Month	WYT	COS5	PA20	Month	COS5	Month	PA20
10	2	8	8	1	0	1	0
11	2	0	0	1	0	1	0
12	2	0	0	1	0	1	0
1	2	0	0	1	0	1	0
2	2	0	0	1	0	1	0
3	2	108	108	1	0	1	0
4	2	79	79	1	0	1	0
5	2	114	114	1	0	1	0
6	2	11	11	1	0	1	0
7	2	1	1	1	0	1	0
8	2	1	1	1	0	1	0
9	2	1	1	1	0	1	0
10	3	8	8	1	0	1	0
11	3	0	0	1	0	1	0
12	3	0	0	1	0	1	0
1	3	0	0	1	0	1	0
2	3	0	0	1	0	1	0
3	3	108	0	1	0	1	0
4	3	79	114	1	0	1	0
5	3	114	40	1	0	1	0
6	3	11	2	1	0	1	0
7	3	1	0	1	0	1	0
8	3	1	0	1	0	1	0
9	3	1	0	1	0	1	0
10	5	8	8	1	0	1	0
11	5	0	0	1	0	1	0
12	5	0	0	1	0	1	0
1	5	0	0	1	0	1	0
2	5	0	0	1	0	1	0
3	5	1	1	1	0	1	0
4	5	9	4	1	0	1	0
5	5	7	2	1	0	1	0
6	5	1	0	1	0	1	0
7	5	1	0	1	0	1	0
8	5	0	0	1	0	1	0
9	5	0	0	1	0	1	0
10	4	6	5	1	0	1	0
11	4	0	0	1	0	1	0
12	4	0	0	1	0	1	0
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2	4	0	0	1	0	1	0
3	4	0	0	1	0	1	0
4	4	114	114	1	0	1	0
5	4	40	40	1	0	1	0
6	4	2	2	1	0	1	0

7	4	0	0	1	0	1	0
8	4	0	0	1	0	1	0
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11	4	0	0	1	0	1	0
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5	1	10	40	1	0	1	0
6	1	31	2	1	0	1	0
7	1	0	0	1	1	1	0
8	1	0	0	1	1	1	1
9	1	0	0	1	1	1	1
10	2	6	8	1	1	1	3
11	2	0	0	1	1	1	4
12	2	0	0	1	1	1	8
1	2	0	0	1	4	1	91
2	2	0	0	1	91	1	219
3	2	0	0	1	281	1	337
4	2	8	8	1	340	1	340
5	2	6	6	1	568	1	568
6	2	0	0	1	810	1	810
7	2	0	0	1	810	1	810
8	2	0	0	2	0	2	0
9	2	0	0	2	0	2	0
10	5	6	6	2	0	2	0
11	5	0	0	2	0	2	0
12	5	0	0	2	0	2	0
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4	5	3	3	2	0	2	0
5	5	3	2	2	0	2	0

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8	5	0	0	2	0	2	0
9	5	0	0	2	0	2	0
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2	5	0	0	2	0	2	0
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7	5	1	0	2	0	2	0
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2	4	0	0	2	0	2	0
3	4	0	0	2	0	2	0
4	4	3	118	2	0	2	0
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6	4	35	2	2	0	2	0
7	4	0	0	2	0	2	0
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2	5	0	0	2	2	2	2
3	5	0	0	2	3	2	2
4	5	12	9	2	4	2	5
5	5	11	9	2	5	2	11
6	5	0	0	2	6	2	83
7	5	0	0	2	7	2	180
8	5	0	0	2	9	2	220
9	5	0	0	2	11	2	222
10	3	5	5	2	11	2	275
11	3	0	0	2	220	2	278
12	3	0	0	2	222	2	397
1	3	0	0	2	275	2	401
2	3	9	0	2	278	2	426
3	3	0	0	2	426	2	810
4	3	3	114	2	810	2	810
5	3	2	40	2	810	2	810
6	3	24	2	3	0	3	0
7	3	0	0	3	0	3	0
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9	3	0	0	3	0	3	0
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2	3	5	5	3	0	3	0
3	3	0	0	3	0	3	0
4	3	8	114	3	0	3	0
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6	3	4	2	3	0	3	0
7	3	0	0	3	0	3	0
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5	3	6	40	3	0	3	0
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7	3	0	0	3	0	3	0
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1	1	0	0	3	0	3	0
2	1	2	2	3	0	3	0
3	1	132	108	3	0	3	0
4	1	129	79	3	0	3	0
5	1	178	114	3	0	3	0
6	1	24	11	3	0	3	0
7	1	2	1	3	0	3	0
8	1	2	1	3	0	3	0
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2	2	0	0	3	1	3	5
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4	2	114	114	3	3	3	11
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6	2	10	2	3	108	3	34
7	2	0	0	3	108	3	35
8	2	0	0	3	108	3	108
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10	1	8	8	3	108	3	108
11	1	0	0	3	108	3	108
12	1	0	0	3	108	3	108
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5	1	114	114	3	108	3	108
6	1	11	11	3	132	3	108
7	1	1	1	3	132	3	109
8	1	1	1	3	132	3	133
9	1	1	1	3	133	3	148
10	1	8	8	3	183	3	183
11	1	0	0	3	251	3	337
12	1	0	0	3	425	3	425
1	1	0	0	3	467	3	433
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7	1	2	1	4	3	4	3
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3	1	425	425	4	5	4	3
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6	1	24	2	4	5	4	3
7	1	3	0	4	5	4	3
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2	4	2	0	4	8	4	8
3	4	0	0	4	8	4	8
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6	3	6	2	4	79	4	81
7	3	0	0	4	103	4	93
8	3	0	0	4	114	4	114
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11	4	0	0	4	114	4	114
12	4	0	0	4	114	4	114
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7	3	0	0	4	130	4	119
8	3	0	0	4	132	4	123
9	3	0	0	4	138	4	132
10	4	6	6	4	139	4	132
11	4	0	0	4	145	4	145
12	4	0	0	4	172	4	172

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1	2	0	219	5	7	5	6
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3	2	0	5	5	7	5	6
4	2	114	114	5	8	5	6
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2	1	0	0	5	12	5	40
3	1	133	109	5	27	5	40
4	1	130	81	5	40	5	40
5	1	178	114	5	40	5	40
6	1	24	506	5	40	5	40
7	1	32	169	5	40	5	40
8	1	86	86	5	40	5	40
9	1	75	75	5	40	5	40
10	1	9	8	5	40	5	40
11	1	1	0	5	40	5	40

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1	1	4	8	5	40	5	40
2	1	11	11	5	40	5	40
3	1	108	0	5	40	5	40
4	1	103	132	5	40	5	40
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7	1	1	0	5	40	5	40
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3	2	0	0	5	114	5	55
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5	2	40	40	5	114	5	114
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8	4	0	0	5	178	5	117
9	4	0	0	5	178	5	125
10	1	6	5	5	178	5	136
11	1	0	0	5	239	5	416
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3	1	108	108	6	0	6	0
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7	1	1	1	6	0	6	0
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12	2	0	0	6	0	6	0
1	2	0	0	6	0	6	0
2	2	0	0	6	0	6	0
3	2	0	0	6	0	6	0
4	2	114	114	6	0	6	0
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8	2	0	0	6	0	6	0
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7	1	1	1	6	1	6	0
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7	3	0	0	6	2	6	2
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7	4	1	0	12	0	12	0
8	4	0	0	12	0	12	0
9	4	0	0	12	0	12	0
10	4	6	5	12	0	12	0
11	4	0	0	12	0	12	0
12	4	0	0	12	0	12	0
1	4	0	0	12	0	12	0
2	4	0	0	12	0	12	0
3	4	0	0	12	0	12	0
4	4	8	3	12	0	12	0
5	4	8	2	12	0	12	0
6	4	1	0	12	0	12	0
7	4	1	0	12	1	12	0
8	4	0	0	12	1	12	0
9	4	0	0	12	1	12	1
10	2	6	5	12	1	12	1
11	2	0	0	12	1	12	1
12	2	0	0	12	1	12	1
1	2	0	0	12	1	12	1
2	2	7	0	12	1	12	1
3	2	0	0	12	1	12	4
4	2	8	119	12	5	12	5
5	2	10	40	12	6	12	6
6	2	40	2	12	10	12	6
7	2	0	0	12	347	12	14
8	2	0	0	12	355	12	347
9	2	0	0	12	810	12	810

Inundated Habitat (Acres), Stanislaus River at Goodwin Dam

COS5

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr
10%	5	0	0	0	0	0	3
20%	5	0	0	0	0	0	7
30%	6	0	0	0	0	0	8
40%	6	0	0	0	0	0	9
50%	8	0	0	0	0	0	79
60%	8	0	0	0	0	0	79
70%	8	0	0	0	0	3	114
80%	8	0	0	0	2	108	114
90%	9	1	1	1	11	132	129
Mean	9	8	19	36	38	57	64

PA20

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr
10%	5	0	0	0	0	0	3
20%	5	0	0	0	0	0	3
30%	6	0	0	0	0	0	8
40%	6	0	0	0	0	0	12
50%	8	0	0	0	0	0	79
60%	8	0	0	0	0	0	79
70%	8	0	0	0	0	7	114
80%	8	0	0	0	1	108	114
90%	8	0	1	7	259	126	118
Mean	8	9	15	39	60	57	65

PA20 minus COS5

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr
10%	0	0	0	0	0	0	0
20%	0	0	0	0	0	0	-4
30%	0	0	0	0	0	0	0
40%	0	0	0	0	0	0	3
50%	0	0	0	0	0	0	0
60%	0	0	0	0	0	0	0
70%	0	0	0	0	0	4	0
80%	0	0	0	0	-1	0	0
90%	-1	-1	0	6	249	-6	-10
Mean	0	0	-4	3	22	0	1

May	Jun	Jul	Aug	Sep
4	0	0	0	0
5	0	0	0	0
7	1	0	0	0
11	2	0	0	0
40	2	0	0	0
40	10	1	0	0
60	11	1	0	0
114	24	1	1	1
178	28	3	2	2
54	21	10	7	9

May	Jun	Jul	Aug	Sep
2	0	0	0	0
2	0	0	0	0
6	0	0	0	0
9	0	0	0	0
40	2	0	0	0
40	2	0	0	0
40	2	0	0	0
114	11	1	1	1
114	11	1	1	1
47	24	15	7	9

May	Jun	Jul	Aug	Sep
-2	0	0	0	0
-3	0	0	0	0
-1	0	0	0	0
-2	-1	0	0	0
0	0	0	0	0
0	-8	0	0	0
-20	-10	0	0	0
0	-12	0	0	0
-64	-17	-2	-1	-1
-7	4	4	0	0

Inundated Floodplain Habitat Table for Steelhead/Rainbow Tr

Flow data are Stanislaus River at Goodwin Dam (CalS

Flow	Acres
0	0
250	0
500	3
750	8
1000	12
1250	40
1500	104
1750	150
2000	183
2001	183
2500	257
3000	365
3500	420
4000	503
4500	623
5000	810
99999	810

Date	Month	Year	Water Year	SJR Basin Water Year Type
10/31/1921	10	1921	1922	1
11/30/1921	11	1921	1922	1
12/31/1921	12	1921	1922	1
1/31/1922	1	1922	1922	1
2/28/1922	2	1922	1922	1
3/31/1922	3	1922	1922	1
4/30/1922	4	1922	1922	1
5/31/1922	5	1922	1922	1
6/30/1922	6	1922	1922	1
7/31/1922	7	1922	1922	1
8/31/1922	8	1922	1922	1
9/30/1922	9	1922	1922	1
10/31/1922	10	1922	1923	2
11/30/1922	11	1922	1923	2
12/31/1922	12	1922	1923	2
1/31/1923	1	1923	1923	2
2/28/1923	2	1923	1923	2
3/31/1923	3	1923	1923	2
4/30/1923	4	1923	1923	2
5/31/1923	5	1923	1923	2
6/30/1923	6	1923	1923	2
7/31/1923	7	1923	1923	2
8/31/1923	8	1923	1923	2
9/30/1923	9	1923	1923	2
10/31/1923	10	1923	1924	5
11/30/1923	11	1923	1924	5
12/31/1923	12	1923	1924	5
1/31/1924	1	1924	1924	5
2/29/1924	2	1924	1924	5
3/31/1924	3	1924	1924	5
4/30/1924	4	1924	1924	5
5/31/1924	5	1924	1924	5
6/30/1924	6	1924	1924	5
7/31/1924	7	1924	1924	5
8/31/1924	8	1924	1924	5
9/30/1924	9	1924	1924	5
10/31/1924	10	1924	1925	3
11/30/1924	11	1924	1925	3
12/31/1924	12	1924	1925	3
1/31/1925	1	1925	1925	3

2/28/1925	2	1925	1925	3
3/31/1925	3	1925	1925	3
4/30/1925	4	1925	1925	3
5/31/1925	5	1925	1925	3
6/30/1925	6	1925	1925	3
7/31/1925	7	1925	1925	3
8/31/1925	8	1925	1925	3
9/30/1925	9	1925	1925	3
10/31/1925	10	1925	1926	4
11/30/1925	11	1925	1926	4
12/31/1925	12	1925	1926	4
1/31/1926	1	1926	1926	4
2/28/1926	2	1926	1926	4
3/31/1926	3	1926	1926	4
4/30/1926	4	1926	1926	4
5/31/1926	5	1926	1926	4
6/30/1926	6	1926	1926	4
7/31/1926	7	1926	1926	4
8/31/1926	8	1926	1926	4
9/30/1926	9	1926	1926	4
10/31/1926	10	1926	1927	2
11/30/1926	11	1926	1927	2
12/31/1926	12	1926	1927	2
1/31/1927	1	1927	1927	2
2/28/1927	2	1927	1927	2
3/31/1927	3	1927	1927	2
4/30/1927	4	1927	1927	2
5/31/1927	5	1927	1927	2
6/30/1927	6	1927	1927	2
7/31/1927	7	1927	1927	2
8/31/1927	8	1927	1927	2
9/30/1927	9	1927	1927	2
10/31/1927	10	1927	1928	3
11/30/1927	11	1927	1928	3
12/31/1927	12	1927	1928	3
1/31/1928	1	1928	1928	3
2/29/1928	2	1928	1928	3
3/31/1928	3	1928	1928	3
4/30/1928	4	1928	1928	3
5/31/1928	5	1928	1928	3
6/30/1928	6	1928	1928	3
7/31/1928	7	1928	1928	3
8/31/1928	8	1928	1928	3
9/30/1928	9	1928	1928	3
10/31/1928	10	1928	1929	5
11/30/1928	11	1928	1929	5
12/31/1928	12	1928	1929	5

1/31/1929	1	1929	1929	5
2/28/1929	2	1929	1929	5
3/31/1929	3	1929	1929	5
4/30/1929	4	1929	1929	5
5/31/1929	5	1929	1929	5
6/30/1929	6	1929	1929	5
7/31/1929	7	1929	1929	5
8/31/1929	8	1929	1929	5
9/30/1929	9	1929	1929	5
10/31/1929	10	1929	1930	5
11/30/1929	11	1929	1930	5
12/31/1929	12	1929	1930	5
1/31/1930	1	1930	1930	5
2/28/1930	2	1930	1930	5
3/31/1930	3	1930	1930	5
4/30/1930	4	1930	1930	5
5/31/1930	5	1930	1930	5
6/30/1930	6	1930	1930	5
7/31/1930	7	1930	1930	5
8/31/1930	8	1930	1930	5
9/30/1930	9	1930	1930	5
10/31/1930	10	1930	1931	5
11/30/1930	11	1930	1931	5
12/31/1930	12	1930	1931	5
1/31/1931	1	1931	1931	5
2/28/1931	2	1931	1931	5
3/31/1931	3	1931	1931	5
4/30/1931	4	1931	1931	5
5/31/1931	5	1931	1931	5
6/30/1931	6	1931	1931	5
7/31/1931	7	1931	1931	5
8/31/1931	8	1931	1931	5
9/30/1931	9	1931	1931	5
10/31/1931	10	1931	1932	2
11/30/1931	11	1931	1932	2
12/31/1931	12	1931	1932	2
1/31/1932	1	1932	1932	2
2/29/1932	2	1932	1932	2
3/31/1932	3	1932	1932	2
4/30/1932	4	1932	1932	2
5/31/1932	5	1932	1932	2
6/30/1932	6	1932	1932	2
7/31/1932	7	1932	1932	2
8/31/1932	8	1932	1932	2
9/30/1932	9	1932	1932	2
10/31/1932	10	1932	1933	4
11/30/1932	11	1932	1933	4

12/31/1932	12	1932	1933	4
1/31/1933	1	1933	1933	4
2/28/1933	2	1933	1933	4
3/31/1933	3	1933	1933	4
4/30/1933	4	1933	1933	4
5/31/1933	5	1933	1933	4
6/30/1933	6	1933	1933	4
7/31/1933	7	1933	1933	4
8/31/1933	8	1933	1933	4
9/30/1933	9	1933	1933	4
10/31/1933	10	1933	1934	5
11/30/1933	11	1933	1934	5
12/31/1933	12	1933	1934	5
1/31/1934	1	1934	1934	5
2/28/1934	2	1934	1934	5
3/31/1934	3	1934	1934	5
4/30/1934	4	1934	1934	5
5/31/1934	5	1934	1934	5
6/30/1934	6	1934	1934	5
7/31/1934	7	1934	1934	5
8/31/1934	8	1934	1934	5
9/30/1934	9	1934	1934	5
10/31/1934	10	1934	1935	2
11/30/1934	11	1934	1935	2
12/31/1934	12	1934	1935	2
1/31/1935	1	1935	1935	2
2/28/1935	2	1935	1935	2
3/31/1935	3	1935	1935	2
4/30/1935	4	1935	1935	2
5/31/1935	5	1935	1935	2
6/30/1935	6	1935	1935	2
7/31/1935	7	1935	1935	2
8/31/1935	8	1935	1935	2
9/30/1935	9	1935	1935	2
10/31/1935	10	1935	1936	2
11/30/1935	11	1935	1936	2
12/31/1935	12	1935	1936	2
1/31/1936	1	1936	1936	2
2/29/1936	2	1936	1936	2
3/31/1936	3	1936	1936	2
4/30/1936	4	1936	1936	2
5/31/1936	5	1936	1936	2
6/30/1936	6	1936	1936	2
7/31/1936	7	1936	1936	2
8/31/1936	8	1936	1936	2
9/30/1936	9	1936	1936	2
10/31/1936	10	1936	1937	1

11/30/1936	11	1936	1937	1
12/31/1936	12	1936	1937	1
1/31/1937	1	1937	1937	1
2/28/1937	2	1937	1937	1
3/31/1937	3	1937	1937	1
4/30/1937	4	1937	1937	1
5/31/1937	5	1937	1937	1
6/30/1937	6	1937	1937	1
7/31/1937	7	1937	1937	1
8/31/1937	8	1937	1937	1
9/30/1937	9	1937	1937	1
10/31/1937	10	1937	1938	1
11/30/1937	11	1937	1938	1
12/31/1937	12	1937	1938	1
1/31/1938	1	1938	1938	1
2/28/1938	2	1938	1938	1
3/31/1938	3	1938	1938	1
4/30/1938	4	1938	1938	1
5/31/1938	5	1938	1938	1
6/30/1938	6	1938	1938	1
7/31/1938	7	1938	1938	1
8/31/1938	8	1938	1938	1
9/30/1938	9	1938	1938	1
10/31/1938	10	1938	1939	4
11/30/1938	11	1938	1939	4
12/31/1938	12	1938	1939	4
1/31/1939	1	1939	1939	4
2/28/1939	2	1939	1939	4
3/31/1939	3	1939	1939	4
4/30/1939	4	1939	1939	4
5/31/1939	5	1939	1939	4
6/30/1939	6	1939	1939	4
7/31/1939	7	1939	1939	4
8/31/1939	8	1939	1939	4
9/30/1939	9	1939	1939	4
10/31/1939	10	1939	1940	2
11/30/1939	11	1939	1940	2
12/31/1939	12	1939	1940	2
1/31/1940	1	1940	1940	2
2/29/1940	2	1940	1940	2
3/31/1940	3	1940	1940	2
4/30/1940	4	1940	1940	2
5/31/1940	5	1940	1940	2
6/30/1940	6	1940	1940	2
7/31/1940	7	1940	1940	2
8/31/1940	8	1940	1940	2
9/30/1940	9	1940	1940	2

10/31/1940	10	1940	1941	1
11/30/1940	11	1940	1941	1
12/31/1940	12	1940	1941	1
1/31/1941	1	1941	1941	1
2/28/1941	2	1941	1941	1
3/31/1941	3	1941	1941	1
4/30/1941	4	1941	1941	1
5/31/1941	5	1941	1941	1
6/30/1941	6	1941	1941	1
7/31/1941	7	1941	1941	1
8/31/1941	8	1941	1941	1
9/30/1941	9	1941	1941	1
10/31/1941	10	1941	1942	1
11/30/1941	11	1941	1942	1
12/31/1941	12	1941	1942	1
1/31/1942	1	1942	1942	1
2/28/1942	2	1942	1942	1
3/31/1942	3	1942	1942	1
4/30/1942	4	1942	1942	1
5/31/1942	5	1942	1942	1
6/30/1942	6	1942	1942	1
7/31/1942	7	1942	1942	1
8/31/1942	8	1942	1942	1
9/30/1942	9	1942	1942	1
10/31/1942	10	1942	1943	1
11/30/1942	11	1942	1943	1
12/31/1942	12	1942	1943	1
1/31/1943	1	1943	1943	1
2/28/1943	2	1943	1943	1
3/31/1943	3	1943	1943	1
4/30/1943	4	1943	1943	1
5/31/1943	5	1943	1943	1
6/30/1943	6	1943	1943	1
7/31/1943	7	1943	1943	1
8/31/1943	8	1943	1943	1
9/30/1943	9	1943	1943	1
10/31/1943	10	1943	1944	3
11/30/1943	11	1943	1944	3
12/31/1943	12	1943	1944	3
1/31/1944	1	1944	1944	3
2/29/1944	2	1944	1944	3
3/31/1944	3	1944	1944	3
4/30/1944	4	1944	1944	3
5/31/1944	5	1944	1944	3
6/30/1944	6	1944	1944	3
7/31/1944	7	1944	1944	3
8/31/1944	8	1944	1944	3

9/30/1944	9	1944	1944	3
10/31/1944	10	1944	1945	2
11/30/1944	11	1944	1945	2
12/31/1944	12	1944	1945	2
1/31/1945	1	1945	1945	2
2/28/1945	2	1945	1945	2
3/31/1945	3	1945	1945	2
4/30/1945	4	1945	1945	2
5/31/1945	5	1945	1945	2
6/30/1945	6	1945	1945	2
7/31/1945	7	1945	1945	2
8/31/1945	8	1945	1945	2
9/30/1945	9	1945	1945	2
10/31/1945	10	1945	1946	2
11/30/1945	11	1945	1946	2
12/31/1945	12	1945	1946	2
1/31/1946	1	1946	1946	2
2/28/1946	2	1946	1946	2
3/31/1946	3	1946	1946	2
4/30/1946	4	1946	1946	2
5/31/1946	5	1946	1946	2
6/30/1946	6	1946	1946	2
7/31/1946	7	1946	1946	2
8/31/1946	8	1946	1946	2
9/30/1946	9	1946	1946	2
10/31/1946	10	1946	1947	4
11/30/1946	11	1946	1947	4
12/31/1946	12	1946	1947	4
1/31/1947	1	1947	1947	4
2/28/1947	2	1947	1947	4
3/31/1947	3	1947	1947	4
4/30/1947	4	1947	1947	4
5/31/1947	5	1947	1947	4
6/30/1947	6	1947	1947	4
7/31/1947	7	1947	1947	4
8/31/1947	8	1947	1947	4
9/30/1947	9	1947	1947	4
10/31/1947	10	1947	1948	3
11/30/1947	11	1947	1948	3
12/31/1947	12	1947	1948	3
1/31/1948	1	1948	1948	3
2/29/1948	2	1948	1948	3
3/31/1948	3	1948	1948	3
4/30/1948	4	1948	1948	3
5/31/1948	5	1948	1948	3
6/30/1948	6	1948	1948	3
7/31/1948	7	1948	1948	3

