

STAR from the EC Perspective

According to

Edward Hudson

Arctic and Marine Meteorologist

Prairie and Northern Region

Environment Canada

40 and working on more... years of with EC

It's good to be so involved in a weather science study / field

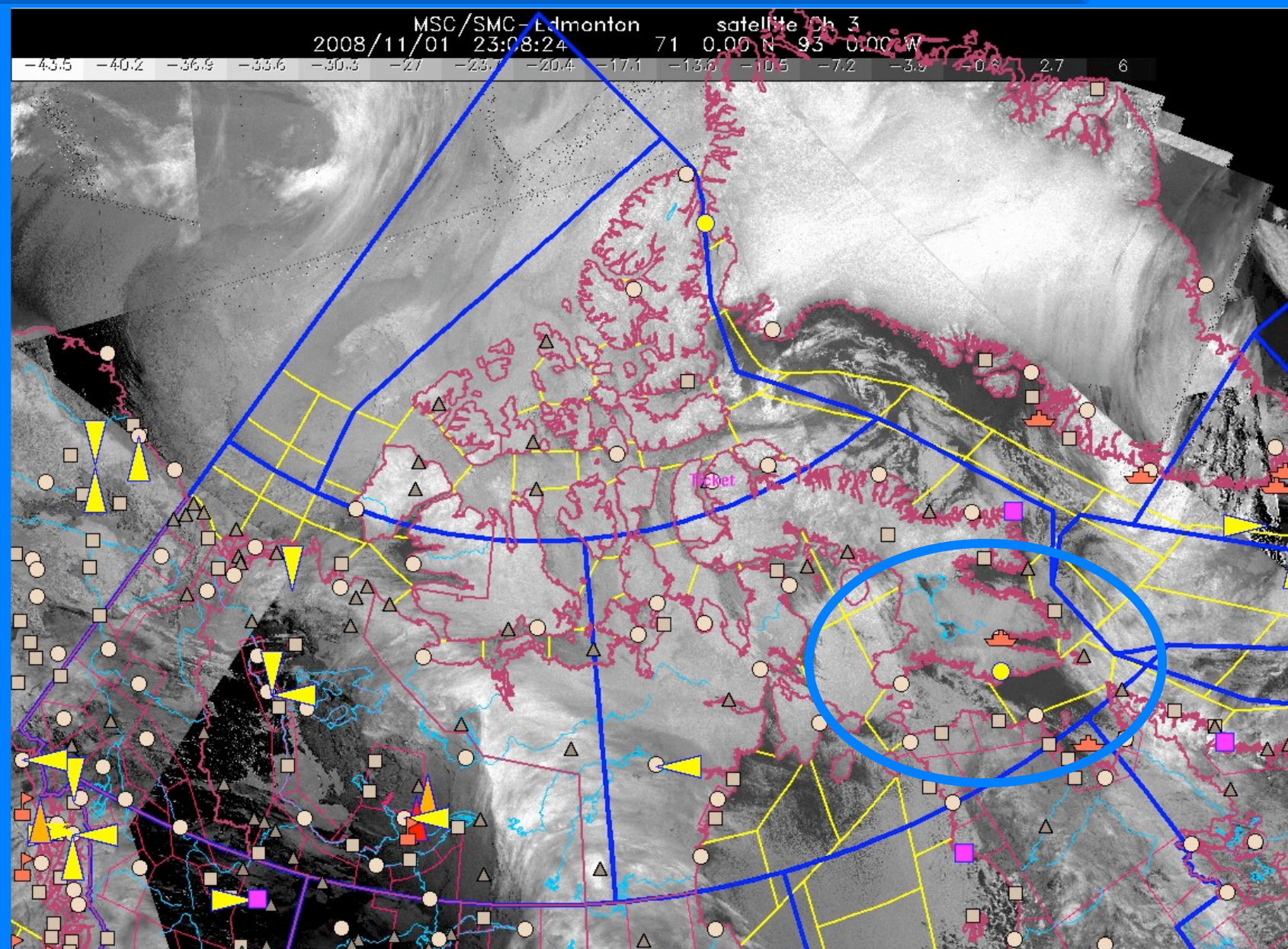
data gathering in the north... and to work again with Ron Stewart, John Hanesiak, Kent Moore,

Peter Taylor, David Hudak, et al and a fresh batch of scientists



We're pleased that Iqaluit / Southern Baffin was the focus.

We would have been delighted if the entire suite of Baffin – and the northern Quebec Hudson Strait/ Ungava Bay - communities had gotten the STAR treatment



Opportunity, mover, motivator, teacher, student...

We recognize:

CFCAS in supporting STAR is supporting efforts to better understand the weather and hence efforts to better the weather forecasts

STAR brought MSC into the fold via early collaboration between MSC (Kochtubajda) and the STAR group putting together the original proposal

STAR gave EC an opportunity to be a part of the study:

- o Forecasters: to be part of the field team in Iqaluit
- o IPY meteorologist: to provide support for / during the field campaign including weather briefing from Edmonton
- o Cloud physics group: aircraft/radar
- o Monitoring groups in Downsview: surface observations, upper air
- o

There were benefits to MSC in general and to Prairie and Northern region in particular in collaborating on this type of field study..

- o Pangiirtung data will prove useful in the production of TAFs. Starts this month (November)!
- o Improved understanding of processes that will help forecasters with their conceptual models
- o Provided experience by getting staff into the north and participating in the field experiment
- o Opening doors for the future: U of A Intern Program student is delving into model comparisons

IPY funding supported / is supporting several of the PNR activities