



Patterson Irrigation District

Main River Section - Hourly Flow Averages

Start	04/08/2024 12:00:00 AM
End	04/15/2024 12:00:00 AM

Report Generated 04/15/2024 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
04/08/2024 12:00:00 AM	32.1	2.7	45.3	3.7
04/08/2024 01:00:00 AM	29.7	2.5	53.9	4.5
04/08/2024 02:00:00 AM	32.0	2.6	54.0	4.5
04/08/2024 03:00:00 AM	33.1	2.7	52.6	4.3
04/08/2024 04:00:00 AM	32.6	2.7	52.6	4.3
04/08/2024 05:00:00 AM	30.0	2.5	54.9	4.5
04/08/2024 06:00:00 AM	30.6	2.5	50.7	4.2
04/08/2024 07:00:00 AM	27.4	2.3	55.7	4.6
04/08/2024 08:00:00 AM	27.7	2.3	56.4	4.7
04/08/2024 09:00:00 AM	27.8	2.3	57.9	4.8
04/08/2024 10:00:00 AM	28.0	2.3	55.7	4.6
04/08/2024 11:00:00 AM	30.0	2.5	56.8	4.7
04/08/2024 12:00:00 PM	30.5	2.5	60.4	5.0
04/08/2024 01:00:00 PM	29.5	2.4	56.9	4.7
04/08/2024 02:00:00 PM	31.0	2.6	55.2	4.6
04/08/2024 03:00:00 PM	40.9	3.4	63.2	5.2
04/08/2024 04:00:00 PM	46.6	3.9	69.3	5.7
04/08/2024 05:00:00 PM	39.4	3.3	64.0	5.3
04/08/2024 06:00:00 PM	36.8	3.0	57.5	4.8
04/08/2024 07:00:00 PM	44.5	3.7	56.6	4.7
04/08/2024 08:00:00 PM	41.2	3.4	52.9	4.4
04/08/2024 09:00:00 PM	38.2	3.2	52.2	4.3
04/08/2024 10:00:00 PM	38.1	3.1	56.7	4.7
04/08/2024 11:00:00 PM	39.6	3.3	54.3	4.5
04/09/2024 12:00:00 AM	38.8	3.2	51.4	4.3
04/09/2024 01:00:00 AM	39.1	3.2	55.1	4.6
04/09/2024 02:00:00 AM	38.5	3.2	54.7	4.5
04/09/2024 03:00:00 AM	35.8	3.0	48.2	4.0
04/09/2024 04:00:00 AM	36.8	3.0	51.3	4.2
04/09/2024 05:00:00 AM	39.7	3.3	54.0	4.5
04/09/2024 06:00:00 AM	41.9	3.5	51.5	4.3
04/09/2024 07:00:00 AM	46.0	3.8	57.6	4.8
04/09/2024 08:00:00 AM	58.4	4.8	70.4	5.8
04/09/2024 09:00:00 AM	73.2	6.0	88.0	7.3
04/09/2024 10:00:00 AM	51.4	4.3	62.1	5.1
04/09/2024 11:00:00 AM	46.2	3.8	62.7	5.2
04/09/2024 12:00:00 PM	52.5	4.3	67.8	5.6
04/09/2024 01:00:00 PM	76.1	6.3	95.9	7.9
04/09/2024 02:00:00 PM	81.5	6.7	96.4	8.0
04/09/2024 03:00:00 PM	49.3	4.1	67.4	5.6
04/09/2024 04:00:00 PM	65.5	5.4	85.8	7.1
04/09/2024 05:00:00 PM	67.1	5.5	86.8	7.2
04/09/2024 06:00:00 PM	54.7	4.5	69.0	5.7
04/09/2024 07:00:00 PM	65.1	5.4	82.5	6.8
04/09/2024 08:00:00 PM	63.2	5.2	77.6	6.4
04/09/2024 09:00:00 PM	58.7	4.8	72.2	6.0
04/09/2024 10:00:00 PM	64.9	5.4	79.0	6.5
04/09/2024 11:00:00 PM	63.9	5.3	78.6	6.5
04/10/2024 12:00:00 AM	60.3	5.0	74.9	6.2
04/10/2024 01:00:00 AM	63.0	5.2	77.3	6.4
04/10/2024 02:00:00 AM	61.8	5.1	77.2	6.4
04/10/2024 03:00:00 AM	60.9	5.0	76.8	6.3
04/10/2024 04:00:00 AM	61.7	5.1	77.1	6.4
04/10/2024 05:00:00 AM	60.7	5.0	76.9	6.4



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Start	04/08/2024 12:00:00 AM
End	04/15/2024 12:00:00 AM

