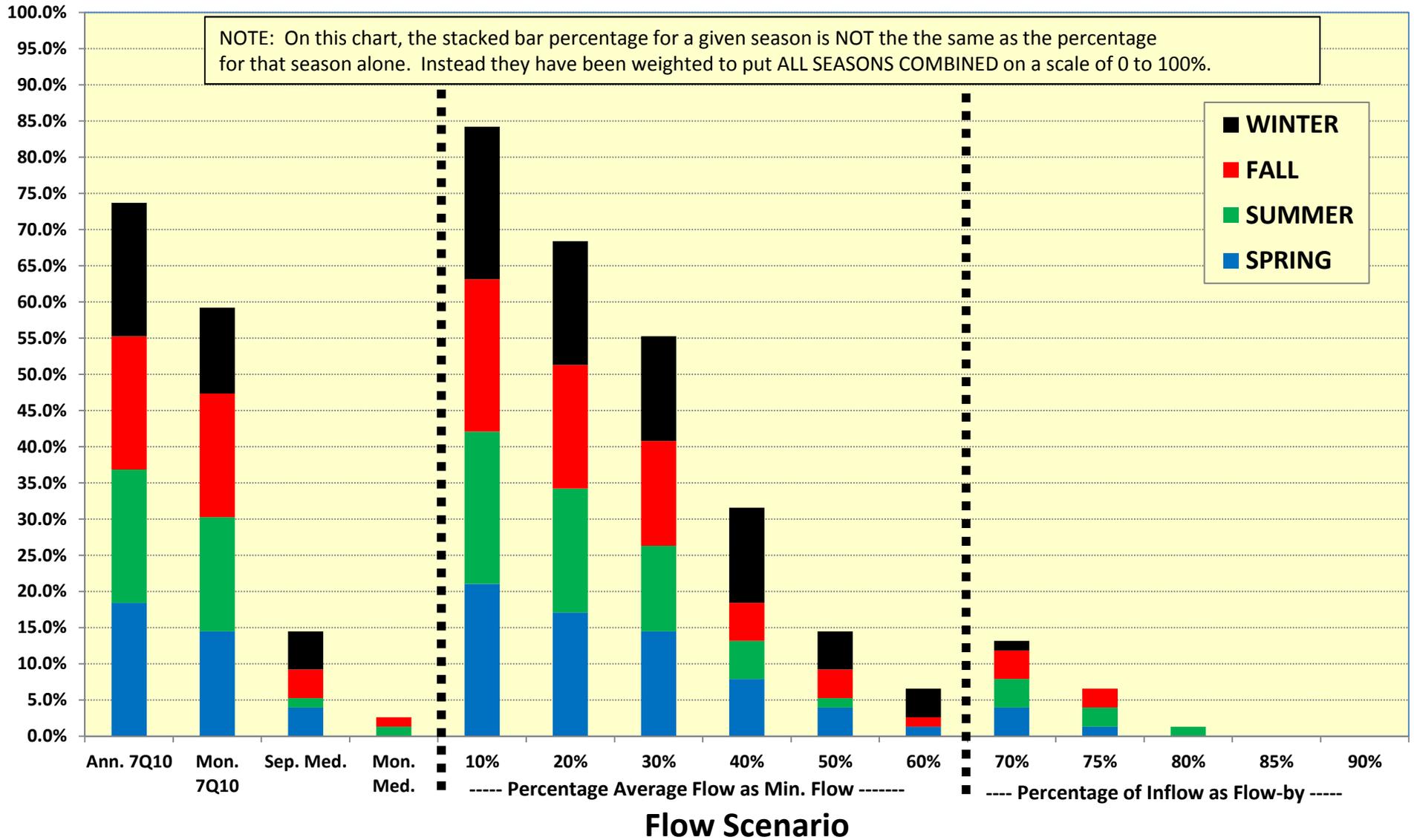


Davidson River, WRC Trout Hatchery site - Percentage (weighted equally for each season) of Species/Life Stages with < 80% of Unregulated Index B Value



Davidson River, WRC Trout Hatchery site - Percentage (weighted equally for each season) of Species/Life Stages with > 120% of Unregulated Index B Value

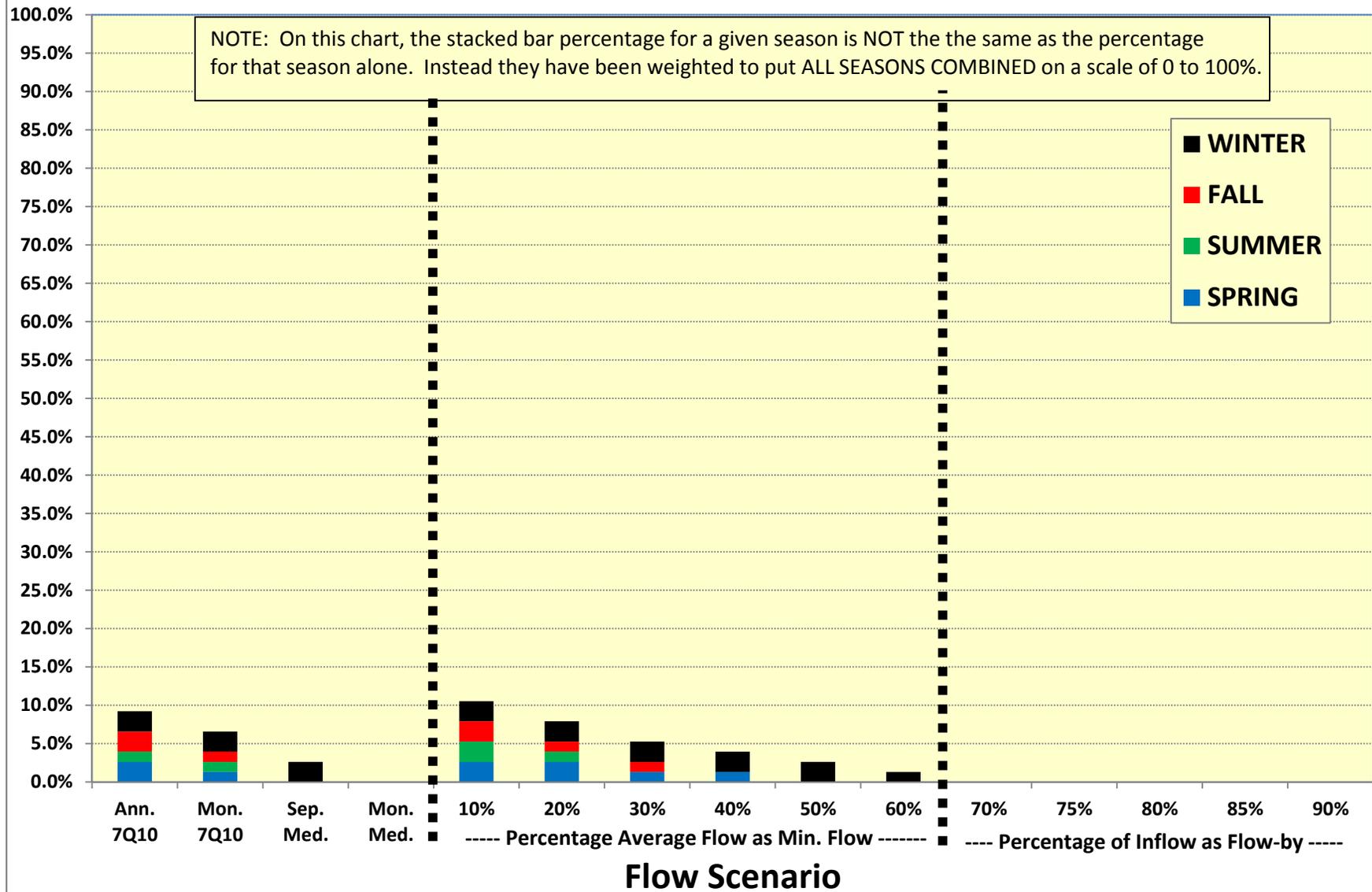


Table shows percentage of unregulated Index B value achieved by flow scenario

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	EPHEM	80.4%	93.4%	101.1%	102.6%	66.7%	83.1%	92.1%	97.6%	100.6%	102.0%	97.9%	98.5%	99.0%	99.3%	99.6%
	PLECO	51.7%	71.7%	89.9%	96.2%	35.1%	54.4%	69.1%	80.4%	88.4%	93.4%	88.6%	90.9%	93.1%	95.0%	96.8%
	NHSJ	17.5%	44.9%	75.2%	88.1%	11.5%	20.8%	40.6%	58.9%	72.5%	82.5%	75.6%	80.3%	84.7%	88.9%	92.9%
	RBTf	135.4%	126.2%	113.0%	107.7%	140.7%	131.0%	127.8%	120.8%	114.1%	110.2%	112.5%	110.3%	108.1%	106.0%	103.9%
	BNDJ	44.5%	69.0%	89.2%	96.4%	29.2%	49.6%	66.2%	78.2%	87.3%	93.7%	87.4%	90.1%	92.5%	94.7%	96.6%
	BNDF	101.4%	107.0%	107.8%	105.8%	96.2%	102.1%	106.9%	107.7%	107.8%	107.0%	104.2%	103.7%	103.1%	102.4%	101.7%
	BNDS	75.5%	99.1%	107.3%	105.3%	45.0%	85.6%	97.4%	104.0%	106.9%	106.6%	100.3%	100.5%	100.7%	100.7%	100.5%
	BRTJ	57.1%	79.6%	96.3%	100.2%	43.1%	61.7%	77.1%	88.0%	95.1%	98.6%	92.7%	94.4%	95.9%	97.2%	98.3%
	BRTf	48.1%	71.0%	91.3%	97.7%	34.7%	52.4%	68.1%	80.9%	89.8%	94.9%	88.7%	91.1%	93.3%	95.3%	97.0%
	LNDX	35.2%	61.0%	84.2%	92.8%	21.6%	41.0%	57.8%	71.9%	82.2%	89.2%	83.3%	86.7%	89.8%	92.8%	95.3%
	CRCA	46.4%	70.1%	90.1%	96.4%	32.3%	51.0%	67.1%	80.0%	88.6%	93.8%	88.0%	90.6%	92.9%	94.9%	96.8%
