



Patterson Irrigation District

Main River Section - Hourly Flow Averages

Start	01/16/2023 12:00:00 AM
End	01/23/2023 12:00:00 AM

Report Generated 01/23/2023 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
01/16/2023 12:00:00 AM	33.5	2.8	0	-
01/16/2023 01:00:00 AM	32.5	2.7	0	-
01/16/2023 02:00:00 AM	31.9	2.6	0	-
01/16/2023 03:00:00 AM	30.6	2.5	0	-
01/16/2023 04:00:00 AM	26.4	2.2	1,000,000.0	82,644.6
01/16/2023 05:00:00 AM	21.9	1.8	0	-
01/16/2023 06:00:00 AM	22.9	1.9	0	-
01/16/2023 07:00:00 AM	26.0	2.1	0	-
01/16/2023 08:00:00 AM	19.4	1.6	0	-
01/16/2023 09:00:00 AM	0.0	0.0	1,000,000.0	82,644.6
01/16/2023 10:00:00 AM	4.1	0.3	748,474.7	61,857.4
01/16/2023 11:00:00 AM	4.0	0.3	1,000,000.0	82,644.6
01/16/2023 12:00:00 PM	2.5	0.2	1,000,000.0	82,644.6
01/16/2023 01:00:00 PM	4.5	0.4	1,000,000.0	82,644.6
01/16/2023 02:00:00 PM	0.6	0.0	1,000,000.0	82,644.6
01/16/2023 03:00:00 PM	2.1	0.2	1,000,000.0	82,644.6
01/16/2023 04:00:00 PM	1.6	0.1	1,000,000.0	82,644.6
01/16/2023 05:00:00 PM	5.7	0.5	0	-
01/16/2023 06:00:00 PM	0.9	0.1	0	-
01/16/2023 07:00:00 PM	1.9	0.2	0	-
01/16/2023 08:00:00 PM	4.5	0.4	0	-
01/16/2023 09:00:00 PM	11.4	0.9	0	-
01/16/2023 10:00:00 PM	-1.3	-0.1	0	-
01/16/2023 11:00:00 PM	-4.1	-0.3	0	-
01/17/2023 12:00:00 AM	-0.0	-0.0	0	-
01/17/2023 01:00:00 AM	-0.0	-0.0	0	-
01/17/2023 02:00:00 AM	0.2	0.0	0	-
01/17/2023 03:00:00 AM	1.3	0.1	0	-
01/17/2023 04:00:00 AM	5.1	0.4	0	-
01/17/2023 05:00:00 AM	-1.4	-0.1	0	-
01/17/2023 06:00:00 AM	8.7	0.7	0	-
01/17/2023 07:00:00 AM	5.0	0.4	0	-
01/17/2023 08:00:00 AM	-0.5	-0.0	1,000,000.0	82,644.6
01/17/2023 09:00:00 AM	-9.3	-0.8	1,000,000.0	82,644.6
01/17/2023 10:00:00 AM	-5.6	-0.5	900,614.9	74,431.0
01/17/2023 11:00:00 AM	-1.0	-0.1	1,000,000.0	82,644.6
01/17/2023 12:00:00 PM	-2.9	-0.2	1,000,000.0	82,644.6
01/17/2023 01:00:00 PM	3.2	0.3	0	-
01/17/2023 02:00:00 PM	1.8	0.1	0	-
01/17/2023 03:00:00 PM	-2.3	-0.2	0	-
01/17/2023 04:00:00 PM	-2.6	-0.2	1,000,000.0	82,644.6
01/17/2023 05:00:00 PM	-4.8	-0.4	0	-
01/17/2023 06:00:00 PM	4.6	0.4	0	-
01/17/2023 07:00:00 PM	-8.4	-0.7	0	-
01/17/2023 08:00:00 PM	6.4	0.5	0	-
01/17/2023 09:00:00 PM	3.9	0.3	0	-
01/17/2023 10:00:00 PM	3.4	0.3	0	-
01/17/2023 11:00:00 PM	2.9	0.2	0	-
01/18/2023 12:00:00 AM	-2.6	-0.2	0	-
01/18/2023 01:00:00 AM	-1.0	-0.1	0	-
01/18/2023 02:00:00 AM	1.4	0.1	0	-
01/18/2023 03:00:00 AM	-1.4	-0.1	0	-
01/18/2023 04:00:00 AM	2.4	0.2	0	-
01/18/2023 05:00:00 AM	-3.7	-0.3	0	-



