



# HELO Weather

**McMurdo Weather**  
Email: [mcm.weather.forecaster@usap.gov](mailto:mcm.weather.forecaster@usap.gov)  
Iridium: 00 8816 7632 0030  
Duty Forecaster: x42524  
Briefing Counter: x43353

Date (L): Saturday 23 January 2021

Brief Time (L): 0615

Briefing Number: 01-18

**FCSTR:** John Meyer

## REGIONAL SUMMARY

Low pressure is developing on the Ross Ice Shelf, but leaving the Ross Island region mostly in the clear. Strong off-continent flow is keeping the low pushed to the eastern side of the Shelf, while Ross Island will see mostly clear skies and just a bit of a breeze. However, that off-continent flow is funneling through the Valleys, bringing enhanced speeds, gusty conditions, and turbulence to these locations.

## HAZARDS

Light to moderate turbulence at Valley locations due to strong aloft flow creating speed shear and gusty conditions.

## LATEST MCMURDO OBSERVATION

METAR ZCMA 221633Z AUTO 18010KT 9999 FEW012 M02/M06 A2924 RMK AO1 SLP906 GRID35010KT=

## RUNWAY TAFS

TAF NZFX 221458Z 2215/2315 (2304/2404NZDT) 04008KT 9999 FEW020 QNH2915INS WND 07010KT GRID24010KT AFT 2300 GRID21008KT

TEMPO 2215/2220 (2304/2309) 2400 BR

## MCMURDO HELIPAD FORECAST (VALID TIME: 23/0600L – 23/1800L)

**SFC WIND (TRUE):** 15012G18KT

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** FEW020

**MIN ALSTG:** 2918INS

**HAZARDS:** NIL

## SITE & AREA FORECASTS (VALID TIME: 23/0600L – 23/1800L)

### AWS 113

**SFC WIND (TRUE):** 12009KT

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** FEW020

**MIN ALSTG:** 2912INS

**HAZARDS:** NIL

### CAPE ROYDS

**SFC WIND (TRUE):** 06008KT

**SFC VISIBILITY (SM):** UNRES TEMPO 2 – 4 BR 16-18L

**SKY CONDITION (AGL):** FEW010 TEMPO SCT010 16-18L

**MIN ALSTG:** 2911INS

**HAZARDS:** NIL

**MARBLE POINT**

**SFC WIND (TRUE):** 15008KT  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (AGL):** FEW010  
**MIN ALSTG:** 2917INS  
**HAZARDS:** NIL

**NEW HARBOR**

**SFC WIND (TRUE):** 23025G40KT  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (AGL):**  
**MIN ALSTG:** 2912INS  
**HAZARDS:** LGT-MDT TURBC SFC-040

**LAKE FRYXELL**

**SFC WIND (TRUE):** 24030G50KT  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (AGL):** SKC  
**MIN ALSTG:** 2911INS  
**HAZARDS:** MDT TURBC SFC-040

**LAKE HOARE**

**SFC WIND (TRUE):** 24035G55KT  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (AGL):** SKC  
**MIN ALSTG:** 2903INS  
**HAZARDS:** MDT TURBC SFC-040