	CRCY	124.0%	118.5%	110.5%	106.6%	128.3%	121.9%	119.5%	115.2%	111.3%	108.3%	109.2%	107.6%	106.1%	104.5%	103.0%
Deep	TRIC	82.3%	94.1%	100.1%	101.8%	70.6%	85.8%	93.1%	97.5%	99.7%	101.1%	98.1%	98.6%	99.0%	99.3%	99.6%
	MTSX	57.4%	76.9%	90.7%	95.3%	41.1%	63.0%	74.9%	83.6%	89.6%	93.3%	90.1%	92.0%	93.8%	95.5%	97.0%
	NHSA	34.6%	54.5%	76.2%	86.7%	28.2%	37.9%	52.0%	64.1%	74.1%	82.3%	78.5%	82.4%	86.1%	89.9%	93.3%
	RBTA	66.0%	85.0%	97.7%	101.4%	54.2%	70.2%	83.2%	91.3%	96.6%	100.0%	94.7%	96.0%	97.1%	98.0%	98.8%
	RBTS	7.6%	32.0%	69.4%	81.4%	3.8%	10.5%	27.9%	46.9%	66.2%	76.7%	69.6%	75.3%	80.7%	85.8%	90.7%
	BRTA	70.7%	87.4%	98.2%	101.1%	57.7%	74.1%	85.7%	93.1%	97.5%	100.1%	95.7%	96.7%	97.7%	98.4%	99.1%
	BRTS	36.5%	67.0%	90.4%	97.0%	17.6%	43.7%	63.7%	78.5%	88.5%	94.5%	87.1%	89.9%	92.4%	94.6%	96.6%
AVERAGE		61.7%	79.4%	93.6%	97.9%	50.4%	65.3%	77.4%	86.2%	92.5%	96.2%	91.7%	93.5%	95.0%	96.5%	97.8%
MEDIAN		57.1%	76.9%	91.3%	97.7%	41.1%	61.7%	74.9%	83.6%	89.8%	94.9%	90.1%	92.0%	93.8%	95.5%	97.0%
MINIMUM		7.6%	32.0%	69.4%	81.4%	3.8%	10.5%	27.9%	46.9%	66.2%	76.7%	69.6%	75.3%	80.7%	85.8%	90.7%
MAXIMUM		135.4%	126.2%	113.0%	107.7%	140.7%	131.0%	127.8%	120.8%	114.1%	110.2%	112.5%	110.3%	108.1%	106.0%	103.9%

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	EPHEM	82.1%	87.7%	101.4%	101.4%	68.1%	84.8%	94.0%	98.8%	101.1%	102.1%	96.4%	97.3%	98.0%	98.7%	99.2%
	PLECO	56.4%	64.0%	93.5%	93.5%	38.3%	59.4%	75.2%	85.7%	92.3%	96.3%	86.5%	89.2%	91.7%	94.0%	96.2%
	NHSJ	21.2%	31.4%	82.6%	82.6%	13.9%	25.2%	48.9%	67.8%	80.1%	88.9%	71.8%	76.9%	82.0%	86.7%	91.4%
	RBTF	124.5%	120.0%	106.7%	106.7%	129.3%	120.4%	117.5%	112.0%	107.4%	104.8%	109.3%	107.7%	106.2%	104.6%	103.1%
