



Patterson Irrigation District

Main River Section - Hourly Flow Averages

Start	04/14/2025 12:00:00 AM
End	04/21/2025 12:00:00 AM

Report Generated 04/21/2025 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
04/14/2025 12:00:00 AM	-0.6	-0.1	1.0	0.1
04/14/2025 01:00:00 AM	error	-	3.3	0.3
04/14/2025 02:00:00 AM	error	-	error	-
04/14/2025 03:00:00 AM	0.4	0.0	error	-
04/14/2025 04:00:00 AM	0.4	0.0	error	-
04/14/2025 05:00:00 AM	error	-	error	-
04/14/2025 06:00:00 AM	0.1	0.0	7.5	0.6
04/14/2025 07:00:00 AM	0.4	0.0	1.8	0.2
04/14/2025 08:00:00 AM	0.2	0.0	13.9	1.1
04/14/2025 09:00:00 AM	-0.2	-0.0	6.9	0.6
04/14/2025 10:00:00 AM	error	-	7.0	0.6
04/14/2025 11:00:00 AM	error	-	7.4	0.6
04/14/2025 12:00:00 PM	error	-	6.6	0.5
04/14/2025 01:00:00 PM	error	-	5.8	0.5
04/14/2025 02:00:00 PM	error	-	4.1	0.3
04/14/2025 03:00:00 PM	-0.1	-0.0	10.8	0.9
04/14/2025 04:00:00 PM	-0.1	-0.0	10.2	0.8
04/14/2025 05:00:00 PM	error	-	10.0	0.8
04/14/2025 06:00:00 PM	error	-	8.6	0.7
04/14/2025 07:00:00 PM	-0.0	-0.0	15.7	1.3
04/14/2025 08:00:00 PM	-0.1	-0.0	14.9	1.2
04/14/2025 09:00:00 PM	error	-	8.1	0.7
04/14/2025 10:00:00 PM	0.3	0.0	9.2	0.8
04/14/2025 11:00:00 PM	-0.1	-0.0	6.7	0.6
04/15/2025 12:00:00 AM	0.0	0.0	6.1	0.5
04/15/2025 01:00:00 AM	0.2	0.0	6.8	0.6
04/15/2025 02:00:00 AM	-0.2	-0.0	5.9	0.5
04/15/2025 03:00:00 AM	0.2	0.0	5.9	0.5
04/15/2025 04:00:00 AM	0.5	0.0	4.6	0.4
04/15/2025 05:00:00 AM	0.2	0.0	error	-
04/15/2025 06:00:00 AM	0.8	0.1	4.6	0.4
04/15/2025 07:00:00 AM	0.1	0.0	4.3	0.4
04/15/2025 08:00:00 AM	0.2	0.0	6.3	0.5
04/15/2025 09:00:00 AM	0.2	0.0	6.6	0.5
04/15/2025 10:00:00 AM	-0.1	-0.0	6.6	0.5
04/15/2025 11:00:00 AM	error	-	9.1	0.8
04/15/2025 12:00:00 PM	error	-	9.1	0.8
04/15/2025 01:00:00 PM	0.1	0.0	9.9	0.8
04/15/2025 02:00:00 PM	45.6	3.8	103.7	8.6
04/15/2025 03:00:00 PM	42.4	3.5	62.0	5.1
04/15/2025 04:00:00 PM	61.0	5.0	83.2	6.9
04/15/2025 05:00:00 PM	13.8	1.1	43.4	3.6
04/15/2025 06:00:00 PM	16.4	1.4	39.3	3.3
04/15/2025 07:00:00 PM	17.4	1.4	39.6	3.3
04/15/2025 08:00:00 PM	19.5	1.6	41.4	3.4
04/15/2025 09:00:00 PM	22.2	1.8	43.1	3.6
04/15/2025 10:00:00 PM	22.8	1.9	47.4	3.9
04/15/2025 11:00:00 PM	22.4	1.8	45.4	3.8
04/16/2025 12:00:00 AM	21.1	1.7	44.3	3.7
04/16/2025 01:00:00 AM	21.2	1.8	41.3	3.4
04/16/2025 02:00:00 AM	22.5	1.9	34.2	2.8
04/16/2025 03:00:00 AM	31.3	2.6	38.1	3.1
04/16/2025 04:00:00 AM	43.0	3.6	50.3	4.2
04/16/2025 05:00:00 AM	43.8	3.6	52.9	4.4



