



# Helo Weather

Charleston ROF  
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Date (L): Tuesday 26 December 2023

Brief Time (L): 0615

Briefing Number: 12-022(A)

FCSTR: Alan Stratton

## REGIONAL SUMMARY

LOW PRESSURE OVER THE ROSS SEA AND ICE SHELF IS PRODUCING WIDESPREAD CLOUDINESS AND LIGHT SNOW THROUGHOUT THE REGION.

## HAZARDS

OCASSIONAL LIGHT RIME ICING IN CLOUDS AND PRECIPITATION

## LATEST MCMURDO OBSERVATION

METAR NZCM 251655Z AUTO 08012G18KT 8000 BKN039 OVC049 M09/M10 A2882 RMK AO2  
SNB1614E1649B1651E1653 SLP765 T10861104=

## RUNWAY TAF

TAF AMD NZWD 251903Z 2519/2615 (2608/2704NZDT) 12012KT 4800 -SN DRSN BKN020 OVC035 620203  
QNH2883INS GRID29012KT  
TEMPO 2519/2523 (2608/2612) 1600 -SN  
BECMG 2521/2523 (2610/2612) 11015G20KT 3200 -SN BLSN SCT005 BKN030 OVC050 620303  
QNH2881INS GRID28015G20KT  
TEMPO 2601/2606 (2614/2619) 0800 -SN BLSN FEW000 BKN005 OVC030 FEW000 BLSN

## MCMURDO HELIPAD FORECAST (VALID TIME: 26/0600L - 1800L)

**SFC WIND (TRUE):** 08010G18KT  
**SFC VISIBILITY (SM):** 4-6 -SN. TEMPO ½ - 2 -SN  
**SKY CONDITION (AGL):** SCT005 BKN030 OVC050. TEMPO BKN005  
**MIN ALSTG:** 28.81INS  
**HAZARDS:** OCNL LGT RIME ICG 020-070 AND IN PRECIP

## SITE & AREA FORECASTS (VALID TIME: 26/0600L - 1800L)

### SCOTT BASE

**SFC WIND (TRUE):** 07013KT  
**SFC VISIBILITY (SM):** 4-6 -SN. TEMPO ½ - 2 -SN  
**SKY CONDITION (AGL):** BKN020 OVC050  
**MIN ALSTG:** 28.80INS  
**HAZARDS:** OCNL LGT RIME ICG 020-070 AND IN PRECIP

**MARBLE POINT**

**SFC WIND (TRUE):** 15013G20KT  
**SFC VISIBILITY (SM):** UNRES. TEMPO -SN  
**SKY CONDITION (AGL):** SCT030 BKN050 BKN080  
**MIN ALSTG:** 28.81INS  
**HAZARDS:** NIL

**BLACK ISLAND**

**SFC WIND (TRUE):** 10012KT  
**SFC VISIBILITY (SM):** 2-4 -SN BR  
**SKY CONDITION (AGL):** BKN020 OVC050  
**MIN ALSTG:** 28.79INS  
**HAZARDS:** OCNL LGT RIME ICG 020-070 AND IN PRECIP

**LOWER EREBUS HUT**

**SFC WIND (TRUE):** 33010KT  
**SFC VISIBILITY (SM):** UNRES VCFG. BECMG ½ - 2 IC FZFG AFT 10L  
**SKY CONDITION (AGL):** OVC010. BECMG VV003 AFT 10L  
**MIN ALSTG:** 28.07INS  
**HAZARDS:** NIL. BECMG MDT RIME ICG SFC-130

**WINDLESS BIGHT**

**SFC WIND (TRUE):** 10007KT  
**SFC VISIBILITY (SM):** 2-4 -SN. TEMPO 1-2 -SN BR AFT 13L  
**SKY CONDITION (AGL):** BKN020 OVC035. TEMPO FEW000 BKN005 OVC030 AFT14L  
**MIN ALSTG:** 28.80INS  
**HAZARDS:** OCNL LGT RIME ICG 020-070 AND IN PRECIP

**CAPE CROZIER**

**SFC WIND (TRUE):** 21020KT  
**SFC VISIBILITY (SM):** 4-6 -SN. TEMPO 1-3 -SN BR FM 07 - 11L  
**SKY CONDITION (AGL):** FEW005 BKN015 OVC050  
**MIN ALSTG:** 28.82INS  
**HAZARDS:** OCNL LGT RIME ICG 020-070 AND IN PRECIP

