



Patterson Irrigation District

Main River Section - Hourly Flow Averages

Start	11/11/2024 12:00:00 AM
End	11/18/2024 12:00:00 AM

Report Generated 11/18/2024 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
11/11/2024 12:00:00 AM	46.3	3.8	57.7	4.8
11/11/2024 01:00:00 AM	50.6	4.2	62.2	5.1
11/11/2024 02:00:00 AM	46.8	3.9	58.2	4.8
11/11/2024 03:00:00 AM	49.5	4.1	61.3	5.1
11/11/2024 04:00:00 AM	48.8	4.0	59.9	5.0
11/11/2024 05:00:00 AM	50.9	4.2	62.0	5.1
11/11/2024 06:00:00 AM	50.3	4.2	58.3	4.8
11/11/2024 07:00:00 AM	53.9	4.5	67.4	5.6
11/11/2024 08:00:00 AM	54.2	4.5	66.7	5.5
11/11/2024 09:00:00 AM	61.2	5.1	74.1	6.1
11/11/2024 10:00:00 AM	63.8	5.3	70.7	5.8
11/11/2024 11:00:00 AM	59.7	4.9	70.3	5.8
11/11/2024 12:00:00 PM	61.9	5.1	82.0	6.8
11/11/2024 01:00:00 PM	64.6	5.3	86.3	7.1
11/11/2024 02:00:00 PM	61.0	5.0	74.6	6.2
11/11/2024 03:00:00 PM	56.1	4.6	67.2	5.6
11/11/2024 04:00:00 PM	59.6	4.9	71.2	5.9
11/11/2024 05:00:00 PM	58.0	4.8	70.1	5.8
11/11/2024 06:00:00 PM	55.5	4.6	65.8	5.4
11/11/2024 07:00:00 PM	58.8	4.9	71.3	5.9
11/11/2024 08:00:00 PM	58.2	4.8	70.6	5.8
11/11/2024 09:00:00 PM	57.5	4.8	68.0	5.6
11/11/2024 10:00:00 PM	57.4	4.7	70.3	5.8
11/11/2024 11:00:00 PM	57.9	4.8	69.0	5.7
11/12/2024 12:00:00 AM	58.0	4.8	69.8	5.8
11/12/2024 01:00:00 AM	57.9	4.8	69.3	5.7
11/12/2024 02:00:00 AM	58.4	4.8	70.9	5.9
11/12/2024 03:00:00 AM	64.1	5.3	74.6	6.2
11/12/2024 04:00:00 AM	66.2	5.5	77.7	6.4
11/12/2024 05:00:00 AM	66.4	5.5	77.4	6.4
11/12/2024 06:00:00 AM	68.4	5.7	79.9	6.6
11/12/2024 07:00:00 AM	68.5	5.7	79.9	6.6
11/12/2024 08:00:00 AM	61.6	5.1	71.5	5.9
11/12/2024 09:00:00 AM	68.7	5.7	78.5	6.5
11/12/2024 10:00:00 AM	61.2	5.1	74.1	6.1
11/12/2024 11:00:00 AM	57.9	4.8	71.9	5.9
11/12/2024 12:00:00 PM	63.3	5.2	81.7	6.8
11/12/2024 01:00:00 PM	58.7	4.8	79.9	6.6
11/12/2024 02:00:00 PM	56.3	4.7	75.1	6.2
11/12/2024 03:00:00 PM	60.5	5.0	76.3	6.3
11/12/2024 04:00:00 PM	58.7	4.8	72.4	6.0
11/12/2024 05:00:00 PM	56.5	4.7	68.6	5.7
11/12/2024 06:00:00 PM	57.0	4.7	70.4	5.8
11/12/2024 07:00:00 PM	57.7	4.8	69.6	5.8
11/12/2024 08:00:00 PM	57.8	4.8	69.8	5.8
11/12/2024 09:00:00 PM	56.1	4.6	67.2	5.6
11/12/2024 10:00:00 PM	57.1	4.7	69.6	5.8
11/12/2024 11:00:00 PM	57.5	4.7	68.4	5.7
11/13/2024 12:00:00 AM	56.8	4.7	67.1	5.5
11/13/2024 01:00:00 AM	56.7	4.7	69.4	5.7
11/13/2024 02:00:00 AM	56.7	4.7	68.1	5.6
11/13/2024 03:00:00 AM	57.6	4.8	66.1	5.5
11/13/2024 04:00:00 AM	56.7	4.7	62.5	5.2
11/13/2024 05:00:00 AM	57.7	4.8	63.7	5.3



