



# HELO Weather

**McMurdo Weather**  
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Duty Forecaster: x42524  
Briefing Counter: x43353

Date (L): Monday, 6 February 2023

Brief Time (L): 0615

Briefing Number: 02-05

FCSTR: Jeff Fournier

## REGIONAL SUMMARY

A large low pressure system will remain over the eastern Ross Ice Shelf. Its main influence on our local weather will be to bring occasional mostly cloudy periods (except for the Dry Valleys), as minor disturbances rotate northward over the Ice Shelf. VFR flying conditions and light winds will be the rule today. However, there remains enough moisture in the 070-130 ft above MSL layer for clouds and light snow to form at times near the higher elevation sites, including Mt Erebus and Peak 1882.

## HAZARDS

IFR VISIBILITY (HORIZONTAL AND VERTICAL) MT EREBUS AND PEAK 1882.  
ISOLATED LIGHT TURBULENCE POSSIBLE NEAR RUGGED TERRAIN.  
TRACE ICING IN CLOUDS BELOW 130 FT ABOVE MSL.

## LATEST MCMURDO OBSERVATION

METAR ZCMA 051617Z AUTO VRB03KT 9999 OVC080 M04/M13 A2906 RMK AO2 SLP846

## RUNWAY TAFS

TAF NZWD 051456Z 0515/0615 (0604/0704NZDT) VRB06KT 9999 SCT070 BKN120 QNH2907INS

TAF NZFX 051456Z 0515/0615 (0604/0704NZDT) VRB06KT 9999 SCT070 BKN120 QNH2907INS

## MCMURDO HELIPAD FORECAST (VALID TIME: 06/0600L – 06/1800L)

SFC WIND (TRUE): 34007KT  
SFC VISIBILITY (SM): UNR  
SKY CONDITION (MSL): SCT-BKN070 BKN120  
MIN ALSTG: 2908INS  
HAZARDS: NIL

## SITE & AREA FORECASTS (VALID TIME: 06/0600L – 06/1800L)

### SCOTT BASE

SFC WIND (TRUE): 34007KT  
SFC VISIBILITY (SM): UNR  
SKY CONDITION (MSL): SCT-BKN070 BKN120  
MIN ALSTG: 2908INS  
HAZARDS: NIL

**BLACK ISLAND**

**SFC WIND (TRUE):** 35006KT  
**SFC VISIBILITY (SM):** UNR  
**SKY CONDITION (MSL):** SCT-BKN070 BKN120  
**MIN ALSTG:** 2905INS  
**HAZARDS:** NIL

**MARBLE PT**

**SFC WIND (TRUE):** VRB05KT  
**SFC VISIBILITY (SM):** UNR  
**SKY CONDITION (MSL):** SCT070 SCT120  
**MIN ALSTG:** 2908INS  
**HAZARDS:** NIL

**LK HOARE**

**SFC WIND (TRUE):** 25010 BECMG VRB06KT AFT 11L  
**SFC VISIBILITY (SM):** UNR  
**SKY CONDITION (MSL):** SCT070 SCT120  
**MIN ALSTG:** 2903INS  
**HAZARDS:** NIL

**LAKE FRYXELL**

**SFC WIND (TRUE):** VRB06KT  
**SFC VISIBILITY (SM):** UNR  
**SKY CONDITION (MSL):** SCT070 SCT120  
**MIN ALSTG:** 2909INS  
**HAZARDS:** NIL

**F6**

**SFC WIND (TRUE):** VRB06KT  
**SFC VISIBILITY (SM):** UNR  
**SKY CONDITION (MSL):** SCT070 SCT120  
**MIN ALSTG:** 2909INS  
**HAZARDS:** NIL

**PK 1882**

**SFC WIND (TRUE):** VRB06KT  
**SFC VISIBILITY (SM):** <1 -3 -SN BR TEMPO UNR BEFORE 09L  
**SKY CONDITION (MSL):** VV006 TEMPO SCT-BKN070 BKN120 BEFORE 09L  
**MIN ALSTG:** 2868INS  
**HAZARDS:** TRACE ICG IN CLOUD

**CAPE CROZIER**

**SFC WIND (TRUE):** 18010KT  
**SFC VISIBILITY (SM):** UNR  
**SKY CONDITION (MSL):** SCT—BKN070 BKN120  
**MIN ALSTG:** 2908INS  
**HAZARDS:** NIL

