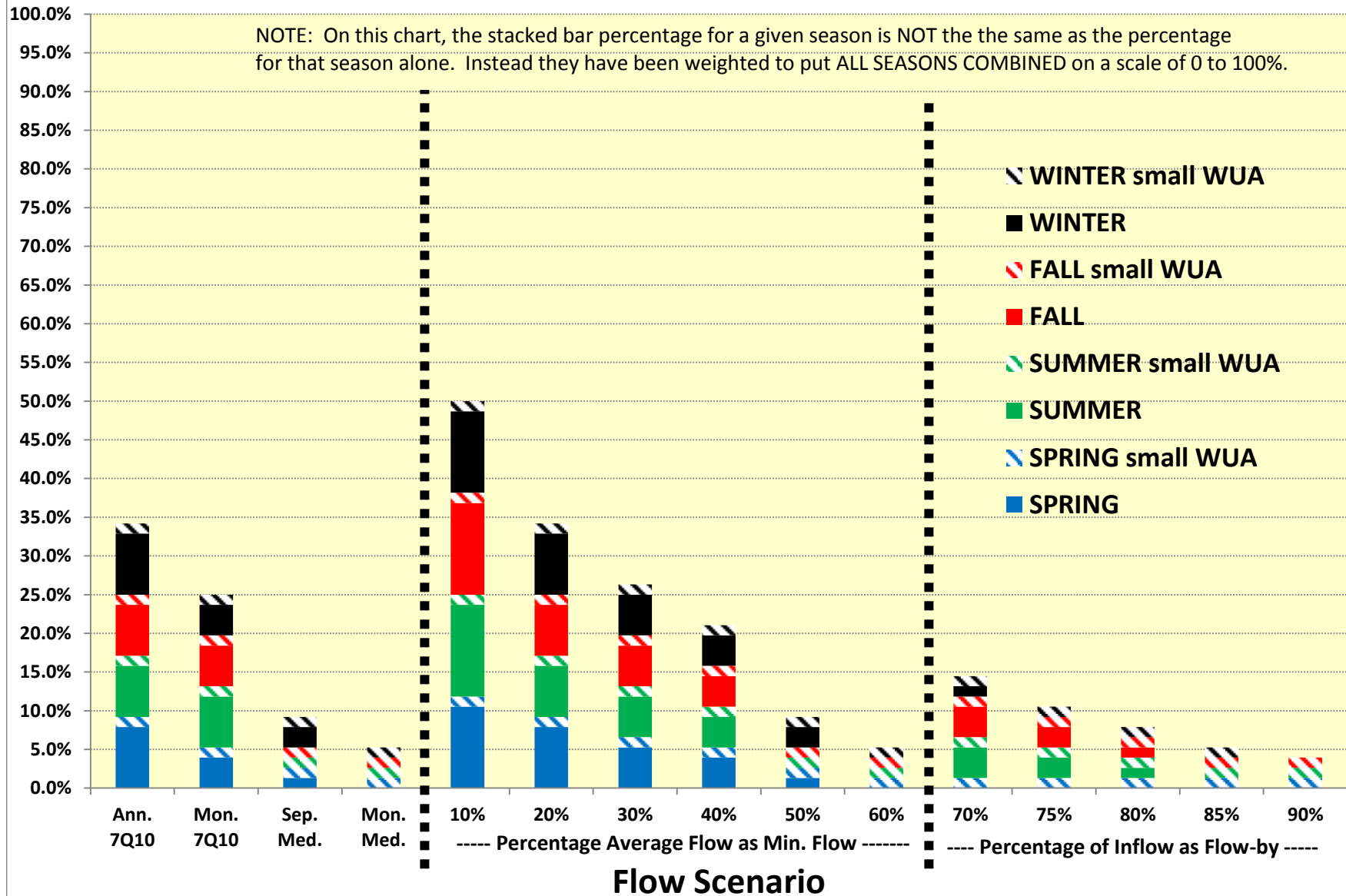


# **Fisrt Broad River, Middle site - Percentage (weighted equally for each season) of 19 Guilds/Species with Less Than 80% of Unregulated Index B Value**



**FIRST BROAD, MIDDLE**

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B >= 1000, then table shows a "1".

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B < 1000, then table shows a "0.01".

Season **SPRING**

**April - June**

Numbers in **Red** indicate low amount of habitat (seasonal unregulated index B < 1,000).