8/31/1948	8	1948	1948	3
9/30/1948	9	1948	1948	3
10/31/1948	10	1948	1949	3
11/30/1948	11	1948	1949	3
12/31/1948	12	1948	1949	3
1/31/1949	1	1949	1949	3
2/28/1949	2	1949	1949	3
3/31/1949	3	1949	1949	3
4/30/1949	4	1949	1949	3
5/31/1949	5	1949	1949	3
6/30/1949	6	1949	1949	3
7/31/1949	7	1949	1949	3
8/31/1949	8	1949	1949	3
9/30/1949	9	1949	1949	3
10/31/1949	10	1949	1950	3
11/30/1949	11	1949	1950	3
12/31/1949	12	1949	1950	3
1/31/1950	1	1950	1950	3
2/28/1950	2	1950	1950	3
3/31/1950	3	1950	1950	3
4/30/1950	4	1950	1950	3
5/31/1950	5	1950	1950	3
6/30/1950	6	1950	1950	3
7/31/1950	7	1950	1950	3
8/31/1950	8	1950	1950	3
9/30/1950	9	1950	1950	3
10/31/1950	10	1950	1951	2
11/30/1950	11	1950	1951	2
12/31/1950	12	1950	1951	2
1/31/1951	1	1951	1951	2
2/28/1951	2	1951	1951	2
3/31/1951	3	1951	1951	2
4/30/1951	4	1951	1951	2
5/31/1951	5	1951	1951	2
6/30/1951	6	1951	1951	2
7/31/1951	7	1951	1951	2
8/31/1951	8	1951	1951	2
9/30/1951	9	1951	1951	2
10/31/1951	10	1951	1952	1
11/30/1951	11	1951	1952	1
12/31/1951	12	1951	1952	1
1/31/1952	1	1952	1952	1
2/29/1952	2	1952	1952	1
3/31/1952	3	1952	1952	1
4/30/1952	4	1952	1952	1
5/31/1952	5	1952	1952	1
6/30/1952	6	1952	1952	1

7/31/1952	7	1952	1952	1
8/31/1952	8	1952	1952	1
9/30/1952	9	1952	1952	1
10/31/1952	10	1952	1953	3
11/30/1952	11	1952	1953	3
12/31/1952	12	1952	1953	3
1/31/1953	1	1953	1953	3
2/28/1953	2	1953	1953	3
3/31/1953	3	1953	1953	3
4/30/1953	4	1953	1953	3
5/31/1953	5	1953	1953	3
6/30/1953	6	1953	1953	3
7/31/1953	7	1953	1953	3
8/31/1953	8	1953	1953	3
9/30/1953	9	1953	1953	3
10/31/1953	10	1953	1954	3
11/30/1953	11	1953	1954	3
12/31/1953	12	1953	1954	3
1/31/1954	1	1954	1954	3
2/28/1954	2	1954	1954	3
3/31/1954	3	1954	1954	3
4/30/1954	4	1954	1954	3
5/31/1954	5	1954	1954	3
6/30/1954	6	1954	1954	3
7/31/1954	7	1954	1954	3
8/31/1954	8	1954	1954	3
9/30/1954	9	1954	1954	3
10/31/1954	10	1954	1955	4
11/30/1954	11	1954	1955	4
12/31/1954	12	1954	1955	4
1/31/1955	1	1955	1955	4
2/28/1955	2	1955	1955	4
3/31/1955	3	1955	1955	4
4/30/1955	4	1955	1955	4
5/31/1955	5	1955	1955	4
6/30/1955	6	1955	1955	4
7/31/1955	7	1955	1955	4
8/31/1955	8	1955	1955	4
9/30/1955	9	1955	1955	4
10/31/1955	10	1955	1956	1
11/30/1955	11	1955	1956	1
12/31/1955	12	1955	1956	1
1/31/1956	1	1956	1956	1
2/29/1956	2	1956	1956	1
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8/31/2001	8	2001	2001	4
9/30/2001	9	2001	2001	4
10/31/2001	10	2001	2002	4
11/30/2001	11	2001	2002	4
12/31/2001	12	2001	2002	4
1/31/2002	1	2002	2002	4
2/28/2002	2	2002	2002	4
3/31/2002	3	2002	2002	4
4/30/2002	4	2002	2002	4
5/31/2002	5	2002	2002	4
6/30/2002	6	2002	2002	4
7/31/2002	7	2002	2002	4
8/31/2002	8	2002	2002	4
9/30/2002	9	2002	2002	4
10/31/2002	10	2002	2003	3
11/30/2002	11	2002	2003	3
12/31/2002	12	2002	2003	3
1/31/2003	1	2003	2003	3
2/28/2003	2	2003	2003	3
3/31/2003	3	2003	2003	3
4/30/2003	4	2003	2003	3
5/31/2003	5	2003	2003	3

6/30/2003	6	2003	2003	3
7/31/2003	7	2003	2003	3
8/31/2003	8	2003	2003	3
9/30/2003	9	2003	2003	3

COS5	PA20	COS5	PA20
Flow	Flow	Acres	Acres
797	774	8	8
200	200	0	0
200	200	0	0
232	226	0	0
236	229	0	0
1,521	1,521	108	108
1,400	1,400	79	79
1,555	1,555	114	114
940	940	11	11
300	300	1	1
300	300	1	1
300	300	1	1
797	797	8	8
200	200	0	0
200	200	0	0
232	232	0	0
236	236	0	0
1,521	200	108	0
1,400	1,553	79	114
1,555	1,242	114	40
940	363	11	2
300	265	1	0
300	283	1	0
300	250	1	0
797	774	8	8
200	200	0	0
200	200	0	0
232	226	0	0
236	229	0	0
347	347	1	1
840	534	9	4
712	400	7	2
363	200	1	0
296	200	1	0
283	200	0	0
249	200	0	0
636	577	6	5
200	200	0	0
200	200	0	0
219	213	0	0

			Mean Acres	
Month	WYT		COS5	PA20
2	1		86.6	156.5
2	2		62.2	72.8
2	3		2.0	0.8
2	4		0.1	0.0
2	5		0.4	0.0
2	All		37.9	60.1
3	1		168.4	188.9
3	2		33.9	10.3
3	3		8.3	0.0
3	4		0.0	0.0
3	5		0.4	0.2
3	All		57.3	57.3
4	1		102.8	98.5
4	2		72.1	114.9
4	3		60.7	80.0
4	4		48.5	4.9
4	5		12.7	3.7
4	All		64.0	65.4
5	1		116.2	109.7
5	2		56.1	47.9
5	3		28.9	26.7
5	4		19.2	3.5
5	5		7.7	2.9
5	All		54.1	46.8

221	214	0	0
200	200	0	0
1,553	1,553	114	114
1,242	1,242	40	40
363	363	2	2
265	265	0	0
283	283	0	0
250	250	0	0
774	774	8	8
200	200	0	0
200	200	0	0
226	226	0	0
229	229	0	0
207	207	0	0
767	460	8	3
631	400	6	2
331	200	1	0
286	200	0	0
283	200	0	0
249	200	0	0
636	577	6	5
200	200	0	0
200	200	0	0
219	213	0	0
221	214	0	0
200	200	0	0
767	1,553	8	114
875	1,242	10	40
1,161	363	31	2
265	265	0	0
283	283	0	0
249	250	0	0
636	774	6	8
200	200	0	0
200	200	0	0
219	226	0	0
221	229	0	0
200	200	0	0
767	767	8	8
651	631	6	6
255	255	0	0
265	265	0	0
283	283	0	0
249	249	0	0
636	636	6	6
200	200	0	0
200	200	0	0

219	219	0	0
221	221	0	0
200	200	0	0
460	460	3	3
511	400	3	2
255	200	0	0
265	200	0	0
283	200	0	0
249	200	0	0
577	577	5	5
200	200	0	0
306	306	1	1
213	213	0	0
214	214	0	0
200	200	0	0
569	523	4	4
524	400	4	2
282	200	0	0
271	200	0	0
283	200	0	0
249	200	0	0
577	577	5	5
200	200	0	0
306	306	1	1
213	213	0	0
239	214	0	0
304	273	1	0
996	836	12	9
974	817	12	9
322	200	1	0
311	200	1	0
249	200	0	0
200	200	0	0
577	577	5	5
200	200	0	0
200	200	0	0
213	213	0	0
214	214	0	0
200	200	0	0
480	1,574	3	118
432	1,242	2	40
1,205	363	35	2
265	265	0	0
283	283	0	0
249	250	0	0
577	774	5	8
200	200	0	0

306	306	1	1
213	226	0	0
272	229	0	0
200	200	0	0
523	523	4	4
577	400	5	2
262	200	0	0
313	200	1	0
200	200	0	0
200	200	0	0
577	577	5	5
200	200	0	0
200	200	0	0
213	213	0	0
214	214	0	0
200	200	0	0
958	830	12	9
947	822	11	9
248	200	0	0
150	200	0	0
150	200	0	0
150	150	0	0
577	577	5	5
200	200	0	0
200	200	0	0
213	213	0	0
829	214	9	0
200	200	0	0
460	1,553	3	114
432	1,242	2	40
1,100	363	24	2
265	265	0	0
283	283	0	0
249	250	0	0
577	774	5	8
200	200	0	0
200	200	0	0
213	226	0	0
608	608	5	5
200	200	0	0
767	1,553	8	114
631	1,242	6	40
523	363	4	2
265	265	0	0
283	283	0	0
249	250	0	0
636	774	6	8

200	200	0	0
200	200	0	0
219	226	0	0
251	229	0	0
200	200	0	0
767	1,553	8	114
631	1,242	6	40
356	363	1	2
265	265	0	0
283	283	0	0
249	250	0	0
636	774	6	8
200	200	0	0
200	200	0	0
219	226	0	0
414	414	2	2
1,648	1,521	132	108
1,633	1,400	129	79
1,958	1,555	178	114
1,100	940	24	11
429	300	2	1
400	300	2	1
400	300	2	1
842	797	9	8
300	200	1	0
300	200	1	0
358	232	1	0
364	236	2	0
200	200	0	0
1,595	808	122	9
1,242	631	40	6
363	255	2	0
265	265	0	0
283	283	0	0
250	249	0	0
774	636	8	6
200	200	0	0
200	200	0	0
226	219	0	0
229	221	0	0
200	200	0	0
1,553	1,553	114	114
1,242	1,242	40	40
897	363	10	2
265	265	0	0
283	283	0	0
250	250	0	0

774	774	8	8
200	200	0	0
200	200	0	0
226	226	0	0
229	229	0	0
1,521	1,521	108	108
1,400	1,400	79	79
1,555	1,555	114	114
940	940	11	11
300	300	1	1
300	300	1	1
300	300	1	1
797	797	8	8
200	200	0	0
200	200	0	0
232	232	0	0
236	236	0	0
1,648	1,521	132	108
1,633	1,400	129	79
1,958	1,555	178	114
1,100	940	24	11
429	300	2	1
400	300	2	1
400	475	2	3
842	797	9	8
300	200	1	0
300	671	1	6
2,610	2,870	281	337
2,245	2,245	220	220
3,532	3,532	425	425
1,683	1,603	138	123
1,958	1,242	178	40
1,100	363	24	2
470	265	3	0
400	283	2	0
400	250	2	0
842	774	9	8
300	200	1	0
300	200	1	0
358	226	1	0
364	229	2	0
200	200	0	0
1,553	1,553	114	114
1,242	1,242	40	40
363	363	2	2
265	265	0	0
283	283	0	0

250	250	0	0
774	774	8	8
200	200	0	0
200	200	0	0
226	226	0	0
229	229	0	0
200	200	0	0
1,720	1,720	145	145
1,242	1,242	40	40
787	363	8	2
265	265	0	0
283	283	0	0
250	250	0	0
774	774	8	8
200	200	0	0
213	213	0	0
226	226	0	0
229	229	0	0
200	200	0	0
1,650	1,650	132	132
1,242	1,242	40	40
676	363	6	2
265	265	0	0
283	283	0	0
250	250	0	0
774	774	8	8
200	200	0	0
200	200	0	0
226	226	0	0
229	229	0	0
200	200	0	0
767	460	8	3
829	444	9	3
255	200	0	0
307	200	1	0
283	200	0	0
249	200	0	0
636	577	6	5
200	200	0	0
200	200	0	0
219	213	0	0
661	214	6	0
200	200	0	0
952	952	11	11
920	783	11	8
279	255	0	0
265	265	0	0

283	283	0	0
249	249	0	0
636	636	6	6
200	200	0	0
200	200	0	0
219	219	0	0
221	221	0	0
200	200	0	0
767	767	8	8
853	648	10	6
255	255	0	0
265	265	0	0
283	283	0	0
249	249	0	0
636	636	6	6
200	200	0	0
200	200	0	0
219	219	0	0
221	221	0	0
200	200	0	0
1,001	1,001	13	13
915	631	11	6
255	255	0	0
265	265	0	0
283	283	0	0
249	249	0	0
636	636	6	6
200	200	0	0
200	304	0	1
219	2,239	0	219
221	1,973	0	180
200	577	0	5
1,553	1,553	114	114
1,242	1,242	40	40
363	363	2	2
265	265	0	0
283	283	0	0
250	250	0	0
774	774	8	8
200	200	0	0
200	200	0	0
226	226	0	0
275	275	0	0
1,656	1,528	133	109
1,643	1,409	130	81
1,958	1,555	178	114
1,100	4,016	24	506

1,178	1,890	32	169
1,431	1,431	86	86
1,387	1,387	75	75
842	797	9	8
300	200	1	0
300	200	1	0
548	790	4	8
905	905	11	11
1,521	200	108	0
1,498	1,651	103	132
1,555	1,242	114	40
940	363	11	2
300	265	1	0
300	283	1	0
300	250	1	0
797	774	8	8
200	200	0	0
200	200	0	0
232	226	0	0
368	229	2	0
200	200	0	0
1,911	1,911	172	172
1,242	1,242	40	40
363	363	2	2
265	265	0	0
283	283	0	0
250	250	0	0
774	774	8	8
200	200	0	0
200	200	0	0
226	226	0	0
229	229	0	0
200	200	0	0
767	460	8	3
841	507	9	3
255	200	0	0
327	200	1	0
283	200	0	0
249	200	0	0
636	577	6	5
200	200	0	0
346	346	1	1
281	281	0	0
221	214	0	0
1,521	1,521	108	108
1,400	1,400	79	79
1,555	1,555	114	114

940	940	11	11
300	300	1	1
300	300	1	1
300	300	1	1
797	797	8	8
200	200	0	0
200	200	0	0
232	232	0	0
236	236	0	0
200	200	0	0
1,553	1,553	114	114
1,242	1,242	40	40
446	363	3	2
265	265	0	0
283	283	0	0
250	250	0	0
774	774	8	8
200	200	0	0
200	200	0	0
226	226	0	0
229	229	0	0
1,521	1,521	108	108
1,400	1,400	79	79
1,570	1,570	117	117
940	940	11	11
300	300	1	1
300	300	1	1
300	300	1	1
797	797	8	8
200	200	0	0
200	200	0	0
232	232	0	0
236	236	0	0
200	200	0	0
1,553	767	114	8
1,242	631	40	6
363	255	2	0
265	265	0	0
283	283	0	0
250	249	0	0
774	636	8	6
200	200	0	0
200	200	0	0
226	219	0	0
229	221	0	0
200	200	0	0
767	460	8	3

690	400	7	2
255	200	0	0
265	200	0	0
283	200	0	0
249	200	0	0
636	577	6	5
200	200	0	0
200	200	0	0
219	213	0	0
224	214	0	0
200	200	0	0
579	460	5	3
549	400	4	2
259	200	0	0
296	200	1	0
283	200	0	0
249	200	0	0
577	577	5	5
200	200	0	0
200	200	0	0
213	213	0	0
214	214	0	0
200	200	0	0
460	1,553	3	114
605	1,242	5	40
255	363	0	2
265	265	0	0
283	283	0	0
249	250	0	0
577	774	5	8
200	200	0	0
200	200	0	0
213	226	0	0
483	229	3	0
480	200	3	0
767	1,553	8	114
1,127	1,307	27	55
1,043	363	17	2
265	265	0	0
283	283	0	0
249	250	0	0
636	774	6	8
200	200	0	0
200	200	0	0
219	226	0	0
221	229	0	0
200	200	0	0

460	460	3	3
546	400	4	2
255	200	0	0
278	200	0	0
283	200	0	0
249	200	0	0
577	577	5	5
200	200	0	0
638	638	6	6
213	213	0	0
214	214	0	0
200	200	0	0
1,553	1,553	114	114
1,242	1,242	40	40
925	363	11	2
265	265	0	0
283	283	0	0
250	250	0	0
774	774	8	8
200	200	0	0
200	200	0	0
226	226	0	0
229	229	0	0
200	200	0	0
777	777	8	8
926	631	11	6
316	255	1	0
265	265	0	0
283	283	0	0
249	249	0	0
636	636	6	6
200	200	0	0
200	200	0	0
219	219	0	0
908	221	11	0
1,521	1,521	108	108
1,400	1,400	79	79
1,672	1,672	136	136
940	940	11	11
300	300	1	1
300	300	1	1
300	300	1	1
797	797	8	8
200	200	0	0
200	200	0	0
232	232	0	0
236	236	0	0

200	200	0	0
1,553	767	114	8
1,242	631	40	6
363	255	2	0
265	265	0	0
283	283	0	0
250	249	0	0
774	636	8	6
200	200	0	0
200	200	0	0
363	439	1	3
229	3,290	0	397
1,648	1,736	132	148
1,690	1,457	139	93
2,373	3,464	239	416
1,100	3,665	24	447
919	1,704	11	142
1,338	1,338	63	63
1,294	1,294	52	52
842	797	9	8
300	200	1	0
876	1,018	10	14
5,444	5,444	810	810
2,595	2,595	278	278
1,521	718	108	7
1,400	1,553	79	114
1,555	1,242	114	40
950	363	11	2
300	265	1	0
300	283	1	0
300	250	1	0
797	774	8	8
200	200	0	0
200	200	0	0
232	226	0	0
236	229	0	0
200	200	0	0
1,553	1,553	114	114
1,242	1,242	40	40
700	363	7	2
265	265	0	0
283	283	0	0
250	250	0	0
774	774	8	8
200	200	0	0
219	219	0	0
226	226	0	0

229	229	0	0
200	200	0	0
1,553	460	114	3
1,242	400	40	2
363	200	2	0
284	200	0	0
283	200	0	0
250	200	0	0
774	577	8	5
200	200	0	0
200	200	0	0
226	213	0	0
229	219	0	0
200	200	0	0
1,553	1,553	114	114
1,242	1,242	40	40
1,451	363	91	2
265	265	0	0
283	283	0	0
250	250	0	0
774	774	8	8
200	200	0	0
200	200	0	0
226	226	0	0
229	229	0	0
200	1,204	0	35
1,553	1,553	114	114
1,242	1,242	40	40
1,359	363	68	2
493	265	3	0
283	283	0	0
250	409	0	2
774	774	8	8
200	234	0	0
200	525	0	4
226	565	0	4
266	1,417	0	83
200	1,158	0	30
1,553	1,553	114	114
1,317	1,242	57	40
363	363	2	2
369	265	2	0
283	283	0	0
250	250	0	0
774	774	8	8
200	200	0	0
200	200	0	0

226	226	0	0
229	229	0	0
200	200	0	0
767	460	8	3
702	400	7	2
255	200	0	0
286	200	0	0
283	200	0	0
249	200	0	0
636	577	6	5
200	200	0	0
200	200	0	0
219	213	0	0
422	214	2	0
502	200	3	0
585	466	5	3
559	400	4	2
272	200	0	0
319	200	1	0
321	200	1	0
249	200	0	0
577	577	5	5
200	200	0	0
200	200	0	0
213	213	0	0
214	214	0	0
335	1,656	1	133
767	1,400	8	79
690	1,614	7	125
255	940	0	11
265	300	0	1
283	300	0	1
249	300	0	1
636	797	6	8
200	200	0	0
200	200	0	0
235	248	0	0
221	236	0	0
200	200	0	0
1,553	1,553	114	114
1,414	1,414	82	82
1,624	363	127	2
265	265	0	0
283	283	0	0
250	250	0	0
774	774	8	8
200	200	0	0

235	235	0	0
300	300	1	1
229	229	0	0
1,521	1,521	108	108
1,400	1,400	79	79
1,555	1,555	114	114
940	940	11	11
300	300	1	1
300	300	1	1
300	300	1	1
797	797	8	8
200	200	0	0
200	200	0	0
232	232	0	0
236	236	0	0
200	200	0	0
767	767	8	8
631	631	6	6
255	255	0	0
265	265	0	0
283	283	0	0
249	249	0	0
636	636	6	6
200	200	0	0
200	200	0	0
219	226	0	0
221	5,635	0	810
2,458	3,582	251	433
2,766	2,766	315	315
1,958	1,555	178	114
1,100	1,113	24	25
871	1,260	10	43
1,363	1,363	69	69
2,274	2,274	224	224
1,690	1,690	139	139
2,429	2,429	247	247
2,918	2,918	347	347
4,270	4,270	568	568
5,341	5,341	810	810
6,185	6,185	810	810
1,633	1,400	129	79
1,958	1,555	178	114
4,879	5,527	765	810
3,666	3,666	447	447
1,929	1,929	174	174
2,047	2,047	190	190
842	797	9	8

3,652	3,698	445	453
5,833	5,833	810	810
2,886	2,886	340	340
2,582	2,582	275	275
1,521	1,521	108	108
1,400	1,400	79	79
1,555	1,555	114	114
940	940	11	11
300	300	1	1
300	300	1	1
300	300	1	1
797	797	8	8
200	200	0	0
200	200	0	0
232	232	0	0
236	236	0	0
200	200	0	0
1,553	767	114	8
1,242	631	40	6
363	255	2	0
321	265	1	0
283	283	0	0
250	249	0	0
774	636	8	6
200	200	0	0
200	200	0	0
226	219	0	0
518	3,331	4	401
4,495	5,307	622	810
1,633	1,400	129	79
1,958	1,555	178	114
1,100	940	24	11
429	300	2	1
400	300	2	1
400	300	2	1
842	797	9	8
300	200	1	0
300	200	1	0
358	232	1	0
364	236	2	0
200	200	0	0
1,553	460	114	3
1,242	400	40	2
363	200	2	0
265	200	0	0
283	200	0	0
250	200	0	0

774	577	8	5
200	200	0	0
200	200	0	0
226	213	0	0
329	214	1	0
256	256	0	0
466	460	3	3
567	400	4	2
286	200	0	0
272	200	0	0
283	200	0	0
249	200	0	0
577	577	5	5
200	200	0	0
200	200	0	0
213	213	0	0
285	214	0	0
200	200	0	0
460	460	3	3
591	400	5	2
255	200	0	0
265	200	0	0
283	200	0	0
249	200	0	0
577	577	5	5
200	200	0	0
200	200	0	0
213	213	0	0
255	214	0	0
200	200	0	0
595	460	5	3
547	400	4	2
282	200	0	0
251	200	0	0
258	200	0	0
200	200	0	0
577	577	5	5
200	200	0	0
200	200	0	0
213	213	0	0
353	214	1	0
200	200	0	0
461	461	3	3
579	400	5	2
293	200	1	0
150	200	0	0
150	200	0	0

