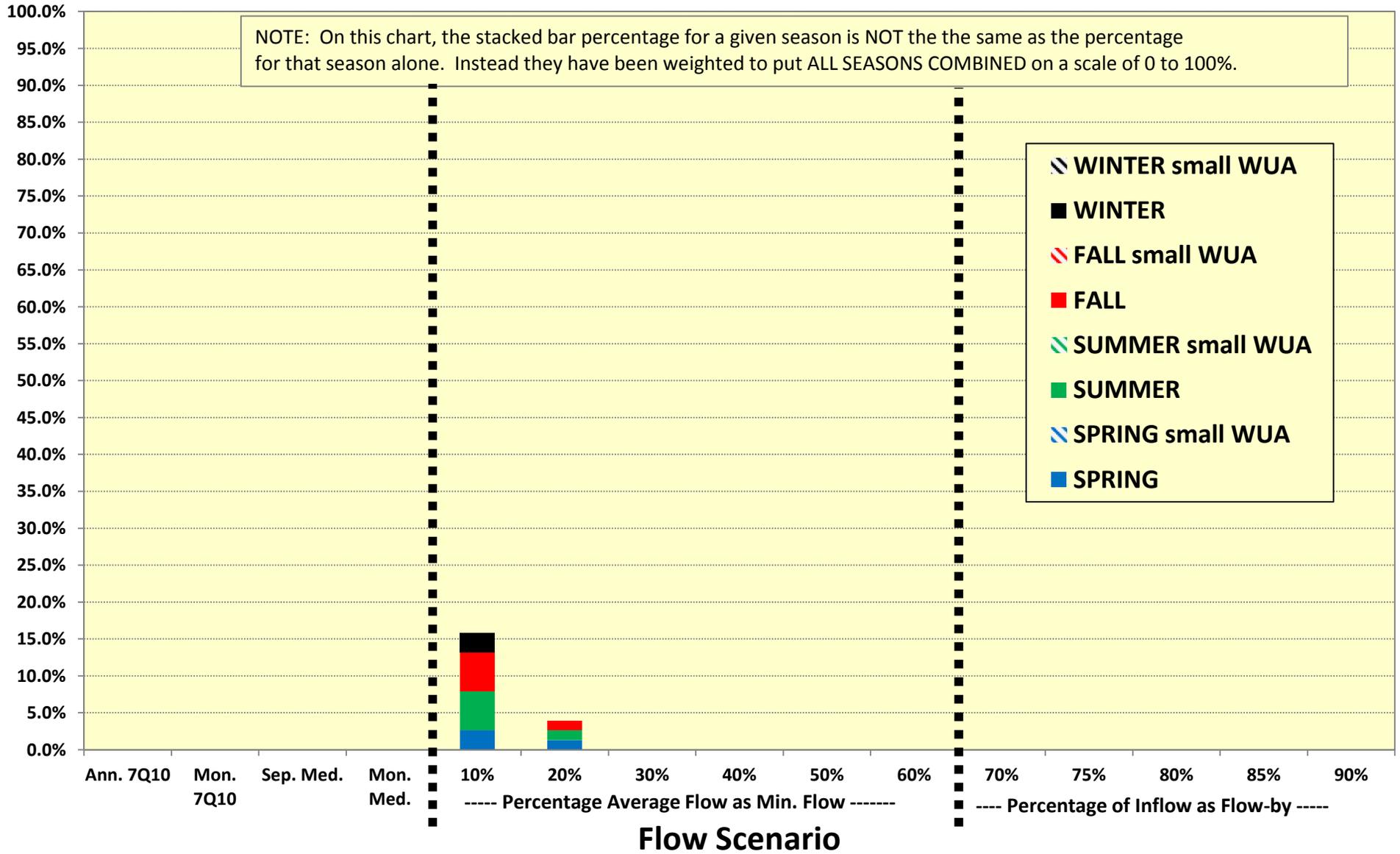


Tuckasegee River, MainStem (TR1A) site - Percentage (weighted equally for each season) of Species/Life Stages <80% of Unregulated Index B Value



