



# Helo Weather

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Date (L): Wed 22 December 2021

Brief Time (L): 0600

Briefing Number: 12-019

FCSTR: Paul Gulli

## REGIONAL SUMMARY

Low pressure over the Ross Sea has begun shifting toward the Ross Island region and will affect the area today with low ceilings and possibly reduced visibility over the island and McMurdo Ice Shelf. Satellite and webcam imagery indicate layers with clear air between them which should be favorable, and Dry Valleys locations should be less impacted by the low than areas toward the east.

## HAZARDS

Stratus clouds moving over the McMurdo Ice Shelf and Hut Point peninsula will contain Trace to Light Rime Icing, but should be relatively thin layers. Strong winds aloft will cause Moderate Turbulence near the peak of Mt. Erebus, and Light Turbulence early in the day over Ross Island and McMurdo Sound, easing as the afternoon progresses.

## LATEST MCMURDO OBSERVATION

METAR NZCM 211555Z AUTO 10015KT 9999 SKC M03/M07 A2898 RMK AO2 SLP815 T10301075 \$=

## RUNWAY TAFS

TAF NZFX 211459Z 2115/2215 (2204/2304NZDT) 07006KT 9999 FEW020 SCT050 SCT100 QNH2897INS GRID24006KT  
TEMPO 2115/2118 (2204/2207) 15015G25KT 9999 GRID32015G25KT  
BECMG 2116/2118 (2205/2207) 06012KT 3200 BR BKN010 QNH2883INS GRID23012KT

TAF NZWD 211459Z 2115/2215 (2204/2304NZDT) 08010KT 9999 FEW020 SCT050 SCT100 QNH2897INS GRID25010KT  
TEMPO 2115/2118 (2204/2207) 15015G20KT 9999 GRID32015G20KT  
BECMG 2116/2118 (2205/2207) 05012KT 3200 BR BKN010 QNH2884INS GRID22012KT