150	200	0	0
577	577	5	5
200	200	0	0
200	200	0	0
213	213	0	0
214	214	0	0
200	200	0	0
600	460	5	3
400	400	2	2
150	200	0	0
161	200	0	0
150	200	0	0
150	200	0	0
577	577	5	5
198	200	0	0
200	200	0	0
213	213	0	0
214	214	0	0
200	200	0	0
502	1,581	3	119
423	1,265	2	44
263	363	0	2
1,346	265	65	0
283	283	0	0
249	250	0	0
577	774	5	8
200	200	0	0
200	200	0	0
213	226	0	0
214	229	0	0
325	325	1	1
581	460	5	3
538	400	4	2
325	200	1	0
358	200	1	0
284	200	0	0
249	200	0	0
581	581	5	5
200	200	0	0
200	200	0	0
323	323	1	1
235	214	0	0
243	1,521	0	108
1,553	1,400	114	79
1,242	1,555	40	114
363	940	2	11
265	300	0	1

283	300	0	1
250	300	0	1
774	797	8	8
200	200	0	0
200	200	0	0
226	232	0	0
292	299	1	1
1,521	1,521	108	108
1,400	1,400	79	79
1,555	1,555	114	114
940	940	11	11
344	300	1	1
300	300	1	1
300	300	1	1
797	797	8	8
200	200	0	0
2,953	306	355	1
7,855	7,855	810	810
7,801	7,801	810	810
3,785	2,872	467	337
1,400	1,400	79	79
1,555	1,555	114	114
940	940	11	11
300	300	1	1
300	300	1	1
300	300	1	1
797	797	8	8
200	200	0	0
200	200	0	0
232	232	0	0
2,260	2,260	222	222
2,000	2,000	183	183
1,633	1,400	129	79
1,958	1,555	178	114
1,100	1,001	24	13
2,409	3,130	244	379
1,605	1,605	124	124
1,753	1,753	151	151
996	996	12	12
324	324	1	1
619	619	5	5
1,449	1,449	91	91
3,538	3,538	426	426
1,521	935	108	11
1,400	1,553	79	114
1,555	1,242	114	40
1,475	363	98	2

300	265	1	0
300	283	1	0
300	250	1	0
797	774	8	8
200	200	0	0
200	200	0	0
232	226	0	0
236	375	0	2
1,521	1,192	108	34
1,400	1,553	79	114
1,555	1,242	114	40
983	363	12	2
300	265	1	0
300	283	1	0
300	250	1	0
797	774	8	8
200	200	0	0
200	200	0	0
232	226	0	0
236	229	0	0
200	200	0	0
775	469	8	3
679	400	6	2
281	200	0	0
311	200	1	0
283	200	0	0
249	200	0	0
636	577	6	5
200	200	0	0
200	200	0	0
219	213	0	0
236	220	0	0
200	200	0	0
784	477	8	3
750	400	8	2
294	200	1	0
309	200	1	0
283	200	0	0
249	200	0	0
636	577	6	5
200	200	0	0
200	200	0	0
219	213	0	0
705	220	7	0
200	200	0	0
793	1,580	8	119
895	1,242	10	40

250	52,000	165,000	415,000
300	53,000	160,000	420,000
400	50,000	155,000	420,000
500	49,000	150,000	415,000
600	50,000	148,000	425,000
700	51,000	138,000	390,000
800	54,000	135,000	375,000
1000	57,000	128,000	370,000
1100	57,500	130,000	350,000
1200	58,000	127,000	325,000
1400	58,000	125,000	300,000
1500	59,000	125,000	280,000
9999	59,000	125,000	280,000

1,245	368	40	2
265	265	0	0
283	283	0	0
249	250	0	0

Month	WYT	Difference PA20 minus COS5	% Difference PA20 vs. COS5	Combined PA20 vs. COS5
February	Wet	69.9	80.63	70 (81%)
	Above Normal	10.6	16.99	11 (16.99%)
	Below Normal	-1.2	-60.10	-1 (-60.1%)
	Dry	-0.1	-100.00	0 (-100%)
	Critical	-0.4	-100.00	0 (-100%)
	All	22.2	58.55	22 (59%)
March	Wet	20.5	12.14	20 (12.1%)
	Above Normal	-23.6	-69.64	-24 (-69.6%)
	Below Normal	-8.3	-100.00	-8 (-100%)
	Dry	0.0	#DIV/0!	#DIV/0!
	Critical	-0.2	-58.70	0 (-58.7%)
	All	0.0	0.04	0 (0%)
April	Wet	-4.4	-4.24	-4 (-4.2%)
	Above Normal	42.8	59.32	43 (59.3%)
	Below Normal	19.2	31.69	19 (32%)
	Dry	-43.6	-89.90	-44 (-89.9%)
	Critical	-8.9	-70.68	-9 (-71%)
	All	1.5	2.28	1 (2.3%)
May	Wet	-6.5	-5.59	-6 (-5.59%)
	Above Normal	-8.2	-14.68	-8 (-15%)
	Below Normal	-2.2	-7.53	-2 (-7.5%)
	Dry	-15.7	-81.78	-16 (-82%)
	Critical	-4.8	-62.84	-5 (-63%)
	All	-7.3	-13.48	-7 (-13.5%)

Month	WYT	COS5	PA20	PA20 vs. COS5
February	Wet	87	156	70 (81%)
	Above Normal	62	73	11 (16.99%)
	Below Normal	2	1	-1 (-60.1%)
	Dry	0	0	0 (-100%)
	Critical	0	0	0 (-100%)
	All	38	60	22 (59%)
March	Wet	168	189	20 (12.1%)
	Above Normal	34	10	-24 (-69.6%)
	Below Normal	8	0	-8 (-100%)
	Dry	0	0	#DIV/0!
	Critical	0	0	0 (-58.7%)
	All	57	57	0 (0%)
April	Wet	103	98	-4 (-4.2%)
	Above Normal	72	115	43 (59.3%)
	Below Normal	61	80	19 (32%)
	Dry	49	5	-44 (-89.9%)
	Critical	13	4	-9 (-71%)
	All	64	65	1 (2.3%)
May	Wet	116	110	-6 (-5.59%)
	Above Normal	56	48	-8 (-15%)
	Below Normal	29	27	-2 (-7.5%)
	Dry	19	4	-16 (-82%)
	Critical	8	3	-5 (-63%)
	All	54	47	-7 (-13.5%)

**Inundated Floodplain Habitat Table for
Steelhead/Rainbow Tr**   **Flow data are Stanislaus River at Goodwin Dam (CalS**

Flow	Acres
0	0
250	0
500	3
750	8
1000	12
1250	40
1500	104
1750	150
2000	183
2001	183
2500	257
3000	365
3500	420
4000	503
4500	623
5000	810
99999	810

Date	Month	Year	Water Year	SJR Basin Water Year Type
10/31/1921	10	1921	1922	1
11/30/1921	11	1921	1922	1
12/31/1921	12	1921	1922	1
1/31/1922	1	1922	1922	1
2/28/1922	2	1922	1922	1
3/31/1922	3	1922	1922	1
4/30/1922	4	1922	1922	1
5/31/1922	5	1922	1922	1
6/30/1922	6	1922	1922	1
7/31/1922	7	1922	1922	1
8/31/1922	8	1922	1922	1
9/30/1922	9	1922	1922	1
10/31/1922	10	1922	1923	2
11/30/1922	11	1922	1923	2
12/31/1922	12	1922	1923	2
1/31/1923	1	1923	1923	2
2/28/1923	2	1923	1923	2
3/31/1923	3	1923	1923	2
4/30/1923	4	1923	1923	2
5/31/1923	5	1923	1923	2
6/30/1923	6	1923	1923	2
7/31/1923	7	1923	1923	2
8/31/1923	8	1923	1923	2
9/30/1923	9	1923	1923	2
10/31/1923	10	1923	1924	5
11/30/1923	11	1923	1924	5
12/31/1923	12	1923	1924	5
1/31/1924	1	1924	1924	5
2/29/1924	2	1924	1924	5
3/31/1924	3	1924	1924	5
4/30/1924	4	1924	1924	5
5/31/1924	5	1924	1924	5
6/30/1924	6	1924	1924	5
7/31/1924	7	1924	1924	5
8/31/1924	8	1924	1924	5
9/30/1924	9	1924	1924	5
10/31/1924	10	1924	1925	3
11/30/1924	11	1924	1925	3
12/31/1924	12	1924	1925	3
1/31/1925	1	1925	1925	3
2/28/1925	2	1925	1925	3

3/31/1925	3	1925	1925	3
4/30/1925	4	1925	1925	3
5/31/1925	5	1925	1925	3
6/30/1925	6	1925	1925	3
7/31/1925	7	1925	1925	3
8/31/1925	8	1925	1925	3
9/30/1925	9	1925	1925	3
10/31/1925	10	1925	1926	4
11/30/1925	11	1925	1926	4
12/31/1925	12	1925	1926	4
1/31/1926	1	1926	1926	4
2/28/1926	2	1926	1926	4
3/31/1926	3	1926	1926	4
4/30/1926	4	1926	1926	4
5/31/1926	5	1926	1926	4
6/30/1926	6	1926	1926	4
7/31/1926	7	1926	1926	4
8/31/1926	8	1926	1926	4
9/30/1926	9	1926	1926	4
10/31/1926	10	1926	1927	2
11/30/1926	11	1926	1927	2
12/31/1926	12	1926	1927	2
1/31/1927	1	1927	1927	2
2/28/1927	2	1927	1927	2
3/31/1927	3	1927	1927	2
4/30/1927	4	1927	1927	2
5/31/1927	5	1927	1927	2
6/30/1927	6	1927	1927	2
7/31/1927	7	1927	1927	2
8/31/1927	8	1927	1927	2
9/30/1927	9	1927	1927	2
10/31/1927	10	1927	1928	3
11/30/1927	11	1927	1928	3
12/31/1927	12	1927	1928	3
1/31/1928	1	1928	1928	3
2/29/1928	2	1928	1928	3
3/31/1928	3	1928	1928	3
4/30/1928	4	1928	1928	3
5/31/1928	5	1928	1928	3
6/30/1928	6	1928	1928	3
7/31/1928	7	1928	1928	3
8/31/1928	8	1928	1928	3
9/30/1928	9	1928	1928	3
10/31/1928	10	1928	1929	5
11/30/1928	11	1928	1929	5
12/31/1928	12	1928	1929	5
1/31/1929	1	1929	1929	5

2/28/1929	2	1929	1929	5
3/31/1929	3	1929	1929	5
4/30/1929	4	1929	1929	5
5/31/1929	5	1929	1929	5
6/30/1929	6	1929	1929	5
7/31/1929	7	1929	1929	5
8/31/1929	8	1929	1929	5
9/30/1929	9	1929	1929	5
10/31/1929	10	1929	1930	5
11/30/1929	11	1929	1930	5
12/31/1929	12	1929	1930	5
1/31/1930	1	1930	1930	5
2/28/1930	2	1930	1930	5
3/31/1930	3	1930	1930	5
4/30/1930	4	1930	1930	5
5/31/1930	5	1930	1930	5
6/30/1930	6	1930	1930	5
7/31/1930	7	1930	1930	5
8/31/1930	8	1930	1930	5
9/30/1930	9	1930	1930	5
10/31/1930	10	1930	1931	5
11/30/1930	11	1930	1931	5
12/31/1930	12	1930	1931	5
1/31/1931	1	1931	1931	5
2/28/1931	2	1931	1931	5
3/31/1931	3	1931	1931	5
4/30/1931	4	1931	1931	5
5/31/1931	5	1931	1931	5
6/30/1931	6	1931	1931	5
7/31/1931	7	1931	1931	5
8/31/1931	8	1931	1931	5
9/30/1931	9	1931	1931	5
10/31/1931	10	1931	1932	2
11/30/1931	11	1931	1932	2
12/31/1931	12	1931	1932	2
1/31/1932	1	1932	1932	2
2/29/1932	2	1932	1932	2
3/31/1932	3	1932	1932	2
4/30/1932	4	1932	1932	2
5/31/1932	5	1932	1932	2
6/30/1932	6	1932	1932	2
7/31/1932	7	1932	1932	2
8/31/1932	8	1932	1932	2
9/30/1932	9	1932	1932	2
10/31/1932	10	1932	1933	4
11/30/1932	11	1932	1933	4
12/31/1932	12	1932	1933	4

1/31/1933	1	1933	1933	4
2/28/1933	2	1933	1933	4
3/31/1933	3	1933	1933	4
4/30/1933	4	1933	1933	4
5/31/1933	5	1933	1933	4
6/30/1933	6	1933	1933	4
7/31/1933	7	1933	1933	4
8/31/1933	8	1933	1933	4
9/30/1933	9	1933	1933	4
10/31/1933	10	1933	1934	5
11/30/1933	11	1933	1934	5
12/31/1933	12	1933	1934	5
1/31/1934	1	1934	1934	5
2/28/1934	2	1934	1934	5
3/31/1934	3	1934	1934	5
4/30/1934	4	1934	1934	5
5/31/1934	5	1934	1934	5
6/30/1934	6	1934	1934	5
7/31/1934	7	1934	1934	5
8/31/1934	8	1934	1934	5
9/30/1934	9	1934	1934	5
10/31/1934	10	1934	1935	2
11/30/1934	11	1934	1935	2
12/31/1934	12	1934	1935	2
1/31/1935	1	1935	1935	2
2/28/1935	2	1935	1935	2
3/31/1935	3	1935	1935	2
4/30/1935	4	1935	1935	2
5/31/1935	5	1935	1935	2
6/30/1935	6	1935	1935	2
7/31/1935	7	1935	1935	2
8/31/1935	8	1935	1935	2
9/30/1935	9	1935	1935	2
10/31/1935	10	1935	1936	2
11/30/1935	11	1935	1936	2
12/31/1935	12	1935	1936	2
1/31/1936	1	1936	1936	2
2/29/1936	2	1936	1936	2
3/31/1936	3	1936	1936	2
4/30/1936	4	1936	1936	2
5/31/1936	5	1936	1936	2
6/30/1936	6	1936	1936	2
7/31/1936	7	1936	1936	2
8/31/1936	8	1936	1936	2
9/30/1936	9	1936	1936	2
10/31/1936	10	1936	1937	1
11/30/1936	11	1936	1937	1

12/31/1936	12	1936	1937	1
1/31/1937	1	1937	1937	1
2/28/1937	2	1937	1937	1
3/31/1937	3	1937	1937	1
4/30/1937	4	1937	1937	1
5/31/1937	5	1937	1937	1
6/30/1937	6	1937	1937	1
7/31/1937	7	1937	1937	1
8/31/1937	8	1937	1937	1
9/30/1937	9	1937	1937	1
10/31/1937	10	1937	1938	1
11/30/1937	11	1937	1938	1
12/31/1937	12	1937	1938	1
1/31/1938	1	1938	1938	1
2/28/1938	2	1938	1938	1
3/31/1938	3	1938	1938	1
4/30/1938	4	1938	1938	1
5/31/1938	5	1938	1938	1
6/30/1938	6	1938	1938	1
7/31/1938	7	1938	1938	1
8/31/1938	8	1938	1938	1
9/30/1938	9	1938	1938	1
10/31/1938	10	1938	1939	4
11/30/1938	11	1938	1939	4
12/31/1938	12	1938	1939	4
1/31/1939	1	1939	1939	4
2/28/1939	2	1939	1939	4
3/31/1939	3	1939	1939	4
4/30/1939	4	1939	1939	4
5/31/1939	5	1939	1939	4
6/30/1939	6	1939	1939	4
7/31/1939	7	1939	1939	4
8/31/1939	8	1939	1939	4
9/30/1939	9	1939	1939	4
10/31/1939	10	1939	1940	2
11/30/1939	11	1939	1940	2
12/31/1939	12	1939	1940	2
1/31/1940	1	1940	1940	2
2/29/1940	2	1940	1940	2
3/31/1940	3	1940	1940	2
4/30/1940	4	1940	1940	2
5/31/1940	5	1940	1940	2
6/30/1940	6	1940	1940	2
7/31/1940	7	1940	1940	2
8/31/1940	8	1940	1940	2
9/30/1940	9	1940	1940	2
10/31/1940	10	1940	1941	1

11/30/1940	11	1940	1941	1
12/31/1940	12	1940	1941	1
1/31/1941	1	1941	1941	1
2/28/1941	2	1941	1941	1
3/31/1941	3	1941	1941	1
4/30/1941	4	1941	1941	1
5/31/1941	5	1941	1941	1
6/30/1941	6	1941	1941	1
7/31/1941	7	1941	1941	1
8/31/1941	8	1941	1941	1
9/30/1941	9	1941	1941	1
10/31/1941	10	1941	1942	1
11/30/1941	11	1941	1942	1
12/31/1941	12	1941	1942	1
1/31/1942	1	1942	1942	1
2/28/1942	2	1942	1942	1
3/31/1942	3	1942	1942	1
4/30/1942	4	1942	1942	1
5/31/1942	5	1942	1942	1
6/30/1942	6	1942	1942	1
7/31/1942	7	1942	1942	1
8/31/1942	8	1942	1942	1
9/30/1942	9	1942	1942	1
10/31/1942	10	1942	1943	1
11/30/1942	11	1942	1943	1
12/31/1942	12	1942	1943	1
1/31/1943	1	1943	1943	1
2/28/1943	2	1943	1943	1
3/31/1943	3	1943	1943	1
4/30/1943	4	1943	1943	1
5/31/1943	5	1943	1943	1
6/30/1943	6	1943	1943	1
7/31/1943	7	1943	1943	1
8/31/1943	8	1943	1943	1
9/30/1943	9	1943	1943	1
10/31/1943	10	1943	1944	3
11/30/1943	11	1943	1944	3
12/31/1943	12	1943	1944	3
1/31/1944	1	1944	1944	3
2/29/1944	2	1944	1944	3
3/31/1944	3	1944	1944	3
4/30/1944	4	1944	1944	3
5/31/1944	5	1944	1944	3
6/30/1944	6	1944	1944	3
7/31/1944	7	1944	1944	3
8/31/1944	8	1944	1944	3
9/30/1944	9	1944	1944	3

Date	Month	Year 1	Year 2	Value
10/31/1944	10	1944	1945	2
11/30/1944	11	1944	1945	2
12/31/1944	12	1944	1945	2
1/31/1945	1	1945	1945	2
2/28/1945	2	1945	1945	2
3/31/1945	3	1945	1945	2
4/30/1945	4	1945	1945	2
5/31/1945	5	1945	1945	2
6/30/1945	6	1945	1945	2
7/31/1945	7	1945	1945	2
8/31/1945	8	1945	1945	2
9/30/1945	9	1945	1945	2
10/31/1945	10	1945	1946	2
11/30/1945	11	1945	1946	2
12/31/1945	12	1945	1946	2
1/31/1946	1	1946	1946	2
2/28/1946	2	1946	1946	2
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12/31/1963	12	1963	1964	4
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Date	Month	Year1	Year2	Quarter
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10/31/1964	10	1964	1965	1
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11/30/1968	11	1968	1969	1
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11/30/1971	11	1971	1972	4
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10/31/1972	10	1972	1973	2
11/30/1972	11	1972	1973	2
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11/30/1983	11	1983	1984	2

Date	Month	Year1	Year2	Code
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3/31/1991	3	1991	1991	5
4/30/1991	4	1991	1991	5
5/31/1991	5	1991	1991	5
6/30/1991	6	1991	1991	5
7/31/1991	7	1991	1991	5
8/31/1991	8	1991	1991	5
9/30/1991	9	1991	1991	5

10/31/1991	10	1991	1992	5
11/30/1991	11	1991	1992	5
12/31/1991	12	1991	1992	5
1/31/1992	1	1992	1992	5
2/29/1992	2	1992	1992	5
3/31/1992	3	1992	1992	5
4/30/1992	4	1992	1992	5
5/31/1992	5	1992	1992	5
6/30/1992	6	1992	1992	5
7/31/1992	7	1992	1992	5
8/31/1992	8	1992	1992	5
9/30/1992	9	1992	1992	5
10/31/1992	10	1992	1993	1
11/30/1992	11	1992	1993	1
12/31/1992	12	1992	1993	1
1/31/1993	1	1993	1993	1
2/28/1993	2	1993	1993	1
3/31/1993	3	1993	1993	1
4/30/1993	4	1993	1993	1
5/31/1993	5	1993	1993	1
6/30/1993	6	1993	1993	1
7/31/1993	7	1993	1993	1
8/31/1993	8	1993	1993	1
9/30/1993	9	1993	1993	1
10/31/1993	10	1993	1994	5
11/30/1993	11	1993	1994	5
12/31/1993	12	1993	1994	5
1/31/1994	1	1994	1994	5
2/28/1994	2	1994	1994	5
3/31/1994	3	1994	1994	5
4/30/1994	4	1994	1994	5
5/31/1994	5	1994	1994	5
6/30/1994	6	1994	1994	5
7/31/1994	7	1994	1994	5
8/31/1994	8	1994	1994	5
9/30/1994	9	1994	1994	5
10/31/1994	10	1994	1995	1
11/30/1994	11	1994	1995	1
12/31/1994	12	1994	1995	1
1/31/1995	1	1995	1995	1
2/28/1995	2	1995	1995	1
3/31/1995	3	1995	1995	1
4/30/1995	4	1995	1995	1
5/31/1995	5	1995	1995	1
6/30/1995	6	1995	1995	1
7/31/1995	7	1995	1995	1
8/31/1995	8	1995	1995	1

9/30/1995	9	1995	1995	1
10/31/1995	10	1995	1996	1
11/30/1995	11	1995	1996	1
12/31/1995	12	1995	1996	1
1/31/1996	1	1996	1996	1
2/29/1996	2	1996	1996	1
3/31/1996	3	1996	1996	1
4/30/1996	4	1996	1996	1
5/31/1996	5	1996	1996	1
6/30/1996	6	1996	1996	1
7/31/1996	7	1996	1996	1
8/31/1996	8	1996	1996	1
9/30/1996	9	1996	1996	1
10/31/1996	10	1996	1997	1
11/30/1996	11	1996	1997	1
12/31/1996	12	1996	1997	1
1/31/1997	1	1997	1997	1
2/28/1997	2	1997	1997	1
3/31/1997	3	1997	1997	1
4/30/1997	4	1997	1997	1
5/31/1997	5	1997	1997	1
6/30/1997	6	1997	1997	1
7/31/1997	7	1997	1997	1
8/31/1997	8	1997	1997	1
9/30/1997	9	1997	1997	1
10/31/1997	10	1997	1998	1
11/30/1997	11	1997	1998	1
12/31/1997	12	1997	1998	1
1/31/1998	1	1998	1998	1
2/28/1998	2	1998	1998	1
3/31/1998	3	1998	1998	1
4/30/1998	4	1998	1998	1
5/31/1998	5	1998	1998	1
6/30/1998	6	1998	1998	1
7/31/1998	7	1998	1998	1
8/31/1998	8	1998	1998	1
9/30/1998	9	1998	1998	1
10/31/1998	10	1998	1999	2
11/30/1998	11	1998	1999	2
12/31/1998	12	1998	1999	2
1/31/1999	1	1999	1999	2
2/28/1999	2	1999	1999	2
3/31/1999	3	1999	1999	2
4/30/1999	4	1999	1999	2
5/31/1999	5	1999	1999	2
6/30/1999	6	1999	1999	2
7/31/1999	7	1999	1999	2

