

**ROC on LTO CalSimII Simulation Results - COS**

**North-of-Delta Deliveries to CVP Ag Service Contractors in TAF**

SIMULATED

WATER

YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1922	4.9	0.0	0.0	0.0	0.0	0.5	44.3	57.9	72.6	82.4	66.2	32.1
1923	1.0	0.0	0.0	0.0	0.0	5.2	14.7	30.8	34.1	42.1	34.0	9.2
1924	4.6	0.4	0.0	0.0	0.0	2.7	13.3	14.9	16.6	18.6	14.9	7.2
1925	0.0	0.0	0.0	0.0	0.0	0.0	10.0	35.6	51.6	66.2	53.0	20.9
1926	9.9	0.0	0.0	0.0	0.0	1.4	3.3	17.2	25.7	29.0	22.7	11.2
1927	1.4	0.0	0.0	0.0	0.0	0.5	34.4	59.2	69.8	87.0	70.3	33.8
1928	1.7	0.0	0.0	0.0	0.0	0.0	13.0	34.3	42.7	48.7	39.3	18.7
1929	6.8	0.0	0.0	0.0	0.0	0.6	14.1	20.8	18.2	25.9	20.9	10.1
1930	4.0	0.6	0.0	0.0	0.0	0.0	3.1	8.8	13.0	14.7	11.9	4.7
1931	1.9	0.0	0.0	0.0	0.0	3.0	10.9	10.2	11.8	15.6	12.6	6.0
1932	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1933	0.0	0.0	0.0	0.0	0.0	1.3	11.6	11.4	13.9	15.7	12.7	6.1
1934	1.4	0.4	0.0	0.0	0.0	0.3	10.1	15.1	17.7	20.9	16.9	6.6
1935	0.0	0.0	0.0	0.0	0.0	0.0	0.5	15.1	23.3	26.1	21.1	9.8
1936	1.6	0.1	0.0	0.0	0.0	0.2	12.9	29.3	33.7	46.5	37.7	17.1
1937	6.9	1.1	0.0	0.0	0.0	0.0	11.4	30.6	33.5	42.4	34.4	16.6
1938	1.4	0.0	0.0	0.0	0.0	0.0	16.7	56.2	81.2	91.3	73.8	28.5
1939	4.6	0.1	0.0	0.0	4.4	17.2	39.3	33.1	44.2	49.3	40.2	15.2
1940	5.0	1.0	0.0	0.0	0.0	0.0	17.0	41.9	57.9	66.2	53.5	24.8
1941	1.3	0.0	0.0	0.0	0.0	0.0	6.8	36.7	77.4	91.8	74.2	35.3
1942	2.5	0.0	0.0	0.0	0.0	0.0	7.3	45.3	81.4	93.5	75.5	35.4
1943	11.4	0.0	0.0	0.0	0.0	0.1	14.6	51.9	55.3	63.9	51.9	25.0
1944	8.2	0.2	0.0	0.0	0.0	0.4	6.8	10.8	14.9	17.9	14.5	7.0
1945	1.7	0.0	0.0	0.0	0.0	0.0	17.1	26.9	38.4	49.2	39.7	19.1
1946	0.1	0.0	0.0	0.0	0.0	1.0	37.4	58.2	56.8	62.6	51.6	24.1
1947	8.8	0.0	0.0	0.0	0.0	0.0	13.3	20.6	22.4	30.2	24.3	11.9
1948	0.1	0.0	0.0	0.0	0.5	1.0	2.8	28.0	47.7	69.7	56.2	23.3
1949	5.1	0.4	0.0	0.0	0.0	0.0	18.1	37.2	45.4	51.2	41.2	19.6
1950	8.3	0.1	0.0	0.0	0.0	0.3	17.5	24.7	28.5	32.8	26.5	11.7
1951	0.3	0.0	0.0	0.0	0.0	1.5	37.5	48.6	64.7	73.2	59.0	28.1
1952	0.5	0.0	0.0	0.0	0.0	0.0	27.2	59.7	67.1	86.0	70.4	33.3
1953	13.3	0.0	0.0	0.0	0.0	3.0	27.2	55.4	71.7	87.8	64.6	34.4
1954	10.4	0.0	0.0	0.0	0.0	0.0	18.2	59.1	67.8	80.3	56.6	30.6
1955	10.5	0.0	0.0	0.0	0.0	3.2	14.3	24.7	29.0	32.8	26.5	10.7
1956	3.9	0.0	0.0	0.0	0.0	5.3	38.5	47.6	71.6	86.8	70.2	29.9
1957	5.5	1.6	0.0	0.0	0.0	3.5	30.2	47.0	57.8	65.0	52.8	9.7
1958	0.0	0.2	0.0	0.0	0.0	0.0	7.9	41.9	73.3	90.2	75.5	35.8
1959	12.9	1.6	0.0	0.0	0.0	1.7	34.6	52.7	49.5	55.8	43.9	9.0
1960	9.0	1.3	0.0	0.0	0.0	0.0	13.9	21.3	30.1	33.9	27.4	13.1

