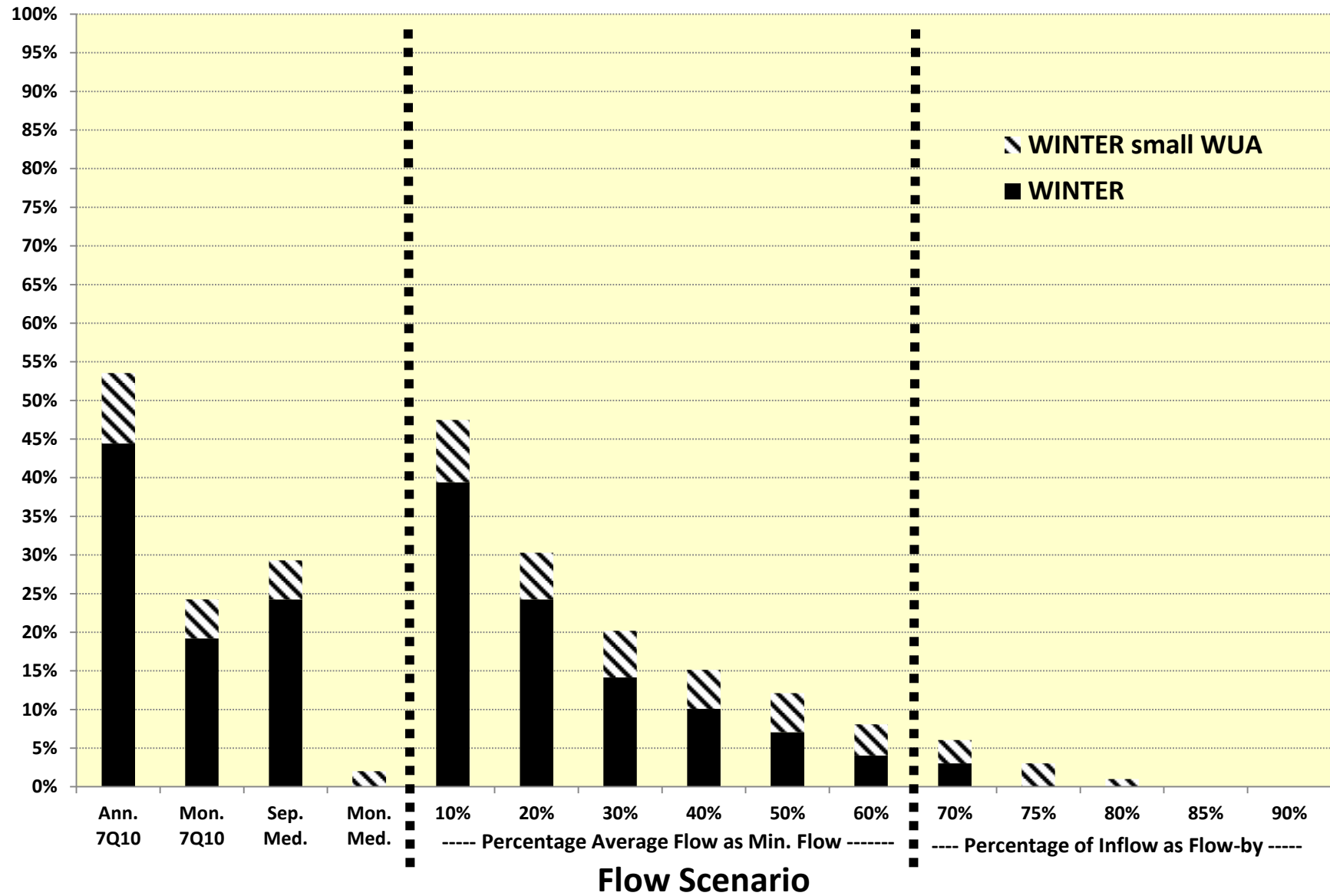


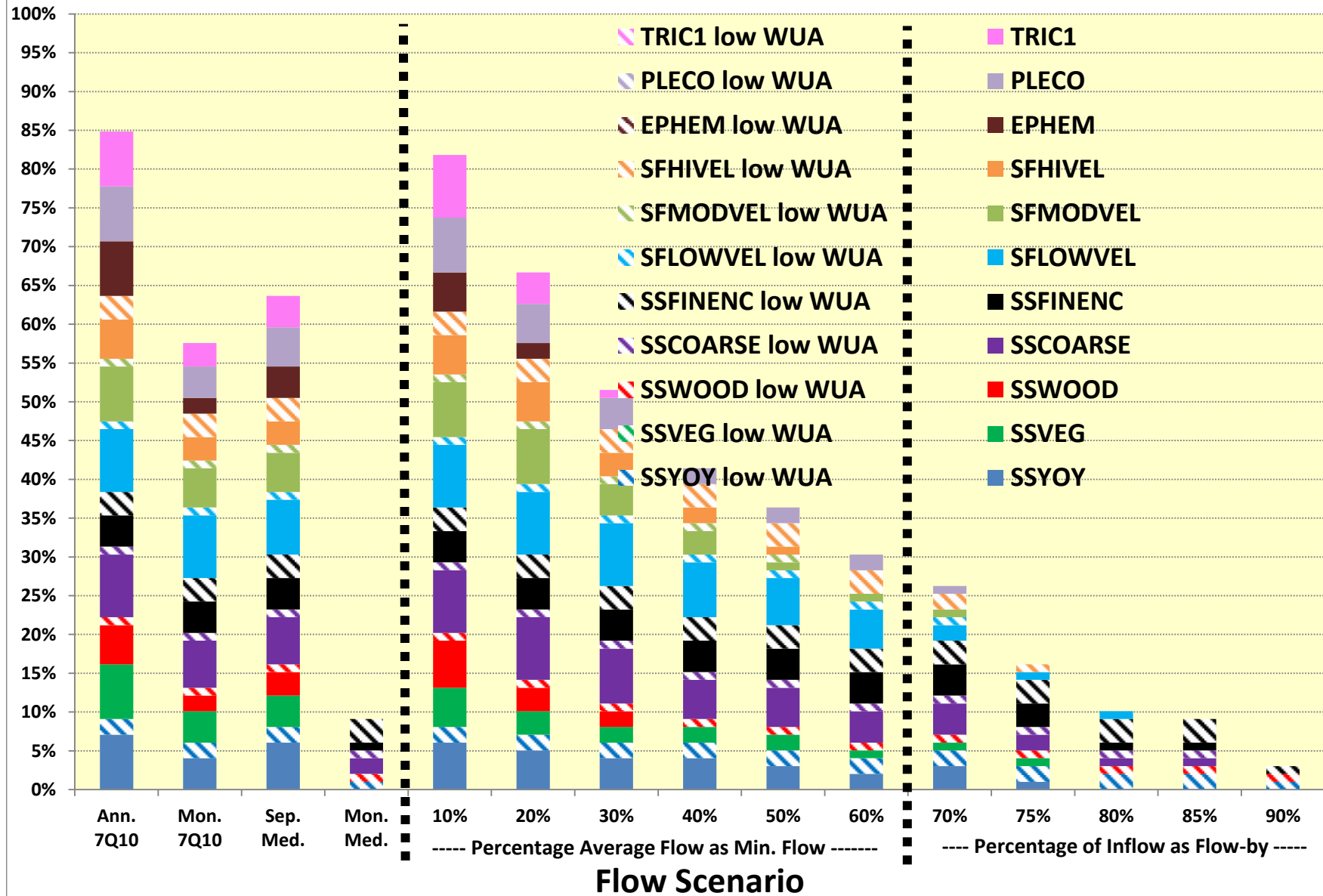
WINTER

ALL SITES COMBINED - % of 11 Shallow & Benthic Guilds/Species
with Less Than 80% of Unregulated Index B Value, at all 9 sites combined