Guild		Traditional Minimum Flow				Percent Mean Annual Flow						Percent Flow-by				
		Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow	SSYOY															
	SSVEG															
	SSWOOD															
	SSCOARSE															
	SSFINENC															
	SFLOWVEL															
	SFMODEVEL					1										
	SFHIVEL	1	1			1	1	1	1							
Deep	DSCOV	1	1			1	1	1	1							
	DSCOV2															
	DSNC					1										
	DFFINE	1				1	1	1								
	DFGRCOB	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
	DFCOARSE	1	1	1		1	1	1	1	1						
Other	AMSS2	1				1	1									
	ROBRHS															
	GORHA	1				1	1									
	GORHJ	1				1	1									
	AMSS4															
	EPHEM															
	PLECO															
	TRIC1															
	MACLR															
Total out of 19		6.01	3.01	1.01	0.01	8.01	6.01	4.01	3.01	1.01	0.01	0.01	0.01	0.01	0.01	0.01
total > 1000 WUA		6	3	1	0	8	6	4	3	1	0	0	0	0	0	0
total < 1000 WUA		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total out of 19		7	4	2	1	9	7	5	4	2	1	1	1	1	1	1
% for just this season		36.8%	21.1%	10.5%	5.3%	47.4%	36.8%	26.3%	21.1%	10.5%	5.3%	5.3%	5.3%	5.3%	5.3%	5.3%
% weighted equally for each season		9.2%	5.3%	2.6%	1.3%	11.8%	9.2%	6.6%	5.3%	2.6%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%
% > 1000 WUA		7.9%	3.9%	1.3%	0.0%	10.5%	7.9%	5.3%	3.9%	1.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% < 1000 WUA		1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%

unregulated Index B
1512
7774
7774
364
8778
523
3422
1462
3811
6824
4941
11788
345
22017
34224
2206
2409
13248
4587
14276
21516

