



Patterson Irrigation District

Main River Section - Hourly Flow Averages

Start	03/13/2023 12:00:00 AM
End	03/20/2023 12:00:00 AM

Report Generated 03/20/2023 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
03/13/2023 12:00:00 AM	2.9	0.2	13.9	1.1
03/13/2023 01:00:00 AM	0.3	0.0	17.1	1.4
03/13/2023 02:00:00 AM	4.1	0.3	13.8	1.1
03/13/2023 03:00:00 AM	0.5	0.0	14.0	1.2
03/13/2023 04:00:00 AM	5.4	0.4	2.9	0.2
03/13/2023 05:00:00 AM	1.4	0.1	0	-
03/13/2023 06:00:00 AM	6.2	0.5	0	-
03/13/2023 07:00:00 AM	3.1	0.3	0	-
03/13/2023 08:00:00 AM	2.1	0.2	3.7	0.3
03/13/2023 09:00:00 AM	-3.1	-0.3	11.2	0.9
03/13/2023 10:00:00 AM	-0.2	-0.0	17.8	1.5
03/13/2023 11:00:00 AM	1.8	0.2	18.0	1.5
03/13/2023 12:00:00 PM	1.9	0.2	14.9	1.2
03/13/2023 01:00:00 PM	1.0	0.1	12.4	1.0
03/13/2023 02:00:00 PM	0.9	0.1	13.7	1.1
03/13/2023 03:00:00 PM	0.9	0.1	14.6	1.2
03/13/2023 04:00:00 PM	0.2	0.0	14.6	1.2
03/13/2023 05:00:00 PM	0.2	0.0	20.7	1.7
03/13/2023 06:00:00 PM	2.2	0.2	6.9	0.6
03/13/2023 07:00:00 PM	1.3	0.1	18.9	1.6
03/13/2023 08:00:00 PM	0.2	0.0	0.0	0.0
03/13/2023 09:00:00 PM	1.1	0.1	4.7	0.4
03/13/2023 10:00:00 PM	1.8	0.1	5.7	0.5
03/13/2023 11:00:00 PM	-0.4	-0.0	8.0	0.7
03/14/2023 12:00:00 AM	-2.2	-0.2	12.7	1.1
03/14/2023 01:00:00 AM	-0.6	-0.1	13.5	1.1
03/14/2023 02:00:00 AM	0.8	0.1	12.4	1.0
03/14/2023 03:00:00 AM	-3.6	-0.3	12.6	1.0
03/14/2023 04:00:00 AM	-0.6	-0.0	12.5	1.0
03/14/2023 05:00:00 AM	2.0	0.2	12.6	1.0
03/14/2023 06:00:00 AM	2.4	0.2	12.6	1.0
03/14/2023 07:00:00 AM	1.2	0.1	15.8	1.3
03/14/2023 08:00:00 AM	-1.5	-0.1	16.9	1.4
03/14/2023 09:00:00 AM	-2.3	-0.2	20.1	1.7
03/14/2023 10:00:00 AM	-5.1	-0.4	20.6	1.7
03/14/2023 11:00:00 AM	2.2	0.2	22.1	1.8
03/14/2023 12:00:00 PM	5.5	0.5	20.7	1.7
03/14/2023 01:00:00 PM	0.7	0.1	22.0	1.8
03/14/2023 02:00:00 PM	2.6	0.2	17.2	1.4
03/14/2023 03:00:00 PM	1.7	0.1	18.9	1.6
03/14/2023 04:00:00 PM	5.0	0.4	26.3	2.2
03/14/2023 05:00:00 PM	6.3	0.5	22.4	1.9
03/14/2023 06:00:00 PM	2.1	0.2	17.1	1.4
03/14/2023 07:00:00 PM	-1.4	-0.1	15.8	1.3
03/14/2023 08:00:00 PM	1.1	0.1	3.2	0.3
03/14/2023 09:00:00 PM	-0.6	-0.1	8.9	0.7
03/14/2023 10:00:00 PM	4.4	0.4	18.1	1.5
03/14/2023 11:00:00 PM	5.8	0.5	17.6	1.5
03/15/2023 12:00:00 AM	4.5	0.4	14.2	1.2
03/15/2023 01:00:00 AM	0.2	0.0	11.3	0.9
03/15/2023 02:00:00 AM	-1.6	-0.1	2.3	0.2
03/15/2023 03:00:00 AM	-2.4	-0.2	10.5	0.9
03/15/2023 04:00:00 AM	6.8	0.6	16.2	1.3
03/15/2023 05:00:00 AM	5.4	0.4	14.2	1.2