Report Generated 04/15/2024 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
04/10/2024 06:00:00 AM	59.9	4.9	77.2	6.4
04/10/2024 07:00:00 AM	65.2	5.4	82.5	6.8
04/10/2024 08:00:00 AM	71.9	5.9	87.2	7.2
04/10/2024 09:00:00 AM	74.7	6.2	92.6	7.7
04/10/2024 10:00:00 AM	87.1	7.2	99.2	8.2
04/10/2024 11:00:00 AM	77.0	6.4	90.7	7.5
04/10/2024 12:00:00 PM	80.0	6.6	92.3	7.6
04/10/2024 01:00:00 PM	80.6	6.7	100.9	8.3
04/10/2024 02:00:00 PM	79.4	6.6	97.8	8.1
04/10/2024 03:00:00 PM	80.0	6.6	98.3	8.1
04/10/2024 04:00:00 PM	82.6	6.8	101.6	8.4
04/10/2024 05:00:00 PM	78.7	6.5	98.1	8.1
04/10/2024 06:00:00 PM	74.1	6.1	93.9	7.8
04/10/2024 07:00:00 PM	77.2	6.4	96.8	8.0
04/10/2024 08:00:00 PM	82.8	6.8	94.0	7.8
04/10/2024 09:00:00 PM	83.6	6.9	91.3	7.5
04/10/2024 10:00:00 PM	78.9	6.5	97.0	8.0
04/10/2024 11:00:00 PM	76.3	6.3	96.9	8.0
04/11/2024 12:00:00 AM	79.5	6.6	97.4	8.0
04/11/2024 01:00:00 AM	74.7	6.2	97.6	8.1
04/11/2024 02:00:00 AM	75.4	6.2	94.1	7.8
04/11/2024 03:00:00 AM	74.7	6.2	92.9	7.7
04/11/2024 04:00:00 AM	77.0	6.4	93.6	7.7
04/11/2024 05:00:00 AM	79.3	6.5	94.6	7.8
04/11/2024 06:00:00 AM	80.0	6.6	96.4	8.0
04/11/2024 07:00:00 AM	80.1	6.6	99.6	8.2
04/11/2024 08:00:00 AM	84.1	7.0	95.1	7.9
04/11/2024 09:00:00 AM	83.7	6.9	99.5	8.2
04/11/2024 10:00:00 AM	78.7	6.5	99.7	8.2
04/11/2024 11:00:00 AM	77.0	6.4	93.8	7.8
04/11/2024 12:00:00 PM	80.0	6.6	98.4	8.1
04/11/2024 01:00:00 PM	81.1	6.7	98.7	8.2
04/11/2024 02:00:00 PM	83.8	6.9	98.6	8.1
04/11/2024 03:00:00 PM	86.4	7.1	97.5	8.1
04/11/2024 04:00:00 PM	82.6	6.8	96.7	8.0
04/11/2024 05:00:00 PM	82.5	6.8	98.0	8.1
04/11/2024 06:00:00 PM	81.6	6.7	97.1	8.0
04/11/2024 07:00:00 PM	81.4	6.7	96.0	7.9
04/11/2024 08:00:00 PM	84.3	7.0	94.7	7.8
04/11/2024 09:00:00 PM	84.1	7.0	98.3	8.1
04/11/2024 10:00:00 PM	83.1	6.9	96.1	7.9
04/11/2024 11:00:00 PM	81.9	6.8	96.6	8.0
04/12/2024 12:00:00 AM	83.9	6.9	97.8	8.1
04/12/2024 01:00:00 AM	81.1	6.7	97.2	8.0
04/12/2024 02:00:00 AM	79.2	6.5	92.4	7.6
04/12/2024 03:00:00 AM	81.6	6.7	97.0	8.0
04/12/2024 04:00:00 AM	79.6	6.6	96.8	8.0
04/12/2024 05:00:00 AM	77.8	6.4	94.8	7.8
04/12/2024 06:00:00 AM	74.5	6.2	96.3	8.0
04/12/2024 07:00:00 AM	78.0	6.4	97.3	8.0
04/12/2024 08:00:00 AM	81.9	6.8	98.0	8.1
04/12/2024 09:00:00 AM	78.9	6.5	93.4	7.7
04/12/2024 10:00:00 AM	74.3	6.1	90.7	7.5
04/12/2024 11:00:00 AM	77.9	6.4	94.7	7.8



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Main River Section - Hourly Flow Averages