**CAPE ROYDS**

**SFC WIND (TRUE):** VRB06KT BECMG 03008KT AFT 11L

**SFC VISIBILITY (SM):** UNR

**SKY CONDITION (MSL):** SCT—BKN070 BKN120

**MIN ALSTG:** 2905INS

**HAZARDS:** NIL

**LOWER EREBUS HUT**

**SFC WIND (TRUE):** 12012KT BECMG VRB06KT AFT 10L

**SFC VISIBILITY (SM):** UNR BECMG <1-3 –SN AND CLOUD AFT 10L, TEMPO UNR

**SKY CONDITION (MSL):** BKN120 BECMG VV006 AFT 10L, TEMPO BKN120

**MIN ALSTG:** 2830INS

**HAZARDS:** TRACE ICG IN CLOUD

**CONEZ**

**SFC WIND (TRUE):** 12012KT BECMG VRB06KT AFT 10L

**SFC VISIBILITY (SM):** UNR BECMG <1-3 –SN AND CLOUD AFT 10L, TEMPO UNR

**SKY CONDITION (MSL):** BKN120 BECMG VV006 AFT 10L, TEMPO BKN120

**MIN ALSTG:** 2830INS

**HAZARDS:** TRACE ICG IN CLOUD

**UPPER EREBUS APPLE**

**SFC