



# Helo Weather

Charleston ROF

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Date (L): Tue 8 February 2022

Brief Time (L): 0600

Briefing Number: 02-010

FCSTR: Jeff Fournier

## REGIONAL SUMMARY

Relatively strong winds above the surface will occasionally mix to the surface, especially later this morning through early afternoon. Blowing snow may be a concern for some sites that are exposed to the stronger wind flow.

## HAZARDS

Light to moderate turbulence at most locations; occasional severe turbulence vicinity of Black Island and other rugged terrain

## LATEST MCMURDO OBSERVATION

METAR ZCMA 071624Z AUTO 10012G18KT 070V130 9999 OVC065 M04/M09 A2911 RMK AO2 SLP861 GRID27012G18KT 240V300=

## RUNWAY TAFS

TAF NZFX 071457Z 0715/0815 (0804/0904NZDT) 09008KT 9999 FEW025 SCT050 BKN100 520051 QNH2910INS  
GRID26008KT

TEMPO 0715/0719 (0804/0808) 18015G25KT 6000 BLSN 520002 GRID35015G25KT  
BECMG 0717/0719 (0806/0808) 17017G30KT 8000 BLSN FEW025 SCT050 BKN100 520002 QNH2912INS  
GRID34017G30KT

TEMPO 0720/0802 (0809/0815) 18025G40KT 3200 BLSN 530009 GRID35025G40KT  
BECMG 0802/0804 (0815/0817) 12013KT 9999 DRSN FEW050 BKN100 QNH2918INS GRID29013KT

TAF NZWD 071457Z 0715/0815 (0804/0904NZDT) 07008KT 9999 FEW025 SCT050 BKN100 520051 QNH2910INS  
GRID24008KT

TEMPO 0715/0719 (0804/0808) 18013G25KT 6000 BLSN 520001 GRID35013G25KT  
BECMG 0717/0719 (0806/0808) 18016G29KT 8000 BLSN FEW025 SCT050 BKN100 520002 QNH2912INS  
GRID35016G29KT

TEMPO 0720/0802 (0809/0815) 18024G38KT 3200 BLSN 530009 GRID35024G38KT  
BECMG 0802/0804 (0815/0817) 07012KT 9999 NSW FEW050 BKN120 QNH2918INS GRID24012KT

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

**SFC WIND (TRUE):** 12015G25KT; TEMPO 18023G37KT 09-15L

**SFC VISIBILITY (SM):** UNRES DRSN

**SKY CONDITION (AGL):** FEW025 BKN060, BECMG BKN100 AFT 00L

**MIN ALSTG:** 29.10INS

**HAZARDS:** LGT OCNL MDT TURBC SFC-010

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

**CP ROYDS**

**SFC WIND (TRUE):** 20035G45KT

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** BKN030; BECMG SCT030 BKN100 AFT 14L

**MIN ALSTG:** 28.98INS

**HAZARDS:** MDT TURBC 000-020, OCNL SVR

**RECCE BLACK ISLAND TRAVERSE ROUTE**

**SFC WIND (TRUE):** 16025G35KT

**SFC VISIBILITY (SM):** 8000 BLSN, OCNL 3200 BLSN

**SKY CONDITION (AGL):** SCT030 BKN100

**MIN ALSTG:** 28.98INS

**HAZARDS:** LGT-MDT TURBC SFC-050, OCNL SVR

**LEH**

**SFC WIND (TRUE):** 16030G40KT

**SFC VISIBILITY (SM):** 1/4 – 1/2 SN BLSN

**SKY CONDITION (AGL):** VV001

**MIN ALSTG:** 28.42INS

**HAZARDS:** MDT TURBC SFC-050

**NAUSEA KNOB**

**SFC WIND (TRUE):** 15025G35KT

**SFC VISIBILITY (SM):** 1/4 – 1/2 SN BLSN

**SKY CONDITION (AGL):** VV001

**MIN ALSTG:** 28.39INS

**HAZARDS:** MDT TURBC SFC-050

**F6**

**SFC WIND (TRUE):** VRB06KT, OCNL 06005-10KT

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** BKN070

**MIN ALSTG:** 29.05INS

**HAZARDS:** LGT-MDT TURBC 020-100

**BLACK ISLAND**

**SFC WIND (TRUE):** 18040-50G60KT

**SFC VISIBILITY (SM):** 1600 BLSN

**SKY CONDITION (AGL):** SCT030 BKN100

**MIN ALSTG:** 29.03INS

**HAZARDS:** MDT-SVR TURBC SFC-070

**LK FRYXELL**

**SFC WIND (TRUE):** VRB06KT  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (AGL):** BKN070  
**MIN ALSTG:** 29.09INS  
**HAZARDS:** NIL

