



# HELO Weather

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

Date (L): Wednesday 30 November 2022

Brief Time (L): 0615

Briefing Number: 11-25

FCSTR: John Meyer

## REGIONAL SUMMARY

The interaction of a broad low pressure system in NW Marie Byrd land and a ridge moving out of Victoria land into the Ross Sea will produce a NW flow over the western half of the Ice Shelf. This flow will advect moisture down the Sound with areas of low ceilings and periods of locally dense fog over the local area. Winds will be light and variable at most locations today, with a comparably light flow just above the surface.

## HAZARDS

Light rime icing in cloud at Biesiada Crevasse.

## LATEST MCMURDO OBSERVATION

METAR ZCMA 291612Z AUTO VRB05KT 9999 SKC M04/M08 A2933 RMK AO2 SLP937=

## RUNWAY TAFS

TAF NZFX 291456Z 2915/3015 (3004/0104NZDT) 32010KT 9999 SCT012 SCT180 QNH2928INS GRID13010KT  
BECMG 2918/2920 (3007/3009) VRB06KT 6000 BR BKN010 BKN120 QNH2919INS  
BECMG 3010/3012 (3023/0101) VRB06KT 1600 BR BKN008 BKN120 QNH2913INS

TAF NZWD 291456Z 2915/3015 (3004/0104NZDT) VRB06KT 9999 SCT010 SCT180 QNH2926INS  
BECMG 2919/2921 (3008/3010) VRB06KT 6000 BR BKN012 BKN120 QNH2918INS  
BECMG 3010/3012 (3023/0101) VRB06KT 2400 BR BKN010 BKN120 QNH2914INS

## MCMURDO HELIPAD FORECAST (VALID TIME: 30/0600L – 30/1800L)

**SFC WIND (TRUE):** VRB06KT  
**SFC VISIBILITY (SM):** UNRES BECMG 4 – 6 BR AFT 09L  
**SKY CONDITION (AGL):** SCT010 BECMG BKN010 AFT 09L  
**MIN ALSTG:** 2927INS  
**HAZARDS:** NIL

## SITE & AREA FORECASTS (VALID TIME: 30/0600L – 30/1800L)

### BIESADA CREVASSE AWS 108

**SFC WIND (TRUE):** 04010KT  
**SFC VISIBILITY (SM):** UNRES BECMG 1/2 – 1 AFT 14L  
**SKY CONDITION (AGL):** FEW010 SCT120 BECMG BKN005 AFT 14L  
**MIN ALSTG:** 2920INS  
**HAZARDS:** LGT RIME ICG IN CLOUD AFT 14L

