



Patterson Irrigation District

Main River Section - Hourly Flow Averages

Start	05/10/2021 12:00:00 AM
End	05/17/2021 12:00:00 AM

Report Generated 06/14/2021 09:46:51 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
05/10/2021 12:00:00 AM	78.6	6.5	85.5	7.1
05/10/2021 01:00:00 AM	58.4	4.8	66.8	5.5
05/10/2021 02:00:00 AM	72.6	6.0	82.6	6.8
05/10/2021 03:00:00 AM	76.7	6.3	83.6	6.9
05/10/2021 04:00:00 AM	80.0	6.6	92.1	7.6
05/10/2021 05:00:00 AM	87.6	7.2	99.7	8.2
05/10/2021 06:00:00 AM	90.0	7.4	100.1	8.3
05/10/2021 07:00:00 AM	94.7	7.8	101.7	8.4
05/10/2021 08:00:00 AM	93.8	7.8	102.9	8.5
05/10/2021 09:00:00 AM	96.7	8.0	107.9	8.9
05/10/2021 10:00:00 AM	91.8	7.6	96.3	8.0
05/10/2021 11:00:00 AM	92.4	7.6	98.9	8.2
05/10/2021 12:00:00 PM	95.8	7.9	98.5	8.1
05/10/2021 01:00:00 PM	91.5	7.6	93.6	7.7
05/10/2021 02:00:00 PM	93.9	7.8	95.1	7.9
05/10/2021 03:00:00 PM	92.2	7.6	91.8	7.6
05/10/2021 04:00:00 PM	90.9	7.5	101.1	8.4
05/10/2021 05:00:00 PM	93.5	7.7	107.0	8.8
05/10/2021 06:00:00 PM	92.7	7.7	103.2	8.5
05/10/2021 07:00:00 PM	90.6	7.5	95.3	7.9
05/10/2021 08:00:00 PM	86.3	7.1	89.1	7.4
05/10/2021 09:00:00 PM	83.3	6.9	90.9	7.5
05/10/2021 10:00:00 PM	86.4	7.1	93.4	7.7
05/10/2021 11:00:00 PM	87.5	7.2	93.1	7.7
05/11/2021 12:00:00 AM	87.5	7.2	93.7	7.7
05/11/2021 01:00:00 AM	89.0	7.4	93.8	7.7
05/11/2021 02:00:00 AM	88.0	7.3	95.1	7.9
05/11/2021 03:00:00 AM	87.2	7.2	92.6	7.6
05/11/2021 04:00:00 AM	93.9	7.8	93.9	7.8
05/11/2021 05:00:00 AM	97.6	8.1	98.5	8.1
05/11/2021 06:00:00 AM	97.5	8.1	98.7	8.2
05/11/2021 07:00:00 AM	102.7	8.5	102.4	8.5
05/11/2021 08:00:00 AM	103.8	8.6	103.1	8.5
05/11/2021 09:00:00 AM	105.3	8.7	105.7	8.7
05/11/2021 10:00:00 AM	106.7	8.8	108.0	8.9
05/11/2021 11:00:00 AM	102.2	8.4	104.7	8.6
05/11/2021 12:00:00 PM	104.7	8.7	106.7	8.8
05/11/2021 01:00:00 PM	105.1	8.7	115.9	9.6
05/11/2021 02:00:00 PM	114.8	9.5	118.1	9.8
05/11/2021 03:00:00 PM	114.9	9.5	121.3	10.0
05/11/2021 04:00:00 PM	107.3	8.9	115.9	9.6
05/11/2021 05:00:00 PM	105.2	8.7	114.6	9.5
05/11/2021 06:00:00 PM	102.4	8.5	111.7	9.2
05/11/2021 07:00:00 PM	99.3	8.2	108.4	9.0
05/11/2021 08:00:00 PM	98.5	8.1	106.1	8.8
05/11/2021 09:00:00 PM	98.6	8.1	108.4	9.0
05/11/2021 10:00:00 PM	102.1	8.4	109.3	9.0
05/11/2021 11:00:00 PM	106.6	8.8	108.2	8.9
05/12/2021 12:00:00 AM	108.5	9.0	106.8	8.8
05/12/2021 01:00:00 AM	105.5	8.7	106.8	8.8
05/12/2021 02:00:00 AM	102.1	8.4	105.9	8.7
05/12/2021 03:00:00 AM	101.3	8.4	104.6	8.6
05/12/2021 04:00:00 AM	102.9	8.5	105.7	8.7
05/12/2021 05:00:00 AM	107.3	8.9	110.7	9.1