	BNDJ	48.9%	59.6%	93.0%	93.0%	32.2%	54.6%	72.7%	83.9%	91.5%	96.6%	84.8%	87.8%	90.7%	93.3%	95.7%
	BNDF	98.7%	101.0%	104.7%	104.7%	93.7%	99.4%	104.1%	104.7%	104.8%	104.2%	101.6%	101.5%	101.3%	101.1%	100.8%
	BNDS	75.8%	90.0%	105.9%	105.8%	45.2%	85.9%	97.7%	103.4%	105.6%	105.1%	97.3%	98.0%	98.7%	99.1%	99.5%
	BRTJ	60.5%	70.1%	98.0%	97.9%	45.7%	65.4%	81.5%	91.4%	97.1%	99.8%	89.8%	92.1%	94.0%	95.8%	97.4%
	BRTF	52.5%	62.0%	94.6%	94.5%	37.9%	57.2%	74.1%	86.1%	93.3%	97.4%	86.1%	89.0%	91.6%	93.9%	96.1%
	LNDX	39.8%	51.6%	89.1%	89.1%	24.4%	46.4%	65.1%	78.7%	87.5%	93.1%	80.5%	84.2%	87.6%	90.9%	93.9%
	CRCA	50.9%	60.8%	93.7%	93.7%	35.4%	55.9%	73.4%	85.4%	92.5%	96.6%	85.3%	88.3%	91.0%	93.5%	95.9%
	CRCY	116.4%	114.1%	105.5%	105.5%	120.5%	114.4%	112.3%	108.8%	106.1%	104.0%	106.8%	105.7%	104.6%	103.4%	102.3%
Deep	TRIC	83.9%	89.8%	100.6%	100.6%	71.9%	87.4%	94.8%	98.6%	100.3%	101.3%	97.0%	97.6%	98.3%	98.8%	99.3%
	MTSX	61.9%	71.7%	94.3%	94.3%	44.3%	67.9%	80.5%	88.5%	93.5%	96.4%	89.0%	91.1%	93.2%	95.1%	96.8%
	NHSA	40.7%	48.8%	83.9%	83.9%	33.2%	44.6%	60.9%	73.2%	81.9%	88.9%	77.5%	81.4%	85.4%	89.1%	92.8%
	RBTA	68.8%	77.3%	98.9%	98.8%	56.5%	73.2%	86.6%	93.9%	98.0%	100.6%	92.5%	94.2%	95.6%	96.9%	98.1%
	RBTS	9.7%	18.0%	77.4%	77.3%	4.8%	13.4%	35.3%	55.8%	74.4%	84.0%	64.3%	70.8%	77.2%	83.3%	89.1%
	BRTA	73.2%	80.2%	99.2%	99.2%	59.8%	76.7%	88.6%	95.2%	98.6%	100.5%	93.6%	95.0%	96.3%	97.4%	98.4%
	BRTS	40.3%	54.5%	93.9%	93.9%	19.4%	48.3%	70.1%	84.1%	92.5%	97.2%	83.4%	86.8%	89.9%	92.8%	95.4%
	AVERAGE	63.5%	71.2%	95.6%	95.6%	51.3%	67.4%	80.7%	89.3%	94.7%	97.8%	89.1%	91.3%	93.3%	95.2%	96.9%