Start	04/08/2024 12:00:00 AM
End	04/15/2024 12:00:00 AM

Report Generated 04/15/2024 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
04/12/2024 12:00:00 PM	72.8	6.0	84.6	7.0
04/12/2024 01:00:00 PM	65.7	5.4	59.6	4.9
04/12/2024 02:00:00 PM	52.3	4.3	44.8	3.7
04/12/2024 03:00:00 PM	32.7	2.7	28.8	2.4
04/12/2024 04:00:00 PM	23.9	2.0	21.9	1.8
04/12/2024 05:00:00 PM	23.3	1.9	20.6	1.7
04/12/2024 06:00:00 PM	38.4	3.2	36.6	3.0
04/12/2024 07:00:00 PM	42.5	3.5	51.7	4.3
04/12/2024 08:00:00 PM	30.4	2.5	32.9	2.7
04/12/2024 09:00:00 PM	30.0	2.5	18.8	1.6
04/12/2024 10:00:00 PM	29.9	2.5	19.0	1.6
04/12/2024 11:00:00 PM	32.4	2.7	31.5	2.6
04/13/2024 12:00:00 AM	32.3	2.7	39.9	3.3
04/13/2024 01:00:00 AM	37.2	3.1	43.0	3.6
04/13/2024 02:00:00 AM	37.6	3.1	46.5	3.8
04/13/2024 03:00:00 AM	39.1	3.2	43.9	3.6
04/13/2024 04:00:00 AM	43.1	3.6	49.6	4.1
04/13/2024 05:00:00 AM	42.2	3.5	30.0	2.5
04/13/2024 06:00:00 AM	41.8	3.5	31.8	2.6
04/13/2024 07:00:00 AM	40.0	3.3	41.0	3.4
04/13/2024 08:00:00 AM	35.0	2.9	50.5	4.2
04/13/2024 09:00:00 AM	31.5	2.6	55.2	4.6
04/13/2024 10:00:00 AM	24.5	2.0	49.3	4.1
04/13/2024 11:00:00 AM	21.7	1.8	43.8	3.6
04/13/2024 12:00:00 PM	16.9	1.4	39.1	3.2
04/13/2024 01:00:00 PM	28.6	2.4	51.6	4.3
04/13/2024 02:00:00 PM	34.5	2.9	55.5	4.6
04/13/2024 03:00:00 PM	36.7	3.0	56.2	4.6
04/13/2024 04:00:00 PM	34.8	2.9	56.8	4.7
04/13/2024 05:00:00 PM	36.7	3.0	55.0	4.5
04/13/2024 06:00:00 PM	34.0	2.8	53.3	4.4
04/13/2024 07:00:00 PM	36.0	3.0	41.8	3.5
04/13/2024 08:00:00 PM	36.3	3.0	25.8	2.1
04/13/2024 09:00:00 PM	36.0	3.0	27.0	2.2
04/13/2024 10:00:00 PM	35.6	2.9	25.7	2.1
04/13/2024 11:00:00 PM	29.2	2.4	38.0	3.1
04/14/2024 12:00:00 AM	39.3	3.2	48.4	4.0
04/14/2024 01:00:00 AM	37.9	3.1	50.3	4.2
04/14/2024 02:00:00 AM	23.9	2.0	45.6	3.8
04/14/2024 03:00:00 AM	20.8	1.7	40.7	3.4
04/14/2024 04:00:00 AM	18.4	1.5	37.0	3.1
04/14/2024 05:00:00 AM	18.7	1.5	33.3	2.8
04/14/2024 06:00:00 AM	19.5	1.6	24.6	2.0
04/14/2024 07:00:00 AM	20.2	1.7	23.1	1.9
04/14/2024 08:00:00 AM	74.5	6.2	97.6	8.1
04/14/2024 09:00:00 AM	34.1	2.8	19.3	1.6
04/14/2024 10:00:00 AM	37.9	3.1	26.1	2.2
04/14/2024 11:00:00 AM	37.3	3.1	24.9	2.1
04/14/2024 12:00:00 PM	35.6	2.9	27.6	2.3
04/14/2024 01:00:00 PM	33.2	2.7	29.8	2.5
04/14/2024 02:00:00 PM	37.1	3.1	30.5	2.5
04/14/2024 03:00:00 PM	37.5	3.1	35.1	2.9
04/14/2024 04:00:00 PM	29.1	2.4	38.3	3.2
04/14/2024 05:00:00 PM	29.7	2.5	45.4	3.8



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Main River Section - Hourly Flow Averages

Start	04/08/2024 12:00:00 AM
End	04/15/2024 12:00:00 AM

Report Generated 04/15/2024 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
04/14/2024 06:00:00 PM	31.6	2.6	46.7	3.9
04/14/2024 07:00:00 PM	32.0	2.6	42.4	3.5
04/14/2024 08:00:00 PM	34.1	2.8	42.3	3.5
04/14/2024 09:00:00 PM	33.3	2.8	41.8	3.5
04/14/2024 10:00:00 PM	34.5	2.9	41.0	3.4
04/14/2024 11:00:00 PM	33.1	2.7	41.8	3.5
Average Flow:	52.67	731.25	65.85	914.24
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.