**LK HOARE**

**SFC WIND (TRUE):** 24012G22KT; TEMPO VRB06KT 10-13L  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (AGL):** BKN070  
**MIN ALSTG:** 29.05INS  
**HAZARDS:** LGT TURBC SFC-030

**LK BONNEY**

**SFC WIND (TRUE):** 20012G22KT  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (AGL):** SCT070  
**MIN ALSTG:** 29.07INS  
**HAZARDS:** LGT TURBC SFC-030

**MARBLE POINT**

**SFC WIND (TRUE):** 20012KT; BECMG 14010KT AFT 13L  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (AGL):** BKN060  
**MIN ALSTG:** 29.04INS  
**HAZARDS:** LGT RIME ICG 060-090, MDT TURBC 030-100

**HJORTH HILL**

**SFC WIND (TRUE):** 24010KT; BECMG 11006KT AFT 13L  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (AGL):** BKN070  
**MIN ALSTG:** 29.00INS  
**HAZARDS:** LGT RIME ICG 070-090, LGT-MDT TURBC 010-040, MDT TURBC 040-100

**SCOTT BASE**

**SFC WIND (TRUE):** 12015G25KT; TEMPO 18023G37KT 09-15L  
**SFC VISIBILITY (SM):** UNRES DRSN  
**SKY CONDITION (AGL):** FEW025 BKN060, BECMG BKN100 AFT 00L  
**MIN ALSTG:** 29.10INS  
**HAZARDS:** LGT OCNL MDT TURBC SFC-010

