



# HELO Weather

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

Date (L): Wednesday, 8 February 2023

Brief Time (L): 0615

Briefing Number: 02-07

FCSTR: Jeff Fournier

## REGIONAL SUMMARY

An unusually dry airmass will remain in place across Ross Island and vicinity, with fair weather and occasional clouds. The bulk of the clouds will be along the south and east facing upper slopes of Mt Erebus/Terror. This could present a challenge at times for those missions, as clouds at these levels will come and go. Winds will be rather strong today at Cape Crozier and Black Island.

## HAZARDS

OCCASIONAL IFR VISIBILITY (HORIZONTAL AND VERTICAL) MT EREBUS/TERROR.  
OCCASIONAL SEVERE TURBULENCE SFC-100 BLACK ISLAND AFT 11L.  
OCCASIONAL MODERATE TURBULENCE SFC-010 CAPE CROZIER.  
LIGHT TURBULENCE OVER AND NEAR RUGGED TERRAIN EXPOSED TO HIGHER WIND SPEEDS.

## LATEST MCMURDO OBSERVATION

METAR ZCMA 071628Z AUTO VRB06KT 9999 SKC M05/M18 A2927 RMK AO2 SLP914

## RUNWAY TAFS

TAF NZWD 071457Z 0715/0815 (0804/0904NZDT) 04008KT 9999 SCT090 QNH2929INS GRID21008KT  
TEMPO 0723/0803 (0812/0816) 15015G25KT DRSN 510004 GRID32015G25KT

TAF NZFX 071457Z 0715/0815 (0804/0904NZDT) 04008KT 9999 SCT090 QNH2929INS GRID21008KT  
TEMPO 0723/0803 (0812/0816) 15015G25KT 9999 DRSN 510004 GRID32015G25KT

## MCMURDO HELIPAD FORECAST (VALID TIME: 08/0600L – 08/1800L)

**SFC WIND (TRUE):** 04010KT TEMPO 11-16L 09015G25KT

**SFC VISIBILITY (SM):** UNR

**SKY CONDITION (MSL):** SCT090 SCT200

**MIN ALSTG:** 2926INS

**HAZARDS:** NIL TEMPO 11-16L LGT TURBC SFC-015

## SITE & AREA FORECASTS (VALID TIME: 08/0600L – 08/1800L)

### SCOTT BASE

**SFC WIND (TRUE):** 04010KT TEMPO 11-16L 14015G25KT

**SFC VISIBILITY (SM):** UNR

**SKY CONDITION (MSL):** SCT090 SCT200

**MIN ALSTG:** 2926INS

**HAZARDS:** NIL TEMPO 11-16L LGT TURBC SFC-015

**BLACK ISLAND**

**SFC WIND (TRUE):** VRB06KT BECMG 18030G40KT AFT 11L  
**SFC VISIBILITY (SM):** UNR  
**SKY CONDITION (MSL):** SCT090 SCT200  
**MIN ALSTG:** 2924INS  
**HAZARDS:** NIL BECMG MDT OCNL SEV TURBC SFC-100 AFT 11L

**MARBLE PT**

**SFC WIND (TRUE):** 22006KT BECMG 13010KT AFT 15L  
**SFC VISIBILITY (SM):** UNR  
**SKY CONDITION (MSL):** SCT090 SCT200  
**MIN ALSTG:** 2928INS  
**HAZARDS:** NIL

**LAKE HOARE**

**SFC WIND (TRUE):** 24013KT BECMG 07010KT AFT 13L  
**SFC VISIBILITY (SM):** UNR  
**SKY CONDITION (MSL):** SCT090 SCT200  
**MIN ALSTG:** 2924INS  
**HAZARDS:** NIL

**LAKE FRYXELL**

**SFC WIND (TRUE):** VRB05KT BECMG 12008KT AFT 13L  
**SFC VISIBILITY (SM):** UNR  
**SKY CONDITION (MSL):** SCT090 SCT200  
**MIN ALSTG:** 2929INS  
**HAZARDS:** NIL

