



Patterson Irrigation District

Main River Section - Hourly Flow Averages

Start	04/10/2023 12:00:00 AM
End	04/17/2023 12:00:00 AM

Report Generated 04/17/2023 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
04/10/2023 12:00:00 AM	0.3	0.0	0	-
04/10/2023 01:00:00 AM	2.1	0.2	0.0	0.0
04/10/2023 02:00:00 AM	1.2	0.1	8.5	0.7
04/10/2023 03:00:00 AM	0.3	0.0	1.4	0.1
04/10/2023 04:00:00 AM	-1.0	-0.1	0	-
04/10/2023 05:00:00 AM	-2.6	-0.2	0	-
04/10/2023 06:00:00 AM	12.6	1.0	15.9	1.3
04/10/2023 07:00:00 AM	10.1	0.8	18.7	1.5
04/10/2023 08:00:00 AM	13.7	1.1	29.5	2.4
04/10/2023 09:00:00 AM	22.1	1.8	44.7	3.7
04/10/2023 10:00:00 AM	7.8	0.6	38.7	3.2
04/10/2023 11:00:00 AM	3.3	0.3	30.1	2.5
04/10/2023 12:00:00 PM	16.1	1.3	31.3	2.6
04/10/2023 01:00:00 PM	22.2	1.8	31.4	2.6
04/10/2023 02:00:00 PM	25.1	2.1	33.4	2.8
04/10/2023 03:00:00 PM	20.7	1.7	43.8	3.6
04/10/2023 04:00:00 PM	20.6	1.7	48.7	4.0
04/10/2023 05:00:00 PM	18.4	1.5	37.2	3.1
04/10/2023 06:00:00 PM	23.6	2.0	39.5	3.3
04/10/2023 07:00:00 PM	22.8	1.9	44.3	3.7
04/10/2023 08:00:00 PM	27.6	2.3	42.5	3.5
04/10/2023 09:00:00 PM	26.9	2.2	44.8	3.7
04/10/2023 10:00:00 PM	27.0	2.2	56.0	4.6
04/10/2023 11:00:00 PM	24.6	2.0	54.1	4.5
04/11/2023 12:00:00 AM	23.3	1.9	47.8	3.9
04/11/2023 01:00:00 AM	21.4	1.8	54.0	4.5
04/11/2023 02:00:00 AM	14.8	1.2	52.5	4.3
04/11/2023 03:00:00 AM	19.4	1.6	49.0	4.0
04/11/2023 04:00:00 AM	21.0	1.7	36.9	3.0
04/11/2023 05:00:00 AM	13.5	1.1	23.5	1.9
04/11/2023 06:00:00 AM	7.9	0.6	7.7	0.6
04/11/2023 07:00:00 AM	17.4	1.4	18.0	1.5
04/11/2023 08:00:00 AM	16.9	1.4	28.5	2.4
04/11/2023 09:00:00 AM	28.6	2.4	48.4	4.0
04/11/2023 10:00:00 AM	12.7	1.0	36.1	3.0
04/11/2023 11:00:00 AM	9.8	0.8	33.9	2.8
04/11/2023 12:00:00 PM	10.4	0.9	32.9	2.7
04/11/2023 01:00:00 PM	10.0	0.8	32.3	2.7
04/11/2023 02:00:00 PM	13.8	1.1	32.1	2.7
04/11/2023 03:00:00 PM	36.2	3.0	44.4	3.7
04/11/2023 04:00:00 PM	37.6	3.1	50.5	4.2
04/11/2023 05:00:00 PM	30.5	2.5	47.7	3.9
04/11/2023 06:00:00 PM	28.1	2.3	48.5	4.0
04/11/2023 07:00:00 PM	20.2	1.7	46.5	3.8
04/11/2023 08:00:00 PM	19.2	1.6	41.9	3.5
04/11/2023 09:00:00 PM	18.7	1.5	39.6	3.3
04/11/2023 10:00:00 PM	20.1	1.7	45.0	3.7
04/11/2023 11:00:00 PM	19.5	1.6	41.4	3.4
04/12/2023 12:00:00 AM	22.6	1.9	36.6	3.0
04/12/2023 01:00:00 AM	18.9	1.6	36.5	3.0
04/12/2023 02:00:00 AM	14.9	1.2	36.2	3.0
04/12/2023 03:00:00 AM	16.3	1.3	17.8	1.5
04/12/2023 04:00:00 AM	15.1	1.2	18.8	1.6
04/12/2023 05:00:00 AM	16.3	1.3	31.7	2.6