## MCMURDO HELIPAD FORECAST (VALID TIME: 22/0600L - 1800L)

**SFC WIND (TRUE):** 28015G25KT, 09013KT AFT 13L

**SFC VISIBILITY (SM):** 2 -SN BR

**SKY CONDITION (AGL):** BKN005 BKN100

**MIN ALSTG:** 28.79INS

**HAZARDS:** LGT TURBC SFC-100, NIL AFT 13L; TRACE RIME ICG 005-012

**SITE & AREA FORECASTS (VALID TIME: 22/0600L - 1800L)**

**LK HOARE/LK FRYXELL SITES (AREA FCST)**

**SFC WIND (TRUE):** VRB06KT

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** SCT100

**MIN ALSTG:** 28.81INS

**HAZARDS:** NIL

**EXPLORERS COVE**

**SFC WIND (TRUE):** 06007KT

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** SCT010 SCT100

**MIN ALSTG:** 28.80INS

**HAZARDS:** NIL

**MARBLE POINT**

**SFC WIND (TRUE):** 15010KT

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** FEW010 SCT100

**MIN ALSTG:** 28.83INS

**HAZARDS:** NIL

**CONEZ**

**SFC WIND (TRUE):** 18015KT

**SFC VISIBILITY (SM):** ½ -SG BLSN

**SKY CONDITION (AGL):** VV002

**MIN ALSTG:** 28.19INS

**HAZARDS:** MOD TURBC SFC-030

**BLACK ISLAND**

**SFC WIND (TRUE):** 23015G25KT, BECMG 06010KT AFT 10L

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** SCT010 SCT100

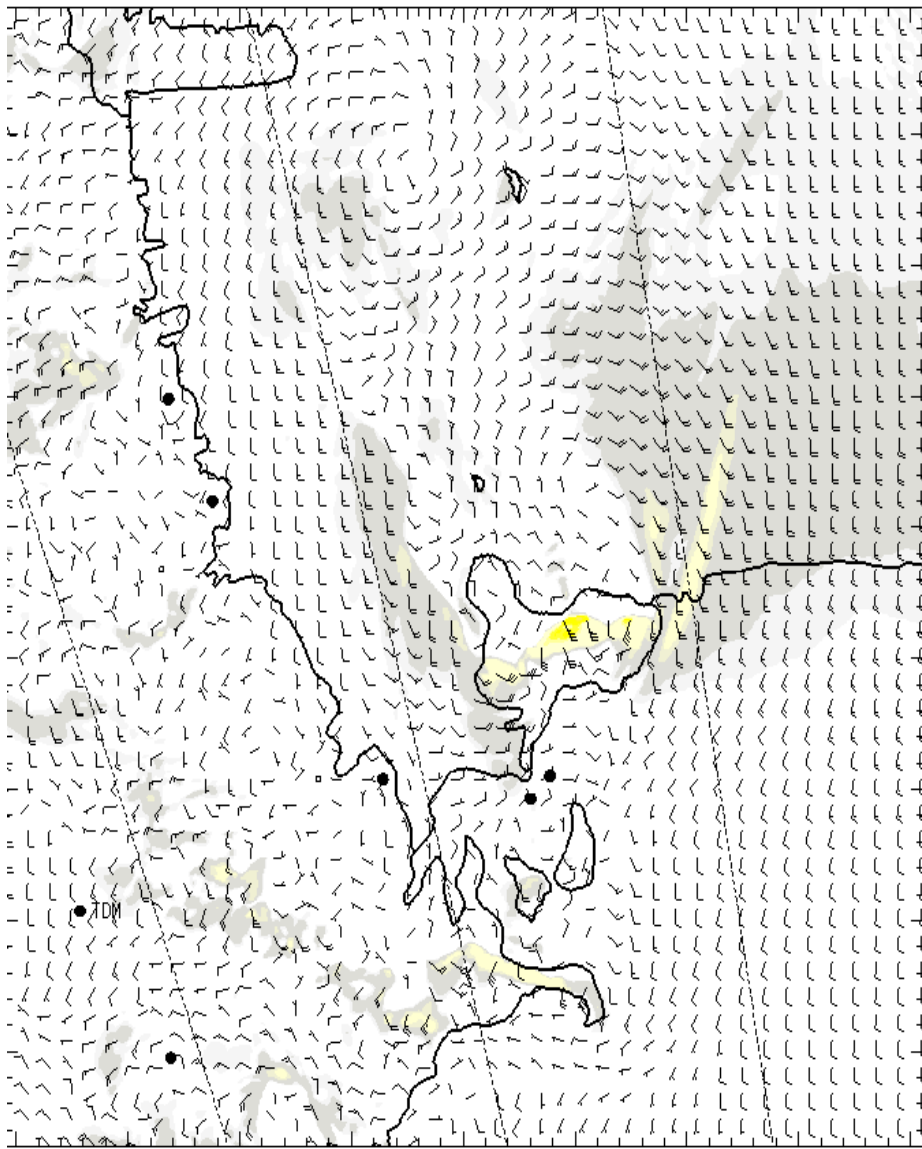
**MIN ALSTG:** 28.85INS

**HAZARDS:** LGT TURBC SFC-100

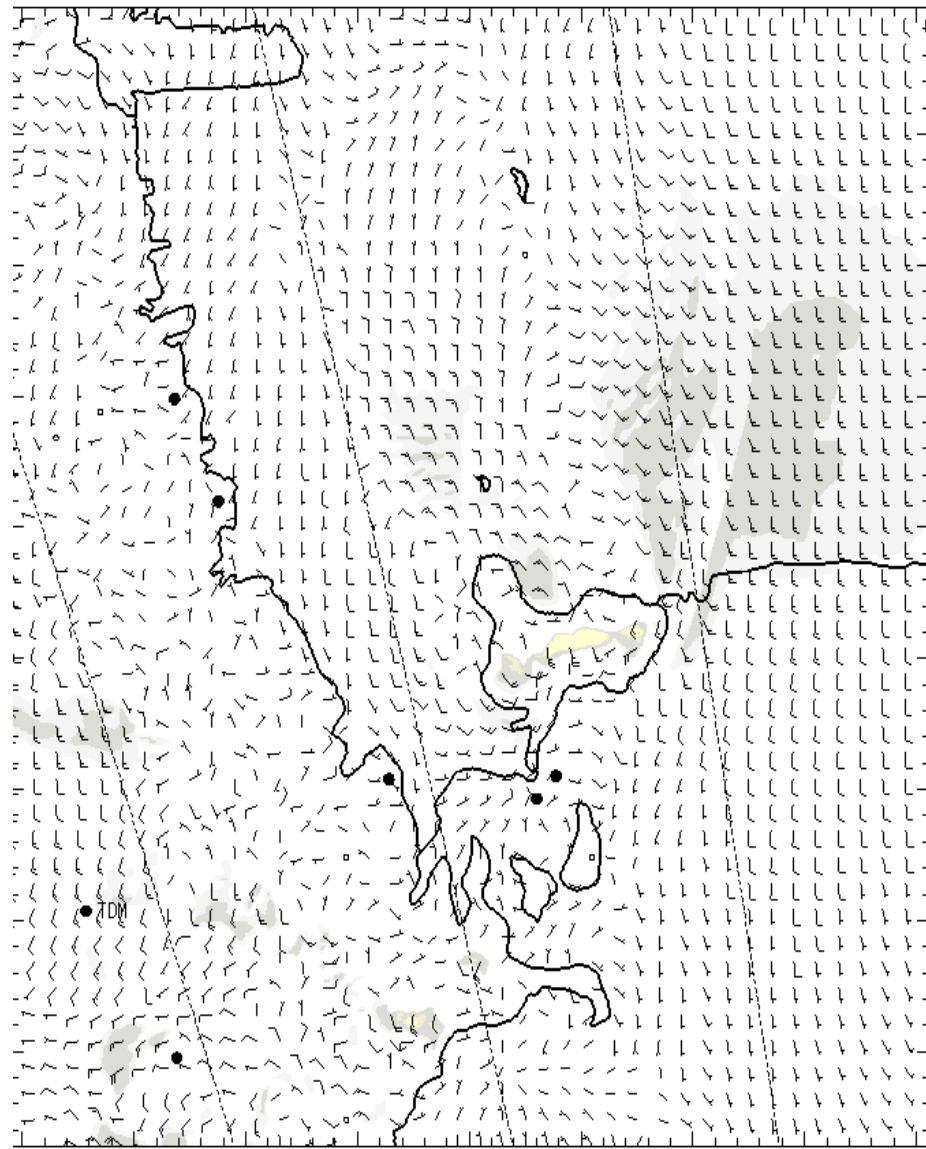
**NIGHT AREA OUTLOOKS (VALID TIME: 22/1800L - 23/0600L):**