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Start	05/10/2021 12:00:00 AM
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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
05/12/2021 06:00:00 AM	111.1	9.2	114.3	9.4
05/12/2021 07:00:00 AM	115.6	9.6	115.4	9.5
05/12/2021 08:00:00 AM	110.8	9.2	111.0	9.2
05/12/2021 09:00:00 AM	108.5	9.0	111.8	9.2
05/12/2021 10:00:00 AM	109.7	9.1	111.5	9.2
05/12/2021 11:00:00 AM	101.1	8.4	105.2	8.7
05/12/2021 12:00:00 PM	55.7	4.6	70.1	5.8
05/12/2021 01:00:00 PM	64.1	5.3	73.0	6.0
05/12/2021 02:00:00 PM	60.0	5.0	72.7	6.0
05/12/2021 03:00:00 PM	56.1	4.6	71.5	5.9
05/12/2021 04:00:00 PM	57.9	4.8	76.4	6.3
05/12/2021 05:00:00 PM	58.8	4.9	70.1	5.8
05/12/2021 06:00:00 PM	57.2	4.7	66.8	5.5
05/12/2021 07:00:00 PM	57.4	4.7	65.7	5.4
05/12/2021 08:00:00 PM	51.8	4.3	60.7	5.0
05/12/2021 09:00:00 PM	53.4	4.4	64.5	5.3
05/12/2021 10:00:00 PM	50.6	4.2	62.9	5.2
05/12/2021 11:00:00 PM	55.9	4.6	62.0	5.1
05/13/2021 12:00:00 AM	57.6	4.8	60.0	5.0
05/13/2021 01:00:00 AM	62.9	5.2	61.3	5.1
05/13/2021 02:00:00 AM	62.5	5.2	60.5	5.0
05/13/2021 03:00:00 AM	58.3	4.8	61.7	5.1
05/13/2021 04:00:00 AM	55.7	4.6	62.3	5.2
05/13/2021 05:00:00 AM	59.2	4.9	65.6	5.4
05/13/2021 06:00:00 AM	66.5	5.5	69.4	5.7
05/13/2021 07:00:00 AM	73.5	6.1	76.8	6.4
05/13/2021 08:00:00 AM	74.5	6.2	82.5	6.8
05/13/2021 09:00:00 AM	72.9	6.0	79.1	6.5
05/13/2021 10:00:00 AM	76.3	6.3	84.0	6.9
05/13/2021 11:00:00 AM	73.9	6.1	87.8	7.3
05/13/2021 12:00:00 PM	75.8	6.3	97.7	8.1
05/13/2021 01:00:00 PM	106.2	8.8	119.5	9.9
05/13/2021 02:00:00 PM	106.8	8.8	118.1	9.8
05/13/2021 03:00:00 PM	112.1	9.3	127.4	10.5
05/13/2021 04:00:00 PM	107.7	8.9	119.7	9.9
05/13/2021 05:00:00 PM	111.8	9.2	119.3	9.9
05/13/2021 06:00:00 PM	111.8	9.2	115.5	9.5
05/13/2021 07:00:00 PM	103.3	8.5	109.5	9.1
05/13/2021 08:00:00 PM	103.0	8.5	108.5	9.0
05/13/2021 09:00:00 PM	104.6	8.6	112.9	9.3
05/13/2021 10:00:00 PM	101.7	8.4	110.5	9.1
05/13/2021 11:00:00 PM	107.2	8.9	111.5	9.2
05/14/2021 12:00:00 AM	110.3	9.1	109.8	9.1
05/14/2021 01:00:00 AM	110.5	9.1	109.8	9.1
05/14/2021 02:00:00 AM	105.3	8.7	109.5	9.1
05/14/2021 03:00:00 AM	105.5	8.7	109.7	9.1
05/14/2021 04:00:00 AM	106.8	8.8	111.5	9.2
05/14/2021 05:00:00 AM	108.6	9.0	111.3	9.2
05/14/2021 06:00:00 AM	110.4	9.1	112.1	9.3
05/14/2021 07:00:00 AM	105.1	8.7	112.1	9.3
05/14/2021 08:00:00 AM	110.9	9.2	116.5	9.6
05/14/2021 09:00:00 AM	113.0	9.3	120.4	10.0
05/14/2021 10:00:00 AM	118.7	9.8	121.9	10.1
05/14/2021 11:00:00 AM	119.7	9.9	128.1	10.6



