



# Helo Weather

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Date (L): Fri 17 December 2021

Brief Time (L): 0600

Briefing Number: 12-015

FCSTR: Paul Gulli

## REGIONAL SUMMARY

The Ross Island region is still seeing strong winds and mid-level cloudiness this morning under the influence of low pressure to the northeast. After several days of enduring this pattern, model data suggest an easing of the winds this afternoon as the gradient associated with the low weakens and recedes.

## HAZARDS

Moderate to Severe Turbulence remains over the region this morning but will ease in the afternoon as the winds decrease.

## LATEST MCMURDO OBSERVATION

METAR NZCM 161555Z AUTO 10012G17KT 9999 FEW160 SCT180 M01/M11 A2913 RMK AO2 WSHFT 1452 SLP869 T10121107 \$=

## RUNWAY TAFS

TAF NZFX 161457Z 1615/1715 (1704/1804NZDT) 18015G25KT 9999 SCT100 BKN150 510003 QNH2898INS  
GRID35015G25KT  
BECMG 1700/1702 (1713/1715) 06010KT 9999 SCT100 QNH2887INS GRID23010KT

TAF NZWD 161457Z 1615/1715 (1704/1804NZDT) 16015G20KT 9999 SCT100 BKN150 510003 QNH2893INS  
GRID33015G20KT  
BECMG 1704/1706 (1717/1719) 06010KT 9999 SCT100 QNH2887INS GRID23010KT