**AIKEN CREEK GAUGE**

**SFC WIND (TRUE):** 04013KT  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (AGL):** BKN025  
**MIN ALSTG:** 28.78INS  
**HAZARDS:** NIL

**GREEN CREEK GAUGE**

**SFC WIND (TRUE):** 06013KT  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (AGL):** BKN030  
**MIN ALSTG:** 28.78INS  
**HAZARDS:** NIL

**CRESCENT STREAM GAUGE**

**SFC WIND (TRUE):** 04013KT  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (AGL):** BKN025  
**MIN ALSTG:** 28.78INS  
**HAZARDS:** NIL

**PRIESTLY GLACIER**

**SFC WIND (TRUE):** 19008KT  
**SFC VISIBILITY (SM):** UNRES –SN. BECMG 2-4 –SN AFT 12L. TEMPO 1-3 –SN BR AFT 12L  
**SKY CONDITION (AGL):** SCT005 OVC010. TEMPO OVC005 AFT 12L  
**MIN ALSTG:** 28.38INS  
**HAZARDS:** OCNL LGT RIME ICG 005-030 AND IN PRECIP

**MZS**

**SFC WIND (TRUE):** 24015G22KT  
**SFC VISIBILITY (SM):** UNRES. TEMPO 4-6 –SN AFT 13L  
**SKY CONDITION (AGL):** BKN025 BKN080 OVC120  
**MIN ALSTG:** 28.76INS  
**HAZARDS:** NIL

**ROADEND**

**SFC WIND (TRUE):** VRB05KT  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (AGL):** BKN020  
**MIN ALSTG:** 28.57INS  
**HAZARDS:** NIL

**MT TUATARA**

**SFC WIND (TRUE):** VRB05KT  
**SFC VISIBILITY (SM):** UNRES. BECMG 4-6 BR AFT 13L  
**SKY CONDITION (AGL):** BKN025  
**MIN ALSTG:** 28.71INS  
**HAZARDS:** NIL