TUCKASEGEE RIVER (TR1A) 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														
	RBTF														
	BNDJ														
	BNDF														
	BNDS														
	BRTJ														
	BRTF														
	LNDX														
	CRCA														
	CRCY														
Deep	TRIC														
	MTSX				1										
	NHSA														
	RBTA														
	RBTS				1	1									
	BRTA														
	BRTS														
Total out of 19		0	0	0	0	2	1	0	0	0	0	0	0	0	0
total > 1000 WUA		0	0	0	0	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
Total out of 19		0	0	0	0	2	1	0	0	0	0	0	0	0	0
% for just this season		0.0%	0.0%	0.0%	0.0%	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		0.0%	0.0%	0.0%	0.0%	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%	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%

unregulated Index B
24144
14442
14252
2527
12935
5463
2102
20574
6575
40440
7545
2331
36763
101513
17346
45397
16793
21706
17776

TUCKASEGEE RIVER (TR1A) 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	225.8%	183.2%	164.1%	114.8%	230.8%	238.1%	217.7%	189.6%	163.0%	140.4%	143.4%	134.9%	126.9%	119.5%	112.5%
	PLECO	219.4%	187.3%	168.3%	115.3%	180.7%	216.2%	217.0%	194.0%	167.2%	145.2%	145.3%	136.6%	128.3%	120.6%	113.2%
	NHSJ	183.3%	165.1%	152.6%	114.6%	120.6%	177.4%	182.9%	170.4%	151.8%	135.6%	134.7%	128.3%	122.1%	116.1%	110.5%
	RBTF	373.7%	215.0%	172.0%	110.4%	865.0%	530.9%	312.9%	226.5%	170.0%	134.8%	158.1%	144.9%	133.4%	123.3%	114.5%
	BNDJ	197.0%	163.9%	151.0%	113.9%	226.3%	215.5%	188.4%	168.3%	150.2%	133.3%	134.2%	127.7%	121.5%	115.7%	110.1%
	BNDF	345.6%	214.6%	174.9%	114.1%	614.4%	435.0%	305.0%	224.8%	173.0%	139.5%	158.6%	145.6%	134.2%	124.1%	115.1%
	BNDS	599.4%	290.5%	210.6%	116.4%	1092.2%	831.2%	496.7%	308.3%	207.4%	155.1%	196.1%	173.0%	153.5%	136.9%	122.7%
	BRTJ	223.2%	175.7%	156.8%	113.9%	233.3%	246.3%	211.2%	181.8%	155.8%	135.8%	139.7%	131.8%	124.5%	117.7%	111.4%
	BRTF	230.0%	180.6%	160.4%	114.1%	222.1%	247.8%	218.3%	187.2%	159.3%	138.3%	142.1%	133.7%	126.0%	118.7%	112.0%
	LNDX	140.6%	143.6%	141.0%	117.6%	80.6%	125.3%	145.1%	145.0%	140.7%	134.6%	124.7%	121.0%	117.0%	112.8%	108.6%
	CRCA	218.1%	169.1%	150.7%	112.4%	241.5%	239.7%	205.8%	174.9%	149.7%	131.8%	136.3%	129.1%	122.3%	116.1%	110.3%
CRCY	229.9%	157.7%	137.8%	106.0%	447.9%	295.4%	204.8%	162.6%	136.9%	118.2%	129.9%	123.3%	117.6%	112.4%	107.9%	
Deep	TRIC	165.7%	154.1%	144.6%	114.2%	146.3%	161.3%	166.9%	157.8%	144.0%	131.9%	129.3%	124.1%	119.0%	113.9%	109.1%
	MTSX	93.6%	98.6%	100.0%	102.2%	73.6%	88.4%	95.4%	98.3%	100.1%	101.4%	99.6%	99.8%	100.0%	100.1%	100.2%
	NHSA	143.3%	144.0%	138.8%	113.7%	88.2%	131.2%	147.2%	146.7%	138.4%	128.8%	123.8%	120.0%	116.0%	112.0%	107.9%
	RBTA	185.6%	161.3%	150.3%	114.8%	165.6%	187.1%	181.5%	165.0%	149.6%	135.2%	133.0%	126.9%	121.0%	115.4%	110.0%
	RBTS	96.7%	114.0%	116.7%	115.5%	24.8%	77.7%	103.9%	114.1%	116.9%	120.9%	108.5%	108.0%	107.0%	105.7%	104.1%
	BRTA	183.2%	159.4%	148.0%	113.5%	177.6%	190.0%	178.4%	163.5%	147.3%	132.6%	131.9%	126.0%	120.3%	114.8%	109.6%
	BRTS	142.7%	137.3%	133.2%	114.4%	106.2%	138.6%	143.3%	138.8%	133.0%	126.9%	121.7%	118.1%	114.5%	110.9%	107.2%
AVERAGE	220.9%	169.2%	151.1%	113.3%	280.9%	251.2%	206.4%	174.6%	150.2%	132.6%	136.4%	129.1%	122.4%	116.1%	110.4%	
MEDIAN	197.0%	163.9%	150.7%	114.1%	180.7%	215.5%	188.4%	168.3%	149.7%	134.6%	134.2%	127.7%	121.5%	115.7%	110.1%	
MINIMUM	93.6%	98.6%	100.0%	102.2%	24.8%	77.7%	95.4%	98.3%	100.1%	101.4%	99.6%	99.8%	100.0%	100.1%	100.2%	
MAXIMUM	599.4%	290.5%	210.6%	117.6%	1092.2%	831.2%	496.7%	308.3%	207.4%	155.1%	196.1%	173.0%	153.5%	136.9%	122.7%	

