



# HELO Weather

**McMurdo Weather**  
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Iridium: 00 8816 7632 0030  
Duty Forecaster: x42524  
Briefing Counter: x43353

Date (L): Thursday 28 January 2021

Brief Time (L): 0615

Briefing Number: 01-22

**FCSTR:** John Meyer

## REGIONAL SUMMARY

Low pressure on the Ross Ice Shelf is decaying, but leaving lots of moisture in place. As a new low pressure system moves into the Ross Sea from the north, this moisture will get drawn into the Ross Island region and winds will pick up through the day. Locations exposed to the Shelf will see worse conditions, however the rest of the region will also be affected by lower ceilings, snow, and mist later in the day.

## HAZARDS

Light to moderate rime icing in clouds and precipitation below.

## LATEST MCMURDO OBSERVATION

METAR ZCMA 271641Z AUTO 27001KT 9999 SKC M02/M07 A2919 RMK AO1 SLP888 GRID07001KT=

## RUNWAY TAFS

TAF NZFX 271500Z 2715/2815 (2804/2904NZDT) VRB05KT 9999 FEW025 SCT070 BKN160 QNH2921INS  
BECMG 2721/2723 (2810/2812) 15012KT 8000 -SN SCT015 BKN030 620303 QNH2919INS GRID32012KT  
TEMPO 2723/2803 (2812/2816) 15012G20KT 2400 -SN BLSN BKN015 BKN030 620154 GRID32012G20KT  
BECMG 2803/2805 (2816/2818) 12014KT 9999 -SN OVC020 620203 QNH2917INS GRID29014KT

## MCMURDO HELIPAD FORECAST (VALID TIME: 28/0600L – 28/1800L)

**SFC WIND (TRUE):** VRB06KT BECMG 14015G20KT AFT 11L  
**SFC VISIBILITY (SM):** UNRES TEMPO 3 – 5 -SN BR 12-18L  
**SKY CONDITION (AGL):** FEW025 SCT070 BECMG BKN015 BKN030 AFT 12L  
**MIN ALSTG:** 2915INS  
**HAZARDS:** NIL BECMG LGT ICG 015-060 AFT 12L

## SITE & AREA FORECASTS (VALID TIME: 28/0600L – 28/1800L)

### CAPE CROZIER

**SFC WIND (TRUE):** 14013KT  
**SFC VISIBILITY (SM):** 1/2 – 1 BR BECMG 1/4 – 1/2 SN FG AFT 9L  
**SKY CONDITION (AGL):** BKN000 OVC010  
**MIN ALSTG:** 2803INS  
**HAZARDS:** MDT ICG SFC-070

