



# HELO Weather

McMurdo Weather  
Email: mcm.weather.forecaster@usap.gov  
Iridium: 00 8816 7632 0030  
Duty Forecaster: x42524  
Briefing Counter: x43353

Date (L): Thursday, 9 February 2023

Brief Time (L): 0615

Briefing Number: 02-08

FCSTR: Jeff Fournier

## REGIONAL SUMMARY

A weak high pressure ridge and dry airmass will continue across Ross Island and vicinity, resulting in mainly fair weather and light winds. There remains enough moisture in the 080-120 ft above MSL layer for patches of clouds, which could make the missions to Mt Erebus & Terror more challenging at times. While winds across much of the Ross Island region will be less than 15 KT, stronger winds will occur at the capes of Ross Island and near the top of Black Island.

## HAZARDS

OCCASIONAL IFR VISIBILITY (HORIZONTAL AND VERTICAL) NEAR SUMMITS OF MT EREBUS/TERROR.  
OCCASIONAL MODERATE TURBULENCE SFC-100 BLACK ISLAND.  
OCCASIONAL MODERATE TURBULENCE SFC-010 CAPE CROZIER BEFORE 12L.  
LIGHT TURBULENCE OVER AND NEAR RUGGED TERRAIN EXPOSED TO HIGHER WIND SPEEDS.

