



Patterson Irrigation District

Main River Section - Hourly Flow Averages

Start	01/23/2023 12:00:00 AM
End	01/30/2023 12:00:00 AM

Report Generated 01/30/2023 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
01/23/2023 12:00:00 AM	1.9	0.2	0	-
01/23/2023 01:00:00 AM	-0.6	-0.0	0	-
01/23/2023 02:00:00 AM	1.9	0.2	0	-
01/23/2023 03:00:00 AM	-1.2	-0.1	0	-
01/23/2023 04:00:00 AM	-2.8	-0.2	0	-
01/23/2023 05:00:00 AM	-1.8	-0.1	0	-
01/23/2023 06:00:00 AM	-1.3	-0.1	0	-
01/23/2023 07:00:00 AM	0.7	0.1	0	-
01/23/2023 08:00:00 AM	-1.5	-0.1	0	-
01/23/2023 09:00:00 AM	-1.9	-0.2	0	-
01/23/2023 10:00:00 AM	1.4	0.1	617,018.6	50,993.3
01/23/2023 11:00:00 AM	0.2	0.0	0	-
01/23/2023 12:00:00 PM	-0.5	-0.0	0	-
01/23/2023 01:00:00 PM	0.5	0.0	0	-
01/23/2023 02:00:00 PM	-0.8	-0.1	0	-
01/23/2023 03:00:00 PM	2.1	0.2	0	-
01/23/2023 04:00:00 PM	-0.9	-0.1	0	-
01/23/2023 05:00:00 PM	2.5	0.2	908,032.2	75,044.0
01/23/2023 06:00:00 PM	-0.5	-0.0	0	-
01/23/2023 07:00:00 PM	0.7	0.1	0	-
01/23/2023 08:00:00 PM	4.1	0.3	0	-
01/23/2023 09:00:00 PM	0.6	0.0	0	-
01/23/2023 10:00:00 PM	6.0	0.5	0	-
01/23/2023 11:00:00 PM	2.0	0.2	0	-
01/24/2023 12:00:00 AM	3.6	0.3	0	-
01/24/2023 01:00:00 AM	4.4	0.4	0	-
01/24/2023 02:00:00 AM	-2.5	-0.2	0	-
01/24/2023 03:00:00 AM	-1.6	-0.1	0	-
01/24/2023 04:00:00 AM	-0.0	-0.0	0	-
01/24/2023 05:00:00 AM	1.2	0.1	0	-
01/24/2023 06:00:00 AM	-1.6	-0.1	0	-
01/24/2023 07:00:00 AM	0.7	0.1	0	-
01/24/2023 08:00:00 AM	3.4	0.3	1,000,000.0	82,644.6
01/24/2023 09:00:00 AM	-1.2	-0.1	1,000,000.0	82,644.6
01/24/2023 10:00:00 AM	-1.6	-0.1	1,000,000.0	82,644.6
01/24/2023 11:00:00 AM	3.5	0.3	0	-
01/24/2023 12:00:00 PM	-2.4	-0.2	0	-
01/24/2023 01:00:00 PM	4.3	0.4	0	-
01/24/2023 02:00:00 PM	-3.6	-0.3	0	-
01/24/2023 03:00:00 PM	5.8	0.5	0	-
01/24/2023 04:00:00 PM	5.4	0.5	0	-
01/24/2023 05:00:00 PM	0.1	0.0	1,000,000.0	82,644.6
01/24/2023 06:00:00 PM	2.8	0.2	0	-
01/24/2023 07:00:00 PM	1.4	0.1	0	-
01/24/2023 08:00:00 PM	-2.0	-0.2	0	-
01/24/2023 09:00:00 PM	-1.3	-0.1	0	-
01/24/2023 10:00:00 PM	2.8	0.2	0	-
01/24/2023 11:00:00 PM	-0.2	-0.0	0	-
01/25/2023 12:00:00 AM	1.6	0.1	0	-
01/25/2023 01:00:00 AM	-0.7	-0.1	0	-
01/25/2023 02:00:00 AM	2.2	0.2	0	-
01/25/2023 03:00:00 AM	-2.7	-0.2	0	-
01/25/2023 04:00:00 AM	2.9	0.2	0	-
01/25/2023 05:00:00 AM	-0.1	-0.0	0	-



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Main River Section - Hourly Flow Averages