WIND (TRUE):** 12012KT BECMG VRB06KT AFT 10L

**SFC VISIBILITY (SM):** UNR BECMG <1-3 –SN AND CLOUD AFT 10L, TEMPO UNR

**SKY CONDITION (MSL):** BKN120 BECMG VV006 AFT 10L, TEMPO BKN120

**MIN ALSTG:** 2830INS

**HAZARDS:** TRACE ICG IN CLOUD

**ROADEND NUNATAK**

**SFC WIND (TRUE):** 33020KT

**SFC VISIBILITY (SM):** 3-5 BLSN

**SKY CONDITION (MSL):** SCT070 SCT130

**MIN ALSTG:** 2875INS

**HAZARDS:** LGT TURBC SFC-005 ABOVE SITE

**TUATARA/BYRD GL**

**SFC WIND (TRUE):** 27007KT

**SFC VISIBILITY (SM):** UNR

**SKY CONDITION (MSL):** SCT070 SCT-BKN150

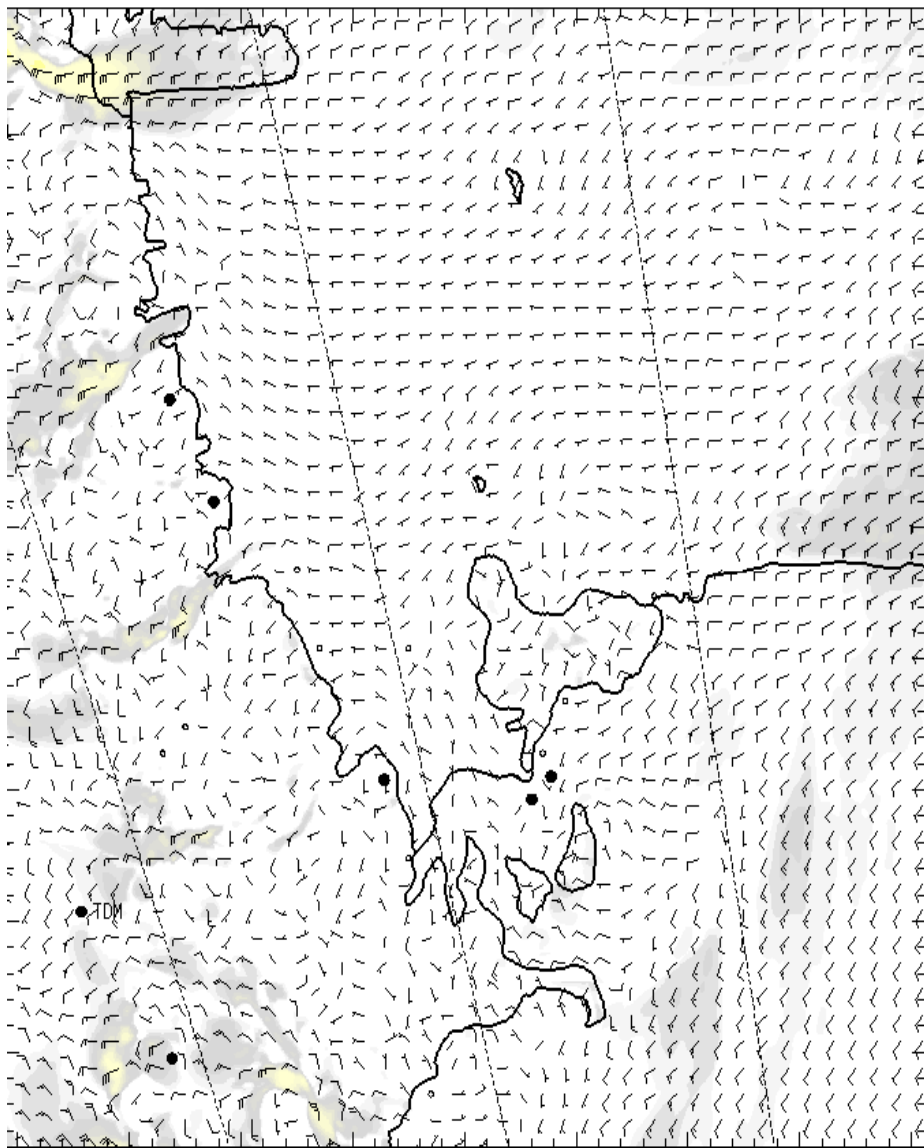
**MIN ALSTG:** 2868INS

**HAZARDS:** NIL

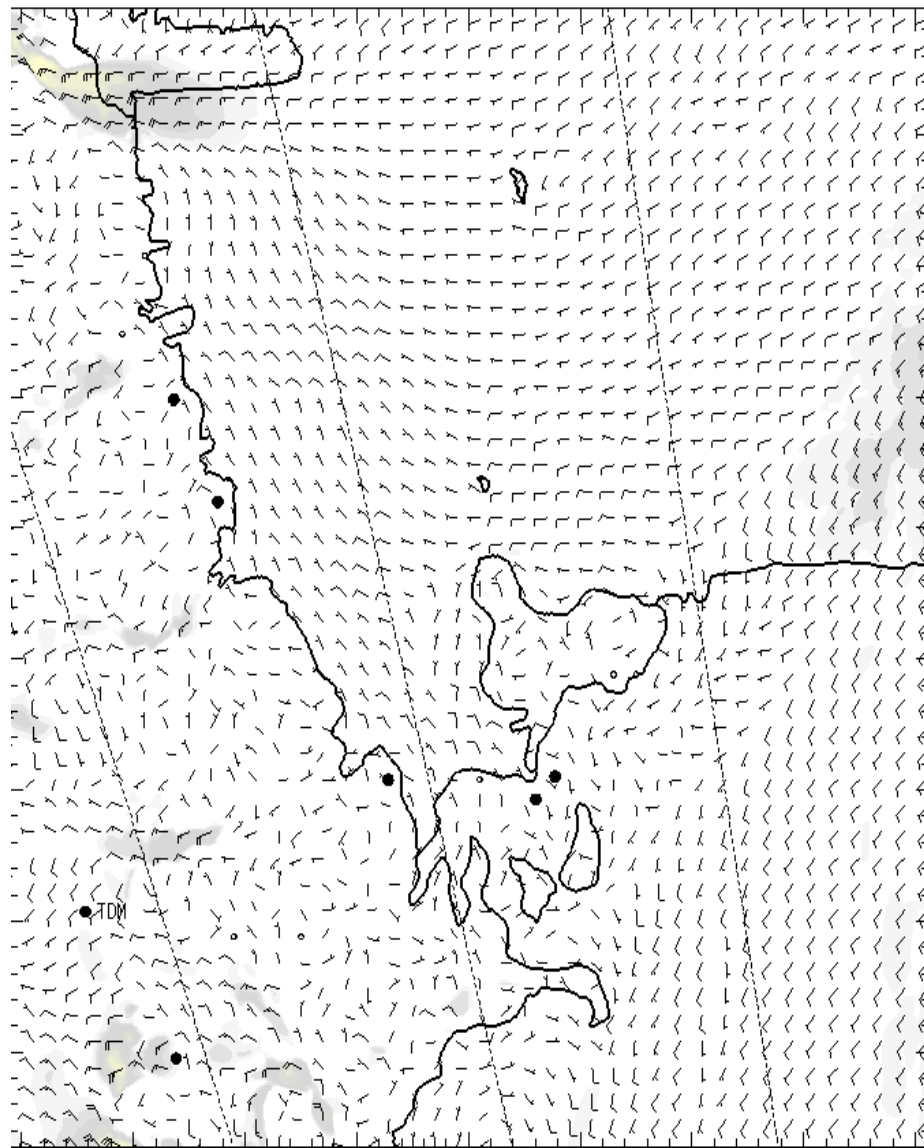
**NIGHT AREA OUTLOOKS (VALID TIME: 06/1800L – 07/0600L)**