N/A

# SFC

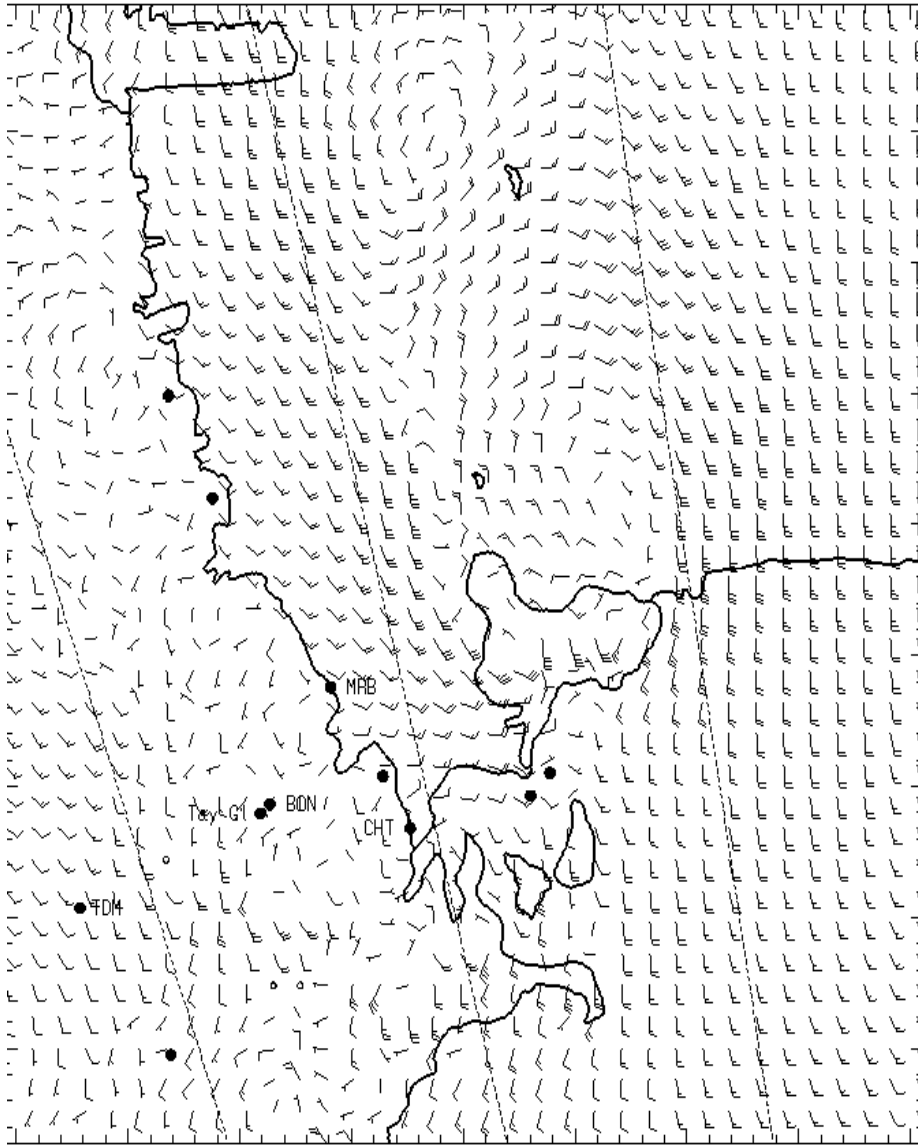


0700L

