

2002 DWORSHAK TEMPERATURE OPERATIONS REPORT

Prepared for June 18, 2003 TMT meeting

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The Dworshak temperature releases occurred for 71 days beginning July 3, 2002 and ending September 10, 2002. As the following table shows, temperatures were maintained between 45 and 49.5 degrees. The daily temperatures for Dworshak tailwater, Lower Granite tailwater and Lower Granite forebay were plotted and are shown as Charts 1, 2 and 3. The vertical lines drawn on the two charts correlate with the dates of the temperatures releases from Dworshak. As Chart 2 and 3 shows, the cooler water releases from Dworshak were effective in lower the water temperatures at Lower Granite.

2002 DWORSHAK TEMPERATURE OPERATIONS			
DATE	REQUESTED OPERATION	DURATION (Days)	ACTUAL TEMPERATURES ACHIEVED
7/3/2002	Request near 47 degree water to be released.	22	47.6
7/25/2002	Request near 45 degree water to be released.	14	45.6
8/7/2002	Request near 48 degree water to be released	9	48.6
8/16/2002	Request between 48 and 49.5 degree water to be released	26	48.8
9/10/2002	Maintain the current configuration of 1 & 3 in undershot and #2 in overshot modes. Unit 2 goes off at midnight.		
	TOTAL	71	

