



# HELO Weather

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

Date (L): Monday 04 January 2021

Brief Time (L): 0615

Briefing Number: 01-01

**FCSTR:** John Meyer

## REGIONAL SUMMARY

Low pressure prevails once again on the Ross Ice Shelf. Winds will remain fairly strong and gusty, even aloft. Clouds abound and ceilings will affect all locations today. Conditions will generally be worse at the AWS sites that are exposed to the Shelf, with lower ceilings that also bring the icing threat close to the ground. Since the Mt Erebus location resides within the clouds, similar conditions can be expected.

## HAZARDS

Light to moderate rime icing in low-to-mid-level clouds.  
Light turbulence at McMurdo and Erebus due to terrain.

## LATEST MCMURDO OBSERVATION

METAR ZCMA 031617Z AUTO 14009KT 9999 OVC075 M01/M11 A2870 RMK AO1 SLP722 GRID30009KT=

## RUNWAY TAFS

TAF NZFX 031458Z 0315/0415 (0404/0504NZDT) VRB06KT 9999 BKN070 QNH2867INS  
BECMG 0402/0404 (0415/0417) 18018G30KT 4800 BLSN BKN030 OVC055 620305 520104 QNH2864INS GRID35018G30KT  
TEMPO 0408/0414 (0421/0503) 19025G40KT 2400 -SN BLSN SCT015 BKN030 OVC050 620306 520005 GRID36025G40KT

## MCMURDO HELIPAD FORECAST (VALID TIME: 04/0600L – 04/1800L)

**SFC WIND (TRUE):** 14015G25KT  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (AGL):** OVC070 BECMG BKN030 OVC050 AFT 16L  
**MIN ALSTG:** 2867INS  
**HAZARDS:** LGT-MDT ICG 030-080 AFT 16L / LGT TURBC SFC-040

## SITE & AREA FORECASTS (VALID TIME: 04/0600L – 04/1800L)

### MT EREBUS

**SFC WIND (TRUE):** 09020G30KT  
**SFC VISIBILITY (SM):** 1/2 – 2 BR  
**SKY CONDITION (AGL):** BKN000 OVC040  
**MIN ALSTG:** 2821INS  
**HAZARDS:** LGT-MDT ICG SFC-060 / LGT TURBC SFC-030

### AWS 108

**SFC WIND (TRUE):** 24020G35KT  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (AGL):** BKN010 OVC030  
**MIN ALSTG:** 2858INS  
**HAZARDS:** LGT-MDT ICG 010-080