## LATEST MCMURDO OBSERVATION

METAR ZCMA 081633Z AUTO 13009KT 9999 FEW100 M08/M18 A2941 RMK AO2 SLP963 GRID30009KT

## RUNWAY TAFS

TAF NZWD 081457Z 0815/0915 (0904/1004NZDT) 04008KT 9999 SCT100 QNH2940INS GRID21008KT

TAF NZFX 081457Z 0815/0915 (0904/1004NZDT) 04008KT 9999 SCT100 QNH2941INS GRID21008KT

## MCMURDO HELIPAD FORECAST (VALID TIME: 09/0600L – 09/1800L)

SFC WIND (TRUE): 07012KT  
SFC VISIBILITY (SM): UNR  
SKY CONDITION (MSL): SCT100  
MIN ALSTG: 2939INS  
HAZARDS: NIL

## SITE & AREA FORECASTS (VALID TIME: 09/0600L – 09/1800L)

### SCOTT BASE

SFC WIND (TRUE): 06008KT  
SFC VISIBILITY (SM): UNR  
SKY CONDITION (MSL): SCT100  
MIN ALSTG: 2939INS  
HAZARDS: NIL

**BLACK ISLAND**

**SFC WIND (TRUE):** 18025G35KT

**SFC VISIBILITY (SM):** UNR DRSN

**SKY CONDITION (MSL):** SCT100

**MIN ALSTG:** 2937INS

**HAZARDS:** LGT