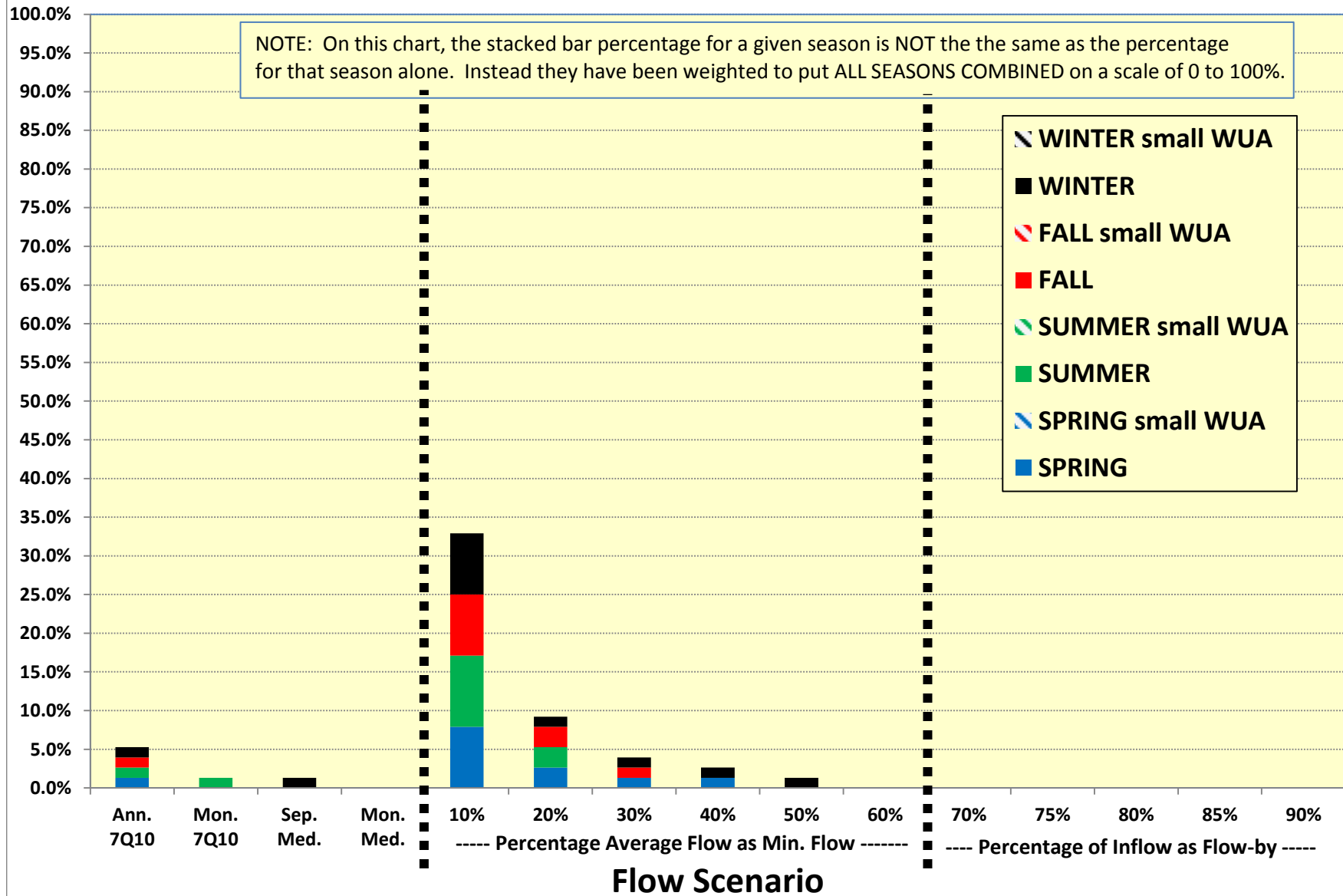


**Tuckasegee "East Fork" R. - Peaking Reach Below Cedar Cliff Pwrhse. - % (weighted equally for each season)  
of Species/Life Stages <80% of Unregulated Index B WUA Value**



TUCKASEGEE 'East Fork' 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 **SPRING**      April - June      Numbers in **Red** indicate low amount of habitat (seasonal unregulated index B < 1,000).