8/31/1999	8	1999	1999	2
9/30/1999	9	1999	1999	2
10/31/1999	10	1999	2000	2
11/30/1999	11	1999	2000	2
12/31/1999	12	1999	2000	2
1/31/2000	1	2000	2000	2
2/29/2000	2	2000	2000	2
3/31/2000	3	2000	2000	2
4/30/2000	4	2000	2000	2
5/31/2000	5	2000	2000	2
6/30/2000	6	2000	2000	2
7/31/2000	7	2000	2000	2
8/31/2000	8	2000	2000	2
9/30/2000	9	2000	2000	2
10/31/2000	10	2000	2001	4
11/30/2000	11	2000	2001	4
12/31/2000	12	2000	2001	4
1/31/2001	1	2001	2001	4
2/28/2001	2	2001	2001	4
3/31/2001	3	2001	2001	4
4/30/2001	4	2001	2001	4
5/31/2001	5	2001	2001	4
6/30/2001	6	2001	2001	4
7/31/2001	7	2001	2001	4
8/31/2001	8	2001	2001	4
9/30/2001	9	2001	2001	4
10/31/2001	10	2001	2002	4
11/30/2001	11	2001	2002	4
12/31/2001	12	2001	2002	4
1/31/2002	1	2002	2002	4
2/28/2002	2	2002	2002	4
3/31/2002	3	2002	2002	4
4/30/2002	4	2002	2002	4
5/31/2002	5	2002	2002	4
6/30/2002	6	2002	2002	4
7/31/2002	7	2002	2002	4
8/31/2002	8	2002	2002	4
9/30/2002	9	2002	2002	4
10/31/2002	10	2002	2003	3
11/30/2002	11	2002	2003	3
12/31/2002	12	2002	2003	3
1/31/2003	1	2003	2003	3
2/28/2003	2	2003	2003	3
3/31/2003	3	2003	2003	3
4/30/2003	4	2003	2003	3
5/31/2003	5	2003	2003	3
6/30/2003	6	2003	2003	3

7/31/2003	7	2003	2003	3
8/31/2003	8	2003	2003	3
9/30/2003	9	2003	2003	3

COS5	PA20	COS5	PA20		Month	WYT	Mean Acres	
Flow	Flow	Acres	Acres				COS5	PA20
797	774	8	8		1	1	69.3	71.8
200	200	0	0		1	2	77.6	91.3
200	200	0	0		1	3	0.4	0.6
232	226	0	0		1	4	0.1	0.0
236	229	0	0		1	5	0.1	0.0
1,521	1,521	108	108		1	All	35.5	38.9
1,400	1,400	79	79		2	1	86.6	156.5
1,555	1,555	114	114		2	2	62.2	72.8
940	940	11	11		2	3	2.0	0.8
300	300	1	1		2	4	0.1	0.0
300	300	1	1		2	5	0.4	0.0
300	300	1	1		2	All	37.9	60.1
797	797	8	8		3	1	168.4	188.9
200	200	0	0		3	2	33.9	10.3
200	200	0	0		3	3	8.3	0.0
232	232	0	0		3	4	0.0	0.0
236	236	0	0		3	5	0.4	0.2
1,521	200	108	0		3	All	57.3	57.3
1,400	1,553	79	114		4	1	102.8	98.5
1,555	1,242	114	40		4	2	72.1	114.9
940	363	11	2		4	3	60.7	80.0
300	265	1	0		4	4	48.5	4.9
300	283	1	0		4	5	12.7	3.7
300	250	1	0		4	All	64.0	65.4
797	774	8	8		5	1	116.2	109.7
200	200	0	0		5	2	56.1	47.9
200	200	0	0		5	3	28.9	26.7
232	226	0	0		5	4	19.2	3.5
236	229	0	0		5	5	7.7	2.9
347	347	1	1		5	All	54.1	46.8
840	534	9	4		6	1	47.0	81.5
712	400	7	2		6	2	31.2	2.1
363	200	1	0		6	3	5.1	1.0
296	200	1	0		6	4	0.8	0.0
283	200	0	0		6	5	0.5	0.0
249	200	0	0		6	All	20.9	24.4
636	577	6	5		7	1	34.6	49.6
200	200	0	0		7	2	0.3	0.2
200	200	0	0		7	3	0.2	0.2
219	213	0	0		7	4	0.6	0.1
221	214	0	0		7	5	0.4	0.0

200	200	0	0
1,553	1,553	114	114
1,242	1,242	40	40
363	363	2	2
265	265	0	0
283	283	0	0
250	250	0	0
774	774	8	8
200	200	0	0
200	200	0	0
226	226	0	0
229	229	0	0
207	207	0	0
767	460	8	3
631	400	6	2
331	200	1	0
286	200	0	0
283	200	0	0
249	200	0	0
636	577	6	5
200	200	0	0
200	200	0	0
219	213	0	0
221	214	0	0
200	200	0	0
767	1,553	8	114
875	1,242	10	40
1,161	363	31	2
265	265	0	0
283	283	0	0
249	250	0	0
636	774	6	8
200	200	0	0
200	200	0	0
219	226	0	0
221	229	0	0
200	200	0	0
767	767	8	8
651	631	6	6
255	255	0	0
265	265	0	0
283	283	0	0
249	249	0	0
636	636	6	6
200	200	0	0
200	200	0	0
219	219	0	0

7	All	10.4	14.6
8	1	22.2	22.0
8	2	0.5	0.5
8	3	0.5	0.4
8	4	0.4	0.2
8	5	0.3	0.0
8	All	6.8	6.6
9	1	29.4	29.4
9	2	0.2	0.0
9	3	0.1	0.0
9	4	0.0	0.0
9	5	0.0	0.0
9	All	8.7	8.6
10	1	12.6	12.5
10	2	7.2	7.3
10	3	7.0	6.7
10	4	7.7	7.9
10	5	6.0	5.6
10	All	8.6	8.5
11	1	10.3	10.3
11	2	27.9	28.3
11	3	0.1	0.0
11	4	0.1	0.0
11	5	0.0	0.0
11	All	8.5	8.5
12	1	29.6	15.2
12	2	51.6	51.9
12	3	0.1	0.0
12	4	0.1	0.1
12	5	0.1	0.1
12	All	18.8	14.6

221	221	0	0
200	200	0	0
460	460	3	3
511	400	3	2
255	200	0	0
265	200	0	0
283	200	0	0
249	200	0	0
577	577	5	5
200	200	0	0
306	306	1	1
213	213	0	0
214	214	0	0
200	200	0	0
569	523	4	4
524	400	4	2
282	200	0	0
271	200	0	0
283	200	0	0
249	200	0	0
577	577	5	5
200	200	0	0
306	306	1	1
213	213	0	0
239	214	0	0
304	273	1	0
996	836	12	9
974	817	12	9
322	200	1	0
311	200	1	0
249	200	0	0
200	200	0	0
577	577	5	5
200	200	0	0
200	200	0	0
213	213	0	0
214	214	0	0
200	200	0	0
480	1,574	3	118
432	1,242	2	40
1,205	363	35	2
265	265	0	0
283	283	0	0
249	250	0	0
577	774	5	8
200	200	0	0
306	306	1	1

213	226	0	0
272	229	0	0
200	200	0	0
523	523	4	4
577	400	5	2
262	200	0	0
313	200	1	0
200	200	0	0
200	200	0	0
577	577	5	5
200	200	0	0
200	200	0	0
213	213	0	0
214	214	0	0
200	200	0	0
958	830	12	9
947	822	11	9
248	200	0	0
150	200	0	0
150	200	0	0
150	150	0	0
577	577	5	5
200	200	0	0
200	200	0	0
213	213	0	0
829	214	9	0
200	200	0	0
460	1,553	3	114
432	1,242	2	40
1,100	363	24	2
265	265	0	0
283	283	0	0
249	250	0	0
577	774	5	8
200	200	0	0
200	200	0	0
213	226	0	0
608	608	5	5
200	200	0	0
767	1,553	8	114
631	1,242	6	40
523	363	4	2
265	265	0	0
283	283	0	0
249	250	0	0
636	774	6	8
200	200	0	0

200	200	0	0
219	226	0	0
251	229	0	0
200	200	0	0
767	1,553	8	114
631	1,242	6	40
356	363	1	2
265	265	0	0
283	283	0	0
249	250	0	0
636	774	6	8
200	200	0	0
200	200	0	0
219	226	0	0
414	414	2	2
1,648	1,521	132	108
1,633	1,400	129	79
1,958	1,555	178	114
1,100	940	24	11
429	300	2	1
400	300	2	1
400	300	2	1
842	797	9	8
300	200	1	0
300	200	1	0
358	232	1	0
364	236	2	0
200	200	0	0
1,595	808	122	9
1,242	631	40	6
363	255	2	0
265	265	0	0
283	283	0	0
250	249	0	0
774	636	8	6
200	200	0	0
200	200	0	0
226	219	0	0
229	221	0	0
200	200	0	0
1,553	1,553	114	114
1,242	1,242	40	40
897	363	10	2
265	265	0	0
283	283	0	0
250	250	0	0
774	774	8	8

200	200	0	0
200	200	0	0
226	226	0	0
229	229	0	0
1,521	1,521	108	108
1,400	1,400	79	79
1,555	1,555	114	114
940	940	11	11
300	300	1	1
300	300	1	1
300	300	1	1
797	797	8	8
200	200	0	0
200	200	0	0
232	232	0	0
236	236	0	0
1,648	1,521	132	108
1,633	1,400	129	79
1,958	1,555	178	114
1,100	940	24	11
429	300	2	1
400	300	2	1
400	475	2	3
842	797	9	8
300	200	1	0
300	671	1	6
2,610	2,870	281	337
2,245	2,245	220	220
3,532	3,532	425	425
1,683	1,603	138	123
1,958	1,242	178	40
1,100	363	24	2
470	265	3	0
400	283	2	0
400	250	2	0
842	774	9	8
300	200	1	0
300	200	1	0
358	226	1	0
364	229	2	0
200	200	0	0
1,553	1,553	114	114
1,242	1,242	40	40
363	363	2	2
265	265	0	0
283	283	0	0
250	250	0	0

774	774	8	8
200	200	0	0
200	200	0	0
226	226	0	0
229	229	0	0
200	200	0	0
1,720	1,720	145	145
1,242	1,242	40	40
787	363	8	2
265	265	0	0
283	283	0	0
250	250	0	0
774	774	8	8
200	200	0	0
213	213	0	0
226	226	0	0
229	229	0	0
200	200	0	0
1,650	1,650	132	132
1,242	1,242	40	40
676	363	6	2
265	265	0	0
283	283	0	0
250	250	0	0
774	774	8	8
200	200	0	0
200	200	0	0
226	226	0	0
229	229	0	0
200	200	0	0
767	460	8	3
829	444	9	3
255	200	0	0
307	200	1	0
283	200	0	0
249	200	0	0
636	577	6	5
200	200	0	0
200	200	0	0
219	213	0	0
661	214	6	0
200	200	0	0
952	952	11	11
920	783	11	8
279	255	0	0
265	265	0	0
283	283	0	0

249	249	0	0
636	636	6	6
200	200	0	0
200	200	0	0
219	219	0	0
221	221	0	0
200	200	0	0
767	767	8	8
853	648	10	6
255	255	0	0
265	265	0	0
283	283	0	0
249	249	0	0
636	636	6	6
200	200	0	0
200	200	0	0
219	219	0	0
221	221	0	0
200	200	0	0
1,001	1,001	13	13
915	631	11	6
255	255	0	0
265	265	0	0
283	283	0	0
249	249	0	0
636	636	6	6
200	200	0	0
200	304	0	1
219	2,239	0	219
221	1,973	0	180
200	577	0	5
1,553	1,553	114	114
1,242	1,242	40	40
363	363	2	2
265	265	0	0
283	283	0	0
250	250	0	0
774	774	8	8
200	200	0	0
200	200	0	0
226	226	0	0
275	275	0	0
1,656	1,528	133	109
1,643	1,409	130	81
1,958	1,555	178	114
1,100	4,016	24	506
1,178	1,890	32	169

1,431	1,431	86	86
1,387	1,387	75	75
842	797	9	8
300	200	1	0
300	200	1	0
548	790	4	8
905	905	11	11
1,521	200	108	0
1,498	1,651	103	132
1,555	1,242	114	40
940	363	11	2
300	265	1	0
300	283	1	0
300	250	1	0
797	774	8	8
200	200	0	0
200	200	0	0
232	226	0	0
368	229	2	0
200	200	0	0
1,911	1,911	172	172
1,242	1,242	40	40
363	363	2	2
265	265	0	0
283	283	0	0
250	250	0	0
774	774	8	8
200	200	0	0
200	200	0	0
226	226	0	0
229	229	0	0
200	200	0	0
767	460	8	3
841	507	9	3
255	200	0	0
327	200	1	0
283	200	0	0
249	200	0	0
636	577	6	5
200	200	0	0
346	346	1	1
281	281	0	0
221	214	0	0
1,521	1,521	108	108
1,400	1,400	79	79
1,555	1,555	114	114
940	940	11	11

300	300	1	1
300	300	1	1
300	300	1	1
797	797	8	8
200	200	0	0
200	200	0	0
232	232	0	0
236	236	0	0
200	200	0	0
1,553	1,553	114	114
1,242	1,242	40	40
446	363	3	2
265	265	0	0
283	283	0	0
250	250	0	0
774	774	8	8
200	200	0	0
200	200	0	0
226	226	0	0
229	229	0	0
1,521	1,521	108	108
1,400	1,400	79	79
1,570	1,570	117	117
940	940	11	11
300	300	1	1
300	300	1	1
300	300	1	1
797	797	8	8
200	200	0	0
200	200	0	0
232	232	0	0
236	236	0	0
200	200	0	0
1,553	767	114	8
1,242	631	40	6
363	255	2	0
265	265	0	0
283	283	0	0
250	249	0	0
774	636	8	6
200	200	0	0
200	200	0	0
226	219	0	0
229	221	0	0
200	200	0	0
767	460	8	3
690	400	7	2

255	200	0	0
265	200	0	0
283	200	0	0
249	200	0	0
636	577	6	5
200	200	0	0
200	200	0	0
219	213	0	0
224	214	0	0
200	200	0	0
579	460	5	3
549	400	4	2
259	200	0	0
296	200	1	0
283	200	0	0
249	200	0	0
577	577	5	5
200	200	0	0
200	200	0	0
213	213	0	0
214	214	0	0
200	200	0	0
460	1,553	3	114
605	1,242	5	40
255	363	0	2
265	265	0	0
283	283	0	0
249	250	0	0
577	774	5	8
200	200	0	0
200	200	0	0
213	226	0	0
483	229	3	0
480	200	3	0
767	1,553	8	114
1,127	1,307	27	55
1,043	363	17	2
265	265	0	0
283	283	0	0
249	250	0	0
636	774	6	8
200	200	0	0
200	200	0	0
219	226	0	0
221	229	0	0
200	200	0	0
460	460	3	3

546	400	4	2
255	200	0	0
278	200	0	0
283	200	0	0
249	200	0	0
577	577	5	5
200	200	0	0
638	638	6	6
213	213	0	0
214	214	0	0
200	200	0	0
1,553	1,553	114	114
1,242	1,242	40	40
925	363	11	2
265	265	0	0
283	283	0	0
250	250	0	0
774	774	8	8
200	200	0	0
200	200	0	0
226	226	0	0
229	229	0	0
200	200	0	0
777	777	8	8
926	631	11	6
316	255	1	0
265	265	0	0
283	283	0	0
249	249	0	0
636	636	6	6
200	200	0	0
200	200	0	0
219	219	0	0
908	221	11	0
1,521	1,521	108	108
1,400	1,400	79	79
1,672	1,672	136	136
940	940	11	11
300	300	1	1
300	300	1	1
300	300	1	1
797	797	8	8
200	200	0	0
200	200	0	0
232	232	0	0
236	236	0	0
200	200	0	0

1,553	767	114	8
1,242	631	40	6
363	255	2	0
265	265	0	0
283	283	0	0
250	249	0	0
774	636	8	6
200	200	0	0
200	200	0	0
363	439	1	3
229	3,290	0	397
1,648	1,736	132	148
1,690	1,457	139	93
2,373	3,464	239	416
1,100	3,665	24	447
919	1,704	11	142
1,338	1,338	63	63
1,294	1,294	52	52
842	797	9	8
300	200	1	0
876	1,018	10	14
5,444	5,444	810	810
2,595	2,595	278	278
1,521	718	108	7
1,400	1,553	79	114
1,555	1,242	114	40
950	363	11	2
300	265	1	0
300	283	1	0
300	250	1	0
797	774	8	8
200	200	0	0
200	200	0	0
232	226	0	0
236	229	0	0
200	200	0	0
1,553	1,553	114	114
1,242	1,242	40	40
700	363	7	2
265	265	0	0
283	283	0	0
250	250	0	0
774	774	8	8
200	200	0	0
219	219	0	0
226	226	0	0
229	229	0	0

200	200	0	0
1,553	460	114	3
1,242	400	40	2
363	200	2	0
284	200	0	0
283	200	0	0
250	200	0	0
774	577	8	5
200	200	0	0
200	200	0	0
226	213	0	0
229	219	0	0
200	200	0	0
1,553	1,553	114	114
1,242	1,242	40	40
1,451	363	91	2
265	265	0	0
283	283	0	0
250	250	0	0
774	774	8	8
200	200	0	0
200	200	0	0
226	226	0	0
229	229	0	0
200	1,204	0	35
1,553	1,553	114	114
1,242	1,242	40	40
1,359	363	68	2
493	265	3	0
283	283	0	0
250	409	0	2
774	774	8	8
200	234	0	0
200	525	0	4
226	565	0	4
266	1,417	0	83
200	1,158	0	30
1,553	1,553	114	114
1,317	1,242	57	40
363	363	2	2
369	265	2	0
283	283	0	0
250	250	0	0
774	774	8	8
200	200	0	0
200	200	0	0
226	226	0	0

229	229	0	0
200	200	0	0
767	460	8	3
702	400	7	2
255	200	0	0
286	200	0	0
283	200	0	0
249	200	0	0
636	577	6	5
200	200	0	0
200	200	0	0
219	213	0	0
422	214	2	0
502	200	3	0
585	466	5	3
559	400	4	2
272	200	0	0
319	200	1	0
321	200	1	0
249	200	0	0
577	577	5	5
200	200	0	0
200	200	0	0
213	213	0	0
214	214	0	0
335	1,656	1	133
767	1,400	8	79
690	1,614	7	125
255	940	0	11
265	300	0	1
283	300	0	1
249	300	0	1
636	797	6	8
200	200	0	0
200	200	0	0
235	248	0	0
221	236	0	0
200	200	0	0
1,553	1,553	114	114
1,414	1,414	82	82
1,624	363	127	2
265	265	0	0
283	283	0	0
250	250	0	0
774	774	8	8
200	200	0	0
235	235	0	0

300	300	1	1
229	229	0	0
1,521	1,521	108	108
1,400	1,400	79	79
1,555	1,555	114	114
940	940	11	11
300	300	1	1
300	300	1	1
300	300	1	1
797	797	8	8
200	200	0	0
200	200	0	0
232	232	0	0
236	236	0	0
200	200	0	0
767	767	8	8
631	631	6	6
255	255	0	0
265	265	0	0
283	283	0	0
249	249	0	0
636	636	6	6
200	200	0	0
200	200	0	0
219	226	0	0
221	5,635	0	810
2,458	3,582	251	433
2,766	2,766	315	315
1,958	1,555	178	114
1,100	1,113	24	25
871	1,260	10	43
1,363	1,363	69	69
2,274	2,274	224	224
1,690	1,690	139	139
2,429	2,429	247	247
2,918	2,918	347	347
4,270	4,270	568	568
5,341	5,341	810	810
6,185	6,185	810	810
1,633	1,400	129	79
1,958	1,555	178	114
4,879	5,527	765	810
3,666	3,666	447	447
1,929	1,929	174	174
2,047	2,047	190	190
842	797	9	8
3,652	3,698	445	453

5,833	5,833	810	810
2,886	2,886	340	340
2,582	2,582	275	275
1,521	1,521	108	108
1,400	1,400	79	79
1,555	1,555	114	114
940	940	11	11
300	300	1	1
300	300	1	1
300	300	1	1
797	797	8	8
200	200	0	0
200	200	0	0
232	232	0	0
236	236	0	0
200	200	0	0
1,553	767	114	8
1,242	631	40	6
363	255	2	0
321	265	1	0
283	283	0	0
250	249	0	0
774	636	8	6
200	200	0	0
200	200	0	0
226	219	0	0
518	3,331	4	401
4,495	5,307	622	810
1,633	1,400	129	79
1,958	1,555	178	114
1,100	940	24	11
429	300	2	1
400	300	2	1
400	300	2	1
842	797	9	8
300	200	1	0
300	200	1	0
358	232	1	0
364	236	2	0
200	200	0	0
1,553	460	114	3
1,242	400	40	2
363	200	2	0
265	200	0	0
283	200	0	0
250	200	0	0
774	577	8	5

200	200	0	0
200	200	0	0
226	213	0	0
329	214	1	0
256	256	0	0
466	460	3	3
567	400	4	2
286	200	0	0
272	200	0	0
283	200	0	0
249	200	0	0
577	577	5	5
200	200	0	0
200	200	0	0
213	213	0	0
285	214	0	0
200	200	0	0
460	460	3	3
591	400	5	2
255	200	0	0
265	200	0	0
283	200	0	0
249	200	0	0
577	577	5	5
200	200	0	0
200	200	0	0
213	213	0	0
255	214	0	0
200	200	0	0
595	460	5	3
547	400	4	2
282	200	0	0
251	200	0	0
258	200	0	0
200	200	0	0
577	577	5	5
200	200	0	0
200	200	0	0
213	213	0	0
353	214	1	0
200	200	0	0
461	461	3	3
579	400	5	2
293	200	1	0
150	200	0	0
150	200	0	0
150	200	0	0

577	577	5	5
200	200	0	0
200	200	0	0
213	213	0	0
214	214	0	0
200	200	0	0
600	460	5	3
400	400	2	2
150	200	0	0
161	200	0	0
150	200	0	0
150	200	0	0
577	577	5	5
198	200	0	0
200	200	0	0
213	213	0	0
214	214	0	0
200	200	0	0
502	1,581	3	119
423	1,265	2	44
263	363	0	2
1,346	265	65	0
283	283	0	0
249	250	0	0
577	774	5	8
200	200	0	0
200	200	0	0
213	226	0	0
214	229	0	0
325	325	1	1
581	460	5	3
538	400	4	2
325	200	1	0
358	200	1	0
284	200	0	0
249	200	0	0
581	581	5	5
200	200	0	0
200	200	0	0
323	323	1	1
235	214	0	0
243	1,521	0	108
1,553	1,400	114	79
1,242	1,555	40	114
363	940	2	11
265	300	0	1
283	300	0	1