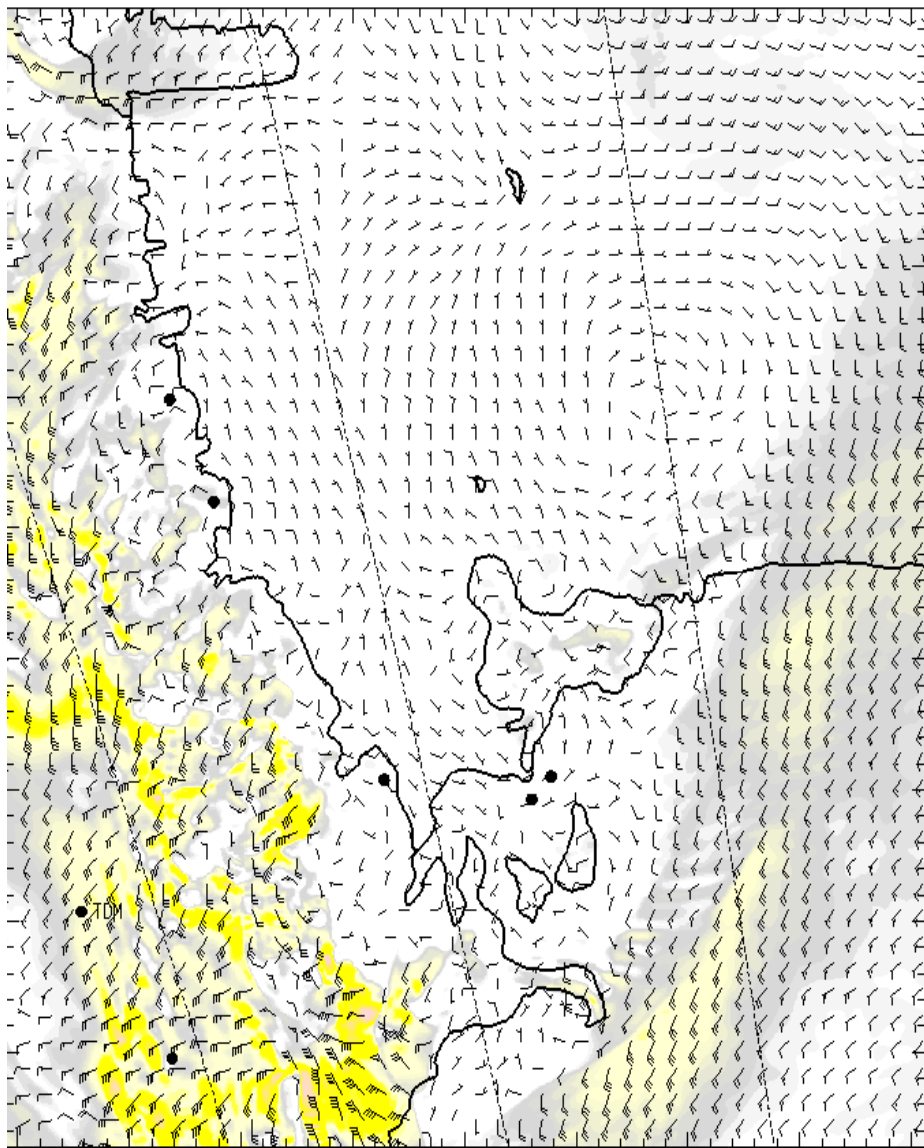
**F6**

**SFC WIND (TRUE):** 24030G50KT  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (AGL):** SKC  
**MIN ALSTG:** 2911INS  
**HAZARDS:** MDT TURBC SFC-040

