

# ALBERTA ENVIRONMENT

# Highwood River Weekly Streamflow Report

Issued by: Water Management Operations

Date of Issue: December 5, 2006

Date dd/mm/yy	Natural Flow of the Highwood River above Women's Coulee Diversion	Highwood (Women's Coulee) Diversion from the Highwood River		Little Bow Canal Diversion from the Highwood River		Total diversion from the Highwood River		Total Diversion as a percent of the Highwood River Natural Flow	Highwood River Downstream of the Little Bow Canal
	CMS	CMS	Dam <sup>3</sup> per day	CMS	Dam <sup>3</sup> per day	CMS	Dam <sup>3</sup> per day	%	CMS
28-Nov-06	6.69	0.00	0	0.51	44	0.51	44	7.6%	6.18
29-Nov-06	9.51	0.00	0	0.54	47	0.54	47	5.7%	8.96
30-Nov-06	10.89	0.00	0	0.53	46	0.53	46	4.9%	10.36
1-Dec-06	13.62	0.00	0	0.54	47	0.54	47	4.0%	13.08
2-Dec-06	16.72	0.00	0	0.56	48	0.56	48	3.3%	16.17
3-Dec-06	16.81	0.00	0	0.56	49	0.56	49	3.3%	16.25
4-Dec-06	16.52	0.00	0	0.56	49	0.56	49	3.4%	15.96

Total diversion to date since January 1, 2006 = **28,822** Dam<sup>3</sup>

~ Flow data are less accurate in the winter months and sometime estimated values are used. This is due to ice formation and ice cover on the water level

\* **Shift Correction** - Flow rates at stations are routinely calibrated by field staff during the year.

The last measurement was on:  
 25-Jul for the Highwood Diversion Canal near Headgates  
 27-Nov for the Little Bow Canal Diversion from the Highwood River  
 27-Nov for the Highwood River below the Little Bow Canal

Data are adjusted or shift-corrected both forward from this date and back to the date of the previous measurement.  
 All flow rates reported above are the daily averages. All data reported above are preliminary and subject to revision.