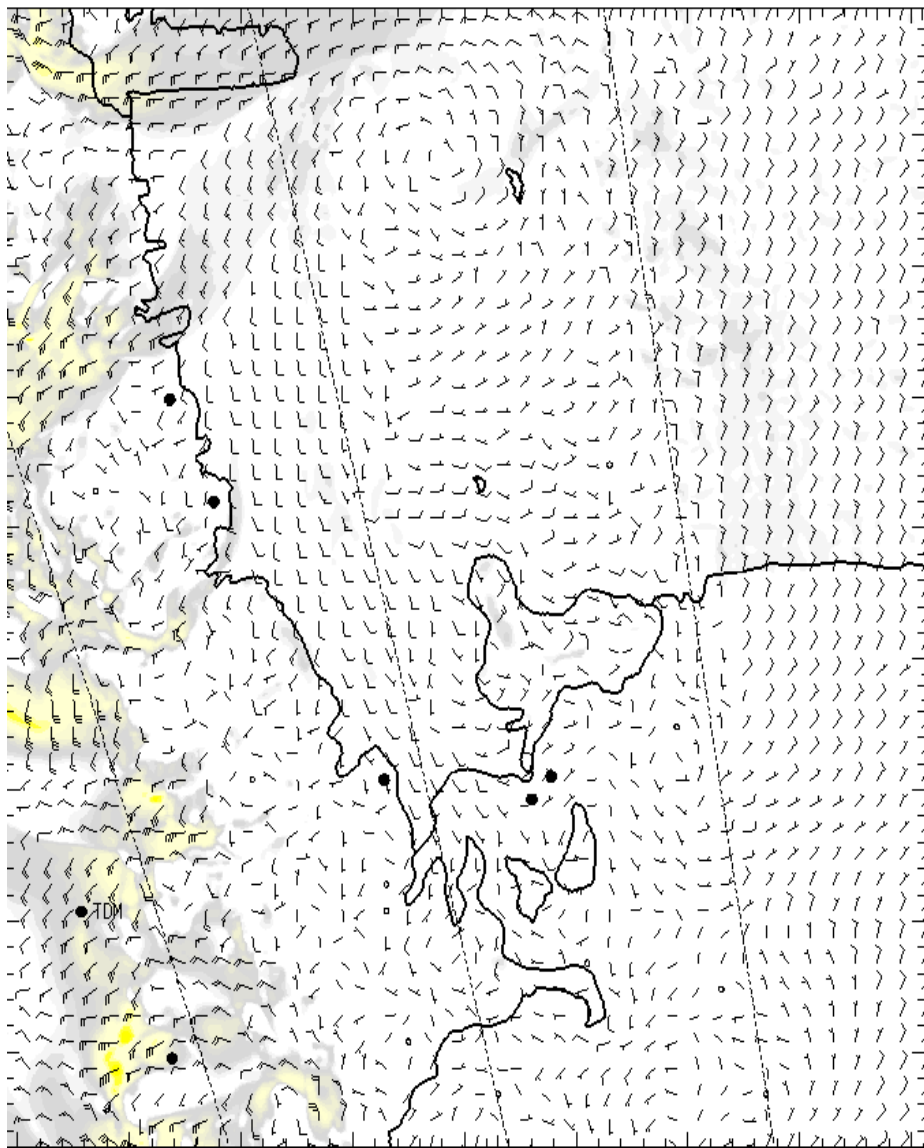
### BLACK ISLAND

**SFC WIND (TRUE):** 18010G18KT  
**SFC VISIBILITY (SM):** UNRES TEMPO 2 – 4 -SN BR 13-18L  
**SKY CONDITION (AGL):** FEW020 SCT060 BECMG BKN010 BKN025 AFT 13L  
**MIN ALSTG:** 2910INS  
**HAZARDS:** NIL BECMG LGT ICG 010-060 AFT 13L