1961	4.6	0.0	0.0	0.0	0.0	0.0	14.7	27.7	34.1	41.3	32.8	13.8
1962	5.9	0.0	0.0	0.0	0.0	0.0	27.6	53.6	52.8	63.3	50.6	23.4
1963	0.0	0.0	0.0	0.0	0.0	0.0	6.3	46.5	81.0	93.9	75.8	36.1
1964	2.5	0.0	0.0	0.0	0.0	3.2	20.9	22.3	23.3	28.7	22.8	9.5
1965	1.1	0.0	0.0	0.0	0.0	2.6	12.0	53.4	55.1	62.5	41.4	24.3
1966	10.1	0.0	0.0	0.0	0.0	1.4	33.4	53.5	50.6	56.8	45.8	21.8
1967	9.3	0.0	0.0	0.0	0.0	0.1	7.3	53.7	62.0	92.4	74.6	35.4
1968	12.7	0.0	0.0	0.0	0.0	0.1	24.9	49.5	46.6	58.9	40.7	22.8
1969	3.9	0.0	0.0	0.0	0.0	0.1	31.4	63.0	71.9	84.2	68.2	32.3
1970	5.4	0.2	0.0	0.0	0.0	0.1	25.2	48.8	42.5	53.1	42.9	20.6
1971	3.9	0.0	0.0	0.0	0.0	2.6	42.6	48.5	56.1	66.0	53.1	24.5
1972	9.5	0.1	0.0	0.0	0.2	8.5	21.0	24.5	28.3	33.5	27.1	9.9
1973	0.1	0.0	0.0	0.0	0.0	0.0	28.6	60.8	68.8	77.5	62.6	28.4
1974	1.2	0.0	0.0	0.0	0.0	0.0	19.7	63.1	80.4	77.1	74.5	36.1
1975	3.8	0.1	0.0	0.0	0.0	0.0	23.0	62.5	78.1	84.9	69.2	34.2
1976	0.6	0.2	0.0	0.0	4.3	7.2	10.2	13.7	15.0	16.9	11.7	5.6
1977	2.5	0.1	0.0	0.0	0.4	4.5	13.2	8.2	14.6	16.6	13.5	4.0
1978	2.3	0.0	0.0	0.0	0.0	0.0	9.1	57.3	81.2	91.6	73.8	26.9
1979	14.9	0.0	0.0	0.0	0.0	0.0	13.9	31.9	40.7	45.8	36.0	16.2
1980	0.8	0.0	0.0	0.0	0.0	0.0	22.8	55.4	58.7	72.1	58.9	27.7
1981	9.4	0.8	0.0	0.0	0.0	0.0	14.7	43.4	54.5	61.4	49.7	20.4
1982	0.4	0.0	0.0	0.0	0.0	0.0	12.0	58.0	69.4	93.5	75.8	21.9
1983	0.0	0.0	0.0	0.0	0.0	0.0	7.4	50.3	77.3	94.2	72.5	28.6
1984	10.2	0.0	0.0	0.0	0.0	1.9	39.6	63.8	59.5	68.6	51.8	25.9
1985	2.5	0.0	0.0	0.0	0.0	0.0	22.5	40.7	48.2	54.9	43.9	13.4
1986	5.4	0.0	0.0	0.0	0.0	0.0	12.1	29.3	40.5	45.6	36.9	11.9
1987	6.6	0.8	0.0	0.0	0.0	0.0	11.9	16.8	19.3	21.6	17.5	8.4
1988	2.2	0.0	0.0	0.0	0.0	1.9	7.7	9.8	13.1	16.4	13.3	6.4
1989	2.5	0.0	0.0	0.0	0.3	0.0	17.4	31.7	34.4	41.7	33.4	1.8
1990	0.9	0.1	0.0	0.0	0.0	1.5	10.8	6.3	13.7	15.5	11.9	5.7
1991	2.2	0.1	0.0	0.0	0.2	0.0	7.2	17.6	23.7	28.4	23.0	11.0
1992	3.6	0.1	0.0	0.0	0.0	0.0	2.2	5.9	6.3	8.4	6.8	3.3
1993	0.1	0.0	0.0	0.0	0.0	0.0	27.9	39.8	68.3	95.1	75.6	37.5
1994	7.1	0.0	0.0	0.0	0.0	2.0	31.9	33.0	54.0	61.1	49.4	23.4
1995	6.8	0.0	0.0	0.0	0.0	0.0	21.5	43.2	70.3	91.6	74.0	35.4
1996	14.8	1.9	0.0	0.0	0.0	0.0	23.3	34.6	79.7	93.3	75.7	33.9
1997	3.6	0.0	0.0	0.0	0.0	3.3	39.9	59.4	49.9	61.1	45.5	21.3
1998	5.3	0.0	0.0	0.0	0.0	0.0	16.1	14.8	72.3	95.8	77.5	34.6
1999	7.2	0.0	0.0	0.0	0.0	0.0	29.2	59.2	69.2	86.0	68.6	33.2
2000	11.5	0.0	0.0	0.0	0.0	0.0	21.0	44.8	73.3	91.0	74.3	30.5
2001	0.1	0.1	0.0	0.0	0.0	0.1	9.8	19.1	22.2	26.7	21.5	8.9
2002	2.4	0.0	0.0	0.0	0.0	2.1	37.7	44.8	50.3	56.7	45.8	22.0
2003	9.3	0.0	0.0	0.0	0.0	0.0	10.8	43.5	81.5	94.1	66.2	36.6