**CP BIRD**

**SFC WIND (TRUE):** 20030G40KT

**SFC VISIBILITY (SM):** UNRES, POSSIBLE –SN EARLY MORNING

**SKY CONDITION (AGL):** BKN008; BECMG SCT015 AFT 10L

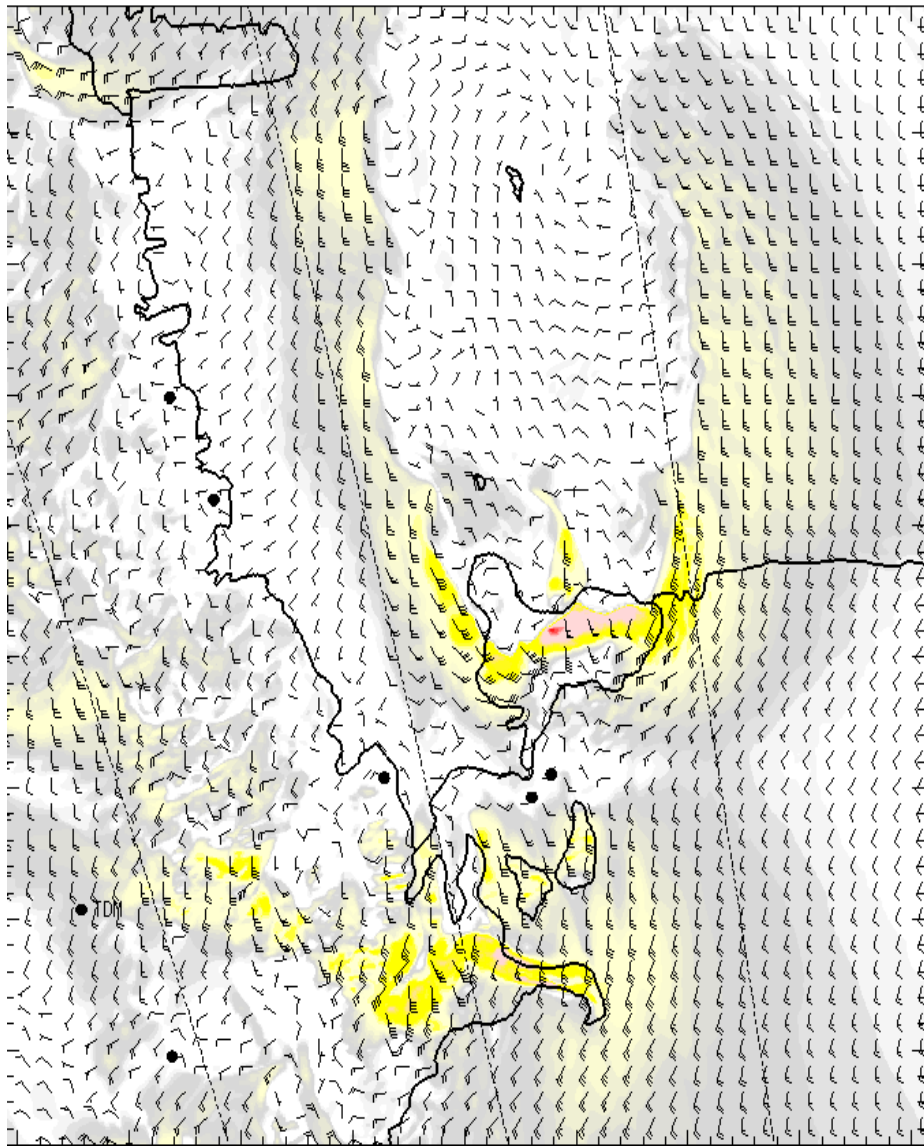
**MIN ALSTG:** 28.97INS

**HAZARDS:** MDT TURBC 000-020

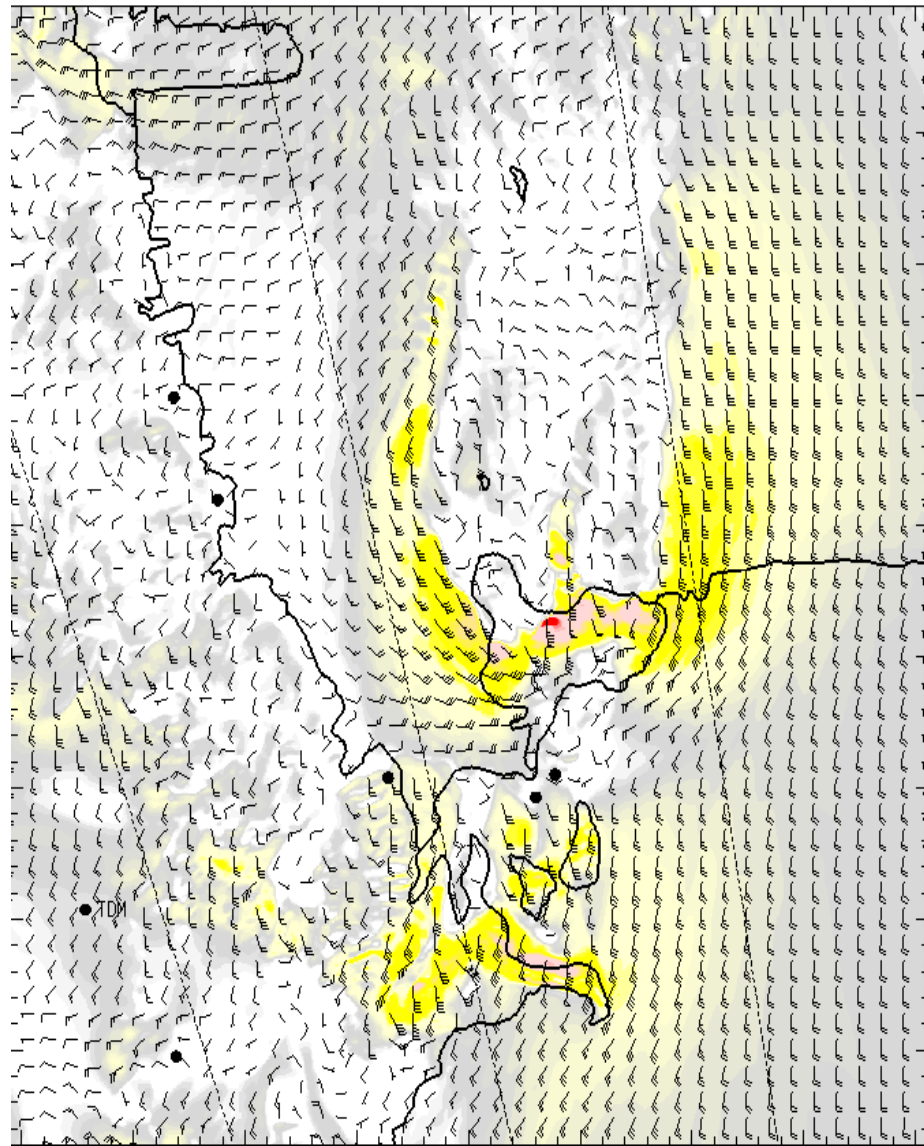
**NIGHT AREA OUTLOOKS (VALID TIME: 08/1800L - 09/0600L):**