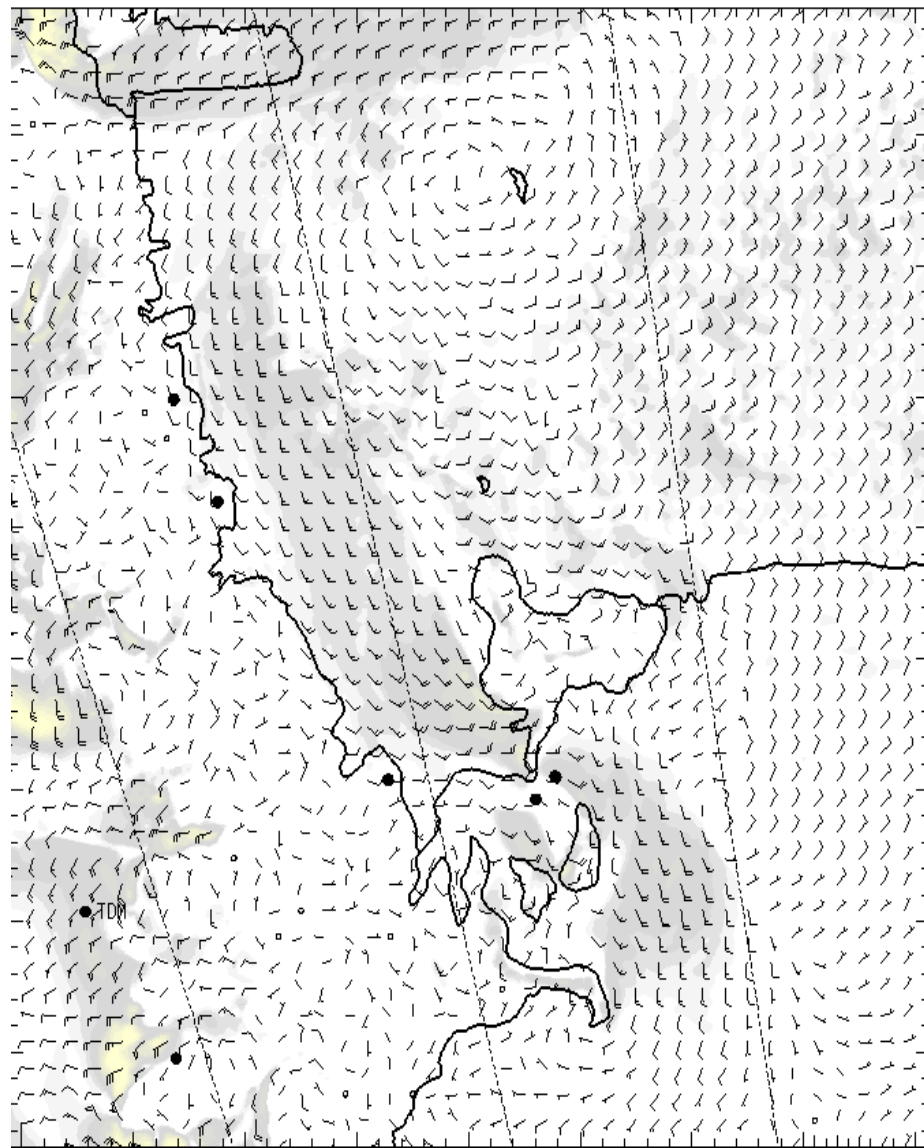
## NIGHT AREA OUTLOOKS (VALID TIME: 28/1800L – 29/0600L)