OCNL MDT TURBC SFC-100

**MT TERROR**

**SFC WIND (TRUE):** 19018KT

**SFC VISIBILITY (SM):** UNR DRSN OCNL 1 OR LESS IN CLOUD

**SKY CONDITION (MSL):** SCT120 OCNL VV008

**MIN ALSTG:** 2858INS

**HAZARDS:** LGT TURBC SFC-010 AGL

**CAPE CROZIER**

**SFC WIND (TRUE):** 21025G35KT BECMG 20017G25KT AFT 12L

**SFC VISIBILITY (SM):** UNR DRSN TEMPO 06-12L 1-3 BLSN

**SKY CONDITION (MSL):** SCT100

**MIN ALSTG:** 2940INS

**HAZARDS:** LGT OCNL MDT TURBC SFC-010 BECMG LGT TURBC AFT 12L

**CONEZ**

**SFC WIND (TRUE):** 11014KT

**SFC VISIBILITY (SM):** UNR DRSN OCNL 1 OR LESS IN CLOUD

**SKY CONDITION (MSL):** SCT120 OCNL VV008

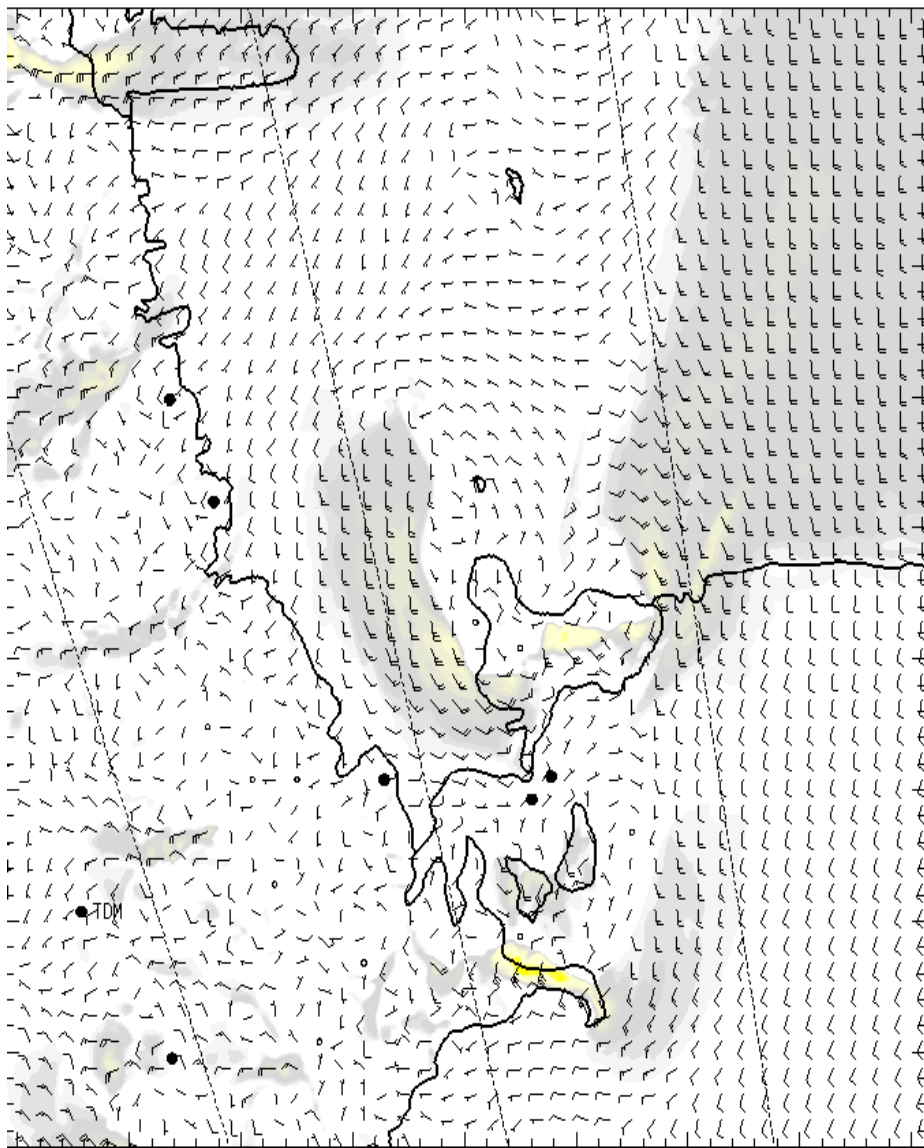
**MIN ALSTG:** 2845INS

**HAZARDS:** LGT TURBC SFC-010 AGL

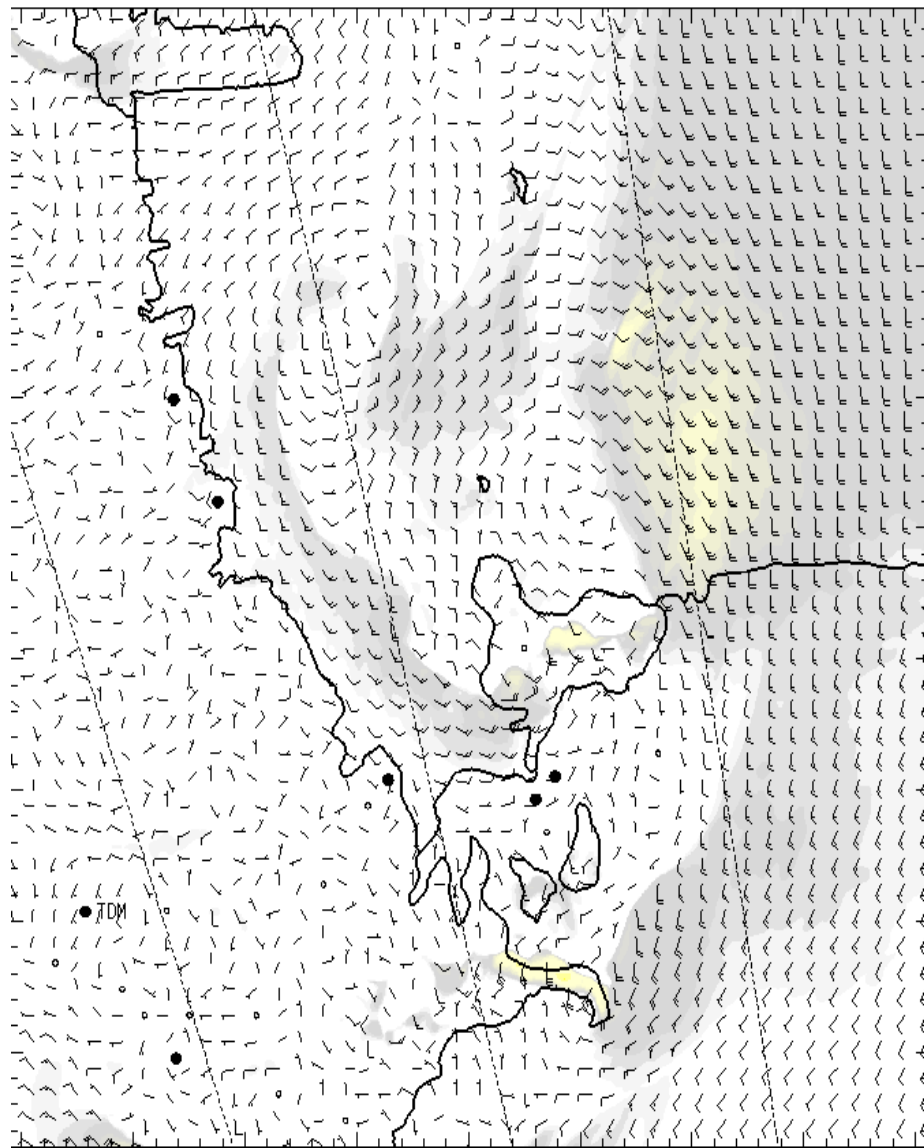
**NIGHT AREA OUTLOOKS (VALID TIME: 09/1800L – 10/0600L)**

