



# Patterson Irrigation District

## Main River Section - Hourly Flow Averages

<b>Start</b>	<b>05/17/2021 12:00:00 AM</b>
<b>End</b>	<b>05/24/2021 12:00:00 AM</b>

Report Generated 06/14/2021 09:47:31 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
05/17/2021 12:00:00 AM	67.5	5.6	69.7	5.8
05/17/2021 01:00:00 AM	82.3	6.8	82.4	6.8
05/17/2021 02:00:00 AM	84.0	6.9	91.7	7.6
05/17/2021 03:00:00 AM	81.9	6.8	88.4	7.3
05/17/2021 04:00:00 AM	82.0	6.8	87.2	7.2
05/17/2021 05:00:00 AM	84.9	7.0	88.1	7.3
05/17/2021 06:00:00 AM	86.8	7.2	91.6	7.6
05/17/2021 07:00:00 AM	89.0	7.4	93.3	7.7
05/17/2021 08:00:00 AM	89.0	7.4	91.5	7.6
05/17/2021 09:00:00 AM	86.9	7.2	90.5	7.5
05/17/2021 10:00:00 AM	88.3	7.3	95.3	7.9
05/17/2021 11:00:00 AM	90.8	7.5	98.0	8.1
05/17/2021 12:00:00 PM	91.0	7.5	99.6	8.2
05/17/2021 01:00:00 PM	92.4	7.6	99.8	8.3
05/17/2021 02:00:00 PM	96.6	8.0	102.4	8.5
05/17/2021 03:00:00 PM	95.2	7.9	104.1	8.6
05/17/2021 04:00:00 PM	89.7	7.4	101.3	8.4
05/17/2021 05:00:00 PM	92.7	7.7	101.7	8.4
05/17/2021 06:00:00 PM	93.1	7.7	100.5	8.3
05/17/2021 07:00:00 PM	92.2	7.6	97.1	8.0
05/17/2021 08:00:00 PM	89.5	7.4	95.7	7.9
05/17/2021 09:00:00 PM	88.4	7.3	96.3	8.0
05/17/2021 10:00:00 PM	90.5	7.5	96.1	7.9
05/17/2021 11:00:00 PM	96.2	8.0	95.9	7.9
05/18/2021 12:00:00 AM	95.6	7.9	95.2	7.9
05/18/2021 01:00:00 AM	91.8	7.6	93.7	7.7
05/18/2021 02:00:00 AM	90.1	7.4	91.9	7.6
05/18/2021 03:00:00 AM	86.8	7.2	91.9	7.6
05/18/2021 04:00:00 AM	84.5	7.0	85.9	7.1
05/18/2021 05:00:00 AM	89.0	7.4	91.7	7.6
05/18/2021 06:00:00 AM	100.9	8.3	99.9	8.3
05/18/2021 07:00:00 AM	106.7	8.8	105.7	8.7
05/18/2021 08:00:00 AM	106.9	8.8	105.6	8.7
05/18/2021 09:00:00 AM	109.7	9.1	109.4	9.0
05/18/2021 10:00:00 AM	110.3	9.1	112.5	9.3
05/18/2021 11:00:00 AM	108.1	8.9	115.6	9.6
05/18/2021 12:00:00 PM	102.6	8.5	114.8	9.5
05/18/2021 01:00:00 PM	106.0	8.8	122.6	10.1
05/18/2021 02:00:00 PM	105.2	8.7	120.1	9.9
05/18/2021 03:00:00 PM	98.8	8.2	115.3	9.5
05/18/2021 04:00:00 PM	97.4	8.1	114.2	9.4
05/18/2021 05:00:00 PM	97.3	8.0	112.4	9.3
05/18/2021 06:00:00 PM	97.6	8.1	116.6	9.6
05/18/2021 07:00:00 PM	96.2	7.9	105.4	8.7
05/18/2021 08:00:00 PM	92.9	7.7	99.6	8.2
05/18/2021 09:00:00 PM	97.9	8.1	101.2	8.4
05/18/2021 10:00:00 PM	100.0	8.3	99.8	8.2
05/18/2021 11:00:00 PM	97.1	8.0	98.4	8.1
05/19/2021 12:00:00 AM	96.1	7.9	97.6	8.1
05/19/2021 01:00:00 AM	95.0	7.9	98.5	8.1
05/19/2021 02:00:00 AM	94.5	7.8	101.0	8.3
05/19/2021 03:00:00 AM	97.3	8.0	99.4	8.2
05/19/2021 04:00:00 AM	100.2	8.3	99.4	8.2
05/19/2021 05:00:00 AM	111.1	9.2	107.7	8.9



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<b>Start</b>	<b>05/17/2021 12:00:00 AM</b>
<b>End</b>	<b>05/24/2021 12:00:00 AM</b>

