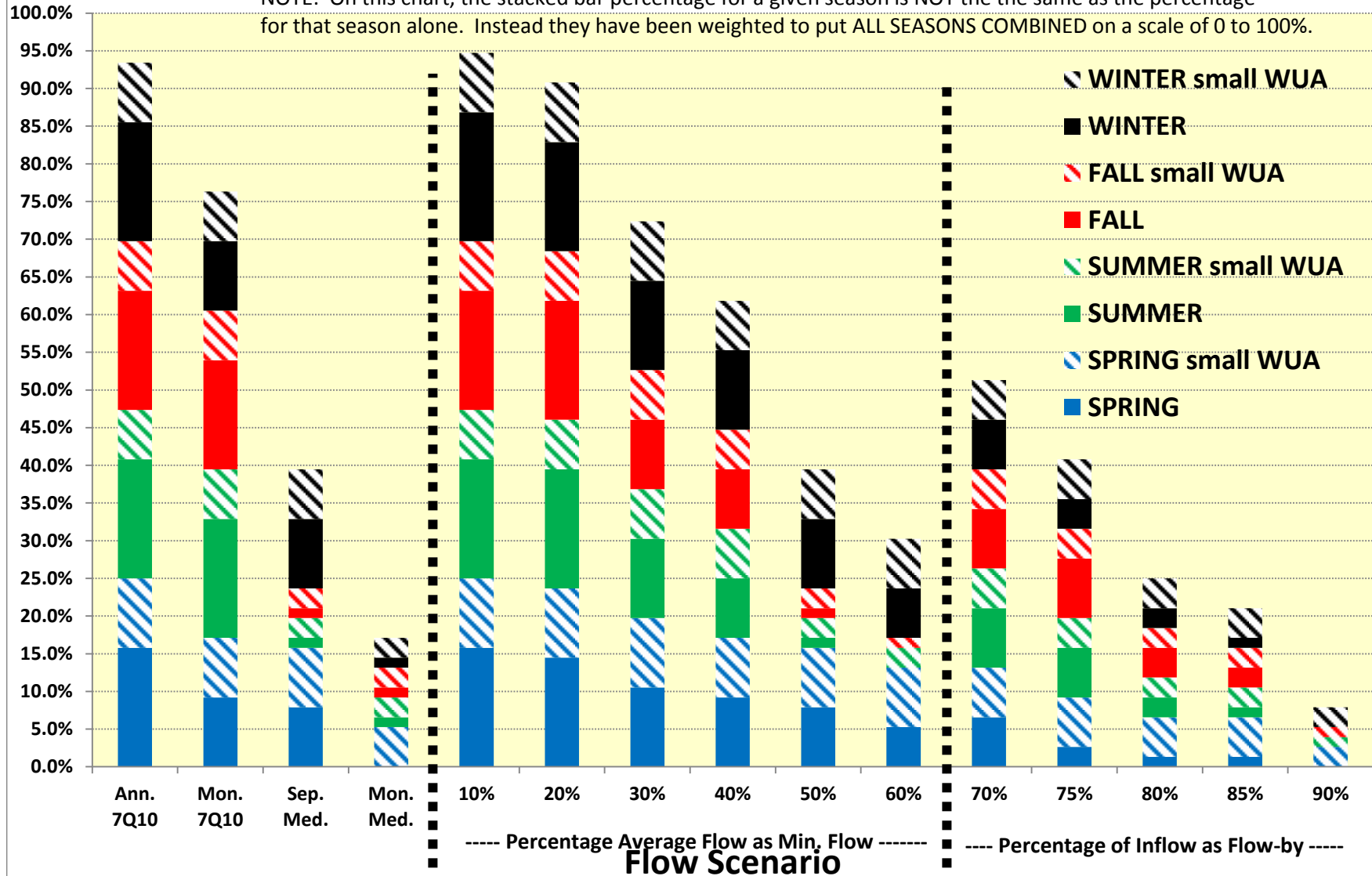


First Broad River, Upper site - Percentage (weighted equally for each season) of 19 Guilds/Species with Less Than 80% of Unregulated Index B Value

NOTE: On this chart, the stacked bar percentage for a given season is NOT the the same as the percentage for that season alone. Instead they have been weighted to put ALL SEASONS COMBINED on a scale of 0 to 100%.