**FIRST BROAD, MIDDLE**

Table shows percentage of unregulated Index B value achieved by flow scenario

 Season **SPRING**

April - June

Highlighted cells are those &gt;120% or &lt; 80%

Guild		Traditional Minimum Flow				Minimum = Percent Mean Annual Flow						Percent Flow-by				
		Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow	SSYOY	114.2%	152.1%	157.5%	115.8%	163.0%	113.5%	139.0%	162.4%	157.2%	135.4%	128.9%	124.5%	119.7%	114.9%	109.8%
	SSVEG	217.7%	145.9%	122.6%	105.4%	288.0%	209.1%	164.3%	137.8%	122.5%	114.2%	118.6%	114.7%	111.2%	108.1%	105.2%
	SSWOOD	217.7%	145.9%	122.6%	105.4%	288.0%	209.1%	164.3%	137.8%	122.5%	114.2%	118.6%	114.7%	111.2%	108.1%	105.2%
	SSCOARSE	1134.3%	356.0%	260.2%	98.6%	1475.3%	920.6%	432.4%	335.4%	260.2%	154.9%	183.0%	164.0%	147.0%	133.0%	120.3%
	SSFINENC	155.9%	114.3%	104.3%	103.1%	249.7%	148.2%	123.2%	109.8%	104.3%	103.7%	105.7%	104.5%	103.5%	102.5%	101.7%
	SFLOWVEL	804.0%	449.5%	308.8%	104.4%	759.7%	787.0%	561.0%	399.2%	308.2%	232.9%	235.4%	205.0%	178.4%	155.1%	134.4%
	SFMODVEL	118.4%	164.2%	165.4%	121.6%	70.9%	125.9%	161.7%	168.3%	165.3%	160.8%	138.3%	132.6%	126.6%	120.0%	113.4%
	SFHIVEL	14.5%	52.9%	80.4%	129.7%	3.6%	16.7%	34.6%	56.8%	80.5%	102.3%	85.8%	90.4%	93.9%	96.6%	98.4%
Deep	DSCOV	43.5%	53.7%	82.3%	105.0%	26.4%	43.5%	43.5%	43.5%	82.7%	102.7%	80.7%	84.8%	88.6%	91.8%	94.8%
	DSCOV2	107.3%	107.2%	102.6%	99.1%	84.7%	108.6%	110.1%	106.9%	102.6%	99.6%	102.0%	101.5%	101.1%	100.7%	100.4%
	DSNC	96.6%	141.3%	120.4%	102.6%	22.5%	105.4%	170.2%	125.9%	120.4%	115.5%	111.2%	109.1%	107.2%	105.3%	103.4%
	DDFINE	35.2%	90.0%	111.2%	105.4%	11.1%	40.0%	72.3%	98.2%	111.3%	112.6%	100.2%	100.9%	101.2%	101.2%	101.0%
	DFGRCOB	0.0%	0.0%	0.0%	64.6%	0.0%	0.0%	0.0%	0.0%	0.0%	22.3%	35.7%	43.8%	52.2%	60.6%	69.0%
	DFCOARSE	30.3%	61.3%	77.4%	97.6%	15.4%	32.8%	49.7%	64.9%	77.5%	86.6%	84.0%	87.4%	90.5%	93.3%	95.8%
Other	AMSS2	69.6%	97.1%	101.7%	101.7%	38.2%	73.8%	92.9%	99.8%	101.7%	102.7%	99.8%	100.1%	100.2%	100.3%	100.2%
	ROBRHS															
	GORHA	77.3%	90.3%	95.1%	99.0%	64.5%	78.7%	86.3%	91.6%	95.1%	97.0%	96.1%	96.9%	97.6%	98.3%	99.0%
	GORHJ	66.3%	91.7%	101.1%	103.2%	45.9%	69.1%	84.5%	94.9%	101.1%	104.3%	98.4%	99.1%	99.6%	99.9%	100.1%
	AMSS4															
	EPHEM	166.6%	155.2%	140.9%	107.7%	150.4%	167.6%	164.4%	153.6%	140.9%	128.4%	126.7%	121.7%	117.0%	112.5%	108.1%
	PLECO	164.3%	160.1%	137.6%	108.9%	119.4%	169.2%	176.6%	155.5%	137.5%	127.4%	127.2%	122.1%	117.2%	112.6%	108.2%
	TRIC1	105.5%	120.3%	119.6%	104.7%	87.6%	107.7%	119.3%	122.4%	119.6%	115.4%	110.7%	109.1%	107.3%	105.6%	103.7%
	MACLR	147.4%	135.3%	126.0%	105.7%	145.3%	147.0%	141.5%	133.8%	125.9%	118.7%	117.4%	114.2%	111.2%	108.2%	105.4%
	AVERAGE	185.1%	137.3%	125.6%	104.3%	195.7%	174.9%	147.2%	133.3%	125.6%	116.7%	114.5%	111.5%	108.7%	106.1%	103.7%
MEDIAN		107.3%	120.3%	119.6%	104.7%	84.7%	108.6%	123.2%	122.4%	119.6%	114.2%	110.7%	109.1%	107.2%	105.3%	103.4%
MINIMUM		0.0%	0.0%	0.0%	64.6%	0.0%	0.0%	0.0%	0.0%	0.0%	22.3%	35.7%	43.8%	52.2%	60.6%	69.0%
MAXIMUM		1134.3%	449.5%	308.8%	129.7%	1475.3%	920.6%	561.0%	399.2%	308.2%	232.9%	235.4%	205.0%	178.4%	155.1%	134.4%

# FIRST BROAD, MIDDLE

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B >= 1000, then table shows a "1".

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B < 1000, then table shows a "0.01".

Season **SUMMER**

July - September

Numbers in **Red** indicate low amount of habitat (seasonal unregulated index B < 1,000).

Guild		Traditional Minimum Flow				Percent Mean Annual Flow						Percent Flow-by				
		Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow	SSYOY															
	SSVEG															
	SSWOOD															
	SSCOARSE															
	SSFINENC															
	SFLOWVEL															
	SFMODVEL					1										
	SFHIVEL	1	1			1	1	1	1			1	1	1		
Deep	DSCOV	1	1			1	1	1	1			1	1			
	DSCOV2															
	DSNC					1										
	DFFINE	1	1			1	1	1								
	DFGRCOB	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
	DFCOARSE	1	1			1	1	1	1			1				
Other	AMSS2	1				1	1									
	ROBRHS															
	GORHA					1										
	GORHJ	1	1			1	1									
	AMSS4															
	EPHEM															
	PLECO															
	TRIC1					1										
	MACLR															
Total out of 19		5.01	5.01	0.01	0.01	9.01	5.01	4.01	3.01	0.01	0.01	3.01	2.01	1.01	0.01	0.01
total > 1000 WUA		5	5	0	0	9	5	4	3	0	0	3	2	1	0	0
total < 1000 WUA		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total out of 19		6	6	1	1	10	6	5	4	1	1	4	3	2	1	1
% for just this season		31.6%	31.6%	5.3%	5.3%	52.6%	31.6%	26.3%	21.1%	5.3%	5.3%	21.1%	15.8%	10.5%	5.3%	5.3%
% weighted equally for each season		7.9%	7.9%	1.3%	1.3%	13.2%	7.9%	6.6%	5.3%	1.3%	1.3%	5.3%	3.9%	2.6%	1.3%	1.3%
% > 1000 WUA		6.6%	6.6%	0.0%	0.0%	11.8%	6.6%	5.3%	3.9%	0.0%	0.0%	3.9%	2.6%	1.3%	0.0%	0.0%
% < 1000 WUA		1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%