Report Generated 06/14/2021 09:47:31 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
05/19/2021 06:00:00 AM	113.0	9.3	109.3	9.0
05/19/2021 07:00:00 AM	114.0	9.4	114.6	9.5
05/19/2021 08:00:00 AM	118.6	9.8	119.6	9.9
05/19/2021 09:00:00 AM	121.6	10.0	120.9	10.0
05/19/2021 10:00:00 AM	118.3	9.8	117.8	9.7
05/19/2021 11:00:00 AM	110.6	9.1	112.5	9.3
05/19/2021 12:00:00 PM	106.7	8.8	112.6	9.3
05/19/2021 01:00:00 PM	105.9	8.8	110.9	9.2
05/19/2021 02:00:00 PM	112.7	9.3	127.0	10.5
05/19/2021 03:00:00 PM	116.0	9.6	136.4	11.3
05/19/2021 04:00:00 PM	116.0	9.6	141.1	11.7
05/19/2021 05:00:00 PM	115.6	9.6	146.0	12.1
05/19/2021 06:00:00 PM	115.8	9.6	130.5	10.8
05/19/2021 07:00:00 PM	112.4	9.3	106.1	8.8
05/19/2021 08:00:00 PM	112.1	9.3	109.5	9.0
05/19/2021 09:00:00 PM	112.1	9.3	114.2	9.4
05/19/2021 10:00:00 PM	110.5	9.1	112.6	9.3
05/19/2021 11:00:00 PM	108.4	9.0	112.0	9.3
05/20/2021 12:00:00 AM	107.2	8.9	109.6	9.1
05/20/2021 01:00:00 AM	108.7	9.0	111.8	9.2
05/20/2021 02:00:00 AM	109.3	9.0	113.5	9.4
05/20/2021 03:00:00 AM	111.7	9.2	111.9	9.2
05/20/2021 04:00:00 AM	116.4	9.6	115.1	9.5
05/20/2021 05:00:00 AM	120.3	9.9	119.4	9.9
05/20/2021 06:00:00 AM	119.2	9.8	118.7	9.8
05/20/2021 07:00:00 AM	120.3	9.9	119.1	9.8
05/20/2021 08:00:00 AM	118.6	9.8	121.4	10.0
05/20/2021 09:00:00 AM	122.1	10.1	128.9	10.7
05/20/2021 10:00:00 AM	122.4	10.1	135.7	11.2
05/20/2021 11:00:00 AM	122.8	10.2	132.0	10.9
05/20/2021 12:00:00 PM	123.8	10.2	122.7	10.1
05/20/2021 01:00:00 PM	120.1	9.9	134.3	11.1
05/20/2021 02:00:00 PM	114.7	9.5	135.5	11.2
05/20/2021 03:00:00 PM	109.1	9.0	123.3	10.2
05/20/2021 04:00:00 PM	107.4	8.9	121.9	10.1
05/20/2021 05:00:00 PM	108.0	8.9	115.2	9.5
05/20/2021 06:00:00 PM	105.6	8.7	102.9	8.5
05/20/2021 07:00:00 PM	106.4	8.8	103.1	8.5
05/20/2021 08:00:00 PM	107.2	8.9	111.0	9.2
05/20/2021 09:00:00 PM	105.3	8.7	107.8	8.9
05/20/2021 10:00:00 PM	110.2	9.1	113.1	9.3
05/20/2021 11:00:00 PM	113.4	9.4	112.7	9.3
05/21/2021 12:00:00 AM	113.3	9.4	105.6	8.7
05/21/2021 01:00:00 AM	110.4	9.1	107.9	8.9
05/21/2021 02:00:00 AM	111.0	9.2	113.5	9.4
05/21/2021 03:00:00 AM	112.8	9.3	114.7	9.5
05/21/2021 04:00:00 AM	110.0	9.1	116.4	9.6
05/21/2021 05:00:00 AM	109.0	9.0	116.9	9.7
05/21/2021 06:00:00 AM	116.1	9.6	125.1	10.3
05/21/2021 07:00:00 AM	122.3	10.1	137.3	11.4
05/21/2021 08:00:00 AM	121.4	10.0	142.6	11.8
05/21/2021 09:00:00 AM	121.0	10.0	132.2	10.9
05/21/2021 10:00:00 AM	111.5	9.2	106.0	8.8
05/21/2021 11:00:00 AM	110.6	9.1	104.3	8.6



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## Main River Section - Hourly Flow Averages

<b>Start</b>	<b>05/17/2021 12:00:00 AM</b>
<b>End</b>	<b>05/24/2021 12:00:00 AM</b>