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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
04/12/2023 06:00:00 AM	14.7	1.2	23.2	1.9
04/12/2023 07:00:00 AM	16.3	1.3	19.9	1.6
04/12/2023 08:00:00 AM	20.6	1.7	25.2	2.1
04/12/2023 09:00:00 AM	23.8	2.0	36.9	3.0
04/12/2023 10:00:00 AM	21.9	1.8	45.8	3.8
04/12/2023 11:00:00 AM	23.9	2.0	48.6	4.0
04/12/2023 12:00:00 PM	23.3	1.9	50.4	4.2
04/12/2023 01:00:00 PM	24.5	2.0	50.7	4.2
04/12/2023 02:00:00 PM	30.1	2.5	53.5	4.4
04/12/2023 03:00:00 PM	28.0	2.3	51.0	4.2
04/12/2023 04:00:00 PM	28.9	2.4	48.2	4.0
04/12/2023 05:00:00 PM	26.9	2.2	49.4	4.1
04/12/2023 06:00:00 PM	26.6	2.2	49.3	4.1
04/12/2023 07:00:00 PM	28.4	2.3	49.1	4.1
04/12/2023 08:00:00 PM	24.3	2.0	41.1	3.4
04/12/2023 09:00:00 PM	24.1	2.0	32.3	2.7
04/12/2023 10:00:00 PM	25.3	2.1	32.9	2.7
04/12/2023 11:00:00 PM	24.3	2.0	41.1	3.4
04/13/2023 12:00:00 AM	26.7	2.2	43.9	3.6
04/13/2023 01:00:00 AM	24.0	2.0	37.7	3.1
04/13/2023 02:00:00 AM	22.4	1.9	31.7	2.6
04/13/2023 03:00:00 AM	27.8	2.3	32.4	2.7
04/13/2023 04:00:00 AM	23.9	2.0	40.1	3.3
04/13/2023 05:00:00 AM	20.4	1.7	34.1	2.8
04/13/2023 06:00:00 AM	18.4	1.5	27.7	2.3
04/13/2023 07:00:00 AM	26.7	2.2	29.7	2.5
04/13/2023 08:00:00 AM	22.0	1.8	41.1	3.4
04/13/2023 09:00:00 AM	24.9	2.1	47.4	3.9
04/13/2023 10:00:00 AM	28.2	2.3	52.6	4.3
04/13/2023 11:00:00 AM	28.1	2.3	58.5	4.8
04/13/2023 12:00:00 PM	26.1	2.2	61.8	5.1
04/13/2023 01:00:00 PM	21.8	1.8	57.0	4.7
04/13/2023 02:00:00 PM	21.4	1.8	53.8	4.4
04/13/2023 03:00:00 PM	25.8	2.1	49.1	4.1
04/13/2023 04:00:00 PM	29.4	2.4	51.8	4.3
04/13/2023 05:00:00 PM	32.9	2.7	53.5	4.4
04/13/2023 06:00:00 PM	31.3	2.6	52.4	4.3
04/13/2023 07:00:00 PM	29.0	2.4	42.9	3.5
04/13/2023 08:00:00 PM	27.4	2.3	35.2	2.9
04/13/2023 09:00:00 PM	26.4	2.2	36.9	3.0
04/13/2023 10:00:00 PM	22.5	1.9	36.2	3.0
04/13/2023 11:00:00 PM	23.6	2.0	34.3	2.8
04/14/2023 12:00:00 AM	18.5	1.5	38.0	3.1
04/14/2023 01:00:00 AM	18.4	1.5	37.6	3.1
04/14/2023 02:00:00 AM	16.2	1.3	34.4	2.8
04/14/2023 03:00:00 AM	23.7	2.0	35.5	2.9
04/14/2023 04:00:00 AM	22.7	1.9	39.0	3.2
04/14/2023 05:00:00 AM	20.9	1.7	36.6	3.0
04/14/2023 06:00:00 AM	26.0	2.1	38.3	3.2
04/14/2023 07:00:00 AM	26.1	2.2	40.5	3.3
04/14/2023 08:00:00 AM	19.9	1.6	42.2	3.5
04/14/2023 09:00:00 AM	21.9	1.8	38.9	3.2
04/14/2023 10:00:00 AM	25.9	2.1	44.9	3.7
04/14/2023 11:00:00 AM	18.3	1.5	45.8	3.8