Patterson Irrigation District

Main River Section - Hourly Flow Averages

Start	01/16/2023 12:00:00 AM
End	01/23/2023 12:00:00 AM

Report Generated 01/23/2023 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
01/18/2023 06:00:00 AM	-1.9	-0.2	0	-
01/18/2023 07:00:00 AM	-0.6	-0.0	0	-
01/18/2023 08:00:00 AM	-4.1	-0.3	0	-
01/18/2023 09:00:00 AM	-0.4	-0.0	1,000,000.0	82,644.6
01/18/2023 10:00:00 AM	-1.4	-0.1	881,012.0	72,810.9
01/18/2023 11:00:00 AM	0.6	0.1	1,000,000.0	82,644.6
01/18/2023 12:00:00 PM	-2.9	-0.2	0	-
01/18/2023 01:00:00 PM	-0.2	-0.0	0	-
01/18/2023 02:00:00 PM	-0.1	-0.0	0	-
01/18/2023 03:00:00 PM	-0.0	-0.0	0	-
01/18/2023 04:00:00 PM	-2.9	-0.2	1,000,000.0	82,644.6
01/18/2023 05:00:00 PM	-2.2	-0.2	0	-
01/18/2023 06:00:00 PM	-2.1	-0.2	0	-
01/18/2023 07:00:00 PM	3.1	0.3	0	-
01/18/2023 08:00:00 PM	3.0	0.2	0	-
01/18/2023 09:00:00 PM	5.2	0.4	0	-
01/18/2023 10:00:00 PM	6.8	0.6	0	-
01/18/2023 11:00:00 PM	2.5	0.2	0	-
01/19/2023 12:00:00 AM	1.5	0.1	0	-
01/19/2023 01:00:00 AM	-0.3	-0.0	0	-
01/19/2023 02:00:00 AM	2.3	0.2	0	-
01/19/2023 03:00:00 AM	-5.8	-0.5	0	-
01/19/2023 04:00:00 AM	3.1	0.3	0	-
01/19/2023 05:00:00 AM	5.5	0.5	0	-
01/19/2023 06:00:00 AM	8.5	0.7	0	-
01/19/2023 07:00:00 AM	-0.9	-0.1	0	-
01/19/2023 08:00:00 AM	-2.9	-0.2	0	-
01/19/2023 09:00:00 AM	-1.4	-0.1	1,000,000.0	82,644.6
01/19/2023 10:00:00 AM	-2.9	-0.2	1,000,000.0	82,644.6
01/19/2023 11:00:00 AM	-0.5	-0.0	1,000,000.0	82,644.6
01/19/2023 12:00:00 PM	1.5	0.1	1,000,000.0	82,644.6
01/19/2023 01:00:00 PM	4.1	0.3	0	-
01/19/2023 02:00:00 PM	3.0	0.2	0	-
01/19/2023 03:00:00 PM	11.6	1.0	1,000,000.0	82,644.6
01/19/2023 04:00:00 PM	5.2	0.4	1,000,000.0	82,644.6
01/19/2023 05:00:00 PM	1.2	0.1	0	-
01/19/2023 06:00:00 PM	2.4	0.2	0	-
01/19/2023 07:00:00 PM	-1.4	-0.1	0	-
01/19/2023 08:00:00 PM	7.0	0.6	0	-
01/19/2023 09:00:00 PM	1.3	0.1	0	-
01/19/2023 10:00:00 PM	-2.7	-0.2	0	-
01/19/2023 11:00:00 PM	1.4	0.1	0	-
01/20/2023 12:00:00 AM	5.5	0.5	0	-
01/20/2023 01:00:00 AM	4.9	0.4	0	-
01/20/2023 02:00:00 AM	1.6	0.1	0	-
01/20/2023 03:00:00 AM	0.7	0.1	0	-
01/20/2023 04:00:00 AM	6.2	0.5	0	-
01/20/2023 05:00:00 AM	4.1	0.3	0	-
01/20/2023 06:00:00 AM	5.0	0.4	0	-
01/20/2023 07:00:00 AM	2.9	0.2	0	-
01/20/2023 08:00:00 AM	1.1	0.1	0	-
01/20/2023 09:00:00 AM	1.5	0.1	0	-
01/20/2023 10:00:00 AM	0.9	0.1	1,000,000.0	82,644.6
01/20/2023 11:00:00 AM	1.4	0.1	1,000,000.0	82,644.6