FIRST BROAD, UPPER

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	1				1	1									
	SSVEG	1				1										
	SSWOOD	1				1	1									
	SSCOARSE	0.01				0.01	0.01	0.01								
	SSFINENC	1	1	1		1	1	1	1	1						
	SFLOWVEL	1	1			1	1	1	1							
	SFMODEVEL	1	1	1		1	1	1	1	1		1				
	SFHIVEL	0.01	0.01	0.01		0.01	0.01	0.01	0.01	0.01	0.01					
Deep	DSCOV	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	
	DSCOV2	1	1	1		1	1	1	1	1	1	1	1			
	DSNC	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
	DFFINE	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	
	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	1	1	1	1	1	
Other	AMSS2	1	1	1		1	1	1	1	1						
	ROBRHS															
	GORHA	1	1	1		1	1	1	1	1	1	1				
	GORHJ	0.01	0.01	0.01		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01			
	AMSS4															
	EPHEM	1				1	1									
	PLECO	1	1	1		1	1	1	1	1	1	1				
	TRIC1	1				1	1	1								
	MACLR	1				1	1	1								
Total out of 19		12.07	7.06	6.06	0.04	12.07	11.07	8.07	7.06	6.06	4.06	5.05	2.05	1.04	1.04	0.02
total > 1000 WUA		12	7	6	0	12	11	8	7	6	4	5	2	1	1	0
total < 1000 WUA		7	6	6	4	7	7	7	6	6	6	5	5	4	4	2
Total out of 19		19	13	12	4	19	18	15	13	12	10	10	7	5	5	2
% for just this season		100.0%	68.4%	63.2%	21.1%	100.0%	94.7%	78.9%	68.4%	63.2%	52.6%	52.6%	36.8%	26.3%	26.3%	10.5%
% weighted equally for each season		25.0%	17.1%	15.8%	5.3%	25.0%	23.7%	19.7%	17.1%	15.8%	13.2%	13.2%	9.2%	6.6%	6.6%	2.6%
% > 1000 WUA		15.8%	9.2%	7.9%	0.0%	15.8%	14.5%	10.5%	9.2%	7.9%	5.3%	6.6%	2.6%	1.3%	1.3%	0.0%
% < 1000 WUA		9.2%	7.9%	7.9%	5.3%	9.2%	9.2%	9.2%	7.9%	7.9%	7.9%	6.6%	6.6%	5.3%	5.3%	2.6%

unregulated Index B
1304
11776
12280
946
4682
1248
1555
178
607
2785
2
946
5
9043
47280
1303
943
16873
3857
13126
35860

