

### **RipStream PCW Exceedances**

The following tables on pages 2 & 3 contain information on PCW exceedance patterns. The first table indicates which sites had year-pair comparisons (a pre-harvest year compared with a post-harvest year) of temperatures in the treatment reach where PCW exceedances were detected. That is, for Site 5103, there were two comparisons, and according to our analysis technique one of the two exceeded the PCW.

The second table includes the same information, but breaks it out by the number of days out of the total that the PCW was exceeded. Again, for 5103, we have the entries "0, 18/88". One out of the two years had no exceedances, so it received a zero. The one that did exceed did so for 18 out of 88 days.

Individual estimates of the exceedances are tricky to provide, given that there are over 3,000 of them. From the effects analysis we have what are called partial residual estimates of temperature change. These are the estimated change in temperature with variables like stream length, gradient, etc. controlled for. We provide these general site temperature increase estimates on page 4.

## NUMBER OF YEAR-PAIR PCW EXCEEDANCES DETECTED PER SITE

<b>STATE SITES</b>	
Site	Fraction of Comparisons Exceeding PCW
5101	0/1
5102	0/6
5103	1/2
5104	0/6
5201	0/6
5202	0/6
5253	2/6
5301	4/4
5354	0/8
5355	0/4
5561	2/8
7452	1/2
7453	0/2
7801	0/4
7803	0/8

<b>PRIVATE SITES</b>	
Site	Fraction of Comparisons Exceeding PCW
5106	0/6
5203	1/1
5204	3/4
5205	4/4
5206	1/4
5207	1/4
5302	0/6
5502	0/4
5503	0/4
5506	3/4
5556	4/6
5557	2/4
5558	2/6
5559	2/2
5560	2/4
7353	0/4
7454	0/4
7854	2/2

 = PrePost Treatment Reach Exceedance

 = # Exceedances / # Comparisons

## NUMBER OF 7-DAY PCW EXCEEDANCES DETECTED

<u>State Sites</u>	<u>Timing of Comparisons</u>
Site	PrePost
5101	0
5102	0,0,0,0,0,0
5103	0, 18/88
5104	0,0,0,0,0,0
5201	0,0,0,0,0,0
5202	0,0,0,0,0,0
5253	55/76, 64/72, 0,0,0,0
5301	85/85, 32/89, 17/85, 9/91
5354	0,0,0,0
5355	0,0,0,0
5561	26/105, 21/104, 0,0,0,0,0,0
7452	45/72, 0
7453	0,0
7801	0,0,0,0
7803	0,0,0,0,0,0,0,0

<u>Private Sites</u>	<u>Timing of Comparisons</u>
Site	PrePost
5106	0,0,0,0,0,0
5203	4/61
5204	5/94, 13/94, 60/60
5205	61/61, 76/78, 61/61, 76/78
5206	78/85, 0,0,0
5207	14/74, 0,0,0
5302	0,0,0,0,0,0
5502	0,0,0,0
5503	0,0,0,0
5506	17/75, 5/75, 33/102, 0
5556	17/107, 7/107, 12/106, 23/107, 0, 0
5557	0, 0, 54/102, 2/96
5558	3/100, 1/102, 0,0
5559	104/104, 76/102
5560	92/102, 5/107, 0,0
7353	0,0,0,0
7454	0,0,0,0,
7854	6/68, 58/68

	= PrePost Treatment Reach Exceedance
23/33	= Number of PCW exceedances/Number of 7-day averages

State Sites	Temperature Change	Private Sites	Temperature Change
5101	--	5106	0.58
5102	-0.09	5203	0.81
5103	-0.22	5204	0.90
5104	-0.52	5205	2.11
5201	-0.15	5206	0.50
5202	-0.48	5207	0.32
5253	0.67	5302	-0.17
5301	1.03	5502	-0.28
5354	0.04	5503	-0.31
5355	-0.17	5506	0.66
5561	-0.21	5556	1.23
7452	1.30	5557	1.51
7453	--	5558	0.18
7801	-0.92	5559	1.83
7803	0.14	5560	1.02
		7353	-0.05
		7454	0.70
		7854	2.88