NIL

# SFC

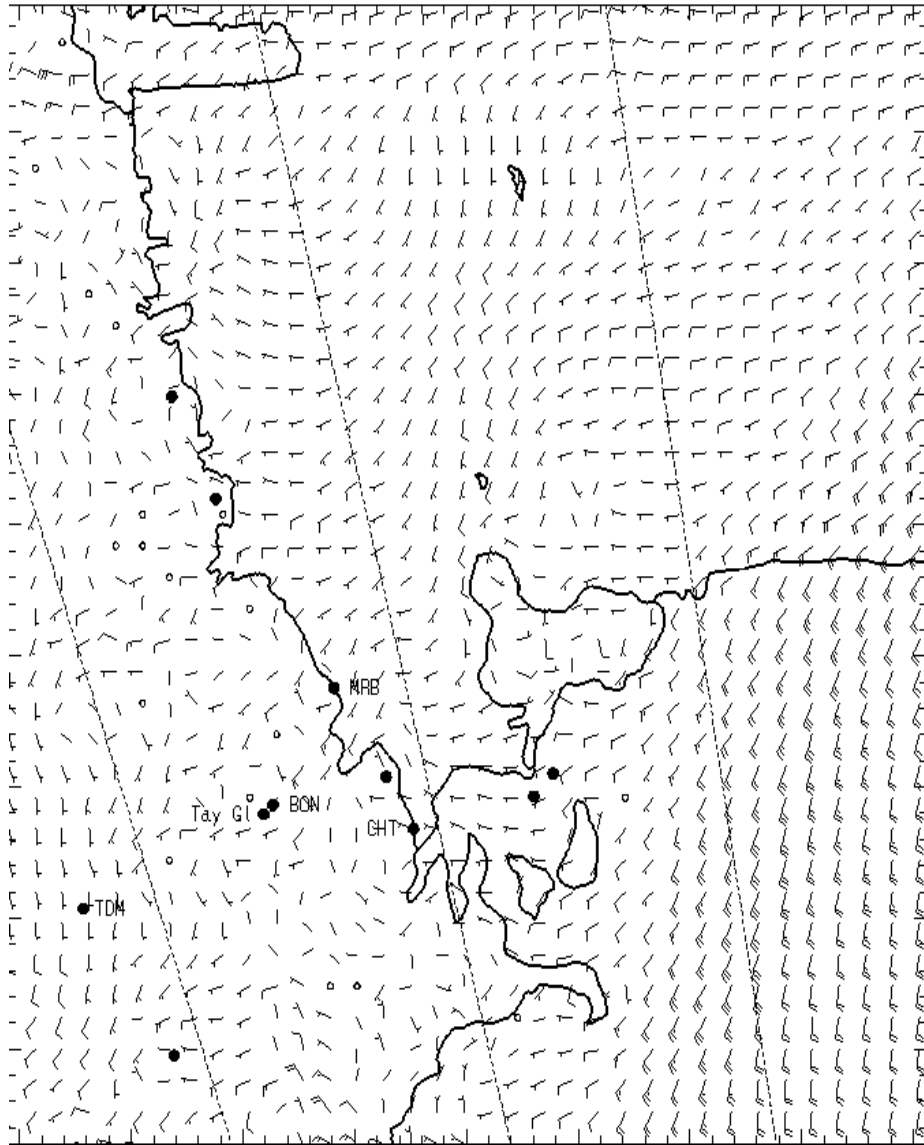


0700L