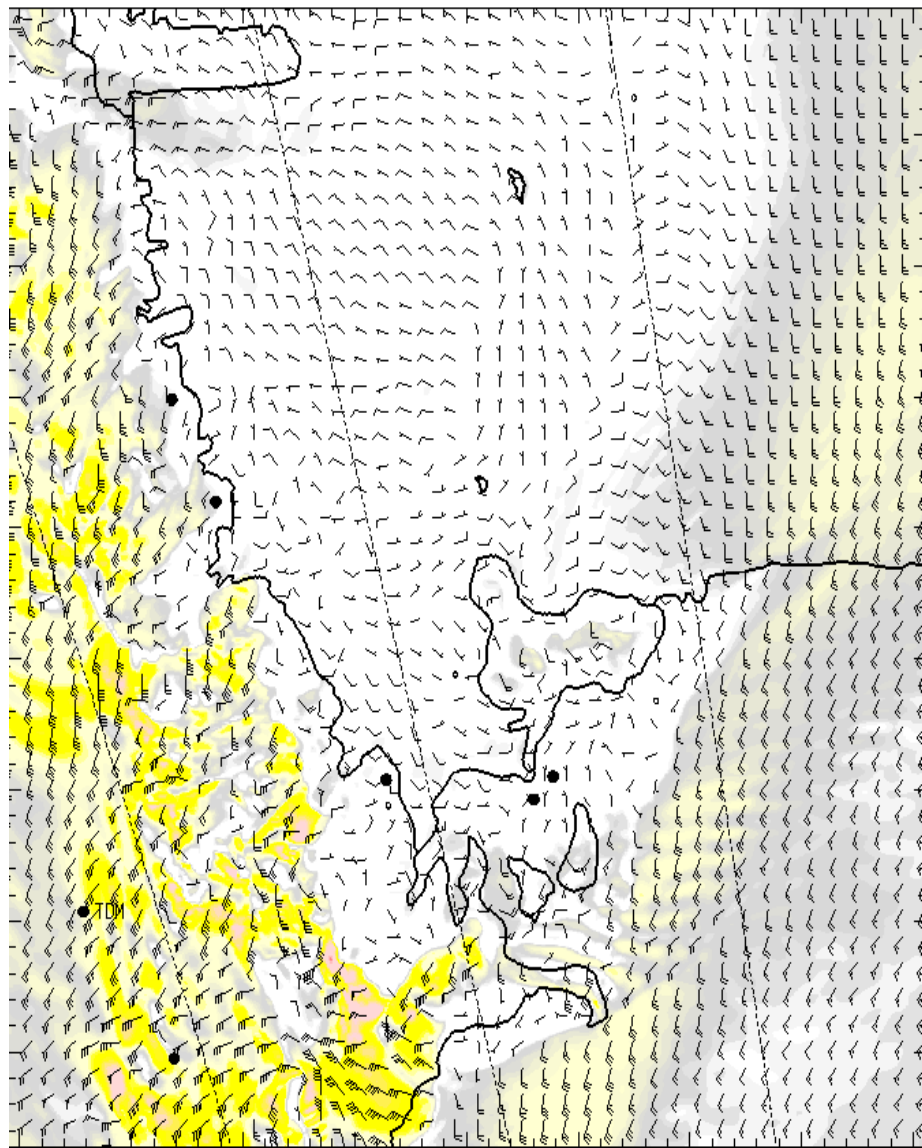
**NIGHT AREA OUTLOOKS (VALID TIME: 23/1800L – 24/0600L)**