NIL

# SFC

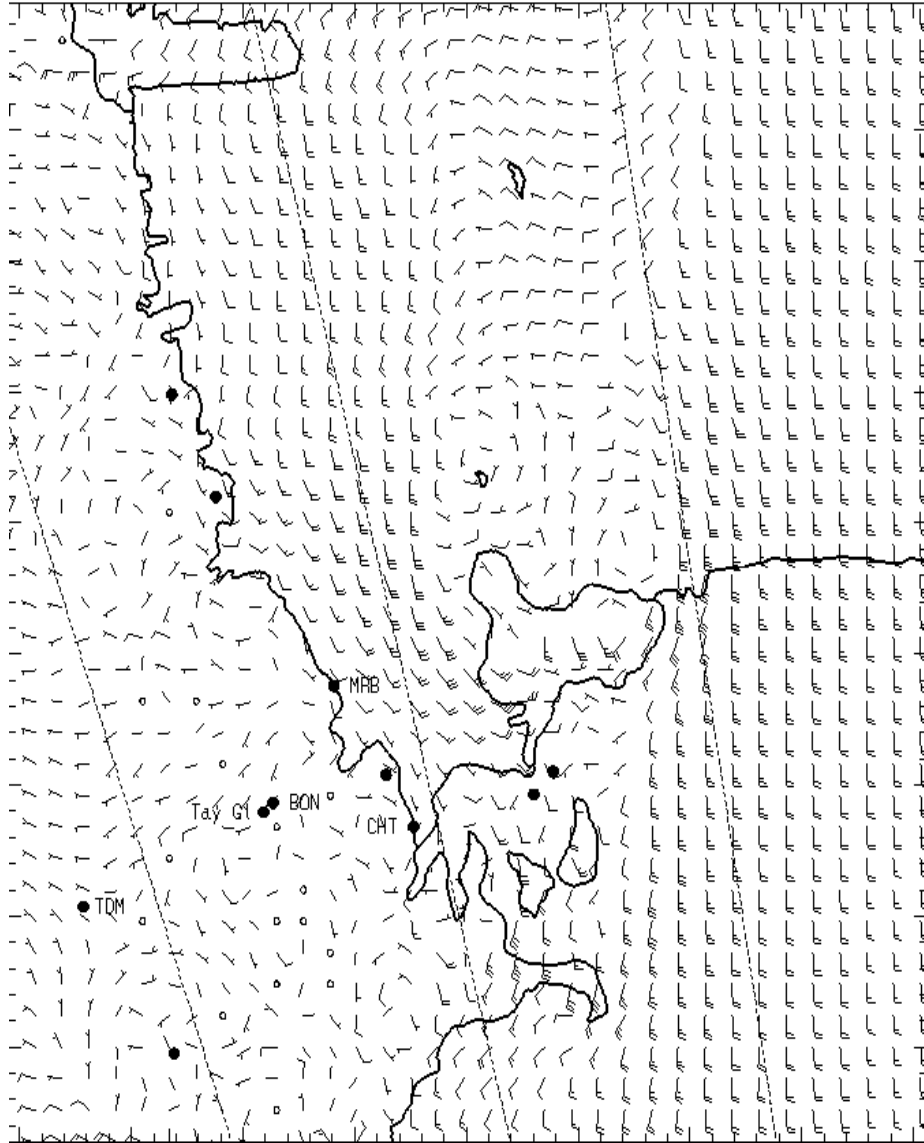


0700L

