

MEMORANDUM

To: S. McAlpine
From: K. Morton
CC: D. Cooper
Date: December 20, 1988
Subject: Average and Extreme Temperatures at Yellowknife

The attached graphs have been produced from data contained in the Canadian Climate Normals for the Yellowknife area. Averages shown are from the period 1951 to 1980. Temperature extremes are from the period 1951 to 1985.

I have included graphs showing degree days above and below zero for both the Yellowknife and Timmins areas. Degree days are defined as a measure each day of the departure of temperature from some reference temperature, in this case 0 degrees Celcius, and are often regarded as a good way to represent the cumulative effect of temperature.

When considering the implications of an extended reclaim season, it is interesting to note that the number of degree days below zero for Yellowknife in April is just over half the number for November. It is also interesting that the number of degree days below zero for Yellowknife in November is very similar to that for Timmins in December.

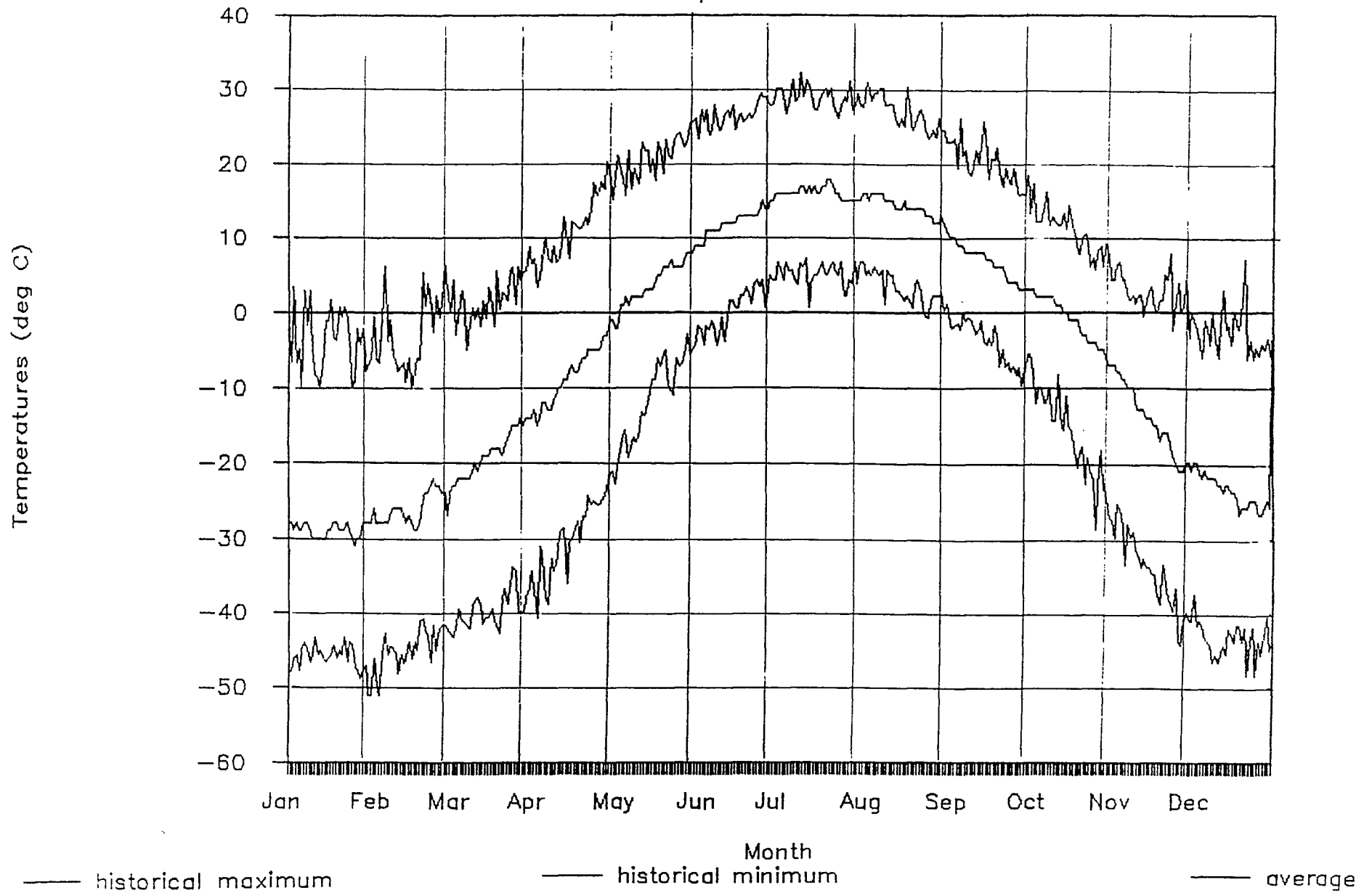


K. Morton

Giant Yellowknife Mines