**NIL**

# SFC

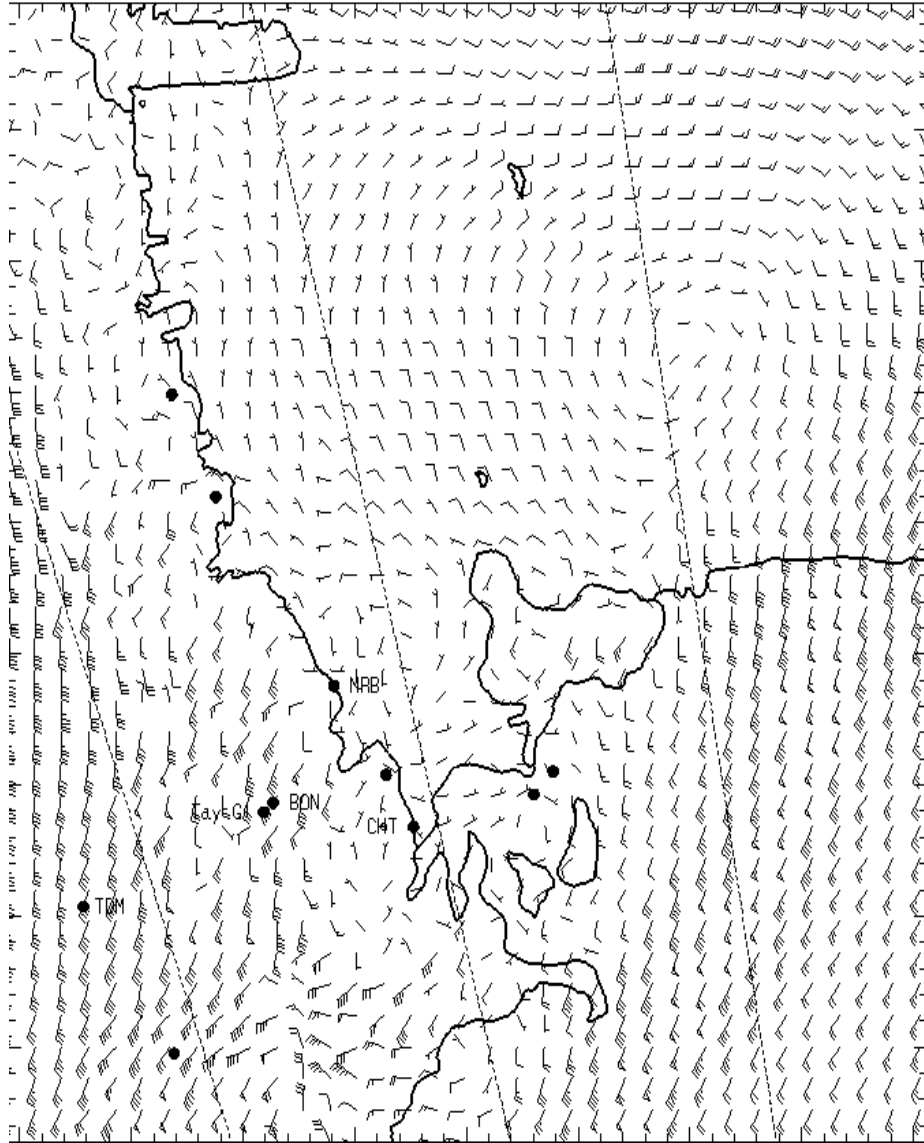


0700L

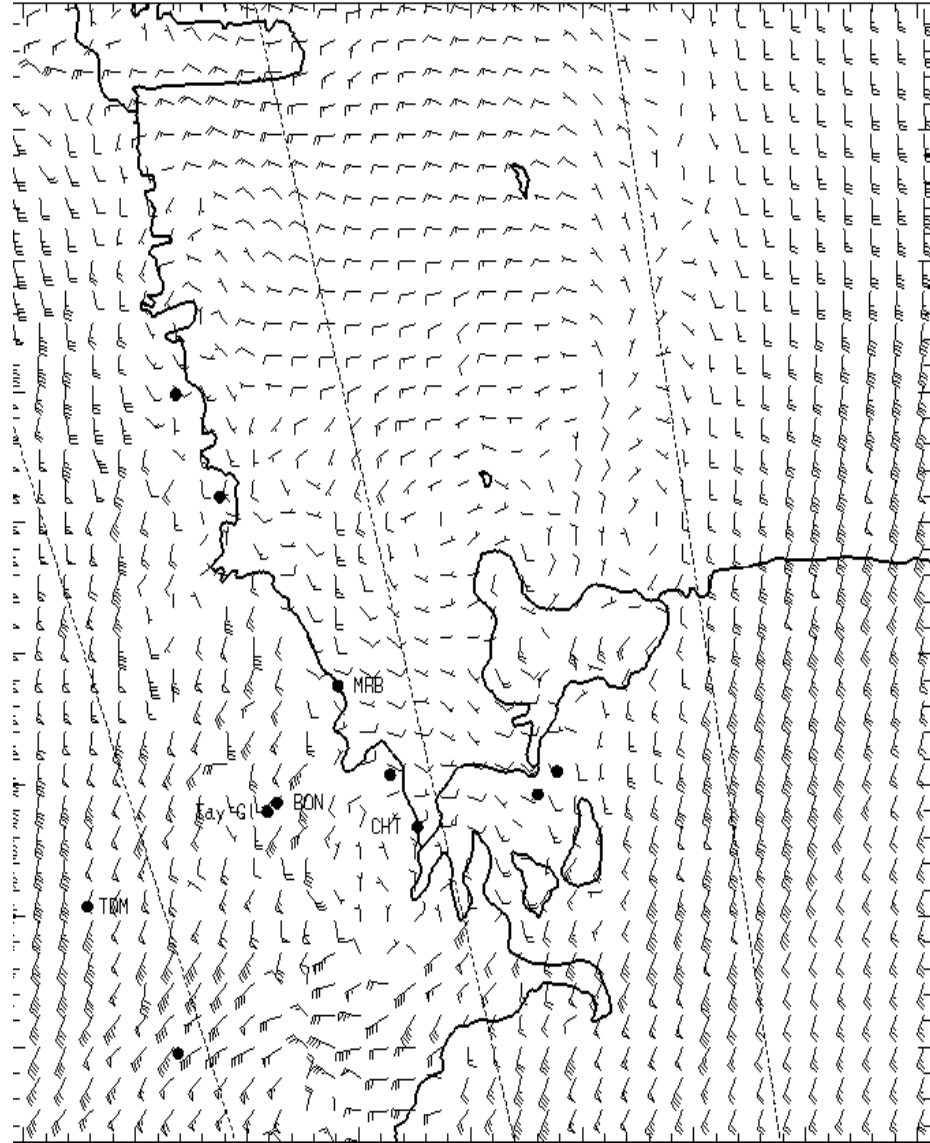