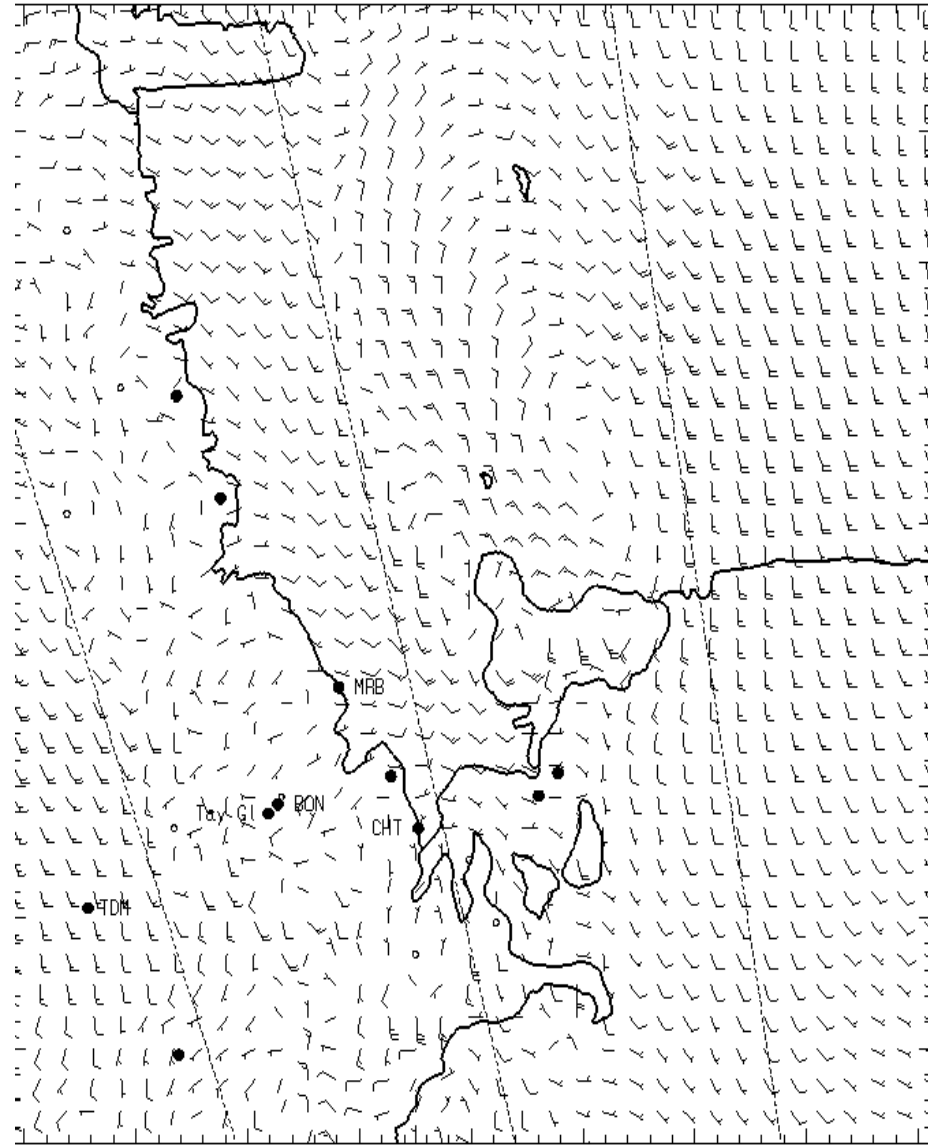


1300L

# 1,000 ft AGL

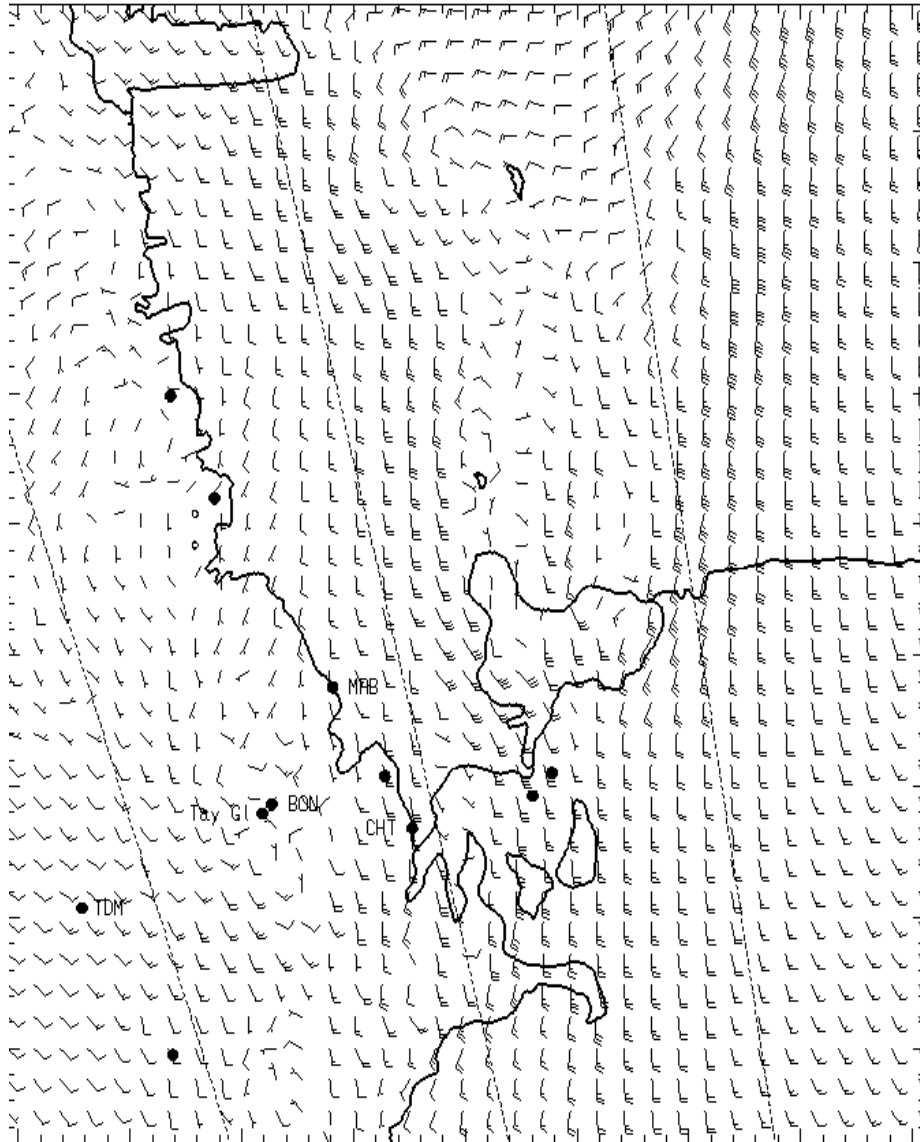


