



Patterson Irrigation District

Main River Section - Hourly Flow Averages

Start	01/09/2023 12:00:00 AM
End	01/16/2023 12:00:00 AM

Report Generated 01/16/2023 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
01/09/2023 12:00:00 AM	27.2	2.2	0	-
01/09/2023 01:00:00 AM	31.8	2.6	0	-
01/09/2023 02:00:00 AM	35.2	2.9	0	-
01/09/2023 03:00:00 AM	35.3	2.9	0	-
01/09/2023 04:00:00 AM	36.2	3.0	0	-
01/09/2023 05:00:00 AM	31.6	2.6	0	-
01/09/2023 06:00:00 AM	30.5	2.5	0	-
01/09/2023 07:00:00 AM	29.0	2.4	0	-
01/09/2023 08:00:00 AM	29.7	2.5	0	-
01/09/2023 09:00:00 AM	29.8	2.5	0	-
01/09/2023 10:00:00 AM	31.8	2.6	0	-
01/09/2023 11:00:00 AM	12.3	1.0	0	-
01/09/2023 12:00:00 PM	1.5	0.1	0	-
01/09/2023 01:00:00 PM	-0.1	-0.0	0	-
01/09/2023 02:00:00 PM	-1.6	-0.1	0	-
01/09/2023 03:00:00 PM	3.1	0.3	0	-
01/09/2023 04:00:00 PM	9.1	0.8	0	-
01/09/2023 05:00:00 PM	4.5	0.4	0	-
01/09/2023 06:00:00 PM	4.9	0.4	0	-
01/09/2023 07:00:00 PM	2.8	0.2	0	-
01/09/2023 08:00:00 PM	2.1	0.2	0	-
01/09/2023 09:00:00 PM	1.6	0.1	0	-
01/09/2023 10:00:00 PM	7.5	0.6	0	-
01/09/2023 11:00:00 PM	6.5	0.5	0	-
01/10/2023 12:00:00 AM	-2.2	-0.2	0	-
01/10/2023 01:00:00 AM	1.4	0.1	0	-
01/10/2023 02:00:00 AM	0	-	0	-
01/10/2023 03:00:00 AM	0.0	0.0	1,000,000.0	82,644.6
01/10/2023 04:00:00 AM	2.1	0.2	0	-
01/10/2023 05:00:00 AM	1.7	0.1	0	-
01/10/2023 06:00:00 AM	2.7	0.2	0	-
01/10/2023 07:00:00 AM	2.0	0.2	1,000,000.0	82,644.6
01/10/2023 08:00:00 AM	7.7	0.6	0	-
01/10/2023 09:00:00 AM	5.0	0.4	1,000,000.0	82,644.6
01/10/2023 10:00:00 AM	6.6	0.5	1,000,000.0	82,644.6
01/10/2023 11:00:00 AM	0.9	0.1	1,000,000.0	82,644.6
01/10/2023 12:00:00 PM	-3.5	-0.3	1,000,000.0	82,644.6
01/10/2023 01:00:00 PM	-4.6	-0.4	712,021.2	58,844.7
01/10/2023 02:00:00 PM	0.2	0.0	15.8	1.3
01/10/2023 03:00:00 PM	1.7	0.1	8.8	0.7
01/10/2023 04:00:00 PM	2.0	0.2	9.5	0.8
01/10/2023 05:00:00 PM	0.3	0.0	11.8	1.0
01/10/2023 06:00:00 PM	4.8	0.4	572,818.2	47,340.3
01/10/2023 07:00:00 PM	9.5	0.8	0	-
01/10/2023 08:00:00 PM	9.3	0.8	0	-
01/10/2023 09:00:00 PM	5.2	0.4	0	-
01/10/2023 10:00:00 PM	4.2	0.3	0	-
01/10/2023 11:00:00 PM	4.4	0.4	0	-
01/11/2023 12:00:00 AM	4.8	0.4	0	-
01/11/2023 01:00:00 AM	0.8	0.1	0	-
01/11/2023 02:00:00 AM	9.7	0.8	0	-
01/11/2023 03:00:00 AM	2.5	0.2	0	-
01/11/2023 04:00:00 AM	3.7	0.3	0	-
01/11/2023 05:00:00 AM	5.8	0.5	0	-



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Main River Section - Hourly Flow Averages