NIL

# SFC

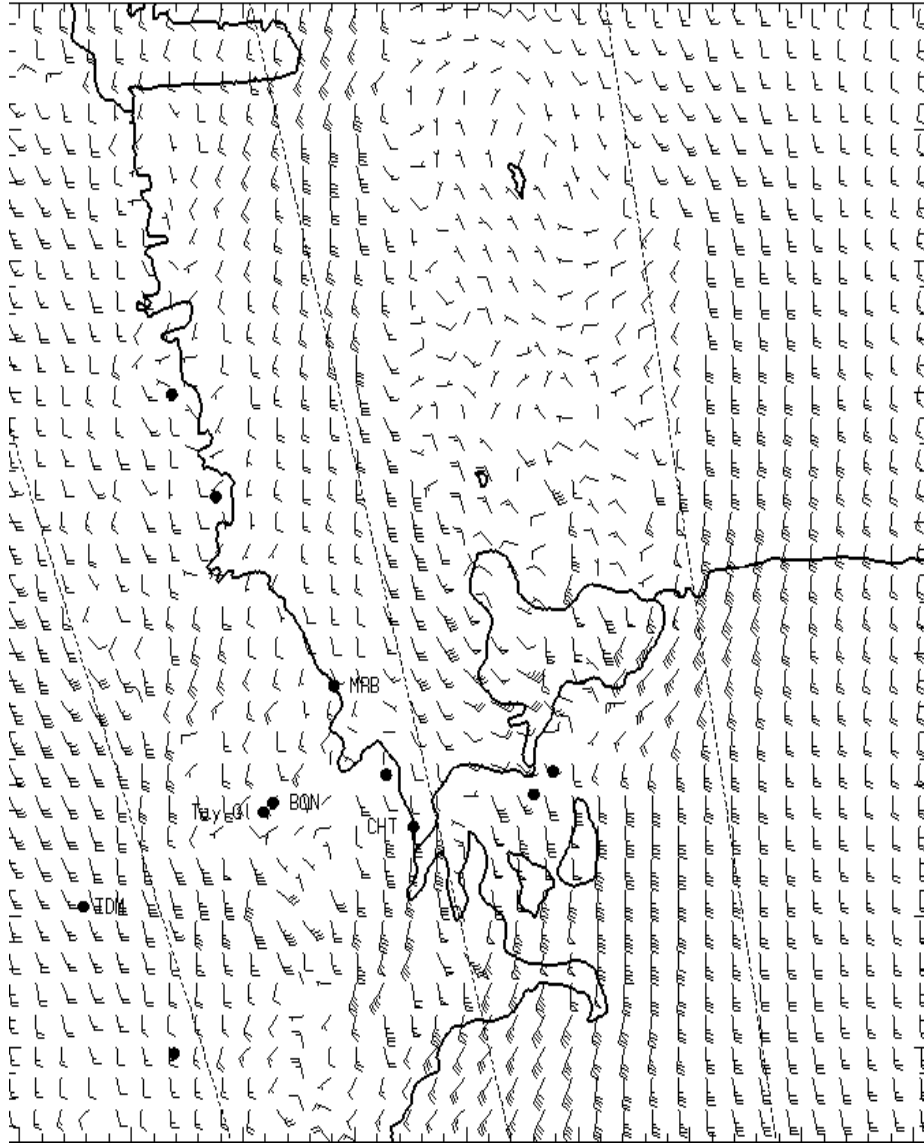


0700L