**AWS 104**

**SFC WIND (TRUE):** VRB06KT BECMG 25015G30KT AFT 9L

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** BKN020 OVC030

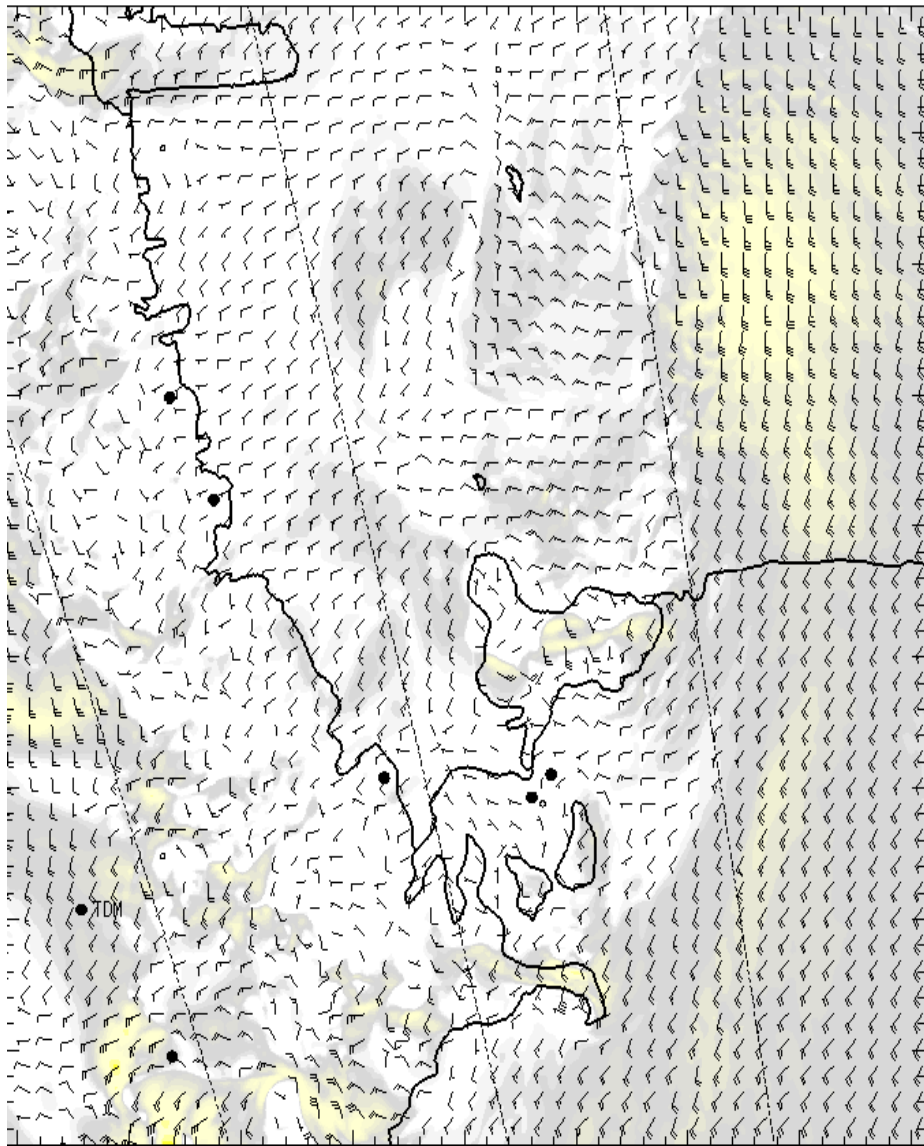