**TADPOLE**

**SFC WIND (TRUE):** VRB05KT

**SFC VISIBILITY (SM):** 1-3 BR. TEMPO UNRES 06-10L

**SKY CONDITION (AGL):** SCT015. BECMG OVC015 AFT 12L

**MIN ALSTG:** 28.50INS

**HAZARDS:** NIL. OCNL LGT RIME ICG 015-040 AFT 14L

**CANADA GL**

**SFC WIND (TRUE):** 09010KT

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** SCT030 BKN050

**MIN ALSTG:** 28.72INS

**HAZARDS:** NIL

**COMMONWEALTH GL**

**SFC WIND (TRUE):** 09013KT

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** SCT020 BKN040

**MIN ALSTG:** 28.70INS

**HAZARDS:** NIL

**CAPE REYNOLDS**

**SFC WIND (TRUE):** 18015G25KT

**SFC VISIBILITY (SM):** ½ - 1 -SN BLSN OVC005. TEMPO 2-4 -SN BLSN AFT 16L

**SKY CONDITION (AGL):** OVC005. TEMPO BKN010 AFT 16L

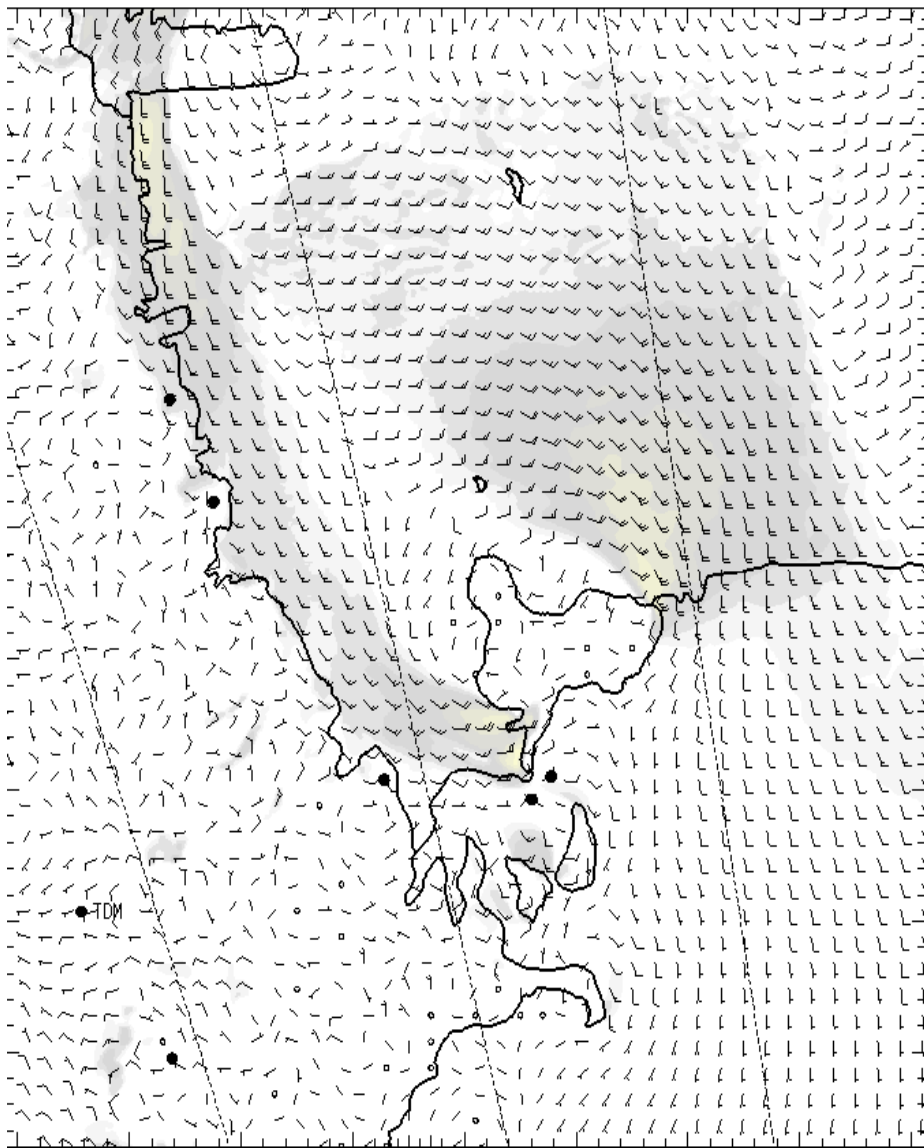
**MIN ALSTG:** 28.76INS

**HAZARDS:** OCNL LGT RIME ICG 005-070 AND IN PRECIP

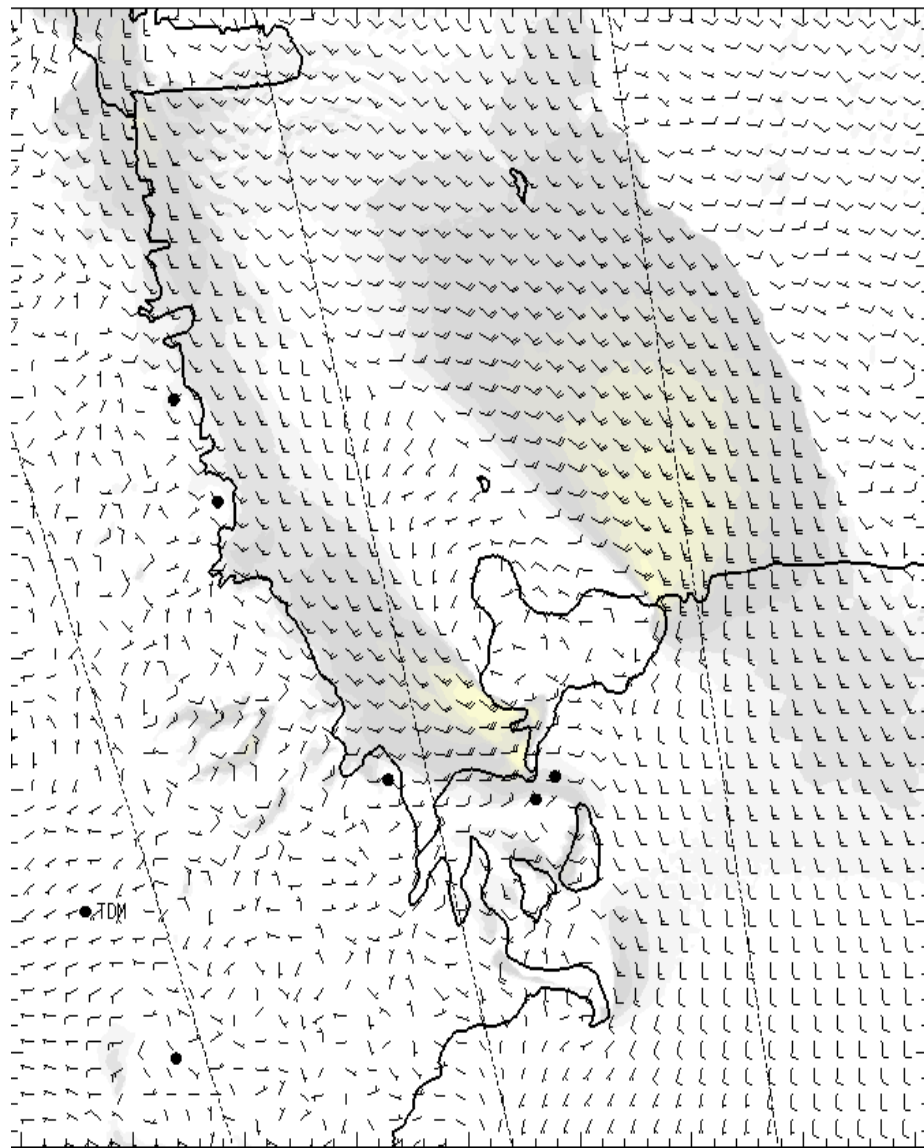
**NIGHT SITE & AREA FORECASTS (VALID TIME: 26/1800L – 27/0600L)**