Report Generated 06/14/2021 09:47:31 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
05/21/2021 12:00:00 PM	111.6	9.2	115.4	9.5
05/21/2021 01:00:00 PM	113.4	9.4	113.4	9.4
05/21/2021 02:00:00 PM	114.4	9.5	115.9	9.6
05/21/2021 03:00:00 PM	116.4	9.6	117.9	9.7
05/21/2021 04:00:00 PM	112.7	9.3	117.8	9.7
05/21/2021 05:00:00 PM	106.9	8.8	111.5	9.2
05/21/2021 06:00:00 PM	103.7	8.6	109.8	9.1
05/21/2021 07:00:00 PM	102.9	8.5	117.0	9.7
05/21/2021 08:00:00 PM	103.3	8.5	109.7	9.1
05/21/2021 09:00:00 PM	108.4	9.0	108.2	8.9
05/21/2021 10:00:00 PM	111.0	9.2	110.6	9.1
05/21/2021 11:00:00 PM	112.0	9.3	110.0	9.1
05/22/2021 12:00:00 AM	111.2	9.2	110.4	9.1
05/22/2021 01:00:00 AM	110.7	9.1	110.1	9.1
05/22/2021 02:00:00 AM	108.3	8.9	109.2	9.0
05/22/2021 03:00:00 AM	109.9	9.1	111.8	9.2
05/22/2021 04:00:00 AM	107.6	8.9	111.4	9.2
05/22/2021 05:00:00 AM	109.5	9.0	113.3	9.4
05/22/2021 06:00:00 AM	113.8	9.4	118.0	9.8
05/22/2021 07:00:00 AM	119.0	9.8	122.2	10.1
05/22/2021 08:00:00 AM	120.2	9.9	121.9	10.1
05/22/2021 09:00:00 AM	119.1	9.8	123.9	10.2
05/22/2021 10:00:00 AM	120.7	10.0	124.9	10.3
05/22/2021 11:00:00 AM	122.1	10.1	123.2	10.2
05/22/2021 12:00:00 PM	123.3	10.2	120.3	9.9
05/22/2021 01:00:00 PM	123.0	10.2	118.2	9.8
05/22/2021 02:00:00 PM	114.9	9.5	116.0	9.6
05/22/2021 03:00:00 PM	117.1	9.7	120.3	9.9
05/22/2021 04:00:00 PM	113.1	9.4	125.1	10.3
05/22/2021 05:00:00 PM	111.9	9.3	119.3	9.9
05/22/2021 06:00:00 PM	107.1	8.9	106.7	8.8
05/22/2021 07:00:00 PM	104.9	8.7	110.2	9.1
05/22/2021 08:00:00 PM	98.3	8.1	105.3	8.7
05/22/2021 09:00:00 PM	100.3	8.3	105.0	8.7
05/22/2021 10:00:00 PM	98.8	8.2	104.4	8.6
05/22/2021 11:00:00 PM	96.7	8.0	101.6	8.4
05/23/2021 12:00:00 AM	100.7	8.3	103.7	8.6
05/23/2021 01:00:00 AM	101.5	8.4	101.6	8.4
05/23/2021 02:00:00 AM	103.2	8.5	101.5	8.4
05/23/2021 03:00:00 AM	103.2	8.5	102.5	8.5
05/23/2021 04:00:00 AM	102.1	8.4	103.4	8.5
05/23/2021 05:00:00 AM	101.7	8.4	102.0	8.4
05/23/2021 06:00:00 AM	94.9	7.8	97.8	8.1
05/23/2021 07:00:00 AM	94.5	7.8	99.5	8.2
05/23/2021 08:00:00 AM	89.3	7.4	94.2	7.8
05/23/2021 09:00:00 AM	86.9	7.2	92.0	7.6
05/23/2021 10:00:00 AM	89.6	7.4	92.3	7.6
05/23/2021 11:00:00 AM	88.3	7.3	90.9	7.5
05/23/2021 12:00:00 PM	89.2	7.4	92.1	7.6
05/23/2021 01:00:00 PM	90.1	7.4	98.5	8.1
05/23/2021 02:00:00 PM	89.4	7.4	96.6	8.0
05/23/2021 03:00:00 PM	89.5	7.4	97.7	8.1
05/23/2021 04:00:00 PM	90.3	7.5	98.4	8.1
05/23/2021 05:00:00 PM	91.0	7.5	92.4	7.6



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## Main River Section - Hourly Flow Averages

<b>Start</b>	<b>05/17/2021 12:00:00 AM</b>
<b>End</b>	<b>05/24/2021 12:00:00 AM</b>

Report Generated 06/14/2021 09:47:31 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
05/23/2021 06:00:00 PM	89.0	7.4	91.5	7.6
05/23/2021 07:00:00 PM	88.3	7.3	88.7	7.3
05/23/2021 08:00:00 PM	83.7	6.9	83.3	6.9
05/23/2021 09:00:00 PM	80.8	6.7	82.9	6.9
05/23/2021 10:00:00 PM	77.8	6.4	82.9	6.9
05/23/2021 11:00:00 PM	79.4	6.6	82.8	6.8
<b>Average Flow:</b>	<b>103.67</b>	<b>1,439.44</b>	<b>108.19</b>	<b>1,502.20</b>
<b>Dataset Device Utilized:</b>	<b>SONTEK SL</b>	<b>SONTEK SL</b>	<b>SOMMERS RQ-30</b>	<b>SOMMERS RQ-30</b>

\*Amount diverted is calculated using the average hourly flow rate in CFS.