TUCKASEGEE RIVER (TR1A)

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															
NHSJ															
RBTF															
BNDJ															
BNDF															
BNDS															
BRTJ															
BRTF															
LNDX					1										
CRCA															
CRCY															
Deep TRIC															
MTSX					1										
NHSA					1										
RBTA															
RBTS					1	1									
BRTA															
BRTS															
Total out of 19	0	0	0	0	4	1	0	0	0	0	0	0	0	0	0
total > 1000 WUA	0	0	0	0	4	1	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	0	0	0	0	4	1	0	0	0	0	0	0	0	0	0
% for just this season	0.0%	0.0%	0.0%	0.0%	21.1%	5.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% weighted equally for each season	0.0%	0.0%	0.0%	0.0%	5.3%	1.3%	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%	5.3%	1.3%	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
37406
22675
20338
4539
18430
9785
4956
30976
10110
51978
11068
3264
49884
100189
22243
63822
18157
30231
22262

TUCKASEGEE RIVER (TR1A) 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	145.8%	145.2%	115.0%	116.5%	149.0%	153.7%	140.5%	125.3%	114.7%	106.9%	124.4%	120.1%	115.9%	111.8%	107.8%
	PLECO	139.7%	139.7%	116.0%	117.4%	115.1%	137.7%	138.2%	126.2%	115.6%	108.1%	120.9%	117.8%	114.4%	110.9%	107.3%
	NHSJ	128.5%	128.7%	113.2%	114.4%	84.5%	124.3%	128.2%	120.9%	112.9%	106.8%	114.9%	112.9%	110.7%	108.2%	105.6%
	RBTF	208.0%	201.7%	114.2%	116.6%	481.6%	295.6%	174.2%	133.2%	113.6%	103.1%	156.6%	143.4%	132.0%	122.1%	113.5%
	BNDJ	138.3%	137.4%	112.7%	113.8%	158.8%	151.3%	132.2%	120.3%	112.4%	106.1%	120.9%	117.0%	113.3%	109.8%	106.4%
	BNDF	193.0%	189.4%	114.7%	117.0%	343.0%	242.8%	170.3%	132.1%	114.1%	104.1%	147.5%	137.5%	128.4%	120.2%	112.8%
	BNDS	254.2%	247.5%	116.1%	119.1%	463.3%	352.5%	210.7%	142.2%	115.3%	103.4%	178.0%	160.5%	145.2%	131.7%	119.8%
	BRTJ	148.3%	147.1%	113.5%	114.9%	155.0%	163.6%	140.3%	123.8%	113.1%	106.0%	125.7%	120.8%	116.3%	111.9%	107.7%
	BRTF	149.6%	148.5%	114.1%	115.6%	144.4%	161.2%	141.9%	125.0%	113.7%	106.4%	126.2%	121.4%	116.8%	112.3%	108.0%
	LNDX	109.4%	110.2%	110.8%	111.2%	62.7%	97.5%	112.9%	112.9%	110.7%	108.0%	104.5%	104.6%	104.3%	103.7%	102.7%
	CRCA	148.7%	147.5%	112.2%	113.6%	164.6%	163.4%	140.3%	122.5%	111.8%	105.3%	125.4%	120.6%	116.1%	111.8%	107.6%
CRCY	164.2%	161.2%	109.4%	110.8%	319.9%	211.0%	146.2%	120.5%	109.0%	101.9%	133.1%	125.6%	119.1%	113.4%	108.4%	
Deep	TRIC	122.1%	122.4%	111.5%	112.4%	107.8%	118.9%	123.0%	117.6%	111.3%	106.5%	112.1%	110.5%	108.6%	106.7%	104.6%
	MTSX	94.8%	95.2%	100.3%	100.1%	74.5%	89.6%	96.7%	99.1%	100.3%	101.0%	97.2%	97.9%	98.5%	99.0%	99.4%
	NHSA	111.8%	112.4%	110.6%	111.2%	68.8%	102.3%	114.8%	114.5%	110.4%	106.4%	105.8%	105.6%	105.0%	104.1%	102.9%
	RBTA	132.0%	131.8%	112.7%	113.7%	117.8%	133.1%	129.1%	119.2%	112.4%	107.0%	117.4%	114.6%	111.8%	108.8%	105.9%
	RBTS	89.4%	90.6%	105.8%	105.5%	22.9%	71.9%	96.1%	104.2%	105.9%	107.8%	93.3%	95.1%	96.7%	98.0%	99.0%
	BRTA	131.6%	131.1%	112.2%	113.3%	127.5%	136.4%	128.1%	119.1%	112.0%	106.3%	117.4%	114.5%	111.5%	108.6%	105.7%
	BRTS	113.9%	114.2%	108.7%	109.1%	84.8%	110.6%	114.4%	111.4%	108.5%	105.9%	108.0%	107.0%	105.9%	104.6%	103.2%
AVERAGE	143.3%	142.2%	111.8%	113.0%	170.8%	158.8%	135.7%	120.5%	111.5%	105.6%	122.6%	118.3%	114.2%	110.4%	106.7%	
MEDIAN	138.3%	137.4%	112.7%	113.7%	127.5%	137.7%	132.2%	120.5%	112.4%	106.3%	120.9%	117.0%	113.3%	109.8%	106.4%	
MINIMUM	89.4%	90.6%	100.3%	100.1%	22.9%	71.9%	96.1%	99.1%	100.3%	101.0%	93.3%	95.1%	96.7%	98.0%	99.0%	
MAXIMUM	254.2%	247.5%	116.1%	119.1%	481.6%	352.5%	210.7%	142.2%	115.6%	108.1%	178.0%	160.5%	145.2%	131.7%	119.8%	