Species/LifeStage		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	EPHEM															
	PLECO															
	NHSJ					1										
	RBTF															
	BNDJ															
	BNDF															
	BNDS															
	BRTJ															
	BRTF															
	LNDX					1										
	CRCA															
	CRCY															
Deep	TRIC															
	MTSX					1										
	NHSA					1	1									
	RBTA															
	RBTS	1				1	1	1	1							
	BRTA															
	BRTS					1										
Total out of 19		1	0	0	0	6	2	1	1	0	0	0	0	0	0	0
total > 1000 WUA		1	0	0	0	6	2	1	1	0	0	0	0	0	0	0
total < 1000 WUA		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total out of 19		1	0	0	0	6	2	1	1	0	0	0	0	0	0	0
% for just this season		5.3%	0.0%	0.0%	0.0%	31.6%	10.5%	5.3%	5.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% weighted equally for each season		1.3%	0.0%	0.0%	0.0%	7.9%	2.6%	1.3%	1.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% > 1000 WUA		1.3%	0.0%	0.0%	0.0%	7.9%	2.6%	1.3%	1.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% < 1000 WUA		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%

unregulated Index B
39572
24087
18178
6348
22077
12710
5029
30417
6056
54132
15541
3710
53465
116619
18085
66687
5798
34207
10746

**TUCKASEGEE 'East Fork' RIVER**      Table shows percentage of unregulated Index B value achieved by flow scenario

Season   **SPRING**

April - June

Highlighted cells are those >120% or < 80%

Species/LifeStage		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	EPHEM	162.2%	137.7%	130.0%	112.8%	149.5%	164.8%	158.3%	145.0%	131.6%	120.9%	124.4%	120.0%	115.6%	111.5%	107.5%
	PLECO	146.2%	138.8%	132.7%	113.9%	94.8%	136.9%	148.3%	147.2%	134.4%	123.4%	124.8%	120.4%	116.3%	112.2%	108.0%
	NHSJ	110.0%	122.5%	123.1%	113.4%	47.8%	94.0%	115.7%	124.5%	123.5%	119.6%	112.7%	111.3%	109.5%	107.5%	105.1%
	RBTF	215.2%	137.0%	122.2%	106.3%	408.3%	272.0%	191.5%	146.4%	124.4%	111.4%	124.8%	119.0%	114.1%	109.8%	106.1%
	BNDJ	138.8%	121.8%	116.0%	107.2%	121.0%	140.0%	136.3%	127.3%	117.2%	111.1%	114.7%	111.9%	109.2%	106.7%	104.4%
	BNDF	190.4%	137.6%	127.1%	108.2%	263.5%	218.2%	173.9%	145.0%	129.3%	115.9%	124.3%	119.2%	114.7%	110.5%	106.8%
	BNDS	404.3%	222.0%	172.9%	115.8%	507.8%	486.0%	359.9%	259.9%	181.9%	135.2%	181.3%	162.9%	146.6%	132.4%	120.1%
	BRTJ	162.7%	138.5%	130.2%	112.6%	145.3%	165.5%	159.4%	146.6%	132.1%	120.8%	125.1%	120.5%	116.0%	111.7%	107.6%
	BRTF	183.9%	145.4%	133.0%	112.8%	137.9%	183.7%	178.1%	155.7%	135.4%	120.8%	130.0%	124.1%	118.6%	113.4%	108.7%
	LNDX	105.7%	117.6%	118.2%	111.3%	56.9%	91.6%	111.4%	119.0%	118.5%	115.7%	110.4%	109.3%	107.9%	106.2%	104.4%
	CRCA	161.0%	132.7%	124.4%	109.8%	157.3%	167.6%	155.7%	139.9%	126.0%	116.2%	121.5%	117.4%	113.4%	109.8%	106.3%
	CRCY	207.0%	135.8%	121.9%	107.4%	330.4%	249.0%	186.6%	143.7%	123.9%	113.2%	123.9%	118.3%	113.6%	109.6%	106.1%
Deep	TRIC	121.2%	120.3%	119.0%	109.8%	103.5%	118.6%	121.9%	122.6%	119.6%	114.8%	112.9%	111.0%	109.0%	106.9%	104.7%
	MTSX	91.6%	97.7%	98.8%	100.3%	70.3%	87.0%	93.4%	97.0%	98.7%	99.7%	98.4%	98.9%	99.2%	99.4%	99.7%
	NHSA	95.9%	115.2%	117.8%	111.1%	39.8%	79.2%	102.7%	115.2%	117.9%	115.8%	107.4%	107.0%	106.3%	105.1%	103.7%
	RBTA	135.5%	123.1%	120.3%	110.6%	118.7%	136.2%	132.5%	125.3%	120.9%	115.5%	115.2%	112.7%	110.2%	107.7%	105.1%
	RBTS	58.9%	86.2%	85.0%	96.2%	12.8%	42.3%	72.6%	79.8%	83.9%	91.4%	90.6%	92.2%	93.6%	95.2%	97.2%
	BRTA	134.5%	124.0%	120.1%	110.2%	113.3%	133.0%	133.4%	128.0%	121.0%	115.3%	115.8%	113.1%	110.4%	107.8%	105.1%
	BRTS	117.7%	115.8%	112.7%	104.5%	61.0%	107.2%	120.1%	120.6%	113.7%	107.0%	110.4%	108.7%	106.9%	105.2%	103.3%
AVERAGE		154.9%	130.0%	122.4%	109.2%	154.7%	161.7%	150.1%	136.2%	123.9%	114.9%	119.4%	115.7%	112.2%	108.9%	105.8%
MEDIAN		138.8%	124.0%	121.9%	110.2%	118.7%	136.9%	136.3%	128.0%	123.5%	115.7%	115.8%	113.1%	110.4%	107.8%	105.1%
MINIMUM		58.9%	86.2%	85.0%	96.2%	12.8%	42.3%	72.6%	79.8%	83.9%	91.4%	90.6%	92.2%	93.6%	95.2%	97.2%
MAXIMUM		404.3%	222.0%	172.9%	115.8%	507.8%	486.0%	359.9%	259.9%	181.9%	135.2%	181.3%	162.9%	146.6%	132.4%	120.1%