**NIL**

# SFC

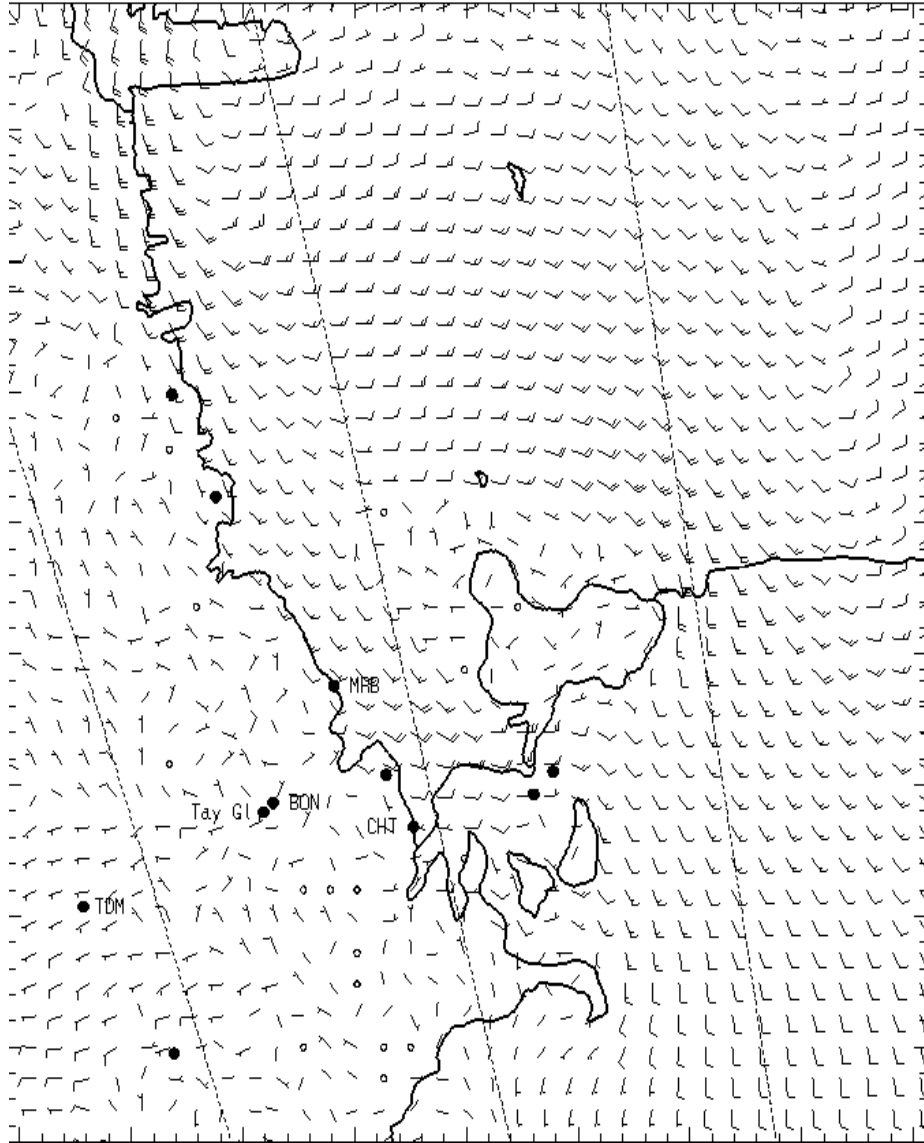


0700L

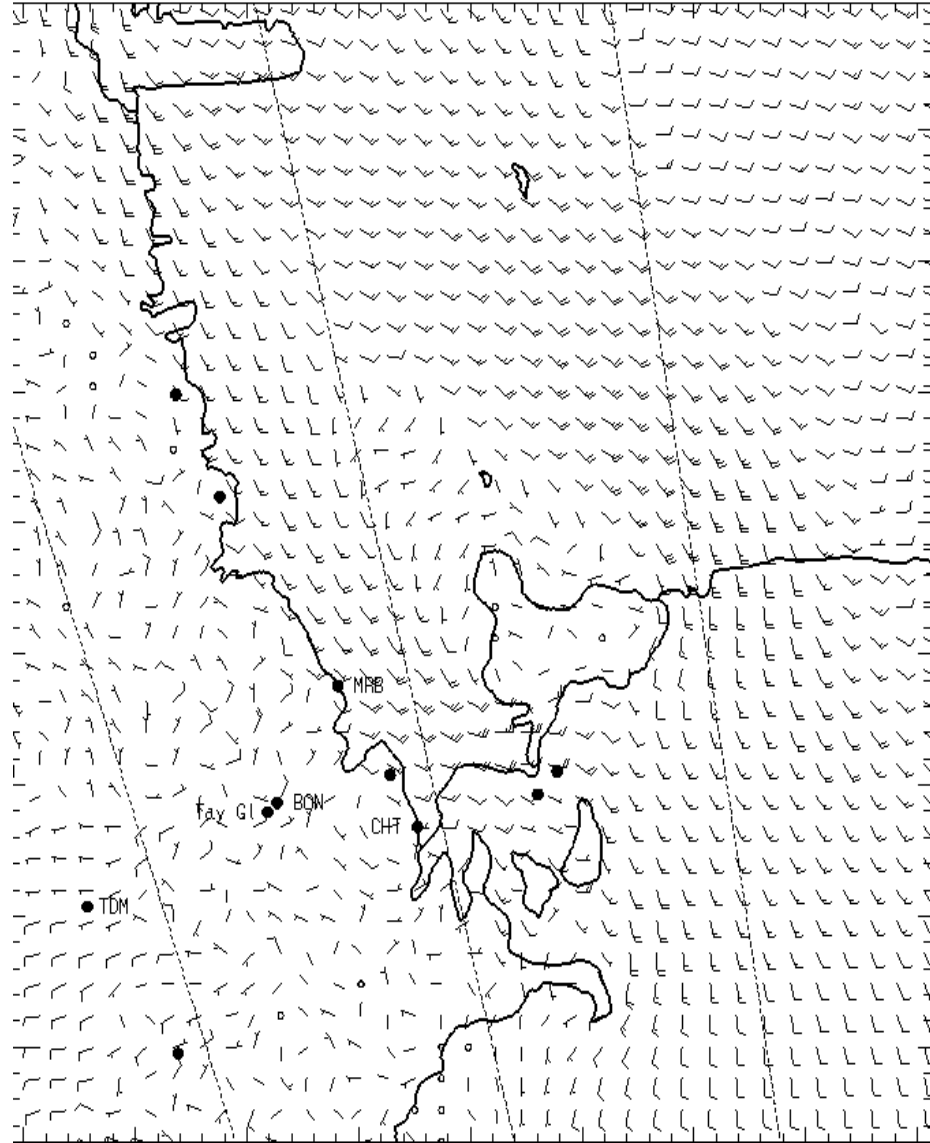