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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
04/16/2025 06:00:00 AM	55.1	4.6	63.7	5.3
04/16/2025 07:00:00 AM	44.2	3.7	51.6	4.3
04/16/2025 08:00:00 AM	58.5	4.8	61.4	5.1
04/16/2025 09:00:00 AM	95.0	7.9	105.0	8.7
04/16/2025 10:00:00 AM	93.7	7.7	105.5	8.7
04/16/2025 11:00:00 AM	85.1	7.0	98.1	8.1
04/16/2025 12:00:00 PM	92.1	7.6	103.1	8.5
04/16/2025 01:00:00 PM	97.4	8.1	106.9	8.8
04/16/2025 02:00:00 PM	96.9	8.0	107.0	8.8
04/16/2025 03:00:00 PM	96.1	7.9	102.8	8.5
04/16/2025 04:00:00 PM	97.7	8.1	114.4	9.5
04/16/2025 05:00:00 PM	99.2	8.2	118.0	9.7
04/16/2025 06:00:00 PM	93.1	7.7	106.9	8.8
04/16/2025 07:00:00 PM	95.5	7.9	107.0	8.8
04/16/2025 08:00:00 PM	93.9	7.8	105.1	8.7
04/16/2025 09:00:00 PM	94.5	7.8	106.3	8.8
04/16/2025 10:00:00 PM	95.8	7.9	105.3	8.7
04/16/2025 11:00:00 PM	93.2	7.7	102.1	8.4
04/17/2025 12:00:00 AM	92.0	7.6	106.3	8.8
04/17/2025 01:00:00 AM	92.1	7.6	105.8	8.7
04/17/2025 02:00:00 AM	91.7	7.6	105.4	8.7
04/17/2025 03:00:00 AM	91.7	7.6	101.2	8.4
04/17/2025 04:00:00 AM	93.7	7.7	104.1	8.6
04/17/2025 05:00:00 AM	97.9	8.1	105.9	8.8
04/17/2025 06:00:00 AM	110.7	9.1	117.9	9.7
04/17/2025 07:00:00 AM	108.2	8.9	118.2	9.8
04/17/2025 08:00:00 AM	106.7	8.8	112.2	9.3
04/17/2025 09:00:00 AM	113.7	9.4	121.3	10.0
04/17/2025 10:00:00 AM	109.8	9.1	115.8	9.6
04/17/2025 11:00:00 AM	109.7	9.1	119.3	9.9
04/17/2025 12:00:00 PM	110.0	9.1	123.9	10.2
04/17/2025 01:00:00 PM	111.9	9.3	124.4	10.3
04/17/2025 02:00:00 PM	112.6	9.3	124.4	10.3
04/17/2025 03:00:00 PM	112.4	9.3	121.1	10.0
04/17/2025 04:00:00 PM	108.8	9.0	115.4	9.5
04/17/2025 05:00:00 PM	108.9	9.0	116.2	9.6
04/17/2025 06:00:00 PM	106.5	8.8	115.6	9.6
04/17/2025 07:00:00 PM	104.4	8.6	115.4	9.5
04/17/2025 08:00:00 PM	105.7	8.7	111.4	9.2
04/17/2025 09:00:00 PM	101.6	8.4	114.4	9.5
04/17/2025 10:00:00 PM	101.4	8.4	112.4	9.3
04/17/2025 11:00:00 PM	101.6	8.4	115.3	9.5
04/18/2025 12:00:00 AM	104.4	8.6	114.4	9.5
04/18/2025 01:00:00 AM	104.4	8.6	114.6	9.5
04/18/2025 02:00:00 AM	104.1	8.6	114.5	9.5
04/18/2025 03:00:00 AM	104.6	8.6	109.5	9.0
04/18/2025 04:00:00 AM	106.2	8.8	109.5	9.0
04/18/2025 05:00:00 AM	104.3	8.6	113.0	9.3
04/18/2025 06:00:00 AM	110.7	9.2	117.5	9.7
04/18/2025 07:00:00 AM	111.4	9.2	121.4	10.0
04/18/2025 08:00:00 AM	112.6	9.3	122.0	10.1
04/18/2025 09:00:00 AM	112.3	9.3	122.9	10.2
04/18/2025 10:00:00 AM	112.0	9.3	122.2	10.1
04/18/2025 11:00:00 AM	114.9	9.5	126.8	10.5



