



Files: 77420-01/Data
35250-01

March 22, 2007

Mr. Bruno Tassone
Monitoring and Systems Branch
Environment Canada
700 - 1200 W 73rd Ave
Vancouver BC V6P 6H9

Dear Bruno:

Re: Data Requirements for the 2007 Freshet

As has been our custom for many years, the River Forecast Centre of the Ministry of Environment will require near real-time water level and streamflow data to assist in streamflow forecasting and flood warning during the upcoming freshet season. We would like the data starting on April 1, continuing until the freshet is over, probably in late June. Manual observations are required at two stations:

- North Thompson River at Birch Island (08LB047).
- Shuswap Lake at Canoe (08LE019)

We would like observations to start April 1st. It would be appreciated if all readings could be made at approximately 8:00 am, and relayed to us not later than 11:00 am each working day. If conditions become critical, it may be necessary to increase frequency of observations and reporting, and to obtain readings for the weekend days.

Data requirements are shown in the attached table.

We anticipate that the majority of the data will again be transmitted electronically. Please advise me at 250-387-9472 if you foresee any problems in providing the data requested. Thank you for your continuing cooperation.

Yours truly,

Allan Chapman, P. Geo.,
Head, River Forecast Centre,

cc: Lynne Campo

**Ministry of Environment River Forecast
Centre**

Science and
Information Branch

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Victoria BC

MINISTRY OF ENVIRONMENT

RIVER FORECAST CENTRE

HYDROMETRIC FRESHET REQUIREMENTS FOR 2007

FRASER THOMPSON		Stage	Flow	
08MH024	Fraser River at Mission	S		
08MF005	Fraser River at Hope	S	Q	
08MF040	Fraser River above Texas Creek	S	Q	
08MC018	Fraser River near Marguerite	S	Q	
08KE018	Fraser River at South Fort George	S		
08KB001	Fraser River at Shelley	S	Q	
08KA004	Fraser River at Hansard	S	Q	
08KA005	Fraser River at McBride	S	Q	
08KB003	McGregor River at Lower Canyon	S	Q	
08JA017	Nechako River below Cheslatta Falls	S	Q	
08JC002	Nechako River at Isle Pierre	S	Q	
08KH006	Quesnel River near Quesnel	S	Q	
08KH001	Quesnel River at Likely		Q	
08KH011	Quesnel Lake near Likely	S		
08LF051	Thompson River near Spences Bridge	S	Q	
08LF085	Kamloops Lake near Kamloops	S		
08LF023	Thompson River at Kamloops	S		
08LB064	North Thompson River at McLure	S	Q	
08LB047	North Thompson River at Birch Island	S	Q	Obs
08LB038	Blue River near Blue River	S	Q	
08LA001	Clearwater River near Clearwater	S	Q	
08LE031	South Thompson River at Chase	S	Q	
08LE109	Shuswap Lake at Canoe	S		Obs
08LC002	Shuswap River at Enderby	S	Q	
08LG006	Nicola River near Spences Bridge	S	Q	
08LG046	Nicola Lake near Nicola	S		
08LG065	Nicola River at Outlet of Nicola Lake	S	Q	
08MG012	Harrison Lake near Harrison Hot Springs	S		
08MG005	Lillooet River near Pemberton	S	Q	

MINISTRY OF ENVIRONMENT

RIVER FORECAST CENTRE

HYDROMETRIC FRESHET REQUIREMENTS FOR 2007 (cont.)

COLUMBIA KOOTENAY		Stage	Flow	
08NE049	Columbia River at Birchbank	S	Q	
08NE126	Arrow Reservoir Outflow		Q	
08NE102	Arrow Lake at Fauquier	S		
08ND025	Revelstoke Project Outflow		Q	
	Revelstoke Reservoir	S		
	Mica Dam Discharge		Q	
08ND017	Kinabasket Lake at Mica Dam	S		
08NB005	Columbia River at Donald	S	Q	
08ND013	Illecillwaet River at Greeley	S	Q	
08NA006	Kicking Horse River at Golden	S	Q	
08NJ158	Kootenay Lake Outflow		Q	
08NH064	Kootenay Lake at Queens Bay	S		
08NG065	Kootenay River at Fort Steele	S	Q	
08NF002	Kootenay River at Canal Flats	S	Q	
08NE074	Salmo River near Salmo	S	Q	
08NK002	Elk River at Fernie	S	Q	
08NJ013	Slocan River near Crescent Valley	S	Q	

OKANAGAN KETTLE SIMILKAMEEN		Stage	Flow	
08NM127	Okanogan River near Oroville	S	Q	
08NM073	Osoyoos Lake near Oroville	S		
08NM085	Okanagan River near Oliver	S	Q	
08NM050	Okanagan River near Penticton	S	Q	
08NM083	Okanagan Lake at Kelowna	S		
08NM065	Vernon Creek at Outlet of Kalamalka Lk.	S	Q	
08NM143	Kalamalka Lake at Vernon Pumphouse	S		
08NM116	Mission Creek near East Kelowna	S	Q	
08NL022	Similkameen River near Nighthawk	S	Q	
08NL038	Similkameen River near Hedley	S	Q	
08NL007	Similkameen River at Princeton	S	Q	
08NL071	Tulameen River below Vuich Creek	S	Q	

NORTHERN		Stage	Flow	
08EF001	Skeena River at Usk	S	Q	
08EE004	Bulkley River at Quick	S	Q	
07EF001	Peace River at Hudson Hope	S	Q	
08EF002	Williston Lake at Lost Cabin Creek	S		