**MIN ALSTG:** 2861INS

**HAZARDS:** LGT-MDT ICG 020-080

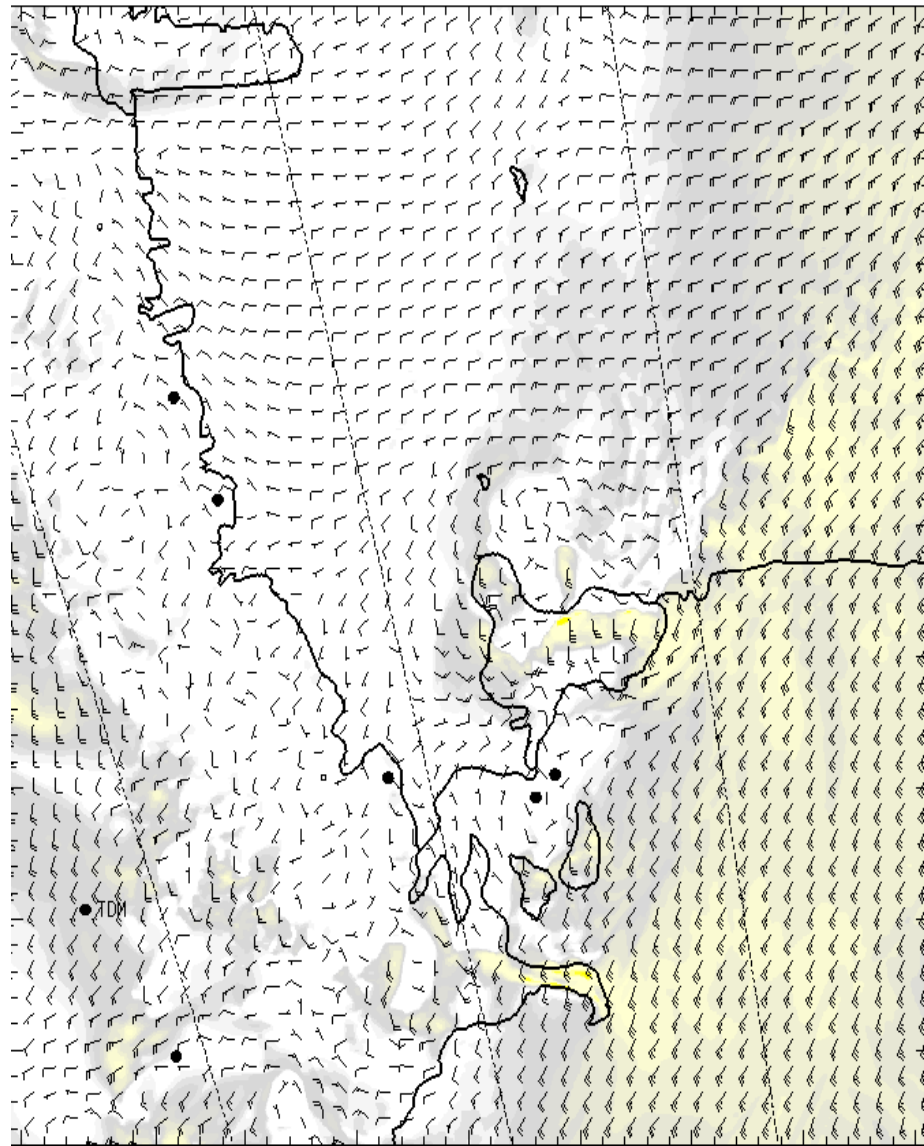
**NIGHT AREA OUTLOOKS (VALID TIME: 04/1800L – 05/0600L)**