TUCKASEGEE RIVER (TR1A) 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														
	RBTF														
	BNDJ														
	BNDF														
	BNDS														
	BRTJ														
	BRTF														
	LNDX				1										
	CRCA														
	CRCY														
Deep	TRIC														
	MTSX				1										
	NHSA				1										
	RBTA														
	RBTS				1	1									
	BRTA														
	BRTS														
Total out of 19		0	0	0	0	4	1	0	0	0	0	0	0	0	0
total > 1000 WUA		0	0	0	0	4	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
Total out of 19		0	0	0	0	4	1	0	0	0	0	0	0	0	0
% for just this season		0.0%	0.0%	0.0%	0.0%	21.1%	5.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% weighted equally for each season		0.0%	0.0%	0.0%	0.0%	5.3%	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%	5.3%	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%

unregulated Index B
29660
17908
16908
3264
15278
7083
3089
24863
8027
46100
8978
2682
42597
101393
19675
53385
17757
25400
19892

TUCKASEGEE RIVER (TR1A) 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	183.8%	171.8%	136.8%	116.9%	187.9%	193.8%	177.2%	154.7%	136.1%	121.4%	134.7%	128.2%	122.0%	116.1%	110.4%
	PLECO	176.9%	170.9%	138.9%	117.7%	145.7%	174.4%	175.0%	156.8%	138.2%	124.1%	134.4%	128.4%	122.4%	116.5%	110.8%
	NHSJ	154.5%	151.9%	130.9%	115.3%	101.7%	149.6%	154.2%	143.8%	130.4%	119.5%	125.9%	121.6%	117.2%	112.8%	108.4%
	RBTF	289.3%	225.5%	139.7%	113.5%	669.7%	411.1%	242.2%	176.1%	138.5%	116.8%	156.2%	143.2%	132.3%	122.8%	114.3%
	BNDJ	166.8%	155.4%	130.1%	114.7%	191.6%	182.5%	159.5%	142.7%	129.6%	118.2%	127.6%	122.5%	117.6%	112.9%	108.4%
	BNDF	266.6%	219.7%	140.9%	116.1%	473.9%	335.5%	235.2%	174.1%	139.7%	119.1%	153.8%	142.1%	131.7%	122.5%	114.2%
	BNDS	407.9%	305.3%	153.6%	119.4%	743.3%	565.6%	338.0%	211.2%	151.9%	123.5%	188.9%	168.0%	150.2%	134.8%	121.6%
	BRTJ	184.7%	169.0%	133.0%	115.2%	193.1%	203.8%	174.8%	150.8%	132.3%	119.1%	133.1%	126.7%	120.7%	115.1%	109.7%
	BRTF	188.4%	172.8%	134.8%	115.9%	181.9%	203.0%	178.8%	153.7%	134.1%	120.4%	134.8%	128.1%	121.8%	115.9%	110.3%
	LNDX	123.3%	127.4%	124.2%	115.7%	70.7%	109.9%	127.3%	127.2%	124.0%	119.7%	115.3%	113.4%	111.2%	108.7%	105.9%
	CRCA	183.3%	166.6%	129.8%	113.7%	203.0%	201.5%	172.9%	147.3%	129.1%	117.1%	131.6%	125.4%	119.6%	114.2%	109.2%