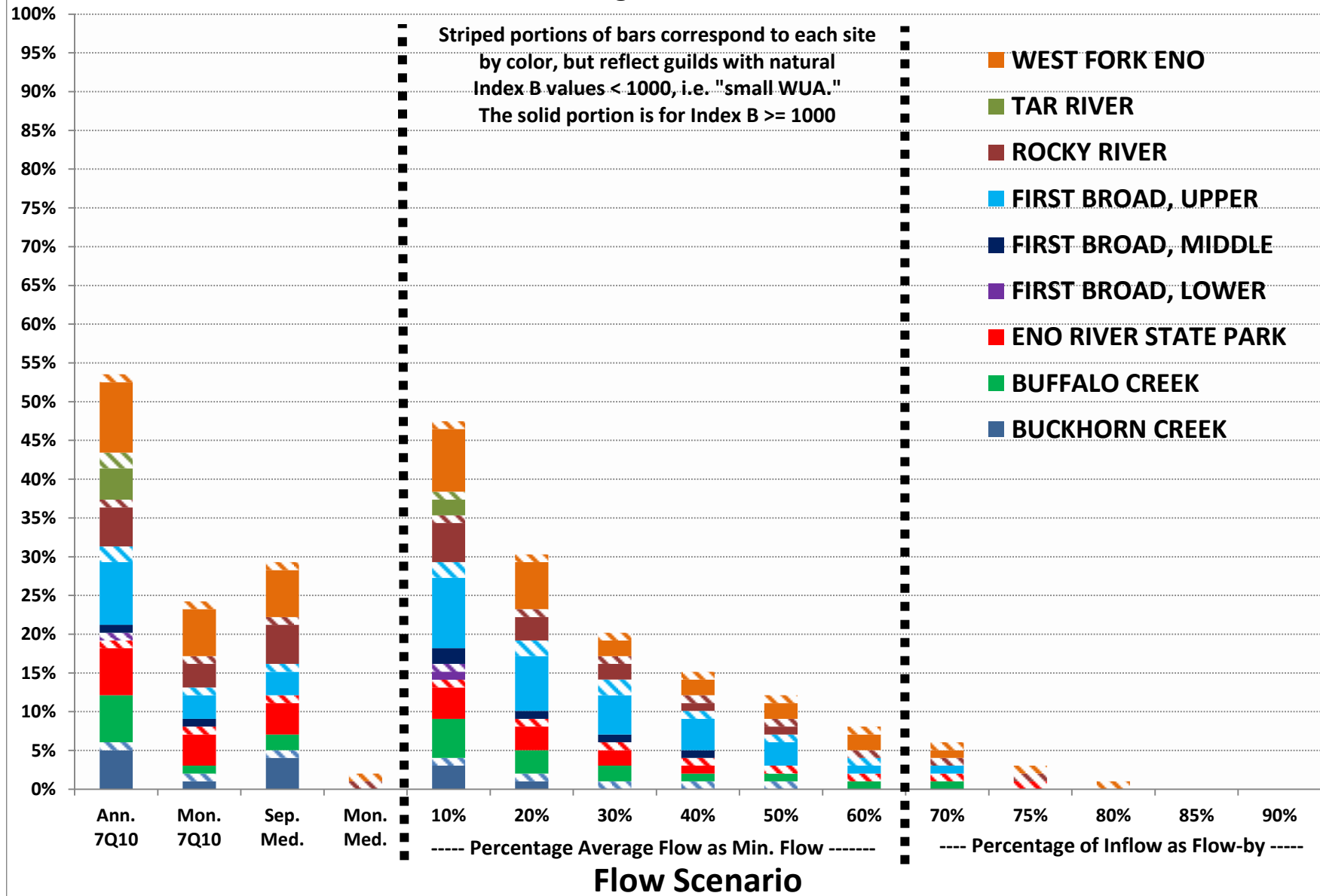
WINTER

**ALL SITES COMBINED - % of 11 Shallow & Benthic Guilds/Species
with Less Than 80% of Unregulated Index B Value, at all 9 sites combined**