CHART 1

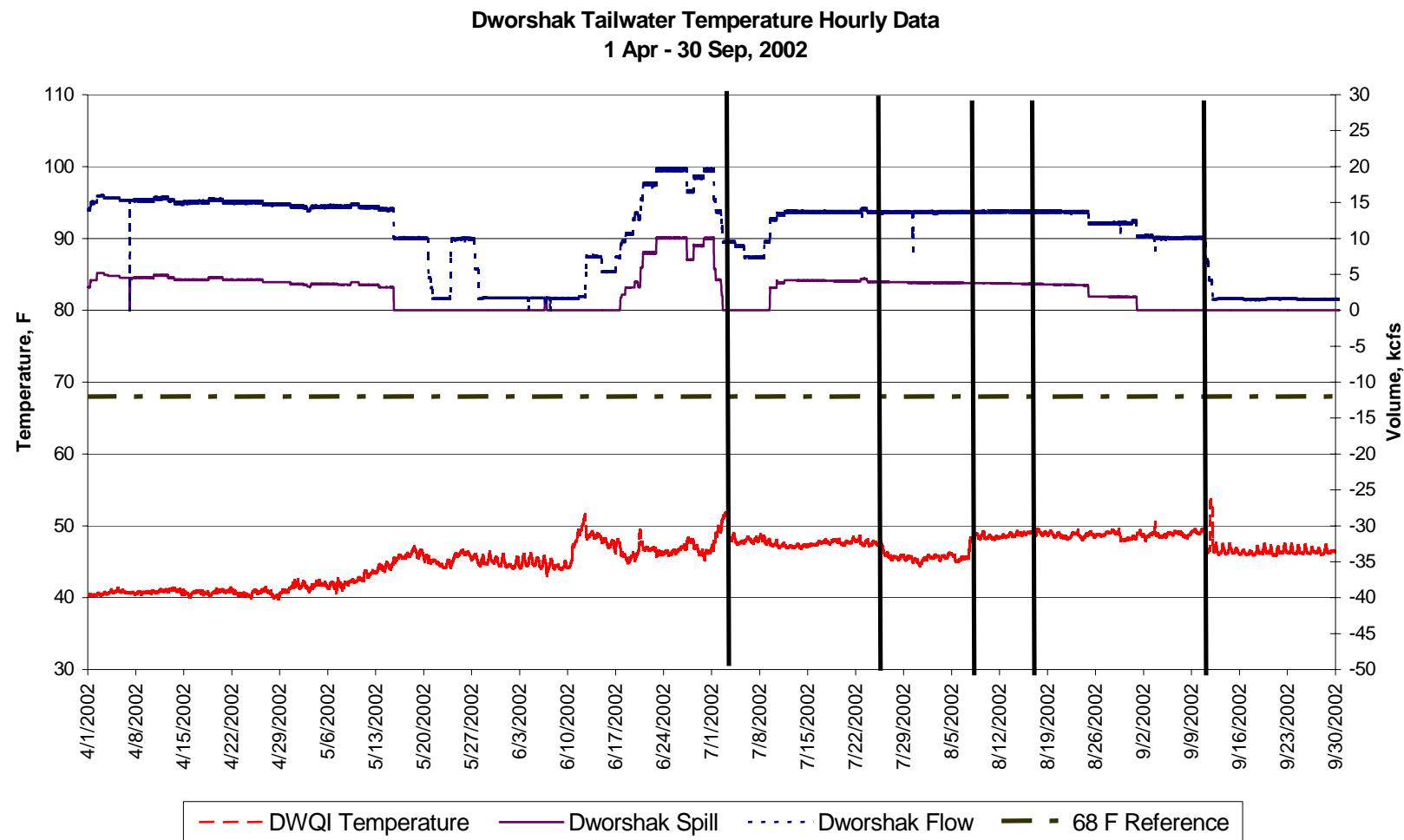


CHART 2

Lower Granite Forebay Temperature Hourly Data
1 Apr - 30 Sep, 2002

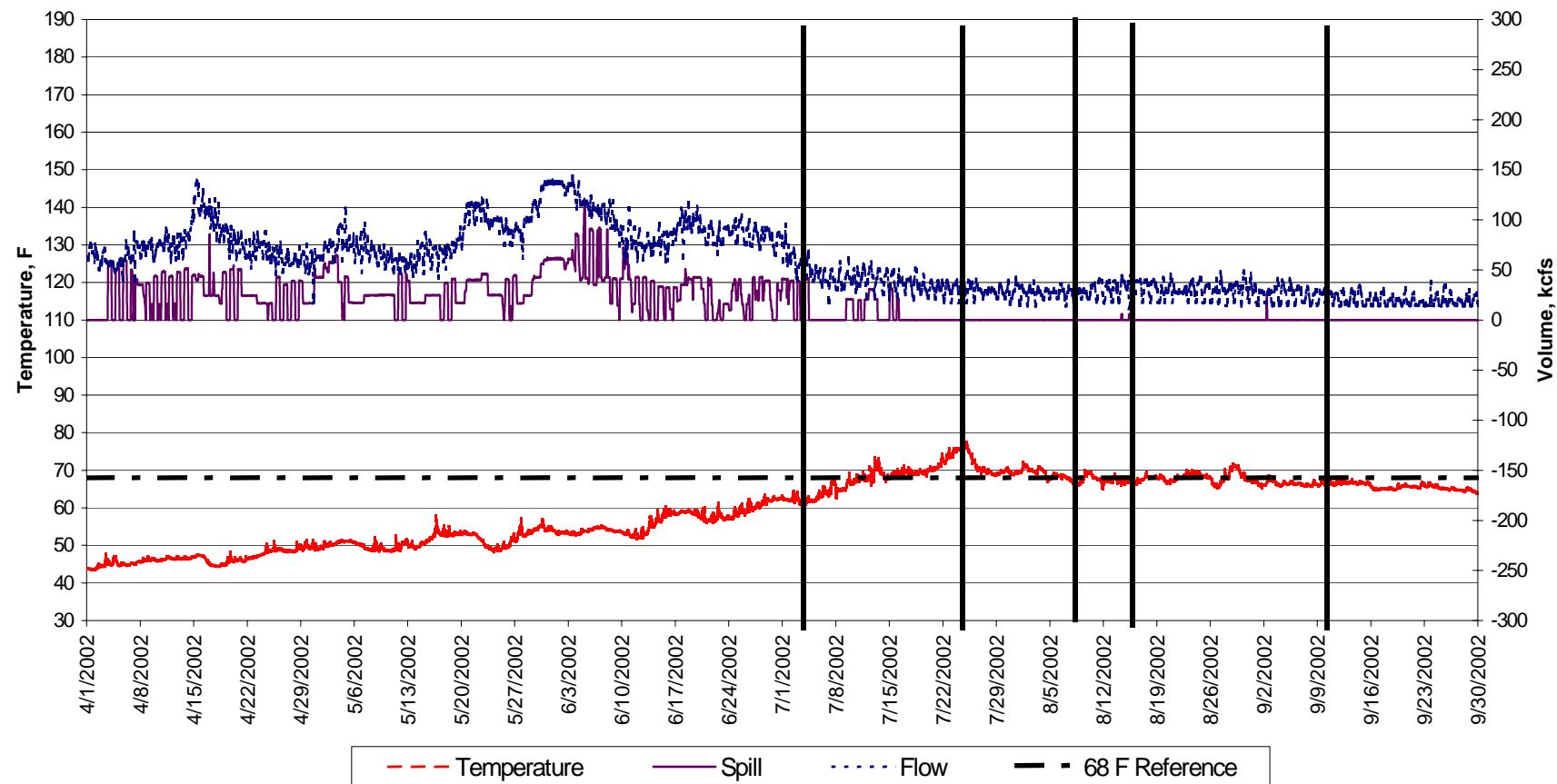


CHART 3

Lower Granite Tailwater Temperater Hourly Data
1 Apr - 30 Sep, 2002