1300L

# 1,000 ft AGL

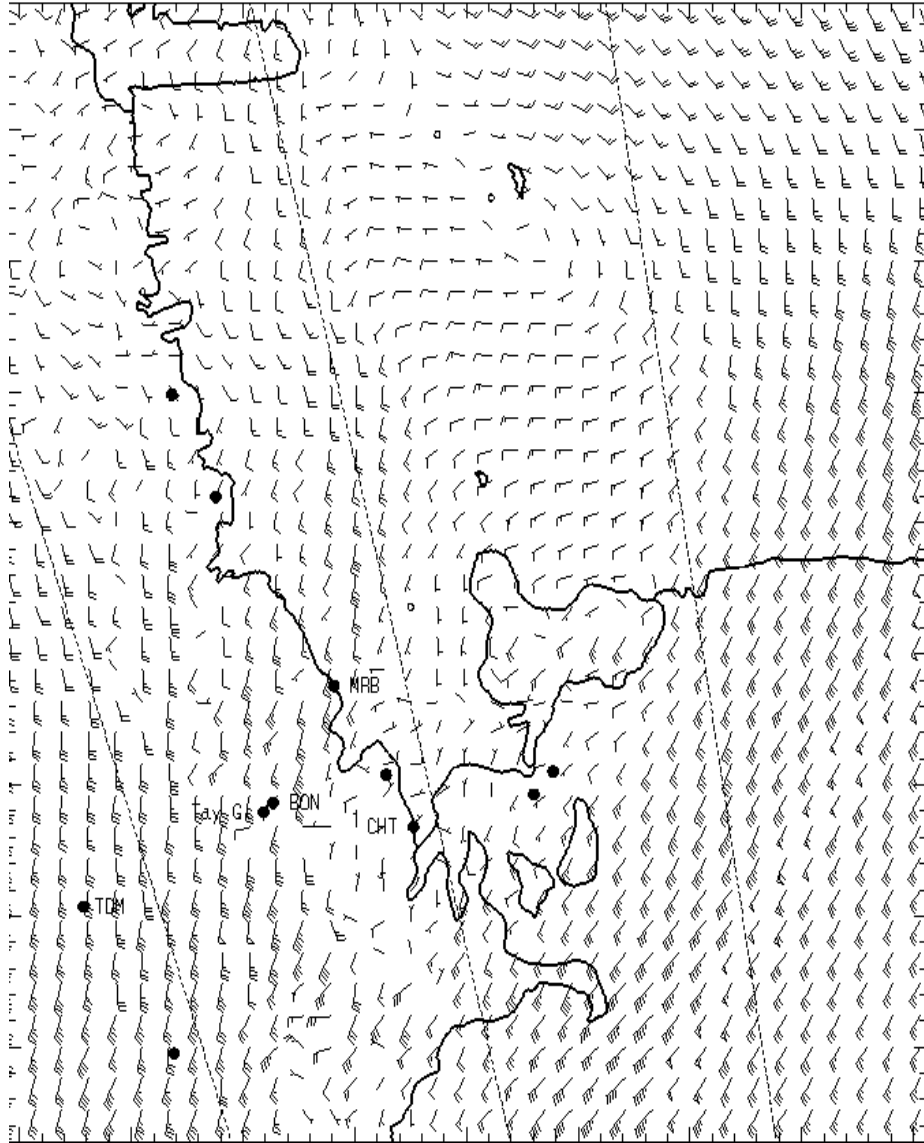


