



# Helo Weather

Charleston ROF  
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Date (L): Sunday 08 December 2024

Brief Time (L): 0600L

Briefing Number: 12-011

**FORECASTER:** Jordan Young

## REGIONAL SUMMARY

Low pressure on the Ross Ice Shelf will continue to track to the north. The pressure gradient will remain tight for the entire day, keeping winds strong throughout the day. Clouds will continue to flow into the area, but will not be impactful at flight levels.

## HAZARDS

Moderate turbulence associated with high wind speeds at the surface.

## LATEST MCMURDO OBSERVATION

METAR NZCM 071555Z 07009KT 9999 OVC075 00/M07 A2896 RMK AO2 SLP811 T10051072

## RUNWAY TAFS

TAF NZFX 071457Z 0715/0815 (0804/0904NZDT) 19015G25KT 9999 DRSN BKN040 BKN060 OVC100 620405 510005 QNH2891INS GRID36015G25KT

BECMG 0721/0723 (0810/0812) 17020G35KT 3200 BLSN SCT030 BKN040 OVC080 620405 530005 QNH2894INS GRID34020G35KT

TEMPO 0721/0801 (0810/0814) 17025G40KT 0800 BLSN GRID34025G40KT

TEMPO 0808/0812 (0821/0901) 17025G40KT 0800 BLSN GRID34025G40KT

BECMG 0810/0812 (0823/0901) 18020G40KT 0200 -SN BLSN VV003 620006 530005 QNH2899INS BLSN BKN000 GRID35020G40KT

TAF NZWD 071457Z 0715/0815 (0804/0904NZDT) 13012KT 9999 DRSN BKN040 BKN060 OVC100 620405 510005 QNH2891INS GRID30012KT

BECMG 0721/0723 (0810/0812) 17015G25KT 3200 BLSN SCT030 BKN040 OVC080 620405 530005 QNH2894INS GRID34015G25KT

BECMG 0807/0809 (0820/0822) 16020G35KT 0800 BLSN SCT010 BKN025 OVC040 620257 530005 QNH2902INS GRID33020G35KT

BECMG 0812/0814 (0901/0903) 17020G35KT 0200 -SN BLSN VV003 620006 530005 QNH2910INS GRID34020G35KT

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

**SFC WIND (TRUE):** 06015KT BECMG 18020G30KT AFT 10L

**SFC VISIBILITY (M):** 9999 BECMG 4800 AFT 10L

**SKY CONDITION (AGL):** BKN050

**MIN ALSTG:** 28.92INS

**HAZARDS:** MDT TURBC SFC-050 AFT 10L

**SITE & AREA FORECASTS (VALID TIME: 08/0600L - 1800L)**

**SCOTT BASE**

**SFC WIND (TRUE):** 06015KT BECMG 18020G30KT AFT 10L  
**SFC VISIBILITY (M):** 9999 BECMG 2400 AFT 09L  
**SKY CONDITION (AGL):** BKN050  
**MIN ALSTG:** 28.92INS  
**HAZARDS:** MDT TURBC SFC-050 AFT 10L

**CAPE ROYDS**

**SFC WIND (TRUE):** 11020G30KT  
**SFC VISIBILITY (M):** 3200 BLSN  
**SKY CONDITION (AGL):** BKN050  
**MIN ALSTG:** 28.81INS  
**HAZARDS:** MDT TURBC SFC-050