**BLACK ISLAND**

**SFC WIND (TRUE):** 31015KT

**SFC VISIBILITY (SM):** UNRES BECMG 2 – 4 BR AFT 09L

**SKY CONDITION (AGL):** SCT010 BECMG BKN010 AFT 09L

**MIN ALSTG:** 2926INS

**HAZARDS:** NIL

**CAPE CROZIER, (And local ice edge)**

**SFC WIND (TRUE):** VRB06KT BECMG 18015KT AFT 16L

**SFC VISIBILITY (SM):** UNRES BECMG 4 – 6 BR AFT 12L

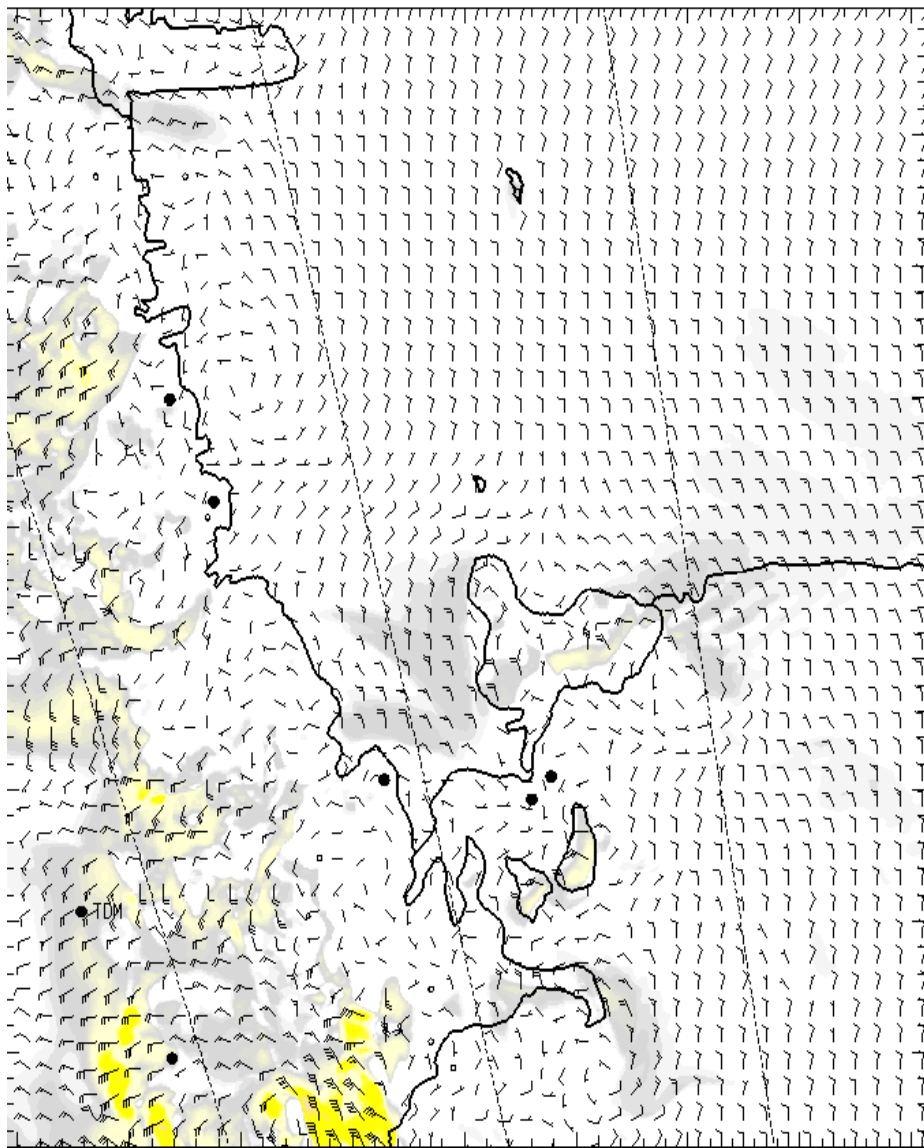
**SKY CONDITION (AGL):** FEW010 BECMG SCT010 AFT 12L