0700L

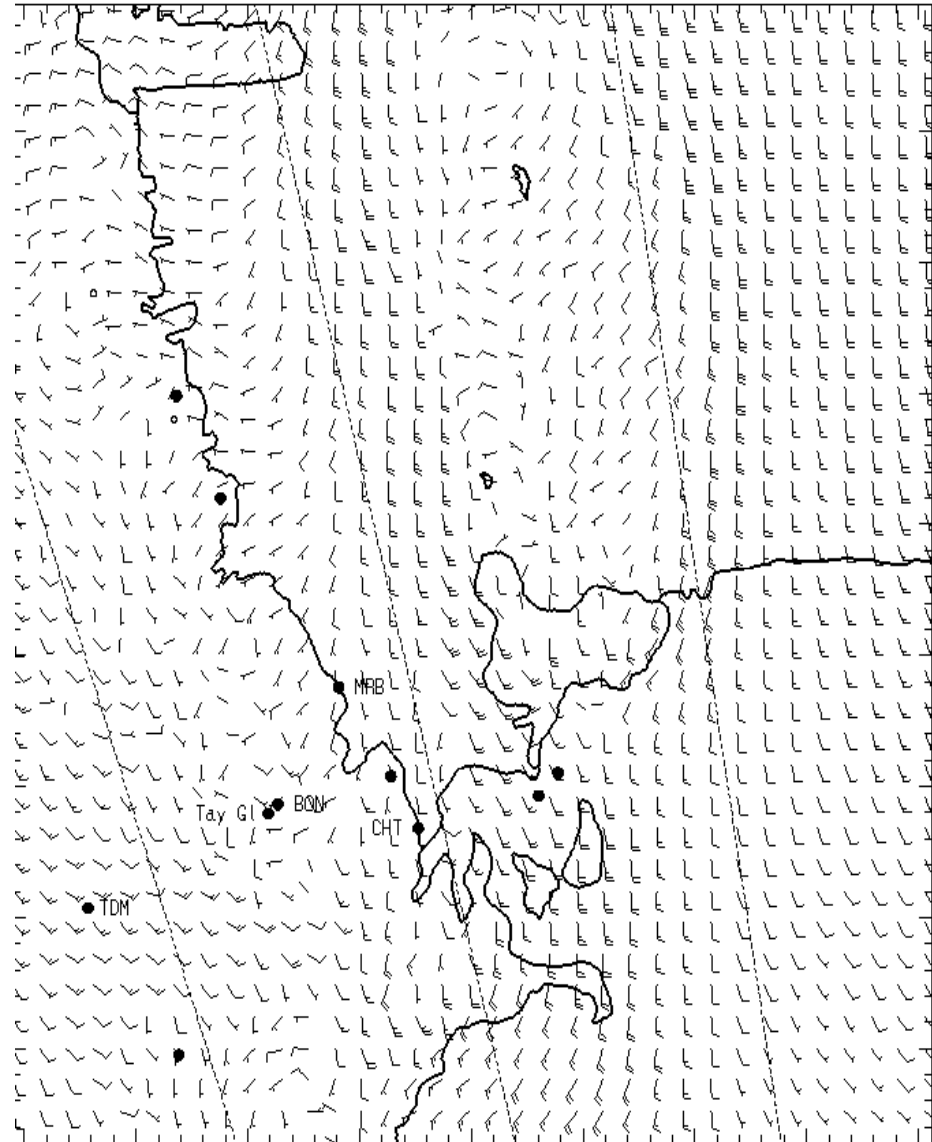


1300L