250	300	0	1
774	797	8	8
200	200	0	0
200	200	0	0
226	232	0	0
292	299	1	1
1,521	1,521	108	108
1,400	1,400	79	79
1,555	1,555	114	114
940	940	11	11
344	300	1	1
300	300	1	1
300	300	1	1
797	797	8	8
200	200	0	0
2,953	306	355	1
7,855	7,855	810	810
7,801	7,801	810	810
3,785	2,872	467	337
1,400	1,400	79	79
1,555	1,555	114	114
940	940	11	11
300	300	1	1
300	300	1	1
300	300	1	1
797	797	8	8
200	200	0	0
200	200	0	0
232	232	0	0
2,260	2,260	222	222
2,000	2,000	183	183
1,633	1,400	129	79
1,958	1,555	178	114
1,100	1,001	24	13
2,409	3,130	244	379
1,605	1,605	124	124
1,753	1,753	151	151
996	996	12	12
324	324	1	1
619	619	5	5
1,449	1,449	91	91
3,538	3,538	426	426
1,521	935	108	11
1,400	1,553	79	114
1,555	1,242	114	40
1,475	363	98	2
300	265	1	0

300	283	1	0
300	250	1	0
797	774	8	8
200	200	0	0
200	200	0	0
232	226	0	0
236	375	0	2
1,521	1,192	108	34
1,400	1,553	79	114
1,555	1,242	114	40
983	363	12	2
300	265	1	0
300	283	1	0
300	250	1	0
797	774	8	8
200	200	0	0
200	200	0	0
232	226	0	0
236	229	0	0
200	200	0	0
775	469	8	3
679	400	6	2
281	200	0	0
311	200	1	0
283	200	0	0
249	200	0	0
636	577	6	5
200	200	0	0
200	200	0	0
219	213	0	0
236	220	0	0
200	200	0	0
784	477	8	3
750	400	8	2
294	200	1	0
309	200	1	0
283	200	0	0
249	200	0	0
636	577	6	5
200	200	0	0
200	200	0	0
219	213	0	0
705	220	7	0
200	200	0	0
793	1,580	8	119
895	1,242	10	40
1,245	368	40	2

250	52,000	165,000	415,000
300	53,000	160,000	420,000
400	50,000	155,000	420,000
500	49,000	150,000	415,000
600	50,000	148,000	425,000
700	51,000	138,000	390,000
800	54,000	135,000	375,000
1000	57,000	128,000	370,000
1100	57,500	130,000	350,000
1200	58,000	127,000	325,000
1400	58,000	125,000	300,000
1500	59,000	125,000	280,000
9999	59,000	125,000	280,000

265	265	0	0
283	283	0	0
249	250	0	0

Month	WYT	Difference PA20 minus COS5	% Difference PA20 vs. COS5	Combined PA20 vs. COS5
January	Wet	2.6	3.69	3 (4%)
	Above Normal	13.7	17.62	14 (17.62%)
	Below Normal	0.2	49.79	0 (49.8%)
	Dry	-0.1	-100.00	0 (-100%)
	Critical	-0.1	-100.00	0 (-100%)
	All	3.4	9.62	3 (10%)
February	Wet	69.9	80.63	70 (81%)
	Above Normal	10.6	16.99	11 (16.99%)
	Below Normal	-1.2	-60.10	-1 (-60.1%)
	Dry	-0.1	-100.00	0 (-100%)
	Critical	-0.4	-100.00	0 (-100%)
	All	22.2	58.55	22 (59%)
March	Wet	20.5	12.14	20 (12.1%)
	Above Normal	-23.6	-69.64	-24 (-69.6%)
	Below Normal	-8.3	-100.00	-8 (-100%)
	Dry	0.0	#DIV/0!	#DIV/0!
	Critical	-0.2	-58.70	0 (-58.7%)
	All	0.0	0.04	0 (0%)
April	Wet	-4.4	-4.24	-4 (-4.2%)
	Above Normal	42.8	59.32	43 (59.3%)
	Below Normal	19.2	31.69	19 (32%)
	Dry	-43.6	-89.90	-44 (-89.9%)
	Critical	-8.9	-70.68	-9 (-71%)
	All	1.5	2.28	1 (2.3%)
May	Wet	-6.5	-5.59	-6 (-5.59%)
	Above Normal	-8.2	-14.68	-8 (-15%)
	Below Normal	-2.2	-7.53	-2 (-7.5%)
	Dry	-15.7	-81.78	-16 (-82%)
	Critical	-4.8	-62.84	-5 (-63%)
	All	-7.3	-13.48	-7 (-13.5%)
June	Wet	34.5	73.50	35 (73%)
	Above Normal	-29.1	-93.24	-29 (-93.24%)
	Below Normal	-4.2	-81.32	-4 (-81.3%)
	Dry	-0.7	-96.41	-1 (-96%)
	Critical	-0.5	-100.00	0 (-100%)
	All	3.6	17.07	4 (17%)
July	Wet	15.0	43.21	15 (43%)
	Above Normal	-0.1	-33.56	0 (-33.56%)
	Below Normal	0.0	-15.10	0 (-15.1%)
	Dry	-0.5	-86.20	0 (-86%)
	Critical	-0.4	-100.00	0 (-100%)

	All	4.2	40.36	4 (40%)
August	Wet	-0.2	-0.95	0 (-1%)
	Above Normal	-0.1	-11.11	0 (-11.1%)
	Below Normal	0.0	-3.82	0 (-3.8%)
	Dry	-0.2	-58.33	0 (-58%)
	Critical	-0.3	-100.00	0 (-100%)
	All	-0.2	-2.63	0 (-2.6%)
September	Wet	0.0	-0.03	0 (0%)
	Above Normal	-0.2	-80.00	0 (-80%)
	Below Normal	-0.1	-100.00	0 (-100%)
	Dry	0.0	-100.00	0 (-100%)
	Critical	0.0	-100.00	0 (-100%)
	All	0.0	-0.50	0 (-0.5%)
October	Wet	-0.1	-0.62	0 (-0.62%)
	Above Normal	0.0	0.57	0 (1%)
	Below Normal	-0.3	-4.01	0 (-4%)
	Dry	0.3	3.52	0 (4%)
	Critical	-0.4	-5.96	0 (-6%)
	All	-0.1	-1.00	0 (-1%)
November	Wet	0.0	-0.27	0 (-0.3%)
	Above Normal	0.4	1.58	0 (1.6%)
	Below Normal	-0.1	-100.00	0 (-100%)
	Dry	-0.1	-100.00	0 (-100%)
	Critical	0.0	-100.00	0 (-100%)
	All	0.0	0.54	0 (0.5%)
December	Wet	-14.4	-48.58	-14 (-48.58%)
	Above Normal	0.3	0.62	0 (1%)
	Below Normal	-0.1	-100.00	0 (-100%)
	Dry	-0.1	-47.33	0 (-47%)
	Critical	0.0	-31.00	0 (-31%)
	All	-4.2	-22.22	-4 (-22.2%)

Month	WYT	COS5	PA20	PA20 vs. COS5
January	Wet	69	72	3 (4%)
	Above Normal	78	91	14 (17.62%)
	Below Normal	0	1	0 (49.8%)
	Dry	0	0	0 (-100%)
	Critical	0	0	0 (-100%)
	All	36	39	3 (10%)
February	Wet	87	156	70 (81%)
	Above Normal	62	73	11 (16.99%)
	Below Normal	2	1	-1 (-60.1%)
	Dry	0	0	0 (-100%)
	Critical	0	0	0 (-100%)
	All	38	60	22 (59%)
March	Wet	168	189	20 (12.1%)
	Above Normal	34	10	-24 (-69.6%)
	Below Normal	8	0	-8 (-100%)
	Dry	0	0	#DIV/0!
	Critical	0	0	0 (-58.7%)
	All	57	57	0 (0%)
April	Wet	103	98	-4 (-4.2%)
	Above Normal	72	115	43 (59.3%)
	Below Normal	61	80	19 (32%)
	Dry	49	5	-44 (-89.9%)
	Critical	13	4	-9 (-71%)
	All	64	65	1 (2.3%)
May	Wet	116	110	-6 (-5.59%)
	Above Normal	56	48	-8 (-15%)
	Below Normal	29	27	-2 (-7.5%)
	Dry	19	4	-16 (-82%)
	Critical	8	3	-5 (-63%)
	All	54	47	-7 (-13.5%)
June	Wet	47	82	35 (73%)
	Above Normal	31	2	-29 (-93.24%)
	Below Normal	5	1	-4 (-81.3%)
	Dry	1	0	-1 (-96%)
	Critical	0	0	0 (-100%)
	All	21	24	4 (17%)
July	Wet	35	50	15 (43%)
	Above Normal	0	0	0 (-33.56%)
	Below Normal	0	0	0 (-15.1%)
	Dry	1	0	0 (-86%)
	Critical	0	0	0 (-100%)

	All	10	15	4 (40%)
August	Wet	22	22	0 (-1%)
	Above Normal	1	0	0 (-11.1%)
	Below Normal	0	0	0 (-3.8%)
	Dry	0	0	0 (-58%)
	Critical	0	0	0 (-100%)
	All	7	7	0 (-2.6%)
September	Wet	29	29	0 (0%)
	Above Normal	0	0	0 (-80%)
	Below Normal	0	0	0 (-100%)
	Dry	0	0	0 (-100%)
	Critical	0	0	0 (-100%)
	All	9	9	0 (-0.5%)
October	Wet	13	12	0 (-0.62%)
	Above Normal	7	7	0 (1%)
	Below Normal	7	7	0 (-4%)
	Dry	8	8	0 (4%)
	Critical	6	6	0 (-6%)
	All	9	8	0 (-1%)
November	Wet	10	10	0 (-0.3%)
	Above Normal	28	28	0 (1.6%)
	Below Normal	0	0	0 (-100%)
	Dry	0	0	0 (-100%)
	Critical	0	0	0 (-100%)
	All	8	9	0 (0.5%)
December	Wet	30	15	-14 (-48.58%)
	Above Normal	52	52	0 (1%)
	Below Normal	0	0	0 (-100%)
	Dry	0	0	0 (-47%)
	Critical	0	0	0 (-31%)
	All	19	15	-4 (-22.2%)

DON'T WRITE		IN ORANGE COLUMN!!				

			All Years			Wet	
		Water Year	WUA, S6		%	WUA, S6	
		Type	COS5	PA20	%	COS5	PA20
		1	0	0	100%	0	0
		1	0	0	100%	0	0
		1	0	0	99%	0	0
		1	0	0	99%	0	0
		1	0	0	99%	0	0
		1	0	0	98%	0	0
		1	0	0	98%	0	0
		1	0	0	98%	0	0
		1	0	0	98%	0	0
		1	0	0	97%	0	0
		1	0	0	97%	0	0
		1	0	0	97%	0	0
		1	0	0	96%	0	0
		1	0	0	96%	0	0
		1	0	0	96%	0	0
		1	0	0	95%	0	0
		1	0	0	95%	0	0
		1	0	0	95%	0	1
		1	0	0	94%	0	2
		1	0	0	94%	0	30
		1	0	0	94%	0	35
		1	0	0	94%	0	40
		1	0	0	93%	1	40
		1	0	0	93%	1	40
		1	0	0	93%	2	40
		1	0	0	92%	2	40
		1	0	0	92%	3	44
		1	0	0	92%	4	79
		1	0	0	91%	6	79
		1	0	0	91%	7	79
		1	0	0	91%	8	79
		1	0	0	91%	8	79
		1	0	0	90%	11	79
		1	0	0	90%	40	79
		1	0	0	90%	40	79
		1	0	0	89%	40	79
		1	0	0	89%	57	79
		1	0	0	89%	79	79
		1	0	0	88%	79	79
		1	0	0	88%	79	79
		1	0	0	88%	79	79
		1	0	0	87%	79	79
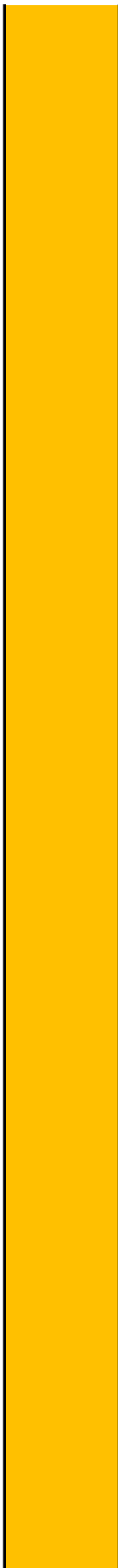
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1	0	0	74%	183	315
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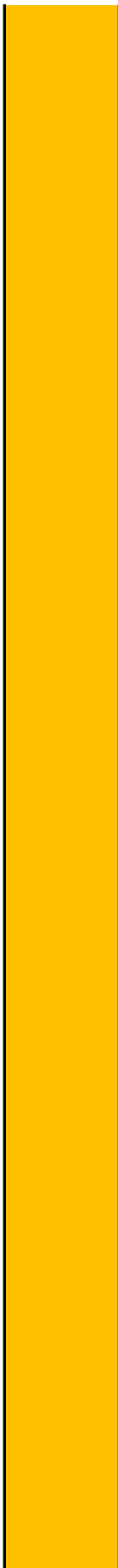
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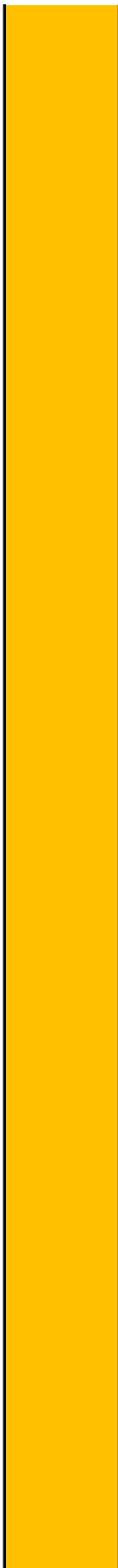
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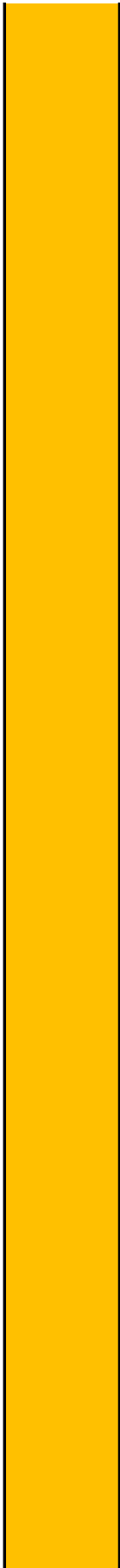
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5	114.0892	114	15%
5	114	114	15%
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5	117	114	12%
5	122	114	12%
5	129	114	12%
5	129	114	11%
5	129	114	11%
5	129	114	11%
5	129	114.0892	10%
5	130	114	10%
5	132	114	10%
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5	132	118	9%
5	132	119	9%
5	133	119	9%
5	136	123	8%
5	138	125	8%
5	139	132	8%
5	145	132	7%
5	172	133	7%
5	178	136	7%
5	178	145	6%
5	178	148	6%
5	178	172	6%
5	178	180	6%
5	178	183	5%
5	178	220	5%
5	178	222	5%
5	183	275	4%
5	220	278	4%
5	222	315	4%
5	239	337	3%
5	251	397	3%
5	275	401	3%
5	278	416	2%
5	315	425	2%
5	425	426	2%
5	426	433	2%
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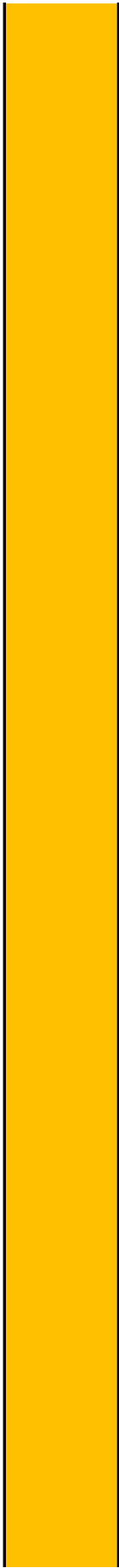
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5	810	810	1%
5	810	810	0%
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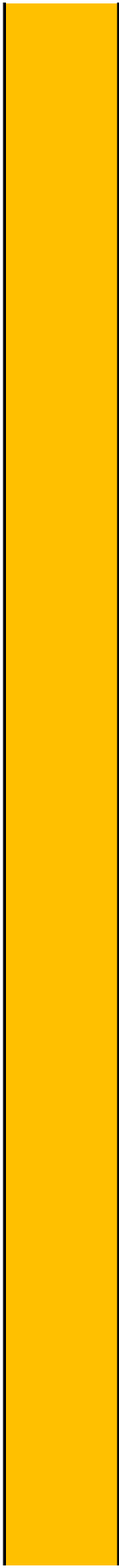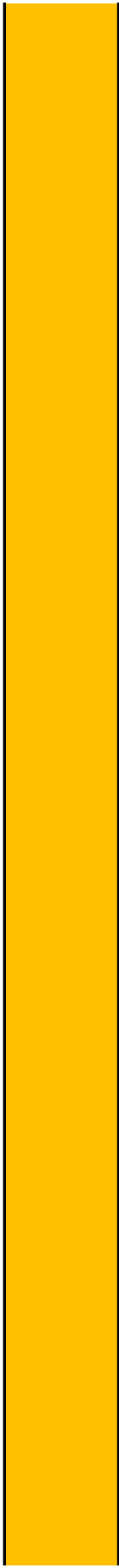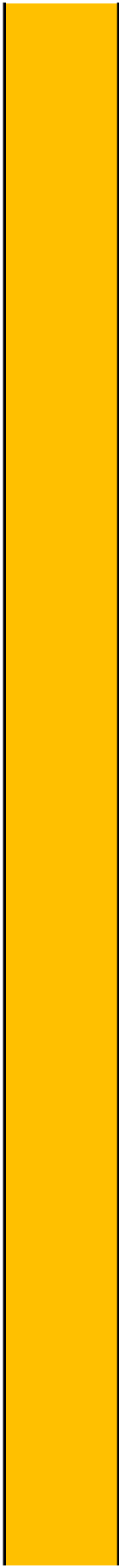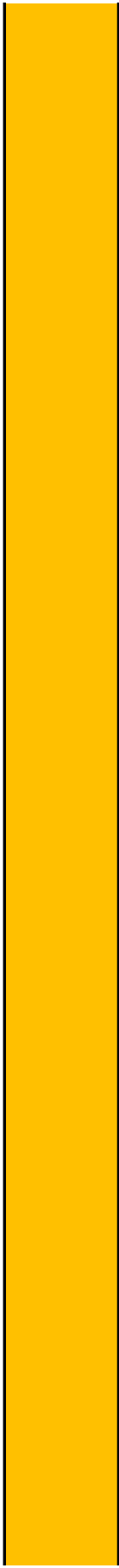
%	Above Normal WUA, S6		%	Below Normal WUA, S6		%	Dry WUA, S6	
Fry								
%	COS5	PA20	%	COS5	PA20	%	COS5	PA20
100%	0	0	100%	0	0	100%	0	0
99%	0	0	98%	0	0	98%	0	0
98%	0	0	97%	0	0	96%	0	0
97%	0	0	95%	0	0	94%	0	0
96%	0	0	94%	0	0	92%	0	0
95%	0	0	92%	0	0	90%	0	0
94%	0	0	90%	0	0	88%	0	0
93%	0	0	89%	0	0	86%	0	0
92%	0	0	87%	0	0	84%	0	0
91%	0	0	86%	0	0	82%	0	0
89%	0	0	84%	0	0	80%	0	0
88%	0	0	83%	0	0	78%	0	0
87%	0	0	81%	0	0	76%	0	0
86%	0	0	79%	0	0	75%	0	0
85%	0	0	78%	0	0	73%	0	0
84%	0	0	76%	0	0	71%	0	0
83%	0	0	75%	0	0	69%	0	0
82%	0	0	73%	0	0	67%	0	0
81%	0	0	71%	0	0	65%	0	0
80%	0	0	70%	0	0	63%	0	0
79%	2	0	68%	2	0	61%	0	0
78%	2	2	67%	2	0	59%	0	0
77%	3	5	65%	3	0	57%	0	0
76%	3	5	63%	5	0	55%	0	0
75%	3	7	62%	6	0	53%	0	0
74%	3	11	60%	6	6	51%	2	0
73%	5	34	59%	7	6	49%	3	2
72%	6	40	57%	8	6	47%	4	2
71%	8	40	56%	8	6	45%	4	2
69%	8	40	54%	8	8	43%	5	2
68%	8	40	52%	8	8	41%	6	2
67%	9	40	51%	10	8	39%	6	2
66%	10	40	49%	10	8	37%	6	3
65%	27	40	48%	11	11	35%	8	3
64%	40	40	46%	11	11	33%	8	3
63%	40	40	44%	11	13	31%	8	3
62%	40	40	43%	11	40	29%	8	3
61%	40	40	41%	11	40	27%	8	3
60%	40	40	40%	13	40	25%	8	3
59%	79	40	38%	40	40	24%	8	3
58%	79	55	37%	40	40	22%	9	3
57%	79	79	35%	40	40	20%	9	4

56%	79	82	33%	40	40	18%	40	6
55%	79	108	32%	40	40	16%	40	6
54%	82	114	30%	103	114	14%	40	6
53%	108	114	29%	108	114	12%	40	6
52%	108	114	27%	114	114	10%	40	6
51%	108	114	25%	114	114	8%	114	8
49%	108	114	24%	114	114	6%	114	8
48%	108	114	22%	114	119	4%	114	8
47%	114	114	21%	114	132	2%	114	8
46%	114	114	19%	172	172	0%	122	9
45%	114	114	17%					
44%	114	114	16%					
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42%	114	114	13%					
41%	114	114	11%					
40%	114	118	10%					
39%	114	132	8%					
38%	132	145	6%					
37%	145	180	5%					
36%	275	275	3%					
35%	278	278	2%					
34%	426	426	0%					
33%								
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%	Critical WUA, S6		%	Water	All Years WUA, S5		%	WUA
%	COS5	PA20	%	Year Type	COS5	PA20	%	COS5
100%	0	0	100%	1	0	0	100%	0
98%	0	0	98%	1	0	0	100%	0
96%	0	0	97%	1	0	0	100%	0
94%	0	0	95%	1	0	0	100%	0
92%	0	0	94%	1	0	0	100%	0
90%	0	0	92%	1	0	0	99%	0
88%	0	0	90%	1	0	0	99%	0
86%	0	0	89%	1	0	0	99%	0
84%	0	0	87%	1	0	0	99%	0
82%	0	0	86%	1	0	0	99%	0
80%	0	0	84%	1	0	0	99%	0
78%	0	0	83%	1	0	0	99%	0
76%	0	0	81%	1	0	0	99%	0
75%	0	0	79%	1	0	0	99%	0
73%	0	0	78%	1	0	0	99%	0
71%	0	0	76%	1	0	0	98%	0
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61%	0	0	68%	1	0	0	98%	0
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55%	0	0	63%	1	0	0	98%	0
53%	1	0	62%	1	0	0	98%	0
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5	178	220	3%
5	178	222	3%
5	183	224	3%
5	190	247	3%
5	220	275	3%
5	222	278	3%
5	224	315	3%
5	239	337	2%
5	244	337	2%
5	247	340	2%
5	251	347	2%
5	275	379	2%
5	278	397	2%
5	281	401	2%
5	315	416	2%
5	340	425	2%
5	347	426	2%
5	355	433	1%
5	425	447	1%
5	426	447	1%
5	445	453	1%
5	447	506	1%
5	467	568	1%
5	568	810	1%
5	622	810	1%
5	765	810	1%
5	810	810	1%
5	810	810	0%
5	810	810	0%
5	810	810	0%