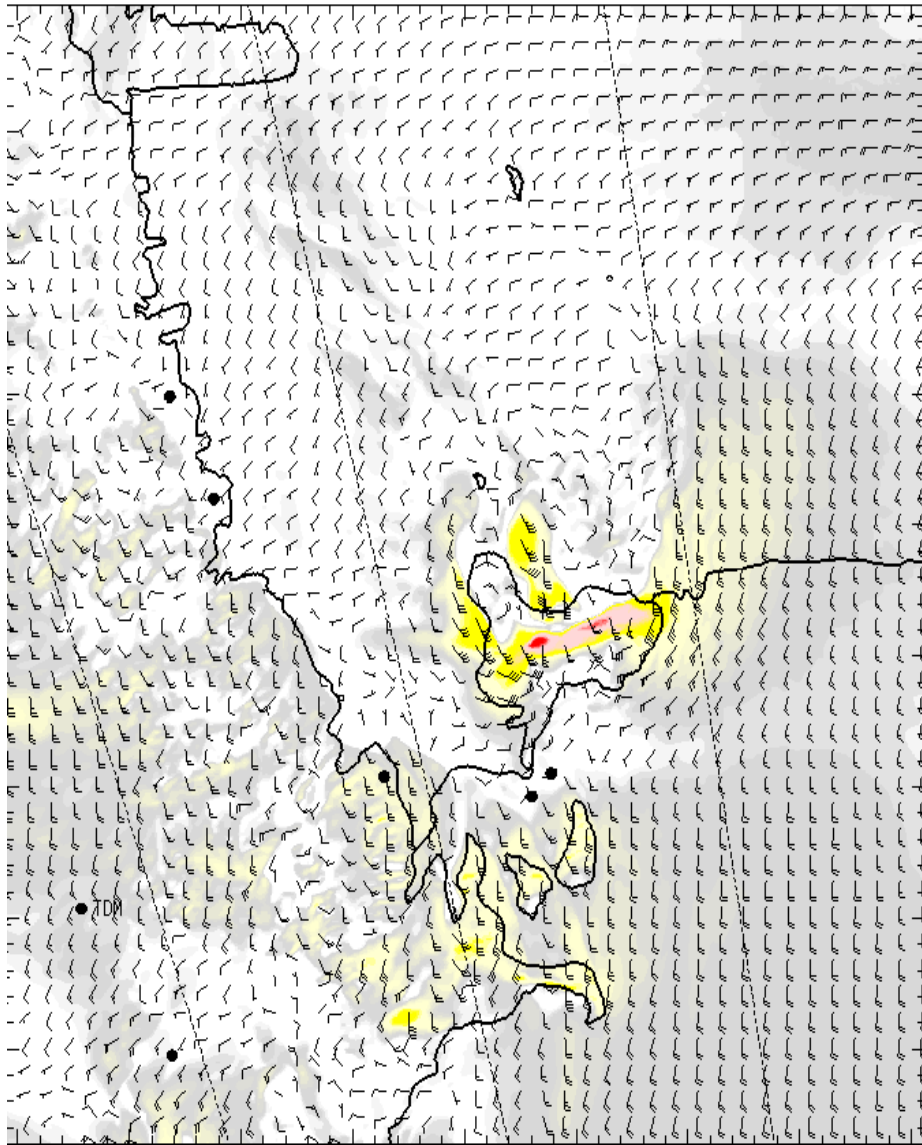
**MARBLE POINT**

**SFC WIND (TRUE):** 18015G25KT BECMG VRB06KT AFT 11L  
**SFC VISIBILITY (M):** 9999  
**SKY CONDITION (AGL):** BKN040  
**MIN ALSTG:** 28.93INS  
**HAZARDS:** MDT TURBC SFC-050 UNTIL 11L