**MT TERROR**

**SFC WIND (TRUE):** 18015KT  
**SFC VISIBILITY (SM):** UNR DRSN OCNL 1-3 –SN AND CLOUD  
**SKY CONDITION (MSL):** SCT200 OCNL VV006  
**MIN ALSTG:** 2856INS  
**HAZARDS:** NIL

**HOOPERS SHOULDER**

**SFC WIND (TRUE):** 14015KT  
**SFC VISIBILITY (SM):** UNR DRSN OCNL 1-3 –SN AND CLOUD  
**SKY CONDITION (MSL):** SCT200 OCNL VV006  
**MIN ALSTG:** 2850INS  
**HAZARDS:** NIL

**CAPE CROZIER**

**SFC WIND (TRUE):** 22023G33KT  
**SFC VISIBILITY (SM):** 1-3 BLSN  
**SKY CONDITION (MSL):** SCT090 SCT200  
**MIN ALSTG:** 2925INS  
**HAZARDS:** LGT OCNL MDT TURBC SFC-010

**CONEZ**

**SFC WIND (TRUE):** 14015KT

**SFC VISIBILITY (SM):** UNR DRSN OCNL 1-3 –SN AND CLOUD

**SKY CONDITION (MSL):** SCT200 OCNL VV006

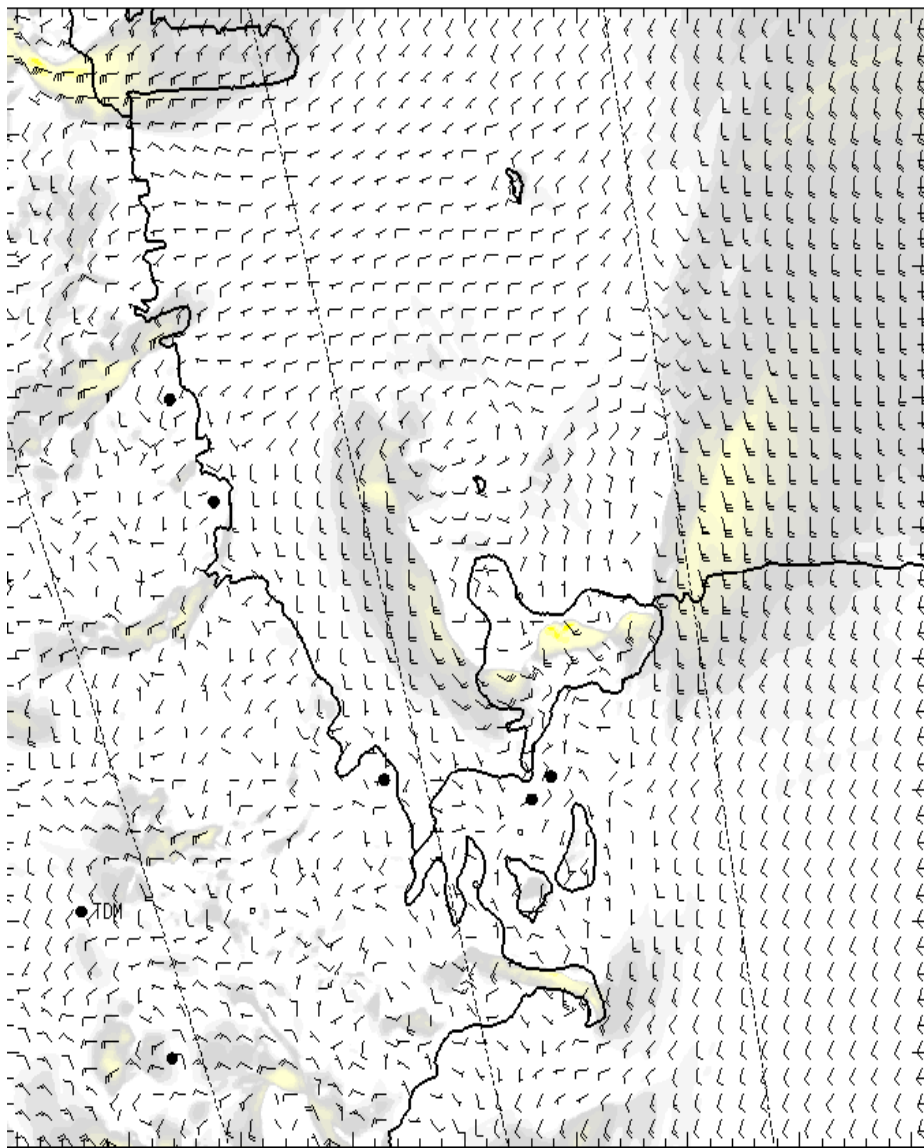
**MIN ALSTG:** 2846INS

**HAZARDS:** NIL

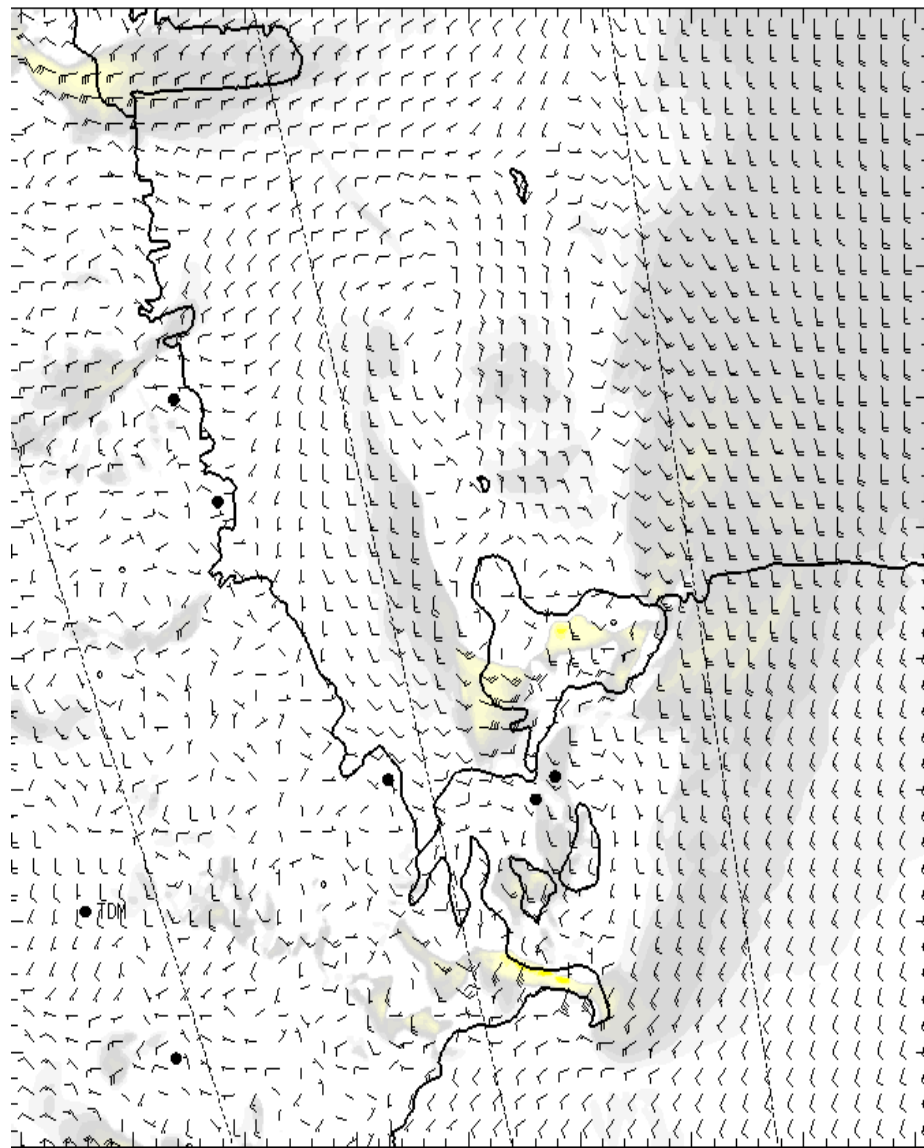
**NIGHT AREA OUTLOOKS (VALID TIME: 08/1800L – 09/0600L)**