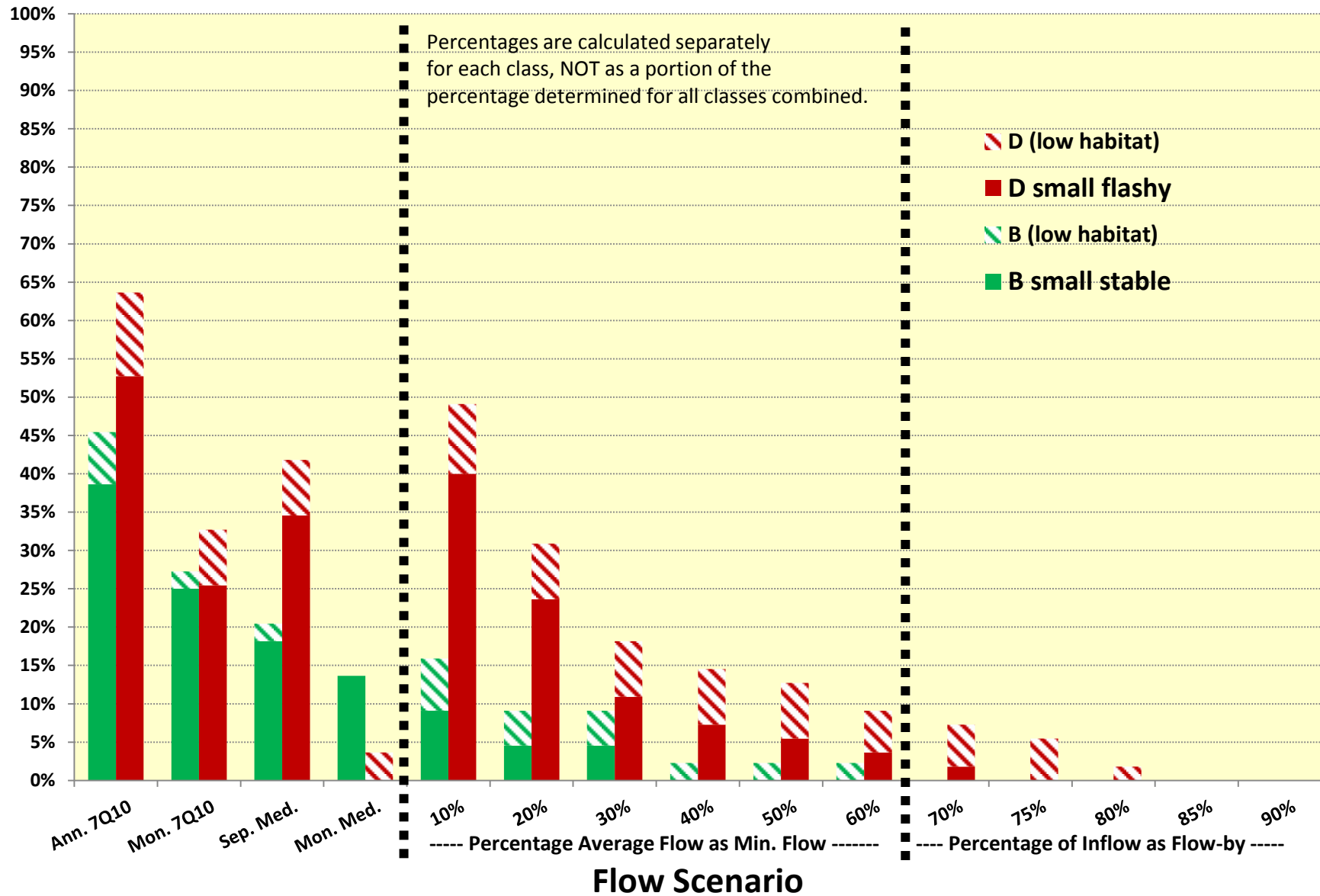
WINTER

**ALL SITES COMBINED - % of 11 Shallow & Benthic Guilds
with Less Than 80% of Unregulated Index B Value, at all 9 sites combined**



WINTER

**ALL SITES COMBINED - % of 11 Shallow & Benthic Guilds/Species
with Less Than 80% of Unregulated Index B Value, at 9 sites sorted by class**



4 CLASS B SITES ONLY

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
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Dec - March