**MIN ALSTG:** 2925INS

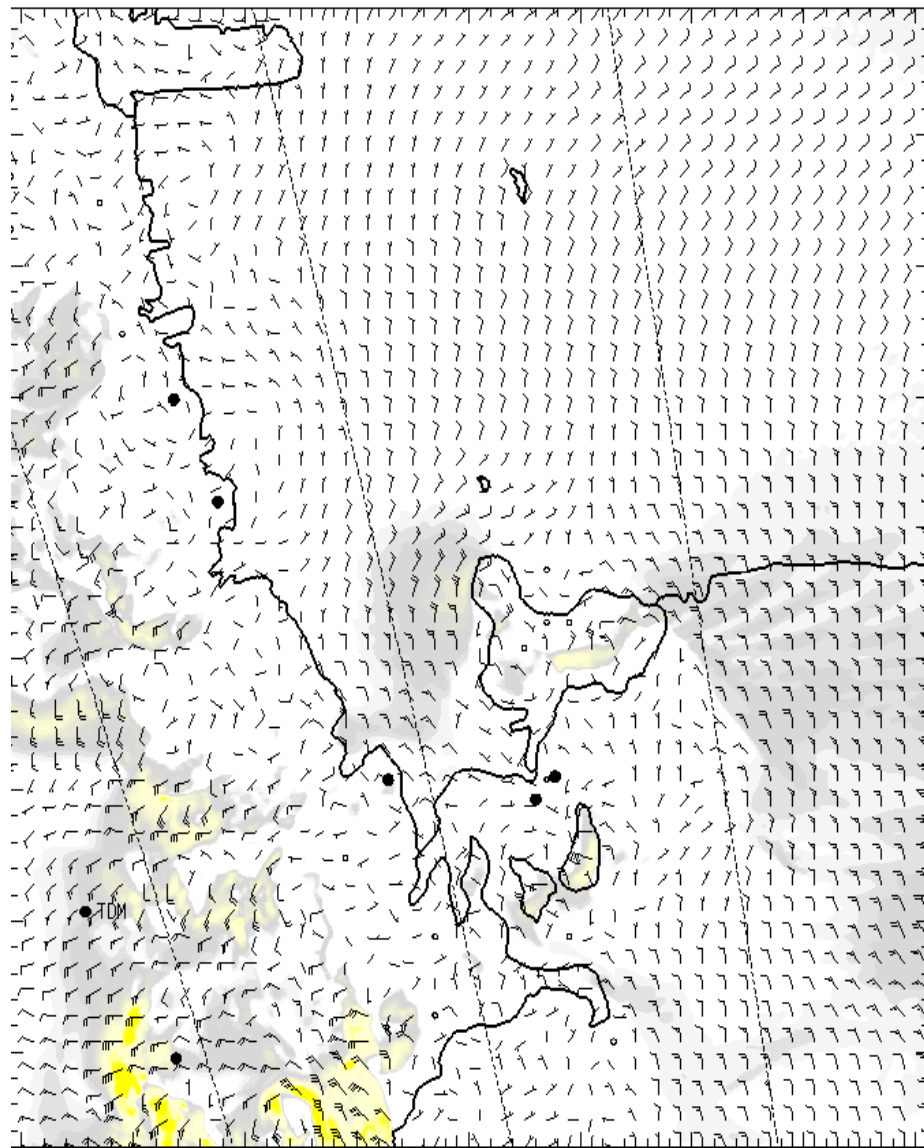
**HAZARDS:** NIL