NIL

# SFC

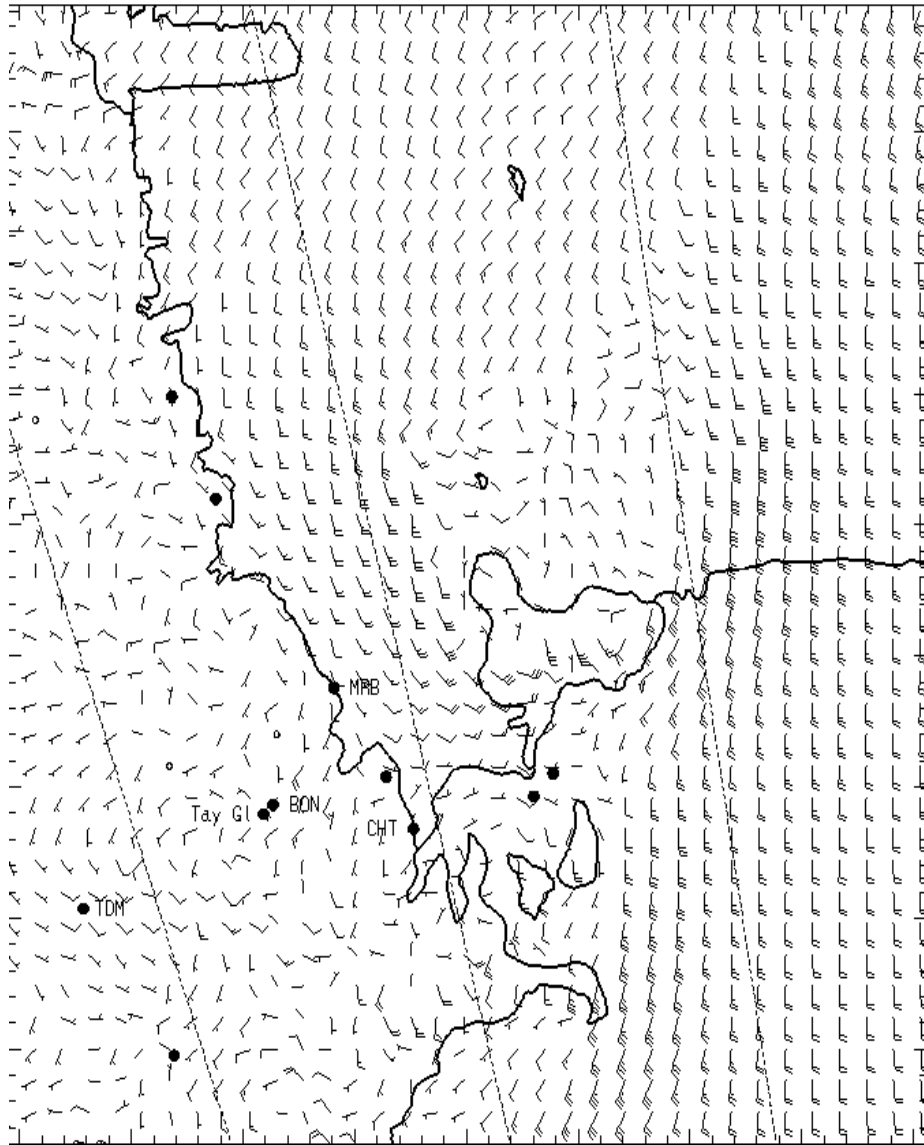


0700L