Start	01/09/2023 12:00:00 AM
End	01/16/2023 12:00:00 AM

Report Generated 01/16/2023 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
01/11/2023 06:00:00 AM	-2.3	-0.2	0	-
01/11/2023 07:00:00 AM	1.5	0.1	0	-
01/11/2023 08:00:00 AM	0.5	0.0	0	-
01/11/2023 09:00:00 AM	0.8	0.1	0	-
01/11/2023 10:00:00 AM	50.2	4.1	0	-
01/11/2023 11:00:00 AM	38.3	3.2	0	-
01/11/2023 12:00:00 PM	38.9	3.2	0	-
01/11/2023 01:00:00 PM	33.9	2.8	0	-
01/11/2023 02:00:00 PM	40.2	3.3	0	-
01/11/2023 03:00:00 PM	35.5	2.9	0	-
01/11/2023 04:00:00 PM	36.4	3.0	0	-
01/11/2023 05:00:00 PM	38.6	3.2	0	-
01/11/2023 06:00:00 PM	38.2	3.2	0	-
01/11/2023 07:00:00 PM	34.4	2.8	0	-
01/11/2023 08:00:00 PM	35.2	2.9	0	-
01/11/2023 09:00:00 PM	35.3	2.9	0	-
01/11/2023 10:00:00 PM	34.8	2.9	0	-
01/11/2023 11:00:00 PM	35.9	3.0	0	-
01/12/2023 12:00:00 AM	32.2	2.7	0	-
01/12/2023 01:00:00 AM	33.5	2.8	0	-
01/12/2023 02:00:00 AM	27.8	2.3	0	-
01/12/2023 03:00:00 AM	34.8	2.9	1,000,000.0	82,644.6
01/12/2023 04:00:00 AM	30.4	2.5	1,000,000.0	82,644.6
01/12/2023 05:00:00 AM	24.8	2.0	1,000,000.0	82,644.6
01/12/2023 06:00:00 AM	25.9	2.1	0	-
01/12/2023 07:00:00 AM	27.5	2.3	0	-
01/12/2023 08:00:00 AM	32.1	2.7	1,000,000.0	82,644.6
01/12/2023 09:00:00 AM	31.5	2.6	1,000,000.0	82,644.6
01/12/2023 10:00:00 AM	27.2	2.3	1,000,000.0	82,644.6
01/12/2023 11:00:00 AM	22.5	1.9	814,189.9	67,288.4
01/12/2023 12:00:00 PM	27.4	2.3	19.5	1.6
01/12/2023 01:00:00 PM	23.6	1.9	19.1	1.6
01/12/2023 02:00:00 PM	36.4	3.0	18.6	1.5
01/12/2023 03:00:00 PM	31.5	2.6	26.9	2.2
01/12/2023 04:00:00 PM	31.1	2.6	34.9	2.9
01/12/2023 05:00:00 PM	29.0	2.4	37.4	3.1
01/12/2023 06:00:00 PM	28.4	2.3	35.3	2.9
01/12/2023 07:00:00 PM	31.8	2.6	33.7	2.8
01/12/2023 08:00:00 PM	34.8	2.9	29.1	2.4
01/12/2023 09:00:00 PM	30.4	2.5	32.5	2.7
01/12/2023 10:00:00 PM	27.1	2.2	34.6	2.9
01/12/2023 11:00:00 PM	23.5	1.9	30.1	2.5
01/13/2023 12:00:00 AM	29.1	2.4	33.9	2.8
01/13/2023 01:00:00 AM	28.3	2.3	763,831.4	63,126.6
01/13/2023 02:00:00 AM	32.3	2.7	0	-
01/13/2023 03:00:00 AM	28.4	2.3	0	-
01/13/2023 04:00:00 AM	29.2	2.4	0	-
01/13/2023 05:00:00 AM	28.4	2.3	0	-
01/13/2023 06:00:00 AM	35.3	2.9	0	-
01/13/2023 07:00:00 AM	35.2	2.9	0	-
01/13/2023 08:00:00 AM	34.3	2.8	0	-
01/13/2023 09:00:00 AM	32.1	2.7	0	-
01/13/2023 10:00:00 AM	31.2	2.6	0	-
01/13/2023 11:00:00 AM	35.3	2.9	0	-



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Main River Section - Hourly Flow Averages