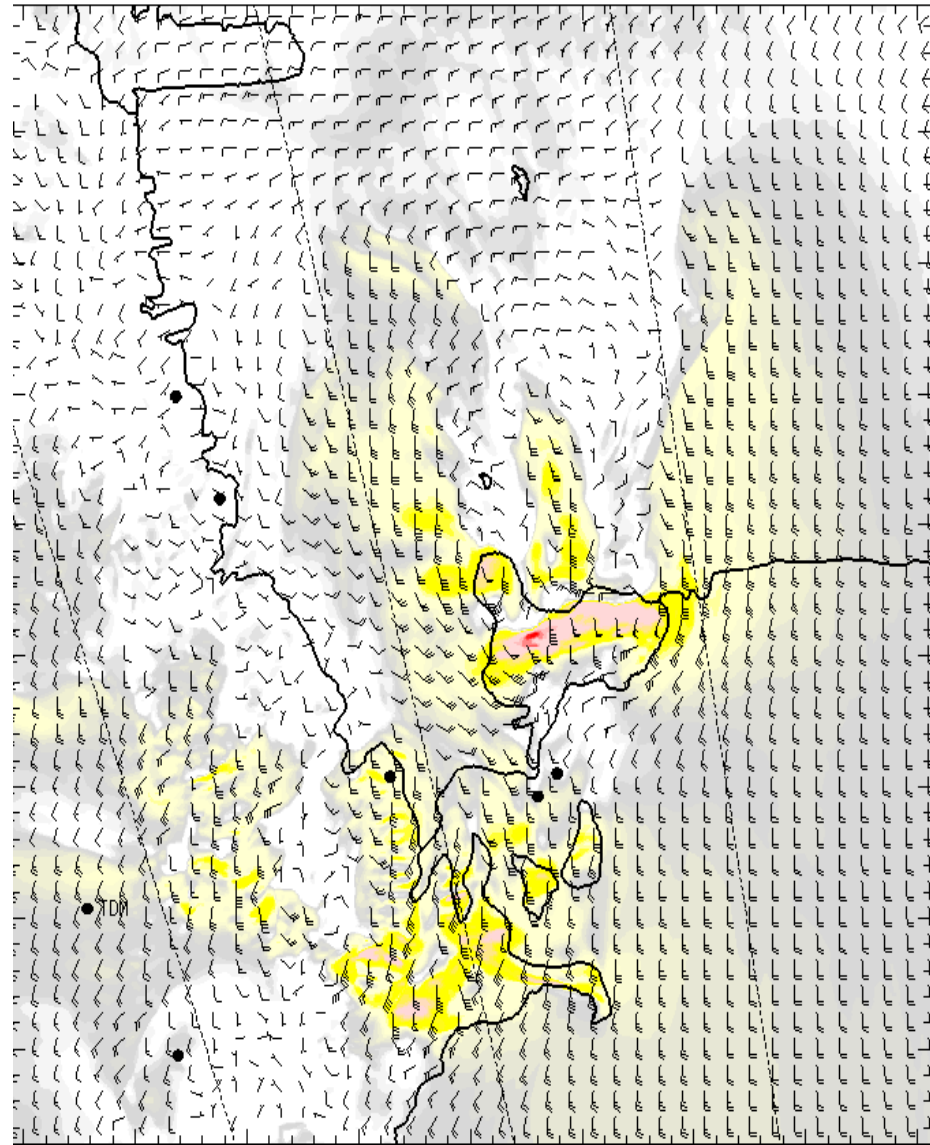
**NIGHT SITE & AREA FORECASTS (VALID TIME: 08/1800L – 08/0600L)**