**TUCKASEGEE 'East Fork' 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 **SUMMER**

**July - September**

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

Species/LifeStage		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	EPHEM															
	PLECO					1										
	NHSJ					1										
	RBTF															
	BNDJ															
	BNDF															
	BNDS															
	BRTJ															
	BRTF															
	LNDX					1										
	CRCA															
	CRCY															
Deep	TRIC															
	MTSX					1										
	NHSA					1	1									
	RBTA															
	RBTS	1	1			1	1									
	BRTA															
	BRTS					1										
Total out of 19		1	1	0	0	7	2	0	0	0	0	0	0	0	0	0
total > 1000 WUA		1	1	0	0	7	2	0	0	0	0	0	0	0	0	0
total < 1000 WUA		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total out of 19		1	1	0	0	7	2	0	0	0	0	0	0	0	0	0
% for just this season		5.3%	5.3%	0.0%	0.0%	36.8%	10.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% weighted equally for each season		1.3%	1.3%	0.0%	0.0%	9.2%	2.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% > 1000 WUA		1.3%	1.3%	0.0%	0.0%	9.2%	2.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% < 1000 WUA		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%

unregulated Index B
49778
30134
20292
8204
25559
16144
9748
38491
8024
59127
19150
4743
60282
114135
19127
76909
5191
39726
11911

**TUCKASEGEE 'East Fork' RIVER**      Table shows percentage of unregulated Index B value achieved by flow scenario

Season **SUMMER**      July - September      Highlighted cells are those >120% or < 80%