FIRST BROAD, UPPER

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

 Season **SPRING**

April - June

Highlighted cells are those >120% or < 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	65.7%	223.5%	247.5%	117.7%	34.1%	76.0%	167.4%	271.1%	247.0%	172.9%	157.0%	148.0%	138.3%	128.5%	118.3%
	SSVEG	78.4%	110.1%	126.0%	111.8%	75.1%	80.3%	96.3%	116.3%	126.0%	126.7%	110.0%	109.4%	108.2%	106.6%	104.7%
	SSWOOD	75.6%	107.3%	123.5%	111.9%	72.1%	77.4%	93.4%	113.4%	123.6%	125.3%	108.6%	108.2%	107.4%	106.0%	104.3%
	SSCOARSE	60.8%	104.8%	137.4%	111.5%	1.1%	63.1%	73.5%	121.8%	137.5%	143.3%	110.3%	109.8%	108.7%	107.0%	104.9%
	SSFINENC	35.5%	49.2%	71.3%	103.9%	47.7%	35.0%	36.2%	50.3%	71.4%	94.2%	81.4%	85.7%	89.6%	92.8%	95.7%
	SFLOWVEL	18.8%	74.8%	122.4%	117.1%	0.0%	25.0%	41.2%	78.7%	122.4%	120.8%	96.7%	99.1%	100.6%	101.1%	101.2%
	SFMODEVEL	5.1%	40.1%	74.5%	114.1%	0.0%	8.1%	21.7%	37.8%	74.7%	94.1%	78.8%	84.2%	88.8%	92.7%	95.8%
	SFHIVEL	46.1%	59.6%	68.5%	109.6%	2.8%	48.3%	53.9%	61.2%	68.5%	77.5%	81.5%	85.4%	88.8%	92.7%	95.5%
Deep	DSCOV	0.0%	0.2%	11.4%	77.4%	0.0%	0.0%	0.0%	0.0%	11.7%	30.3%	46.3%	52.7%	61.6%	70.8%	80.6%
	DSCOV2	32.2%	49.1%	60.2%	87.2%	20.2%	33.9%	42.3%	50.1%	60.3%	70.5%	72.4%	77.1%	81.7%	86.3%	91.0%
	DSNC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	DDFINE	4.0%	21.0%	33.3%	75.4%	0.0%	5.9%	14.5%	20.9%	33.4%	49.2%	53.8%	61.0%	68.4%	76.0%	83.8%
	DFGRCOB	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	20.0%	40.0%
	DFCOARSE	9.9%	27.9%	41.3%	80.7%	4.3%	10.9%	19.3%	29.4%	41.4%	54.1%	59.7%	66.3%	72.9%	79.7%	86.5%
Other	AMSS2	29.4%	56.9%	71.7%	96.0%	14.4%	31.9%	46.5%	59.8%	71.8%	81.2%	80.7%	84.5%	88.1%	91.5%	94.6%
	ROBRHS															
	GORHA	39.5%	59.4%	70.5%	90.2%	27.4%	41.1%	51.6%	61.6%	70.5%	78.6%	78.8%	82.5%	86.1%	89.6%	93.2%
	GORHJ	21.3%	48.7%	65.5%	88.8%	10.8%	23.3%	37.1%	51.4%	65.5%	77.7%	74.4%	78.9%	83.2%	87.6%	91.7%
	AMSS4															
	EPHEM	57.7%	92.0%	105.8%	108.0%	42.6%	61.7%	80.9%	96.1%	105.8%	108.5%	99.7%	100.5%	100.9%	101.0%	100.9%
	PLECO	28.9%	51.6%	68.2%	97.5%	21.2%	30.7%	40.9%	53.7%	68.2%	79.7%	77.9%	82.3%	86.5%	90.3%	93.9%
	TRIC1	52.6%	84.7%	97.3%	102.8%	36.9%	56.6%	75.1%	88.0%	97.3%	101.0%	95.4%	96.8%	97.8%	98.6%	99.2%
	MACLR	50.2%	93.8%	110.8%	113.0%	37.6%	53.5%	79.7%	100.2%	110.9%	115.3%	102.0%	102.6%	102.8%	102.6%	102.0%
AVERAGE		33.9%	64.5%	81.3%	91.2%	21.4%	36.3%	51.0%	69.6%	81.3%	85.8%	79.3%	81.7%	83.8%	86.7%	89.4%
MEDIAN		32.2%	56.9%	71.3%	102.8%	14.4%	33.9%	42.3%	59.8%	71.4%	81.2%	80.7%	84.5%	88.8%	92.7%	95.5%
MINIMUM		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MAXIMUM		78.4%	223.5%	247.5%	117.7%	75.1%	80.3%	167.4%	271.1%	247.0%	172.9%	157.0%	148.0%	138.3%	128.5%	118.3%

