



Patterson Irrigation District

Monthly Reservoir Operations Report

Start	03/01/2021 12:00:00 AM
End	04/01/2021 12:00:00 AM

Report Generated 04/23/2021 11:48:16 AM

Lateral 3S Reservoir - Daily Flow Report (AF)

Date	Reservoir Inflow (AF)	Alfalfa Station (AF)	Marshall 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)**	Reservoir Level Change
03/01/2021 ...	-	-	-	10.5	10.5	56.0	0.1	56.1	-	0.97
03/02/2021 ...	-	-	-	22.3	22.3	20.9	98.0	118.9	-	0.28
03/03/2021 ...	-	-	-	33.3	33.3	0.0	123.5	123.5	-	0.36
03/04/2021 ...	-	-	-	45.3	45.3	-	151.7	151.7	-	0.38
03/05/2021 ...	-	-	-	56.6	56.6	-	169.4	169.4	-	0.27
03/06/2021 ...	-	-	-	78.5	78.5	0.4	159.9	160.2	-	0.22
03/07/2021 ...	-	-	-	97.2	97.2	0.1	139.0	139.1	-	-0.08
03/08/2021 ...	-	-	-	110.8	110.8	0.0	35.9	35.9	-	0.52
03/09/2021 ...	-	-	-	125.6	125.6	17.3	38.9	56.2	-	0.66
03/10/2021 ...	-	-	-	151.6	151.6	15.4	21.1	36.5	-	0.20
03/11/2021 1...	-	-	-	178.3	178.3	-	0.2	0.2	-	-0.22
03/12/2021 ...	-	-	-	205.2	205.2	-	0.5	0.5	-	-0.21
03/13/2021 ...	-	-	-	232.7	232.7	-	0.4	0.4	-	-0.21
03/14/2021 ...	-	-	-	259.6	259.6	-	0.5	0.5	-	-0.19
03/15/2021 ...	-	-	-	279.5	279.5	3.6	100.9	104.5	-	-0.70
03/16/2021 ...	-	-	-	290.2	290.2	4.7	73.2	77.9	-	-0.11
03/17/2021 ...	-	-	-	302.0	302.0	15.9	59.7	75.7	-	0.18
03/18/2021 ...	-	-	-	318.2	318.2	17.0	24.9	41.9	-	0.39
03/19/2021 ...	-	-	-	330.1	330.1	13.2	-	13.2	-	0.28
03/20/2021 ...	-	-	-	343.6	343.6	15.9	0.5	16.4	-	0.13
03/21/2021 ...	-	-	-	369.8	369.8	16.5	0.4	16.9	-	0.11
03/22/2021 ...	-	-	-	384.4	384.4	15.4	57.2	72.6	-	-0.23
03/23/2021 ...	-	-	-	395.8	395.8	2.9	70.5	73.4	-	0.10
03/24/2021 ...	-	-	-	406.9	406.9	0.4	112.3	112.7	-	-0.17
03/25/2021 ...	-	-	-	417.8	417.8	-	106.9	106.9	-	-0.13
03/26/2021 ...	-	-	-	428.8	428.8	-	99.3	99.3	-	0.22
03/27/2021 ...	-	-	-	439.2	439.2	0.0	104.2	104.2	-	0.16
03/28/2021 ...	-	-	-	449.0	449.0	-	155.0	155.0	-	-0.37
03/29/2021 ...	-	-	-	460.0	460.0	-	183.6	183.6	-	-0.40
03/30/2021 ...	-	0.3	-	469.6	469.9	-	142.1	142.1	-	0.28
03/31/2021 ...	-	0.6	-	480.0	480.6	-	79.0	79.0	-	0.48
Total Flow:	-	0.9	-	8,172.4	8,173.3	215.6	2,308.8	2,524.4	-	

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

** Daily Inflow Total - Daily Outflow Total



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Lateral 2N Reservoir - Daily Flow Report (AF)

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
03/01/2021 12:0...	-	1.5	1.5	-	93.8	93.8	-92.3	0.4
03/02/2021 12:0...	-	0.0	0.0	-	108.7	108.7	-108.7	0.8
03/03/2021 12:0...	-	0.1	0.1	-	73.7	73.7	-73.5	0.0
03/04/2021 12:0...	-	5.6	5.6	-	25.5	25.5	-19.8	-
03/05/2021 12:0...	-	1.8	1.8	-	90.0	90.0	-88.2	1.8
03/06/2021 12:0...	-	14.0	14.0	-	84.4	84.4	-70.4	0.1
03/07/2021 12:0...	-	0.4	0.4	-	32.7	32.7	-32.3	0.2
03/08/2021 12:0...	-	0.2	0.2	-	63.6	63.6	-63.4	4.9
03/09/2021 12:0...	-	20.9	20.9	-	33.7	33.7	-12.7	0.2
03/10/2021 12:0...	-	11.2	11.2	-	0.0	0.0	11.2	1.0
03/11/2021 12:0...	-	0.3	0.3	-	0.1	0.1	0.2	0.6
03/12/2021 12:0...	-	0.2	0.2	-	0.3	0.3	-0.1	1.9
03/13/2021 12:0...	-	0.1	0.1	-	0.1	0.1	-0.0	1.5
03/14/2021 12:0...	-	0.2	0.2	-	0.1	0.1	0.1	0.0
03/15/2021 12:0...	-	0.3	0.3	-	0.6	0.6	-0.3	0.7
03/16/2021 12:0...	-	0.4	0.4	-	0.2	0.2	0.2	-
03/17/2021 12:0...	-	0.2	0.2	-	0.1	0.1	0.1	0.7
03/18/2021 12:0...	-	1.3	1.3	-	13.2	13.2	-11.9	1.0
03/19/2021 12:0...	-	1.8	1.8	-	46.5	46.5	-44.7	5.1
03/20/2021 12:0...	-	0.5	0.5	-	78.6	78.6	-78.1	1.9
03/21/2021 12:0...	-	8.5	8.5	-	32.7	32.7	-24.2	4.2
03/22/2021 12:0...	-	5.7	5.7	-	44.4	44.4	-38.7	0.1
03/23/2021 12:0...	-	32.2	32.2	-	7.5	7.5	24.7	0.0
03/24/2021 12:0...	-	11.8	11.8	-	13.5	13.5	-1.7	0.2
03/25/2021 12:0...	-	68.8	68.8	-	4.7	4.7	64.0	0.3
03/26/2021 12:0...	-	69.6	69.6	-	1.2	1.2	68.4	0.0
03/27/2021 12:0...	-	21.8	21.8	-	17.4	17.4	4.5	0.0
03/28/2021 12:0...	-	15.2	15.2	-	21.6	21.6	-6.3	1.5
03/29/2021 12:0...	-	18.4	18.4	-	13.5	13.5	4.9	0.1
03/30/2021 12:0...	0.0	14.5	14.5	0.0	23.0	23.0	-8.5	0.1
03/31/2021 12:0...	-	9.3	9.3	-	21.1	21.1	-11.8	0.6
Total Flow:	0.0	337.0	337.0	0.0	946.3	946.3	-609.3	
							Average:	1.03

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

** Daily Inflow Total - Daily Outflow Total