Species/LifeStage		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	EPHEM	128.9%	128.2%	109.5%	111.9%	118.8%	131.0%	125.8%	116.7%	110.3%	105.7%	115.1%	112.7%	110.1%	107.5%	105.0%
	PLECO	116.9%	117.1%	110.9%	113.4%	75.7%	109.4%	118.5%	117.9%	111.6%	106.9%	108.4%	107.6%	106.6%	105.2%	103.9%
	NHSJ	98.6%	99.5%	109.8%	110.2%	42.8%	84.2%	103.6%	110.6%	110.0%	107.9%	98.1%	99.3%	100.2%	100.6%	100.6%
	RBTF	166.6%	163.3%	106.2%	109.8%	316.0%	210.4%	148.3%	117.5%	107.2%	101.8%	133.2%	125.7%	119.1%	113.2%	108.3%
	BNDJ	119.9%	119.4%	105.2%	107.1%	104.5%	120.9%	117.7%	111.1%	105.8%	103.0%	110.2%	108.6%	106.9%	105.1%	103.4%
	BNDF	149.9%	147.3%	108.5%	111.7%	207.5%	171.8%	136.9%	116.9%	109.5%	103.9%	124.6%	119.4%	114.7%	110.4%	106.6%
	BNDS	208.6%	203.8%	114.1%	123.0%	262.0%	250.7%	185.8%	141.0%	116.6%	103.7%	153.1%	142.5%	132.7%	123.6%	115.2%
	BRTJ	128.6%	128.0%	109.6%	112.2%	114.8%	130.7%	126.0%	117.3%	110.4%	105.6%	115.1%	112.6%	110.1%	107.6%	105.0%
	BRTF	138.8%	137.7%	109.6%	112.9%	104.1%	138.7%	134.4%	119.9%	110.6%	104.7%	119.2%	116.9%	113.0%	109.7%	106.4%
	LNDX	96.8%	97.8%	107.7%	108.1%	52.1%	83.9%	102.0%	108.2%	107.9%	106.3%	97.0%	98.6%	99.6%	100.2%	100.4%
	CRCA	130.7%	129.8%	107.7%	110.2%	127.7%	136.0%	126.4%	115.2%	108.5%	104.2%	115.7%	112.9%	110.2%	107.5%	105.0%
	CRCY	161.9%	159.0%	106.2%	109.4%	258.4%	194.8%	146.0%	116.4%	107.1%	102.6%	130.6%	124.1%	118.1%	112.7%	108.0%
Deep	TRIC	107.5%	107.6%	106.8%	107.5%	91.8%	105.2%	108.1%	108.7%	107.0%	104.8%	104.4%	103.9%	103.3%	102.5%	101.8%
	MTSX	93.6%	94.0%	99.8%	99.4%	71.8%	88.9%	95.4%	98.7%	99.7%	100.3%	96.9%	97.6%	98.3%	98.8%	99.3%
	NHSA	90.7%	91.8%	109.0%	108.7%	37.7%	74.9%	97.0%	107.5%	109.1%	107.8%	93.8%	95.1%	97.2%	98.4%	99.3%
	RBTA	117.5%	116.9%	106.8%	107.8%	102.9%	118.1%	114.9%	109.4%	107.1%	104.6%	109.4%	107.9%	106.3%	104.7%	103.1%
	RBTS	65.8%	68.9%	92.2%	90.0%	14.3%	47.2%	81.0%	88.6%	91.4%	96.4%	84.4%	88.5%	92.4%	95.5%	97.4%
	BRTA	115.8%	115.5%	106.8%	108.2%	97.6%	114.5%	114.9%	110.9%	107.3%	104.6%	108.5%	107.3%	106.0%	104.9%	103.2%
	BRTS	106.1%	106.5%	104.4%	106.0%	55.0%	96.7%	108.3%	108.8%	104.9%	101.7%	101.5%	102.0%	102.0%	101.8%	101.5%
AVERAGE		123.3%	122.7%	106.9%	108.8%	118.7%	126.8%	120.6%	112.7%	107.5%	104.0%	111.5%	109.6%	107.7%	105.8%	103.9%
MEDIAN		117.5%	117.1%	107.7%	109.4%	102.9%	118.1%	117.7%	111.1%	107.9%	104.6%	109.4%	107.9%	106.6%	105.1%	103.4%
MINIMUM		65.8%	68.9%	92.2%	90.0%	14.3%	47.2%	81.0%	88.6%	91.4%	96.4%	84.4%	88.5%	92.4%	95.5%	97.4%
MAXIMUM		208.6%	203.8%	114.1%	123.0%	316.0%	250.7%	185.8%	141.0%	116.6%	107.9%	153.1%	142.5%	132.7%	123.6%	115.2%

TUCKASEGEE 'East Fork' 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 **FALL**      **Oct & Nov**      Numbers in **Red** indicate low amount of habitat (seasonal unregulated index B < 1,000).