Start	01/23/2023 12:00:00 AM
End	01/30/2023 12:00:00 AM

Report Generated 01/30/2023 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
01/25/2023 06:00:00 AM	2.1	0.2	0	-
01/25/2023 07:00:00 AM	9.0	0.7	0	-
01/25/2023 08:00:00 AM	7.8	0.6	1,000,000.0	82,644.6
01/25/2023 09:00:00 AM	3.5	0.3	0	-
01/25/2023 10:00:00 AM	1.0	0.1	1,000,000.0	82,644.6
01/25/2023 11:00:00 AM	0.1	0.0	31,278.3	2,585.0
01/25/2023 12:00:00 PM	-2.0	-0.2	20.8	1.7
01/25/2023 01:00:00 PM	-1.3	-0.1	0	-
01/25/2023 02:00:00 PM	0.6	0.1	21.2	1.7
01/25/2023 03:00:00 PM	2.9	0.2	20.5	1.7
01/25/2023 04:00:00 PM	-1.0	-0.1	16.8	1.4
01/25/2023 05:00:00 PM	-3.4	-0.3	7.9	0.7
01/25/2023 06:00:00 PM	-3.8	-0.3	0	-
01/25/2023 07:00:00 PM	-5.3	-0.4	0	-
01/25/2023 08:00:00 PM	-3.1	-0.3	0	-
01/25/2023 09:00:00 PM	4.9	0.4	1.1	0.1
01/25/2023 10:00:00 PM	0.1	0.0	3.3	0.3
01/25/2023 11:00:00 PM	-0.6	-0.0	0	-
01/26/2023 12:00:00 AM	6.8	0.6	0.3	0.0
01/26/2023 01:00:00 AM	5.0	0.4	8.9	0.7
01/26/2023 02:00:00 AM	-1.2	-0.1	0	-
01/26/2023 03:00:00 AM	-3.7	-0.3	0	-
01/26/2023 04:00:00 AM	0.8	0.1	0	-
01/26/2023 05:00:00 AM	3.0	0.2	0	-
01/26/2023 06:00:00 AM	-1.6	-0.1	0	-
01/26/2023 07:00:00 AM	5.4	0.4	0	-
01/26/2023 08:00:00 AM	5.1	0.4	12.3	1.0
01/26/2023 09:00:00 AM	1.8	0.1	7.7	0.6
01/26/2023 10:00:00 AM	-0.9	-0.1	14.7	1.2
01/26/2023 11:00:00 AM	0.4	0.0	13.8	1.1
01/26/2023 12:00:00 PM	4.4	0.4	15.2	1.3
01/26/2023 01:00:00 PM	1.6	0.1	11.9	1.0
01/26/2023 02:00:00 PM	-1.7	-0.1	15.3	1.3
01/26/2023 03:00:00 PM	0.4	0.0	14.3	1.2
01/26/2023 04:00:00 PM	-5.0	-0.4	11.6	1.0
01/26/2023 05:00:00 PM	-11.7	-1.0	0	-
01/26/2023 06:00:00 PM	-10.5	-0.9	0	-
01/26/2023 07:00:00 PM	-5.1	-0.4	0	-
01/26/2023 08:00:00 PM	0.2	0.0	3.2	0.3
01/26/2023 09:00:00 PM	-5.2	-0.4	0	-
01/26/2023 10:00:00 PM	3.2	0.3	0	-
01/26/2023 11:00:00 PM	0.8	0.1	3.8	0.3
01/27/2023 12:00:00 AM	-2.9	-0.2	0	-
01/27/2023 01:00:00 AM	-3.3	-0.3	0	-
01/27/2023 02:00:00 AM	-0.8	-0.1	0	-
01/27/2023 03:00:00 AM	-1.0	-0.1	0	-
01/27/2023 04:00:00 AM	3.6	0.3	0	-
01/27/2023 05:00:00 AM	7.8	0.6	3.5	0.3
01/27/2023 06:00:00 AM	-0.6	-0.0	15.1	1.2
01/27/2023 07:00:00 AM	-3.0	-0.2	8.2	0.7
01/27/2023 08:00:00 AM	-4.3	-0.4	8.5	0.7
01/27/2023 09:00:00 AM	-3.5	-0.3	13.9	1.1
01/27/2023 10:00:00 AM	-2.6	-0.2	8.2	0.7
01/27/2023 11:00:00 AM	-4.9	-0.4	0	-