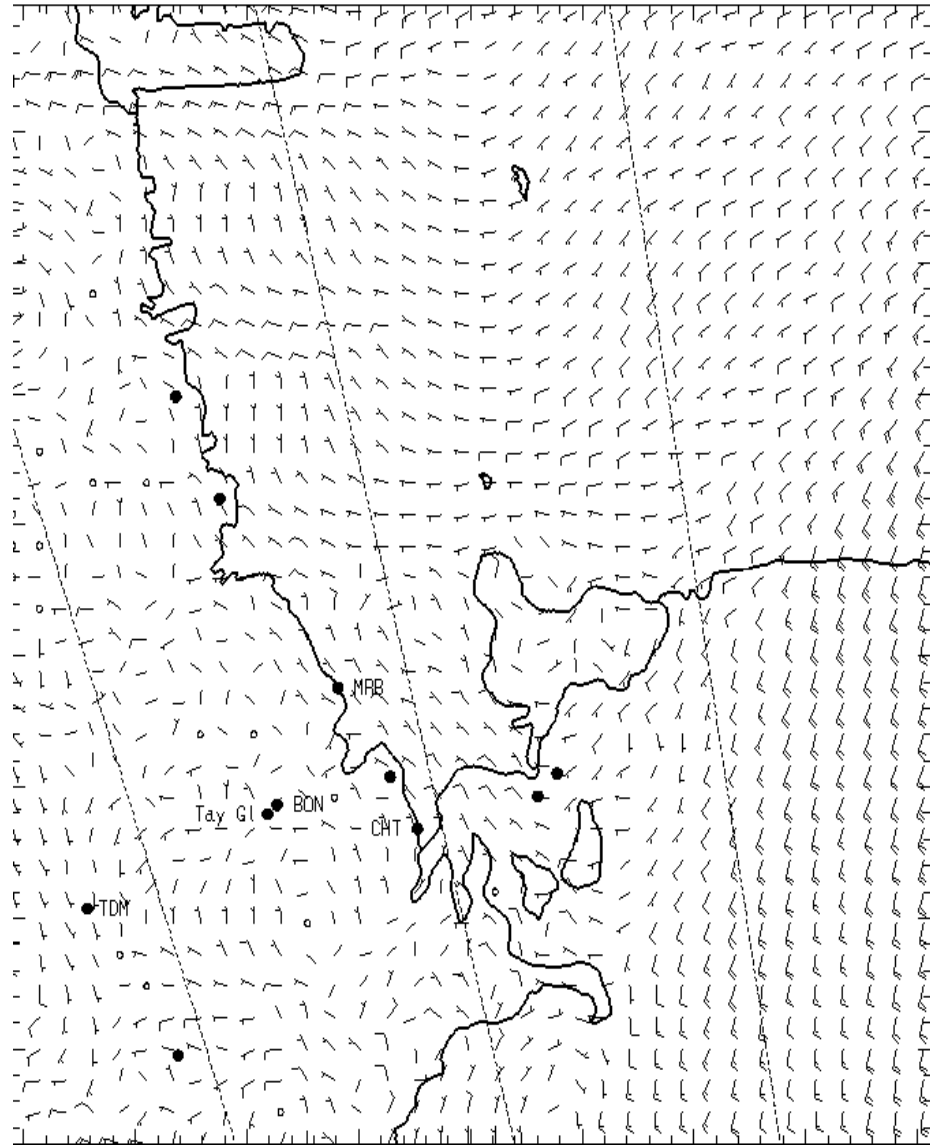


1300L

# 1,000 ft AGL

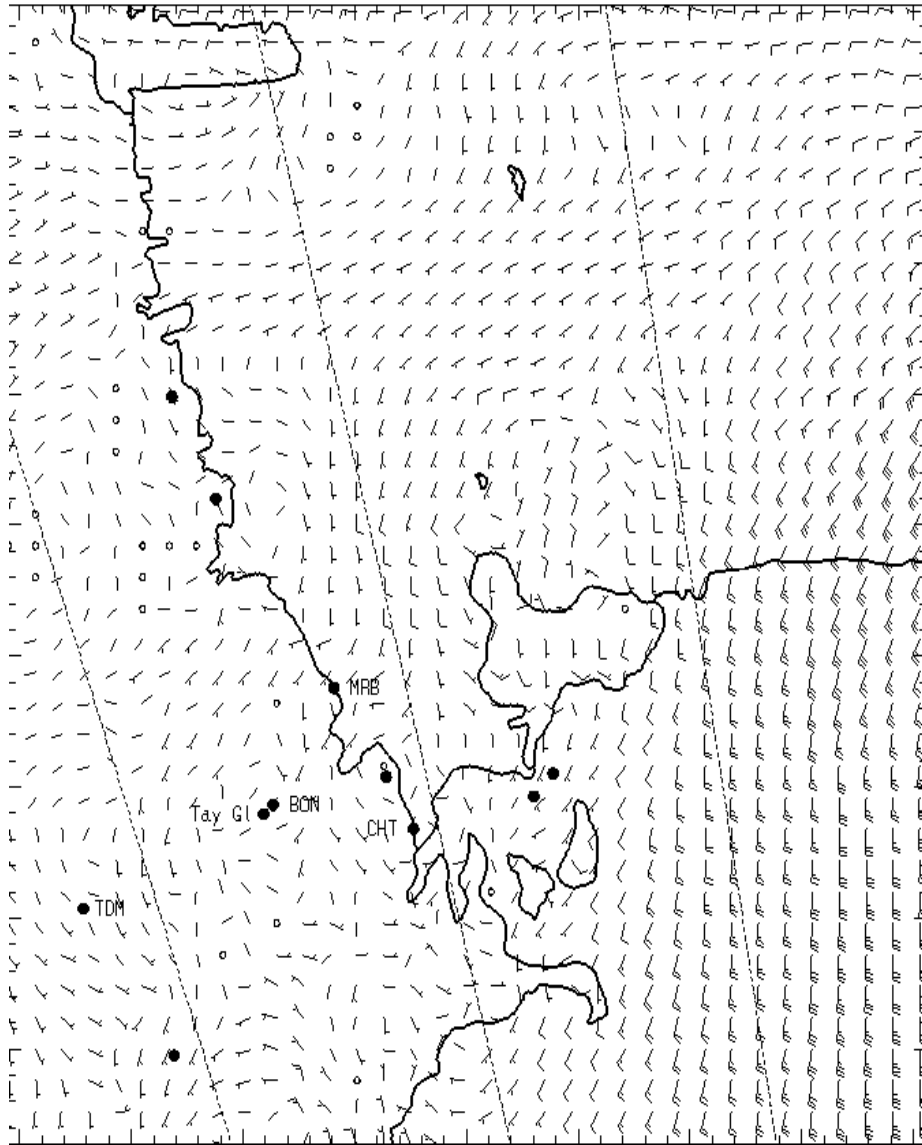


