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Chinook winds! In sub-zero weather the cattle in the chinook country keep on their feet as they nose the snow aside to get the grass underneath. Nothing can be more welcome to them than the warm, dry chinook winds licking up the snow and allowing them to lie down. These winds start on the western side of the mountains and cool slowly as they go, due to the liberation of the latent heat of condensation as clouds form and rain or snow falls. Upon descending the eastern side, the warming is more rapid than the previous cooling and the air is also much drier. The winds near the surface, however, stay cool until all the snow is evaporated.
