



Patterson Irrigation District

Main River Section - Hourly Flow Averages

Start	01/30/2023 12:00:00 AM
End	02/06/2023 12:00:00 AM

Report Generated 02/06/2023 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
01/30/2023 12:00:00 AM	3.6	0.3	17.9	1.5
01/30/2023 01:00:00 AM	3.8	0.3	18.3	1.5
01/30/2023 02:00:00 AM	4.8	0.4	19.1	1.6
01/30/2023 03:00:00 AM	0.8	0.1	17.5	1.4
01/30/2023 04:00:00 AM	1.7	0.1	18.7	1.5
01/30/2023 05:00:00 AM	2.1	0.2	18.2	1.5
01/30/2023 06:00:00 AM	-0.9	-0.1	19.3	1.6
01/30/2023 07:00:00 AM	-0.3	-0.0	20.4	1.7
01/30/2023 08:00:00 AM	0.6	0.0	20.4	1.7
01/30/2023 09:00:00 AM	-0.6	-0.0	19.8	1.6
01/30/2023 10:00:00 AM	-1.7	-0.1	19.0	1.6
01/30/2023 11:00:00 AM	1.2	0.1	20.3	1.7
01/30/2023 12:00:00 PM	-0.9	-0.1	20.9	1.7
01/30/2023 01:00:00 PM	1.7	0.1	20.3	1.7
01/30/2023 02:00:00 PM	1.2	0.1	19.4	1.6
01/30/2023 03:00:00 PM	2.4	0.2	18.9	1.6
01/30/2023 04:00:00 PM	0.1	0.0	19.1	1.6
01/30/2023 05:00:00 PM	2.3	0.2	17.2	1.4
01/30/2023 06:00:00 PM	-1.7	-0.1	13.6	1.1
01/30/2023 07:00:00 PM	1.5	0.1	10.5	0.9
01/30/2023 08:00:00 PM	2.7	0.2	14.8	1.2
01/30/2023 09:00:00 PM	4.6	0.4	12.0	1.0
01/30/2023 10:00:00 PM	-0.0	-0.0	15.7	1.3
01/30/2023 11:00:00 PM	-0.3	-0.0	17.3	1.4
01/31/2023 12:00:00 AM	-0.4	-0.0	17.5	1.4
01/31/2023 01:00:00 AM	0.3	0.0	16.7	1.4
01/31/2023 02:00:00 AM	-0.1	-0.0	16.6	1.4
01/31/2023 03:00:00 AM	0.5	0.0	16.5	1.4
01/31/2023 04:00:00 AM	0.4	0.0	13.4	1.1
01/31/2023 05:00:00 AM	1.5	0.1	5.4	0.4
01/31/2023 06:00:00 AM	1.0	0.1	0	-
01/31/2023 07:00:00 AM	4.6	0.4	8.9	0.7
01/31/2023 08:00:00 AM	5.6	0.5	0	-
01/31/2023 09:00:00 AM	5.0	0.4	5.7	0.5
01/31/2023 10:00:00 AM	4.0	0.3	6.2	0.5
01/31/2023 11:00:00 AM	0.1	0.0	12.5	1.0
01/31/2023 12:00:00 PM	2.9	0.2	12.8	1.1
01/31/2023 01:00:00 PM	1.6	0.1	13.8	1.1
01/31/2023 02:00:00 PM	0.6	0.0	13.9	1.1
01/31/2023 03:00:00 PM	0.3	0.0	14.9	1.2
01/31/2023 04:00:00 PM	2.8	0.2	12.9	1.1
01/31/2023 05:00:00 PM	3.8	0.3	11.8	1.0
01/31/2023 06:00:00 PM	5.6	0.5	0	-
01/31/2023 07:00:00 PM	8.9	0.7	0	-
01/31/2023 08:00:00 PM	-1.7	-0.1	0	-
01/31/2023 09:00:00 PM	0.9	0.1	0	-
01/31/2023 10:00:00 PM	0.5	0.0	0	-
01/31/2023 11:00:00 PM	0.3	0.0	0	-
02/01/2023 12:00:00 AM	3.1	0.3	0	-
02/01/2023 01:00:00 AM	3.3	0.3	3.0	0.3
02/01/2023 02:00:00 AM	-0.1	-0.0	0	-
02/01/2023 03:00:00 AM	0.5	0.0	5.9	0.5
02/01/2023 04:00:00 AM	-0.5	-0.0	6.4	0.5
02/01/2023 05:00:00 AM	0.4	0.0	0	-