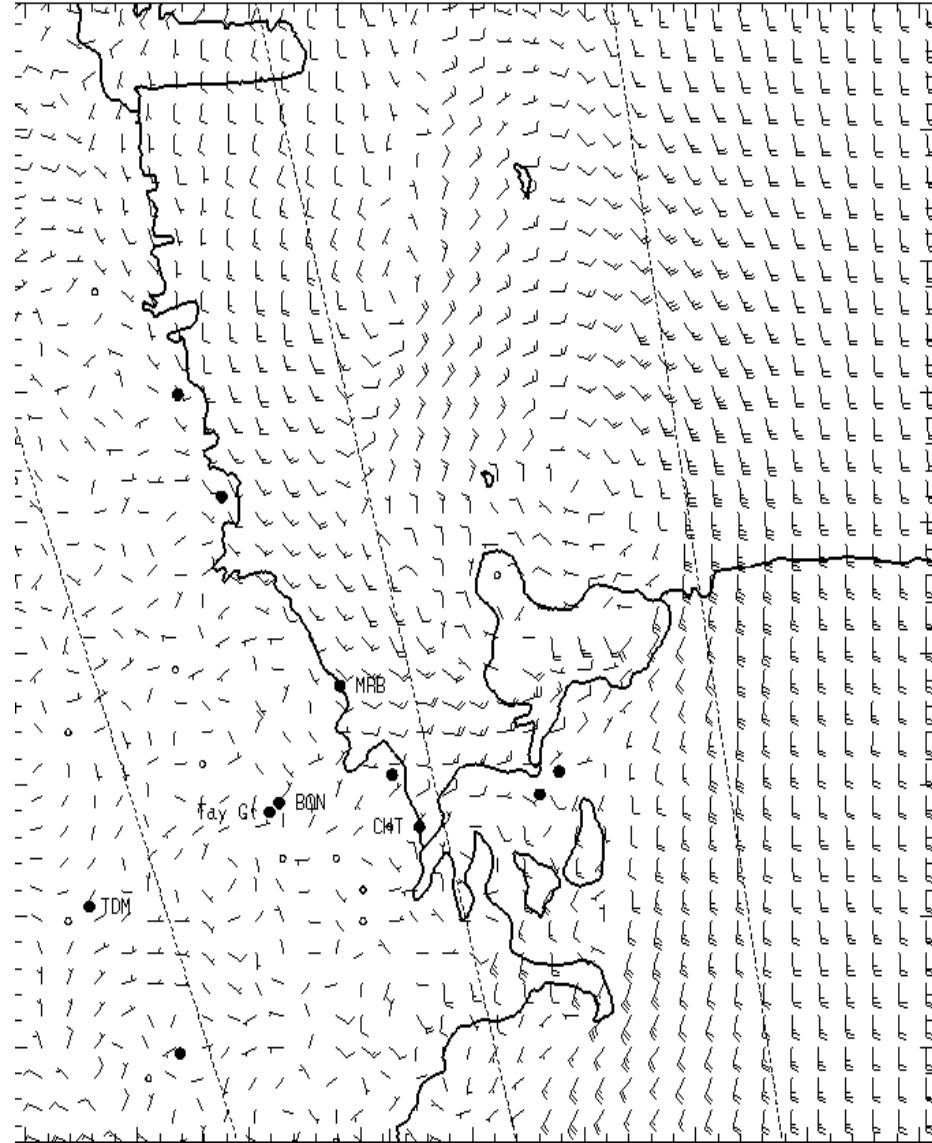


1300L

# 1,000 ft AGL

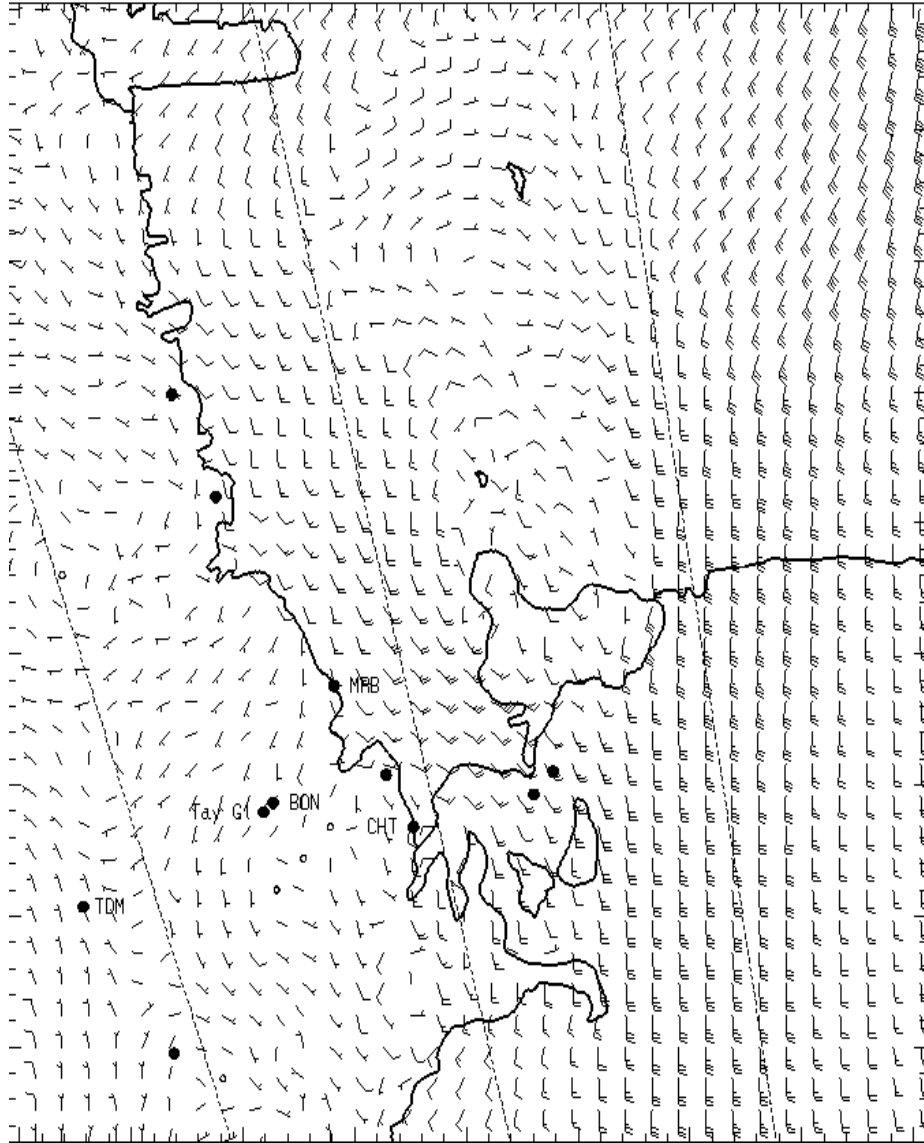