FIRST BROAD, UPPER

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	1	1			1	1									
	SSVEG	1	1			1	1									
	SSWOOD	1	1			1	1									
	SSCOARSE	1	1			1	1	1								
	SSFINENC	1	1			1	1	1	1			1	1			
	SFLOWVEL	1	1			1	1	1	1			1				
	SFMODEVEL	1	1			1	1	1	1			1	1	1		
	SFHIVEL	0.01	0.01			0.01	0.01	0.01	0.01			0.01				
Deep	DSCOV	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
	DSCOV2	1	1			1	1	1	1			1	1			
	DSNC															
	DFFINE	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	
	DFGRCOB															
	DFCOARSE	1	1	1	1	1	1	1	1	1		1	1	1	1	
Other	AMSS2	1	1			1	1	1	1			1				
	ROBRHS															
	GORHA	0.01	0.01			0.01	0.01	0.01	0.01							
	GORHJ	0.01	0.01			0.01	0.01	0.01	0.01			0.01	0.01			
	AMSS4															
	EPHEM	1	1			1	1									
	PLECO	1	1			1	1	1	1			1	1			
	TRIC1	1	1			1	1	1	1							
	MACLR	1	1			1	1	1								
Total out of 19		12.05	12.05	1.02	1.02	12.05	12.05	8.05	6.05	1.02	0.02	6.04	5.03	2.02	1.02	0.01
total > 1000 WUA		12	12	1	1	12	12	8	6	1	0	6	5	2	1	0
total < 1000 WUA		5	5	2	2	5	5	5	5	2	2	4	3	2	2	1
Total out of 19		17	17	3	3	17	17	13	11	3	2	10	8	4	3	1
% for just this season		89.5%	89.5%	15.8%	15.8%	89.5%	89.5%	68.4%	57.9%	15.8%	10.5%	52.6%	42.1%	21.1%	15.8%	5.3%
% weighted equally for each season		22.4%	22.4%	3.9%	3.9%	22.4%	22.4%	17.1%	14.5%	3.9%	2.6%	13.2%	10.5%	5.3%	3.9%	1.3%
% > 1000 WUA		15.8%	15.8%	1.3%	1.3%	15.8%	15.8%	10.5%	7.9%	1.3%	0.0%	7.9%	6.6%	2.6%	1.3%	0.0%
% < 1000 WUA		6.6%	6.6%	2.6%	2.6%	6.6%	6.6%	6.6%	6.6%	2.6%	2.6%	5.3%	3.9%	2.6%	2.6%	1.3%

unregulated Index B
2075
12960
13323
1035
3690
1187
1167
139
249
1932
0.1
467
0.1
5010
36864
995
674
16673
2884
12376
36236

FIRST BROAD, UPPER

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

 Season **SUMMER**

July - September

Highlighted cells are those >120% or < 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	41.3%	55.9%	153.0%	133.3%	21.4%	47.8%	104.6%	164.9%	152.8%	121.2%	107.8%	109.6%	109.6%	108.4%	106.3%
	SSVEG	71.3%	75.5%	110.5%	110.7%	68.2%	72.9%	87.4%	103.8%	110.6%	110.5%	94.8%	96.5%	97.9%	98.9%	99.6%
	SSWOOD	69.7%	73.9%	109.8%	110.3%	66.5%	71.4%	85.9%	102.6%	109.8%	110.6%	94.0%	95.9%	97.4%	98.5%	99.3%
	SSCOARSE	55.6%	59.5%	118.0%	120.4%	1.0%	57.7%	67.0%	107.2%	118.0%	120.4%	90.2%	93.7%	96.6%	98.6%	99.9%
	SSFINENC	45.0%	43.3%	82.1%	93.4%	60.6%	44.4%	45.9%	62.0%	82.2%	100.6%	71.6%	76.6%	81.5%	86.6%	91.4%
	SFLOWVEL	19.7%	33.9%	112.6%	111.8%	0.0%	26.3%	43.3%	77.6%	112.6%	110.4%	75.1%	80.2%	85.3%	89.9%	94.0%
	SFMODEVEL	6.8%	16.5%	84.8%	96.0%	0.0%	10.8%	28.8%	47.6%	84.9%	101.5%	59.1%	66.7%	73.9%	81.0%	87.7%
	SFHIVEL	59.0%	64.7%	84.2%	89.2%	3.6%	61.9%	69.1%	77.0%	84.2%	91.4%	79.1%	82.0%	85.6%	89.2%	92.8%
Deep	DSCOV	0.0%	0.0%	19.3%	41.8%	0.0%	0.0%	0.0%	0.0%	20.1%	50.2%	21.7%	30.9%	46.6%	53.8%	65.9%
	DSCOV2	46.5%	52.1%	81.9%	87.9%	29.1%	48.8%	60.9%	70.9%	82.0%	91.4%	75.1%	79.2%	83.2%	87.3%	91.4%
	DSNC	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	DDFINE	8.1%	16.9%	59.5%	72.8%	0.0%	12.0%	29.3%	40.9%	59.7%	79.9%	52.2%	59.5%	67.0%	74.7%	82.7%
	DFGRCOB	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	DFCOARSE	17.8%	22.7%	67.3%	76.7%	7.8%	19.8%	34.7%	51.1%	67.3%	81.8%	57.7%	64.3%	71.0%	77.9%	85.0%
Other	AMSS2	37.7%	43.3%	86.4%	91.4%	18.3%	40.0%	59.3%	74.8%	86.5%	94.1%	76.0%	80.5%	84.7%	88.7%	92.6%
	ROBRHS															
	GORHA	51.8%	57.0%	87.9%	92.3%	35.9%	53.9%	67.4%	79.3%	88.0%	94.8%	80.3%	83.7%	87.0%	90.4%	93.5%
	GORHJ	29.8%	36.8%	84.7%	91.4%	15.1%	32.6%	51.8%	69.9%	84.7%	95.5%	72.1%	77.3%	82.0%	86.8%	91.2%
	AMSS4															
	EPHEM	58.4%	67.8%	103.1%	104.2%	43.1%	62.4%	81.8%	95.6%	103.1%	104.9%	90.4%	92.7%	94.7%	96.5%	97.9%
	PLECO	38.6%	44.6%	84.5%	90.9%	28.4%	41.1%	54.6%	69.9%	84.6%	94.3%	73.2%	77.8%	82.5%	86.8%	91.4%
	TRIC1	55.8%	65.9%	99.4%	100.9%	39.2%	60.1%	79.6%	91.9%	99.4%	101.9%	89.0%	91.5%	93.7%	95.6%	97.3%
	MACLR	49.7%	58.2%	105.1%	106.9%	37.2%	52.9%	78.7%	97.1%	105.1%	107.9%	88.5%	91.3%	93.9%	95.9%	97.6%
	AVERAGE	45.8%	51.9%	92.1%	96.3%	32.2%	48.5%	63.3%	80.2%	92.2%	98.2%	78.5%	82.4%	86.4%	89.8%	93.2%
MEDIAN		46.5%	55.9%	87.9%	96.0%	28.4%	48.8%	67.0%	77.6%	88.0%	100.0%	79.1%	82.0%	85.6%	89.9%	93.5%
MINIMUM		0.0%	0.0%	19.3%	41.8%	0.0%	0.0%	0.0%	0.0%	20.1%	50.2%	21.7%	30.9%	46.6%	53.8%	65.9%
MAXIMUM		100.0%	100.0%	153.0%	133.3%	100.0%	100.0%	104.6%	164.9%	152.8%	121.2%	107.8%	109.6%	109.6%	108.4%	106.3%