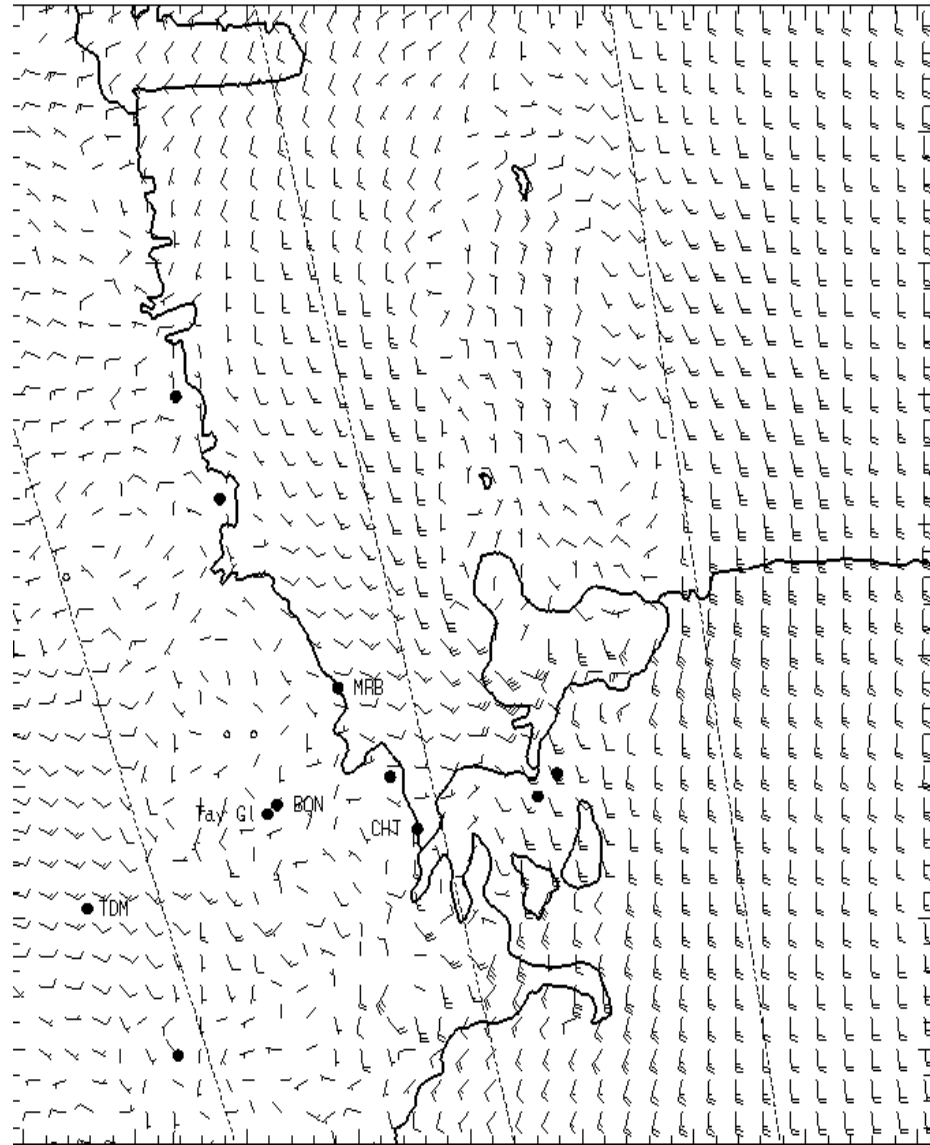


1300L

# 1,000 ft AGL

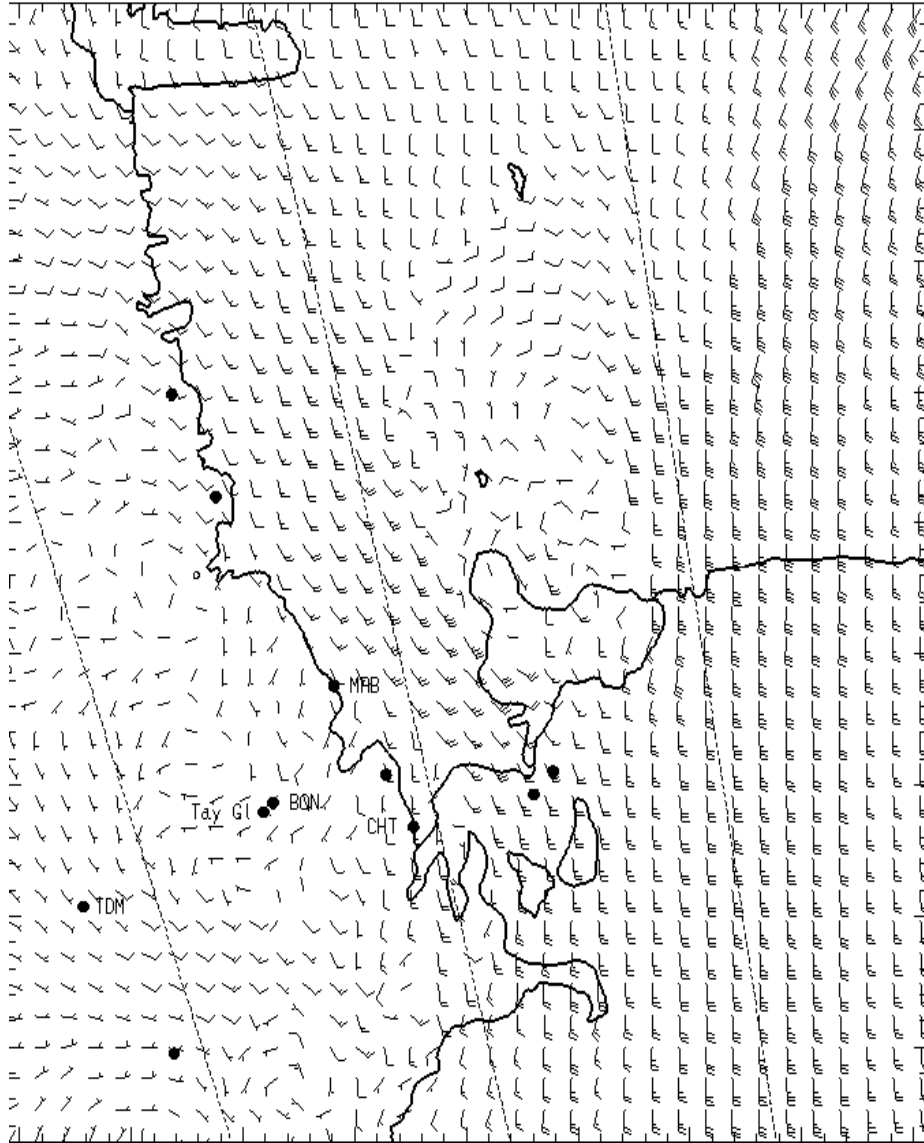