	CRCY	199.9%	168.6%	123.1%	107.2%	389.3%	256.7%	178.0%	141.7%	122.5%	109.6%	130.9%	124.0%	118.1%	112.8%	108.1%
Deep	TRIC	143.0%	142.5%	126.6%	114.3%	126.2%	139.2%	144.1%	136.4%	126.2%	117.8%	121.6%	118.2%	114.6%	110.9%	107.3%
	MTSX	93.7%	96.2%	99.9%	101.2%	73.6%	88.5%	95.5%	98.3%	99.9%	101.0%	98.3%	98.7%	99.1%	99.4%	99.7%
	NHSA	126.3%	130.0%	123.4%	113.2%	77.7%	115.7%	129.8%	129.3%	123.1%	116.4%	115.6%	113.5%	111.1%	108.5%	105.8%
	RBTA	157.8%	151.0%	129.7%	115.5%	140.8%	159.1%	154.3%	140.5%	129.3%	119.5%	125.9%	121.3%	116.8%	112.4%	108.1%
	RBTS	91.5%	100.7%	110.0%	111.7%	23.4%	73.5%	98.3%	107.8%	110.1%	113.1%	101.1%	101.8%	102.2%	102.2%	101.8%
	BRTA	156.6%	149.5%	128.5%	114.1%	151.7%	162.4%	152.4%	139.9%	128.1%	118.0%	125.1%	120.6%	116.3%	112.0%	107.9%
	BRTS	127.5%	127.2%	119.8%	112.8%	94.9%	123.8%	128.1%	124.1%	119.7%	115.3%	115.2%	113.0%	110.5%	108.0%	105.4%
AVERAGE		180.1%	163.3%	129.1%	113.9%	223.2%	202.6%	169.2%	145.1%	128.6%	117.3%	130.0%	124.1%	118.7%	113.6%	108.8%
MEDIAN		166.8%	155.4%	129.8%	114.7%	151.7%	174.4%	159.5%	142.7%	129.3%	118.2%	127.6%	122.5%	117.6%	112.8%	108.4%
MINIMUM		91.5%	96.2%	99.9%	101.2%	23.4%	73.5%	95.5%	98.3%	99.9%	101.0%	98.3%	98.7%	99.1%	99.4%	99.7%
MAXIMUM		407.9%	305.3%	153.6%	119.4%	743.3%	565.6%	338.0%	211.2%	151.9%	124.1%	188.9%	168.0%	150.2%	134.8%	121.6%

TUCKASEGEE RIVER (TR1A) 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															
RBTF															
BNDJ															
BNDF															
BNDS															
BRTJ															
BRTF															
LNDX															
CRCA															
CRCY															
Deep TRIC															
MTSX					1										
NHSA															
RBTA															
RBTS					1										
BRTA															
BRTS															
Total out of 19	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
total > 1000 WUA	0	0	0	0	2	0	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	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
% for just this season	0.0%	0.0%	0.0%	0.0%	10.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% weighted equally for each season	0.0%	0.0%	0.0%	0.0%	2.6%	0.0%	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%	2.6%	0.0%	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
16223
9389
10095
1740
9297
3553
1101
14434
4516
28842
5515
1917
26783
97938
13064
32090
13755
15753
13551