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Main River Section - Hourly Flow Averages

Start	11/11/2024 12:00:00 AM
End	11/18/2024 12:00:00 AM

Report Generated 11/18/2024 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
11/13/2024 06:00:00 AM	59.0	4.9	68.4	5.7
11/13/2024 07:00:00 AM	61.8	5.1	70.9	5.9
11/13/2024 08:00:00 AM	60.3	5.0	63.7	5.3
11/13/2024 09:00:00 AM	60.4	5.0	58.1	4.8
11/13/2024 10:00:00 AM	60.5	5.0	49.3	4.1
11/13/2024 11:00:00 AM	60.2	5.0	49.0	4.0
11/13/2024 12:00:00 PM	62.5	5.2	58.2	4.8
11/13/2024 01:00:00 PM	61.8	5.1	59.8	4.9
11/13/2024 02:00:00 PM	60.2	5.0	59.9	5.0
11/13/2024 03:00:00 PM	60.5	5.0	63.8	5.3
11/13/2024 04:00:00 PM	61.3	5.1	53.8	4.4
11/13/2024 05:00:00 PM	59.3	4.9	52.1	4.3
11/13/2024 06:00:00 PM	59.7	4.9	52.8	4.4
11/13/2024 07:00:00 PM	65.7	5.4	77.7	6.4
11/13/2024 08:00:00 PM	63.1	5.2	77.5	6.4
11/13/2024 09:00:00 PM	62.3	5.2	69.8	5.8
11/13/2024 10:00:00 PM	64.5	5.3	77.6	6.4
11/13/2024 11:00:00 PM	64.4	5.3	77.0	6.4
11/14/2024 12:00:00 AM	62.0	5.1	71.9	5.9
11/14/2024 01:00:00 AM	64.6	5.3	74.8	6.2
11/14/2024 02:00:00 AM	62.2	5.1	74.2	6.1
11/14/2024 03:00:00 AM	61.0	5.0	73.3	6.1
11/14/2024 04:00:00 AM	61.9	5.1	74.0	6.1
11/14/2024 05:00:00 AM	61.2	5.1	74.1	6.1
11/14/2024 06:00:00 AM	60.6	5.0	73.5	6.1
11/14/2024 07:00:00 AM	62.1	5.1	75.9	6.3
11/14/2024 08:00:00 AM	67.1	5.5	78.4	6.5
11/14/2024 09:00:00 AM	65.6	5.4	77.5	6.4
11/14/2024 10:00:00 AM	64.6	5.3	81.0	6.7
11/14/2024 11:00:00 AM	68.9	5.7	84.1	7.0
11/14/2024 12:00:00 PM	67.2	5.6	84.2	7.0
11/14/2024 01:00:00 PM	64.6	5.3	81.4	6.7
11/14/2024 02:00:00 PM	65.3	5.4	86.2	7.1
11/14/2024 03:00:00 PM	65.6	5.4	91.3	7.5
11/14/2024 04:00:00 PM	65.8	5.4	84.9	7.0
11/14/2024 05:00:00 PM	63.0	5.2	78.1	6.5
11/14/2024 06:00:00 PM	60.4	5.0	77.8	6.4
11/14/2024 07:00:00 PM	64.1	5.3	77.1	6.4
11/14/2024 08:00:00 PM	62.6	5.2	74.2	6.1
11/14/2024 09:00:00 PM	61.6	5.1	74.8	6.2
11/14/2024 10:00:00 PM	64.6	5.3	77.2	6.4
11/14/2024 11:00:00 PM	64.6	5.3	78.0	6.4
11/15/2024 12:00:00 AM	61.0	5.0	72.6	6.0
11/15/2024 01:00:00 AM	63.1	5.2	72.8	6.0
11/15/2024 02:00:00 AM	65.9	5.4	77.7	6.4
11/15/2024 03:00:00 AM	62.4	5.2	73.7	6.1
11/15/2024 04:00:00 AM	61.5	5.1	72.9	6.0
11/15/2024 05:00:00 AM	62.9	5.2	76.9	6.4
11/15/2024 06:00:00 AM	61.9	5.1	73.2	6.1
11/15/2024 07:00:00 AM	59.8	4.9	72.3	6.0
11/15/2024 08:00:00 AM	38.3	3.2	48.0	4.0
11/15/2024 09:00:00 AM	48.1	4.0	54.3	4.5
11/15/2024 10:00:00 AM	56.2	4.6	71.6	5.9
11/15/2024 11:00:00 AM	45.5	3.8	68.7	5.7



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Main River Section - Hourly Flow Averages