0700L

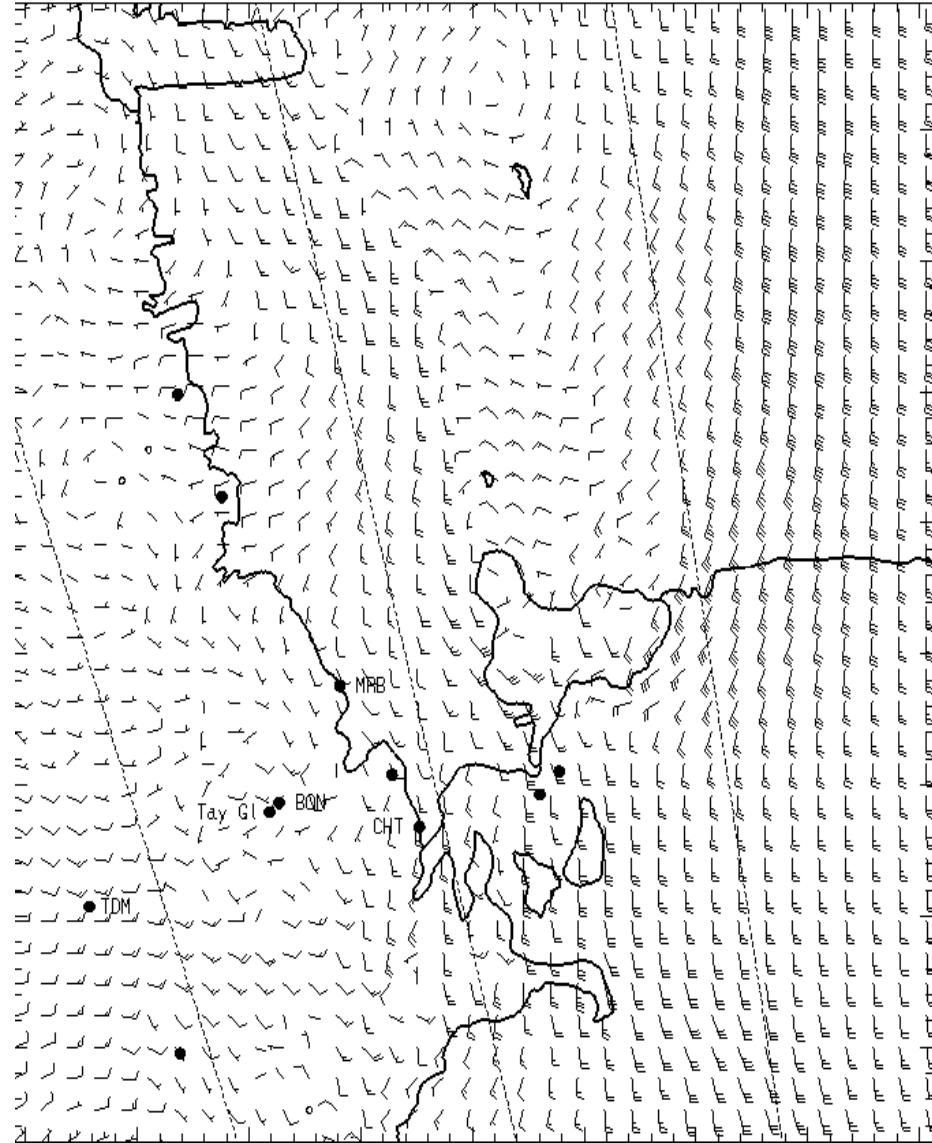


1300L