	Full Year		Allocation	End-of-April (May 1st) Shasta Storage Volume (TAF)
Oct-Apr	Mar-Feb			
TOT	TOT	PCT		
49.7	357.1	100%		4552.0
21.0	175.2	49%		3743.1
20.9	88.2	25%		2500.0
10.0	247.1	69%		4202.8
14.6	112.0	31%		3896.7
36.4	356.8	100%		4552.0
14.7	203.5	57%		4536.7
21.5	115.0	32%		2771.1
7.7	58.1	16%		2916.8
15.8	72.1	20%		1860.3
1.9	0.0	0%		1787.3
12.9	74.6	21%		1716.4
12.1	87.6	25%		1640.1
0.5	97.6	27%		2701.3
14.9	185.4	52%		4126.4
19.4	170.2	48%		4047.6
18.1	356.8	100%		4058.0
65.5	244.5	68%		3617.4
23.0	262.6	74%		4211.6
8.0	324.7	91%		4456.0
9.9	349.9	98%		4510.0
26.1	271.0	76%		4552.0
15.6	74.0	21%		3187.8
18.8	190.6	53%		4155.4
38.4	300.5	84%		4552.0
22.2	123.4	35%		3390.0
4.4	234.2	66%		4304.8
23.5	221.0	62%		4435.9
26.1	142.2	40%		4233.7
39.3	313.1	88%		4516.5
27.7	357.0	100%		4290.0
43.5	354.5	99%		4552.0
28.6	323.1	91%		4546.0
28.0	145.1	41%		3901.0
47.7	356.9	100%		4526.0
40.8	266.2	75%		4535.8
8.1	339.0	95%		4173.0
50.8	257.6	72%		4403.0
24.2	144.2	40%		4173.0

19.3	170.4	48%	4552.0
33.6	271.4	76%	4552.0
6.3	342.1	96%	4137.0
26.6	131.6	37%	3746.6
15.6	261.5	73%	4500.0
44.9	272.7	76%	4552.0
16.7	338.2	95%	4479.0
37.6	247.2	69%	4387.3
35.4	356.9	100%	4434.0
30.9	236.9	66%	4291.1
49.0	303.0	85%	4470.4
39.1	152.9	43%	4552.0
28.7	327.9	92%	4464.5
20.9	354.7	99%	4289.0
26.9	357.0	100%	4449.7
22.5	83.3	23%	3878.5
20.8	77.1	22%	1944.7
11.4	354.7	99%	4552.0
28.8	185.2	52%	4053.4
23.6	305.8	86%	4390.5
24.8	244.4	68%	4273.5
12.4	330.6	93%	4094.0
7.4	340.5	95%	4074.0
51.8	313.5	88%	4552.0
25.0	229.0	64%	3952.7
17.5	183.6	51%	4012.6
19.3	97.7	27%	3623.0
11.8	71.3	20%	3432.6
20.1	161.3	45%	4257.5
13.2	67.9	19%	3256.0
9.7	114.8	32%	2608.7
5.9	33.0	9%	2746.1
28.1	351.4	98%	4552.0
41.0	261.6	73%	3428.3
28.3	352.7	99%	4216.8
40.0	344.1	96%	4477.1
46.8	285.7	80%	4284.2
21.4	318.2	89%	4367.8
36.3	357.0	100%	4552.1
32.5	335.1	94%	4550.5
10.1	110.6	31%	3754.8
42.1	268.7	75%	4552.1
20.0			4552.1