MEDIAN	60.5%	70.1%	94.6%	94.5%	44.3%	65.4%	80.5%	88.5%	93.5%	97.4%	89.0%	91.1%	93.2%	95.1%	96.8%	
MINIMUM	9.7%	18.0%	77.4%	77.3%	4.8%	13.4%	35.3%	55.8%	74.4%	84.0%	64.3%	70.8%	77.2%	83.3%	89.1%	
MAXIMUM	124.5%	120.0%	106.7%	106.7%	129.3%	120.4%	117.5%	112.0%	107.4%	105.1%	109.3%	107.7%	106.2%	104.6%	103.1%	

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	EPHEM	81.7%	87.7%	101.9%	103.1%	67.8%	84.4%	93.6%	98.8%	101.5%	102.8%	97.6%	98.2%	98.8%	99.2%	99.5%
	PLECO	53.4%	61.3%	90.9%	95.6%	36.3%	56.2%	71.4%	82.1%	89.5%	94.3%	88.1%	90.5%	92.8%	94.8%	96.7%
	NHSJ	18.6%	28.7%	76.5%	86.3%	12.2%	22.1%	43.1%	61.1%	73.9%	83.6%	74.9%	79.7%	84.2%	88.6%	92.7%
	RBTF	132.1%	127.1%	111.5%	107.9%	137.2%	127.8%	124.6%	118.3%	112.5%	109.0%	111.2%	109.3%	107.4%	105.4%	103.6%
	BNDJ	46.1%	57.1%	90.4%	95.9%	30.3%	51.5%	68.6%	80.1%	88.6%	94.7%	86.8%	89.6%	92.1%	94.4%	96.4%
	BNDF	101.2%	103.8%	107.5%	106.2%	96.1%	102.0%	106.8%	107.5%	107.6%	106.9%	103.3%	103.0%	102.5%	102.0%	101.4%
	BNDS	76.6%	91.5%	108.1%	106.8%	45.7%	86.9%	98.9%	105.1%	107.8%	107.3%	99.4%	99.8%	100.1%	100.2%	100.2%
	BRTJ	58.7%	68.8%	97.1%	100.1%	44.3%	63.4%	79.2%	89.6%	96.1%	99.4%	91.9%	93.7%	95.4%	96.8%	98.0%
	BRTF	49.8%	59.7%	92.3%	97.0%	35.9%	54.2%	70.4%	82.7%	90.8%	95.8%	88.1%	90.6%	92.9%	94.9%	96.8%
	LNDX	36.7%	48.6%	85.4%	91.8%	22.5%	42.8%	60.3%	73.9%	83.5%	90.2%	82.9%	86.3%	90.5%	92.8%	95.1%
	CRCA	48.0%	58.3%	91.2%	95.9%	33.5%	52.8%	69.5%	81.9%	89.8%	94.7%	87.4%	90.0%	92.4%	94.6%	96.6%
	CRCY	121.9%	119.3%	109.4%	106.7%	126.2%	119.8%	117.5%	113.6%	110.2%	107.4%	108.5%	107.0%	105.6%	104.2%	102.8%