**NIGHT AREA OUTLOOKS (VALID TIME: 30/1800L – 01/0600L)**

# SFC

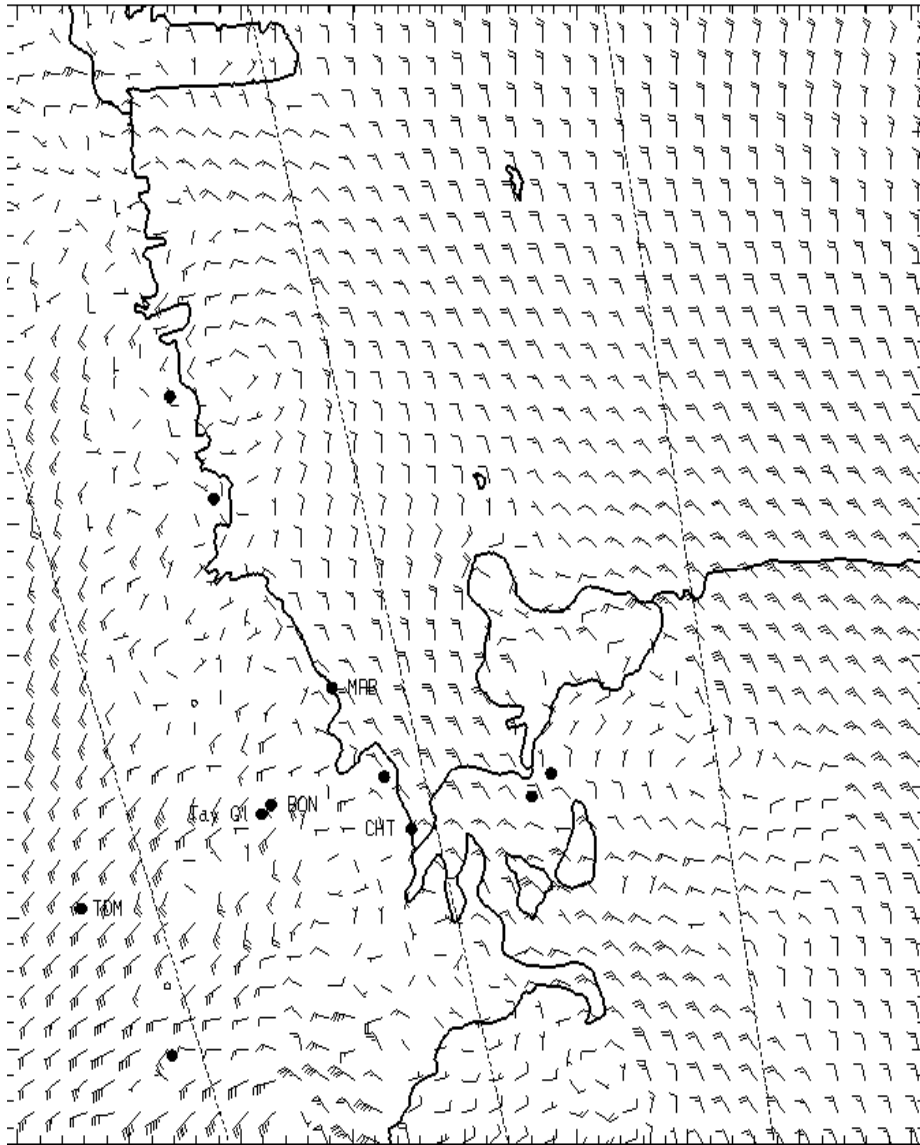