ROC on LTO CalSimII Simulation

North-of-Delta Deliveries to CVP Ag Service Contra

SIMULATED		Allocation/Contract Year											
WATER													
YEAR	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1922	4.9	0.0	0.0	0.0	0.0	0.5	44.3	57.9	72.6	82.4	66.2	32.1	
1923	1.0	0.0	0.0	0.0	0.0	9.2	26.2	62.8	61.7	76.1	61.4	16.5	
1924	8.3	0.7	0.0	0.0	0.0	3.0	14.9	16.8	18.6	20.9	16.8	8.1	
1925	0.0	0.0	0.0	0.0	0.0	0.0	10.7	42.1	67.1	86.0	68.9	27.1	
1926	12.9	0.0	0.0	0.0	0.0	1.5	3.4	17.8	26.7	30.1	23.6	11.6	
1927	1.5	0.0	0.0	0.0	0.0	0.5	34.4	59.2	69.8	87.0	70.3	33.8	
1928	1.7	0.0	0.0	0.0	0.0	0.0	13.1	36.1	44.8	51.1	41.3	19.7	
1929	7.1	0.0	0.0	0.0	0.0	0.9	20.3	29.9	26.2	37.3	30.2	14.5	
1930	5.7	0.9	0.0	0.0	0.0	0.0	5.1	13.9	20.6	23.2	18.7	7.5	
1931	3.0	0.0	0.0	0.0	0.0	3.6	12.9	12.1	14.0	18.5	14.9	7.1	
1932	2.2	0.0	0.0	0.0	0.0	0.1	0.7	0.9	1.2	1.4	1.1	0.5	
1933	0.2	0.0	0.0	0.0	0.0	1.4	13.0	12.7	15.5	17.6	14.2	6.8	
1934	1.5	0.4	0.0	0.0	0.0	0.3	11.3	16.9	19.8	23.4	19.0	0.8	
1935	0.0	0.0	0.0	0.0	0.0	0.0	0.6	16.8	25.8	29.0	23.4	10.8	
1936	1.7	0.2	0.0	0.0	0.0	0.2	13.5	30.7	35.4	48.7	39.5	17.9	
1937	7.2	1.1	0.0	0.0	0.0	0.0	11.6	31.3	34.2	43.4	35.1	16.9	
1938	1.4	0.0	0.0	0.0	0.0	0.0	16.7	56.2	81.2	91.3	73.8	28.5	
1939	4.6	0.1	0.0	0.0	4.4	19.9	43.7	36.6	49.6	55.1	45.2	17.2	
1940	5.8	1.3	0.0	0.0	0.0	0.0	18.0	48.4	61.4	70.3	56.8	26.3	
1941	1.3	0.0	0.0	0.0	0.0	0.0	6.8	36.7	77.4	91.8	74.2	35.3	
1942	2.5	0.0	0.0	0.0	0.0	0.0	7.3	45.3	81.4	93.5	75.5	35.4	
1943	11.4	0.0	0.0	0.0	0.0	0.1	17.2	58.9	65.1	75.1	61.0	29.4	
1944	9.6	0.2	0.0	0.0	0.0	0.8	12.3	20.3	27.8	33.5	27.1	13.0	
1945	3.1	0.0	0.0	0.0	0.0	0.0	25.3	50.2	56.7	72.6	58.6	28.2	
1946	0.1	0.0	0.0	0.0	0.0	1.1	45.2	58.2	68.7	75.7	62.4	29.1	
1947	10.7	0.0	0.0	0.0	0.0	0.0	18.1	28.0	30.4	41.0	33.0	16.1	
1948	0.2	0.0	0.0	0.0	0.7	1.8	3.7	30.7	61.3	89.6	72.1	29.7	
1949	6.2	0.5	0.0	0.0	0.0	0.0	21.4	43.9	53.6	60.5	48.7	23.1	
1950	9.8	0.1	0.0	0.0	0.0	0.2	17.2	24.2	27.9	32.2	26.0	11.4	
1951	0.3	0.0	0.0	0.0	0.0	1.6	42.0	48.6	72.5	82.1	66.2	31.5	
1952	0.5	0.0	0.0	0.0	0.0	0.0	27.2	59.7	67.1	86.0	70.4	33.3	
1953	13.3	0.0	0.0	0.0	0.0	3.7	28.0	55.4	71.7	87.8	64.6	34.4	
1954	10.4	0.0	0.0	0.0	0.0	0.0	18.7	59.1	71.3	84.4	59.5	32.2	
1955	11.1	0.0	0.0	0.0	0.0	3.6	15.9	27.6	32.3	36.6	29.6	12.0	
1956	4.4	0.0	0.0	0.0	0.0	5.3	38.5	47.6	71.6	86.8	70.2	29.9	
1957	5.5	1.6	0.0	0.0	0.0	4.1	32.3	54.1	67.1	75.7	61.2	11.2	
1958	0.0	0.2	0.0	0.0	0.0	0.0	7.9	41.9	73.3	90.2	75.5	35.8	
1959	12.9	1.6	0.0	0.0	0.0	2.2	44.2	63.1	63.4	71.4	56.2	11.6	
1960	11.5	1.7	0.0	0.0	0.0	0.0	11.1	17.1	24.1	27.2	22.0	10.5	