NIL

# SFC

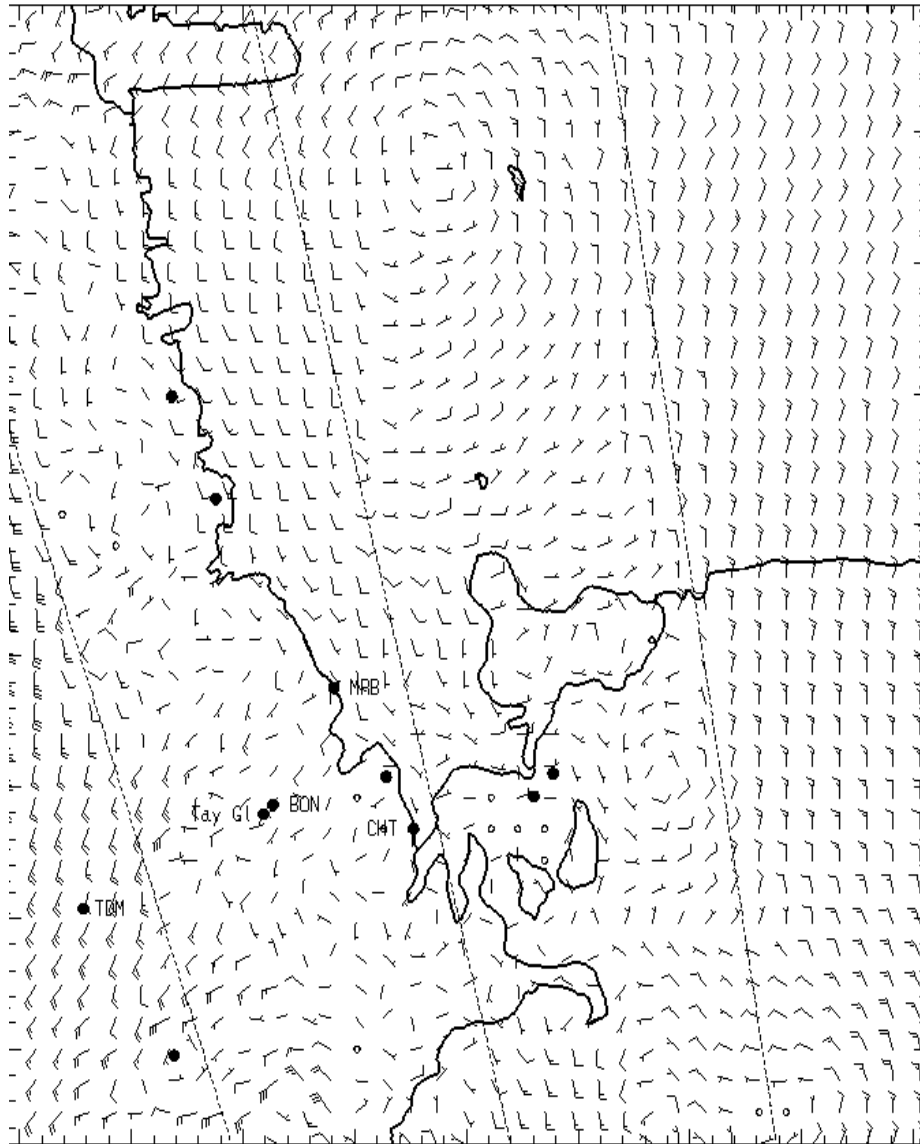


0700L