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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
04/18/2025 12:00:00 PM	111.2	9.2	129.7	10.7
04/18/2025 01:00:00 PM	112.9	9.3	133.6	11.0
04/18/2025 02:00:00 PM	106.7	8.8	127.7	10.6
04/18/2025 03:00:00 PM	109.7	9.1	132.2	10.9
04/18/2025 04:00:00 PM	108.8	9.0	131.2	10.8
04/18/2025 05:00:00 PM	110.3	9.1	127.2	10.5
04/18/2025 06:00:00 PM	103.3	8.5	117.8	9.7
04/18/2025 07:00:00 PM	103.6	8.6	109.5	9.0
04/18/2025 08:00:00 PM	102.3	8.5	110.9	9.2
04/18/2025 09:00:00 PM	98.8	8.2	111.4	9.2
04/18/2025 10:00:00 PM	100.7	8.3	108.2	8.9
04/18/2025 11:00:00 PM	103.3	8.5	112.9	9.3
04/19/2025 12:00:00 AM	101.6	8.4	111.0	9.2
04/19/2025 01:00:00 AM	104.2	8.6	111.4	9.2
04/19/2025 02:00:00 AM	103.4	8.5	114.7	9.5
04/19/2025 03:00:00 AM	101.3	8.4	111.1	9.2
04/19/2025 04:00:00 AM	106.1	8.8	114.1	9.4
04/19/2025 05:00:00 AM	103.0	8.5	110.7	9.1
04/19/2025 06:00:00 AM	107.2	8.9	116.1	9.6
04/19/2025 07:00:00 AM	110.3	9.1	118.7	9.8
04/19/2025 08:00:00 AM	105.8	8.7	114.6	9.5
04/19/2025 09:00:00 AM	106.6	8.8	112.0	9.3
04/19/2025 10:00:00 AM	104.0	8.6	103.6	8.6
04/19/2025 11:00:00 AM	102.0	8.4	99.2	8.2
04/19/2025 12:00:00 PM	98.1	8.1	97.5	8.1
04/19/2025 01:00:00 PM	94.1	7.8	99.9	8.3
04/19/2025 02:00:00 PM	94.1	7.8	104.1	8.6
04/19/2025 03:00:00 PM	98.1	8.1	107.4	8.9
04/19/2025 04:00:00 PM	99.3	8.2	115.3	9.5
04/19/2025 05:00:00 PM	99.2	8.2	113.0	9.3
04/19/2025 06:00:00 PM	98.9	8.2	109.9	9.1
04/19/2025 07:00:00 PM	98.1	8.1	105.8	8.7
04/19/2025 08:00:00 PM	92.2	7.6	96.1	7.9
04/19/2025 09:00:00 PM	90.8	7.5	103.6	8.6
04/19/2025 10:00:00 PM	90.9	7.5	106.6	8.8
04/19/2025 11:00:00 PM	75.2	6.2	88.1	7.3
04/20/2025 12:00:00 AM	99.1	8.2	109.8	9.1
04/20/2025 01:00:00 AM	89.0	7.4	99.2	8.2
04/20/2025 02:00:00 AM	87.8	7.3	97.1	8.0
04/20/2025 03:00:00 AM	89.9	7.4	98.5	8.1
04/20/2025 04:00:00 AM	90.8	7.5	98.4	8.1
04/20/2025 05:00:00 AM	89.3	7.4	98.4	8.1
04/20/2025 06:00:00 AM	90.1	7.4	98.7	8.2
04/20/2025 07:00:00 AM	90.4	7.5	98.6	8.2
04/20/2025 08:00:00 AM	87.8	7.3	98.1	8.1
04/20/2025 09:00:00 AM	87.3	7.2	97.0	8.0
04/20/2025 10:00:00 AM	88.4	7.3	102.0	8.4
04/20/2025 11:00:00 AM	86.5	7.1	100.1	8.3
04/20/2025 12:00:00 PM	84.0	6.9	98.7	8.2
04/20/2025 01:00:00 PM	84.6	7.0	99.4	8.2
04/20/2025 02:00:00 PM	85.8	7.1	95.3	7.9
04/20/2025 03:00:00 PM	85.6	7.1	96.9	8.0
04/20/2025 04:00:00 PM	87.7	7.2	102.7	8.5
04/20/2025 05:00:00 PM	85.1	7.0	103.0	8.5



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Main River Section - Hourly Flow Averages

Start	04/14/2025 12:00:00 AM
End	04/21/2025 12:00:00 AM

Report Generated 04/21/2025 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
04/20/2025 06:00:00 PM	80.8	6.7	95.4	7.9
04/20/2025 07:00:00 PM	83.8	6.9	93.6	7.7
04/20/2025 08:00:00 PM	85.9	7.1	93.5	7.7
04/20/2025 09:00:00 PM	84.3	7.0	93.6	7.7
04/20/2025 10:00:00 PM	84.7	7.0	95.1	7.9
04/20/2025 11:00:00 PM	82.5	6.8	94.6	7.8
Average Flow:	74.83	958.59	82.03	1,105.03
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.