Deep	TRIC	83.4%	89.7%	100.8%	102.1%	71.6%	87.0%	94.4%	98.4%	100.5%	101.7%	97.7%	98.0%	98.8%	99.2%	99.5%
	MTSX	58.8%	68.7%	91.4%	94.8%	42.1%	64.5%	76.6%	84.9%	90.4%	93.9%	89.7%	91.7%	93.6%	95.3%	97.7%
	NHSA	36.2%	44.3%	77.5%	85.5%	29.5%	39.6%	54.3%	66.1%	75.5%	83.3%	78.6%	82.5%	86.3%	89.9%	93.4%
	RBTA	67.3%	76.3%	98.4%	101.2%	55.3%	71.6%	84.8%	92.5%	97.4%	100.6%	94.0%	95.4%	96.6%	97.7%	98.6%
	RBTS	8.2%	16.4%	70.5%	79.8%	4.0%	11.3%	30.0%	48.8%	67.3%	77.6%	69.1%	74.9%	80.3%	85.4%	90.5%
	BRTA	71.9%	79.4%	98.8%	101.0%	58.7%	75.3%	87.1%	94.1%	98.1%	100.5%	95.0%	96.2%	97.2%	98.1%	98.8%
	BRTS	37.9%	52.3%	91.4%	96.5%	18.3%	45.4%	66.1%	80.4%	89.7%	95.4%	86.1%	89.1%	91.8%	94.1%	96.3%
AVERAGE		62.6%	70.5%	94.3%	97.6%	50.9%	66.2%	78.8%	87.4%	93.2%	96.8%	91.1%	92.9%	94.7%	96.2%	97.6%
MEDIAN		58.7%	68.7%	92.3%	97.0%	42.1%	63.4%	76.6%	84.9%	90.8%	95.8%	89.7%	91.7%	93.6%	95.3%	97.7%
MINIMUM		8.2%	16.4%	70.5%	79.8%	4.0%	11.3%	30.0%	48.8%	67.3%	77.6%	69.1%	74.9%	80.3%	85.4%	90.5%
MAXIMUM		132.1%	127.1%	111.5%	107.9%	137.2%	127.8%	124.6%	118.3%	112.5%	109.0%	111.2%	109.3%	107.4%	105.4%	103.6%

If seasonal Index B value is < 80% of unregulated value, table shows a "1". If index B value is > 120% of unregulated, table shows a ".01".

Season **WINTER**

December - 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	EPHEM				1										
	PLECO	1	1		1	1	1	1							
	NHSJ	1	1	1	1	1	1	1	1	1					
	RBTF	0.01	0.01	0.01		0.01	0.01	0.01	0.01	0.01	0.01				
	BNDJ	1	1			1	1	1	1						
	BNDF														
	BNDS	1				1									
	BRTJ	1				1	1	1							
	BRTF	1	1			1	1	1	1						
	LNDX	1	1	1		1	1	1	1	1					
	CRCA	1	1			1	1	1	1						
	CRCY	0.01	0.01	0.01		0.01	0.01	0.01	0.01	0.01					