	5	810	810	0%
	5	810	810	0%

Juveniles								
Wet		Above Normal			Below Normal			
A, S5		WUA, S5		%	WUA, S5		%	WUA
PA20	%	COS5	PA20	%	COS5	PA20	%	COS5
0	100%	0	0	100%	0	0	100%	0
0	100%	0	0	99%	0	0	99%	0
0	99%	0	0	99%	0	0	99%	0
0	99%	0	0	98%	0	0	98%	0
0	99%	0	0	98%	0	0	97%	0
0	98%	0	0	97%	0	0	97%	0
0	98%	0	0	97%	0	0	96%	0
0	98%	0	0	96%	0	0	95%	0
0	97%	0	0	96%	0	0	95%	0
0	97%	0	0	95%	0	0	94%	0
0	97%	0	0	95%	0	0	94%	0
0	96%	0	0	94%	0	0	93%	0
0	96%	0	0	94%	0	0	92%	0
0	95%	0	0	93%	0	0	92%	0
0	95%	0	0	93%	0	0	91%	0
0	95%	0	0	92%	0	0	90%	0
0	94%	0	0	92%	0	0	90%	0
0	94%	0	0	91%	0	0	89%	0
0	94%	0	0	91%	0	0	88%	0
0	93%	0	0	90%	0	0	88%	0
0	93%	0	0	90%	0	0	87%	0
0	93%	0	0	89%	0	0	86%	0
0	92%	0	0	88%	0	0	86%	0
0	92%	0	0	88%	0	0	85%	0
0	92%	0	0	87%	0	0	85%	0
0	91%	0	0	87%	0	0	84%	0
0	91%	0	0	86%	0	0	83%	0
0	91%	0	0	86%	0	0	83%	0
0	90%	0	0	85%	0	0	82%	0
0	90%	0	0	85%	0	0	81%	0
0	90%	0	0	84%	0	0	81%	0
0	89%	0	0	84%	0	0	80%	0
0	89%	0	0	83%	0	0	79%	0
0	89%	0	0	83%	0	0	79%	0
0	88%	0	0	82%	0	0	78%	0
0	88%	0	0	82%	0	0	77%	0
0	87%	0	0	81%	0	0	77%	0
0	87%	0	0	81%	0	0	76%	0
0	87%	0	0	80%	0	0	75%	0
0	86%	0	0	80%	0	0	75%	0
0	86%	0	0	79%	0	0	74%	0
0	86%	0	0	79%	0	0	74%	0

0	85%	0	0	78%	0	0	73%	0
0	85%	0	0	77%	0	0	72%	0
0	85%	0	0	77%	0	0	72%	0
0	84%	0	0	76%	0	0	71%	0
0	84%	0	0	76%	0	0	70%	0
0	84%	0	0	75%	0	0	70%	0
0	83%	0	0	75%	0	0	69%	0
0	83%	0	0	74%	0	0	68%	0
0	83%	0	0	74%	0	0	68%	0
0	82%	0	0	73%	0	0	67%	0
0	82%	0	0	73%	0	0	66%	0
0	82%	0	0	72%	0	0	66%	0
0	81%	0	0	72%	0	0	65%	0
0	81%	0	0	71%	0	0	65%	0
0	80%	0	0	71%	0	0	64%	0
0	80%	0	0	70%	0	0	63%	0
0	80%	0	0	70%	0	0	63%	0
0	79%	0	0	69%	0	0	62%	0
0	79%	0	0	69%	0	0	61%	0
0	79%	0	0	68%	0	0	61%	0
0	78%	0	0	68%	0	0	60%	0
0	78%	0	0	67%	0	0	59%	0
0	78%	0	0	66%	0	0	59%	0
0	77%	0	0	66%	0	0	58%	0
0	77%	0	0	65%	0	0	57%	0
0	77%	0	0	65%	0	0	57%	0
0	76%	0	0	64%	0	0	56%	0
0	76%	0	0	64%	0	0	55%	0
0	76%	0	0	63%	0	0	55%	0
0	75%	0	0	63%	0	0	54%	0
0	75%	0	0	62%	0	0	54%	0
0	75%	0	0	62%	0	0	53%	0
0	74%	0	0	61%	0	0	52%	0
0	74%	0	0	61%	0	0	52%	0
0	74%	0	0	60%	0	0	51%	0
0	73%	0	0	60%	0	0	50%	0
0	73%	0	0	59%	0	0	50%	0
0	72%	0	0	59%	0	0	49%	0
0	72%	0	0	58%	0	0	48%	0
0	72%	0	0	58%	0	0	48%	0
0	71%	0	0	57%	0	0	47%	0
0	71%	0	0	57%	0	0	46%	0
0	71%	0	0	56%	0	0	46%	0
0	70%	0	0	55%	0	0	45%	0
0	70%	0	0	55%	0	0	45%	0
0	70%	0	0	54%	0	0	44%	0
0	69%	0	0	54%	0	0	43%	0

0	69%	0	0	53%	0	0	43%	0
0	69%	0	0	53%	0	0	42%	0
0	68%	0	0	52%	0	0	41%	0
1	68%	1	0	52%	0	0	41%	0
1	68%	1	0	51%	0	0	40%	0
1	67%	1	0	51%	1	0	39%	0
1	67%	1	0	50%	1	0	39%	0
1	67%	1	0	50%	1	0	38%	0
1	66%	1	0	49%	1	0	37%	0
1	66%	1	0	49%	1	0	37%	0
1	66%	1	0	48%	1	0	36%	1
1	65%	1	0	48%	1	0	35%	1
1	65%	1	0	47%	1	0	35%	1
1	64%	1	0	47%	1	0	34%	1
1	64%	1	0	46%	2	0	34%	1
1	64%	1	1	46%	2	0	33%	1
1	63%	1	1	45%	2	0	32%	1
1	63%	1	1	45%	2	0	32%	1
1	63%	1	1	44%	2	2	31%	1
1	62%	1	1	43%	3	2	30%	1
1	62%	2	2	43%	3	2	30%	1
1	62%	2	2	42%	4	2	29%	1
1	61%	2	2	42%	5	2	28%	2
1	61%	3	2	41%	5	2	28%	2
1	61%	3	2	41%	6	2	27%	2
1	60%	3	2	40%	6	2	26%	2
1	60%	3	2	40%	6	5	26%	2
1	60%	4	2	39%	6	5	25%	2
1	59%	5	2	39%	6	5	25%	3
1	59%	5	2	38%	6	5	24%	4
1	59%	5	2	38%	6	6	23%	4
1	58%	5	2	37%	6	6	23%	5
1	58%	5	2	37%	7	6	22%	5
1	57%	5	2	36%	7	6	21%	6
1	57%	6	2	36%	8	6	21%	6
1	57%	6	2	35%	8	6	20%	6
1	56%	6	5	35%	8	8	19%	6
1	56%	6	5	34%	8	8	19%	6
1	56%	6	5	34%	8	8	18%	8
1	55%	8	5	33%	8	8	17%	8
1	55%	8	5	32%	8	8	17%	8
1	55%	8	5	32%	8	8	16%	8
1	54%	8	5	31%	9	8	15%	8
1	54%	8	6	31%	9	8	15%	8
1	54%	8	6	30%	10	8	14%	8
1	53%	8	7	30%	10	8	14%	8
2	53%	8	8	29%	11	8	13%	8

2	53%	8	8	29%
2	52%	8	8	28%
2	52%	9	8	28%
2	52%	9	8	27%
2	51%	9	8	27%
2	51%	10	8	26%
2	51%	10	8	26%
3	50%	10	8	25%
3	50%	11	11	25%
4	49%	11	11	24%
4	49%	11	12	24%
5	49%	12	14	23%
5	48%	12	34	23%
5	48%	17	40	22%
5	48%	24	40	21%
5	47%	27	40	21%
6	47%	31	40	20%
6	47%	35	40	20%
6	46%	40	40	19%
6	46%	40	40	19%
6	46%	40	40	18%
6	45%	40	40	18%
8	45%	40	40	17%
8	45%	79	40	17%
8	44%	79	40	16%
8	44%	79	40	16%
8	44%	79	55	15%
8	43%	79	79	15%
8	43%	82	82	14%
8	43%	91	91	14%
8	42%	91	108	13%
8	42%	98	114	13%
8	41%	108	114	12%
8	41%	108	114	12%
8	41%	108	114	11%
8	40%	108	114	10%
11	40%	108	114	10%
11	40%	114	114	9%
11	39%	114	114	9%
11	39%	114	114	8%
11	39%	114	114	8%
11	38%	114	114	7%
11	38%	114	114	7%
11	38%	114	114	6%
11	37%	114	118	6%
11	37%	114	132	5%
11	37%	127	145	5%

11	8	12%	8
11	11	12%	8
11	11	11%	8
11	13	10%	8
11	40	10%	8
13	40	9%	8
40	40	8%	8
40	40	8%	9
40	40	7%	9
40	40	6%	9
40	40	6%	40
40	40	5%	40
103	114	5%	40
108	114	4%	40
114	114	3%	40
114	114	3%	114
114	114	2%	114
114	119	1%	114
114	132	1%	114
172	172	0%	122

11	36%	132	180	4%
11	36%	145	219	4%
13	36%	275	275	3%
25	35%	278	278	3%
30	35%	340	340	2%
35	34%	426	426	2%
40	34%	445	453	1%
40	34%	810	810	1%
40	33%	810	810	0%
40	33%			
40	33%			
43	32%			
44	32%			
52	32%			
63	31%			
69	31%			
75	31%			
79	30%			
79	30%			
79	30%			
79	29%			
79	29%			
79	29%			
79	28%			
79	28%			
79	28%			
79	27%			
79	27%			
79	26%			
79	26%			
79	26%			
79	25%			
81	25%			
83	25%			
86	24%			
93	24%			
108	24%			
108	23%			
108	23%			
108	23%			
108	22%			
108	22%			
108	22%			
108	21%			
108	21%			
108	21%			
109	20%			

114	20%
114	20%
114	19%
114	19%
114	18%
114	18%
114	18%
114	17%
114	17%
114	17%
114	16%
114	16%
114	16%
114	15%
114	15%
114	15%
114	14%
114	14%
117	14%
119	13%
123	13%
124	13%
125	12%
133	12%
136	11%
139	11%
142	11%
148	10%
151	10%
169	10%
174	9%
183	9%
190	9%
220	8%
222	8%
224	8%
247	7%
315	7%
337	7%
337	6%
347	6%
379	6%
397	5%
401	5%
416	5%
425	4%
433	4%

447	3%
447	3%
506	3%
568	2%
810	2%
810	2%
810	1%
810	1%
810	1%
810	0%
810	0%

Floodplain Habitat (acres)

Floodplain Habitat (acres)

Floodplain Habitat (acres)

Dry		Critical		
A, S5	%	WUA, S5		%
PA20	%	COS5	PA20	%
0	100%	0	0	100%
0	99%	0	0	99%
0	99%	0	0	99%
0	98%	0	0	98%
0	97%	0	0	98%
0	97%	0	0	97%
0	96%	0	0	97%
0	95%	0	0	96%
0	95%	0	0	96%
0	94%	0	0	95%
0	94%	0	0	95%
0	93%	0	0	94%
0	92%	0	0	94%
0	92%	0	0	93%
0	91%	0	0	93%
0	90%	0	0	92%
0	90%	0	0	92%
0	89%	0	0	91%
0	88%	0	0	91%
0	88%	0	0	90%
0	87%	0	0	90%
0	86%	0	0	89%
0	86%	0	0	88%
0	85%	0	0	88%
0	85%	0	0	87%
0	84%	0	0	87%
0	83%	0	0	86%
0	83%	0	0	86%
0	82%	0	0	85%
0	81%	0	0	85%
0	81%	0	0	84%
0	80%	0	0	84%
0	79%	0	0	83%
0	79%	0	0	83%
0	78%	0	0	82%
0	77%	0	0	82%
0	77%	0	0	81%
0	76%	0	0	81%
0	75%	0	0	80%
0	75%	0	0	80%
0	74%	0	0	79%
0	74%	0	0	79%

900
800
700
600
500
400
300
200
100
0

45
40
35
30
25
20
15
10
5

0	73%	0	0	78%
0	72%	0	0	77%
0	72%	0	0	77%
0	71%	0	0	76%
0	70%	0	0	76%
0	70%	0	0	75%
0	69%	0	0	75%
0	68%	0	0	74%
0	68%	0	0	74%
0	67%	0	0	73%
0	66%	0	0	73%
0	66%	0	0	72%
0	65%	0	0	72%
0	65%	0	0	71%
0	64%	0	0	71%
0	63%	0	0	70%
0	63%	0	0	70%
0	62%	0	0	69%
0	61%	0	0	69%
0	61%	0	0	68%
0	60%	0	0	68%
0	59%	0	0	67%
0	59%	0	0	66%
0	58%	0	0	66%
0	57%	0	0	65%
0	57%	0	0	65%
0	56%	0	0	64%
0	55%	0	0	64%
0	55%	0	0	63%
0	54%	0	0	63%
0	54%	0	0	62%
0	53%	0	0	62%
0	52%	0	0	61%
0	52%	0	0	61%
0	51%	0	0	60%
0	50%	0	0	60%
0	50%	0	0	59%
0	49%	0	0	59%
0	48%	0	0	58%
0	48%	0	0	58%
0	47%	0	0	57%
0	46%	0	0	57%
0	46%	0	0	56%
0	45%	0	0	55%
0	45%	0	0	55%
0	44%	0	0	54%
0	43%	0	0	54%

Floodplain Habitat (acres)

200
180
160
140
120
100
80
60
40
20
0

Floodplain Habitat (acres)

14
12
10
8
6
4
2

Floodplain Habitat (acres)

1
1

0	43%	0	0	53%
0	42%	0	0	53%
0	41%	0	0	52%
0	41%	0	0	52%
0	40%	0	0	51%
0	39%	0	0	51%
0	39%	0	0	50%
0	38%	0	0	50%
0	37%	0	0	49%
0	37%	0	0	49%
0	36%	0	0	48%
0	35%	0	0	48%
0	35%	0	0	47%
0	34%	0	0	47%
0	34%	0	0	46%
0	33%	0	0	46%
0	32%	0	0	45%
0	32%	0	0	45%
0	31%	0	0	44%
0	30%	0	0	43%
0	30%	0	0	43%
0	29%	0	0	42%
0	28%	0	0	42%
0	28%	0	0	41%
0	27%	0	0	41%
0	26%	0	0	40%
0	26%	0	0	40%
1	25%	0	0	39%
2	25%	0	0	39%
2	24%	0	0	38%
2	23%	0	0	38%
2	23%	1	0	37%
2	22%	1	0	37%
2	21%	1	0	36%
3	21%	1	0	36%
3	20%	1	0	35%
3	19%	1	0	35%
3	19%	1	0	34%
3	18%	1	0	34%
3	17%	1	0	33%
3	17%	1	0	32%
3	16%	1	0	32%
3	15%	1	0	31%
4	15%	1	0	31%
5	14%	1	0	30%
6	14%	1	0	30%
6	13%	1	0	29%

6	12%	1	0	29%
6	12%	1	0	28%
6	11%	1	0	28%
8	10%	1	0	27%
8	10%	2	1	27%
8	9%	2	1	26%
8	8%	2	1	26%
8	8%	2	1	25%
8	7%	3	2	25%
8	6%	3	2	24%
8	6%	3	2	24%
8	5%	3	2	23%
8	5%	3	2	23%
8	4%	3	2	22%
8	3%	4	2	21%
8	3%	4	2	21%
8	2%	4	2	20%
8	1%	4	2	20%
8	1%	4	2	19%
9	0%	4	2	19%
		4	2	18%
		5	2	18%
		5	3	17%
		5	3	17%
		5	3	16%
		5	3	16%
		5	3	15%
		5	3	15%
		5	3	14%
		5	3	14%
		5	3	13%
		5	3	13%
		5	3	12%
		5	3	12%
		5	4	11%
		5	4	10%
		6	5	10%
		6	5	9%
		6	5	9%
		7	5	8%
		7	5	8%
		7	5	7%
		8	5	7%
		8	5	6%
		8	5	6%
		8	5	5%
		8	6	5%

8	6	4%
9	8	4%
9	8	3%
11	8	3%
12	8	2%
12	9	2%
12	9	1%
40	9	1%
114	9	0%

Steelhead Fry, All Years

Probablility of Exceedance
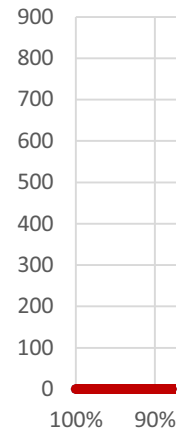
Steelhead Fry, Wet Years

Probablility of Exceedance
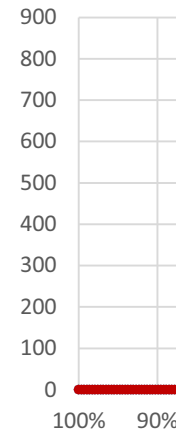
Steelhead Fry, Above Normal Years
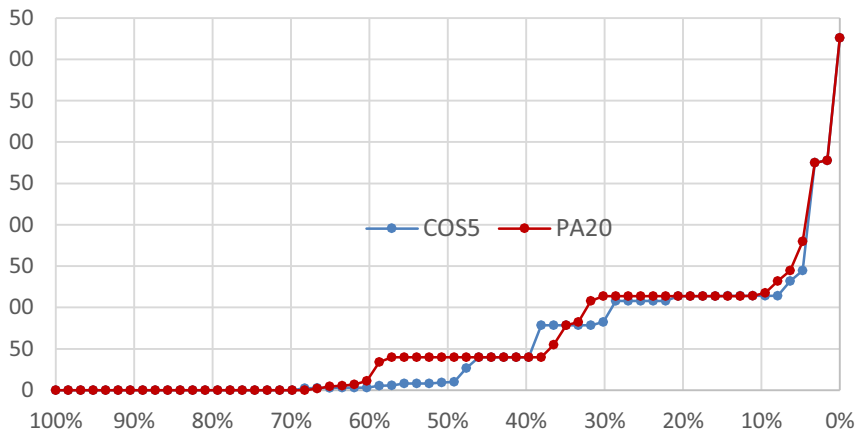
Floodplain Habitat (acres)
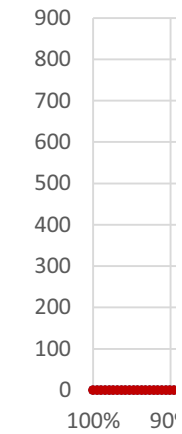
Steelhead Fry, Below Normal Years

COS5 —— PA20

Probablility of Exceedance
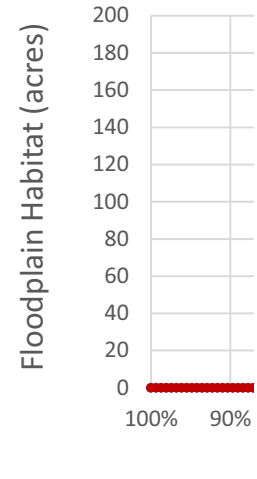
Steelhead Fry, Dry Years

COS5 —— PA20

Probablility of Exceedance
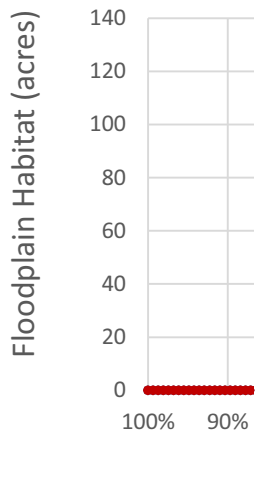
Steelhead Fry , Critical Years

COS5 —— PA20

Floodplain Habitat (acres)

Ste

Floodplain Habitat (acres)

Floodplain Habitat (acres)
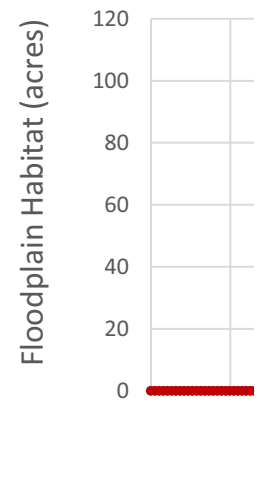
100% 90% 80% 70% 60% 50% 40% 30% 20% 10% 0%

Probablility of Exceedance

100% 90%

Steelhead Juveniles, All Years

COS5   PA20

Probablility of Exceedance

80%   70%   60%   50%   40%   30%   20%   10%   0%
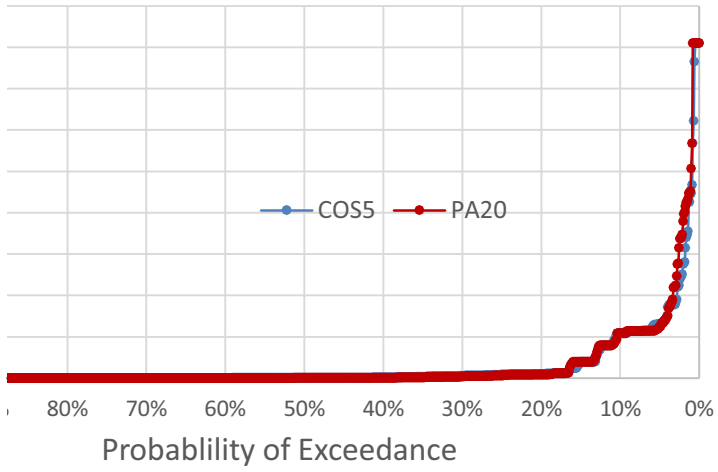
Steelhead Juveniles, Wet Years

COS5   PA20

Probablility of Exceedance

80%   70%   60%   50%   40%   30%   20%   10%   0%
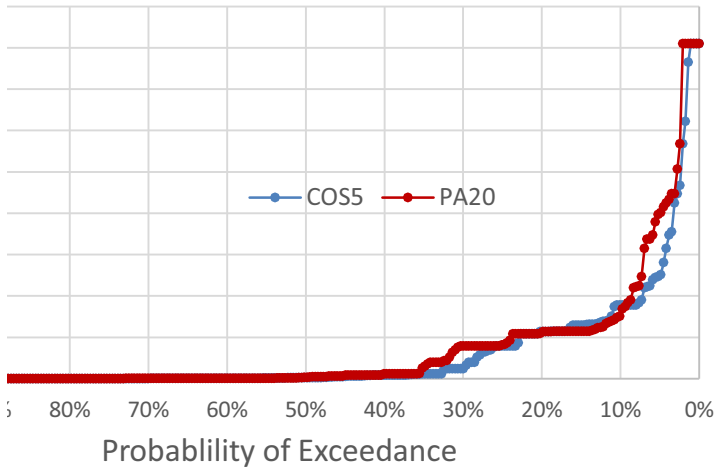
Steelhead Juveniles, Above Normal Years

COS5   PA20
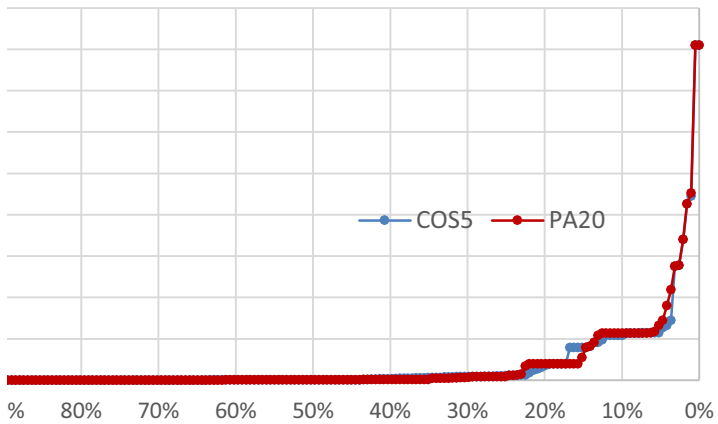
%   80%   70%   60%   50%   40%   30%   20%   10%   0%