0700L

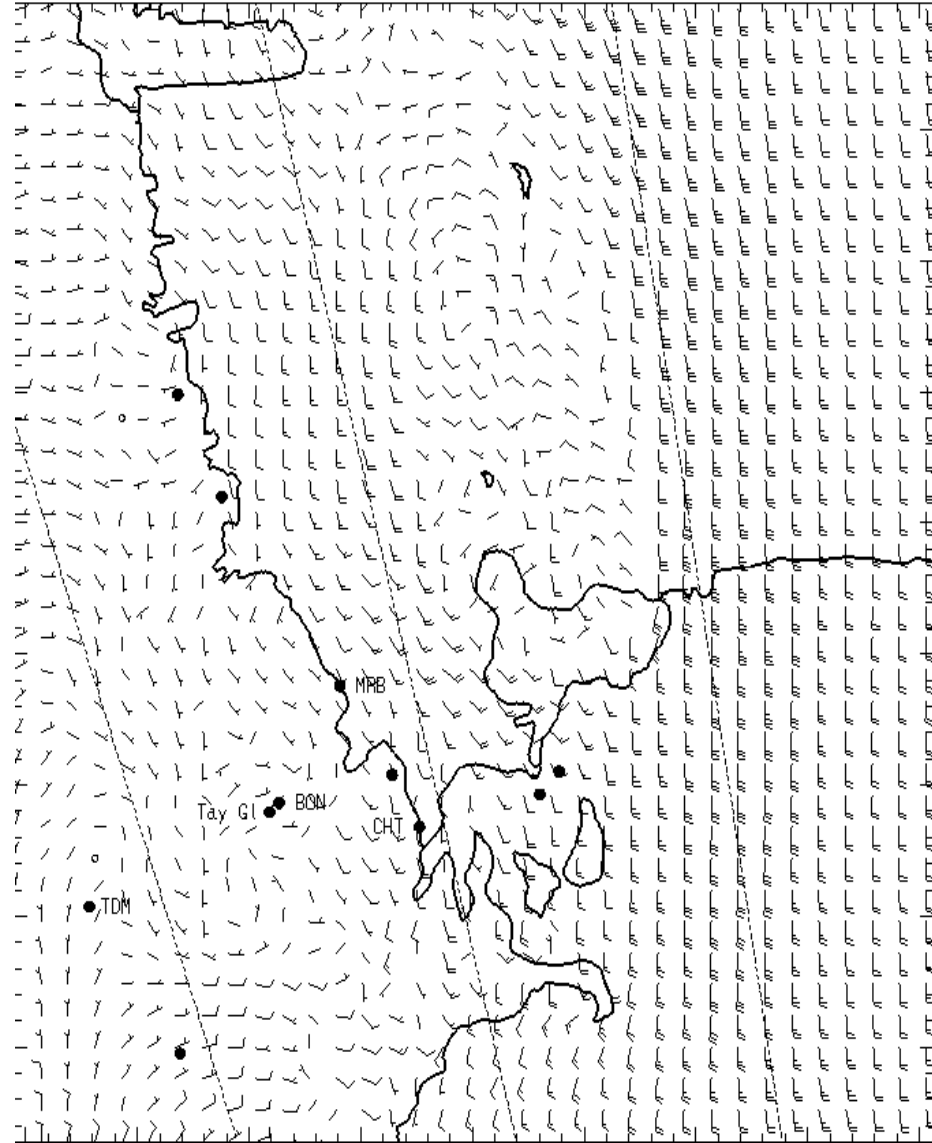


1300L