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	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	SSVEG	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	SSWOOD	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0
	SSCOARSE	0.01	0	0	0	0.01	0.01	0.01	0	0	0	0	0	0	0	0
	SSFINENC	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0
	SFLOWVEL	2	0	0	0	1	1	1	1	0	0	0	0	0	0	0
	SFMODEVEL	2	1	2	0	3	2	2	1	1	0	0	0	0	0	0
	SFHIVEL	2.02	2.01	1.01	0	2.02	2.01	2.01	2.01	1.01	1.01	1	0	0	0	0
Deep	DSCOV	3.01	2.01	2.01	0	2.01	2.01	2.01	2.01	2.01	1.01	2.01	0.01	0.01	0.01	0
	DSCOV2	2	1	1	0	2	1	1	1	1	1	1	1	0	0	0
	DSNC	1.01	0.01	0.01	0.01	3.01	1.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
	DFFINE	4	2	2	1	4	4	4	2	2	2	2	1	1	1	0
	DFGRCOB	1.02	1.02	1.02	0.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	0.02	0.02	0.01
	DFCOARSE	4	4	3	0	4	4	4	3	3	2	2	1	1	0	0
Other	AMSS2	4	2	2	0	4	4	2	2	2	1	0	0	0	0	0
	ROBRHS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	GORHA	3.01	2.01	1.01	0	3.01	3.01	2.01	2.01	1.01	1	1	0	0	0	0
	GORHJ	2.02	1.02	0.02	0	2.02	2.02	1.02	1.02	0.02	0.02	0.02	0.01	0	0	0
	AMSS4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	EPHEM	2	0	0	0	2	1	0	0	0	0	0	0	0	0	0
	PLECO	2	1	1	0	2	2	1	1	1	1	1	0	0	0	0
	TRIC1	2	0	0	0	3	1	1	0	0	0	0	0	0	0	0
	MACLR	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0
Total out of 11* 4		15.03	5.01	5.01	0	17.03	11.02	8.02	6.01	4.01	2.01	2	0	0	0	0
total > 1000 WUA		15	5	5	0	17	11	8	6	4	2	2	0	0	0	0
total < 1000 WUA		3	1	1	0	3	2	2	1	1	1	0	0	0	0	0
Total out of 11* 4		18	6	6	0	20	13	10	7	5	3	2	0	0	0	0
% for just this season		40.9%	13.6%	13.6%	0.0%	45.5%	29.5%	22.7%	15.9%	11.4%	6.8%	4.5%	0.0%	0.0%	0.0%	0.0%
% > 1000 WUA		34.1%	11.4%	11.4%	0.0%	38.6%	25.0%	18.2%	13.6%	9.1%	4.5%	4.5%	0.0%	0.0%	0.0%	0.0%
% < 1000 WUA		6.8%	2.3%	2.3%	0.0%	6.8%	4.5%	4.5%	2.3%	2.3%	2.3%	0.0%	0.0%	0.0%	0.0%	0.0%

Total out of 11*

4

means total out of a maximum of

44

(11 shallow guilds/benthos x

4

sites of this type)

5 CLASS D SITES ONLY

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
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Dec - March

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	SSVEG	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	SSWOOD	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	SSCOARSE	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	SSFINENC	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0
	SFLOWVEL	5	1	2	0	2	1	0	0	0	0	0	0	0	0	0
	SFMODEVEL	4.01	4	4	0	4	4	3	3	2	1	1	0	0	0	0
	SFHIVEL	0.05	0.04	0.04	0.02	0.05	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.01	0	0
Deep	DSCOV	4.01	2.01	4.01	0.01	4.01	3.01	2.01	2.01	1.01	1.01	1.01	1.01	0.01	0.01	0.01
	DSCOV2	5	3	3	0	3	2	1	1	1	0	0	0	0	0	0
	DSNC	4	2	3	0	3	2	2	0	0	0	0	0	0	0	0
	DFFINE	4.01	4.01	4.01	1.01	4.01	4.01	3.01	3.01	3.01	2.01	2.01	1.01	0.01	0.01	0
	DFGRCOB	3.01	3.01	3.01	1.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	2.01	1.01	1.01	0
	DFCOARSE	4.01	4.01	4.01	0	4.01	4.01	4.01	4.01	3.01	3.01	0.01	0	0	0	0
Other	AMSS2	5	5	5	2	5	5	5	4	4	3	3	3	2	0	0
	ROBRHS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	GORHA	4	3	4	0	4	4	2	1	0	0	0	0	0	0	0
	GORHJ	3.01	2.01	3.01	0	3.01	3.01	2.01	1.01	1.01	0.01	0	0	0	0	0
	AMSS4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	EPHEM	5	2	4	0	3	1	0	0	0	0	0	0	0	0	0
	PLECO	5	3	4	0	5	3	3	1	1	1	0	0	0	0	0
	TRIC1	5	3	4	0	5	3	0	0	0	0	0	0	0	0	0
	MACLR	4	1	1	0	1	1	1	0	0	0	0	0	0	0	0
Total out of 11* 5		29.06	14.04	19.04	0.02	22.05	13.04	6.04	4.04	3.04	2.03	1.03	0.03	0.01	0	0
total > 1000 WUA		29	14	19	0	22	13	6	4	3	2	1	0	0	0	0
total < 1000 WUA		6	4	4	2	5	4	4	4	4	3	3	3	1	0	0
Total out of 11* 5		35	18	23	2	27	17	10	8	7	5	4	3	1	0	0
% for just this season		63.6%	32.7%	41.8%	3.6%	49.1%	30.9%	18.2%	14.5%	12.7%	9.1%	7.3%	5.5%	1.8%	0.0%	0.0%
% > 1000 WUA		52.7%	25.5%	34.5%	0.0%	40.0%	23.6%	10.9%	7.3%	5.5%	3.6%	1.8%	0.0%	0.0%	0.0%	0.0%
% < 1000 WUA		10.9%	7.3%	7.3%	3.6%	9.1%	7.3%	7.3%	7.3%	7.3%	5.5%	5.5%	5.5%	1.8%	0.0%	0.0%

