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Canada's winter air! Canada is famous for many things, but to the weathermen as the source of Polar Canadian air which is freely exported to the United States. The ground is covered with snow and ice and these with free radiation give well recognized properties to the overlying air which is cold and dry. The air next the ground is, indeed, often colder than that of somewhat higher elevation resulting in great stability, that is, no tendency to rise. When this Polar Canadian air moves south, the result is a cold wave for the United States which is felt as far south as the Gulf. There heat and moisture are picked up often resulting in thunderstorms with heavy rainfall.

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