# 3,000 ft AGL

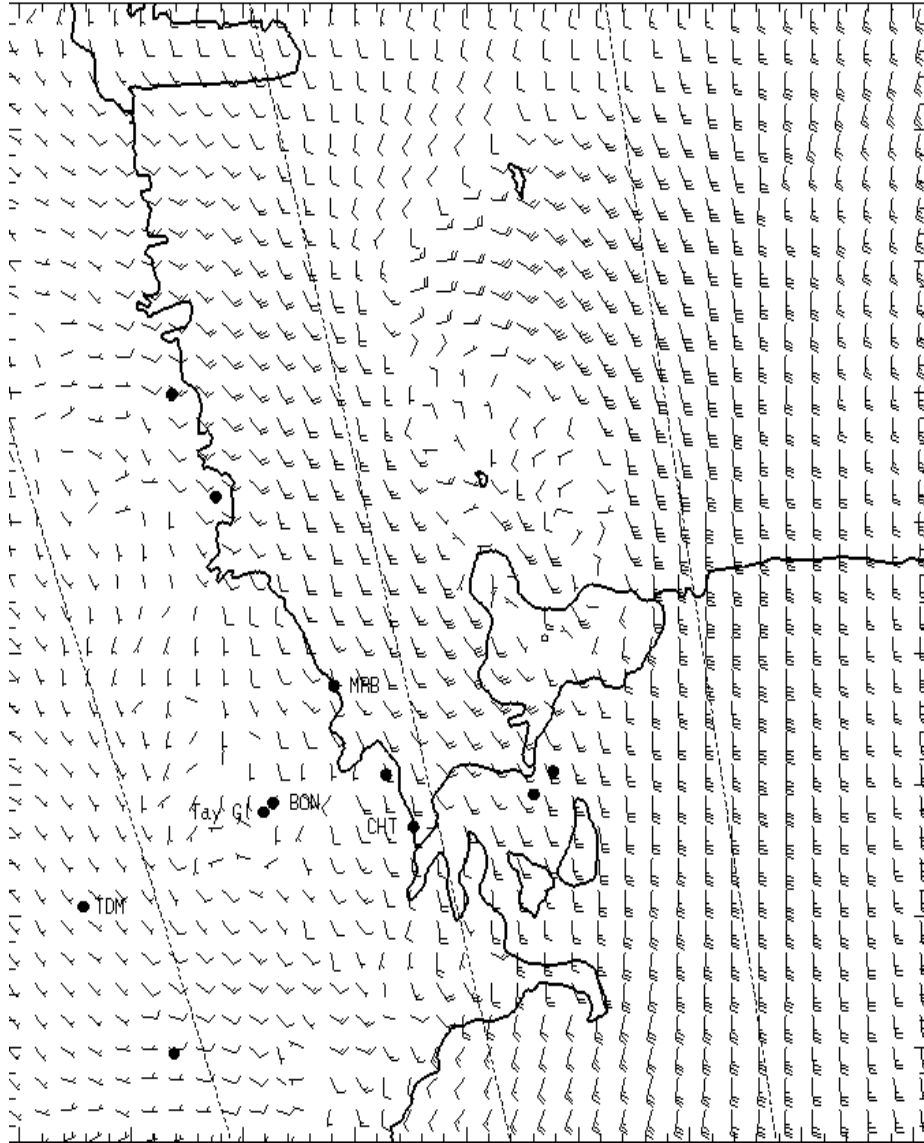


0700L