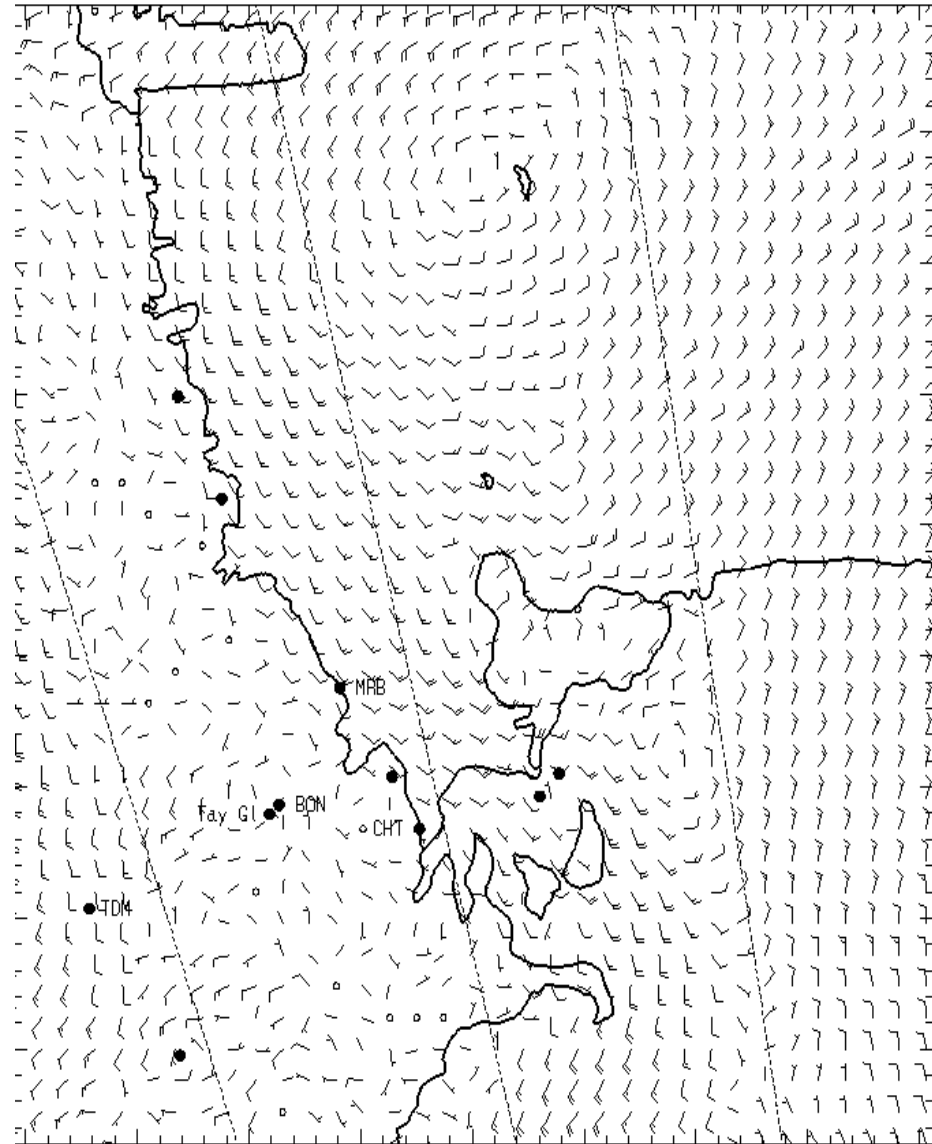


1300L

# 1,000 ft AGL

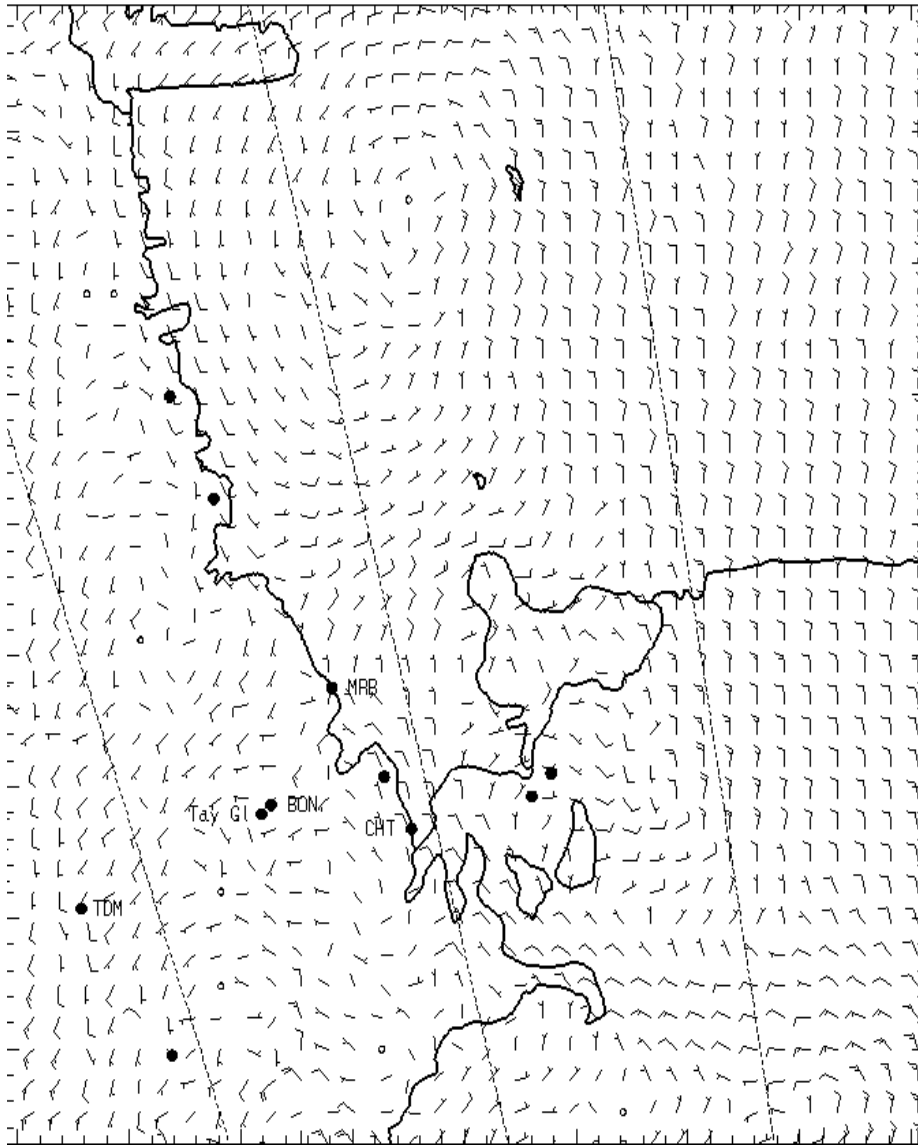