NIL

# SFC

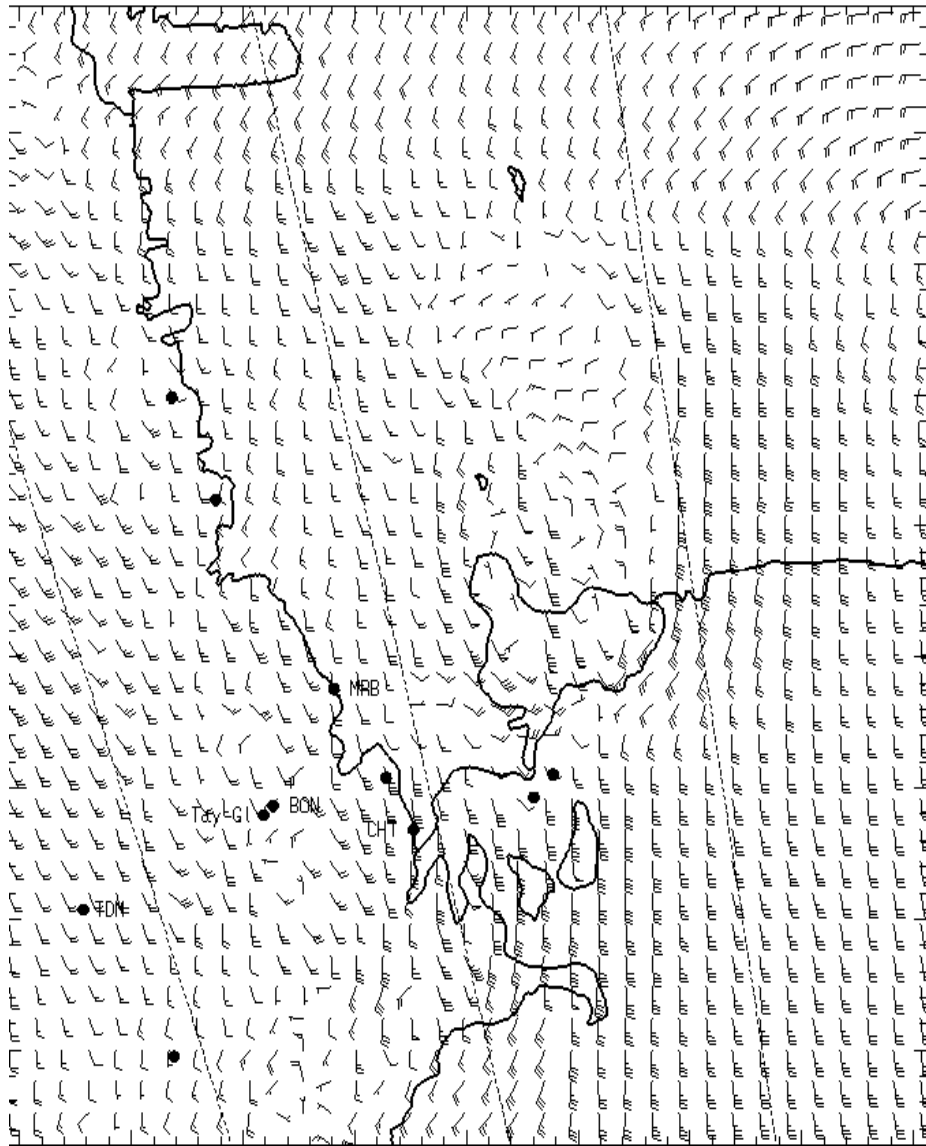


0700L