TUCKASEGEE RIVER (TR1A) 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	336.1%	199.8%	243.3%	111.7%	343.5%	354.3%	324.0%	282.2%	241.6%	202.4%	156.0%	143.9%	132.9%	123.1%	114.4%
	PLECO	337.4%	213.9%	257.9%	110.4%	278.0%	332.6%	333.8%	298.4%	256.2%	216.7%	161.5%	148.4%	136.5%	125.8%	116.1%
	NHSJ	258.8%	185.2%	214.8%	111.9%	170.3%	250.5%	258.2%	240.5%	213.6%	187.0%	147.2%	137.4%	128.4%	120.2%	112.7%
	RBTF	542.7%	182.2%	248.3%	112.9%	1256.2%	771.1%	454.4%	328.9%	245.2%	185.8%	152.8%	139.9%	128.9%	119.5%	111.7%
	BNDJ	274.1%	179.0%	209.5%	113.2%	314.8%	299.9%	262.1%	234.1%	208.3%	180.9%	145.2%	135.8%	127.1%	119.1%	112.0%
	BNDF	531.4%	200.9%	267.4%	114.2%	944.7%	668.8%	469.0%	345.7%	264.3%	204.4%	162.1%	147.5%	134.8%	124.0%	114.7%
	BNDS	1144.4%	270.0%	398.6%	115.2%	2085.3%	1586.8%	948.3%	588.6%	391.9%	276.4%	203.7%	177.9%	156.5%	138.6%	123.5%
	BRTJ	318.2%	185.9%	222.7%	111.7%	332.6%	351.0%	301.1%	259.2%	221.2%	188.0%	148.8%	138.3%	128.9%	120.4%	112.8%
	BRTF	334.9%	193.0%	232.7%	111.6%	323.4%	360.8%	317.8%	272.6%	231.0%	195.3%	152.3%	141.1%	130.9%	121.8%	113.6%
	LNDX	197.1%	186.1%	197.5%	116.7%	113.0%	175.6%	203.4%	203.2%	197.2%	187.0%	146.1%	137.6%	129.3%	121.4%	113.8%
	CRCA	298.4%	173.7%	205.4%	111.4%	330.4%	328.0%	281.5%	239.3%	204.0%	175.6%	142.4%	133.4%	125.1%	117.8%	111.2%
CRCY	279.6%	137.6%	167.0%	112.6%	544.7%	359.2%	249.0%	197.7%	165.7%	139.3%	126.3%	120.3%	114.9%	110.1%	106.1%	
Deep	TRIC	227.4%	176.5%	198.1%	113.0%	200.8%	221.4%	229.1%	216.6%	197.2%	177.8%	142.6%	134.3%	126.4%	119.1%	112.3%
	MTSX	97.0%	105.5%	103.7%	106.2%	76.2%	91.7%	98.9%	101.8%	103.8%	105.4%	104.5%	104.3%	104.1%	103.5%	102.7%
	NHSA	190.3%	167.5%	184.0%	113.2%	117.1%	174.2%	195.4%	194.7%	183.4%	168.6%	137.8%	130.5%	123.5%	117.0%	110.9%
	RBTA	262.5%	185.6%	212.1%	112.6%	234.3%	264.6%	256.7%	233.4%	211.1%	187.3%	147.3%	137.9%	129.1%	121.0%	113.4%
	RBTS	118.1%	149.0%	142.6%	117.1%	30.3%	94.9%	126.9%	139.4%	142.8%	148.5%	126.4%	122.4%	118.1%	113.7%	109.2%
	BRTA	252.5%	177.1%	203.4%	113.2%	244.7%	261.8%	245.8%	225.2%	202.4%	178.7%	143.5%	134.7%	126.5%	118.9%	112.0%
	BRTS	187.1%	164.2%	174.6%	114.5%	139.3%	181.8%	188.0%	182.1%	174.2%	164.9%	135.9%	129.4%	122.9%	116.8%	110.9%
AVERAGE	325.7%	180.7%	214.9%	112.8%	425.2%	375.2%	302.3%	251.8%	213.4%	182.6%	146.4%	136.6%	127.6%	119.6%	112.3%	
MEDIAN	274.1%	182.2%	209.5%	112.9%	278.0%	299.9%	258.2%	234.1%	208.3%	185.8%	146.1%	137.4%	128.4%	119.5%	112.3%	
MINIMUM	97.0%	105.5%	103.7%	106.2%	30.3%	91.7%	98.9%	101.8%	103.8%	105.4%	104.5%	104.3%	104.1%	103.5%	102.7%	
MAXIMUM	1144.4%	270.0%	398.6%	117.1%	2085.3%	1586.8%	948.3%	588.6%	391.9%	276.4%	203.7%	177.9%	156.5%	138.6%	123.5%	