unregulated Index B
1992
9448
9448
712
9367
1344
4806
1207
3002
6972
5516
11693
106
17978
34045
2105
2353
17167
5951
15884
25702

**FIRST BROAD, MIDDLE**

Table shows percentage of unregulated Index B value achieved by flow scenario

 Season **SUMMER**

July - September

Highlighted cells are those &gt;120% or &lt; 80%

Guild		Traditional Minimum Flow				Minimum = Percent Mean Annual Flow						Percent Flow-by				
		Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow	SSYOY	86.6%	87.0%	118.9%	111.8%	123.7%	86.1%	105.4%	121.7%	118.8%	107.6%	106.3%	106.3%	105.8%	104.9%	103.5%
	SSVEG	179.1%	162.4%	106.1%	103.3%	236.9%	172.0%	135.4%	115.6%	106.1%	101.7%	120.3%	115.8%	111.9%	108.4%	105.4%
	SSWOOD	179.1%	162.4%	106.1%	103.3%	236.9%	172.0%	135.4%	115.6%	106.1%	101.7%	120.3%	115.8%	111.9%	108.4%	105.4%
	SSCOARSE	579.9%	375.0%	146.9%	130.5%	754.2%	470.6%	221.5%	177.0%	146.9%	114.6%	173.7%	156.0%	141.7%	129.2%	118.3%
	SSFINENC	146.1%	131.3%	100.2%	100.0%	234.0%	138.8%	115.6%	104.2%	100.2%	99.8%	108.5%	106.4%	104.6%	103.2%	102.0%
	SFLOWVEL	312.9%	290.8%	135.0%	123.2%	295.6%	306.3%	218.9%	161.6%	134.8%	116.6%	169.7%	155.8%	142.9%	130.9%	120.0%
	SFMODVEL	84.3%	96.4%	117.7%	116.0%	50.5%	89.7%	115.0%	119.4%	117.7%	115.5%	106.6%	106.6%	106.2%	105.2%	103.9%
	SFHIVEL	17.6%	24.7%	87.4%	98.2%	4.3%	20.2%	41.8%	65.9%	87.5%	104.1%	65.6%	72.0%	78.2%	84.2%	89.8%
Deep	DSCOV	55.2%	55.2%	88.5%	96.3%	33.5%	55.2%	55.2%	55.2%	88.7%	103.1%	75.8%	79.4%	83.5%	87.7%	92.0%
	DSCOV2	105.0%	107.6%	101.6%	100.3%	82.9%	106.3%	107.7%	104.8%	101.5%	99.6%	102.9%	102.4%	101.9%	101.3%	100.9%
	DSNC	86.5%	110.2%	109.0%	107.0%	20.1%	94.4%	152.5%	113.0%	109.0%	106.0%	109.0%	107.4%	105.6%	104.1%	102.7%
	DDFINE	35.5%	47.7%	106.3%	106.8%	11.1%	40.4%	72.7%	96.3%	106.4%	106.6%	86.6%	90.2%	93.2%	95.6%	97.4%
	DFGRCOB	0.0%	0.0%	0.0%	29.2%	0.0%	0.0%	0.0%	0.0%	0.0%	45.3%	20.8%	31.1%	41.5%	54.7%	68.9%
	DFCOARSE	37.1%	44.8%	89.1%	93.7%	18.8%	40.2%	60.8%	77.5%	89.1%	96.2%	77.6%	81.9%	86.0%	89.9%	93.4%
Other	AMSS2	89.9%	80.0%	101.1%	101.5%	98.4%	74.2%	93.3%	99.6%	101.1%	101.8%	95.6%	96.8%	97.8%	98.6%	99.2%
	ROBRHS															
	GORHA	81.0%	84.5%	98.1%	99.0%	67.6%	82.5%	90.4%	95.4%	98.2%	99.5%	94.6%	95.8%	96.8%	97.7%	98.5%
	GORHJ	67.9%	74.8%	100.8%	102.1%	47.0%	70.8%	86.4%	96.0%	100.8%	103.0%	92.6%	94.4%	95.9%	97.2%	98.3%
	AMSS4															
	EPHEM	128.6%	129.7%	111.9%	107.9%	116.1%	129.3%	126.9%	119.3%	111.8%	105.7%	115.4%	112.9%	110.4%	107.9%	105.3%
	PLECO	126.6%	134.5%	110.2%	106.9%	92.1%	130.4%	136.1%	120.9%	110.2%	105.1%	115.8%	113.1%	110.7%	108.0%	105.4%
	TRIC1	94.8%	99.4%	107.7%	105.9%	78.7%	96.8%	107.2%	109.7%	107.7%	105.1%	103.2%	103.1%	102.8%	102.3%	101.7%
	MACLR	123.4%	122.4%	107.8%	105.3%	121.7%	123.1%	118.5%	112.7%	107.7%	103.9%	111.2%	109.3%	107.5%	105.6%	103.7%
	AVERAGE	123.7%	115.3%	102.4%	102.3%	126.9%	119.0%	109.4%	103.9%	102.4%	102.0%	103.4%	102.5%	101.8%	101.2%	100.7%
MEDIAN		86.6%	99.4%	106.1%	103.3%	78.7%	94.4%	107.7%	109.7%	106.1%	103.9%	106.3%	106.3%	104.6%	103.2%	102.0%
MINIMUM		0.0%	0.0%	0.0%	29.2%	0.0%	0.0%	0.0%	0.0%	0.0%	45.3%	20.8%	31.1%	41.5%	54.7%	68.9%
MAXIMUM		579.9%	375.0%	146.9%	130.5%	754.2%	470.6%	221.5%	177.0%	146.9%	116.6%	173.7%	156.0%	142.9%	130.9%	120.0%