1961	3.7	0.0	0.0	0.0	0.0	0.0	16.4	30.8	37.8	45.8	36.4	15.3
1962	6.6	0.0	0.0	0.0	0.0	0.0	31.6	60.8	60.3	72.4	57.9	26.8
1963	0.0	0.0	0.0	0.0	0.0	0.0	6.3	46.5	80.9	93.8	75.8	36.1
1964	2.5	0.0	0.0	0.0	0.0	4.2	27.5	29.3	30.6	37.7	29.9	12.5
1965	1.4	0.0	0.0	0.0	0.0	2.7	12.4	61.5	64.6	73.3	48.6	28.5
1966	11.8	0.0	0.0	0.0	0.0	1.9	44.2	60.4	67.0	75.2	60.6	28.8
1967	12.4	0.0	0.0	0.0	0.0	0.1	7.3	53.7	62.0	92.4	74.7	35.4
1968	12.7	0.0	0.0	0.0	0.0	0.1	30.5	61.6	57.1	72.3	49.9	28.0
1969	4.8	0.0	0.0	0.0	0.0	0.1	31.4	63.0	71.9	84.2	68.2	32.3
1970	5.4	0.2	0.0	0.0	0.0	0.1	27.9	54.0	47.0	58.7	47.4	22.8
1971	4.3	0.0	0.0	0.0	0.0	3.3	51.5	48.5	67.9	79.9	64.3	29.6
1972	11.4	0.1	0.0	0.0	0.2	11.5	27.7	29.8	34.5	40.8	33.0	12.1
1973	0.2	0.0	0.0	0.0	0.0	0.0	31.7	60.8	76.3	85.9	69.4	31.5
1974	1.3	0.0	0.0	0.0	0.0	0.0	19.7	63.1	80.4	77.1	74.5	36.1
1975	3.8	0.1	0.0	0.0	0.0	0.0	23.0	62.5	78.1	84.9	69.2	34.2
1976	0.6	0.2	0.0	0.0	4.3	8.3	11.7	15.7	17.1	19.4	13.4	6.4
1977	2.9	0.1	0.0	0.0	0.4	4.6	13.3	8.3	14.7	16.7	13.6	4.1
1978	1.7	0.0	0.0	0.0	0.0	0.0	9.5	57.3	81.2	91.6	73.8	26.9
1979	14.9	0.0	0.0	0.0	0.0	0.0	19.2	52.8	56.2	63.2	49.7	22.3
1980	1.1	0.0	0.0	0.0	0.0	0.0	26.2	55.4	69.3	85.0	69.5	32.6
1981	11.0	0.9	0.0	0.0	0.0	0.0	19.7	54.4	73.2	82.5	66.8	27.4
1982	0.5	0.0	0.0	0.0	0.0	0.0	12.0	58.0	69.4	93.5	75.8	21.9
1983	0.0	0.0	0.0	0.0	0.0	0.0	7.4	50.3	77.3	94.2	72.5	28.6
1984	10.2	0.0	0.0	0.0	0.0	2.2	45.4	63.8	68.1	78.5	59.3	29.6
1985	2.8	0.0	0.0	0.0	0.0	0.0	26.5	63.4	56.8	64.5	51.6	15.8
1986	6.4	0.0	0.0	0.0	0.0	0.0	12.6	30.5	42.3	47.6	38.4	12.4
1987	6.9	0.8	0.0	0.0	0.0	0.1	22.0	31.0	35.5	39.8	32.2	15.4
1988	4.1	0.0	0.0	0.0	0.0	3.0	12.1	15.5	20.6	25.8	20.9	10.0
1989	3.9	0.0	0.0	0.0	0.4	0.0	19.1	34.8	37.8	45.8	36.7	1.9
1990	1.0	0.1	0.0	0.0	0.0	1.3	9.9	5.7	12.5	14.1	10.8	5.2
1991	2.0	0.1	0.0	0.0	0.1	0.0	7.3	17.8	24.0	28.8	23.3	11.1
1992	3.7	0.1	0.0	0.0	0.0	0.0	3.1	8.4	9.0	11.8	9.6	4.6
1993	0.2	0.0	0.0	0.0	0.0	0.0	27.9	39.8	68.3	95.1	75.6	37.5
1994	7.1	0.0	0.0	0.0	0.0	2.1	33.0	34.2	56.0	63.4	51.2	24.5
1995	7.3	0.0	0.0	0.0	0.0	0.0	21.5	43.2	70.3	91.6	74.0	35.4
1996	14.8	1.9	0.0	0.0	0.0	0.0	23.3	34.6	79.7	93.3	75.7	33.9
1997	3.6	0.0	0.0	0.0	0.0	3.9	46.8	59.4	58.5	71.8	53.4	25.0
1998	6.3	0.0	0.0	0.0	0.0	0.0	16.1	14.8	69.8	91.2	73.6	31.9
1999	6.4	0.0	0.0	0.0	0.0	0.0	29.2	59.2	69.2	86.0	68.6	33.2
2000	11.5	0.0	0.0	0.0	0.0	0.0	21.0	44.8	73.3	91.0	74.3	30.5
2001	0.1	0.1	0.0	0.0	0.0	0.1	13.0	25.1	29.2	35.2	28.4	11.7
2002	3.1	0.0	0.0	0.0	0.0	2.4	45.1	50.9	60.2	67.9	54.9	26.3
2003	11.1	0.0	0.0	0.0	0.0	0.0	10.8	43.5	81.5	94.1	66.2	36.6