0700L

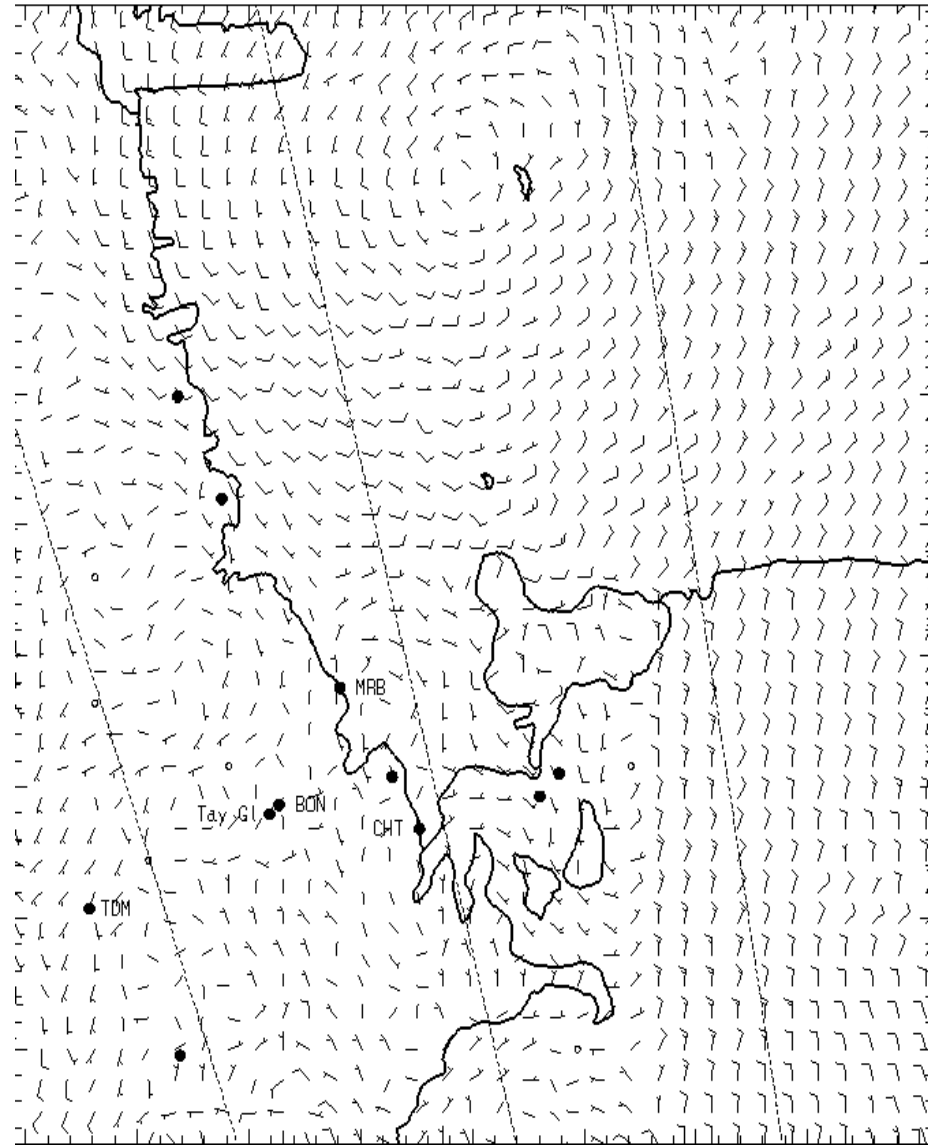


1300L