1300L

# 1,000 ft AGL

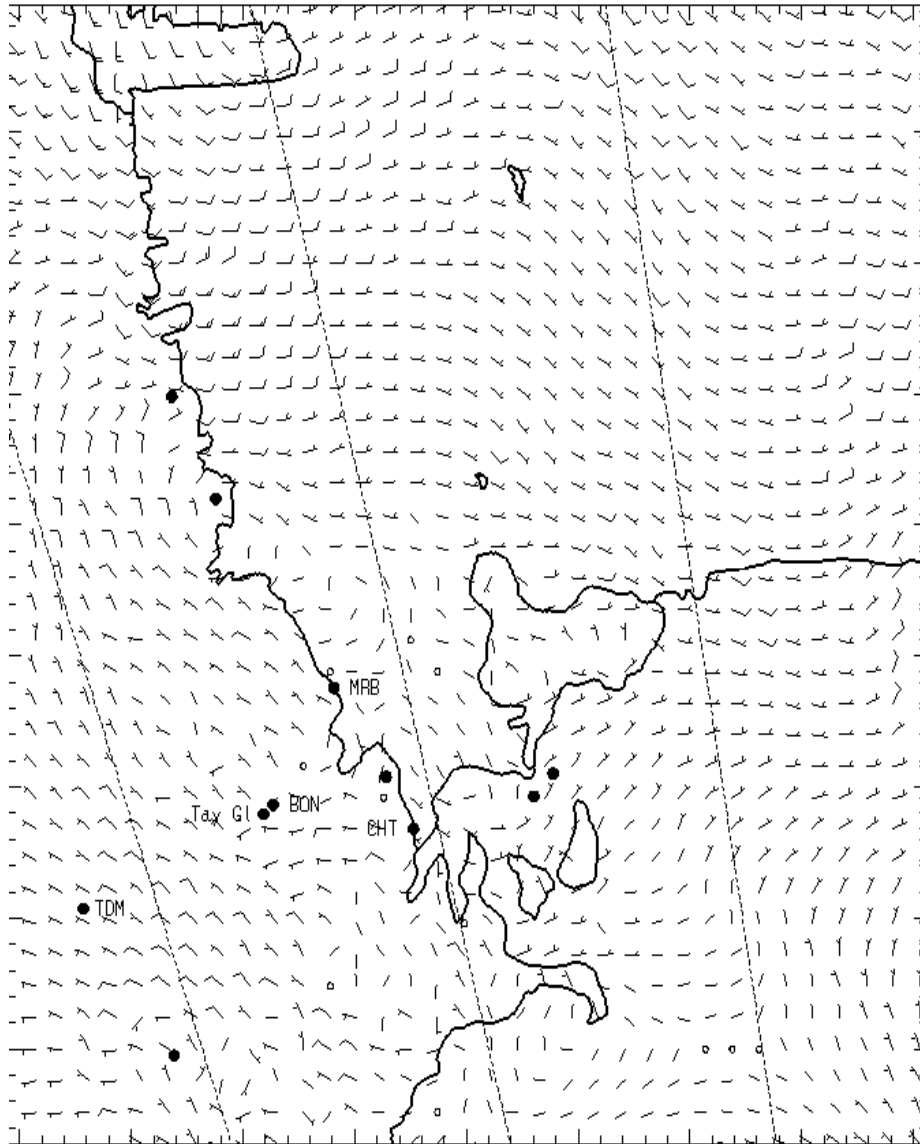


0700L