Results - PA

Stores in TAF

Shasta Storage

Full Year		Allocation	End-of-April	Is May 1st storage < 4000 ?	Storage could have been boosted by a MAX of
Oct-Apr	Mar-Feb		(May 1st)		
TOT	TOT	PCT	Volume (TAF)		
49.7	357.1	100%	4552.0		
36.5	322.9	90%	4303.7		
27.0	99.2	28%	2520.9	Check	340.8
10.7	314.8	88%	4271.7		
17.7	116.1	33%	3888.7	Check	319.7
36.4	356.9	100%	4552.0		
14.8	213.2	60%	4536.7		
28.3	165.9	46%	3205.2	Check	21.2
11.6	92.0	26%	3229.9	Check	170.9
19.5	85.3	24%	2072.0	Check	274.4
3.0	6.2	2%	1884.3	Check	343.9
14.6	83.1	23%	1853.1	Check	363.7
13.6	91.6	26%	1667.0	Check	444.1
0.6	108.4	30%	2701.3	Check	524.0
15.7	194.4	54%	4133.1		
20.0	173.9	49%	4078.8		
18.2	356.8	100%	4058.0		
72.7	274.4	77%	3845.6	Check	356.8
25.0	282.6	79%	4211.6		
8.1	324.7	91%	4456.0		
9.9	349.9	98%	4510.0		
28.7	316.5	89%	4552.0		
22.9	137.8	39%	3750.6	Check	13.1
28.3	291.6	82%	4517.6		
46.4	351.1	98%	4552.0		
28.8	167.4	47%	3822.6	Check	18.1
6.3	295.7	83%	4405.4		
28.1	261.0	73%	4431.0		
27.3	139.4	39%	4117.0		
44.0	345.1	97%	4516.5		
27.8	357.0	100%	4290.0		
45.0	356.0	100%	4552.0		
29.1	336.3	94%	4546.0		
30.5	161.9	45%	4107.9		
48.1	356.9	100%	4526.0		
43.5	306.0	86%	4535.8		
8.1	339.0	95%	4173.0		
61.0	325.3	91%	4330.6		
24.3	115.7	32%	4117.5		