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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
03/15/2023 06:00:00 AM	2.1	0.2	12.4	1.0
03/15/2023 07:00:00 AM	-1.4	-0.1	2.1	0.2
03/15/2023 08:00:00 AM	1.1	0.1	0.0	0.0
03/15/2023 09:00:00 AM	2.2	0.2	14.1	1.2
03/15/2023 10:00:00 AM	1.8	0.2	19.2	1.6
03/15/2023 11:00:00 AM	-2.4	-0.2	19.1	1.6
03/15/2023 12:00:00 PM	1.6	0.1	18.6	1.5
03/15/2023 01:00:00 PM	1.2	0.1	17.8	1.5
03/15/2023 02:00:00 PM	1.9	0.2	18.7	1.5
03/15/2023 03:00:00 PM	0.2	0.0	16.8	1.4
03/15/2023 04:00:00 PM	0.9	0.1	17.6	1.5
03/15/2023 05:00:00 PM	4.2	0.3	16.7	1.4
03/15/2023 06:00:00 PM	3.2	0.3	16.1	1.3
03/15/2023 07:00:00 PM	2.1	0.2	17.9	1.5
03/15/2023 08:00:00 PM	0.9	0.1	0	-
03/15/2023 09:00:00 PM	0.3	0.0	1.3	0.1
03/15/2023 10:00:00 PM	-0.8	-0.1	1.3	0.1
03/15/2023 11:00:00 PM	6.9	0.6	0	-
03/16/2023 12:00:00 AM	3.3	0.3	0	-
03/16/2023 01:00:00 AM	1.5	0.1	0	-
03/16/2023 02:00:00 AM	1.8	0.1	4.1	0.3
03/16/2023 03:00:00 AM	1.0	0.1	6.4	0.5
03/16/2023 04:00:00 AM	-2.5	-0.2	0	-
03/16/2023 05:00:00 AM	-3.0	-0.2	0	-
03/16/2023 06:00:00 AM	-3.3	-0.3	0	-
03/16/2023 07:00:00 AM	0.2	0.0	3.5	0.3
03/16/2023 08:00:00 AM	3.9	0.3	0.1	0.0
03/16/2023 09:00:00 AM	3.8	0.3	14.0	1.2
03/16/2023 10:00:00 AM	1.6	0.1	17.1	1.4
03/16/2023 11:00:00 AM	-2.0	-0.2	16.9	1.4
03/16/2023 12:00:00 PM	2.3	0.2	16.8	1.4
03/16/2023 01:00:00 PM	0.7	0.1	16.2	1.3
03/16/2023 02:00:00 PM	-0.8	-0.1	15.3	1.3
03/16/2023 03:00:00 PM	-1.6	-0.1	15.7	1.3
03/16/2023 04:00:00 PM	-2.7	-0.2	16.5	1.4
03/16/2023 05:00:00 PM	-0.5	-0.0	15.2	1.3
03/16/2023 06:00:00 PM	-3.4	-0.3	16.9	1.4
03/16/2023 07:00:00 PM	5.0	0.4	17.5	1.4
03/16/2023 08:00:00 PM	-0.8	-0.1	0	-
03/16/2023 09:00:00 PM	-0.6	-0.0	0	-
03/16/2023 10:00:00 PM	2.5	0.2	0	-
03/16/2023 11:00:00 PM	-5.3	-0.4	4.0	0.3
03/17/2023 12:00:00 AM	-0.5	-0.0	3.2	0.3
03/17/2023 01:00:00 AM	3.7	0.3	0	-
03/17/2023 02:00:00 AM	0.3	0.0	0	-
03/17/2023 03:00:00 AM	0.0	0.0	0	-
03/17/2023 04:00:00 AM	3.0	0.3	0.0	0.0
03/17/2023 05:00:00 AM	6.1	0.5	0	-
03/17/2023 06:00:00 AM	1.5	0.1	4.4	0.4
03/17/2023 07:00:00 AM	6.0	0.5	6.6	0.5
03/17/2023 08:00:00 AM	5.8	0.5	9.8	0.8
03/17/2023 09:00:00 AM	0.0	0.0	14.3	1.2
03/17/2023 10:00:00 AM	4.0	0.3	15.9	1.3
03/17/2023 11:00:00 AM	4.3	0.4	16.0	1.3