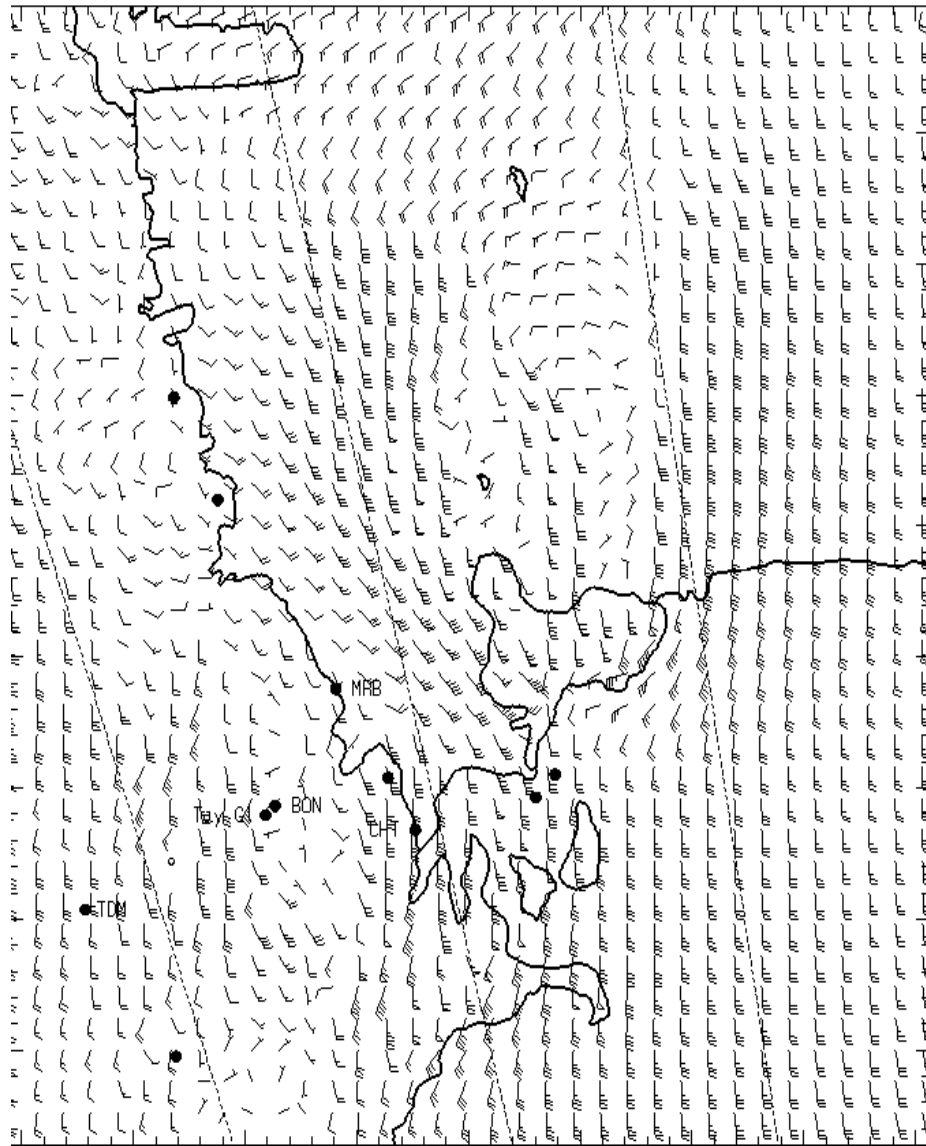


1300L

# 1,000 ft AGL

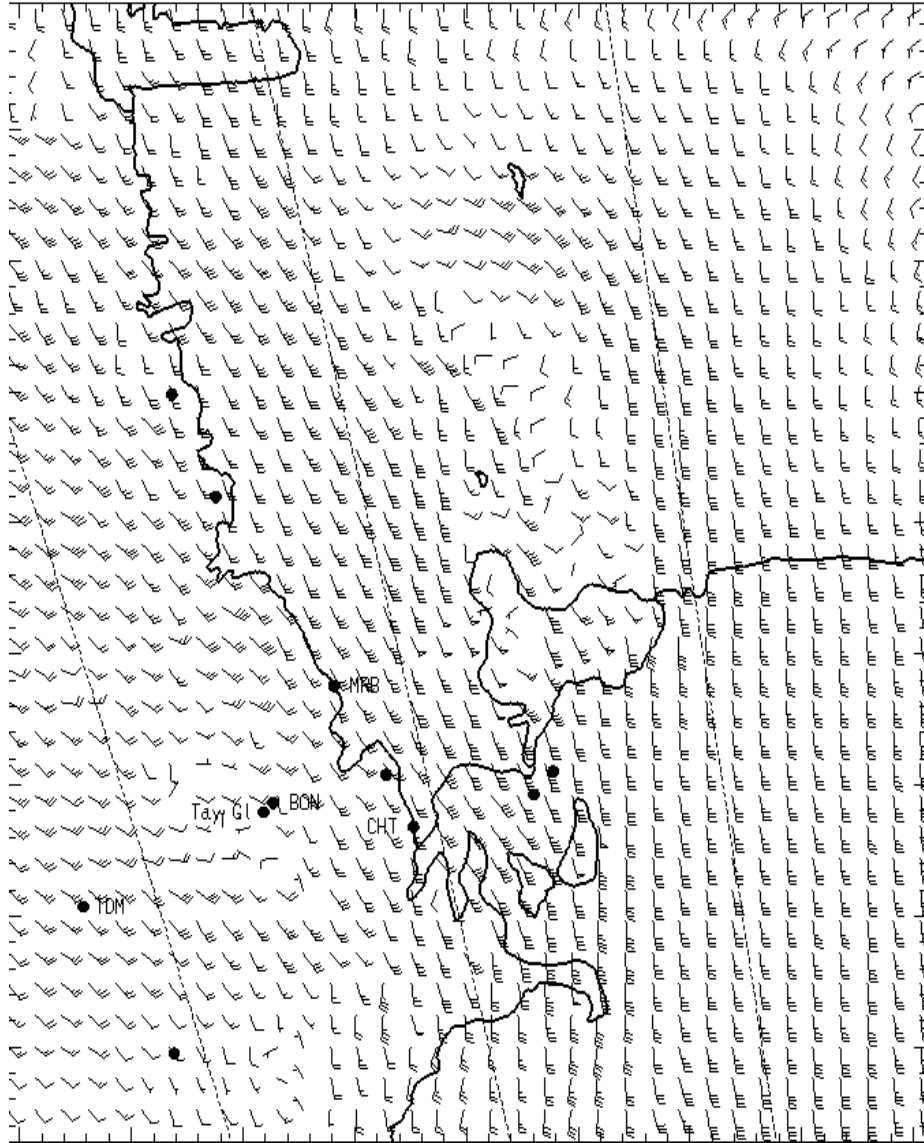