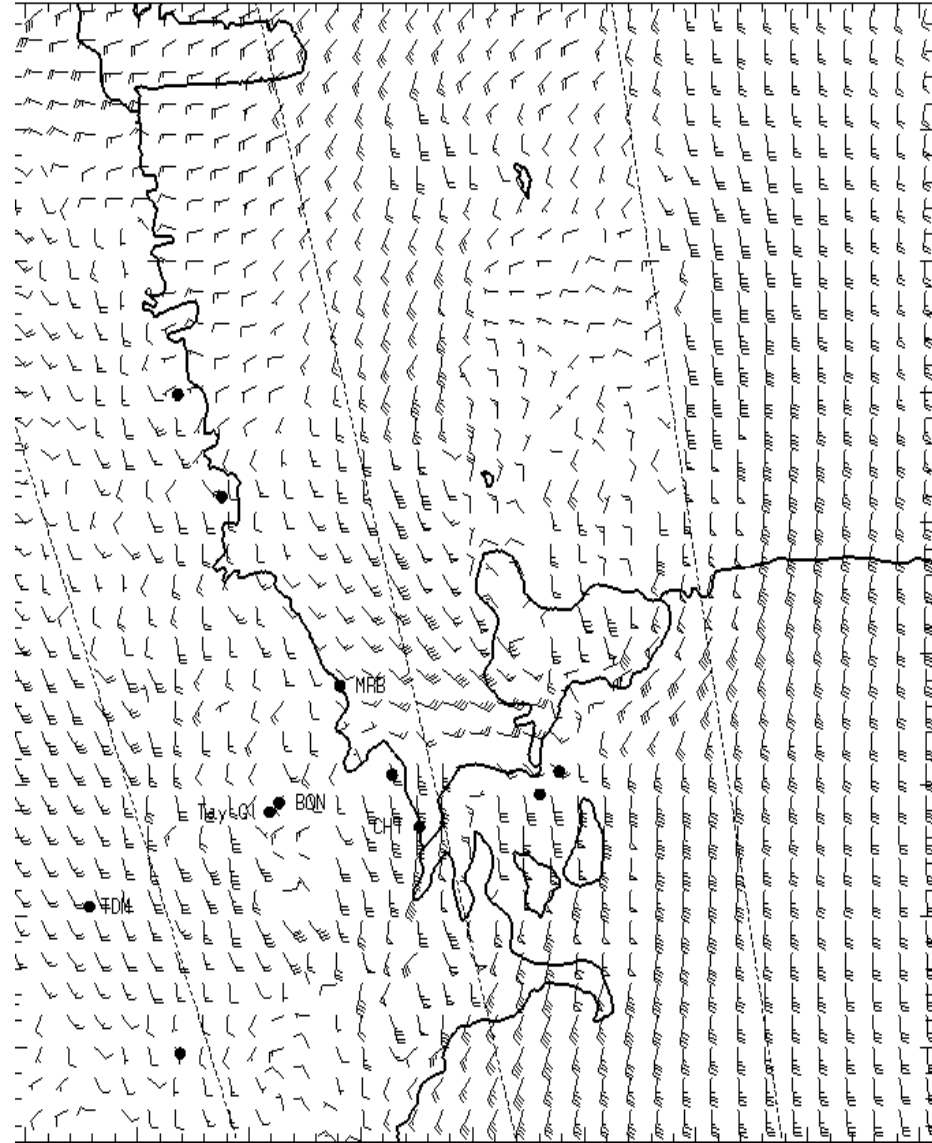


1300L

# 1,000 ft AGL

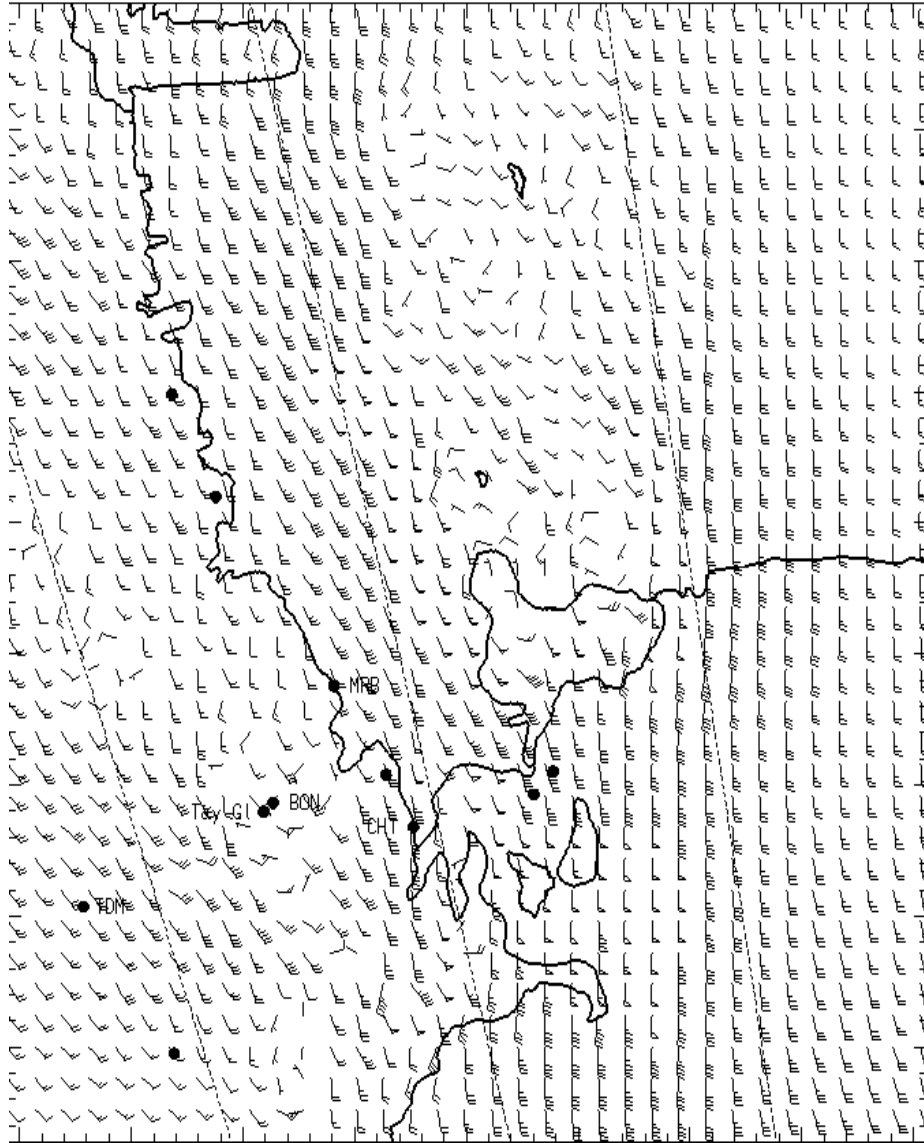