Total out of 11* 5 means total out of a maximum of 55 (11 shallow guilds/benthos x 5 sites of this type)

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".

Total out of 11*	9	means total out of a maximum of	99	(11 shallow guilds/benthos x	9	sites)
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SSYOY
SSYOY low WUA
SSVEG
SSVEG low WUA
SSWOOD
SSWOOD low WUA
SSCOARSE
SSCOARSE low WUA
SSFINENC
SSFINENC low WUA
SFLOWVEL
SFLOWVEL low WUA
SFMODVEL
SFMODVEL low WUA
SFHIVEL
SFHIVEL low WUA
EPHEM
EPHEM low WUA
PLECO
PLECO low WUA
TRIC1
TRIC1 low WUA

[illegible]

BUCKHORN CREEK

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

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	1														
	SFMODEVEL	1	1	1		1	1									
	SFHIVEL	0.01	0.01	0.01		0.01	0.01	0.01	0.01	0.01						
Deep	DSCOV	1		1		1										
	DSCOV2	1														
	DSNC	1		1		1										
	DDFINE	1	1	1		1	1	1	1	1						
	DFGRCOB	1	1	1		1	1	1	1	1	1	1				
	DFCOARSE	1	1	1		1	1	1	1	1	1					
Other	AMSHJ	1	1	1		1	1	1	1	1						
	ROBRHS															
	GORHA	1	1	1		1	1									
	GORHJ	1	1	1		1	1	1								
	AMSS4															
	EPHEM	1		1												
	PLECO	1		1		1										
	TRIC1	1		1		1										
	MACLR															
	Total out of 11	5.01	1.01	4.01	0	3.01	1.01	0.01	0.01	0.01	0	0	0	0	0	0
total > 1000 WUA		5	1	4	0	3	1	0	0	0	0	0	0	0	0	0
total < 1000 WUA		1	1	1	0	1	1	1	1	1	0	0	0	0	0	0
Total out of 11		6	2	5	0	4	2	1	1	1	0	0	0	0	0	0
% for just this site		54.5%	18.2%	45.5%	0.0%	36.4%	18.2%	9.1%	9.1%	9.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% weighted equally for each site		6.1%	2.0%	5.1%	0.0%	4.0%	2.0%	1.0%	1.0%	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% > 1000 WUA		5.1%	1.0%	4.0%	0.0%	3.0%	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% < 1000 WUA		1.0%	1.0%	1.0%	0.0%	1.0%	1.0%	1.0%	1.0%	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

BUFFALO CREEK

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
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Dec - March

[illegible]

ENO RIVER STATE PARK

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

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	1														
	SSWOOD															
	SSCOARSE															
	SSFINENC															
	SFLOWVEL	1														
	SFMODEVEL	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	0.01	0.01			
Deep	DSCOV	1	1	1		1	1	1	1	1	1	1	1			
	DSCOV2	1	1	1		1										
	DSNC	1	1	1		1	1	1								
	DDFINE	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	
	DFCOARSE	1	1	1		1	1	1	1	1	1					
Other	AMSS2	1	1	1		1	1	1	1	1	1	1	1			
	ROBRHS															
	GORHA	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					
	AMSS4															
	EPHEM	1	1	1		1										
	PLECO	1	1	1		1	1	1								
	TRIC1	1	1	1		1	1									
	MACLR	1														
Total out of 11		6.01	4.01	4.01	0	4.01	3.01	2.01	1.01	0.01	0.01	0.01	0.01	0	0	0
total > 1000 WUA		6	4	4	0	4	3	2	1	0	0	0	0	0	0	0
total < 1000 WUA		1	1	1	0	1	1	1	1	1	1	1	1	0	0	0
Total out of 11		7	5	5	0	5	4	3	2	1	1	1	1	0	0	0
% for just this site		63.6%	45.5%	45.5%	0.0%	45.5%	36.4%	27.3%	18.2%	9.1%	9.1%	9.1%	9.1%	0.0%	0.0%	0.0%
% weighted equally for each site		7.1%	5.1%	5.1%	0.0%	5.1%	4.0%	3.0%	2.0%	1.0%	1.0%	1.0%	1.0%	0.0%	0.0%	0.0%
% > 1000 WUA		6.1%	4.0%	4.0%	0.0%	4.0%	3.0%	2.0%	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% < 1000 WUA		1.0%	1.0%	1.0%	0.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	0.0%	0.0%	0.0%