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End	03/20/2023 12:00:00 AM

Report Generated 03/20/2023 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
03/17/2023 12:00:00 PM	0.4	0.0	16.0	1.3
03/17/2023 01:00:00 PM	0.1	0.0	16.2	1.3
03/17/2023 02:00:00 PM	-0.4	-0.0	16.7	1.4
03/17/2023 03:00:00 PM	1.5	0.1	15.7	1.3
03/17/2023 04:00:00 PM	1.0	0.1	15.8	1.3
03/17/2023 05:00:00 PM	-0.3	-0.0	13.3	1.1
03/17/2023 06:00:00 PM	2.1	0.2	11.5	1.0
03/17/2023 07:00:00 PM	1.9	0.2	19.8	1.6
03/17/2023 08:00:00 PM	2.7	0.2	6.8	0.6
03/17/2023 09:00:00 PM	3.6	0.3	0	-
03/17/2023 10:00:00 PM	2.4	0.2	0	-
03/17/2023 11:00:00 PM	2.5	0.2	0	-
03/18/2023 12:00:00 AM	2.3	0.2	0	-
03/18/2023 01:00:00 AM	-3.5	-0.3	0	-
03/18/2023 02:00:00 AM	-1.5	-0.1	5.2	0.4
03/18/2023 03:00:00 AM	-0.7	-0.1	3.8	0.3
03/18/2023 04:00:00 AM	4.9	0.4	0	-
03/18/2023 05:00:00 AM	1.1	0.1	0	-
03/18/2023 06:00:00 AM	-0.8	-0.1	0	-
03/18/2023 07:00:00 AM	-5.9	-0.5	0	-
03/18/2023 08:00:00 AM	-6.1	-0.5	4.0	0.3
03/18/2023 09:00:00 AM	-1.7	-0.1	10.9	0.9
03/18/2023 10:00:00 AM	-2.2	-0.2	11.8	1.0
03/18/2023 11:00:00 AM	3.2	0.3	13.4	1.1
03/18/2023 12:00:00 PM	-0.7	-0.1	13.7	1.1
03/18/2023 01:00:00 PM	-1.1	-0.1	13.0	1.1
03/18/2023 02:00:00 PM	-0.3	-0.0	7.9	0.7
03/18/2023 03:00:00 PM	0.8	0.1	10.8	0.9
03/18/2023 04:00:00 PM	2.8	0.2	8.3	0.7
03/18/2023 05:00:00 PM	2.4	0.2	7.1	0.6
03/18/2023 06:00:00 PM	-1.3	-0.1	15.4	1.3
03/18/2023 07:00:00 PM	1.9	0.2	19.4	1.6
03/18/2023 08:00:00 PM	0.4	0.0	6.1	0.5
03/18/2023 09:00:00 PM	1.5	0.1	0	-
03/18/2023 10:00:00 PM	0.4	0.0	2.8	0.2
03/18/2023 11:00:00 PM	0.9	0.1	7.9	0.7
03/19/2023 12:00:00 AM	-0.8	-0.1	8.1	0.7
03/19/2023 01:00:00 AM	-1.0	-0.1	5.6	0.5
03/19/2023 02:00:00 AM	-1.9	-0.2	12.4	1.0
03/19/2023 03:00:00 AM	3.3	0.3	19.9	1.6
03/19/2023 04:00:00 AM	4.5	0.4	20.0	1.7
03/19/2023 05:00:00 AM	0.6	0.1	20.2	1.7
03/19/2023 06:00:00 AM	-3.2	-0.3	17.7	1.5
03/19/2023 07:00:00 AM	-2.1	-0.2	17.2	1.4
03/19/2023 08:00:00 AM	0.6	0.1	18.9	1.6
03/19/2023 09:00:00 AM	0.6	0.0	14.0	1.2
03/19/2023 10:00:00 AM	-0.5	-0.0	19.5	1.6
03/19/2023 11:00:00 AM	1.5	0.1	19.5	1.6
03/19/2023 12:00:00 PM	-0.6	-0.0	17.7	1.5
03/19/2023 01:00:00 PM	-0.7	-0.1	16.9	1.4
03/19/2023 02:00:00 PM	-2.2	-0.2	13.9	1.1
03/19/2023 03:00:00 PM	-2.9	-0.2	12.4	1.0
03/19/2023 04:00:00 PM	-1.1	-0.1	11.1	0.9
03/19/2023 05:00:00 PM	-0.1	-0.0	11.6	1.0



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Main River Section - Hourly Flow Averages

Start	03/13/2023 12:00:00 AM
End	03/20/2023 12:00:00 AM

Report Generated 03/20/2023 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
03/19/2023 06:00:00 PM	1.2	0.1	11.1	0.9
03/19/2023 07:00:00 PM	-1.3	-0.1	16.6	1.4
03/19/2023 08:00:00 PM	-5.2	-0.4	0	-
03/19/2023 09:00:00 PM	-3.2	-0.3	0	-
03/19/2023 10:00:00 PM	-3.2	-0.3	0	-
03/19/2023 11:00:00 PM	-1.0	-0.1	0	-
Average Flow:	0.78	10.88	13.01	147.33
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.