0700L

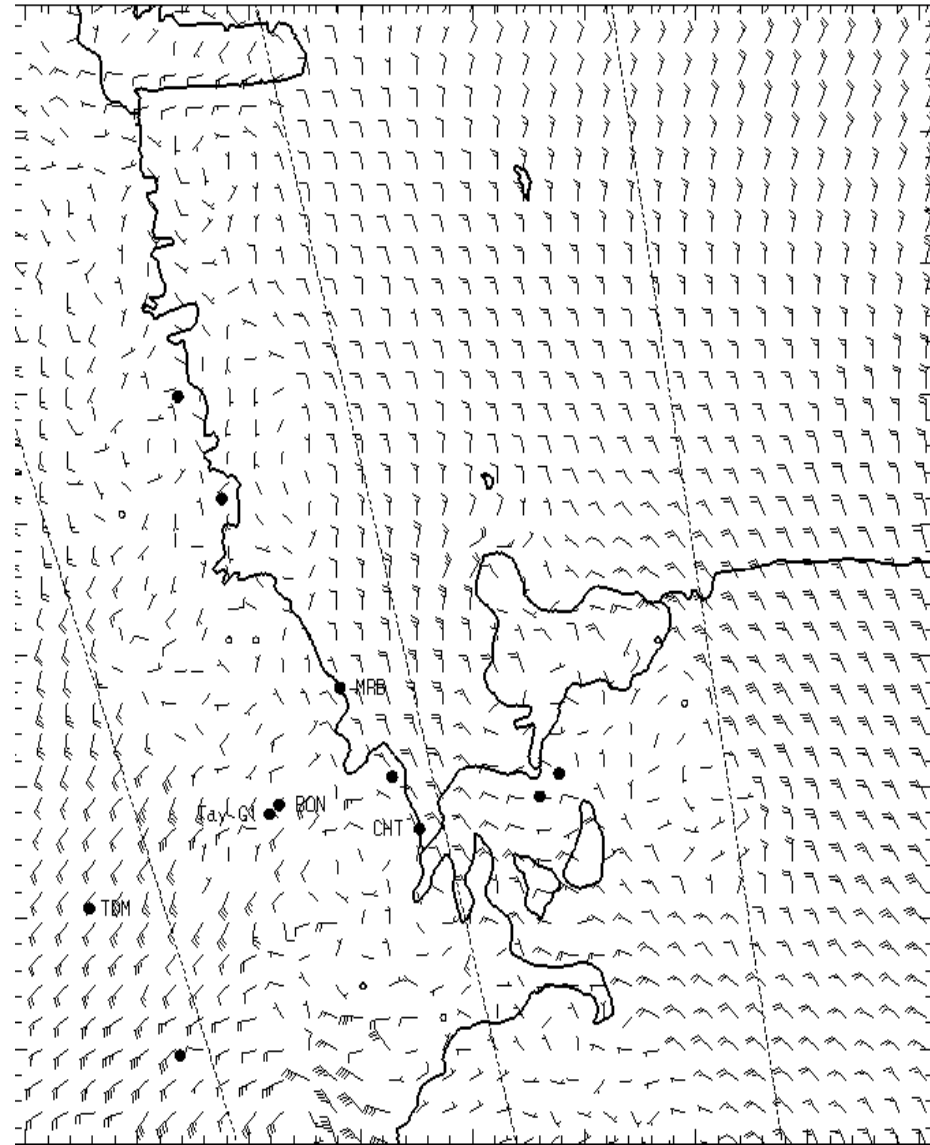


1300L