FIRST BROAD, UPPER

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	1	1			1	1									
	SSVEG	1				1	1									
	SSWOOD	1	1			1	1									
	SSCOARSE	1	1			1	1	1								
	SSFINENC	1	1			1	1	1	1			1	1	1		
	SFLOWVEL	1	1			1	1	1	1			1	1			
	SFMODEVEL	1	1			1	1	1	1			1	1	1	1	
	SFHIVEL	0.01	0.01			0.01	0.01	0.01	0.01			0.01				
Deep	DSCOV	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
	DSCOV2	1	1			1	1	1	1			1	1			
	DSNC															
	DFFINE	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	
	DFGRCOB															
	DFCOARSE	1	1	1	1	1	1	1	1	1		1	1	1	1	
Other	AMSS2	1	1			1	1	1	1			1				
	ROBRHS															
	GORHA	0.01	0.01			0.01	0.01	0.01								
	GORHJ	0.01	0.01			0.01	0.01	0.01	0.01			0.01	0.01			
	AMSS4															
	EPHEM	1	1			1	1									
	PLECO	1	1			1	1	1	1			1	1			
	TRIC1	1	1			1	1									
	MACLR	1	1			1	1	1								
	Total out of 19		12.05	11.05	1.02	1.02	12.05	12.05	7.05	6.04	1.02	0.01	6.04	6.03	3.02	2.02
total > 1000 WUA		12	11	1	1	12	12	7	6	1	0	6	6	3	2	0
total < 1000 WUA		5	5	2	2	5	5	5	4	2	1	4	3	2	2	1
Total out of 19		17	16	3	3	17	17	12	10	3	1	10	9	5	4	1
% for just this season		89.5%	84.2%	15.8%	15.8%	89.5%	89.5%	63.2%	52.6%	15.8%	5.3%	52.6%	47.4%	26.3%	21.1%	5.3%
% weighted equally for each season		22.4%	21.1%	3.9%	3.9%	22.4%	22.4%	15.8%	13.2%	3.9%	1.3%	13.2%	11.8%	6.6%	5.3%	1.3%
% > 1000 WUA		15.8%	14.5%	1.3%	1.3%	15.8%	15.8%	9.2%	7.9%	1.3%	0.0%	7.9%	7.9%	3.9%	2.6%	0.0%
% < 1000 WUA		6.6%	6.6%	2.6%	2.6%	6.6%	6.6%	6.6%	5.3%	2.6%	1.3%	5.3%	3.9%	2.6%	2.6%	1.3%

unregulated Index B
2301
13172
13528
1061
3518
1194
1106
134
195
1853
0.1
424
0.1
4645
35766
968
650
16725
2771
12320
36459