20.0	189.0	53%	4512.9		
38.2	309.7	87%	4552.0		
6.3	342.0	96%	4137.0		
34.2	173.0	48%	3964.4	Check	342.0
16.5	303.4	85%	4500.0		
57.9	350.5	98%	4552.0		
19.7	338.2	95%	4479.0		
43.3	304.3	85%	4387.3		
36.3	356.8	100%	4434.0		
33.6	262.2	73%	4291.1		
59.1	356.7	100%	4470.4		
51.0	189.6	53%	4536.6		
31.8	357.0	100%	4459.3		
21.0	354.7	99%	4289.0		
26.9	357.0	100%	4449.7		
25.0	95.3	27%	4083.8		
21.4	77.0	22%	1751.9	Check	113.3
11.2	355.2	100%	4552.0		
34.1	264.5	74%	4441.6		
27.3	350.0	98%	4421.4		
31.6	324.5	91%	4462.4		
12.5	330.6	93%	4094.0		
7.4	340.5	95%	4074.0		
57.8	349.7	98%	4552.0		
29.3	285.0	80%	4041.1		
19.0	191.5	54%	3892.5	Check	297.6
29.8	180.1	50%	4198.4		
19.2	112.3	31%	3757.8	Check	15.1
23.4	177.2	50%	4273.1		
12.2	61.9	17%	3201.3	Check	11.2
9.6	116.2	33%	2424.1	Check	69.2
6.9	46.7	13%	2703.3	Check	181.2
28.1	351.4	98%	4552.0		
42.2	271.5	76%	3750.2	Check	35.1
28.7	352.7	99%	4216.8		
40.0	344.1	96%	4477.1		
54.3	325.1	91%	4278.7		
22.3	303.7	85%	4367.8		
35.5	357.0	100%	4552.1		
32.5	335.1	94%	4550.5		
13.3	145.8	41%	4158.2		
50.7	318.8	89%	4552.1		
21.9			4552.1		



Resulting  
in  
End-of-April  
(May 1st)  
Shasta Storage  
Volume (TAF)

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2861.7	with zero allocation in prior BN year and zero allocation in current CRT year
<b>4208.4</b>	with zero allocation in prior DRY year and zero allocation in current DRY year
3226.4	with zero allocation in current year (CRT)
3400.8	with zero allocation in prior CRT year and zero allocation in current DRY year
2346.3	with zero allocation in 1929 (CRT), 1930 (DRY) & 1931 (CRT)
2228.1	with zero allocation in 1929 (CRT), 1930 (DRY), 1931 (CRT), 1932 (DRY)
2216.7	with zero allocation in 1929 (CRT), 1930 (DRY), 1931 (CRT), 1932 (DRY), 1933 (CRT)
2111.1	with zero allocation in 1929 (CRT), 1930 (DRY), 1931 (CRT), 1932 (DRY), 1933 (CRT), 1934 (CI)
3225.3	with zero allocation in 1929 (CRT), 1930 (DRY), 1931 (CRT), 1932 (DRY), 1933 (CRT), 1934 (CI)
<b>4202.4</b>	with zero allocation in prior year (WET)
3763.7	with zero allocation in current year (DRY)
3840.6	with zero allocation in current year (DRY)

**4306.4** with zero allocation in prior year (WET)

1865.2 with zero allocation in prior CRT year and zero allocation in current CRT year

**4190.1** with zero allocation in prior DRY year and zero allocation in current WET year

3772.9 with zero allocation in current year (CRT)

3212.5 with zero allocation in current year (CRT)

2493.3 with zero allocation in prior CRT year and zero allocation in current CRT year

2884.6 with zero allocation in 1990 (CRT), 1991 (CRT) & 1992 (CRT)

3785.3 with zero allocation in current year (CRT)

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**Perfect hindsight/foresight**

RT)

RT)

**Perfect hindsight/foresight**

**Perfect hindsight/foresight**

**Perfect hindsight/foresight**