



## Great Plains Canal

The 17 MAFY diverted from the northern flow into the Peace River will be joined with 33 MAFY collected from the Peace, Athabasca, and other tributaries of the Mackenzie River Basin or the Mackenzie itself, whose total annual runoff is 230 MAFY. This 50 MAFY will be delivered to the Prairie provinces, the Missouri River, the Mississippi, and the Great Lakes.

Canals will connect the Peace River to Lesser

Slave Lake, to the Athabasca, Saskatchewan, and Qu'Appelle rivers. Sufficient water supplies of 20 MAFY will be drawn from the canal for the needs of Alberta, Saskatchewan, and Manitoba; the canal will also be capable of diverting flood waters in the region to areas of drought. A canal branching off the Qu'Appelle River will connect with the Missouri River's Lake Sakakawea, as well as the Mississippi River. The main canal will continue to Lake Winnipeg and Lake Superior, delivering up to 20 MAFY. Additional plans, such as one proposing diversion of 20 MAFY of runoff from Quebec into the Great Lakes, could be incorporated into the final design.