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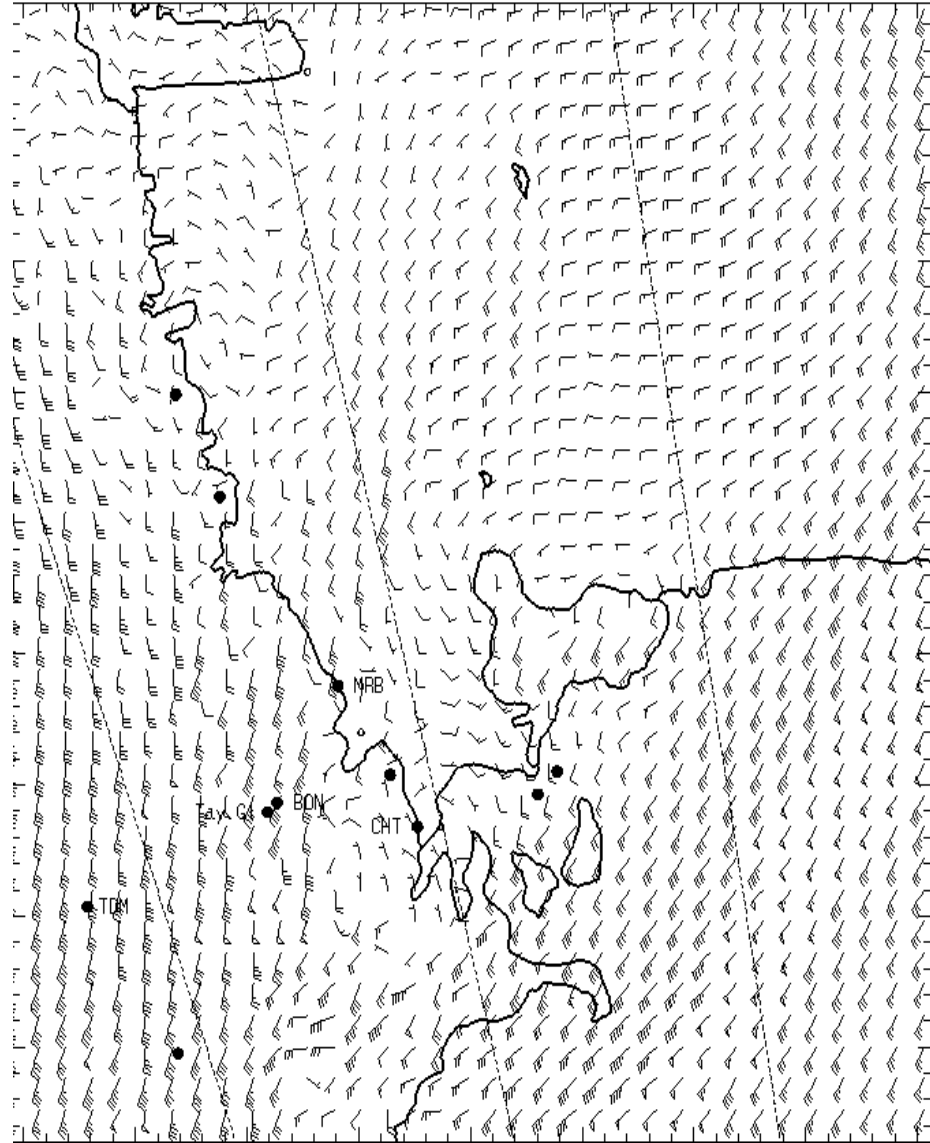