Patterson Irrigation District

Main River Section - Hourly Flow Averages

Start	01/16/2023 12:00:00 AM
End	01/23/2023 12:00:00 AM

Report Generated 01/23/2023 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
01/20/2023 12:00:00 PM	-4.5	-0.4	0	-
01/20/2023 01:00:00 PM	-3.6	-0.3	0	-
01/20/2023 02:00:00 PM	-2.0	-0.2	0	-
01/20/2023 03:00:00 PM	-0.3	-0.0	0	-
01/20/2023 04:00:00 PM	1.3	0.1	0	-
01/20/2023 05:00:00 PM	-2.8	-0.2	1,000,000.0	82,644.6
01/20/2023 06:00:00 PM	-3.5	-0.3	0	-
01/20/2023 07:00:00 PM	-0.3	-0.0	0	-
01/20/2023 08:00:00 PM	-0.4	-0.0	0	-
01/20/2023 09:00:00 PM	0.2	0.0	0	-
01/20/2023 10:00:00 PM	5.1	0.4	0	-
01/20/2023 11:00:00 PM	7.5	0.6	0	-
01/21/2023 12:00:00 AM	6.3	0.5	0	-
01/21/2023 01:00:00 AM	2.8	0.2	0	-
01/21/2023 02:00:00 AM	2.0	0.2	0	-
01/21/2023 03:00:00 AM	7.3	0.6	0	-
01/21/2023 04:00:00 AM	1.4	0.1	0	-
01/21/2023 05:00:00 AM	5.1	0.4	0	-
01/21/2023 06:00:00 AM	1.5	0.1	0	-
01/21/2023 07:00:00 AM	-0.8	-0.1	0	-
01/21/2023 08:00:00 AM	3.9	0.3	0	-
01/21/2023 09:00:00 AM	3.5	0.3	0	-
01/21/2023 10:00:00 AM	1.9	0.2	799,888.8	66,106.5
01/21/2023 11:00:00 AM	6.0	0.5	0	-
01/21/2023 12:00:00 PM	-4.3	-0.4	0	-
01/21/2023 01:00:00 PM	-0.6	-0.1	0	-
01/21/2023 02:00:00 PM	1.9	0.2	0	-
01/21/2023 03:00:00 PM	-5.1	-0.4	0	-
01/21/2023 04:00:00 PM	-7.4	-0.6	0	-
01/21/2023 05:00:00 PM	-8.3	-0.7	1,000,000.0	82,644.6
01/21/2023 06:00:00 PM	-8.8	-0.7	0	-
01/21/2023 07:00:00 PM	-6.2	-0.5	0	-
01/21/2023 08:00:00 PM	-13.6	-1.1	0	-
01/21/2023 09:00:00 PM	-6.1	-0.5	0	-
01/21/2023 10:00:00 PM	7.3	0.6	0	-
01/21/2023 11:00:00 PM	0.4	0.0	0	-
01/22/2023 12:00:00 AM	1.5	0.1	0	-
01/22/2023 01:00:00 AM	1.4	0.1	0	-
01/22/2023 02:00:00 AM	-4.9	-0.4	0	-
01/22/2023 03:00:00 AM	-0.1	-0.0	0	-
01/22/2023 04:00:00 AM	4.9	0.4	0	-
01/22/2023 05:00:00 AM	0.9	0.1	0	-
01/22/2023 06:00:00 AM	-0.6	-0.1	0	-
01/22/2023 07:00:00 AM	-0.5	-0.0	0	-
01/22/2023 08:00:00 AM	3.3	0.3	0	-
01/22/2023 09:00:00 AM	3.4	0.3	1,000,000.0	82,644.6
01/22/2023 10:00:00 AM	0.9	0.1	527,818.2	43,621.3
01/22/2023 11:00:00 AM	3.3	0.3	0	-
01/22/2023 12:00:00 PM	4.9	0.4	0	-
01/22/2023 01:00:00 PM	6.0	0.5	0	-
01/22/2023 02:00:00 PM	5.3	0.4	0	-
01/22/2023 03:00:00 PM	0.5	0.0	0	-
01/22/2023 04:00:00 PM	-1.1	-0.1	0	-
01/22/2023 05:00:00 PM	2.1	0.2	918,034.4	75,870.6



Patterson Irrigation District

Main River Section - Hourly Flow Averages

Start	01/16/2023 12:00:00 AM
End	01/23/2023 12:00:00 AM

Report Generated 01/23/2023 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
01/22/2023 06:00:00 PM	4.7	0.4	0	-
01/22/2023 07:00:00 PM	5.7	0.5	0	-
01/22/2023 08:00:00 PM	4.4	0.4	0	-
01/22/2023 09:00:00 PM	7.1	0.6	0	-
01/22/2023 10:00:00 PM	1.9	0.2	0	-
01/22/2023 11:00:00 PM	5.2	0.4	0	-
Average Flow:	2.45	34.07	962,904.33	2,626,102.72
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.