0700L

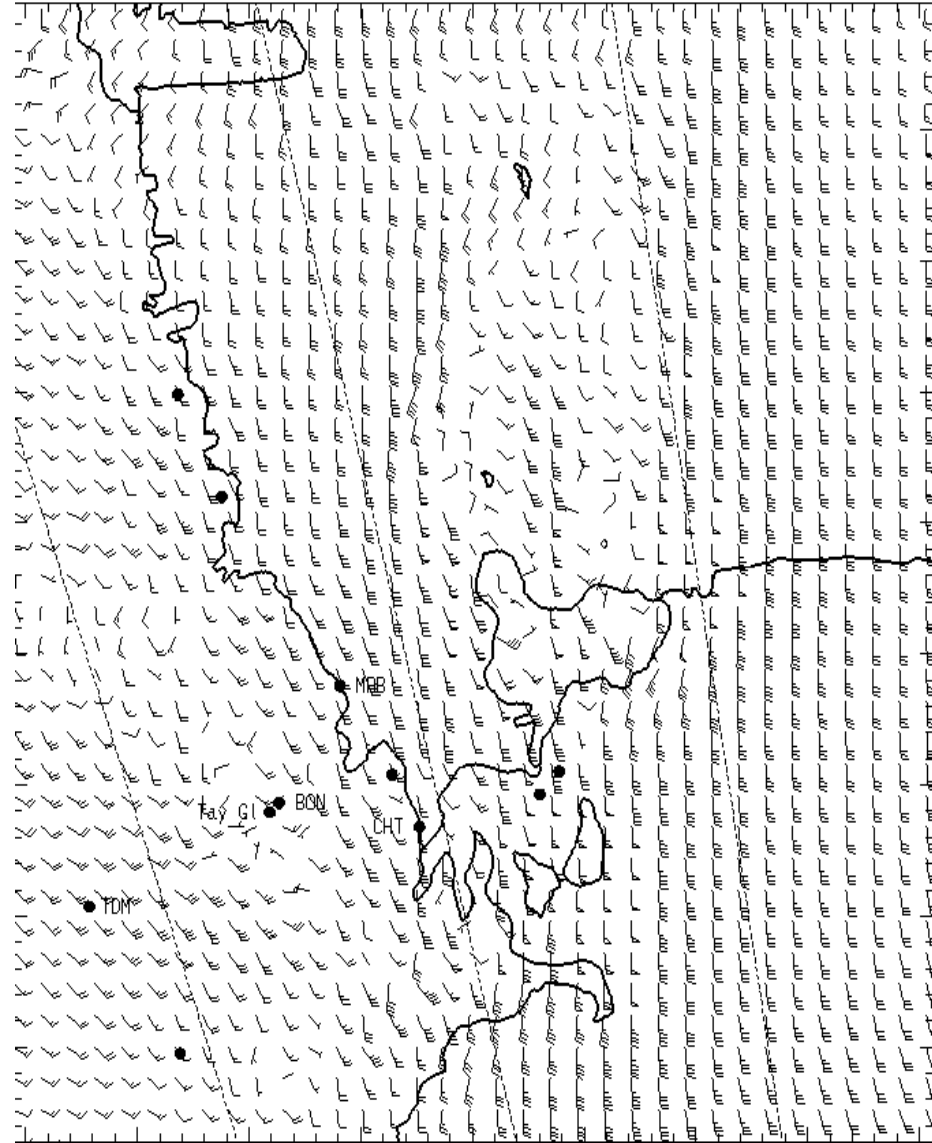


1300L