0700L

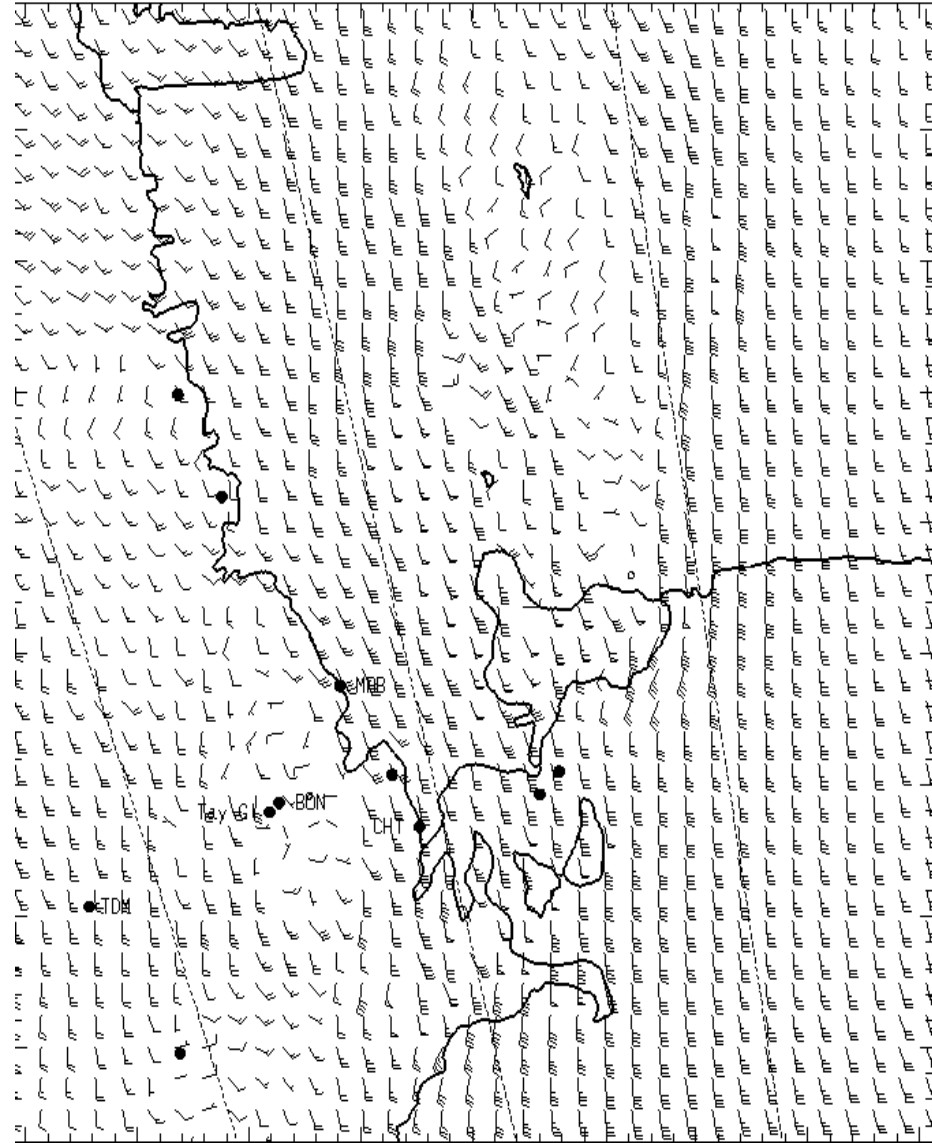


1300L