# FIRST BROAD, MIDDLE

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B >= 1000, then table shows a "1".

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B < 1000, then table shows a "0.01".

Season **FALL**

Oct & Nov

Numbers in **Red** indicate low amount of habitat (seasonal unregulated index B < 1,000).

Guild		Traditional Minimum Flow				Percent Mean Annual Flow						Percent Flow-by				
		Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow	SSYOY															
	SSVEG															
	SSWOOD															
	SSCOARSE															
	SSFINENC															
	SFLOWVEL															
	SFMODVEL					1										
	SFHIVEL	1	1			1	1	1	1			1	1	1		
Deep	DSCOV	1	1			1	1	1	1			1	1			
	DSCOV2															
	DSNC					1										
	DFFINE	1	1			1	1	1								
	DFGRCOB	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
	DFCOARSE	1	1			1	1	1	1			1				
Other	AMSS2	1				1	1									
	ROBRHS															
	GORHA					1										
	GORHJ	1				1	1									
	AMSS4															
	EPHEM															
	PLECO															
	TRIC1					1										
	MACLR															
	Total out of 19		5.01	4.01	0.01	0.01	9.01	5.01	4.01	3.01	0.01	0.01	3.01	2.01	1.01	0.01
total > 1000 WUA		5	4	0	0	9	5	4	3	0	0	3	2	1	0	0
total < 1000 WUA		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total out of 19		6	5	1	1	10	6	5	4	1	1	4	3	2	1	1
% for just this season		31.6%	26.3%	5.3%	5.3%	52.6%	31.6%	26.3%	21.1%	5.3%	5.3%	21.1%	15.8%	10.5%	5.3%	5.3%
% weighted equally for each season		7.9%	6.6%	1.3%	1.3%	13.2%	7.9%	6.6%	5.3%	1.3%	1.3%	5.3%	3.9%	2.6%	1.3%	1.3%
% > 1000 WUA		6.6%	5.3%	0.0%	0.0%	11.8%	6.6%	5.3%	3.9%	0.0%	0.0%	3.9%	2.6%	1.3%	0.0%	0.0%
% < 1000 WUA		1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%

unregulated Index B
2063
9572
9572
758
9372
1436
5034
1157
2865
7021
5692
11768
85
17553
34080
2096
2351
17649
6148
16207
26136