FIRST BROAD, LOWER

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
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Dec - March

[illegible]

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
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Dec - March

[illegible]

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

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	
	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		
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 11		8.02	3.01	3.01	0	9.02	7.02	5.02	4.01	3.01	1.01	1	0	0	0	0
total > 1000 WUA		8	3	3	0	9	7	5	4	3	1	1	0	0	0	0
total < 1000 WUA		2	1	1	0	2	2	2	1	1	1	0	0	0	0	0
Total out of 11		10	4	4	0	11	9	7	5	4	2	1	0	0	0	0
% for just this site		90.9%	36.4%	36.4%	0.0%	100.0%	81.8%	63.6%	45.5%	36.4%	18.2%	9.1%	0.0%	0.0%	0.0%	0.0%
% weighted equally for each site		10.1%	4.0%	4.0%	0.0%	11.1%	9.1%	7.1%	5.1%	4.0%	2.0%	1.0%	0.0%	0.0%	0.0%	0.0%
% > 1000 WUA		8.1%	3.0%	3.0%	0.0%	9.1%	7.1%	5.1%	4.0%	3.0%	1.0%	1.0%	0.0%	0.0%	0.0%	0.0%
% < 1000 WUA		2.0%	1.0%	1.0%	0.0%	2.0%	2.0%	2.0%	1.0%	1.0%	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%

ROCKY RIVER

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
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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	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	0.01	0.01	0.01			
Deep	DSCOV	1	1	1		1	1	1	1							
	DSCOV2	1	1	1		1	1									
	DSNC	1	1	1		1	1	1								
	DFFINE	1	1	1	1	1	1	1	1	1	1	1	1			
	DFGRCOB	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	DFCOARSE	1	1	1		1	1	1	1	1	1					
Other	AMSS2	1	1	1	1	1	1	1	1	1	1	1	1	1		
	ROBRHS															
	GORHA	1	1	1		1	1	1	1							
	GORHJ	1	1	1		1	1	1	1	1						
	AMSS4															
	EPHEM	1		1		1										
	PLECO	1	1	1		1	1	1								
	TRIC1	1	1	1		1	1									
	MACLR	1														
Total out of 11		5.01	3.01	5.01	0.01	5.01	3.01	2.01	1.01	1.01	0.01	0.01	0.01	0	0	0
total > 1000 WUA		5	3	5	0	5	3	2	1	1	0	0	0	0	0	0
total < 1000 WUA		1	1	1	1	1	1	1	1	1	1	1	1	0	0	0
Total out of 11		6	4	6	1	6	4	3	2	2	1	1	1	0	0	0
% for just this site		54.5%	36.4%	54.5%	9.1%	54.5%	36.4%	27.3%	18.2%	18.2%	9.1%	9.1%	9.1%	0.0%	0.0%	0.0%
% weighted equally for each site		6.1%	4.0%	6.1%	1.0%	6.1%	4.0%	3.0%	2.0%	2.0%	1.0%	1.0%	1.0%	0.0%	0.0%	0.0%
% > 1000 WUA		5.1%	3.0%	5.1%	0.0%	5.1%	3.0%	2.0%	1.0%	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% < 1000 WUA		1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	0.0%	0.0%	0.0%

unregulated Index B
2427
5809
6489
17398
5697
10243
7081
840
3310
9313
11118
1562
1283
10699
12032
4002
2782
21657
13453
23933
22227

TAR RIVER

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
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Dec - March

[illegible]

WEST FORK ENO

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
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Dec - March

[illegible]