# 3,000 ft AGL

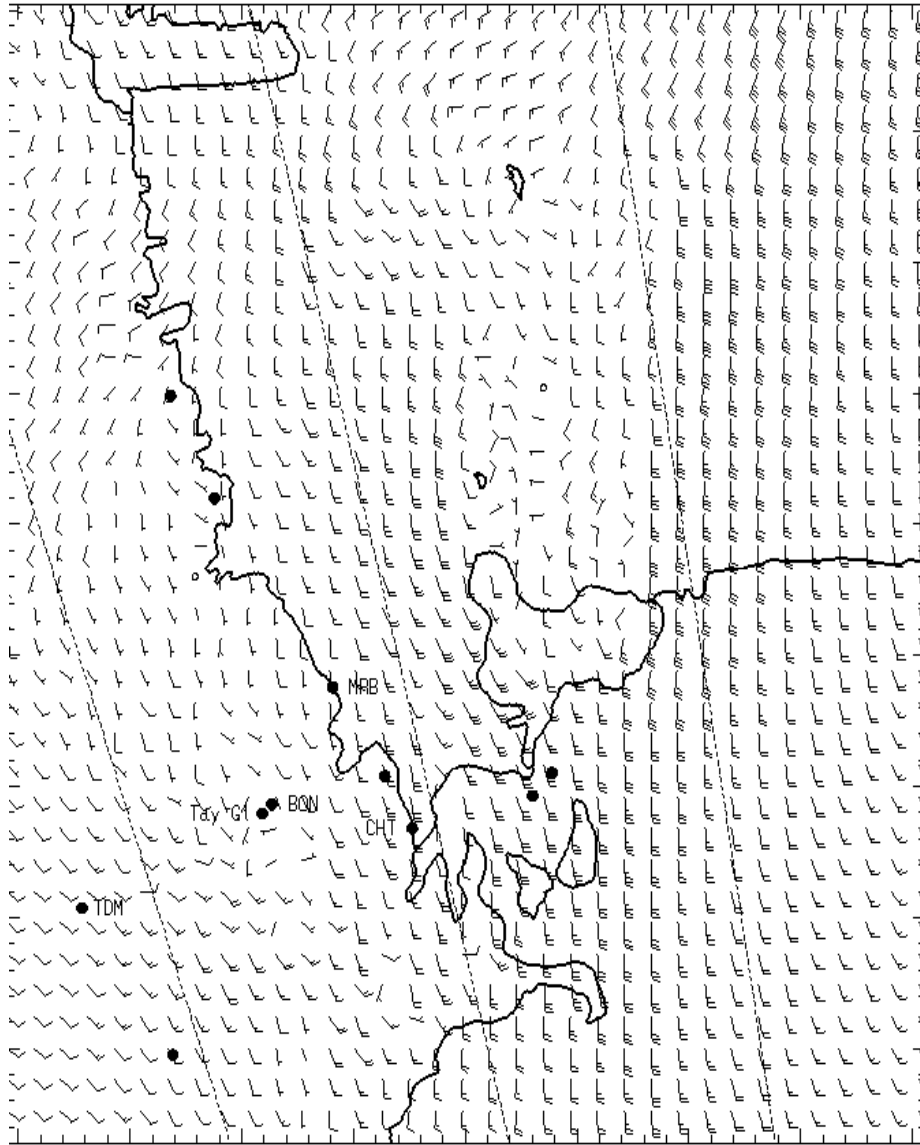


0700L

