

FORECAST FOR MGM ENERGY NORTH ELLICE PROJECT AREA ISSUED BY TRUE NORTH WEATHER CONSULTING AT 9:30 AM WEDNESDAY MARCH 4, 2009.

WEATHER ADVISORY...BLIZZARD/WHITEOUT DEVELOPING OVERNIGHT/THURSDAY MORNING.....

A ridge of high pressure will maintain another quiet weather day over the North Ellice Project Area today. Winds will be light and variable throughout the day. Recent satellite imagery shows a shallow band of ice-crystal type cloud cover streaming over portions of the Tuktoyaktuk Peninsula and Mackenzie Delta this morning. This cloud may affect the Project Area from time to time with a bit of light snow or ice crystal activity possible. Visibility will remain good, however, with only a very light dusting of snow expected, if anything.

Winds will show a marked increase out of the southeast near midnight as a storm brews over Alaska. Reduced visibility in blowing snow will materialize over the Project Area in the overnight period, with blizzard/whiteout conditions developing over exposed areas and winter roads near 3am. High wind chill will also re-develop this evening and overnight. Caution.

Winds will continue to strengthen out of the southeast Thursday morning, with extensive blizzard/whiteout conditions expected across the North Ellice Project Area throughout the day.

TODAY: A few clouds. Chance of light snow this morning and early afternoon.

MAX TEMP	-27
PROB PRECIP	30%
WIND (km)	Winds variable NW-SE 10-15
VISIBILITY miles	Local 3-6+S- or IC this morning and early afternoon
WIND CHILL	-43 this morning improving to -38 this afternoon.

TONIGHT: Blowing snow developing after midnight. **Whiteout developing over exposed areas and winter roads.**

MIN TEMP	Temps falling to -32 this evening then rising to -28 by morning
PROB PRECIP	10%
WIND (km)	Rising to SE 25G35 near midnight and to SE 35G50 by 6am
VISIBILITY miles	2-6BS developing after midnight. Conditions worsening overnight with frequent ½-2BS developing over open areas by about 3am.
WIND CHILL	-40 to -45

THURSDAY: Blizzard/whiteout.

MAX TEMP	-21
PROB PRECIP	10%
WIND (km)	Strengthening to SE 50G70 by noon
VISIBILITY miles	Extensive 0-2BS by noon
WIND CHILL	Improving to -37

OUTLOOK

POTENTIAL FOR TWO DAY BLIZZARD...CAUTION...

Conditions will be tricky to forecast Thursday night through early Friday afternoon as the Alaskan storm makes its way across the Yukon Coast and Tuktoyaktuk Peninsula. Snow will begin to fall across the region Thursday evening and continue Friday. At the same time, however, winds will ease off by Friday morning as the deep low pressure system tracks right over the North Ellice Project Area.

As a result, we could see a brief improvement in conditions Friday morning. Any improvement, however, will be short-lived as powerful north winds are slated to slam across the Project Area Friday afternoon with blizzard/whiteout conditions rapidly moving back into the forecast area as the disturbance moves eastward.

While overall weather conditions will likely improve Saturday morning, blowing snow is still in the forecast as brisk northerly winds continue to plague the forecast area.

A very cold air mass will slump back across the North Ellice area Sunday. While winds will be lighter than Friday/Saturday, they will still be of concern Sunday – with local blowing snow and very high wind chill values expected.

END/Archibald

Common Abbreviations Used in the Forecast:

WIND	N = north	E = east	S = south	W = west
	NW = northwest	NE = northeast	G = gust 40G60 = 40 gusting 60	
VISIBILITY AND PRECIPITATION	S- = light snow	BS = blowing snow	S-BS = light snow and blowing snow	1-3BS = 1 to 3 miles in blowing snow
	1/4-2BS = ¼ mile to 2 miles in blowing snow	BS+ = heavy blowing snow	S+ = heavy snow	
	IC = ice crystals			