**FIRST BROAD, MIDDLE**

Table shows percentage of unregulated Index B value achieved by flow scenario

 Season **FALL**

October &amp; November

Highlighted cells are those &gt;120% or &lt; 80%

Guild		Traditional Minimum Flow				Minimum = Percent Mean Annual Flow						Percent Flow-by				
		Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow	SSYOY	83.7%	92.7%	115.4%	114.2%	119.4%	83.2%	101.7%	117.5%	115.2%	105.8%	101.5%	102.3%	102.7%	102.7%	102.2%
	SSVEG	176.8%	143.7%	104.7%	104.0%	233.9%	169.8%	133.5%	113.8%	104.7%	100.9%	120.8%	116.4%	112.3%	108.7%	105.5%
	SSWOOD	176.8%	143.7%	104.7%	104.0%	233.9%	169.8%	133.5%	113.8%	104.7%	100.9%	120.8%	116.4%	112.3%	108.7%	105.5%
	SSCOARSE	544.7%	257.4%	137.6%	137.6%	708.4%	442.1%	207.8%	165.4%	137.6%	111.3%	166.9%	151.6%	138.3%	126.6%	116.5%
	SSFINENC	146.0%	121.3%	100.0%	100.0%	233.9%	138.8%	115.5%	103.9%	100.0%	99.7%	109.3%	107.1%	105.1%	103.5%	102.1%
	SFLOWVEL	292.8%	233.4%	126.3%	124.6%	276.7%	286.6%	204.6%	150.4%	126.2%	111.2%	166.3%	152.5%	139.9%	128.8%	118.2%
	SFMODEVEL	80.5%	103.0%	112.6%	112.4%	48.2%	85.6%	109.8%	114.1%	112.5%	110.7%	103.6%	104.2%	104.3%	103.8%	102.9%
	SFHIVEL	18.3%	36.1%	90.7%	93.1%	4.5%	21.1%	43.6%	69.1%	90.8%	106.0%	63.7%	69.7%	76.4%	82.9%	89.0%
Deep	DSCOV	57.8%	57.8%	90.9%	90.9%	35.1%	57.8%	57.8%	57.8%	91.1%	104.1%	75.8%	79.1%	82.2%	86.0%	90.5%
	DSCOV2	104.2%	107.4%	101.2%	100.8%	82.4%	105.5%	107.0%	104.2%	101.1%	99.5%	103.1%	102.6%	102.2%	101.6%	101.1%
	DSNC	83.8%	138.5%	106.3%	105.8%	19.5%	91.5%	147.8%	109.8%	106.3%	103.8%	108.8%	106.2%	104.5%	103.1%	102.4%
	DDFINE	35.2%	62.2%	105.7%	105.9%	11.1%	40.1%	72.3%	96.0%	105.8%	105.9%	84.2%	88.1%	91.5%	94.3%	96.7%
	DFGRCOB	0.0%	0.0%	0.0%	11.8%	0.0%	0.0%	0.0%	0.0%	0.0%	49.4%	18.8%	29.4%	41.2%	54.1%	68.2%
	DFCOARSE	38.0%	55.6%	91.1%	92.3%	19.3%	41.1%	62.3%	79.7%	91.1%	97.5%	76.8%	81.2%	85.4%	89.4%	93.1%
Other	AMSS2	69.9%	88.6%	101.1%	101.2%	38.3%	74.1%	93.2%	99.6%	101.1%	101.6%	95.2%	96.6%	97.6%	98.5%	99.1%
	ROBRHS															
	GORHA	81.3%	88.6%	98.6%	98.8%	67.8%	82.8%	90.8%	95.9%	98.6%	99.7%	94.4%	95.6%	96.7%	97.6%	98.5%
	GORHJ	67.9%	82.1%	100.9%	101.3%	47.0%	70.8%	86.6%	96.2%	100.9%	102.8%	91.7%	93.7%	95.3%	96.7%	97.8%
	AMSS4															
	EPHEM	125.1%	125.0%	109.2%	108.2%	112.9%	125.8%	123.4%	116.1%	109.1%	103.9%	114.6%	112.5%	109.9%	107.5%	105.0%
	PLECO	122.6%	132.5%	107.5%	106.8%	89.1%	126.2%	131.8%	117.3%	107.5%	103.3%	116.0%	113.6%	111.0%	108.2%	105.5%
	TRIC1	93.0%	102.1%	105.7%	105.4%	77.1%	94.9%	105.1%	107.6%	105.7%	103.4%	102.0%	102.2%	102.1%	101.8%	101.3%
	MACLR	121.4%	118.3%	106.1%	105.5%	119.7%	121.0%	116.5%	110.7%	106.1%	102.7%	110.6%	108.9%	107.1%	105.3%	103.5%
	AVERAGE	120.0%	109.0%	100.8%	101.2%	122.8%	115.7%	106.9%	101.9%	100.8%	101.2%	102.1%	101.4%	100.8%	100.5%	100.2%
MEDIAN		83.8%	103.0%	104.7%	104.0%	77.1%	91.5%	107.0%	107.6%	104.7%	103.3%	103.1%	102.6%	102.7%	102.7%	102.1%
MINIMUM		0.0%	0.0%	0.0%	11.8%	0.0%	0.0%	0.0%	0.0%	0.0%	49.4%	18.8%	29.4%	41.2%	54.1%	68.2%
MAXIMUM		544.7%	257.4%	137.6%	137.6%	708.4%	442.1%	207.8%	165.4%	137.6%	111.3%	166.9%	152.5%	139.9%	128.8%	118.2%