0700L

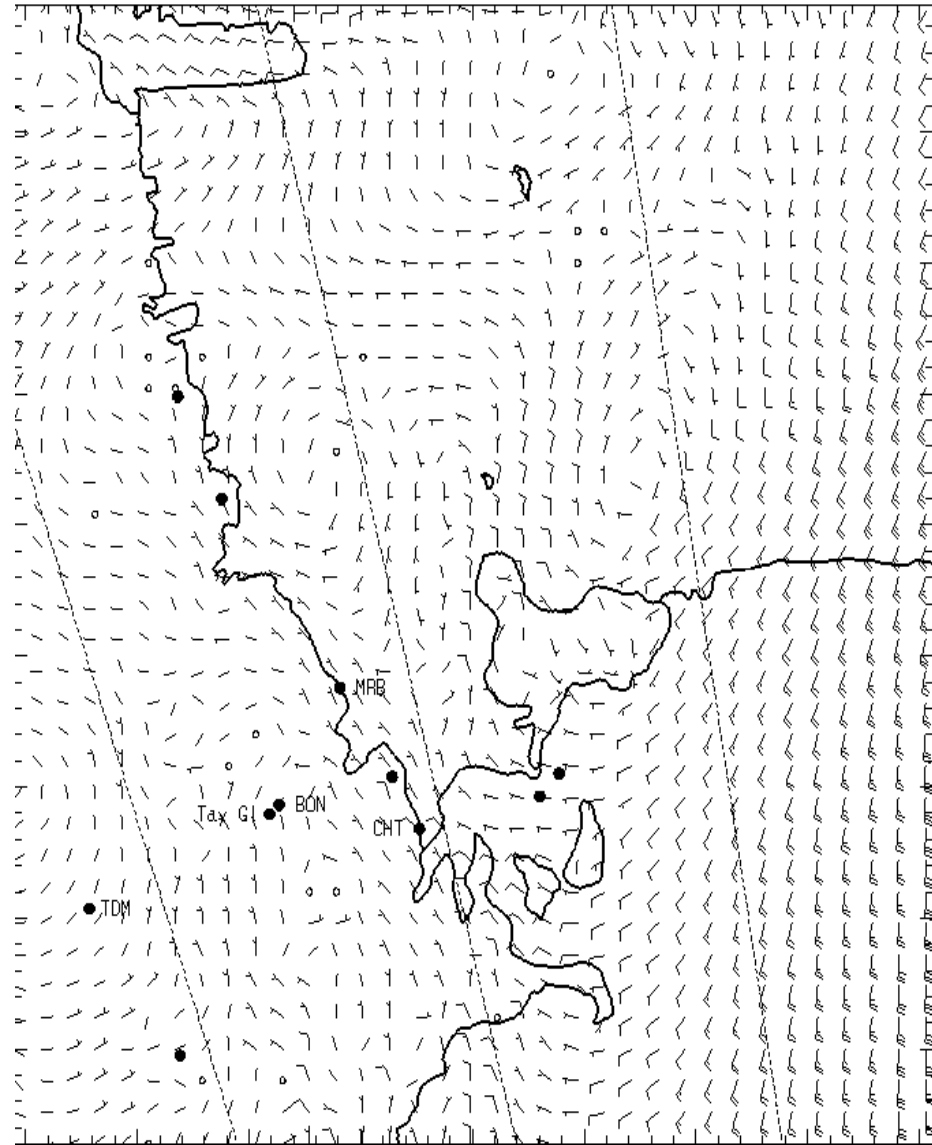


1300L