Species/LifeStage		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	EPHEM															
	PLECO															
	NHSJ					1										
	RBTF															
	BNDJ															
	BNDF															
	BNDS															
	BRTJ															
	BRTF															
	LNDX					1										
	CRCA															
	CRCY															
Deep	TRIC															
	MTSX					1										
	NHSA					1	1									
	RBTA															
	RBTS	1				1	1	1								
	BRTA															
	BRTS					1										
Total out of 19		1	0	0	0	6	2	1	0	0	0	0	0	0	0	0
total > 1000 WUA		1	0	0	0	6	2	1	0	0	0	0	0	0	0	0
total < 1000 WUA		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total out of 19		1	0	0	0	6	2	1	0	0	0	0	0	0	0	0
% for just this season		5.3%	0.0%	0.0%	0.0%	31.6%	10.5%	5.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% weighted equally for each season		1.3%	0.0%	0.0%	0.0%	7.9%	2.6%	1.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% > 1000 WUA		1.3%	0.0%	0.0%	0.0%	7.9%	2.6%	1.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% < 1000 WUA		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%

unregulated Index B
41884
25607
18942
6648
22808
13379
5809
32221
6457
55956
16297
3884
55364
115954
18655
69264
5634
35557
11006

**TUCKASEGEE 'East Fork' RIVER**      Table shows percentage of unregulated Index B value achieved by flow scenario

Season   **FALL**

**October & November**

Highlighted cells are those >120% or < 80%

Species/LifeStage		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	EPHEM	153.2%	138.4%	123.5%	112.5%	141.2%	155.7%	149.5%	137.0%	125.0%	115.7%	122.4%	118.3%	114.4%	110.6%	107.0%
	PLECO	137.6%	138.4%	125.5%	113.8%	89.1%	128.8%	139.5%	138.5%	127.0%	117.6%	121.3%	117.8%	114.4%	111.3%	107.2%
	NHSJ	105.6%	118.2%	118.2%	112.5%	45.9%	90.2%	111.0%	119.5%	118.5%	115.1%	109.3%	108.8%	107.3%	106.1%	104.1%
	RBTF	205.5%	144.8%	117.8%	106.9%	389.9%	259.7%	182.9%	139.8%	119.9%	108.5%	126.7%	120.5%	115.1%	110.5%	106.5%
	BNDJ	134.3%	124.3%	112.9%	106.9%	117.1%	135.5%	131.9%	123.3%	114.0%	108.5%	114.1%	111.5%	108.9%	106.5%	104.2%
	BNDF	180.9%	141.1%	121.7%	108.8%	250.3%	207.3%	165.2%	137.8%	123.7%	112.0%	124.1%	119.2%	114.8%	110.6%	106.7%
	BNDS	350.0%	237.0%	153.5%	117.1%	439.6%	420.7%	311.6%	225.0%	160.9%	123.8%	177.1%	160.4%	145.5%	131.8%	119.7%
	BRTJ	153.6%	139.9%	123.7%	112.3%	137.2%	156.2%	150.5%	138.4%	125.4%	115.6%	123.1%	118.9%	114.9%	110.9%	107.1%
	BRTF	172.5%	148.9%	125.8%	112.5%	129.3%	172.3%	167.0%	146.0%	128.0%	115.4%	128.3%	122.9%	117.7%	112.9%	108.3%
	LNDX	102.3%	114.2%	114.4%	110.1%	55.0%	88.6%	107.8%	115.1%	114.7%	112.2%	107.4%	106.9%	106.2%	105.1%	103.5%
	CRCA	153.6%	135.3%	119.4%	109.7%	150.0%	159.8%	148.5%	133.4%	120.9%	112.2%	120.5%	116.6%	112.9%	109.4%	106.1%
	CRCY	197.7%	142.3%	117.5%	107.6%	315.6%	237.8%	178.2%	137.3%	119.3%	109.9%	125.3%	119.5%	114.5%	110.1%	106.2%
Deep	TRIC	117.0%	118.2%	115.1%	109.2%	100.0%	114.6%	117.7%	118.4%	115.6%	111.4%	111.1%	109.3%	107.6%	105.9%	104.2%
	MTSX	92.2%	97.1%	99.3%	100.3%	70.7%	87.5%	94.0%	97.5%	99.1%	100.1%	98.3%	98.8%	99.0%	99.4%	99.7%
	NHSA	93.0%	110.0%	114.1%	110.0%	38.6%	76.8%	99.5%	111.7%	114.1%	112.3%	104.0%	104.2%	104.0%	103.5%	102.9%
	RBTA	130.5%	121.4%	116.1%	109.7%	114.3%	131.2%	127.6%	120.6%	116.6%	111.9%	113.4%	111.2%	109.0%	106.8%	104.5%
	RBTS	60.6%	85.7%	87.1%	94.8%	13.2%	43.5%	74.7%	82.1%	86.1%	93.1%	90.0%	92.2%	93.8%	95.7%	97.8%
	BRTA	129.4%	123.8%	116.0%	109.6%	109.0%	128.0%	128.3%	123.2%	116.8%	111.8%	114.1%	111.7%	109.4%	107.0%	104.6%
	BRTS	114.9%	117.6%	110.4%	104.3%	59.6%	104.7%	117.2%	117.8%	111.4%	105.4%	109.8%	108.1%	106.6%	105.1%	103.3%
AVERAGE		146.5%	131.4%	117.5%	108.9%	145.6%	152.6%	142.2%	129.6%	118.8%	111.2%	117.9%	114.6%	111.4%	108.4%	105.5%
MEDIAN		134.3%	124.3%	117.5%	109.7%	114.3%	131.2%	131.9%	123.3%	118.5%	112.0%	114.1%	111.7%	109.4%	107.0%	104.6%
MINIMUM		60.6%	85.7%	87.1%	94.8%	13.2%	43.5%	74.7%	82.1%	86.1%	93.1%	90.0%	92.2%	93.8%	95.7%	97.8%
MAXIMUM		350.0%	237.0%	153.5%	117.1%	439.6%	420.7%	311.6%	225.0%	160.9%	123.8%	177.1%	160.4%	145.5%	131.8%	119.7%