**FIRST BROAD, MIDDLE**

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B >= 1000, then table shows a "1".

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B < 1000, then table shows a "0.01".

Season **WINTER**

**Dec - March**

Numbers in **Red** indicate low amount of habitat (seasonal unregulated index B < 1,000).

Guild		Traditional Minimum Flow				Percent Mean Annual Flow						Percent Flow-by				
		Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow	SSYOY															
	SSVEG															
	SSWOOD															
	SSCOARSE															
	SSFINENC															
	SFLOWVEL															
	SFMODVEL					1										
	SFHIVEL	1	1			1	1	1	1							
Deep	DSCOV	1	1	1		1	1	1	1	1		1				
	DSCOV2															
	DSNC					1										
	DFFINE	1				1	1	1								
	DFGRCOB	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
	DFOARSE	1	1	1		1	1	1	1	1						
Other	AMSS2	1				1	1									
	ROBRHS															
	GORHA	1				1	1									
	GORHJ	1				1	1									
	AMSS4															
	EPHEM															
	PLECO															
	TRIC1															
	MACLR															
Total out of 19		6.01	3.01	2.01	0.01	8.01	6.01	4.01	3.01	2.01	0.01	1.01	0.01	0.01	0.01	0
total > 1000 WUA		6	3	2	0	8	6	4	3	2	0	1	0	0	0	0
total < 1000 WUA		1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
Total out of 19		7	4	3	1	9	7	5	4	3	1	2	1	1	1	0
% for just this season		36.8%	21.1%	15.8%	5.3%	47.4%	36.8%	26.3%	21.1%	15.8%	5.3%	10.5%	5.3%	5.3%	5.3%	0.0%
% weighted equally for each season		9.2%	5.3%	3.9%	1.3%	11.8%	9.2%	6.6%	5.3%	3.9%	1.3%	2.6%	1.3%	1.3%	1.3%	0.0%
% > 1000 WUA		7.9%	3.9%	2.6%	0.0%	10.5%	7.9%	5.3%	3.9%	2.6%	0.0%	1.3%	0.0%	0.0%	0.0%	0.0%
% < 1000 WUA		1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	1.3%	0.0%

unregulated Index B
1451
7576
7576
334
8698
446
3219
1461
4192
6813
4869
11767
371
22378
34198
2217
2407
12745
4409
14027
20952