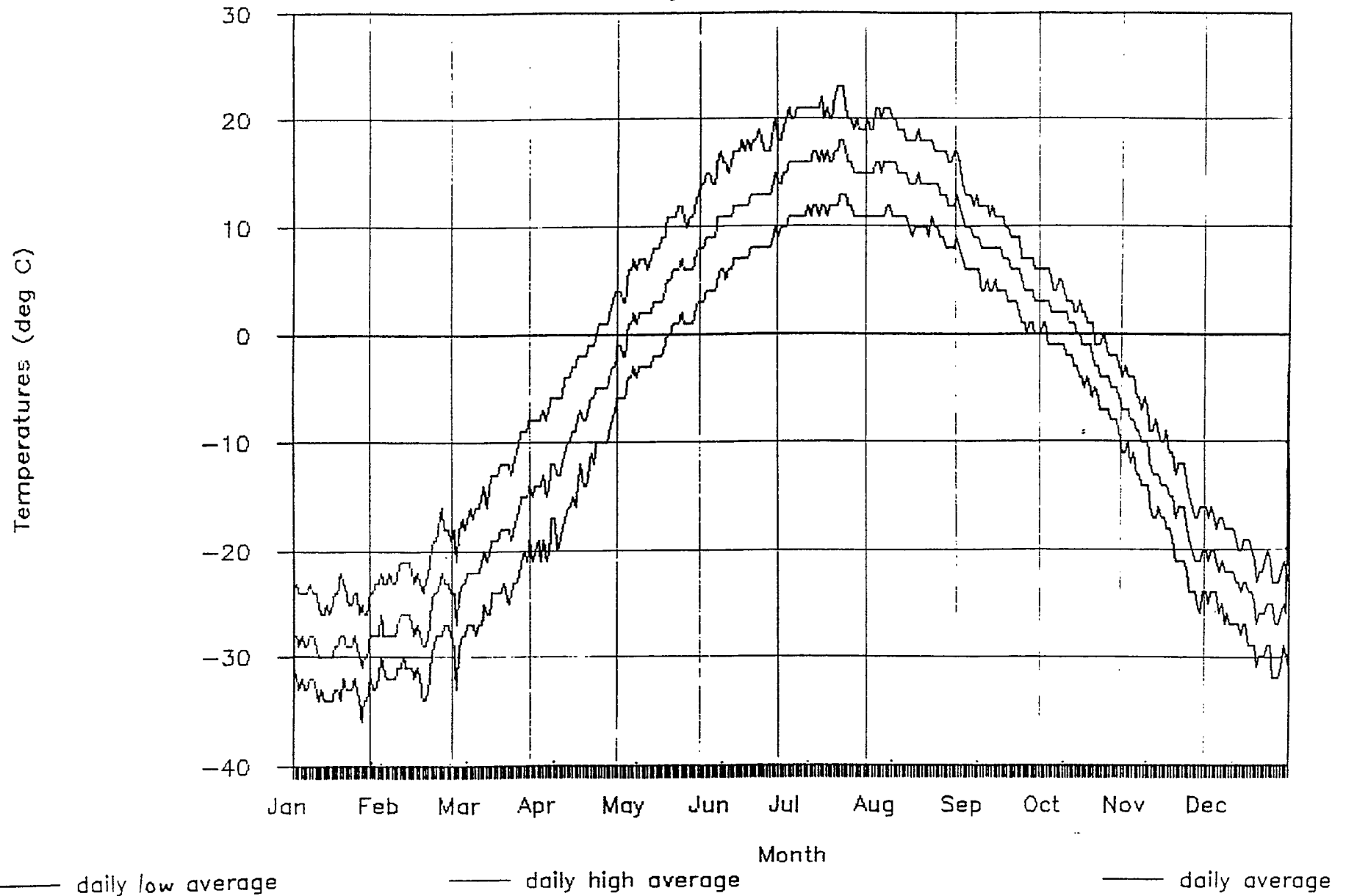
Temperature Extremes

28



Giant Yellowknife Mines

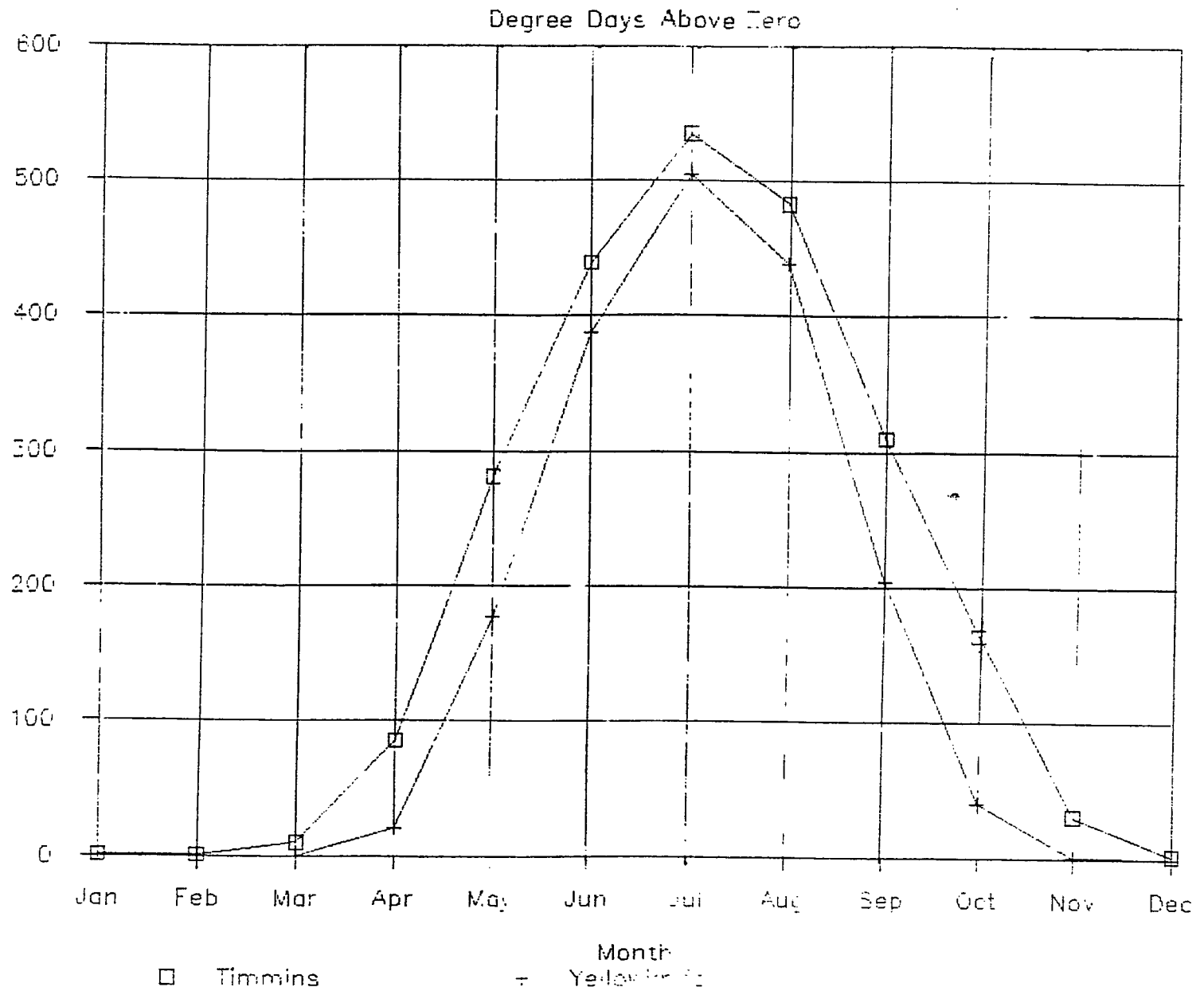
Daily Average Temperatures



Giant Yellowknife Mines Ltd

4

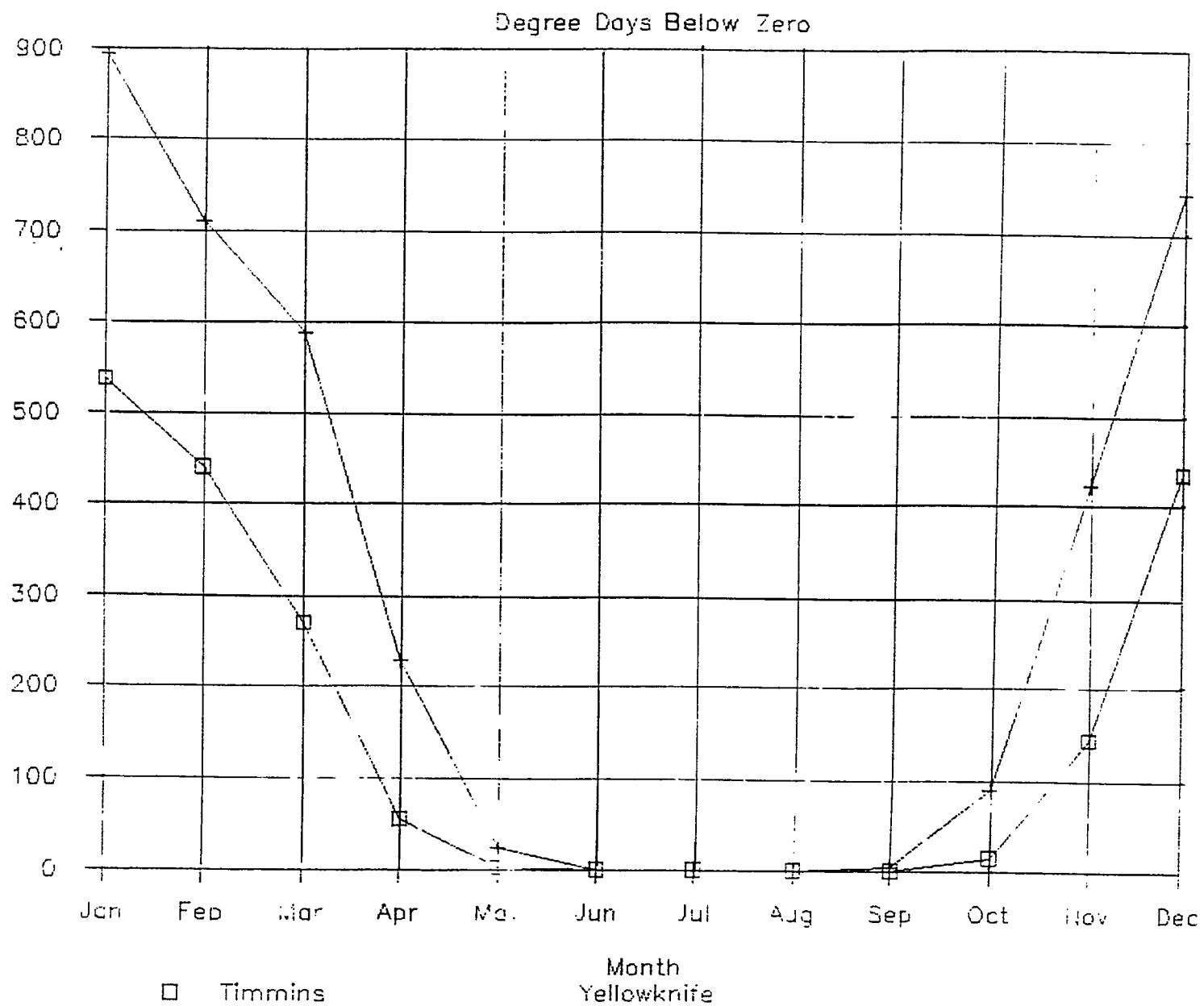
Temperatures (deg C)



Giant Yellowknife Mines Ltd

5

Temperatures (deg C)



GIANT YELLOWKNIFE MINES LTD

AVERAGE DAILY TEMPERATURE

6