NIL

# SFC

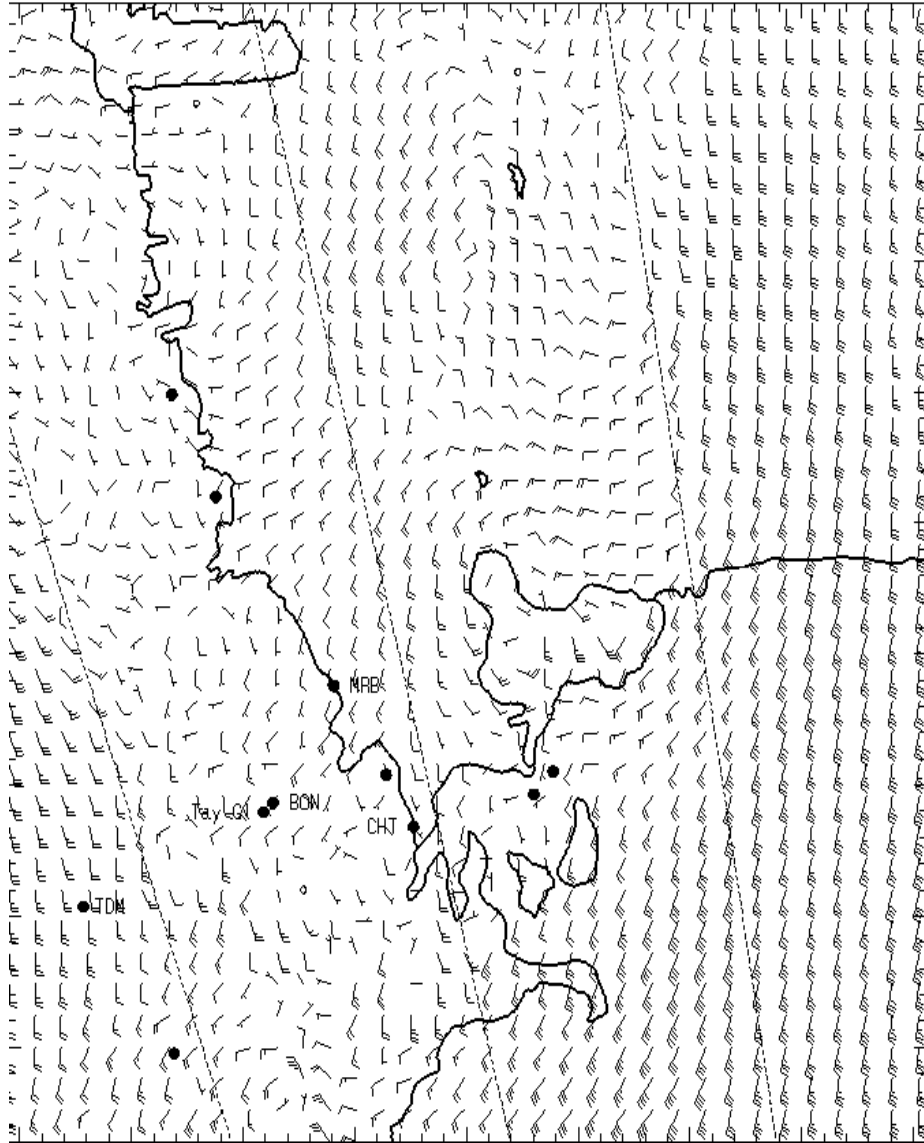


0700L

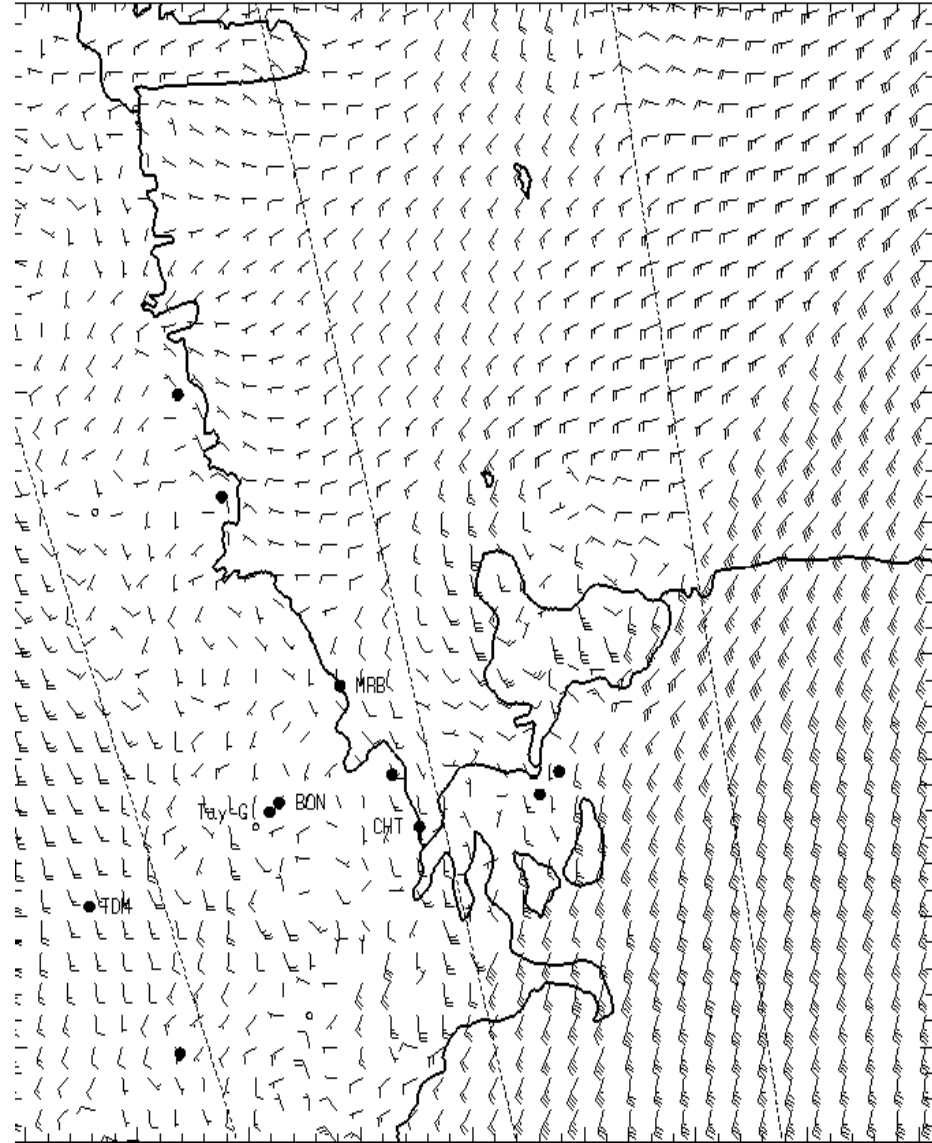