**FIRST BROAD, MIDDLE**

Table shows percentage of unregulated Index B value achieved by flow scenario

 Season **WINTER**

December - March

Highlighted cells are those &gt;120% or &lt; 80%

Guild		Traditional Minimum Flow				Minimum = Percent Mean Annual Flow						Percent Flow-by				
		Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow	SSYOY	119.0%	164.6%	164.2%	114.1%	169.8%	118.3%	144.8%	169.2%	163.8%	140.8%	130.3%	125.4%	120.5%	115.4%	110.1%
	SSVEG	223.4%	143.9%	125.5%	105.8%	295.5%	214.6%	168.6%	141.4%	125.4%	116.6%	118.2%	114.4%	111.0%	107.9%	105.0%
	SSWOOD	223.4%	143.9%	125.5%	105.8%	295.5%	214.6%	168.6%	141.4%	125.4%	116.6%	118.2%	114.4%	111.0%	107.9%	105.0%
	SSCOARSE	1236.2%	368.9%	282.6%	97.9%	1607.8%	1003.3%	471.3%	365.6%	282.6%	162.6%	184.1%	164.1%	147.6%	132.6%	119.8%
	SSFINENC	157.3%	112.3%	105.2%	103.4%	252.0%	149.5%	124.3%	110.8%	105.2%	104.6%	105.4%	104.3%	103.3%	102.4%	101.6%
	SFLOWVEL	942.8%	485.0%	360.3%	103.6%	890.8%	922.9%	657.8%	468.2%	359.6%	267.7%	249.1%	215.9%	187.2%	161.0%	137.9%
	SFMODEVEL	125.8%	177.3%	175.8%	120.5%	75.3%	133.9%	171.9%	178.9%	175.8%	170.9%	142.2%	135.7%	128.9%	121.8%	114.5%
	SFHIVEL	14.5%	56.7%	80.8%	130.3%	3.6%	16.7%	34.6%	56.9%	81.0%	103.6%	86.7%	91.0%	94.4%	97.1%	98.8%
Deep	DSCOV	39.5%	46.6%	75.6%	97.3%	24.0%	39.5%	39.5%	39.5%	75.9%	94.9%	76.3%	80.0%	83.3%	86.2%	88.8%
	DSCOV2	107.4%	106.9%	102.7%	99.0%	84.9%	108.8%	110.2%	107.1%	102.7%	99.6%	101.9%	101.4%	100.9%	100.6%	100.3%
	DSNC	98.0%	136.7%	122.2%	102.3%	22.8%	107.0%	172.7%	127.7%	122.1%	117.0%	111.7%	109.6%	107.5%	105.4%	103.5%
	DDFINE	35.2%	95.5%	111.6%	104.7%	11.1%	40.1%	72.4%	98.4%	111.7%	113.1%	100.7%	101.2%	101.4%	101.2%	100.9%
	DFGRCOB	0.0%	0.0%	0.0%	68.7%	0.0%	0.0%	0.0%	0.0%	0.0%	21.6%	39.9%	47.7%	55.8%	63.9%	86.3%
	DFCOARSE	29.8%	63.1%	76.3%	98.3%	15.1%	32.3%	48.9%	63.9%	76.4%	85.7%	85.3%	88.4%	91.2%	93.8%	96.1%
Other	AMSS2	69.8%	98.9%	101.8%	101.5%	38.2%	73.9%	92.9%	99.9%	101.8%	102.9%	100.0%	100.2%	100.3%	100.3%	100.3%
	ROBRHS															
	GORHA	76.9%	90.7%	94.7%	99.1%	64.1%	78.3%	85.8%	91.2%	94.7%	96.7%	96.3%	97.1%	97.8%	98.4%	99.0%
	GORHJ	66.3%	94.0%	101.2%	103.5%	45.9%	69.2%	84.6%	94.9%	101.3%	104.7%	98.8%	99.3%	99.8%	100.0%	100.1%
	AMSS4															
	EPHEM	173.2%	159.6%	146.3%	107.6%	156.3%	174.2%	170.9%	159.6%	146.2%	132.7%	127.5%	122.2%	117.3%	112.6%	108.1%
	PLECO	170.9%	163.2%	142.9%	109.0%	124.3%	176.0%	183.8%	161.7%	142.8%	131.9%	128.0%	122.7%	117.7%	112.7%	108.2%
	TRIC1	107.4%	123.5%	121.7%	104.7%	89.1%	109.6%	121.4%	124.6%	121.7%	117.3%	111.5%	109.7%	107.8%	105.8%	103.8%
	MACLR	151.4%	137.5%	129.2%	105.8%	149.3%	151.0%	145.3%	137.4%	129.2%	121.4%	117.8%	114.5%	111.4%	108.3%	105.4%
	AVERAGE	198.5%	141.4%	130.8%	103.9%	210.3%	187.3%	155.7%	139.9%	130.7%	120.1%	115.7%	112.3%	109.3%	106.5%	104.5%
MEDIAN		107.4%	123.5%	121.7%	103.6%	84.9%	109.6%	124.3%	124.6%	121.7%	116.6%	111.5%	109.6%	107.5%	105.4%	103.5%
MINIMUM		0.0%	0.0%	0.0%	68.7%	0.0%	0.0%	0.0%	0.0%	0.0%	21.6%	39.9%	47.7%	55.8%	63.9%	86.3%
MAXIMUM		1236.2%	485.0%	360.3%	130.3%	1607.8%	1003.3%	657.8%	468.2%	359.6%	267.7%	249.1%	215.9%	187.2%	161.0%	137.9%