# 3,000 ft AGL

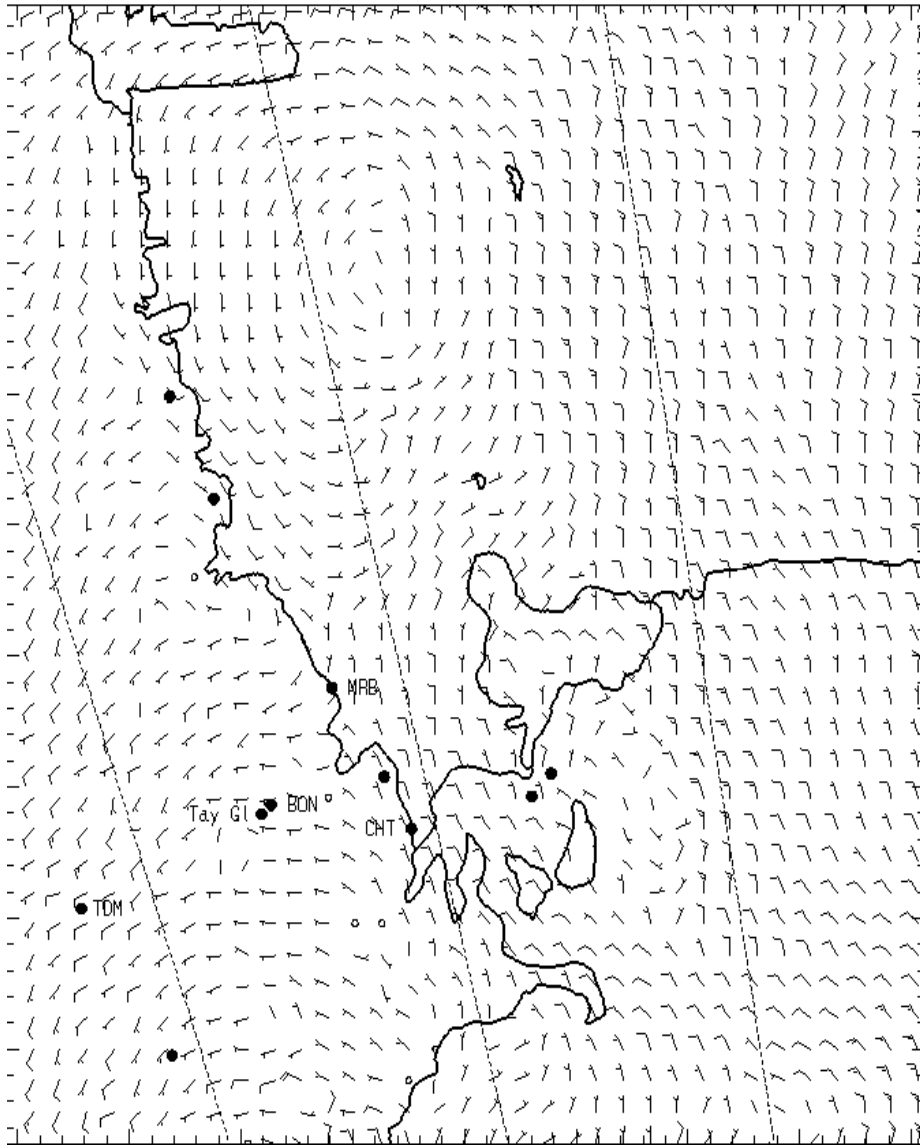


0700L