# 3,000 ft AGL

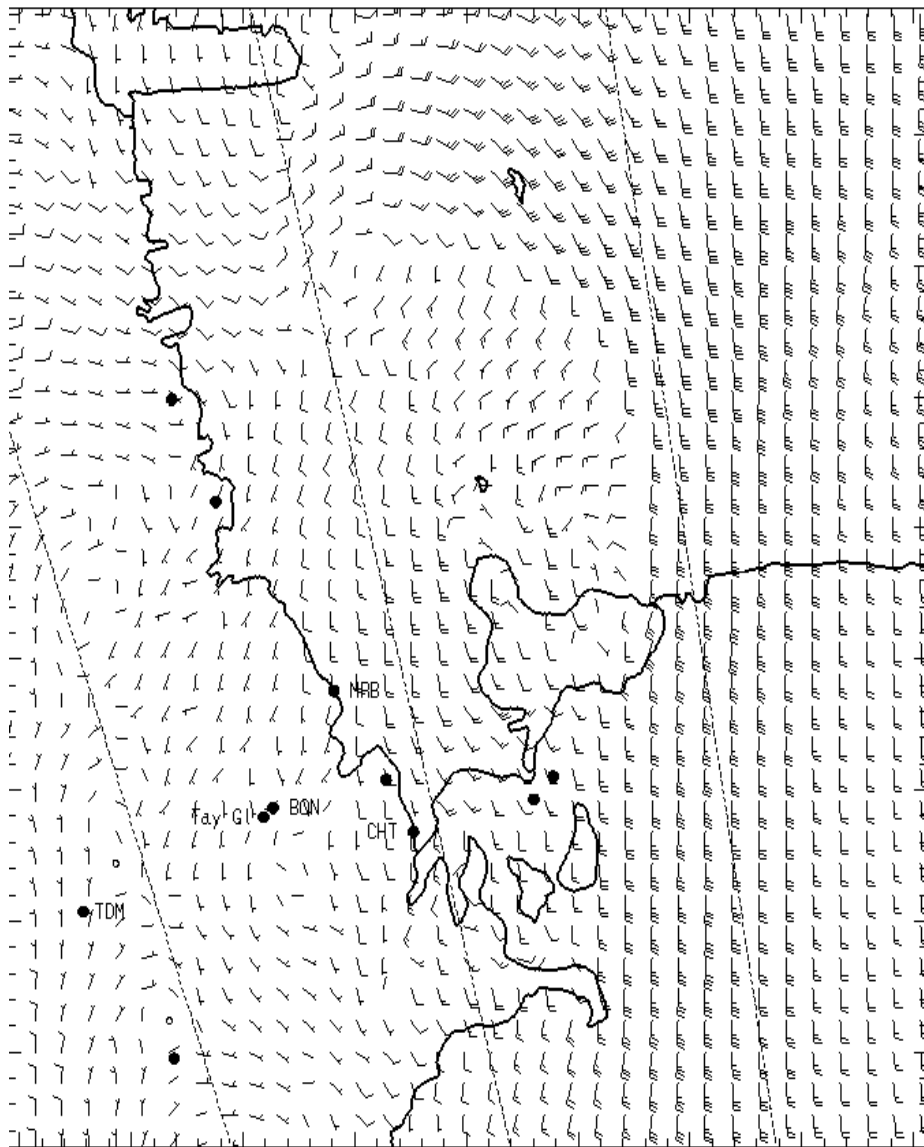


0700L