Deep	TRIC				1										
	MTSX	1			1	1	1	1							
	NHSA	1	1	1	1	1	1	1	1	1					
	RBTA	1				1	1								
	RBTS	1	1	1		1	1	1	1	1	1				
	BRTA	1				1	1								
	BRTS	1	1			1	1	1	1						
Total out of 19	14.02	9.02	4.02	0	16.02	13.02	11.02	10.02	4.02	3.01	1	0	0	0	0
total < 80%	14	9	4	0	16	13	11	10	4	3	1	0	0	0	0
total > 120%	2	2	2	0	2	2	2	2	2	1	0	0	0	0	0
Total out of 19	16	11	6	0	18	15	13	12	6	4	1	0	0	0	0
< 80%															
% for just this season	73.7%	47.4%	21.1%	0.0%	84.2%	68.4%	57.9%	52.6%	21.1%	15.8%	5.3%	0.0%	0.0%	0.0%	0.0%
% weighted equally by season	18.4%	11.8%	5.3%	0.0%	21.1%	17.1%	14.5%	13.2%	5.3%	3.9%	1.3%	0.0%	0.0%	0.0%	0.0%
> 120%															
% for just this season	10.5%	10.5%	10.5%	0.0%	10.5%	10.5%	10.5%	10.5%	10.5%	5.3%	0.0%	0.0%	0.0%	0.0%	0.0%
% weighted equally by season	2.6%	2.6%	2.6%	0.0%	2.6%	2.6%	2.6%	2.6%	2.6%	1.3%	0.0%	0.0%	0.0%	0.0%	0.0%

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	EPHEM	80.9%	99.5%	102.2%	104.9%	67.2%	83.6%	92.8%	98.3%	101.7%	103.4%	100.3%	100.5%	100.5%	100.5%	100.4%
	PLECO	48.6%	78.2%	85.9%	99.7%	33.0%	51.2%	65.1%	75.7%	84.1%	90.1%	92.2%	93.9%	95.4%	96.8%	97.9%
	NHSJ	14.8%	53.5%	65.5%	89.6%	9.7%	17.6%	34.3%	49.8%	62.7%	73.3%	80.7%	84.7%	88.3%	91.5%	94.5%
	RBTF	153.6%	134.4%	126.8%	111.9%	159.5%	148.6%	144.9%	136.8%	128.4%	122.7%	115.9%	113.0%	110.1%	107.4%	104.9%
	BNDJ	41.5%	75.6%	84.9%	98.8%	27.3%	46.4%	61.9%	73.0%	82.7%	90.2%	91.4%	93.4%	95.2%	96.7%	98.0%
	BNDF	109.0%	115.8%	115.9%	109.0%	103.5%	109.8%	115.0%	115.8%	116.0%	115.0%	108.0%	106.8%	105.6%	104.2%	102.8%
	BNDS	78.8%	109.5%	112.4%	107.1%	47.0%	89.3%	101.7%	108.6%	112.0%	111.6%	104.4%	103.9%	103.4%	102.7%	101.9%