# 3,000 ft AGL

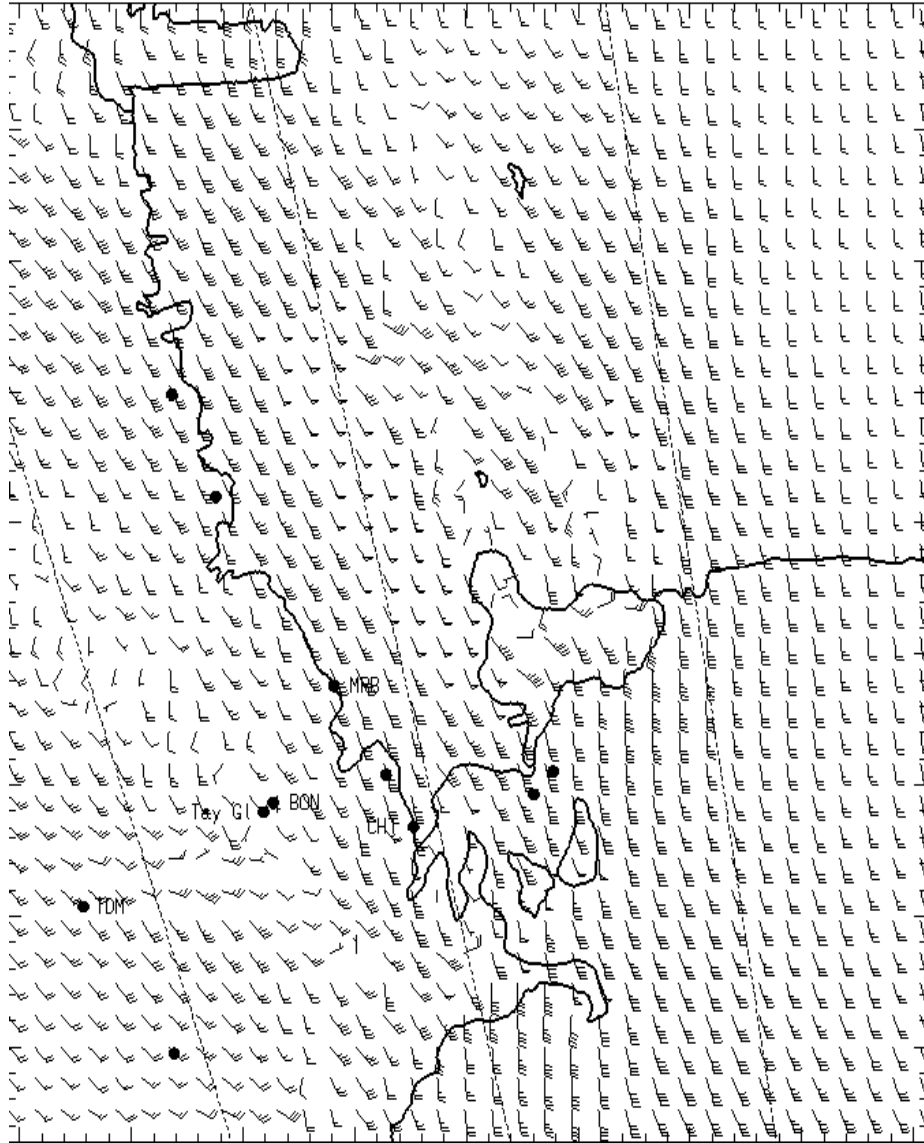


0700L