FIRST BROAD, UPPER

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

 Season **FALL**

October & November

Highlighted cells are those >120% or < 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	37.2%	71.8%	139.8%	134.8%	19.3%	43.1%	94.5%	149.6%	139.7%	114.7%	98.2%	102.4%	104.3%	104.9%	104.1%
	SSVEG	70.1%	80.7%	108.8%	108.9%	67.1%	71.8%	86.0%	102.3%	108.8%	108.7%	92.2%	94.4%	96.2%	97.6%	98.7%
	SSWOOD	68.7%	79.3%	108.2%	108.4%	65.5%	70.3%	84.7%	101.3%	108.2%	108.9%	91.4%	93.7%	95.6%	97.2%	98.5%
	SSCOARSE	54.2%	60.3%	115.2%	116.0%	0.9%	56.3%	65.3%	105.1%	115.2%	117.1%	85.5%	89.8%	93.3%	95.2%	96.6%
	SSFINENC	47.2%	45.8%	85.2%	88.4%	63.5%	46.5%	48.2%	65.0%	85.2%	102.1%	70.0%	74.9%	79.7%	85.1%	90.1%
	SFLOWVEL	19.6%	40.6%	111.3%	111.7%	0.0%	26.1%	43.0%	77.5%	111.3%	109.0%	69.8%	75.1%	80.4%	86.0%	91.5%
	SFMODEVEL	7.1%	26.1%	88.4%	91.6%	0.0%	11.4%	30.4%	50.5%	88.5%	103.9%	56.1%	63.3%	70.6%	78.0%	85.6%
	SFHIVEL	61.2%	70.1%	87.3%	88.1%	3.7%	64.2%	71.6%	79.9%	87.3%	94.0%	79.9%	82.8%	85.8%	88.8%	92.5%
Deep	DSCOV	0.0%	0.0%	22.6%	33.8%	0.0%	0.0%	0.0%	0.0%	23.1%	57.9%	20.5%	29.2%	40.5%	57.9%	67.7%
	DSCOV2	48.5%	60.0%	85.2%	86.8%	30.3%	50.9%	63.5%	74.1%	85.2%	93.8%	75.7%	79.5%	83.4%	87.4%	91.6%
	DSNC	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	DDFINE	9.0%	27.1%	64.9%	68.6%	0.0%	13.2%	32.3%	45.3%	64.9%	84.4%	52.8%	59.7%	67.2%	74.8%	82.8%
	DFGRCOB	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	DFCOARSE	19.2%	32.0%	72.1%	74.7%	8.4%	21.3%	37.4%	55.3%	72.2%	85.9%	57.7%	64.1%	70.9%	77.8%	85.1%
Other	AMSS2	38.9%	55.7%	88.9%	90.2%	19.1%	42.2%	61.4%	77.3%	88.9%	95.8%	75.6%	80.0%	84.3%	88.4%	92.4%
	ROBRHS															
	GORHA	53.2%	65.0%	90.3%	91.4%	36.9%	55.4%	69.4%	81.6%	90.3%	96.4%	80.5%	83.8%	87.1%	90.3%	93.6%
	GORHJ	30.9%	47.5%	87.5%	89.4%	15.7%	33.8%	53.8%	72.6%	87.5%	97.4%	71.5%	76.5%	81.5%	86.3%	90.9%
	AMSS4															
	EPHEM	58.2%	76.4%	102.8%	103.1%	43.0%	62.2%	81.6%	95.5%	102.8%	104.3%	88.7%	91.1%	93.6%	95.6%	97.3%
	PLECO	40.2%	52.8%	87.7%	89.4%	29.5%	42.8%	56.9%	72.9%	87.7%	96.6%	72.9%	77.5%	82.1%	86.6%	91.2%
	TRIC1	56.0%	75.1%	99.8%	100.3%	39.3%	60.3%	80.0%	92.5%	99.8%	102.0%	88.0%	90.6%	93.0%	95.0%	96.9%
	MACLR	49.4%	69.9%	104.5%	105.0%	37.0%	52.6%	78.3%	96.7%	104.5%	107.0%	86.0%	89.6%	92.5%	94.8%	97.0%
	AVERAGE	46.1%	58.9%	92.9%	94.3%	32.3%	48.8%	63.7%	80.7%	92.9%	99.1%	76.8%	80.9%	84.9%	88.9%	92.6%
MEDIAN		48.5%	60.3%	90.3%	91.6%	29.5%	50.9%	65.3%	79.9%	90.3%	100.0%	79.9%	82.8%	85.8%	88.8%	92.5%
MINIMUM		0.0%	0.0%	22.6%	33.8%	0.0%	0.0%	0.0%	0.0%	23.1%	57.9%	20.5%	29.2%	40.5%	57.9%	67.7%
MAXIMUM		100.0%	100.0%	139.8%	134.8%	100.0%	100.0%	100.0%	149.6%	139.7%	117.1%	100.0%	102.4%	104.3%	104.9%	104.1%