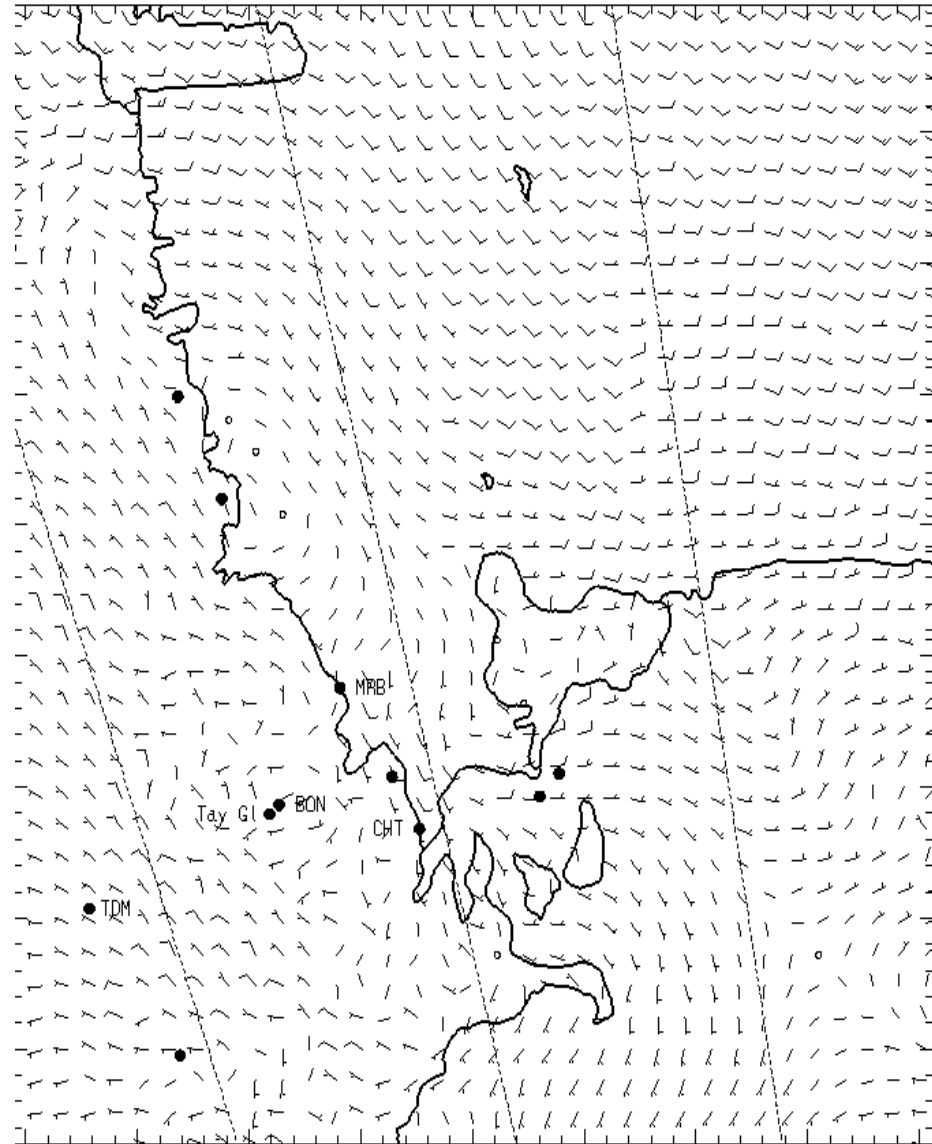


1300L

# 3,000 ft AGL

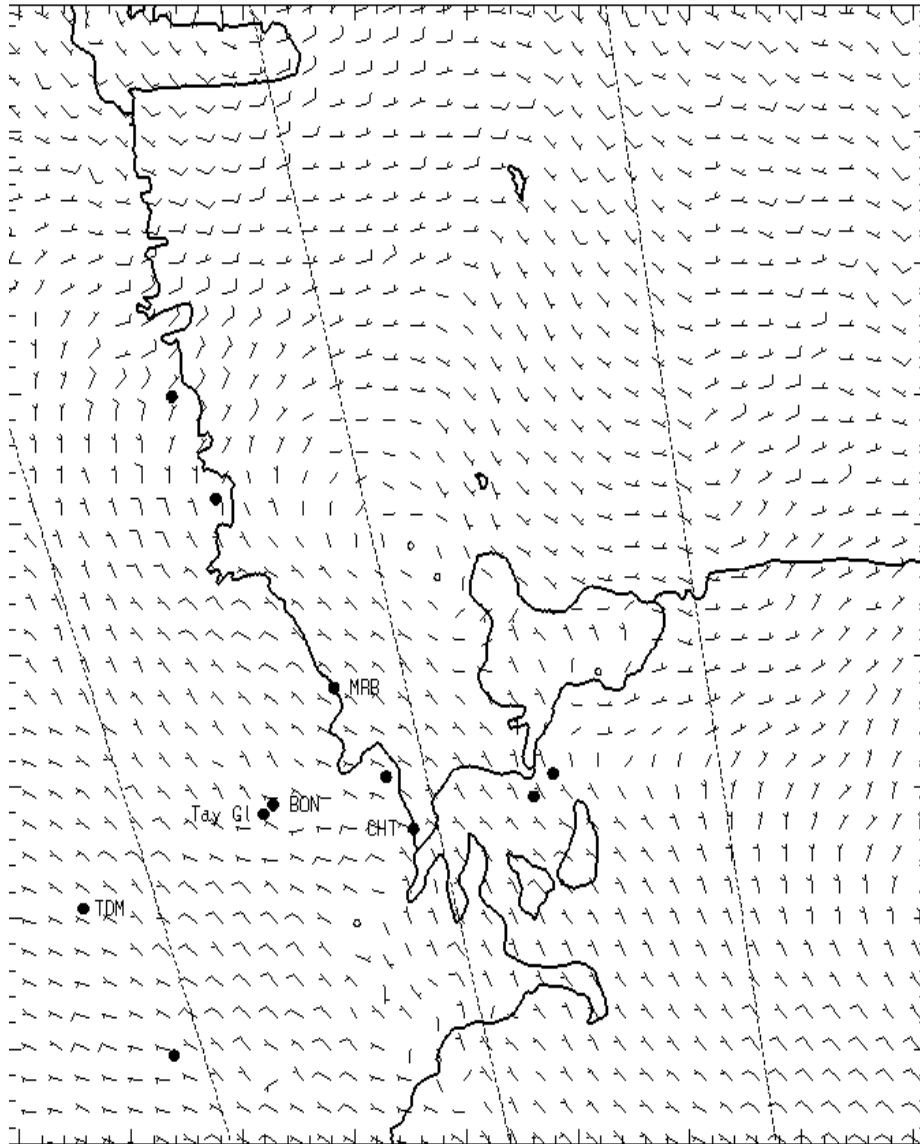