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Start	01/30/2023 12:00:00 AM
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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
02/01/2023 06:00:00 AM	-2.8	-0.2	11.4	0.9
02/01/2023 07:00:00 AM	-0.9	-0.1	0	-
02/01/2023 08:00:00 AM	2.1	0.2	0	-
02/01/2023 09:00:00 AM	0.8	0.1	0	-
02/01/2023 10:00:00 AM	-4.1	-0.3	3.5	0.3
02/01/2023 11:00:00 AM	0.4	0.0	7.6	0.6
02/01/2023 12:00:00 PM	2.0	0.2	12.6	1.0
02/01/2023 01:00:00 PM	1.1	0.1	10.5	0.9
02/01/2023 02:00:00 PM	2.7	0.2	6.2	0.5
02/01/2023 03:00:00 PM	4.6	0.4	5.3	0.4
02/01/2023 04:00:00 PM	1.9	0.2	0.5	0.0
02/01/2023 05:00:00 PM	-4.4	-0.4	0	-
02/01/2023 06:00:00 PM	-5.1	-0.4	1.8	0.1
02/01/2023 07:00:00 PM	1.8	0.2	1.3	0.1
02/01/2023 08:00:00 PM	-1.9	-0.2	0	-
02/01/2023 09:00:00 PM	-0.4	-0.0	3.1	0.3
02/01/2023 10:00:00 PM	-0.5	-0.0	4.5	0.4
02/01/2023 11:00:00 PM	-0.1	-0.0	2.6	0.2
02/02/2023 12:00:00 AM	1.4	0.1	0	-
02/02/2023 01:00:00 AM	-0.2	-0.0	0	-
02/02/2023 02:00:00 AM	1.0	0.1	0	-
02/02/2023 03:00:00 AM	0.3	0.0	0	-
02/02/2023 04:00:00 AM	2.8	0.2	0	-
02/02/2023 05:00:00 AM	1.4	0.1	0	-
02/02/2023 06:00:00 AM	3.6	0.3	0	-
02/02/2023 07:00:00 AM	2.3	0.2	0	-
02/02/2023 08:00:00 AM	-3.4	-0.3	0	-
02/02/2023 09:00:00 AM	-1.4	-0.1	0	-
02/02/2023 10:00:00 AM	2.2	0.2	0	-
02/02/2023 11:00:00 AM	2.6	0.2	4.2	0.3
02/02/2023 12:00:00 PM	2.1	0.2	2.6	0.2
02/02/2023 01:00:00 PM	-0.8	-0.1	7.0	0.6
02/02/2023 02:00:00 PM	-0.2	-0.0	9.1	0.8
02/02/2023 03:00:00 PM	-0.2	-0.0	11.7	1.0
02/02/2023 04:00:00 PM	2.1	0.2	0	-
02/02/2023 05:00:00 PM	3.9	0.3	0	-
02/02/2023 06:00:00 PM	1.9	0.2	3.3	0.3
02/02/2023 07:00:00 PM	1.2	0.1	0	-
02/02/2023 08:00:00 PM	0.2	0.0	0	-
02/02/2023 09:00:00 PM	-0.1	-0.0	3.2	0.3
02/02/2023 10:00:00 PM	0.7	0.1	0	-
02/02/2023 11:00:00 PM	1.3	0.1	7.3	0.6
02/03/2023 12:00:00 AM	3.4	0.3	8.7	0.7
02/03/2023 01:00:00 AM	7.6	0.6	8.3	0.7
02/03/2023 02:00:00 AM	7.8	0.6	3.8	0.3
02/03/2023 03:00:00 AM	4.1	0.3	0	-
02/03/2023 04:00:00 AM	6.2	0.5	1.1	0.1
02/03/2023 05:00:00 AM	6.3	0.5	1.5	0.1
02/03/2023 06:00:00 AM	5.3	0.4	0	-
02/03/2023 07:00:00 AM	7.1	0.6	7.5	0.6
02/03/2023 08:00:00 AM	0.3	0.0	9.3	0.8
02/03/2023 09:00:00 AM	0.9	0.1	13.6	1.1
02/03/2023 10:00:00 AM	-0.4	-0.0	13.1	1.1
02/03/2023 11:00:00 AM	-0.5	-0.0	16.3	1.3



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Start	01/30/2023 12:00:00 AM
End	02/06/2023 12:00:00 AM