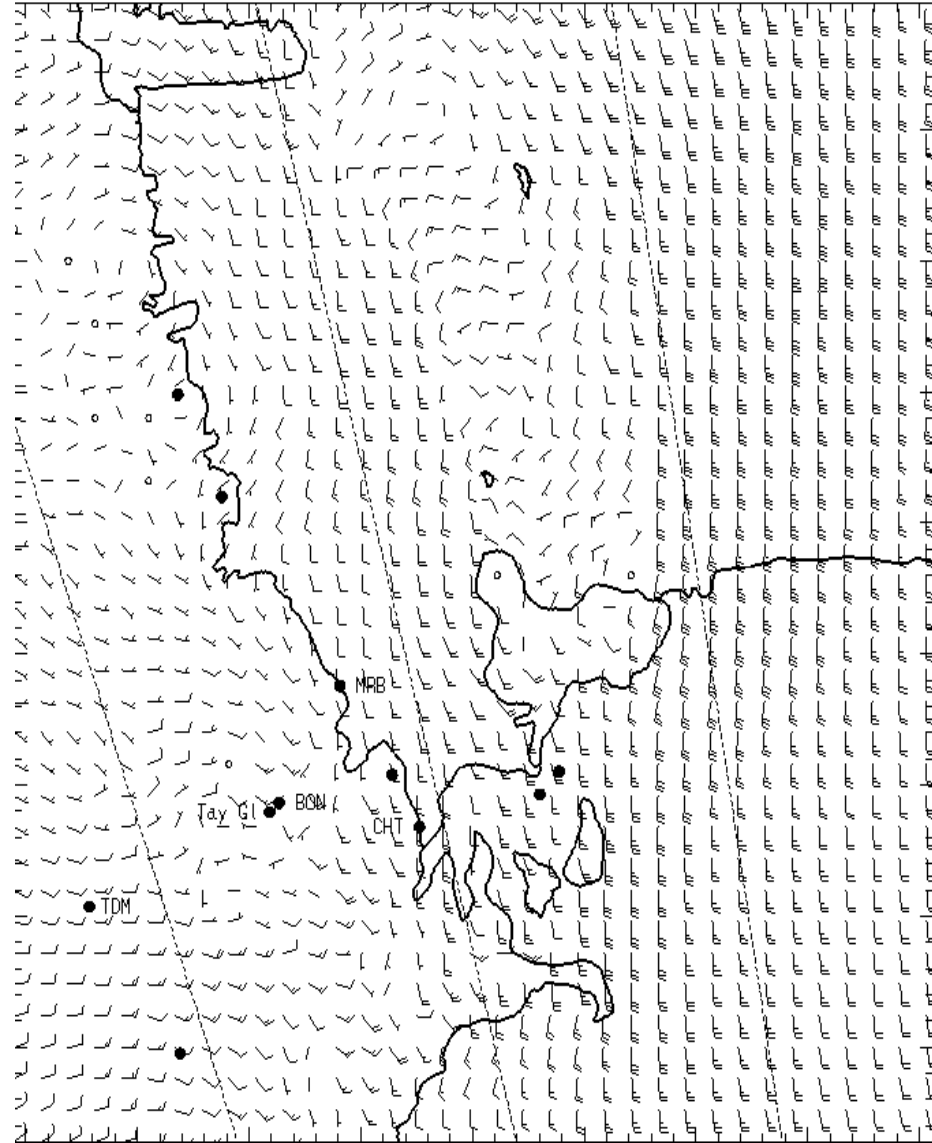


1300L

# 5,000 ft AGL



0700L



1300L