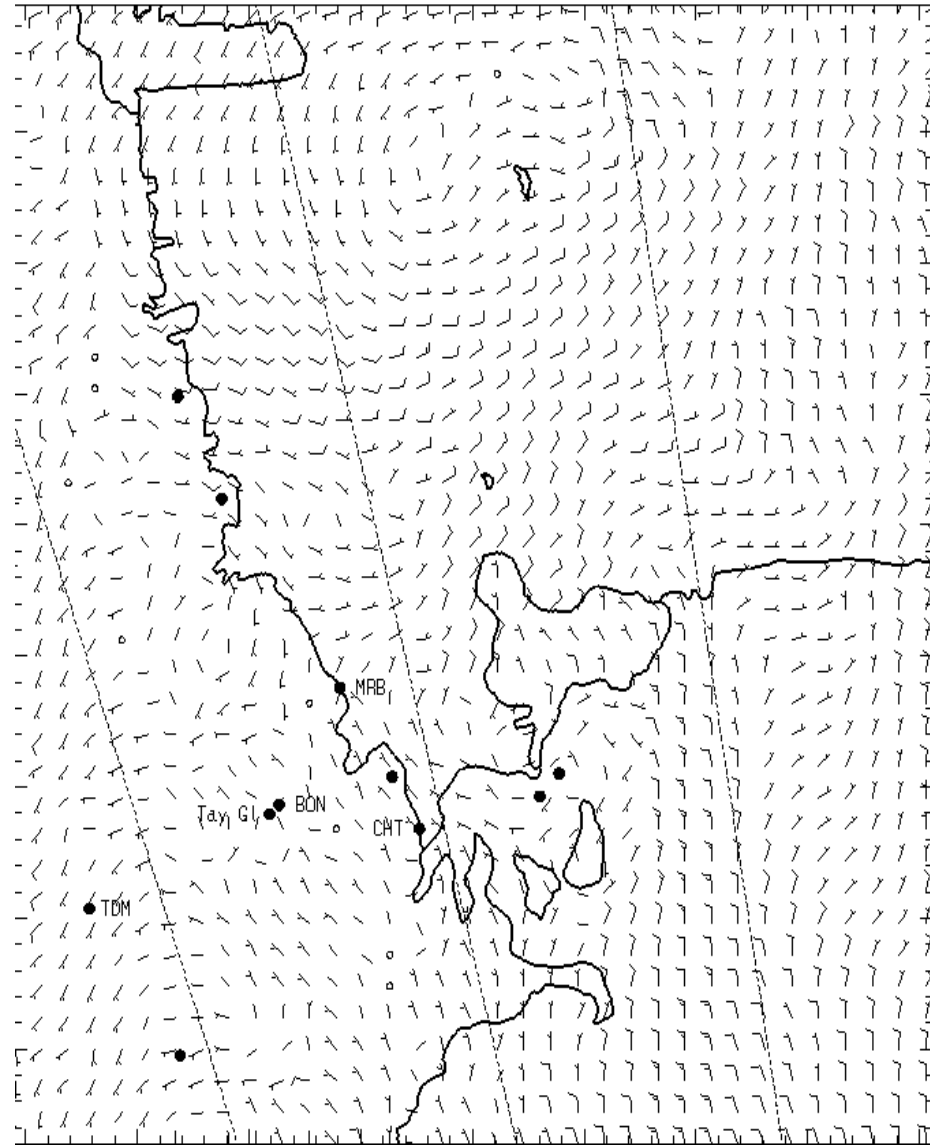


1300L

# 5,000 ft AGL



0700L



1300L