TUCKASEGEE 'East Fork' 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**      Dec - March      Numbers in **Red** indicate low amount of habitat (seasonal unregulated index B < 1,000).

Species/LifeStage		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	EPHEM															
	PLECO															
	NHSJ					1										
	RBTF															
	BNDJ															
	BNDF															
	BNDS															
	BRTJ															
	BRTF															
	LNDX					1										
	CRCA															
	CRCY															
Deep	TRIC															
	MTSX					1										
	NHSA					1										
	RBTA															
	RBTS	1		1		1	1	1	1	1						
	BRTA															
	BRTS					1										
Total out of 19		1	0	1	0	6	1	1	1	1	0	0	0	0	0	0
total > 1000 WUA		1	0	1	0	6	1	1	1	1	0	0	0	0	0	0
total < 1000 WUA		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total out of 19		1	0	1	0	6	1	1	1	1	0	0	0	0	0	0
% for just this season		5.3%	0.0%	5.3%	0.0%	31.6%	5.3%	5.3%	5.3%	5.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% weighted equally for each season		1.3%	0.0%	1.3%	0.0%	7.9%	1.3%	1.3%	1.3%	1.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% > 1000 WUA		1.3%	0.0%	1.3%	0.0%	7.9%	1.3%	1.3%	1.3%	1.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% < 1000 WUA		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%

unregulated Index B
30374
18027
14288
5451
19204
10522
3004
23418
4574
44616
12691
3154
44599
117827
15005
54720
6345
28234
9807