# 3,000 ft AGL

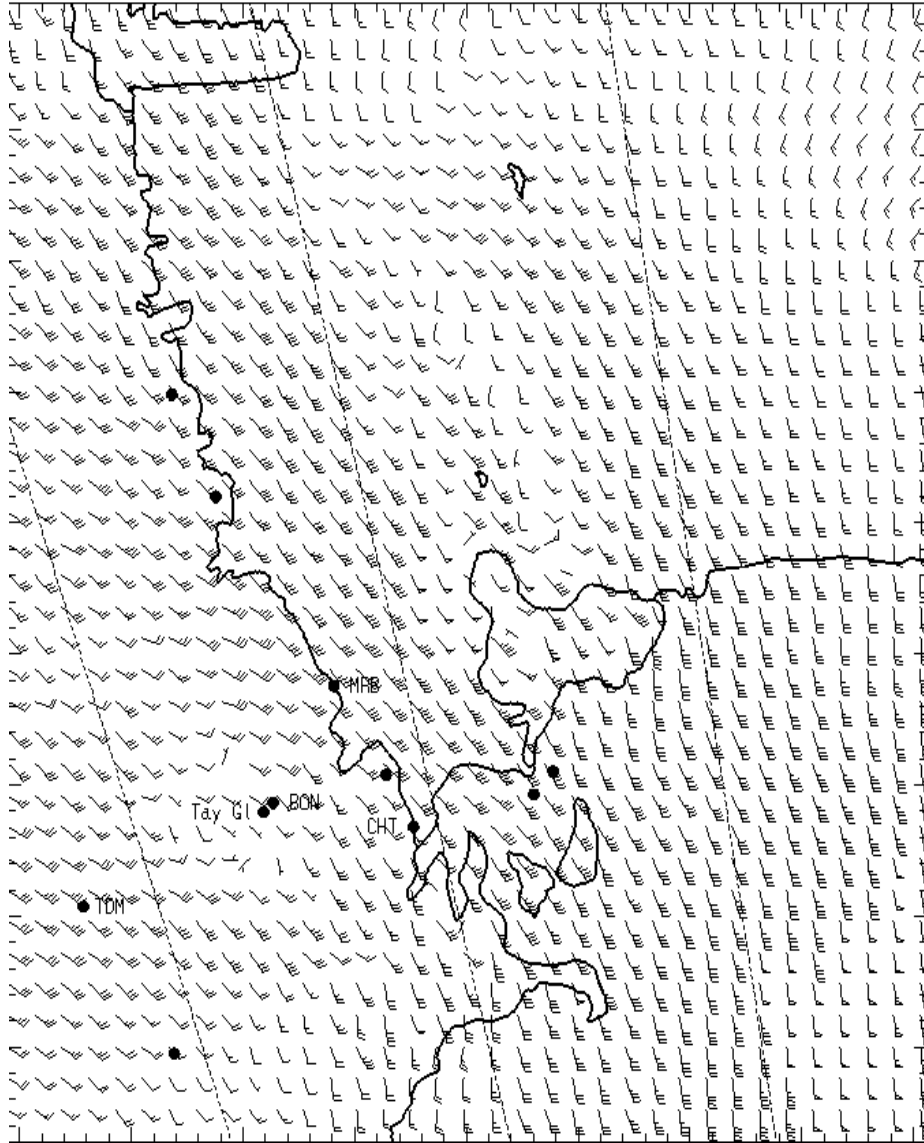


0700L