FIRST BROAD, UPPER

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	1				1										
	SSVEG					1										
	SSWOOD	1				1	1									
	SSCOARSE	0.01				0.01	0.01	0.01								
	SSFINENC	1	1	1		1	1	1	1	1						
	SFLOWVEL	1				1	1	1	1							
	SFMODEVEL	1	1	1		1	1	1	1	1						
	SFHIVEL	0.01	0.01	0.01		0.01	0.01	0.01	0.01	0.01	0.01					
Deep	DSCOV	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	
	DSCOV2	1	1	1		1	1	1	1	1	1	1	1			
	DSNC	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
	DDFINE	1	1	1	1	1	1	1	1	1	1	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
	DFOARSE	1	1	1		1	1	1	1	1	1	1	1	1		
Other	AMSS2	1	1	1		1	1	1	1	1						
	ROBRHS															
	GORHA	1	1	1		1	1	1	1	1	1	1				
	GORHJ	0.01	0.01	0.01		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01			
	AMSS4															
	EPHEM	1				1	1									
	PLECO	1	1	1		1	1	1	1	1	1	1				
	TRIC1	1				1	1	1								
	MACLR	1				1	1									
Total out of 19		12.06	7.05	7.05	1.02	13.06	11.06	9.06	8.05	7.05	5.05	5.04	3.04	2.03	1.03	0.02
total > 1000 WUA		12	7	7	1	13	11	9	8	7	5	5	3	2	1	0
total < 1000 WUA		6	5	5	2	6	6	6	5	5	5	4	4	3	3	2
Total out of 19		18	12	12	3	19	17	15	13	12	10	9	7	5	4	2
% for just this season		94.7%	63.2%	63.2%	15.8%	100.0%	89.5%	78.9%	68.4%	63.2%	52.6%	47.4%	36.8%	26.3%	21.1%	10.5%
% weighted equally for each season		23.7%	15.8%	15.8%	3.9%	25.0%	22.4%	19.7%	17.1%	15.8%	13.2%	11.8%	9.2%	6.6%	5.3%	2.6%
% > 1000 WUA		15.8%	9.2%	9.2%	1.3%	17.1%	14.5%	11.8%	10.5%	9.2%	6.6%	6.6%	3.9%	2.6%	1.3%	0.0%
% < 1000 WUA		7.9%	6.6%	6.6%	2.6%	7.9%	7.9%	7.9%	6.6%	6.6%	6.6%	5.3%	5.3%	3.9%	3.9%	2.6%

unregulated Index B
1224
11538
12045
938
4727
1245
1563
179
674
2913
7
1035
10
9691
48238
1349
986
16793
3918
13140
35567