1300L

# 1,000 ft AGL

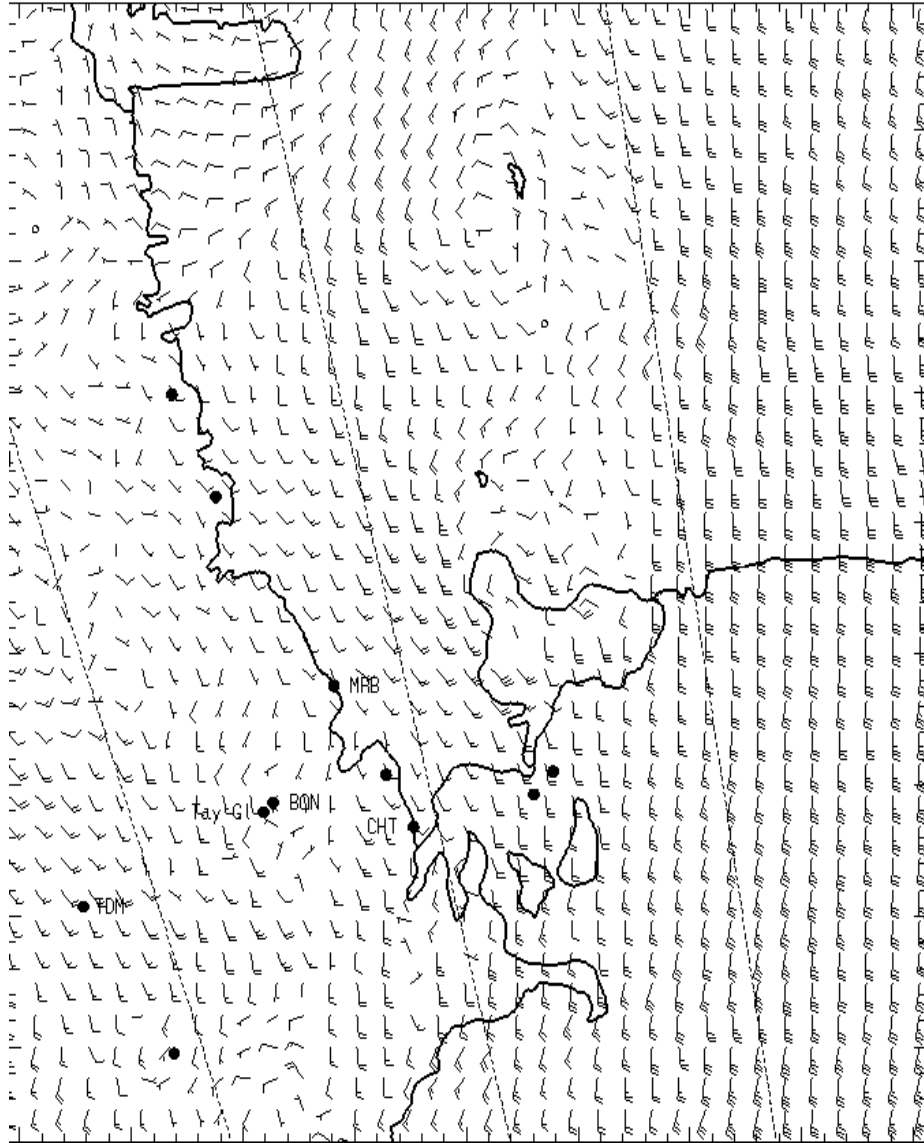