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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
05/14/2021 12:00:00 PM	119.8	9.9	124.1	10.3
05/14/2021 01:00:00 PM	119.5	9.9	118.8	9.8
05/14/2021 02:00:00 PM	114.3	9.4	120.7	10.0
05/14/2021 03:00:00 PM	109.8	9.1	119.8	9.9
05/14/2021 04:00:00 PM	111.2	9.2	117.6	9.7
05/14/2021 05:00:00 PM	111.7	9.2	116.5	9.6
05/14/2021 06:00:00 PM	108.2	8.9	114.8	9.5
05/14/2021 07:00:00 PM	107.0	8.8	109.6	9.1
05/14/2021 08:00:00 PM	106.0	8.8	109.9	9.1
05/14/2021 09:00:00 PM	103.1	8.5	110.0	9.1
05/14/2021 10:00:00 PM	99.4	8.2	108.7	9.0
05/14/2021 11:00:00 PM	99.6	8.2	109.1	9.0
05/15/2021 12:00:00 AM	103.6	8.6	109.1	9.0
05/15/2021 01:00:00 AM	108.6	9.0	110.9	9.2
05/15/2021 02:00:00 AM	105.4	8.7	107.9	8.9
05/15/2021 03:00:00 AM	102.3	8.5	105.5	8.7
05/15/2021 04:00:00 AM	102.5	8.5	106.9	8.8
05/15/2021 05:00:00 AM	104.7	8.7	109.0	9.0
05/15/2021 06:00:00 AM	104.8	8.7	107.0	8.8
05/15/2021 07:00:00 AM	94.0	7.8	98.3	8.1
05/15/2021 08:00:00 AM	91.8	7.6	98.8	8.2
05/15/2021 09:00:00 AM	81.7	6.8	88.7	7.3
05/15/2021 10:00:00 AM	83.0	6.9	93.1	7.7
05/15/2021 11:00:00 AM	87.4	7.2	91.3	7.5
05/15/2021 12:00:00 PM	86.3	7.1	90.5	7.5
05/15/2021 01:00:00 PM	88.8	7.3	89.2	7.4
05/15/2021 02:00:00 PM	92.7	7.7	92.0	7.6
05/15/2021 03:00:00 PM	84.2	7.0	93.2	7.7
05/15/2021 04:00:00 PM	83.3	6.9	95.0	7.8
05/15/2021 05:00:00 PM	84.1	7.0	89.9	7.4
05/15/2021 06:00:00 PM	81.3	6.7	89.7	7.4
05/15/2021 07:00:00 PM	76.8	6.3	83.9	6.9
05/15/2021 08:00:00 PM	71.6	5.9	79.2	6.5
05/15/2021 09:00:00 PM	71.6	5.9	81.5	6.7
05/15/2021 10:00:00 PM	71.2	5.9	78.7	6.5
05/15/2021 11:00:00 PM	78.5	6.5	79.4	6.6
05/16/2021 12:00:00 AM	81.3	6.7	81.2	6.7
05/16/2021 01:00:00 AM	79.2	6.5	81.2	6.7
05/16/2021 02:00:00 AM	75.6	6.2	79.4	6.6
05/16/2021 03:00:00 AM	76.9	6.4	81.2	6.7
05/16/2021 04:00:00 AM	80.4	6.6	85.4	7.1
05/16/2021 05:00:00 AM	84.6	7.0	87.7	7.2
05/16/2021 06:00:00 AM	83.6	6.9	88.4	7.3
05/16/2021 07:00:00 AM	88.1	7.3	92.5	7.6
05/16/2021 08:00:00 AM	86.3	7.1	89.8	7.4
05/16/2021 09:00:00 AM	89.0	7.4	91.4	7.6
05/16/2021 10:00:00 AM	83.1	6.9	85.1	7.0
05/16/2021 11:00:00 AM	79.6	6.6	79.9	6.6
05/16/2021 12:00:00 PM	75.7	6.3	80.2	6.6
05/16/2021 01:00:00 PM	77.8	6.4	86.0	7.1
05/16/2021 02:00:00 PM	83.0	6.9	84.7	7.0
05/16/2021 03:00:00 PM	74.9	6.2	80.9	6.7
05/16/2021 04:00:00 PM	71.1	5.9	80.2	6.6
05/16/2021 05:00:00 PM	74.4	6.1	79.8	6.6



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Main River Section - Hourly Flow Averages

Start	05/10/2021 12:00:00 AM
End	05/17/2021 12:00:00 AM

Report Generated 06/14/2021 09:46:51 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
05/16/2021 06:00:00 PM	75.2	6.2	79.3	6.6
05/16/2021 07:00:00 PM	70.1	5.8	75.0	6.2
05/16/2021 08:00:00 PM	69.1	5.7	73.1	6.0
05/16/2021 09:00:00 PM	66.3	5.5	75.6	6.2
05/16/2021 10:00:00 PM	65.4	5.4	74.1	6.1
05/16/2021 11:00:00 PM	65.9	5.4	74.4	6.2
Average Flow:	90.23	1,252.77	96.07	1,333.88
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.