Start	01/09/2023 12:00:00 AM
End	01/16/2023 12:00:00 AM

Report Generated 01/16/2023 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
01/13/2023 12:00:00 PM	34.0	2.8	902,118.6	74,555.3
01/13/2023 01:00:00 PM	33.5	2.8	53.8	4.4
01/13/2023 02:00:00 PM	33.1	2.7	50.1	4.1
01/13/2023 03:00:00 PM	30.5	2.5	39.9	3.3
01/13/2023 04:00:00 PM	30.7	2.5	52.3	4.3
01/13/2023 05:00:00 PM	33.5	2.8	48.3	4.0
01/13/2023 06:00:00 PM	34.4	2.8	48.2	4.0
01/13/2023 07:00:00 PM	31.4	2.6	576,190.7	47,619.1
01/13/2023 08:00:00 PM	33.7	2.8	1,000,000.0	82,644.6
01/13/2023 09:00:00 PM	34.7	2.9	0	-
01/13/2023 10:00:00 PM	34.8	2.9	0	-
01/13/2023 11:00:00 PM	34.7	2.9	0	-
01/14/2023 12:00:00 AM	34.8	2.9	1,000,000.0	82,644.6
01/14/2023 01:00:00 AM	35.8	3.0	1,000,000.0	82,644.6
01/14/2023 02:00:00 AM	33.1	2.7	0	-
01/14/2023 03:00:00 AM	31.3	2.6	0	-
01/14/2023 04:00:00 AM	29.7	2.5	0	-
01/14/2023 05:00:00 AM	32.2	2.7	0	-
01/14/2023 06:00:00 AM	35.5	2.9	0	-
01/14/2023 07:00:00 AM	30.8	2.5	0	-
01/14/2023 08:00:00 AM	25.3	2.1	0	-
01/14/2023 09:00:00 AM	26.3	2.2	0	-
01/14/2023 10:00:00 AM	30.7	2.5	0	-
01/14/2023 11:00:00 AM	27.7	2.3	1,000,000.0	82,644.6
01/14/2023 12:00:00 PM	29.2	2.4	659,800.6	54,529.0
01/14/2023 01:00:00 PM	30.1	2.5	37.7	3.1
01/14/2023 02:00:00 PM	30.8	2.5	278,199.0	22,991.7
01/14/2023 03:00:00 PM	32.2	2.7	50,314.8	4,158.2
01/14/2023 04:00:00 PM	30.5	2.5	26.1	2.2
01/14/2023 05:00:00 PM	34.2	2.8	479,941.2	39,664.6
01/14/2023 06:00:00 PM	34.4	2.8	1,000,000.0	82,644.6
01/14/2023 07:00:00 PM	33.4	2.8	0	-
01/14/2023 08:00:00 PM	33.6	2.8	0	-
01/14/2023 09:00:00 PM	34.5	2.9	0	-
01/14/2023 10:00:00 PM	31.9	2.6	0	-
01/14/2023 11:00:00 PM	32.8	2.7	0	-
01/15/2023 12:00:00 AM	29.3	2.4	0	-
01/15/2023 01:00:00 AM	16.3	1.3	0	-
01/15/2023 02:00:00 AM	24.4	2.0	0	-
01/15/2023 03:00:00 AM	36.9	3.0	0	-
01/15/2023 04:00:00 AM	29.0	2.4	0	-
01/15/2023 05:00:00 AM	27.4	2.3	0	-
01/15/2023 06:00:00 AM	33.8	2.8	0	-
01/15/2023 07:00:00 AM	33.6	2.8	0	-
01/15/2023 08:00:00 AM	34.0	2.8	0	-
01/15/2023 09:00:00 AM	30.4	2.5	0	-
01/15/2023 10:00:00 AM	30.2	2.5	0	-
01/15/2023 11:00:00 AM	30.1	2.5	1,000,000.0	82,644.6
01/15/2023 12:00:00 PM	28.2	2.3	1,000,000.0	82,644.6
01/15/2023 01:00:00 PM	28.1	2.3	1,000,000.0	82,644.6
01/15/2023 02:00:00 PM	32.5	2.7	1,000,000.0	82,644.6
01/15/2023 03:00:00 PM	28.7	2.4	0	-
01/15/2023 04:00:00 PM	24.5	2.0	0	-
01/15/2023 05:00:00 PM	22.6	1.9	0	-



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Main River Section - Hourly Flow Averages

Start	01/09/2023 12:00:00 AM
End	01/16/2023 12:00:00 AM

Report Generated 01/16/2023 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
01/15/2023 06:00:00 PM	27.2	2.2	0	-
01/15/2023 07:00:00 PM	24.9	2.1	0	-
01/15/2023 08:00:00 PM	28.8	2.4	0	-
01/15/2023 09:00:00 PM	31.3	2.6	0	-
01/15/2023 10:00:00 PM	33.6	2.8	0	-
01/15/2023 11:00:00 PM	34.3	2.8	0	-
Average Flow:	23.72	327.40	478,753.81	2,215,720.12
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.