Probablility of Exceedance

eelhead Juveniles, Below Normal Years

Probablility of Exceedance
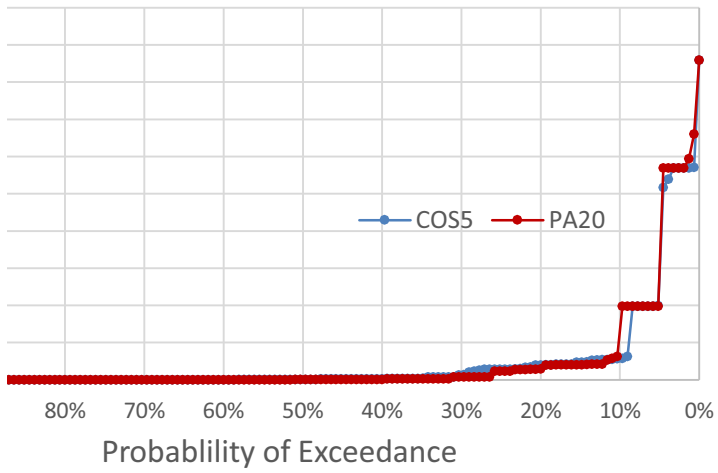
Steelhead Juveniles, Dry Years

Probablility of Exceedance
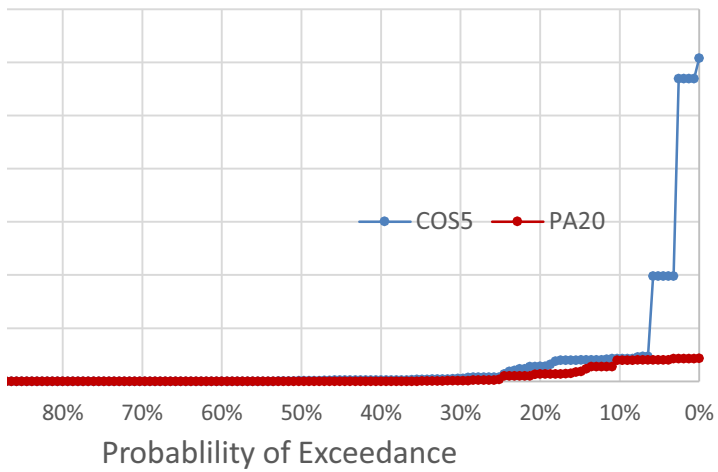
Steelhead Juveniles, Critical Years
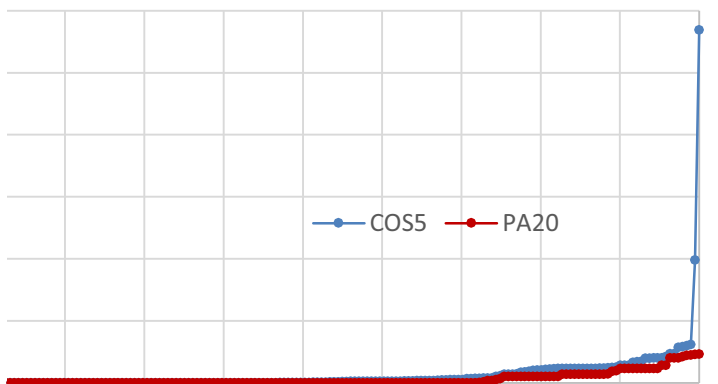
80%   70%   60%   50%   40%   30%   20%   10%   0%

Probablility of Exceedance

Month	Year	Water Year	Type	Flow	Flow	Acres	Acres
2	1922	1922	1	235.7	228.6	0	0
3	1922	1922	1	1521	1521	107.7933	107.7933
4	1922	1922	1	1400.007	1400.007	78.52412	78.52412
5	1922	1922	1	1554.823	1554.823	114.0892	114.0892
2	1923	1923	2	235.7	235.7	0	0
3	1923	1923	2	1521	200	107.7933	0
4	1923	1923	2	1400.007	1553.32	78.52412	113.8095
5	1923	1923	2	1554.823	1241.977	114.0892	39.57928
2	1924	1924	5	235.7	228.6	0	0
3	1924	1924	5	346.6052	346.6052	1.279135	1.279135
4	1924	1924	5	840.194	533.5273	9.309892	3.879309
5	1924	1924	5	712.4531	400.0161	6.916413	1.986342
2	1925	1925	3	221.4	214.3	0	0
3	1925	1925	3	200	200	0	0
4	1925	1925	3	1553.32	1553.32	113.8095	113.8095
5	1925	1925	3	1241.977	1241.977	39.57928	39.57928
2	1926	1926	4	228.6	228.6	0	0
3	1926	1926	4	206.7272	206.7272	0	0
4	1926	1926	4	766.6667	460	7.878254	2.780579
5	1926	1926	4	630.6581	400.0161	5.528017	1.986342
2	1927	1927	2	221.4	214.3	0	0
3	1927	1927	2	200	200	0	0
4	1927	1927	2	766.6667	1553.32	7.878254	113.8095
5	1927	1927	2	874.819	1241.977	9.984071	39.57928
2	1928	1928	3	221.4	228.6	0	0
3	1928	1928	3	200	200	0	0
4	1928	1928	3	766.6667	766.6667	7.878254	7.878254
5	1928	1928	3	650.9619	630.6581	5.872656	5.528017
2	1929	1929	5	221.4	221.4	0	0
3	1929	1929	5	200	200	0	0
4	1929	1929	5	460	460	2.780579	2.780579
5	1929	1929	5	510.6833	400.0161	3.491553	1.986342
2	1930	1930	5	214.3	214.3	0	0
3	1930	1930	5	200	200	0	0
4	1930	1930	5	569.2513	523.1569	4.485691	3.703281
5	1930	1930	5	524.4899	400.0161	3.725907	1.986342
2	1931	1931	5	239.1452	214.3	0	0
3	1931	1931	5	303.7054	272.5211	0.711106	0.298199
4	1931	1931	5	996.1207	835.5681	12.34592	9.219822
5	1931	1931	5	973.6053	816.8601	11.90752	8.855562
2	1932	1932	2	214.3	214.3	0	0
3	1932	1932	2	200	200	0	0

4	1932	1932	2	480.3559	1573.676	3.050109	117.5986
5	1932	1932	2	431.6377	1241.977	2.405038	39.57928
2	1933	1933	4	272.1605	228.6	0.293423	0
3	1933	1933	4	200	200	0	0
4	1933	1933	4	522.5565	522.5565	3.693089	3.693089
5	1933	1933	4	576.6177	400.0161	4.610729	1.986342
2	1934	1934	5	214.3	214.3	0	0
3	1934	1934	5	200	200	0	0
4	1934	1934	5	957.8265	830.3828	11.6003	9.118861
5	1934	1934	5	947.1931	821.8781	11.39326	8.953266
2	1935	1935	2	828.5966	214.3	9.084081	0
3	1935	1935	2	200	200	0	0
4	1935	1935	2	460	1553.32	2.780579	113.8095
5	1935	1935	2	432.4905	1241.977	2.416329	39.57928
2	1936	1936	2	608.1778	608.1778	5.146434	5.146434
3	1936	1936	2	200	200	0	0
4	1936	1936	2	766.6667	1553.32	7.878254	113.8095
5	1936	1936	2	630.6581	1241.977	5.528017	39.57928
2	1937	1937	1	250.7584	228.6	0.010041	0
3	1937	1937	1	200	200	0	0
4	1937	1937	1	766.6667	1553.32	7.878254	113.8095
5	1937	1937	1	630.6581	1241.977	5.528017	39.57928
2	1938	1938	1	414.1871	414.1871	2.173978	2.173978
3	1938	1938	1	1648.4	1521	131.5081	107.7933
4	1938	1938	1	1633.353	1400.007	128.7073	78.52412
5	1938	1938	1	1958.081	1554.823	177.8113	114.0892
2	1939	1939	4	364.3	235.7	1.513429	0
3	1939	1939	4	200	200	0	0
4	1939	1939	4	1594.774	808.1207	121.5259	8.685398
5	1939	1939	4	1241.977	630.6581	39.57928	5.528017
2	1940	1940	2	228.6	221.4	0	0
3	1940	1940	2	200	200	0	0
4	1940	1940	2	1553.32	1553.32	113.8095	113.8095
5	1940	1940	2	1241.977	1241.977	39.57928	39.57928
2	1941	1941	1	228.6	228.6	0	0
3	1941	1941	1	1521	1521	107.7933	107.7933
4	1941	1941	1	1400.007	1400.007	78.52412	78.52412
5	1941	1941	1	1554.823	1554.823	114.0892	114.0892
2	1942	1942	1	235.7	235.7	0	0
3	1942	1942	1	1648.4	1521	131.5081	107.7933
4	1942	1942	1	1633.353	1400.007	128.7073	78.52412
5	1942	1942	1	1958.081	1554.823	177.8113	114.0892
2	1943	1943	1	2244.789	2244.789	219.6063	219.6063
3	1943	1943	1	3531.773	3531.773	424.8922	424.8922
4	1943	1943	1	1682.883	1602.849	137.927	123.0291
5	1943	1943	1	1958.081	1241.977	177.8113	39.57928
2	1944	1944	3	364.3	228.6	1.513429	0

3	1944	1944	3	200	200	0	0
4	1944	1944	3	1553.32	1553.32	113.8095	113.8095
5	1944	1944	3	1241.977	1241.977	39.57928	39.57928
2	1945	1945	2	228.6	228.6	0	0
3	1945	1945	2	200	200	0	0
4	1945	1945	2	1719.557	1719.557	144.7537	144.7537
5	1945	1945	2	1241.977	1241.977	39.57928	39.57928
2	1946	1946	2	228.6	228.6	0	0
3	1946	1946	2	200	200	0	0
4	1946	1946	2	1650.445	1650.445	131.8888	131.8888
5	1946	1946	2	1241.977	1241.977	39.57928	39.57928
2	1947	1947	4	228.6	228.6	0	0
3	1947	1947	4	200	200	0	0
4	1947	1947	4	766.6667	460	7.878254	2.780579
5	1947	1947	4	829.4095	444.0405	9.099909	2.569261
2	1948	1948	3	661.0388	214.3	6.043702	0
3	1948	1948	3	200	200	0	0
4	1948	1948	3	952.032	952.032	11.48748	11.48748
5	1948	1948	3	920.2131	782.5804	10.86793	8.188107
2	1949	1949	3	221.4	221.4	0	0
3	1949	1949	3	200	200	0	0
4	1949	1949	3	766.6667	766.6667	7.878254	7.878254
5	1949	1949	3	853.3355	648.4178	9.565769	5.829473
2	1950	1950	3	221.4	221.4	0	0
3	1950	1950	3	200	200	0	0
4	1950	1950	3	1001.169	1001.169	12.55265	12.55265
5	1950	1950	3	915.2993	630.6581	10.77226	5.528017
2	1951	1951	2	221.4	1972.668	0	179.7314
3	1951	1951	2	200	576.5485	0	4.609555
4	1951	1951	2	1553.32	1553.32	113.8095	113.8095
5	1951	1951	2	1241.977	1241.977	39.57928	39.57928
2	1952	1952	1	275.3475	275.3475	0.335623	0.335623
3	1952	1952	1	1655.712	1528.312	132.8692	109.1543
4	1952	1952	1	1642.689	1409.342	130.4451	80.89179
5	1952	1952	1	1958.081	1554.823	177.8113	114.0892
2	1953	1953	3	904.5482	904.5482	10.56292	10.56292
3	1953	1953	3	1521	200	107.7933	0
4	1953	1953	3	1497.754	1651.067	103.3146	132.0046
5	1953	1953	3	1554.823	1241.977	114.0892	39.57928
2	1954	1954	3	368.2487	228.6	1.565713	0
3	1954	1954	3	200	200	0	0
4	1954	1954	3	1911.363	1911.363	171.6616	171.6616
5	1954	1954	3	1241.977	1241.977	39.57928	39.57928
2	1955	1955	4	228.6	228.6	0	0
3	1955	1955	4	200	200	0	0
4	1955	1955	4	766.6667	460	7.878254	2.780579
5	1955	1955	4	840.7206	506.8177	9.320147	3.425937

2	1956	1956	1	221.4	214.3	0	0
3	1956	1956	1	1521	1521	107.7933	107.7933
4	1956	1956	1	1400.007	1400.007	78.52412	78.52412
5	1956	1956	1	1554.823	1554.823	114.0892	114.0892
2	1957	1957	3	235.7	235.7	0	0
3	1957	1957	3	200	200	0	0
4	1957	1957	3	1553.32	1553.32	113.8095	113.8095
5	1957	1957	3	1241.977	1241.977	39.57928	39.57928
2	1958	1958	1	228.6	228.6	0	0
3	1958	1958	1	1521	1521	107.7933	107.7933
4	1958	1958	1	1400.007	1400.007	78.52412	78.52412
5	1958	1958	1	1570.249	1570.249	116.9607	116.9607
2	1959	1959	4	235.7	235.7	0	0
3	1959	1959	4	200	200	0	0
4	1959	1959	4	1553.32	766.6667	113.8095	7.878254
5	1959	1959	4	1241.977	630.6581	39.57928	5.528017
2	1960	1960	5	228.6	221.4	0	0
3	1960	1960	5	200	200	0	0
4	1960	1960	5	766.6667	460	7.878254	2.780579
5	1960	1960	5	690.4924	400.0161	6.543651	1.986342
2	1961	1961	5	223.844	214.3	0	0
3	1961	1961	5	200	200	0	0
4	1961	1961	5	579.3897	460	4.657782	2.780579
5	1961	1961	5	549.016	400.0161	4.142216	1.986342
2	1962	1962	3	214.3	214.3	0	0
3	1962	1962	3	200	200	0	0
4	1962	1962	3	460	1553.32	2.780579	113.8095
5	1962	1962	3	604.8952	1241.977	5.090715	39.57928
2	1963	1963	2	483.0879	228.6	3.086283	0
3	1963	1963	2	479.5075	200	3.038875	0
4	1963	1963	2	766.6667	1553.32	7.878254	113.8095
5	1963	1963	2	1126.937	1306.981	26.66798	54.931
2	1964	1964	4	221.4	228.6	0	0
3	1964	1964	4	200	200	0	0
4	1964	1964	4	460	460	2.780579	2.780579
5	1964	1964	4	545.6452	400.0161	4.084999	1.986342
2	1965	1965	1	214.3	214.3	0	0
3	1965	1965	1	200	200	0	0
4	1965	1965	1	1553.32	1553.32	113.8095	113.8095
5	1965	1965	1	1241.977	1241.977	39.57928	39.57928
2	1966	1966	3	228.6	228.6	0	0
3	1966	1966	3	200	200	0	0
4	1966	1966	3	777.1443	777.1443	8.082261	8.082261
5	1966	1966	3	925.8229	630.6581	10.97716	5.528017
2	1967	1967	1	907.5395	221.4	10.62117	0
3	1967	1967	1	1521	1521	107.7933	107.7933
4	1967	1967	1	1400.007	1400.007	78.52412	78.52412

5	1967	1967	1	1672.093	1672.093	135.9184	135.9184
2	1968	1968	4	235.7	235.7	0	0
3	1968	1968	4	200	200	0	0
4	1968	1968	4	1553.32	766.6667	113.8095	7.878254
5	1968	1968	4	1241.977	630.6581	39.57928	5.528017
2	1969	1969	1	228.6	3290.391	0	396.6646
3	1969	1969	1	1648.4	1736.023	131.5081	147.8187
4	1969	1969	1	1690.199	1456.852	139.2888	92.94119
5	1969	1969	1	2372.938	3463.535	238.5976	415.6228
2	1970	1970	2	2594.667	2594.667	277.77	277.77
3	1970	1970	2	1521	717.8939	107.7933	7.008767
4	1970	1970	2	1400.007	1553.32	78.52412	113.8095
5	1970	1970	2	1554.823	1241.977	114.0892	39.57928
2	1971	1971	3	235.7	228.6	0	0
3	1971	1971	3	200	200	0	0
4	1971	1971	3	1553.32	1553.32	113.8095	113.8095
5	1971	1971	3	1241.977	1241.977	39.57928	39.57928
2	1972	1972	4	228.6	228.6	0	0
3	1972	1972	4	200	200	0	0
4	1972	1972	4	1553.32	460	113.8095	2.780579
5	1972	1972	4	1241.977	400.0161	39.57928	1.986342
2	1973	1973	2	228.6	219.35	0	0
3	1973	1973	2	200	200	0	0
4	1973	1973	2	1553.32	1553.32	113.8095	113.8095
5	1973	1973	2	1241.977	1241.977	39.57928	39.57928
2	1974	1974	1	228.6	228.6	0	0
3	1974	1974	1	200	1204.191	0	35.33835
4	1974	1974	1	1553.32	1553.32	113.8095	113.8095
5	1974	1974	1	1241.977	1241.977	39.57928	39.57928
2	1975	1975	1	266.0963	1417.497	0.213129	82.9599
3	1975	1975	1	200	1157.972	0	30.15114
4	1975	1975	1	1553.32	1553.32	113.8095	113.8095
5	1975	1975	1	1316.711	1241.977	57.3987	39.57928
2	1976	1976	5	228.6	228.6	0	0
3	1976	1976	5	200	200	0	0
4	1976	1976	5	766.6667	460	7.878254	2.780579
5	1976	1976	5	702.1281	400.0161	6.741157	1.986342
2	1977	1977	5	422.0481	214.3	2.278064	0
3	1977	1977	5	502.4833	200	3.352365	0
4	1977	1977	5	584.5991	465.8521	4.746206	2.858065
5	1977	1977	5	559.053	400.0161	4.312584	1.986342
2	1978	1978	1	214.3	214.3	0	0
3	1978	1978	1	335.2903	1656.29	1.129316	132.9769
4	1978	1978	1	766.6667	1400.007	7.878254	78.52412
5	1978	1978	1	690.2908	1614.455	6.540228	125.1895
2	1979	1979	2	221.4	235.7	0	0
3	1979	1979	2	200	200	0	0

4	1979	1979	2	1553.32	1553.32	113.8095	113.8095
5	1979	1979	2	1414.218	1414.218	82.12836	82.12836
2	1980	1980	1	228.6	228.6	0	0
3	1980	1980	1	1521	1521	107.7933	107.7933
4	1980	1980	1	1400.007	1400.007	78.52412	78.52412
5	1980	1980	1	1554.823	1554.823	114.0892	114.0892
2	1981	1981	4	235.7	235.7	0	0
3	1981	1981	4	200	200	0	0
4	1981	1981	4	766.6667	766.6667	7.878254	7.878254
5	1981	1981	4	630.6581	630.6581	5.528017	5.528017
2	1982	1982	1	221.4	5635.198	0	810.1377
3	1982	1982	1	2457.619	3581.679	251.1472	433.1804
4	1982	1982	1	2765.701	2765.701	314.5222	314.5222
5	1982	1982	1	1958.081	1554.823	177.8113	114.0892
2	1983	1983	1	5341.298	5341.298	810.1377	810.1377
3	1983	1983	1	6184.745	6184.745	810.1377	810.1377
4	1983	1983	1	1633.353	1400.007	128.7073	78.52412
5	1983	1983	1	1958.081	1554.823	177.8113	114.0892
2	1984	1984	2	2582.006	2582.006	275.0494	275.0494
3	1984	1984	2	1521	1521	107.7933	107.7933
4	1984	1984	2	1400.007	1400.007	78.52412	78.52412
5	1984	1984	2	1554.823	1554.823	114.0892	114.0892
2	1985	1985	4	235.7	235.7	0	0
3	1985	1985	4	200	200	0	0
4	1985	1985	4	1553.32	766.6667	113.8095	7.878254
5	1985	1985	4	1241.977	630.6581	39.57928	5.528017
2	1986	1986	1	518.2735	3330.524	3.620389	401.0589
3	1986	1986	1	4494.96	5306.729	622.0819	810.1377
4	1986	1986	1	1633.353	1400.007	128.7073	78.52412
5	1986	1986	1	1958.081	1554.823	177.8113	114.0892
2	1987	1987	5	364.3	235.7	1.513429	0
3	1987	1987	5	200	200	0	0
4	1987	1987	5	1553.32	460	113.8095	2.780579
5	1987	1987	5	1241.977	400.0161	39.57928	1.986342
2	1988	1988	5	328.5383	214.3	1.039914	0
3	1988	1988	5	256.1415	256.1415	0.081319	0.081319
4	1988	1988	5	465.5877	460	2.854565	2.780579
5	1988	1988	5	566.5016	400.0161	4.439019	1.986342
2	1989	1989	5	284.9237	214.3	0.46242	0
3	1989	1989	5	200	200	0	0
4	1989	1989	5	460	460	2.780579	2.780579
5	1989	1989	5	591.3456	400.0161	4.860722	1.986342
2	1990	1990	5	254.7205	214.3	0.062504	0
3	1990	1990	5	200	200	0	0
4	1990	1990	5	595.4005	460	4.929551	2.780579
5	1990	1990	5	547.2144	400.0161	4.111635	1.986342
2	1991	1991	5	352.9873	214.3	1.36364	0

3	1991	1991	5	200	200	0	0
4	1991	1991	5	460.746	460.746	2.790456	2.790456
5	1991	1991	5	578.8438	400.0161	4.648516	1.986342
2	1992	1992	5	214.3	214.3	0	0
3	1992	1992	5	200	200	0	0
4	1992	1992	5	599.6934	460	5.002418	2.780579
5	1992	1992	5	400.0161	400.0161	1.986342	1.986342
2	1993	1993	1	214.3	214.3	0	0
3	1993	1993	1	200	200	0	0
4	1993	1993	1	502.2794	1581.491	3.348903	119.0534
5	1993	1993	1	422.606	1264.567	2.28545	44.1742
2	1994	1994	5	214.3	228.6	0	0
3	1994	1994	5	324.8455	324.8455	0.991018	0.991018
4	1994	1994	5	581.237	460	4.689138	2.780579
5	1994	1994	5	537.8599	400.0161	3.952851	1.986342
2	1995	1995	1	234.9683	214.3	0	0
3	1995	1995	1	242.6042	1521	0	107.7933
4	1995	1995	1	1553.32	1400.007	113.8095	78.52412
5	1995	1995	1	1241.977	1554.823	39.57928	114.0892
2	1996	1996	1	291.7664	298.8664	0.553023	0.647033
3	1996	1996	1	1521	1521	107.7933	107.7933
4	1996	1996	1	1400.007	1400.007	78.52412	78.52412
5	1996	1996	1	1554.823	1554.823	114.0892	114.0892
2	1997	1997	1	7800.804	7800.804	810.1377	810.1377
3	1997	1997	1	3785.407	2872.497	467.0146	337.4706
4	1997	1997	1	1400.007	1400.007	78.52412	78.52412
5	1997	1997	1	1554.823	1554.823	114.0892	114.0892
2	1998	1998	1	2260.263	2260.263	221.8996	221.8996
3	1998	1998	1	2000.409	2000.409	183.39	183.39
4	1998	1998	1	1633.353	1400.007	128.7073	78.52412
5	1998	1998	1	1958.081	1554.823	177.8113	114.0892
2	1999	1999	2	3537.572	3537.572	425.8553	425.8553
3	1999	1999	2	1521	935.3436	107.7933	11.16254
4	1999	1999	2	1400.007	1553.32	78.52412	113.8095
5	1999	1999	2	1554.823	1241.977	114.0892	39.57928
2	2000	2000	2	235.7	375.327	0	1.659437
3	2000	2000	2	1521	1191.945	107.7933	33.96403
4	2000	2000	2	1400.007	1553.32	78.52412	113.8095
5	2000	2000	2	1554.823	1241.977	114.0892	39.57928
2	2001	2001	4	235.7	228.6	0	0
3	2001	2001	4	200	200	0	0
4	2001	2001	4	775.4286	468.7619	8.048855	2.896594
5	2001	2001	4	679.1922	400.0161	6.35184	1.986342
2	2002	2002	4	235.6294	220.4897	0	0
3	2002	2002	4	200	200	0	0
4	2002	2002	4	784.1286	477.4619	8.218252	3.01179
5	2002	2002	4	750.2247	400.0161	7.558114	1.986342