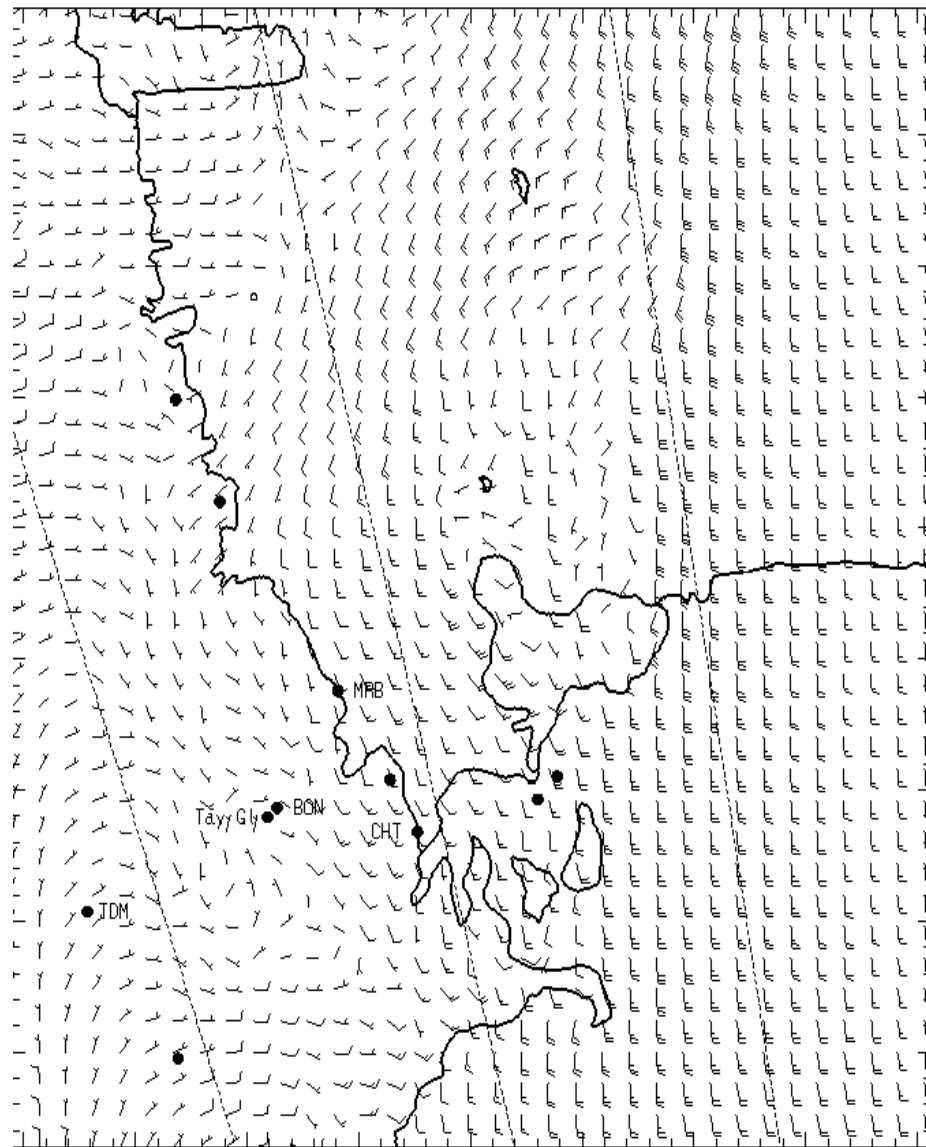


1300L

# 5,000 ft AGL



0700L



1300L