



Patterson Irrigation District

Monthly Reservoir Operations Report

Start	04/01/2021 12:00:00 AM
End	05/01/2021 12:00:00 AM

Report Generated 05/03/2021 06:00:00 AM

Lateral 3S Reservoir - Daily Flow Report (AF)

Date	Reservoir Inflow (AF)	Alfalfa Station (AF)	L3S Lateral Pump Flow (AF) *	Combine Inflow (AF)	Gate 1 Flow (AF)*	Gate 2 Flow (AF)*	Combined Outflow (AF)*	Net Reservoir Flow (AF)**	12 Hr Predicted Change in Storage (AF)
04/01/2021 12...	-	0.1	-	0.1	-	107.1	107.1	-107.0	-4.91
04/02/2021 12...	-	-	-	-	-	105.7	105.7	-	-4.06
04/03/2021 12...	-	-	-	-	-	51.9	51.9	-	-2.81
04/04/2021 12...	-	-	-	-	-	77.0	77.0	-	-3.80
04/05/2021 12...	-	-	-	-	-	120.5	120.5	-	-3.85
04/06/2021 12...	-	-	-	-	-	95.0	95.0	-	-2.46
04/07/2021 12...	-	-	-	-	-	94.2	94.2	-	-3.40
04/08/2021 12...	-	-	-	-	-	114.8	114.8	-	-9.33
04/09/2021 12...	-	0.2	-	0.2	-	245.1	245.1	-244.9	-11.47
04/10/2021 12...	-	0.5	-	0.5	0.0	196.9	196.9	-196.4	0.00
04/11/2021 12...	-	-	-	-	-	34.5	34.5	-	-2.65
04/12/2021 12...	-	-	-	-	-	100.3	100.3	-	-4.37
04/13/2021 12...	-	-	-	-	0.0	98.8	98.8	-	-2.83
04/14/2021 12...	-	-	-	-	-	118.2	118.2	-	-3.18
04/15/2021 12...	-	-	-	-	3.9	42.3	46.2	-	-0.01
04/16/2021 12...	-	-	-	-	27.6	28.4	56.0	-	-5.36
04/17/2021 12...	-	-	-	-	61.4	63.0	124.3	-	-5.72
04/18/2021 12...	-	-	-	-	59.5	60.2	119.6	-	-4.11
04/19/2021 12...	-	0.6	-	0.6	58.6	57.1	115.7	-115.1	-5.77
04/20/2021 12...	-	1.2	-	1.2	96.4	97.1	193.5	-192.3	-3.64
04/21/2021 12...	-	-	-	-	47.4	46.7	94.1	-	-4.46
04/22/2021 12...	-	-	-	-	69.4	68.1	137.5	-	-3.73
04/23/2021 12...	-	-	-	-	78.3	79.0	157.2	-	-6.87
04/24/2021 12...	-	-	-	-	80.0	82.0	162.0	-	-8.37
04/25/2021 12...	-	-	-	-	67.8	64.7	132.5	-	-5.51
04/26/2021 12...	-	-	-	-	53.4	53.3	106.7	-	-4.76
04/27/2021 12...	-	-	-	-	49.0	49.5	98.5	-	-2.76
04/28/2021 12...	-	1.6	-	1.6	75.0	74.4	149.4	-147.8	-2.89
04/29/2021 12...	-	2.6	0.0	2.6	37.0	138.8	175.8	-173.2	-3.08
04/30/2021 12...	-	3.4	-	3.4	-	154.6	154.6	-151.2	-1.28
Total Flow:	-	10.2	0.0	10.2	864.4	2,719.2	3,583.7	-1,328.0	

*Flow total is calculated using the average daily flow rate in CFS.

** Daily Inflow Total - Daily Outflow Total



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Start	04/01/2021 12:00:00 AM
End	05/01/2021 12:00:00 AM

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Date	Lateral 1 Pump Flow (AF)	Lateral 3N Gate Flow (AF)	Combined Inflow (AF)	Lateral 1 Gate Flow (AF)	Lateral 3 Pump Flow (AF)	Combined Outflow (AF)	Net Flow (AF)*	12 Hour Change in Storage
04/01/2021 12:0...	-	24.6	24.6	-	20.1	20.1	4.6	0.0
04/02/2021 12:0...	-	23.1	23.1	-	14.5	14.5	8.7	0.0
04/03/2021 12:0...	-	28.9	28.9	-	14.2	14.2	14.7	0.0
04/04/2021 12:0...	-	21.4	21.4	-	12.3	12.3	9.1	0.1
04/05/2021 12:0...	0.9	38.6	39.5	45.2	2.1	47.3	-7.8	0.0
04/06/2021 12:0...	3.9	51.0	54.8	31.1	3.0	34.0	20.8	0.4
04/07/2021 12:0...	9.1	67.0	76.1	47.3	1.1	48.4	27.7	1.0
04/08/2021 12:0...	0.4	54.5	54.9	42.1	-	42.1	12.7	0.0
04/09/2021 12:0...	2.9	87.0	89.9	51.1	-	51.1	38.7	0.1
04/10/2021 12:0...	-	97.7	97.7	50.5	-	50.5	47.2	0.0
04/11/2021 12:0...	24.7	45.3	69.9	8.1	0.4	8.5	61.4	0.0
04/12/2021 12:0...	13.9	49.2	63.1	6.7	2.0	8.7	54.5	0.2
04/13/2021 12:0...	20.9	20.6	41.6	0.2	23.7	23.9	17.6	0.2
04/14/2021 12:0...	17.6	41.2	58.8	0.6	7.3	7.9	50.8	-
04/15/2021 12:0...	23.3	69.2	92.5	6.4	-	6.4	86.1	0.4
04/16/2021 12:0...	30.3	22.6	52.9	0.9	31.2	32.1	20.9	0.3
04/17/2021 12:0...	4.5	33.4	38.0	0.2	1.7	2.0	36.0	-
04/18/2021 12:0...	-	8.3	8.3	0.1	10.4	10.5	-2.1	0.1
04/19/2021 12:0...	-	5.6	5.6	-	40.0	40.0	-34.3	2.6
04/20/2021 12:0...	-	11.7	11.7	0.3	26.0	26.2	-14.5	0.8
04/21/2021 12:0...	-	5.8	5.8	-	23.5	23.5	-17.7	0.0
04/22/2021 12:0...	-	0.5	0.5	0.2	51.8	52.0	-51.5	1.2
04/23/2021 12:0...	-	1.3	1.3	0.2	57.2	57.4	-56.1	1.1
04/24/2021 12:0...	-	6.8	6.8	-	28.7	28.7	-21.9	0.2
04/25/2021 12:0...	-	34.7	34.7	-	3.3	3.3	31.4	1.9
04/26/2021 12:0...	-	20.6	20.6	-	8.0	8.0	12.6	2.4
04/27/2021 12:0...	-	20.5	20.5	-	6.8	6.8	13.7	1.2
04/28/2021 12:0...	-	51.4	51.4	-	0.5	0.5	50.8	0.2
04/29/2021 12:0...	0.0	23.0	23.0	0.1	31.6	31.7	-8.6	0.0
04/30/2021 12:0...	-	8.2	8.2	-	16.4	16.4	-8.2	1.5
Total Flow:	152.4	973.7	1,126.1	291.3	437.7	729.0	397.1	0.57
							Average:	0.57

*Flow total is calculated using the average daily flow rate in CFS.

** Daily Inflow Total - Daily Outflow Total