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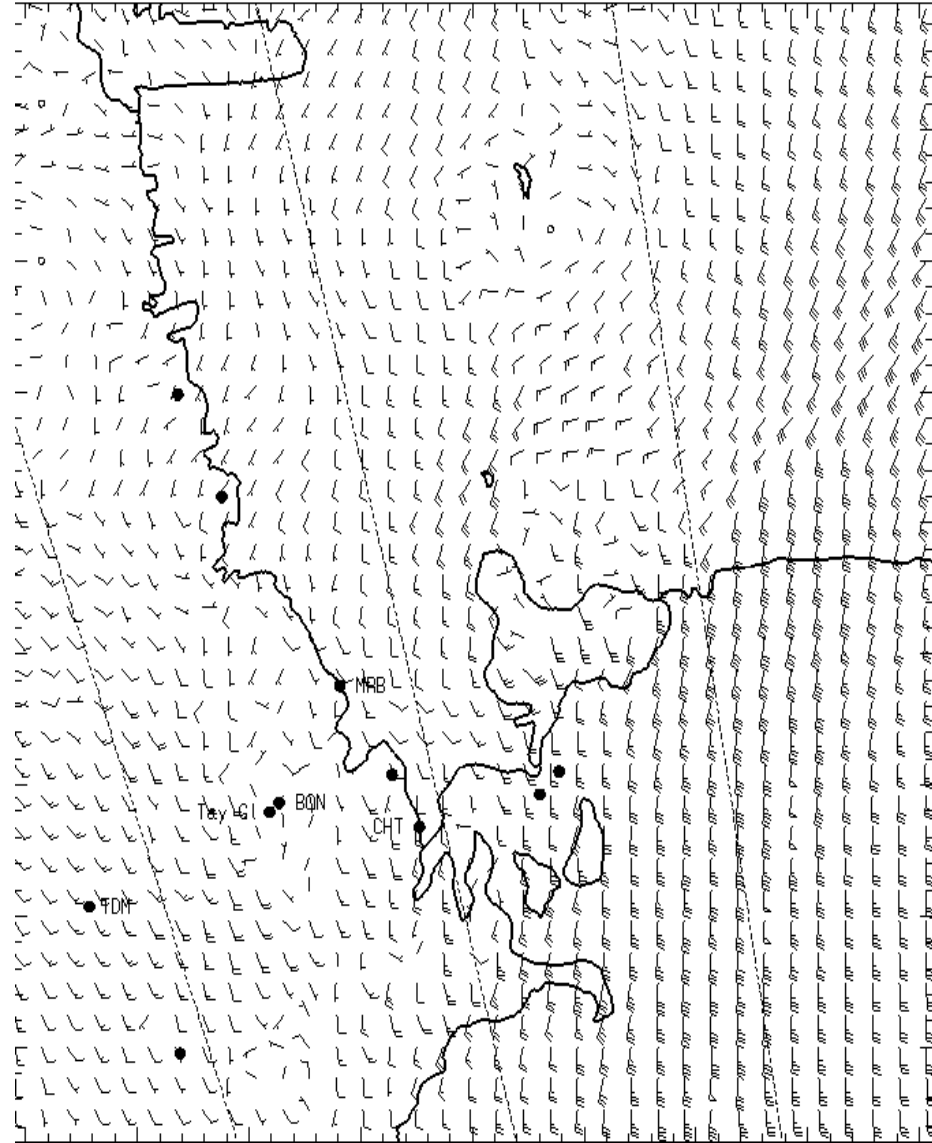