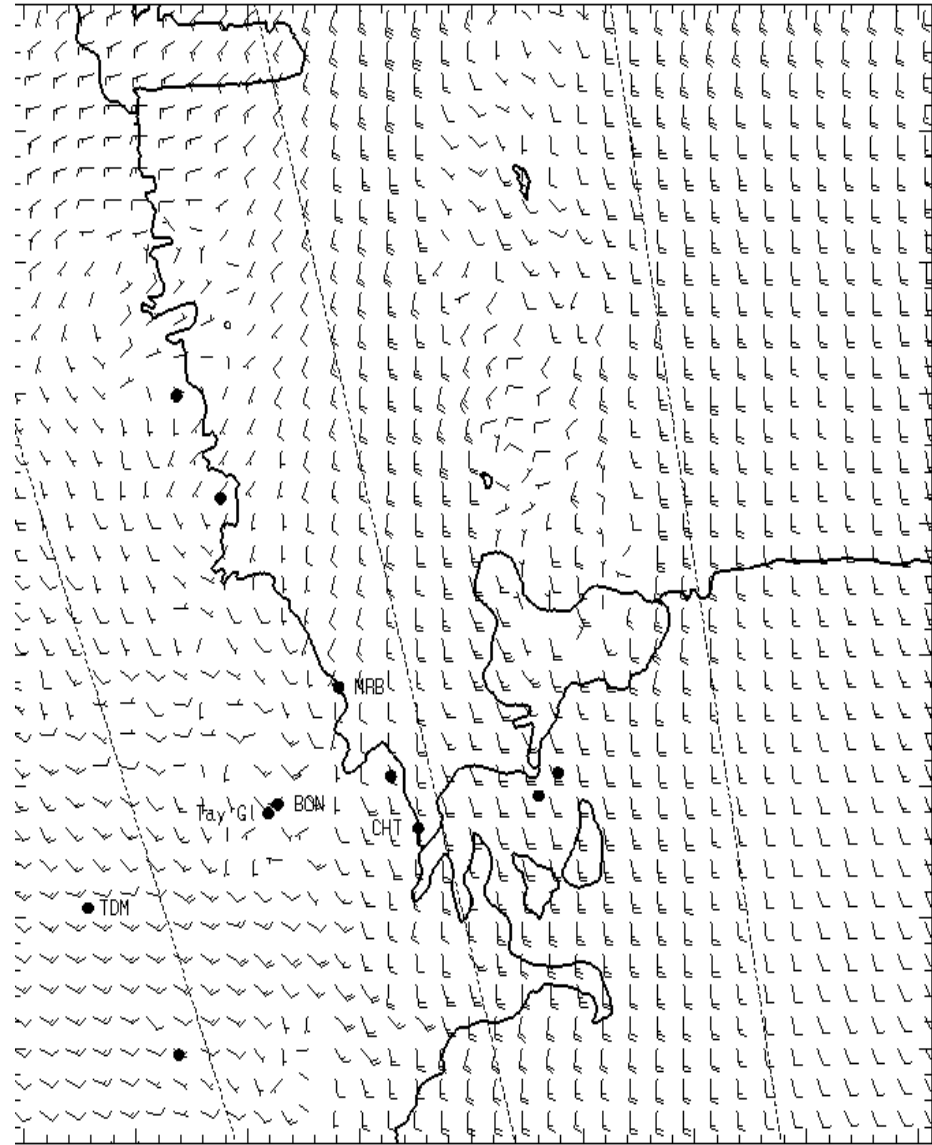


1300L

# 5,000 ft AGL



0700L



1300L