**TUCKASEGEE 'East Fork' RIVER**      Table shows percentage of unregulated Index B value achieved by flow scenario

Season      **WINTER**

December - March

Highlighted cells are those >120% or < 80%

Species/LifeStage		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	EPHEM	211.3%	144.0%	168.7%	116.3%	194.8%	214.8%	206.2%	188.9%	171.0%	154.4%	134.3%	127.9%	121.9%	116.1%	110.5%
	PLECO	195.4%	149.9%	176.7%	115.6%	126.6%	182.9%	198.2%	196.7%	179.1%	161.5%	137.7%	130.8%	124.2%	117.9%	111.6%
	NHSJ	140.0%	145.2%	156.6%	118.7%	60.8%	119.6%	147.2%	158.4%	157.1%	151.1%	130.9%	126.1%	121.2%	116.0%	110.7%
	RBTF	250.7%	120.0%	141.4%	105.6%	475.5%	316.7%	223.0%	170.5%	144.4%	126.2%	118.3%	114.1%	110.5%	107.5%	104.8%
	BNDJ	159.6%	121.6%	133.0%	109.5%	139.1%	161.0%	156.7%	146.4%	134.5%	126.1%	117.0%	113.8%	110.9%	108.1%	105.3%
	BNDF	230.0%	125.2%	152.8%	106.8%	318.3%	263.6%	210.0%	175.2%	155.7%	136.4%	123.4%	118.1%	113.3%	109.2%	105.7%
	BNDS	676.8%	167.0%	284.9%	110.8%	850.1%	813.6%	602.5%	435.0%	301.5%	208.7%	174.5%	154.5%	138.2%	125.3%	114.8%
	BRTJ	211.4%	142.8%	168.4%	115.7%	188.8%	214.9%	207.1%	190.4%	171.1%	153.6%	133.7%	127.3%	121.3%	115.6%	110.1%
	BRTF	243.6%	144.6%	175.2%	117.7%	182.5%	243.3%	235.8%	206.1%	178.7%	155.6%	136.8%	129.5%	122.8%	116.6%	110.8%
	LNDX	128.2%	134.3%	143.4%	118.8%	69.0%	111.2%	135.1%	144.3%	143.8%	139.7%	125.0%	121.0%	116.8%	112.6%	108.4%
	CRCA	197.2%	131.2%	151.8%	112.1%	192.7%	205.2%	190.7%	171.3%	154.0%	139.5%	125.5%	120.5%	115.9%	111.6%	107.5%
	CRCY	243.5%	122.4%	142.6%	107.6%	388.6%	292.9%	219.5%	169.0%	145.2%	130.3%	119.8%	115.5%	111.7%	108.3%	105.3%
Deep	TRIC	145.3%	130.4%	142.5%	114.0%	124.1%	142.2%	146.1%	147.0%	143.2%	136.4%	123.0%	119.1%	115.2%	111.3%	107.4%
	MTSX	90.7%	99.5%	97.9%	101.2%	69.5%	86.2%	92.5%	96.0%	97.7%	98.9%	99.3%	99.5%	99.7%	99.8%	99.9%
	NHSA	115.6%	135.0%	142.1%	117.0%	48.0%	95.5%	123.7%	138.8%	142.1%	139.3%	124.0%	120.8%	117.0%	112.9%	108.7%
	RBTA	165.2%	132.8%	146.4%	117.2%	144.6%	166.0%	161.5%	152.7%	147.2%	139.3%	125.5%	121.1%	116.7%	112.4%	108.2%
	RBTS	53.8%	88.8%	77.8%	100.9%	11.7%	38.6%	66.4%	72.9%	76.8%	85.0%	90.8%	92.9%	94.6%	96.0%	97.5%
	BRTA	162.9%	132.6%	145.2%	114.2%	137.3%	161.1%	161.6%	155.1%	146.4%	138.2%	124.1%	120.0%	116.0%	112.0%	108.0%
	BRTS	128.9%	111.1%	123.1%	106.9%	66.8%	117.5%	131.6%	132.2%	124.4%	115.6%	111.3%	108.7%	106.4%	104.4%	102.8%
AVERAGE		197.4%	130.4%	151.1%	111.9%	199.4%	207.7%	190.3%	170.9%	153.4%	138.7%	125.0%	120.1%	115.5%	111.2%	107.3%
MEDIAN		165.2%	132.6%	145.2%	114.0%	139.1%	166.0%	161.6%	158.4%	146.4%	139.3%	124.1%	120.5%	116.0%	112.0%	108.0%
MINIMUM		53.8%	88.8%	77.8%	100.9%	11.7%	38.6%	66.4%	72.9%	76.8%	85.0%	90.8%	92.9%	94.6%	96.0%	97.5%
MAXIMUM		676.8%	167.0%	284.9%	118.8%	850.1%	813.6%	602.5%	435.0%	301.5%	208.7%	174.5%	154.5%	138.2%	125.3%	114.8%