# 1,000 ft AGL

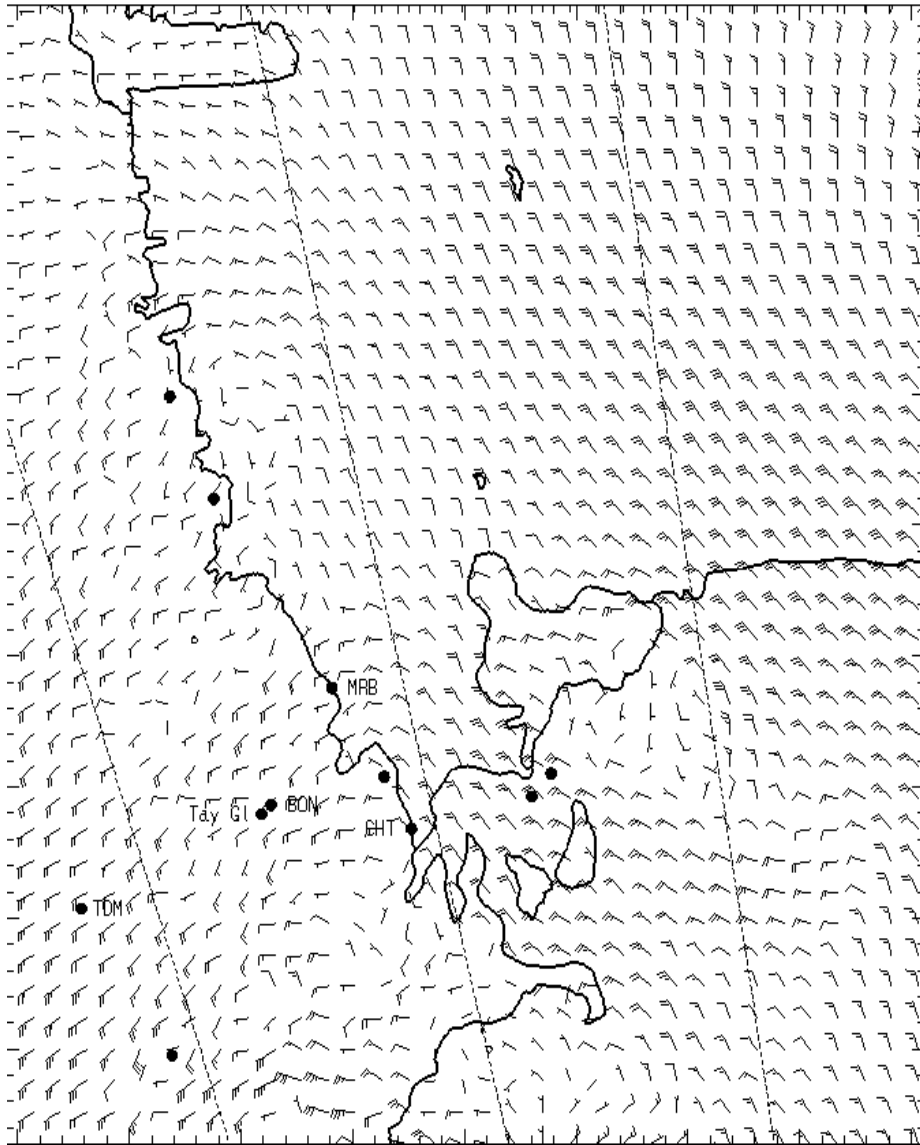


0700L

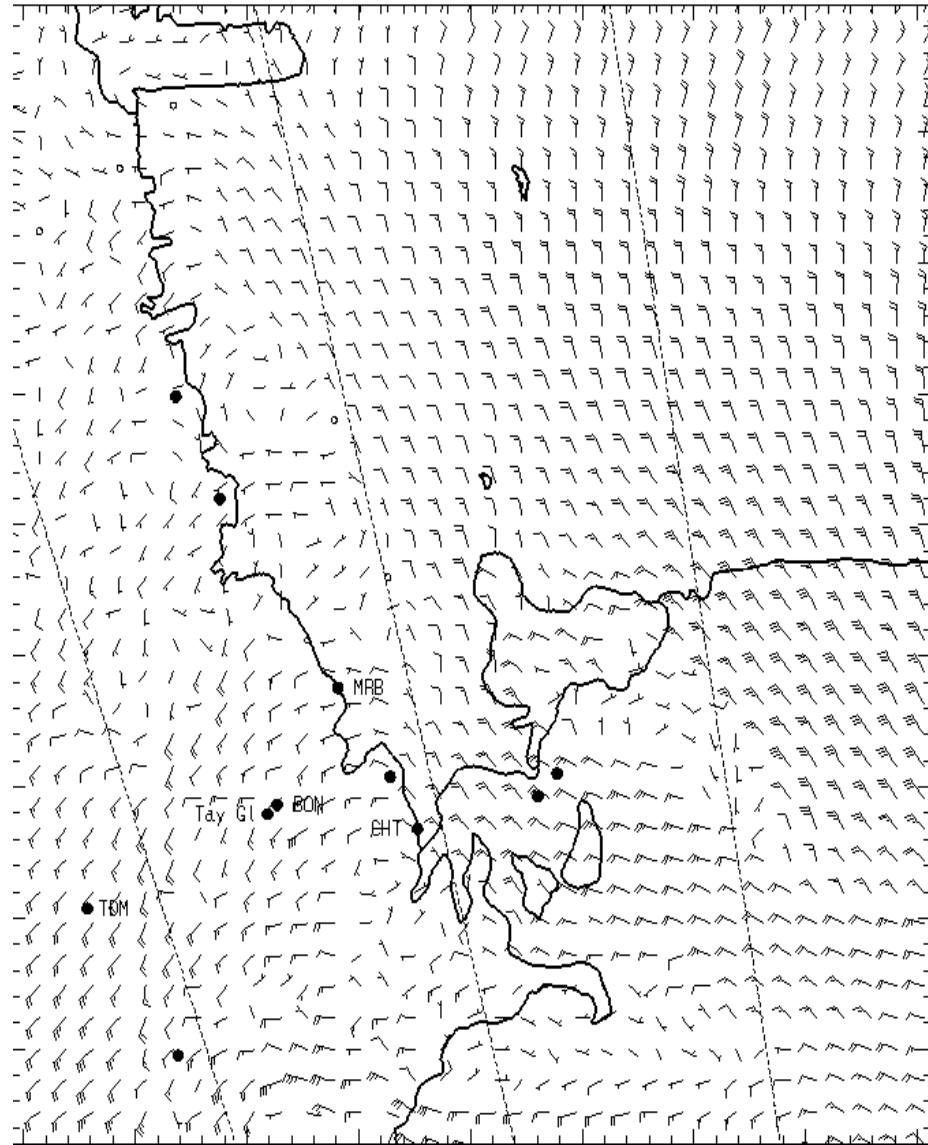