Report Generated 02/06/2023 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
02/03/2023 12:00:00 PM	1.1	0.1	15.4	1.3
02/03/2023 01:00:00 PM	-0.0	-0.0	14.3	1.2
02/03/2023 02:00:00 PM	0.8	0.1	15.0	1.2
02/03/2023 03:00:00 PM	0.9	0.1	14.2	1.2
02/03/2023 04:00:00 PM	0.6	0.0	12.0	1.0
02/03/2023 05:00:00 PM	1.7	0.1	11.6	1.0
02/03/2023 06:00:00 PM	1.5	0.1	11.2	0.9
02/03/2023 07:00:00 PM	1.9	0.2	8.9	0.7
02/03/2023 08:00:00 PM	-0.1	-0.0	0.7	0.1
02/03/2023 09:00:00 PM	-1.5	-0.1	0	-
02/03/2023 10:00:00 PM	-1.2	-0.1	0	-
02/03/2023 11:00:00 PM	-1.3	-0.1	0.0	0.0
02/04/2023 12:00:00 AM	-1.8	-0.1	7.4	0.6
02/04/2023 01:00:00 AM	-1.2	-0.1	0	-
02/04/2023 02:00:00 AM	0.7	0.1	0	-
02/04/2023 03:00:00 AM	-0.7	-0.1	0	-
02/04/2023 04:00:00 AM	-1.5	-0.1	0	-
02/04/2023 05:00:00 AM	0.3	0.0	0	-
02/04/2023 06:00:00 AM	4.0	0.3	0	-
02/04/2023 07:00:00 AM	3.1	0.3	7.3	0.6
02/04/2023 08:00:00 AM	5.4	0.5	7.5	0.6
02/04/2023 09:00:00 AM	3.5	0.3	0	-
02/04/2023 10:00:00 AM	3.0	0.3	4.2	0.3
02/04/2023 11:00:00 AM	0.1	0.0	12.4	1.0
02/04/2023 12:00:00 PM	1.2	0.1	11.4	0.9
02/04/2023 01:00:00 PM	-0.1	-0.0	11.2	0.9
02/04/2023 02:00:00 PM	1.3	0.1	14.5	1.2
02/04/2023 03:00:00 PM	0.4	0.0	12.2	1.0
02/04/2023 04:00:00 PM	-1.8	-0.1	8.7	0.7
02/04/2023 05:00:00 PM	-0.8	-0.1	10.1	0.8
02/04/2023 06:00:00 PM	0.1	0.0	5.1	0.4
02/04/2023 07:00:00 PM	1.0	0.1	6.9	0.6
02/04/2023 08:00:00 PM	0.8	0.1	9.4	0.8
02/04/2023 09:00:00 PM	0.9	0.1	2.8	0.2
02/04/2023 10:00:00 PM	1.7	0.1	10.2	0.8
02/04/2023 11:00:00 PM	0.8	0.1	0.3	0.0
02/05/2023 12:00:00 AM	2.1	0.2	0	-
02/05/2023 01:00:00 AM	0	-	7.3	0.6
02/05/2023 02:00:00 AM	-3.4	-0.3	7.9	0.7
02/05/2023 03:00:00 AM	-1.4	-0.1	0	-
02/05/2023 04:00:00 AM	-3.0	-0.2	4.2	0.3
02/05/2023 05:00:00 AM	-1.7	-0.1	0	-
02/05/2023 06:00:00 AM	-1.7	-0.1	0	-
02/05/2023 07:00:00 AM	0.4	0.0	5.6	0.5
02/05/2023 08:00:00 AM	0	-	1.4	0.1
02/05/2023 09:00:00 AM	-1.7	-0.1	6.7	0.6
02/05/2023 10:00:00 AM	-2.3	-0.2	0	-
02/05/2023 11:00:00 AM	0.2	0.0	0	-
02/05/2023 12:00:00 PM	-0.2	-0.0	7.0	0.6
02/05/2023 01:00:00 PM	-0.8	-0.1	7.4	0.6
02/05/2023 02:00:00 PM	0.3	0.0	13.8	1.1
02/05/2023 03:00:00 PM	0.9	0.1	17.3	1.4
02/05/2023 04:00:00 PM	2.6	0.2	15.6	1.3
02/05/2023 05:00:00 PM	-1.3	-0.1	12.3	1.0



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Main River Section - Hourly Flow Averages

Start	01/30/2023 12:00:00 AM
End	02/06/2023 12:00:00 AM

Report Generated 02/06/2023 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
02/05/2023 06:00:00 PM	-0.8	-0.1	4.0	0.3
02/05/2023 07:00:00 PM	-0.0	-0.0	3.8	0.3
02/05/2023 08:00:00 PM	3.8	0.3	7.5	0.6
02/05/2023 09:00:00 PM	1.1	0.1	1.0	0.1
02/05/2023 10:00:00 PM	1.9	0.2	0	-
02/05/2023 11:00:00 PM	0.6	0.0	0	-
Average Flow:	1.06	14.48	10.37	100.30
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.