2	2003	2003	3	704.8001	219.6683	6.786511	0
3	2003	2003	3	200	200	0	0
4	2003	2003	3	793.4707	1580.124	8.400151	118.7989
5	2003	2003	3	895.4579	1241.977	10.38593	39.57928

Month	Year	Water Year	Type	Flow	Flow	Acres	Acres
2	1922	1922	1	235.7	228.6	0	0
3	1922	1922	1	1521	1521	107.7933	107.7933
4	1922	1922	1	1400.007	1400.007	78.52412	78.52412
5	1922	1922	1	1554.823	1554.823	114.0892	114.0892
2	1923	1923	1	235.7	235.7	0	0
3	1923	1923	1	1521	200	107.7933	0
4	1923	1923	1	1400.007	1553.32	78.52412	113.8095
5	1923	1923	1	1554.823	1241.977	114.0892	39.57928
2	1924	1924	1	235.7	228.6	0	0
3	1924	1924	1	346.6052	346.6052	1.279135	1.279135
4	1924	1924	1	840.194	533.5273	9.309892	3.879309
5	1924	1924	1	712.4531	400.0161	6.916413	1.986342
2	1925	1925	1	221.4	214.3	0	0
3	1925	1925	1	200	200	0	0
4	1925	1925	1	1553.32	1553.32	113.8095	113.8095
5	1925	1925	1	1241.977	1241.977	39.57928	39.57928
2	1926	1926	1	228.6	228.6	0	0
3	1926	1926	1	206.7272	206.7272	0	0
4	1926	1926	1	766.6667	460	7.878254	2.780579
5	1926	1926	1	630.6581	400.0161	5.528017	1.986342
2	1927	1927	1	221.4	214.3	0	0
3	1927	1927	1	200	200	0	0
4	1927	1927	1	766.6667	1553.32	7.878254	113.8095
5	1927	1927	1	874.819	1241.977	9.984071	39.57928
2	1928	1928	1	221.4	228.6	0	0
3	1928	1928	1	200	200	0	0
4	1928	1928	1	766.6667	766.6667	7.878254	7.878254
5	1928	1928	1	650.9619	630.6581	5.872656	5.528017
2	1929	1929	1	221.4	221.4	0	0
3	1929	1929	1	200	200	0	0
4	1929	1929	1	460	460	2.780579	2.780579
5	1929	1929	1	510.6833	400.0161	3.491553	1.986342
2	1930	1930	1	214.3	214.3	0	0
3	1930	1930	1	200	200	0	0
4	1930	1930	1	569.2513	523.1569	4.485691	3.703281
5	1930	1930	1	524.4899	400.0161	3.725907	1.986342
2	1931	1931	1	239.1452	214.3	0	0
3	1931	1931	1	303.7054	272.5211	0.711106	0.298199
4	1931	1931	1	996.1207	835.5681	12.34592	9.219822
5	1931	1931	1	973.6053	816.8601	11.90752	8.855562
2	1932	1932	1	214.3	214.3	0	0
3	1932	1932	1	200	200	0	0
4	1932	1932	1	480.3559	1573.676	3.050109	117.5986
5	1932	1932	1	431.6377	1241.977	2.405038	39.57928
2	1933	1933	1	272.1605	228.6	0.293423	0
3	1933	1933	1	200	200	0	0

4	1933	1933	1	522.5565	522.5565	3.693089	3.693089
5	1933	1933	1	576.6177	400.0161	4.610729	1.986342
2	1934	1934	1	214.3	214.3	0	0
3	1934	1934	1	200	200	0	0
4	1934	1934	1	957.8265	830.3828	11.6003	9.118861
5	1934	1934	1	947.1931	821.8781	11.39326	8.953266
2	1935	1935	1	828.5966	214.3	9.084081	0
3	1935	1935	1	200	200	0	0
4	1935	1935	1	460	1553.32	2.780579	113.8095
5	1935	1935	1	432.4905	1241.977	2.416329	39.57928
2	1936	1936	1	608.1778	608.1778	5.146434	5.146434
3	1936	1936	1	200	200	0	0
4	1936	1936	1	766.6667	1553.32	7.878254	113.8095
5	1936	1936	1	630.6581	1241.977	5.528017	39.57928
2	1937	1937	1	250.7584	228.6	0.010041	0
3	1937	1937	1	200	200	0	0
4	1937	1937	1	766.6667	1553.32	7.878254	113.8095
5	1937	1937	1	630.6581	1241.977	5.528017	39.57928
2	1938	1938	1	414.1871	414.1871	2.173978	2.173978
3	1938	1938	1	1648.4	1521	131.5081	107.7933
4	1938	1938	1	1633.353	1400.007	128.7073	78.52412
5	1938	1938	1	1958.081	1554.823	177.8113	114.0892
2	1939	1939	1	364.3	235.7	1.513429	0
3	1939	1939	1	200	200	0	0
4	1939	1939	1	1594.774	808.1207	121.5259	8.685398
5	1939	1939	1	1241.977	630.6581	39.57928	5.528017
2	1940	1940	1	228.6	221.4	0	0
3	1940	1940	1	200	200	0	0
4	1940	1940	1	1553.32	1553.32	113.8095	113.8095
5	1940	1940	1	1241.977	1241.977	39.57928	39.57928
2	1941	1941	1	228.6	228.6	0	0
3	1941	1941	1	1521	1521	107.7933	107.7933
4	1941	1941	1	1400.007	1400.007	78.52412	78.52412
5	1941	1941	1	1554.823	1554.823	114.0892	114.0892
2	1942	1942	1	235.7	235.7	0	0
3	1942	1942	1	1648.4	1521	131.5081	107.7933
4	1942	1942	1	1633.353	1400.007	128.7073	78.52412
5	1942	1942	1	1958.081	1554.823	177.8113	114.0892
2	1943	1943	1	2244.789	2244.789	219.6063	219.6063
3	1943	1943	1	3531.773	3531.773	424.8922	424.8922
4	1943	1943	1	1682.883	1602.849	137.927	123.0291
5	1943	1943	1	1958.081	1241.977	177.8113	39.57928
2	1944	1944	1	364.3	228.6	1.513429	0
3	1944	1944	1	200	200	0	0
4	1944	1944	1	1553.32	1553.32	113.8095	113.8095
5	1944	1944	1	1241.977	1241.977	39.57928	39.57928
2	1945	1945	1	228.6	228.6	0	0

3	1945	1945	1	200	200	0	0
4	1945	1945	1	1719.557	1719.557	144.7537	144.7537
5	1945	1945	1	1241.977	1241.977	39.57928	39.57928
2	1946	1946	2	228.6	228.6	0	0
3	1946	1946	2	200	200	0	0
4	1946	1946	2	1650.445	1650.445	131.8888	131.8888
5	1946	1946	2	1241.977	1241.977	39.57928	39.57928
2	1947	1947	2	228.6	228.6	0	0
3	1947	1947	2	200	200	0	0
4	1947	1947	2	766.6667	460	7.878254	2.780579
5	1947	1947	2	829.4095	444.0405	9.099909	2.569261
2	1948	1948	2	661.0388	214.3	6.043702	0
3	1948	1948	2	200	200	0	0
4	1948	1948	2	952.032	952.032	11.48748	11.48748
5	1948	1948	2	920.2131	782.5804	10.86793	8.188107
2	1949	1949	2	221.4	221.4	0	0
3	1949	1949	2	200	200	0	0
4	1949	1949	2	766.6667	766.6667	7.878254	7.878254
5	1949	1949	2	853.3355	648.4178	9.565769	5.829473
2	1950	1950	2	221.4	221.4	0	0
3	1950	1950	2	200	200	0	0
4	1950	1950	2	1001.169	1001.169	12.55265	12.55265
5	1950	1950	2	915.2993	630.6581	10.77226	5.528017
2	1951	1951	2	221.4	1972.668	0	179.7314
3	1951	1951	2	200	576.5485	0	4.609555
4	1951	1951	2	1553.32	1553.32	113.8095	113.8095
5	1951	1951	2	1241.977	1241.977	39.57928	39.57928
2	1952	1952	2	275.3475	275.3475	0.335623	0.335623
3	1952	1952	2	1655.712	1528.312	132.8692	109.1543
4	1952	1952	2	1642.689	1409.342	130.4451	80.89179
5	1952	1952	2	1958.081	1554.823	177.8113	114.0892
2	1953	1953	2	904.5482	904.5482	10.56292	10.56292
3	1953	1953	2	1521	200	107.7933	0
4	1953	1953	2	1497.754	1651.067	103.3146	132.0046
5	1953	1953	2	1554.823	1241.977	114.0892	39.57928
2	1954	1954	2	368.2487	228.6	1.565713	0
3	1954	1954	2	200	200	0	0
4	1954	1954	2	1911.363	1911.363	171.6616	171.6616
5	1954	1954	2	1241.977	1241.977	39.57928	39.57928
2	1955	1955	2	228.6	228.6	0	0
3	1955	1955	2	200	200	0	0
4	1955	1955	2	766.6667	460	7.878254	2.780579
5	1955	1955	2	840.7206	506.8177	9.320147	3.425937
2	1956	1956	2	221.4	214.3	0	0
3	1956	1956	2	1521	1521	107.7933	107.7933
4	1956	1956	2	1400.007	1400.007	78.52412	78.52412
5	1956	1956	2	1554.823	1554.823	114.0892	114.0892

2	1957	1957	2	235.7	235.7	0	0
3	1957	1957	2	200	200	0	0
4	1957	1957	2	1553.32	1553.32	113.8095	113.8095
5	1957	1957	2	1241.977	1241.977	39.57928	39.57928
2	1958	1958	2	228.6	228.6	0	0
3	1958	1958	2	1521	1521	107.7933	107.7933
4	1958	1958	2	1400.007	1400.007	78.52412	78.52412
5	1958	1958	2	1570.249	1570.249	116.9607	116.9607
2	1959	1959	2	235.7	235.7	0	0
3	1959	1959	2	200	200	0	0
4	1959	1959	2	1553.32	766.6667	113.8095	7.878254
5	1959	1959	2	1241.977	630.6581	39.57928	5.528017
2	1960	1960	2	228.6	221.4	0	0
3	1960	1960	2	200	200	0	0
4	1960	1960	2	766.6667	460	7.878254	2.780579
5	1960	1960	2	690.4924	400.0161	6.543651	1.986342
2	1961	1961	2	223.844	214.3	0	0
3	1961	1961	2	200	200	0	0
4	1961	1961	2	579.3897	460	4.657782	2.780579
5	1961	1961	2	549.016	400.0161	4.142216	1.986342
2	1962	1962	3	214.3	214.3	0	0
3	1962	1962	3	200	200	0	0
4	1962	1962	3	460	1553.32	2.780579	113.8095
5	1962	1962	3	604.8952	1241.977	5.090715	39.57928
2	1963	1963	3	483.0879	228.6	3.086283	0
3	1963	1963	3	479.5075	200	3.038875	0
4	1963	1963	3	766.6667	1553.32	7.878254	113.8095
5	1963	1963	3	1126.937	1306.981	26.66798	54.931
2	1964	1964	3	221.4	228.6	0	0
3	1964	1964	3	200	200	0	0
4	1964	1964	3	460	460	2.780579	2.780579
5	1964	1964	3	545.6452	400.0161	4.084999	1.986342
2	1965	1965	3	214.3	214.3	0	0
3	1965	1965	3	200	200	0	0
4	1965	1965	3	1553.32	1553.32	113.8095	113.8095
5	1965	1965	3	1241.977	1241.977	39.57928	39.57928
2	1966	1966	3	228.6	228.6	0	0
3	1966	1966	3	200	200	0	0
4	1966	1966	3	777.1443	777.1443	8.082261	8.082261
5	1966	1966	3	925.8229	630.6581	10.97716	5.528017
2	1967	1967	3	907.5395	221.4	10.62117	0
3	1967	1967	3	1521	1521	107.7933	107.7933
4	1967	1967	3	1400.007	1400.007	78.52412	78.52412
5	1967	1967	3	1672.093	1672.093	135.9184	135.9184
2	1968	1968	3	235.7	235.7	0	0
3	1968	1968	3	200	200	0	0
4	1968	1968	3	1553.32	766.6667	113.8095	7.878254

5	1968	1968	3	1241.977	630.6581	39.57928	5.528017
2	1969	1969	3	228.6	3290.391	0	396.6646
3	1969	1969	3	1648.4	1736.023	131.5081	147.8187
4	1969	1969	3	1690.199	1456.852	139.2888	92.94119
5	1969	1969	3	2372.938	3463.535	238.5976	415.6228
2	1970	1970	3	2594.667	2594.667	277.77	277.77
3	1970	1970	3	1521	717.8939	107.7933	7.008767
4	1970	1970	3	1400.007	1553.32	78.52412	113.8095
5	1970	1970	3	1554.823	1241.977	114.0892	39.57928
2	1971	1971	3	235.7	228.6	0	0
3	1971	1971	3	200	200	0	0
4	1971	1971	3	1553.32	1553.32	113.8095	113.8095
5	1971	1971	3	1241.977	1241.977	39.57928	39.57928
2	1972	1972	3	228.6	228.6	0	0
3	1972	1972	3	200	200	0	0
4	1972	1972	3	1553.32	460	113.8095	2.780579
5	1972	1972	3	1241.977	400.0161	39.57928	1.986342
2	1973	1973	3	228.6	219.35	0	0
3	1973	1973	3	200	200	0	0
4	1973	1973	3	1553.32	1553.32	113.8095	113.8095
5	1973	1973	3	1241.977	1241.977	39.57928	39.57928
2	1974	1974	3	228.6	228.6	0	0
3	1974	1974	3	200	1204.191	0	35.33835
4	1974	1974	3	1553.32	1553.32	113.8095	113.8095
5	1974	1974	3	1241.977	1241.977	39.57928	39.57928
2	1975	1975	4	266.0963	1417.497	0.213129	82.9599
3	1975	1975	4	200	1157.972	0	30.15114
4	1975	1975	4	1553.32	1553.32	113.8095	113.8095
5	1975	1975	4	1316.711	1241.977	57.3987	39.57928
2	1976	1976	4	228.6	228.6	0	0
3	1976	1976	4	200	200	0	0
4	1976	1976	4	766.6667	460	7.878254	2.780579
5	1976	1976	4	702.1281	400.0161	6.741157	1.986342
2	1977	1977	4	422.0481	214.3	2.278064	0
3	1977	1977	4	502.4833	200	3.352365	0
4	1977	1977	4	584.5991	465.8521	4.746206	2.858065
5	1977	1977	4	559.053	400.0161	4.312584	1.986342
2	1978	1978	4	214.3	214.3	0	0
3	1978	1978	4	335.2903	1656.29	1.129316	132.9769
4	1978	1978	4	766.6667	1400.007	7.878254	78.52412
5	1978	1978	4	690.2908	1614.455	6.540228	125.1895
2	1979	1979	4	221.4	235.7	0	0
3	1979	1979	4	200	200	0	0
4	1979	1979	4	1553.32	1553.32	113.8095	113.8095
5	1979	1979	4	1414.218	1414.218	82.12836	82.12836
2	1980	1980	4	228.6	228.6	0	0
3	1980	1980	4	1521	1521	107.7933	107.7933

4	1980	1980	4	1400.007	1400.007	78.52412	78.52412
5	1980	1980	4	1554.823	1554.823	114.0892	114.0892
2	1981	1981	4	235.7	235.7	0	0
3	1981	1981	4	200	200	0	0
4	1981	1981	4	766.6667	766.6667	7.878254	7.878254
5	1981	1981	4	630.6581	630.6581	5.528017	5.528017
2	1982	1982	4	221.4	5635.198	0	810.1377
3	1982	1982	4	2457.619	3581.679	251.1472	433.1804
4	1982	1982	4	2765.701	2765.701	314.5222	314.5222
5	1982	1982	4	1958.081	1554.823	177.8113	114.0892
2	1983	1983	4	5341.298	5341.298	810.1377	810.1377
3	1983	1983	4	6184.745	6184.745	810.1377	810.1377
4	1983	1983	4	1633.353	1400.007	128.7073	78.52412
5	1983	1983	4	1958.081	1554.823	177.8113	114.0892
2	1984	1984	4	2582.006	2582.006	275.0494	275.0494
3	1984	1984	4	1521	1521	107.7933	107.7933
4	1984	1984	4	1400.007	1400.007	78.52412	78.52412
5	1984	1984	4	1554.823	1554.823	114.0892	114.0892
2	1985	1985	4	235.7	235.7	0	0
3	1985	1985	4	200	200	0	0
4	1985	1985	4	1553.32	766.6667	113.8095	7.878254
5	1985	1985	4	1241.977	630.6581	39.57928	5.528017
2	1986	1986	4	518.2735	3330.524	3.620389	401.0589
3	1986	1986	4	4494.96	5306.729	622.0819	810.1377
4	1986	1986	4	1633.353	1400.007	128.7073	78.52412
5	1986	1986	4	1958.081	1554.823	177.8113	114.0892
2	1987	1987	4	364.3	235.7	1.513429	0
3	1987	1987	4	200	200	0	0
4	1987	1987	4	1553.32	460	113.8095	2.780579
5	1987	1987	4	1241.977	400.0161	39.57928	1.986342
2	1988	1988	5	328.5383	214.3	1.039914	0
3	1988	1988	5	256.1415	256.1415	0.081319	0.081319
4	1988	1988	5	465.5877	460	2.854565	2.780579
5	1988	1988	5	566.5016	400.0161	4.439019	1.986342
2	1989	1989	5	284.9237	214.3	0.46242	0
3	1989	1989	5	200	200	0	0
4	1989	1989	5	460	460	2.780579	2.780579
5	1989	1989	5	591.3456	400.0161	4.860722	1.986342
2	1990	1990	5	254.7205	214.3	0.062504	0
3	1990	1990	5	200	200	0	0
4	1990	1990	5	595.4005	460	4.929551	2.780579
5	1990	1990	5	547.2144	400.0161	4.111635	1.986342
2	1991	1991	5	352.9873	214.3	1.36364	0
3	1991	1991	5	200	200	0	0
4	1991	1991	5	460.746	460.746	2.790456	2.790456
5	1991	1991	5	578.8438	400.0161	4.648516	1.986342
2	1992	1992	5	214.3	214.3	0	0

3	1992	1992	5	200	200	0	0
4	1992	1992	5	599.6934	460	5.002418	2.780579
5	1992	1992	5	400.0161	400.0161	1.986342	1.986342
2	1993	1993	5	214.3	214.3	0	0
3	1993	1993	5	200	200	0	0
4	1993	1993	5	502.2794	1581.491	3.348903	119.0534
5	1993	1993	5	422.606	1264.567	2.28545	44.1742
2	1994	1994	5	214.3	228.6	0	0
3	1994	1994	5	324.8455	324.8455	0.991018	0.991018
4	1994	1994	5	581.237	460	4.689138	2.780579
5	1994	1994	5	537.8599	400.0161	3.952851	1.986342
2	1995	1995	5	234.9683	214.3	0	0
3	1995	1995	5	242.6042	1521	0	107.7933
4	1995	1995	5	1553.32	1400.007	113.8095	78.52412
5	1995	1995	5	1241.977	1554.823	39.57928	114.0892
2	1996	1996	5	291.7664	298.8664	0.553023	0.647033
3	1996	1996	5	1521	1521	107.7933	107.7933
4	1996	1996	5	1400.007	1400.007	78.52412	78.52412
5	1996	1996	5	1554.823	1554.823	114.0892	114.0892
2	1997	1997	5	7800.804	7800.804	810.1377	810.1377
3	1997	1997	5	3785.407	2872.497	467.0146	337.4706
4	1997	1997	5	1400.007	1400.007	78.52412	78.52412
5	1997	1997	5	1554.823	1554.823	114.0892	114.0892
2	1998	1998	5	2260.263	2260.263	221.8996	221.8996
3	1998	1998	5	2000.409	2000.409	183.39	183.39
4	1998	1998	5	1633.353	1400.007	128.7073	78.52412
5	1998	1998	5	1958.081	1554.823	177.8113	114.0892
2	1999	1999	5	3537.572	3537.572	425.8553	425.8553
3	1999	1999	5	1521	935.3436	107.7933	11.16254
4	1999	1999	5	1400.007	1553.32	78.52412	113.8095
5	1999	1999	5	1554.823	1241.977	114.0892	39.57928
2	2000	2000	5	235.7	375.327	0	1.659437
3	2000	2000	5	1521	1191.945	107.7933	33.96403
4	2000	2000	5	1400.007	1553.32	78.52412	113.8095
5	2000	2000	5	1554.823	1241.977	114.0892	39.57928
2	2001	2001	5	235.7	228.6	0	0
3	2001	2001	5	200	200	0	0
4	2001	2001	5	775.4286	468.7619	8.048855	2.896594
5	2001	2001	5	679.1922	400.0161	6.35184	1.986342
2	2002	2002	5	235.6294	220.4897	0	0
3	2002	2002	5	200	200	0	0
4	2002	2002	5	784.1286	477.4619	8.218252	3.01179
5	2002	2002	5	750.2247	400.0161	7.558114	1.986342
2	2003	2003	5	704.8001	219.6683	6.786511	0
3	2003	2003	5	200	200	0	0
4	2003	2003	5	793.4707	1580.124	8.400151	118.7989
5	2003	2003	5	895.4579	1241.977	10.38593	39.57928

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San Joaquin Basin

Water Year	Water Year Type	
1922	W	1
1923	AN	2
1924	C	5
1925	BN	3
1926	D	4
1927	AN	2
1928	BN	3
1929	C	5
1930	C	5
1931	C	5
1932	AN	2
1933	D	4
1934	C	5
1935	AN	2
1936	AN	2
1937	W	1
1938	W	1
1939	D	4
1940	AN	2
1941	W	1
1942	W	1
1943	W	1
1944	BN	3
1945	AN	2
1946	AN	2
1947	D	4
1948	BN	3
1949	BN	3
1950	BN	3
1951	AN	2
1952	W	1
1953	BN	3
1954	BN	3
1955	D	4
1956	W	1
1957	BN	3
1958	W	1
1959	D	4
1960	C	5
1961	C	5
1962	BN	3
1963	AN	2
1964	D	4
1965	W	1

W	1
AN	2
BN	3
D	4
C	5

1966	BN	3
1967	W	1
1968	D	4
1969	W	1
1970	AN	2
1971	BN	3
1972	D	4
1973	AN	2
1974	W	1
1975	W	1
1976	C	5
1977	C	5
1978	W	1
1979	AN	2
1980	W	1
1981	D	4
1982	W	1
1983	W	1
1984	AN	2
1985	D	4
1986	W	1
1987	C	5
1988	C	5
1989	C	5
1990	C	5
1991	C	5
1992	C	5
1993	W	1
1994	C	5
1995	W	1
1996	W	1
1997	W	1
1998	W	1
1999	AN	2
2000	AN	2
2001	D	4
2002	D	4
2003	BN	3
2004	D	4
2005	W	1
2006	W	1
2007	C	5
2008	C	5
2009	BN	3
2010	AN	2