1300L

# 3,000 ft AGL

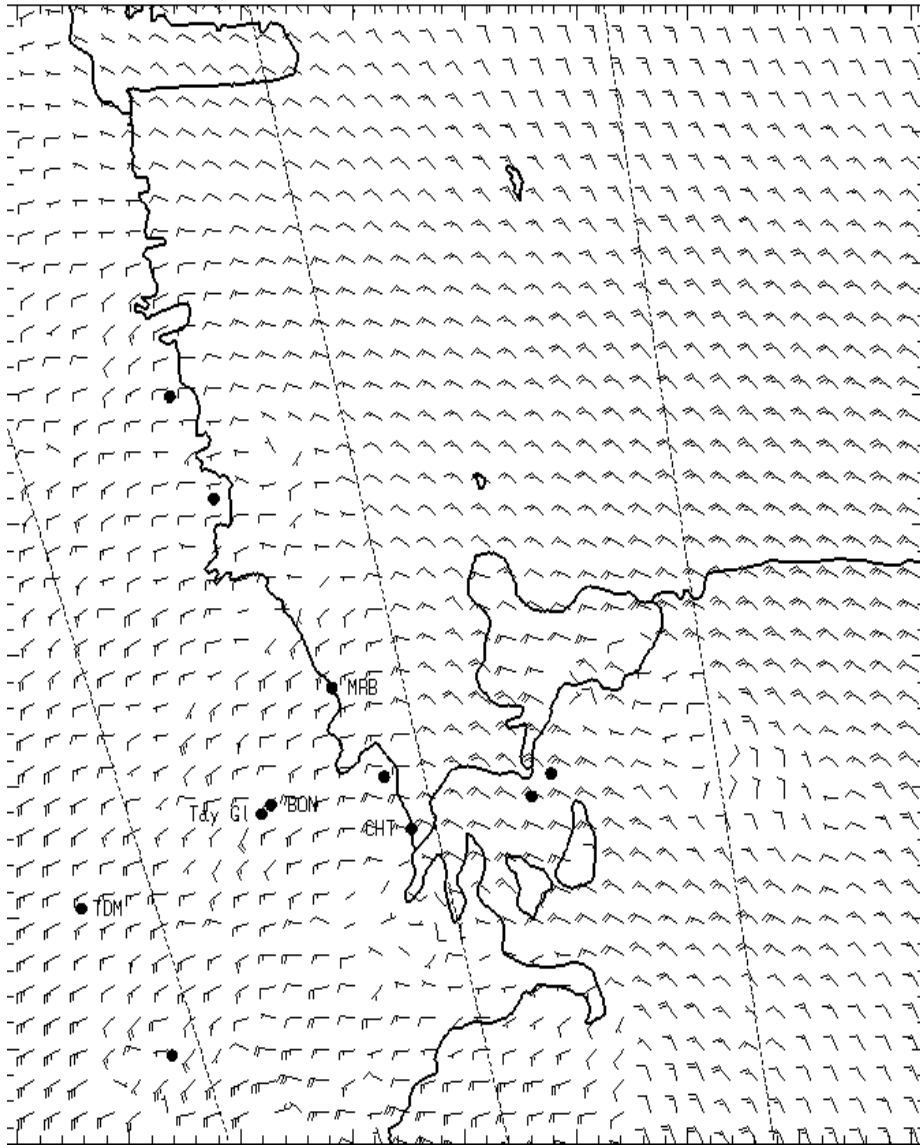