0700L

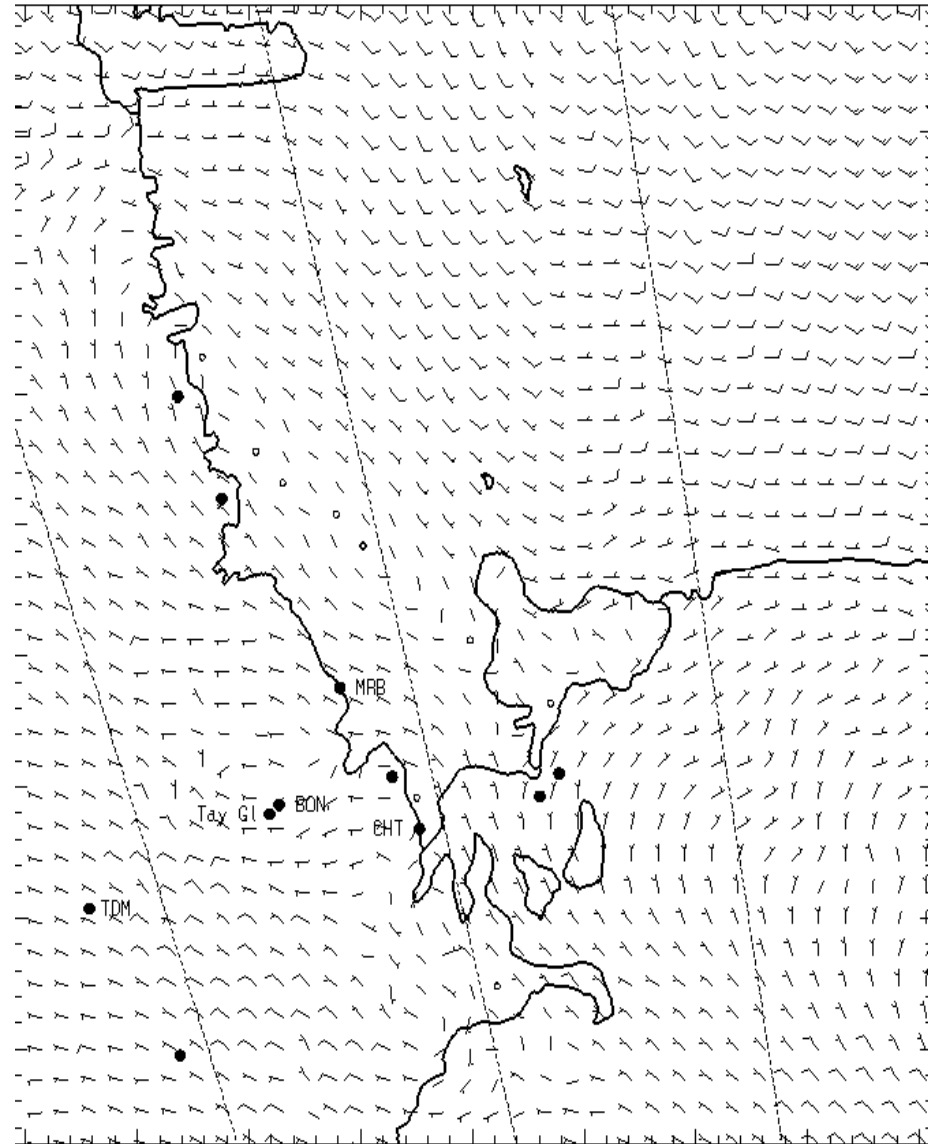


1300L

# 5,000 ft AGL



0700L



1300L