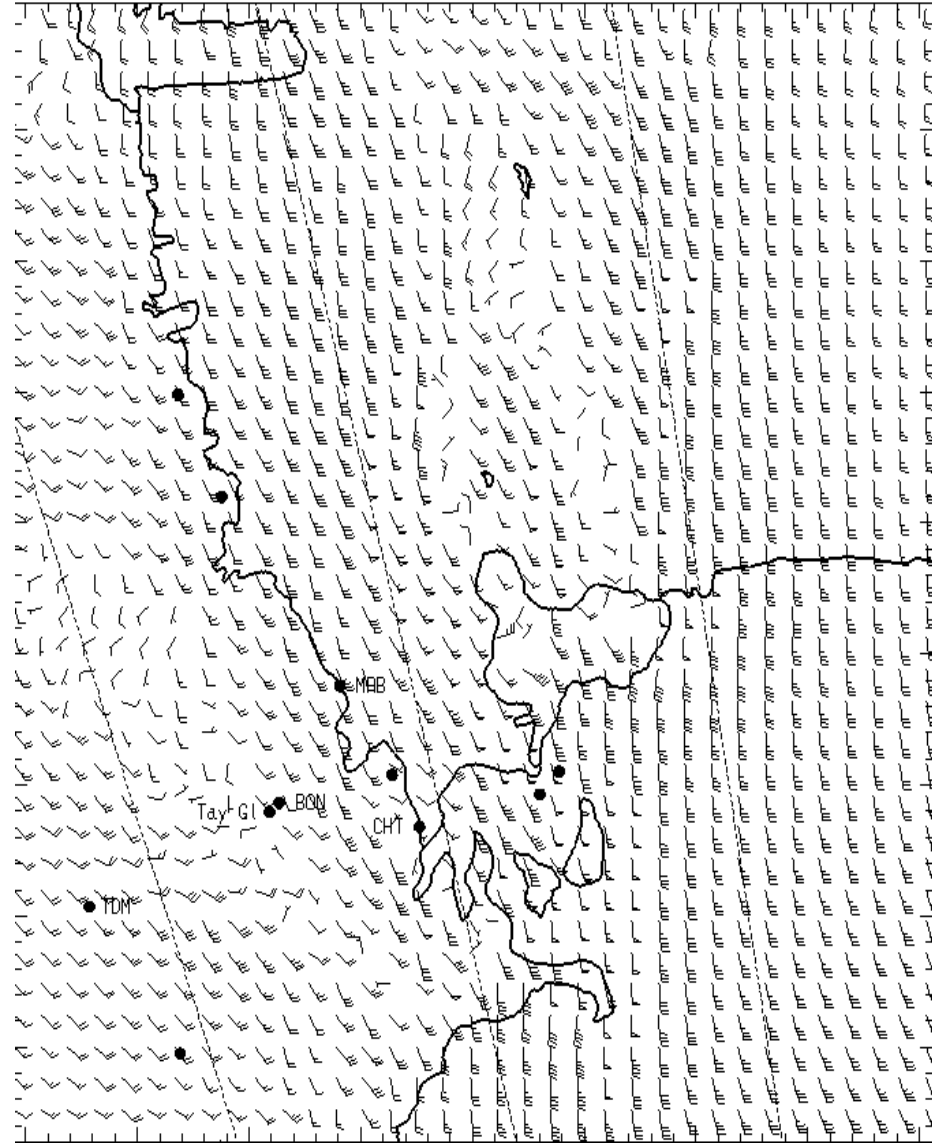


1300L

# 5,000 ft AGL



0700L



1300L