.1	111.1	9.2
05/01/2021 07:00:00 PM	94.5	7.8	93.1	7.7
05/01/2021 08:00:00 PM	90.7	7.5	80.2	6.6
05/01/2021 09:00:00 PM	88.8	7.3	93.2	7.7
05/01/2021 10:00:00 PM	90.2	7.5	95.5	7.9
05/01/2021 11:00:00 PM	89.1	7.4	93.3	7.7
05/02/2021 12:00:00 AM	89.6	7.4	95.2	7.9
05/02/2021 01:00:00 AM	91.6	7.6	94.8	7.8
05/02/2021 02:00:00 AM	88.9	7.3	94.4	7.8
05/02/2021 03:00:00 AM	88.3	7.3	94.3	7.8
05/02/2021 04:00:00 AM	91.9	7.6	94.1	7.8
05/02/2021 05:00:00 AM	92.8	7.7	94.7	7.8
05/02/2021 06:00:00 AM	96.2	7.9	96.0	7.9
05/02/2021 07:00:00 AM	95.5	7.9	98.3	8.1
05/02/2021 08:00:00 AM	96.6	8.0	107.4	8.9
05/02/2021 09:00:00 AM	97.8	8.1	119.6	9.9
05/02/2021 10:00:00 AM	97.9	8.1	119.7	9.9
05/02/2021 11:00:00 AM	96.8	8.0	117.2	9.7
05/02/2021 12:00:00 PM	94.8	7.8	115.0	9.5
05/02/2021 01:00:00 PM	93.4	7.7	115.4	9.5
05/02/2021 02:00:00 PM	87.1	7.2	112.9	9.3
05/02/2021 03:00:00 PM	83.0	6.9	100.7	8.3
05/02/2021 04:00:00 PM	82.3	6.8	109.7	9.1
05/02/2021 05:00:00 PM	81.0	6.7	106.3	8.8



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Main River Section - Hourly Flow Averages

Start	04/26/2021 12:00:00 AM
End	05/03/2021 12:00:00 AM

Report Generated 05/03/2021 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
05/02/2021 06:00:00 PM	78.7	6.5	100.5	8.3
05/02/2021 07:00:00 PM	79.1	6.5	81.7	6.8
05/02/2021 08:00:00 PM	76.4	6.3	78.0	6.4
05/02/2021 09:00:00 PM	71.0	5.9	78.8	6.5
05/02/2021 10:00:00 PM	73.8	6.1	80.3	6.6
05/02/2021 11:00:00 PM	75.7	6.3	78.2	6.5
Average Flow:	105.24	1,461.23	107.96	1,498.93
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.