1300L

# 3,000 ft AGL

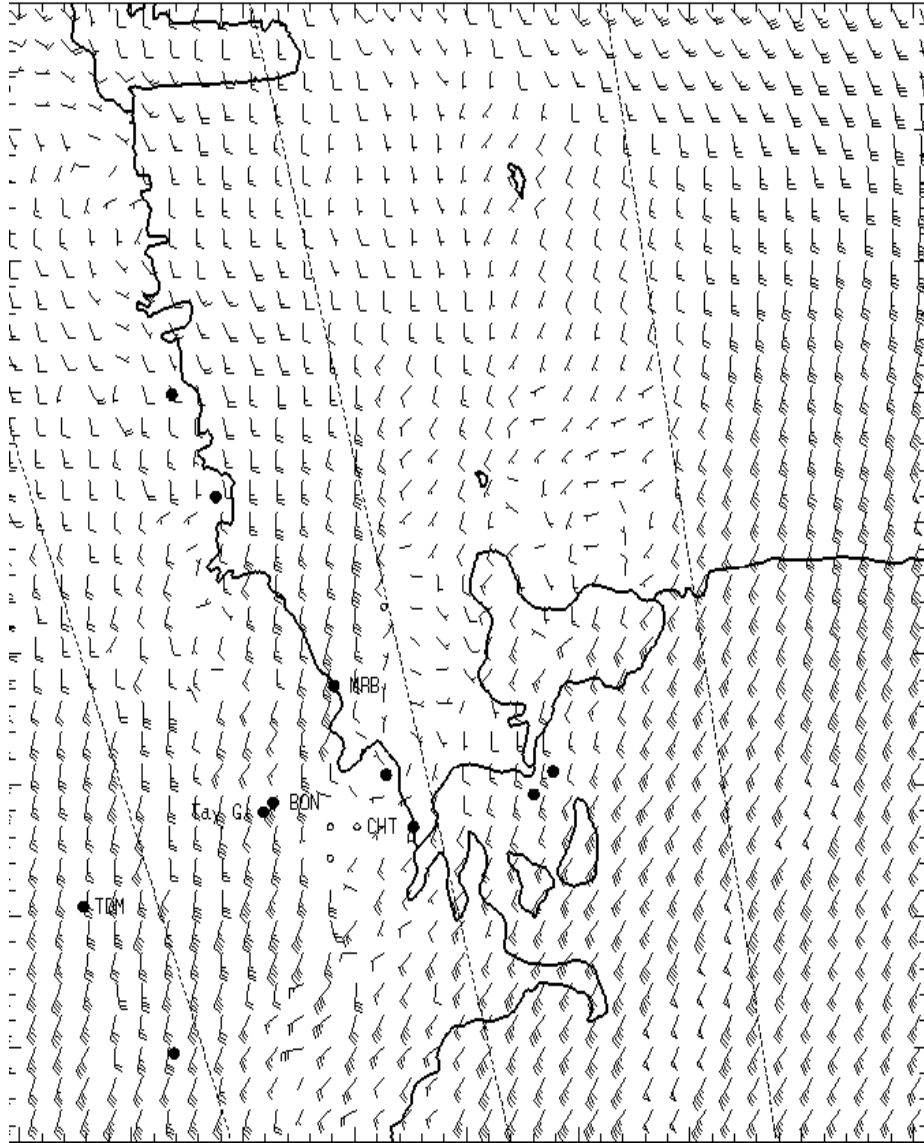


0700L