Start	11/11/2024 12:00:00 AM
End	11/18/2024 12:00:00 AM

Report Generated 11/18/2024 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
11/15/2024 12:00:00 PM	45.7	3.8	67.3	5.6
11/15/2024 01:00:00 PM	50.6	4.2	65.9	5.4
11/15/2024 02:00:00 PM	35.1	2.9	58.6	4.8
11/15/2024 03:00:00 PM	41.3	3.4	64.9	5.4
11/15/2024 04:00:00 PM	38.3	3.2	51.8	4.3
11/15/2024 05:00:00 PM	22.5	1.9	42.5	3.5
11/15/2024 06:00:00 PM	0.7	0.1	15.5	1.3
11/15/2024 07:00:00 PM	1.1	0.1	13.6	1.1
11/15/2024 08:00:00 PM	1.7	0.1	9.8	0.8
11/15/2024 09:00:00 PM	0.4	0.0	4.9	0.4
11/15/2024 10:00:00 PM	0.1	0.0	4.6	0.4
11/15/2024 11:00:00 PM	0.1	0.0	6.4	0.5
11/16/2024 12:00:00 AM	-0.1	-0.0	7.4	0.6
11/16/2024 01:00:00 AM	error	-	8.6	0.7
11/16/2024 02:00:00 AM	error	-	7.3	0.6
11/16/2024 03:00:00 AM	-0.0	-0.0	7.5	0.6
11/16/2024 04:00:00 AM	-0.1	-0.0	7.6	0.6
11/16/2024 05:00:00 AM	error	-	8.1	0.7
11/16/2024 06:00:00 AM	error	-	8.1	0.7
11/16/2024 07:00:00 AM	0.1	0.0	7.9	0.6
11/16/2024 08:00:00 AM	0.2	0.0	5.9	0.5
11/16/2024 09:00:00 AM	error	-	2.9	0.2
11/16/2024 10:00:00 AM	error	-	2.2	0.2
11/16/2024 11:00:00 AM	error	-	2.0	0.2
11/16/2024 12:00:00 PM	error	-	1.9	0.2
11/16/2024 01:00:00 PM	error	-	2.0	0.2
11/16/2024 02:00:00 PM	error	-	1.5	0.1
11/16/2024 03:00:00 PM	error	-	1.5	0.1
11/16/2024 04:00:00 PM	error	-	3.0	0.2
11/16/2024 05:00:00 PM	error	-	1.9	0.2
11/16/2024 06:00:00 PM	error	-	error	-
11/16/2024 07:00:00 PM	error	-	error	-
11/16/2024 08:00:00 PM	error	-	error	-
11/16/2024 09:00:00 PM	error	-	error	-
11/16/2024 10:00:00 PM	error	-	error	-
11/16/2024 11:00:00 PM	error	-	error	-
11/17/2024 12:00:00 AM	error	-	error	-
11/17/2024 01:00:00 AM	error	-	error	-
11/17/2024 02:00:00 AM	error	-	error	-
11/17/2024 03:00:00 AM	error	-	error	-
11/17/2024 04:00:00 AM	error	-	error	-
11/17/2024 05:00:00 AM	error	-	error	-
11/17/2024 06:00:00 AM	error	-	error	-
11/17/2024 07:00:00 AM	error	-	error	-
11/17/2024 08:00:00 AM	error	-	error	-
11/17/2024 09:00:00 AM	error	-	2.9	0.2
11/17/2024 10:00:00 AM	error	-	error	-
11/17/2024 11:00:00 AM	error	-	0.7	0.1
11/17/2024 12:00:00 PM	error	-	1.5	0.1
11/17/2024 01:00:00 PM	error	-	1.2	0.1
11/17/2024 02:00:00 PM	error	-	1.5	0.1
11/17/2024 03:00:00 PM	error	-	2.7	0.2
11/17/2024 04:00:00 PM	error	-	3.4	0.3
11/17/2024 05:00:00 PM	error	-	1.8	0.1



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Main River Section - Hourly Flow Averages

Start	11/11/2024 12:00:00 AM
End	11/18/2024 12:00:00 AM

Report Generated 11/18/2024 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
11/17/2024 06:00:00 PM	error	-	error	-
11/17/2024 07:00:00 PM	error	-	error	-
11/17/2024 08:00:00 PM	error	-	error	-
11/17/2024 09:00:00 PM	error	-	error	-
11/17/2024 10:00:00 PM	error	-	error	-
11/17/2024 11:00:00 PM	error	-	error	-
Average Flow:	53.62	553.92	55.87	674.16
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.