	BRTJ	56.1%	88.9%	95.7%	103.6%	42.3%	60.6%	75.7%	86.5%	94.3%	98.7%	97.1%	98.1%	99.0%	99.6%	99.9%
	BRTF	45.7%	79.7%	88.0%	100.9%	33.0%	49.7%	64.6%	76.9%	86.2%	92.5%	92.7%	94.4%	95.8%	97.1%	98.2%
	LNDX	31.6%	67.7%	77.3%	94.6%	19.4%	36.9%	52.0%	64.7%	75.1%	83.0%	87.4%	89.9%	92.4%	94.6%	96.6%
	CRCA	43.5%	77.8%	85.8%	98.3%	30.3%	47.8%	62.9%	75.0%	84.1%	90.3%	91.8%	93.8%	95.4%	96.9%	98.1%
CRCY	137.6%	126.5%	121.8%	110.9%	142.4%	135.3%	132.6%	127.8%	123.0%	118.7%	112.8%	110.5%	108.3%	106.1%	104.0%	
Deep	TRIC	82.5%	98.6%	100.7%	104.2%	70.8%	86.0%	93.3%	97.7%	100.3%	101.9%	100.0%	100.1%	100.2%	100.2%	100.2%
	MTSX	54.0%	80.5%	86.3%	96.6%	38.6%	59.3%	70.4%	78.6%	85.0%	89.4%	92.3%	93.9%	95.7%	96.7%	97.9%
	NHSA	28.9%	56.3%	65.3%	85.7%	23.5%	31.6%	43.5%	53.7%	63.0%	71.6%	80.6%	84.2%	87.8%	91.0%	94.3%
	RBTA	65.1%	91.7%	97.3%	103.8%	53.4%	69.3%	82.1%	90.1%	96.0%	100.3%	97.8%	98.5%	99.0%	99.2%	99.3%
	RBTS	6.1%	42.3%	58.0%	84.1%	3.0%	8.4%	22.3%	37.5%	54.8%	65.4%	76.4%	80.9%	85.2%	89.2%	95.3%
	BRTA	69.9%	93.5%	97.8%	103.2%	57.1%	73.2%	84.7%	92.0%	96.9%	100.1%	98.2%	98.8%	99.0%	99.5%	99.7%
	BRTS	34.3%	76.9%	86.5%	99.0%	16.5%	41.0%	59.8%	73.8%	84.3%	91.4%	91.6%	93.6%	95.4%	96.8%	98.1%
AVERAGE	62.2%	86.7%	92.3%	100.3%	51.5%	65.6%	76.8%	84.9%	91.1%	95.2%	95.3%	96.5%	97.4%	98.2%	99.1%	
MEDIAN	54.0%	80.5%	88.0%	100.9%	38.6%	59.3%	70.4%	78.6%	86.2%	92.5%	92.7%	94.4%	95.8%	97.1%	98.2%	
MINIMUM	6.1%	42.3%	58.0%	84.1%	3.0%	8.4%	22.3%	37.5%	54.8%	65.4%	76.4%	80.9%	85.2%	89.2%	94.3%	
MAXIMUM	153.6%	134.4%	126.8%	111.9%	159.5%	148.6%	144.9%	136.8%	128.4%	122.7%	115.9%	113.0%	110.1%	107.4%	104.9%	