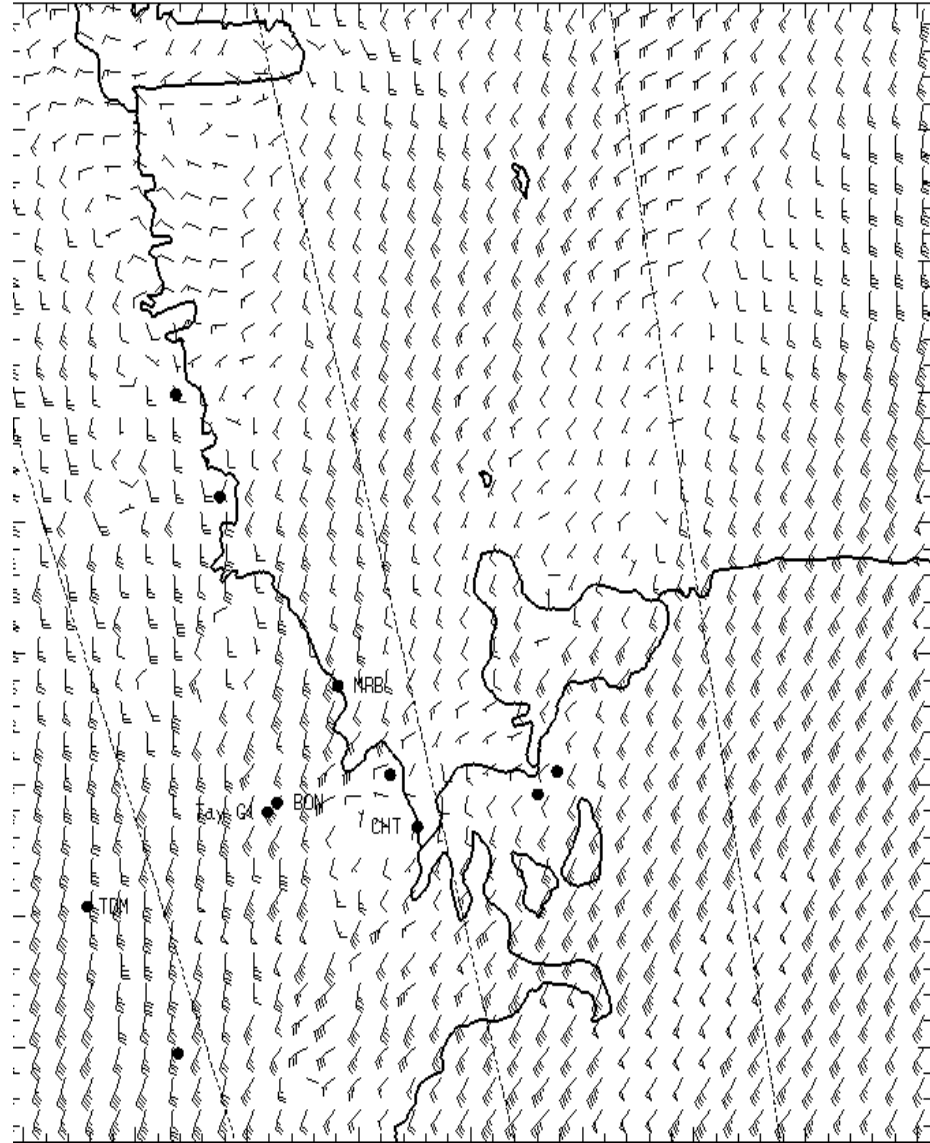


1300L

# 5,000 ft AGL



0700L



1300L