FIRST BROAD, UPPER

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

 Season **WINTER**

December - March

Highlighted cells are those >120% or < 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	70.0%	265.4%	263.6%	114.4%	36.4%	81.0%	178.3%	288.8%	263.2%	183.1%	162.6%	152.7%	141.9%	131.0%	120.1%
	SSVEG	80.1%	116.5%	128.7%	111.4%	76.6%	81.9%	98.3%	118.7%	128.7%	129.5%	111.6%	110.6%	109.2%	107.3%	105.0%
	SSWOOD	77.1%	113.5%	126.1%	111.5%	73.5%	78.9%	95.2%	115.6%	126.1%	127.9%	110.3%	109.5%	108.3%	106.7%	104.7%
	SSCOARSE	61.3%	115.5%	138.9%	106.0%	1.1%	63.6%	74.1%	122.8%	139.0%	145.1%	110.9%	110.4%	109.1%	106.9%	104.8%
	SSFINENC	35.1%	50.7%	71.0%	105.2%	47.3%	34.6%	35.9%	49.8%	71.1%	94.6%	83.0%	87.2%	90.7%	93.8%	96.3%
	SFLOWVEL	18.8%	80.5%	123.3%	115.7%	0.0%	25.1%	41.3%	78.9%	123.3%	121.6%	97.5%	99.4%	100.6%	101.1%	101.1%
	SFMODEVEL	5.1%	41.7%	74.8%	116.9%	0.0%	8.1%	21.6%	37.6%	74.9%	95.0%	80.4%	85.5%	89.7%	93.2%	96.1%
	SFHIVEL	45.8%	60.3%	68.2%	113.4%	2.8%	48.0%	53.6%	60.9%	68.2%	77.7%	82.1%	86.0%	89.4%	92.7%	95.5%
Deep	DSCOV	0.0%	0.0%	10.5%	83.7%	0.0%	0.0%	0.0%	0.0%	10.8%	28.2%	46.3%	54.6%	63.2%	72.3%	81.5%
	DSCOV2	30.8%	48.2%	57.8%	87.6%	19.3%	32.4%	40.4%	47.9%	57.8%	68.0%	73.4%	78.0%	82.5%	87.0%	91.5%
	DSNC	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	28.6%
	DDFINE	3.7%	19.9%	30.6%	74.8%	0.0%	5.4%	13.2%	19.1%	30.7%	45.7%	55.6%	62.7%	69.8%	77.2%	84.7%
	DFGRCOB	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	10.0%	10.0%	30.0%	40.0%
	DFCOARSE	9.2%	27.6%	38.8%	81.5%	4.0%	10.2%	18.0%	27.4%	38.8%	51.1%	61.4%	67.9%	74.3%	80.8%	87.3%
Other	AMSS2	28.8%	58.1%	70.5%	97.3%	14.1%	31.3%	45.6%	58.6%	70.6%	80.1%	82.0%	85.6%	89.0%	92.1%	95.0%
	ROBRHS															
	GORHA	38.2%	59.1%	68.2%	90.5%	26.5%	39.7%	49.8%	59.5%	68.2%	76.4%	79.5%	83.1%	86.5%	90.0%	93.4%
	GORHJ	20.4%	49.0%	62.9%	88.2%	10.3%	22.3%	35.5%	49.2%	63.0%	75.1%	75.2%	79.6%	83.8%	88.0%	92.1%
	AMSS4															
	EPHEM	58.0%	95.4%	106.4%	108.0%	42.8%	62.0%	81.3%	96.5%	106.5%	109.2%	100.3%	100.9%	101.3%	101.3%	101.1%
	PLECO	28.4%	52.9%	67.4%	100.2%	20.9%	30.3%	40.3%	52.8%	67.4%	79.1%	79.4%	83.6%	87.4%	91.0%	94.3%
	TRIC1	52.5%	87.1%	97.3%	103.4%	36.9%	56.6%	75.1%	87.9%	97.4%	101.2%	95.9%	97.1%	98.0%	98.8%	99.3%
	MACLR	50.6%	98.9%	111.9%	111.9%	37.9%	53.9%	80.3%	101.0%	112.0%	116.6%	102.8%	103.3%	103.4%	103.0%	102.2%
AVERAGE		34.0%	68.6%	81.8%	91.5%	21.4%	36.4%	51.3%	70.1%	81.8%	86.0%	80.5%	83.2%	85.1%	87.8%	91.2%
MEDIAN		30.8%	58.1%	70.5%	103.4%	14.1%	32.4%	41.3%	58.6%	70.6%	80.1%	82.0%	85.6%	89.4%	92.7%	95.5%
MINIMUM		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	28.6%
MAXIMUM		80.1%	265.4%	263.6%	116.9%	76.6%	81.9%	178.3%	288.8%	263.2%	183.1%	162.6%	152.7%	141.9%	131.0%	120.1%