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PP1 Weekly Report - Hourly Average Flow (CFS)

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04/14/2023 12:00:00 PM	23.4	1.9	49.2	4.1
04/14/2023 01:00:00 PM	19.3	1.6	48.2	4.0
04/14/2023 02:00:00 PM	16.7	1.4	49.4	4.1
04/14/2023 03:00:00 PM	20.1	1.7	49.1	4.1
04/14/2023 04:00:00 PM	15.2	1.3	41.5	3.4
04/14/2023 05:00:00 PM	26.0	2.1	50.2	4.1
04/14/2023 06:00:00 PM	18.4	1.5	47.3	3.9
04/14/2023 07:00:00 PM	14.0	1.2	45.4	3.8
04/14/2023 08:00:00 PM	21.8	1.8	51.6	4.3
04/14/2023 09:00:00 PM	20.8	1.7	47.5	3.9
04/14/2023 10:00:00 PM	17.5	1.5	43.4	3.6
04/14/2023 11:00:00 PM	13.9	1.1	36.5	3.0
04/15/2023 12:00:00 AM	11.5	1.0	33.7	2.8
04/15/2023 01:00:00 AM	12.8	1.1	35.2	2.9
04/15/2023 02:00:00 AM	12.5	1.0	42.0	3.5
04/15/2023 03:00:00 AM	14.0	1.2	35.5	2.9
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04/16/2023 12:00:00 AM	18.6	1.5	39.7	3.3
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04/16/2023 03:00:00 AM	23.7	2.0	53.0	4.4
04/16/2023 04:00:00 AM	18.5	1.5	42.1	3.5
04/16/2023 05:00:00 AM	20.2	1.7	46.0	3.8
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04/16/2023 09:00:00 AM	14.8	1.2	48.3	4.0
04/16/2023 10:00:00 AM	11.1	0.9	46.9	3.9
04/16/2023 11:00:00 AM	17.5	1.4	47.7	3.9
04/16/2023 12:00:00 PM	20.9	1.7	49.8	4.1
04/16/2023 01:00:00 PM	11.3	0.9	44.7	3.7
04/16/2023 02:00:00 PM	11.7	1.0	44.9	3.7
04/16/2023 03:00:00 PM	25.3	2.1	49.2	4.1
04/16/2023 04:00:00 PM	23.7	2.0	51.3	4.2
04/16/2023 05:00:00 PM	21.7	1.8	49.3	4.1



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PP1 Weekly Report - Hourly Average Flow (CFS)

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04/16/2023 06:00:00 PM	19.2	1.6	46.5	3.8
04/16/2023 07:00:00 PM	16.7	1.4	42.3	3.5
04/16/2023 08:00:00 PM	22.4	1.8	44.9	3.7
04/16/2023 09:00:00 PM	22.5	1.9	44.7	3.7
04/16/2023 10:00:00 PM	23.7	2.0	43.5	3.6
04/16/2023 11:00:00 PM	25.6	2.1	39.8	3.3
Average Flow:	19.37	268.91	40.30	549.61
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.