0700L

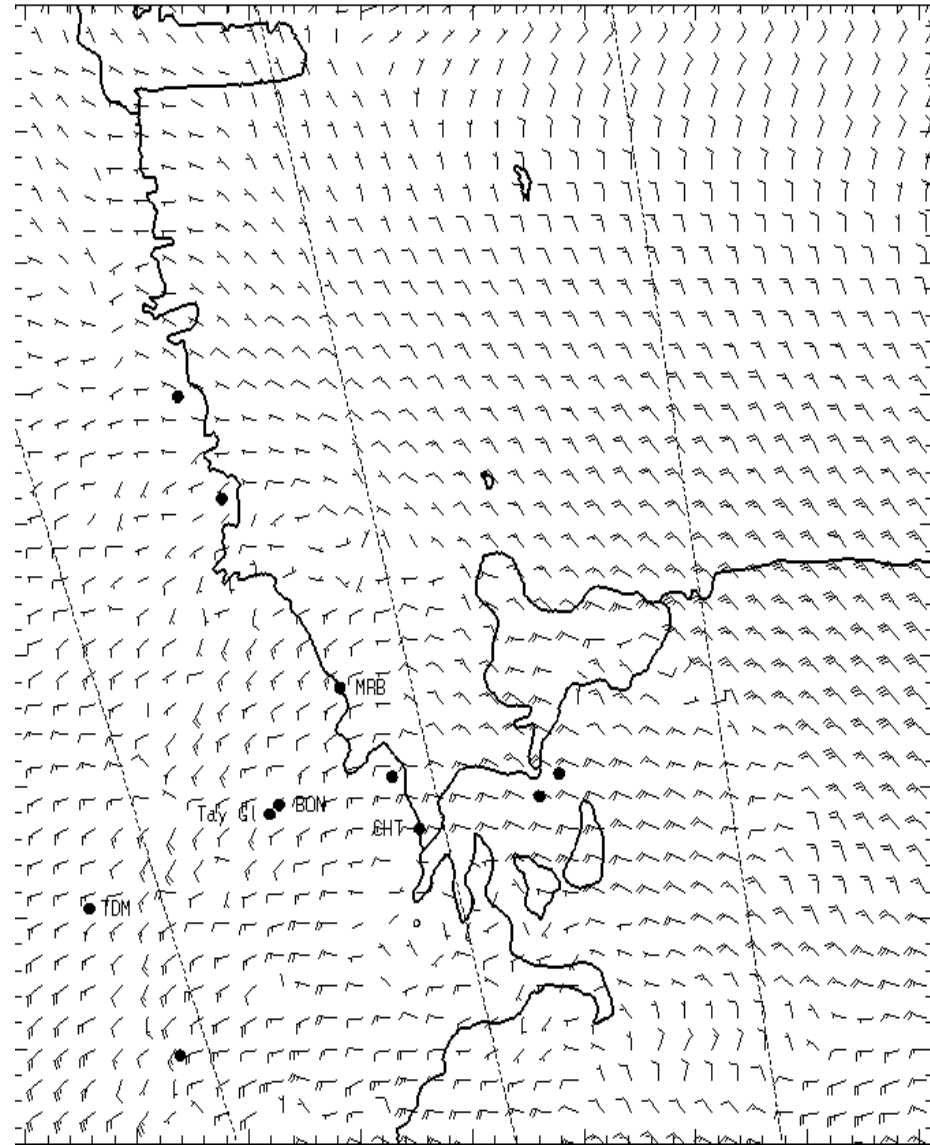


1300L

# 5,000 ft AGL



0700L



1300L