# 3,000 ft AGL

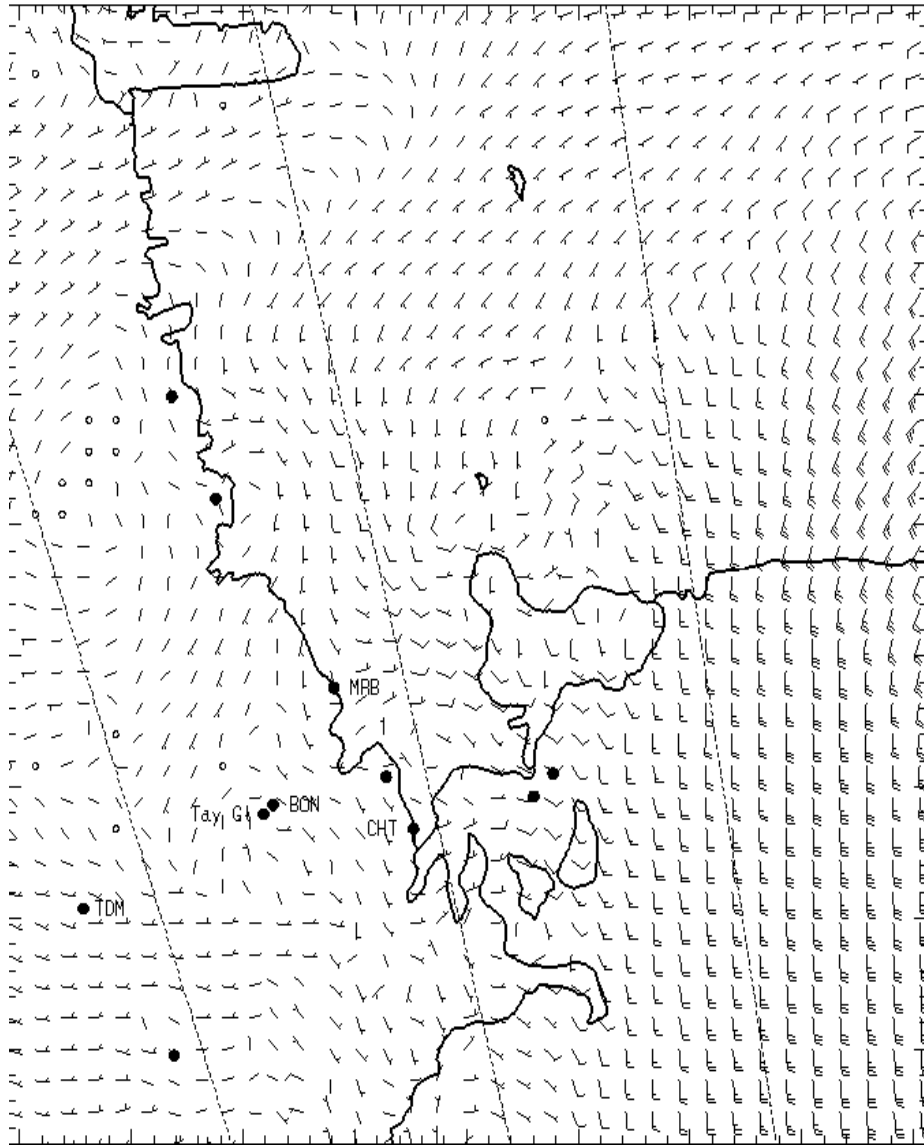


0700L