1300L

# 3,000 ft AGL

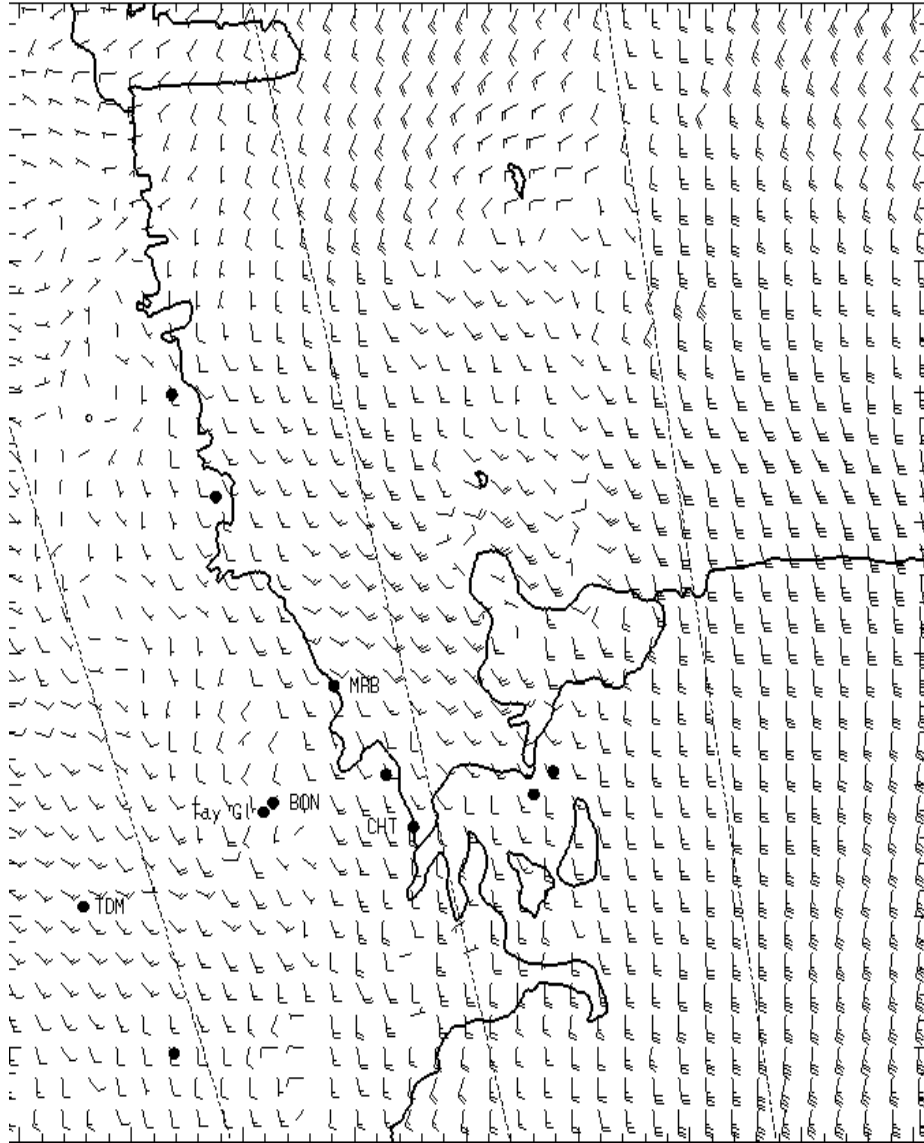


0700L

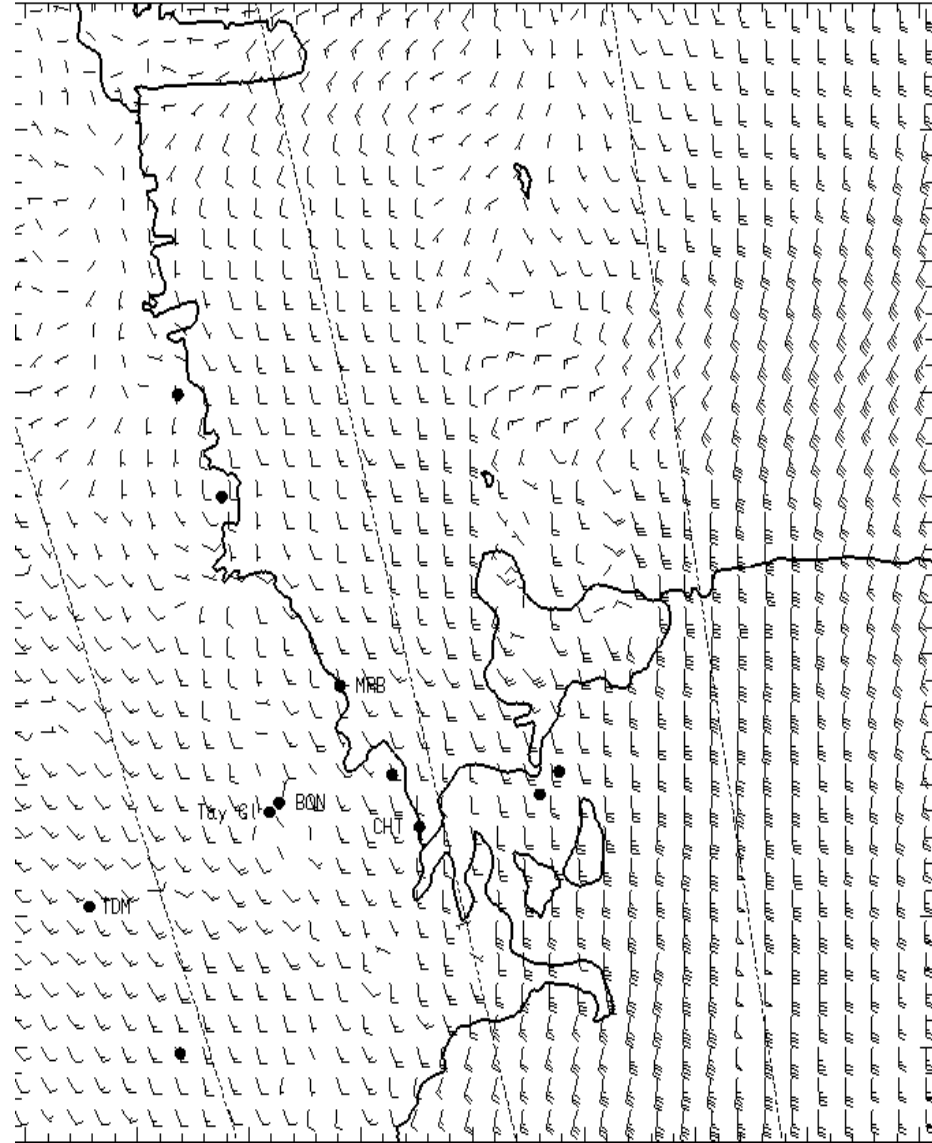


1300L

# 5,000 ft AGL



0700L



1300L