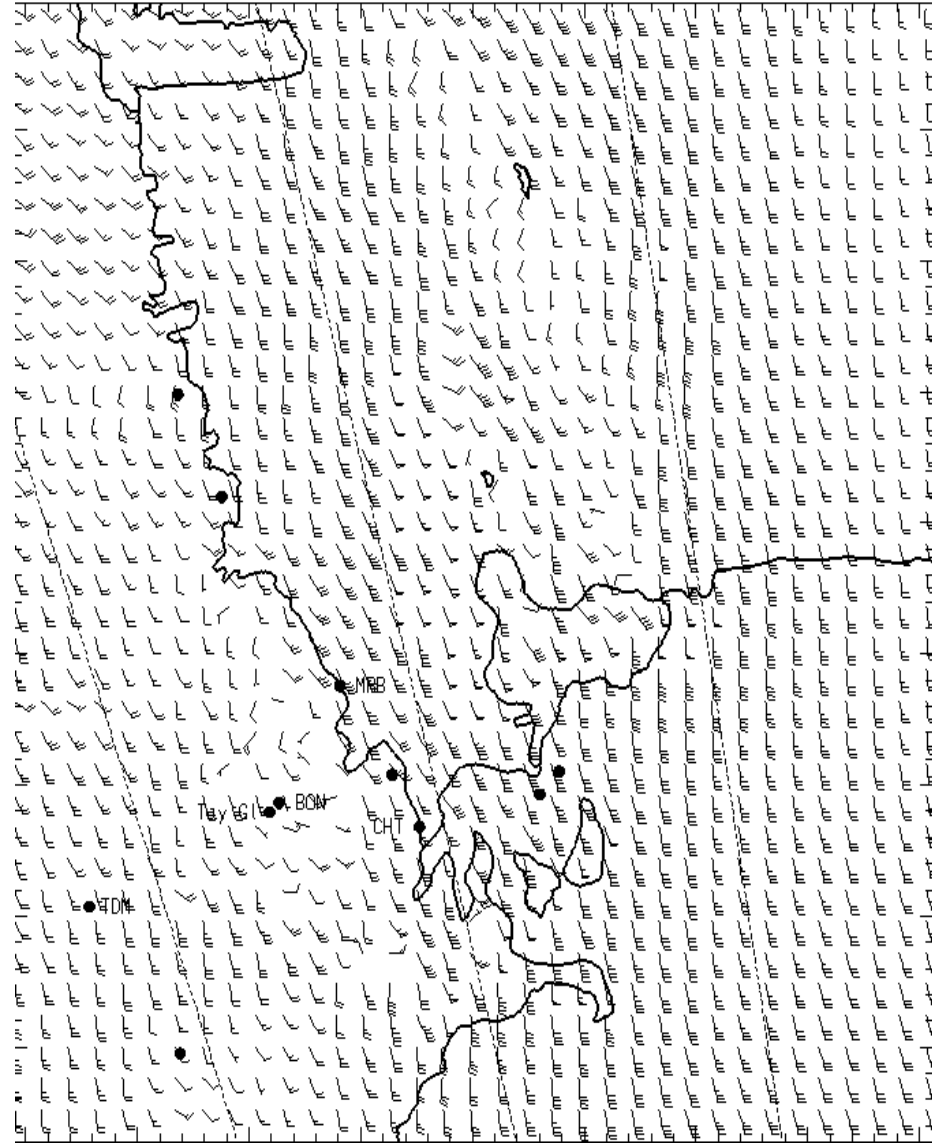


1300L

# 5,000 ft AGL



0700L



1300L