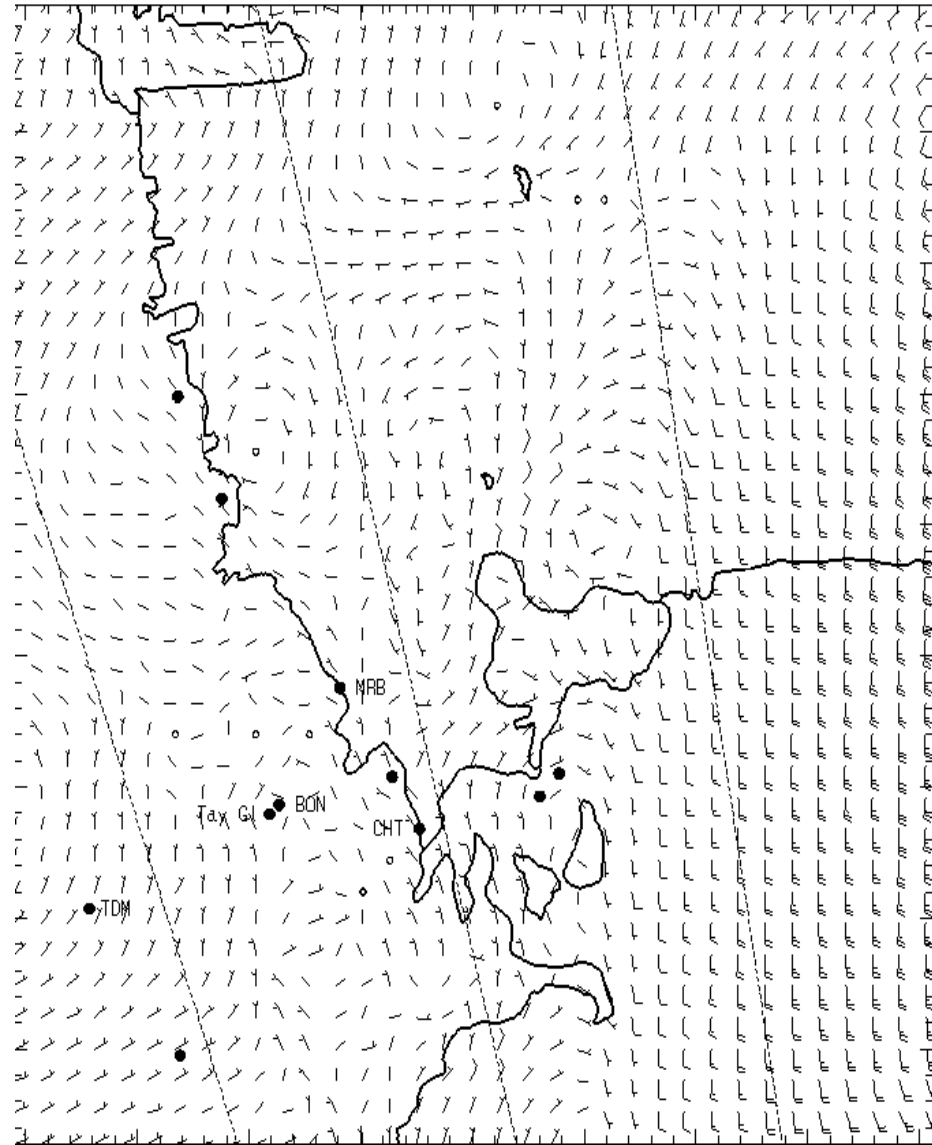


1300L

# 5,000 ft AGL



0700L



1300L