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End	01/30/2023 12:00:00 AM

Report Generated 01/30/2023 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
01/27/2023 12:00:00 PM	-1.4	-0.1	7.8	0.6
01/27/2023 01:00:00 PM	1.1	0.1	8.6	0.7
01/27/2023 02:00:00 PM	-3.1	-0.3	5.7	0.5
01/27/2023 03:00:00 PM	-2.0	-0.2	6.1	0.5
01/27/2023 04:00:00 PM	2.0	0.2	0	-
01/27/2023 05:00:00 PM	1.1	0.1	0	-
01/27/2023 06:00:00 PM	4.7	0.4	3.6	0.3
01/27/2023 07:00:00 PM	3.6	0.3	0	-
01/27/2023 08:00:00 PM	1.7	0.1	1.0	0.1
01/27/2023 09:00:00 PM	1.6	0.1	3.3	0.3
01/27/2023 10:00:00 PM	3.6	0.3	4.9	0.4
01/27/2023 11:00:00 PM	2.6	0.2	14.8	1.2
01/28/2023 12:00:00 AM	3.5	0.3	13.5	1.1
01/28/2023 01:00:00 AM	1.3	0.1	15.9	1.3
01/28/2023 02:00:00 AM	0.9	0.1	12.1	1.0
01/28/2023 03:00:00 AM	-0.1	-0.0	9.8	0.8
01/28/2023 04:00:00 AM	6.2	0.5	16.6	1.4
01/28/2023 05:00:00 AM	4.3	0.4	17.2	1.4
01/28/2023 06:00:00 AM	-3.8	-0.3	15.4	1.3
01/28/2023 07:00:00 AM	9.1	0.8	9.0	0.7
01/28/2023 08:00:00 AM	-3.8	-0.3	1.4	0.1
01/28/2023 09:00:00 AM	-2.2	-0.2	13.9	1.1
01/28/2023 10:00:00 AM	1.3	0.1	12.6	1.0
01/28/2023 11:00:00 AM	-0.2	-0.0	14.9	1.2
01/28/2023 12:00:00 PM	0.9	0.1	17.9	1.5
01/28/2023 01:00:00 PM	1.2	0.1	15.4	1.3
01/28/2023 02:00:00 PM	0.2	0.0	13.6	1.1
01/28/2023 03:00:00 PM	-0.3	-0.0	13.4	1.1
01/28/2023 04:00:00 PM	1.8	0.1	15.4	1.3
01/28/2023 05:00:00 PM	-1.1	-0.1	2.8	0.2
01/28/2023 06:00:00 PM	-2.8	-0.2	0	-
01/28/2023 07:00:00 PM	1.5	0.1	0	-
01/28/2023 08:00:00 PM	0.4	0.0	0	-
01/28/2023 09:00:00 PM	3.9	0.3	0	-
01/28/2023 10:00:00 PM	-1.5	-0.1	3.6	0.3
01/28/2023 11:00:00 PM	-0.7	-0.1	0	-
01/29/2023 12:00:00 AM	2.2	0.2	0	-
01/29/2023 01:00:00 AM	0.0	0.0	0	-
01/29/2023 02:00:00 AM	-3.5	-0.3	0	-
01/29/2023 03:00:00 AM	0.7	0.1	0	-
01/29/2023 04:00:00 AM	-3.1	-0.3	0.4	0.0
01/29/2023 05:00:00 AM	-1.2	-0.1	3.5	0.3
01/29/2023 06:00:00 AM	-0.8	-0.1	0	-
01/29/2023 07:00:00 AM	5.1	0.4	2.7	0.2
01/29/2023 08:00:00 AM	2.4	0.2	10.0	0.8
01/29/2023 09:00:00 AM	0.3	0.0	3.2	0.3
01/29/2023 10:00:00 AM	-0.0	-0.0	10.9	0.9
01/29/2023 11:00:00 AM	4.4	0.4	12.6	1.0
01/29/2023 12:00:00 PM	-1.8	-0.2	15.8	1.3
01/29/2023 01:00:00 PM	-0.6	-0.0	14.9	1.2
01/29/2023 02:00:00 PM	1.0	0.1	18.2	1.5
01/29/2023 03:00:00 PM	1.7	0.1	19.8	1.6
01/29/2023 04:00:00 PM	-2.2	-0.2	19.9	1.6
01/29/2023 05:00:00 PM	-0.7	-0.1	19.6	1.6



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Main River Section - Hourly Flow Averages

Start	01/23/2023 12:00:00 AM
End	01/30/2023 12:00:00 AM

Report Generated 01/30/2023 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
01/29/2023 06:00:00 PM	-1.0	-0.1	17.4	1.4
01/29/2023 07:00:00 PM	-0.1	-0.0	14.0	1.2
01/29/2023 08:00:00 PM	-0.9	-0.1	14.6	1.2
01/29/2023 09:00:00 PM	-0.4	-0.0	18.1	1.5
01/29/2023 10:00:00 PM	3.5	0.3	14.2	1.2
01/29/2023 11:00:00 PM	2.5	0.2	16.3	1.3
Average Flow:	0.40	5.56	92,160.33	624,557.62
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.