## MCMURDO HELIPAD FORECAST (VALID TIME: 17/0600L - 1800L)

**SFC WIND (TRUE):** 18018G28KT, BECMG 14012KT AFT 12L

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

**SKY CONDITION (AGL):** BKN100

**MIN ALSTG:** 28.93INS

**HAZARDS:** OCNL MOD TURBC SFC-100, BECMG LGT TURBC SFC-050 AFT 12L

**SITE & AREA FORECASTS (VALID TIME: 17/0600L - 1800L)**

**BLACK ISLAND**

**SFC WIND (TRUE):** 20030G45KT, BECMG 18017KT AFT 11L

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** BKN100

**MIN ALSTG:** 28.91INS

**HAZARDS:** MOD-SVR TURBC SFC-100, BECMG LGT TURBC SFC-050 AFT 11L

**CP ROYDS**

**SFC WIND (TRUE):** 16020G30KT

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** BKN100

**MIN ALSTG:** 28.86INS

**HAZARDS:** MOD TURBC SFC-100

**CP CROZIER/RIS**

**SFC WIND (TRUE):** 23028G40KT, BECMG 20018G28KT AFT 12L

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

**SKY CONDITION (AGL):** BKN100

**MIN ALSTG:** 28.94INS

**HAZARDS:** MOD-SVR TURBC SFC-100, BECMG LGT-MOD TURBC SFC-100 AFT 12L

**ELLB / LK BONNEY / WLLB**

**SFC WIND (TRUE):** 24015G25KT, BECMG 05010KT AFT 15L

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** BKN100

**MIN ALSTG:** 28.88INS

**HAZARDS:** LGT TURBC SFC-050

**MARBLE POINT**

**SFC WIND (TRUE):** 22017KT, BECMG VRB06KT AFT 10L

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** SCT100

**MIN ALSTG:** 28.94INS

**HAZARDS:** LGT TURBC SFC-050, NIL AFT 10L

**SCOTT BASE**

**SFC WIND (TRUE):** 18013G20KT, BECMG 05010KT AFT 11L

**SFC VISIBILITY (SM):** UNRES

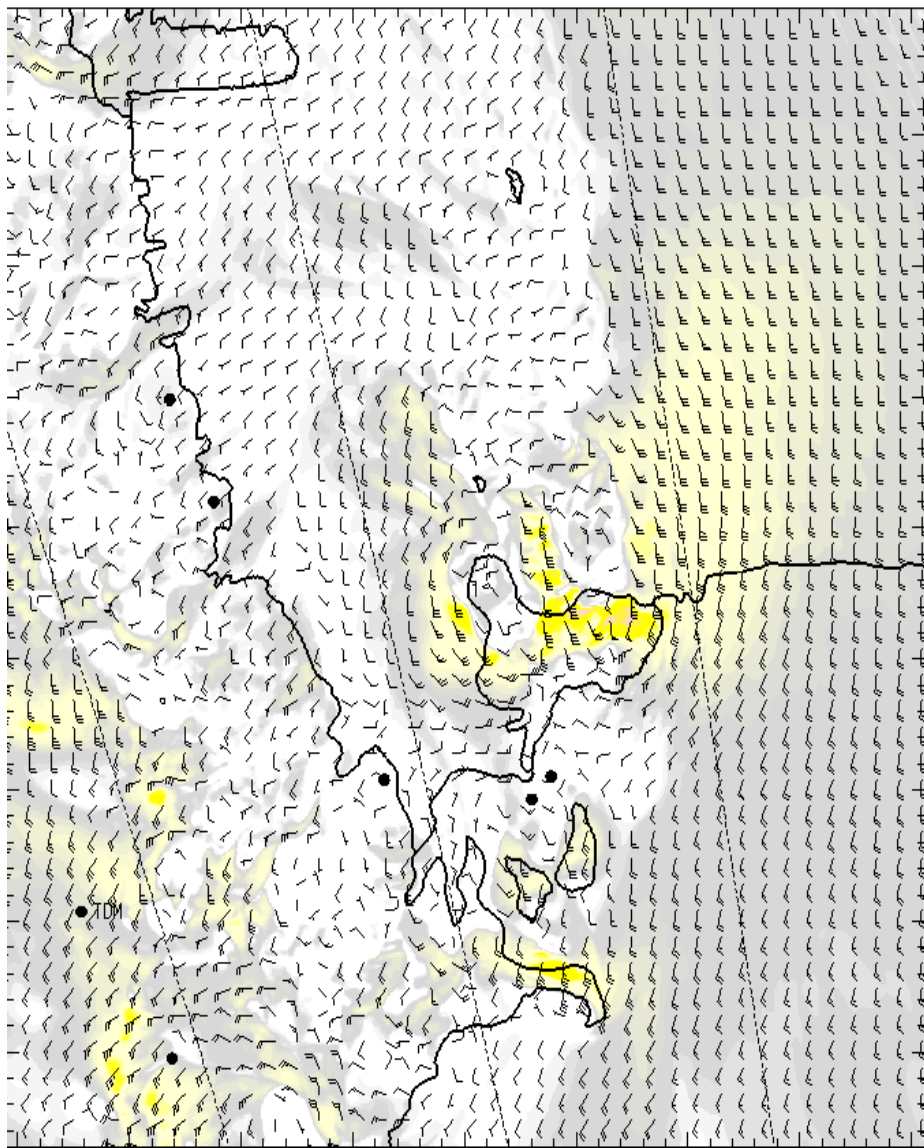
**SKY CONDITION (AGL):** BKN100

**MIN ALSTG:** 28.88INS

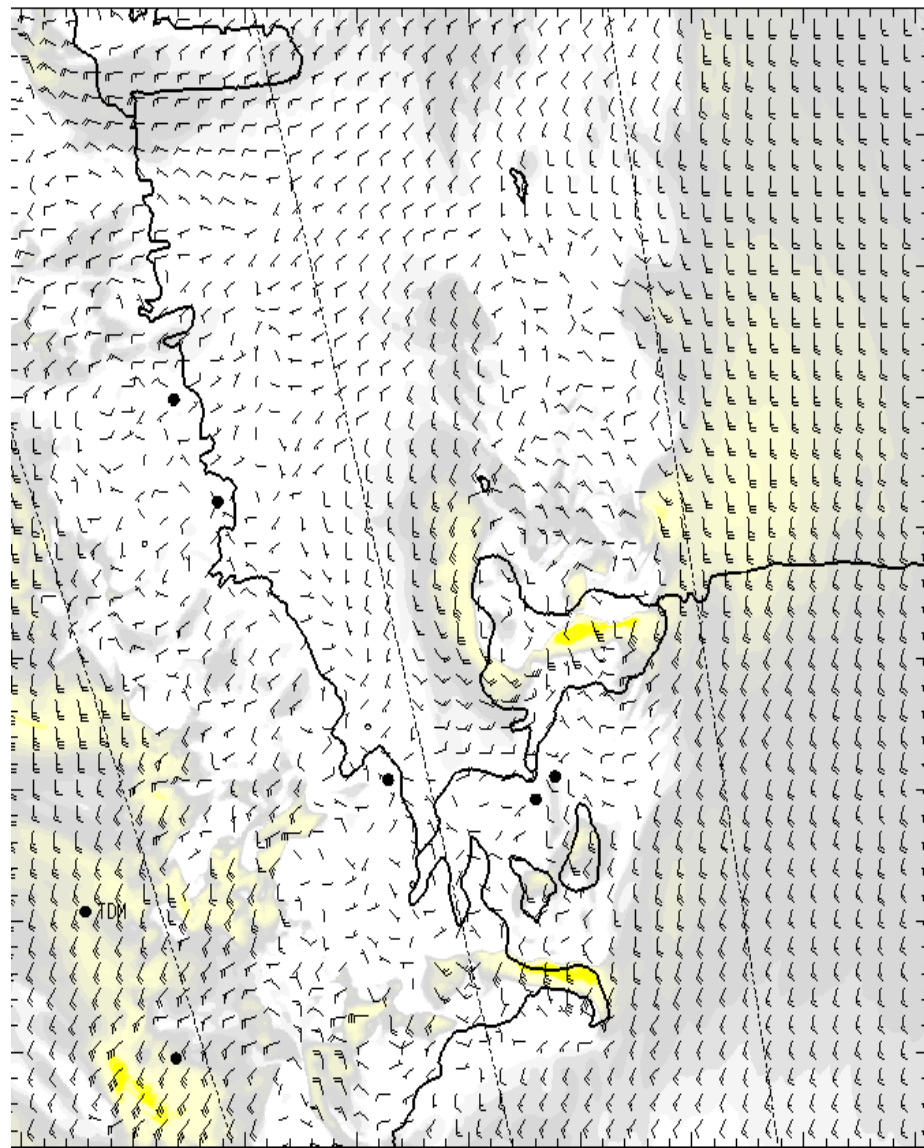
**HAZARDS:** OCNL MOD TURBC SFC-100, BECMG LGT TURBC SFC-050 AFT 11L

**NIGHT AREA OUTLOOKS (VALID TIME: 17/1800L - 18/0600L):** N/A

# SFC

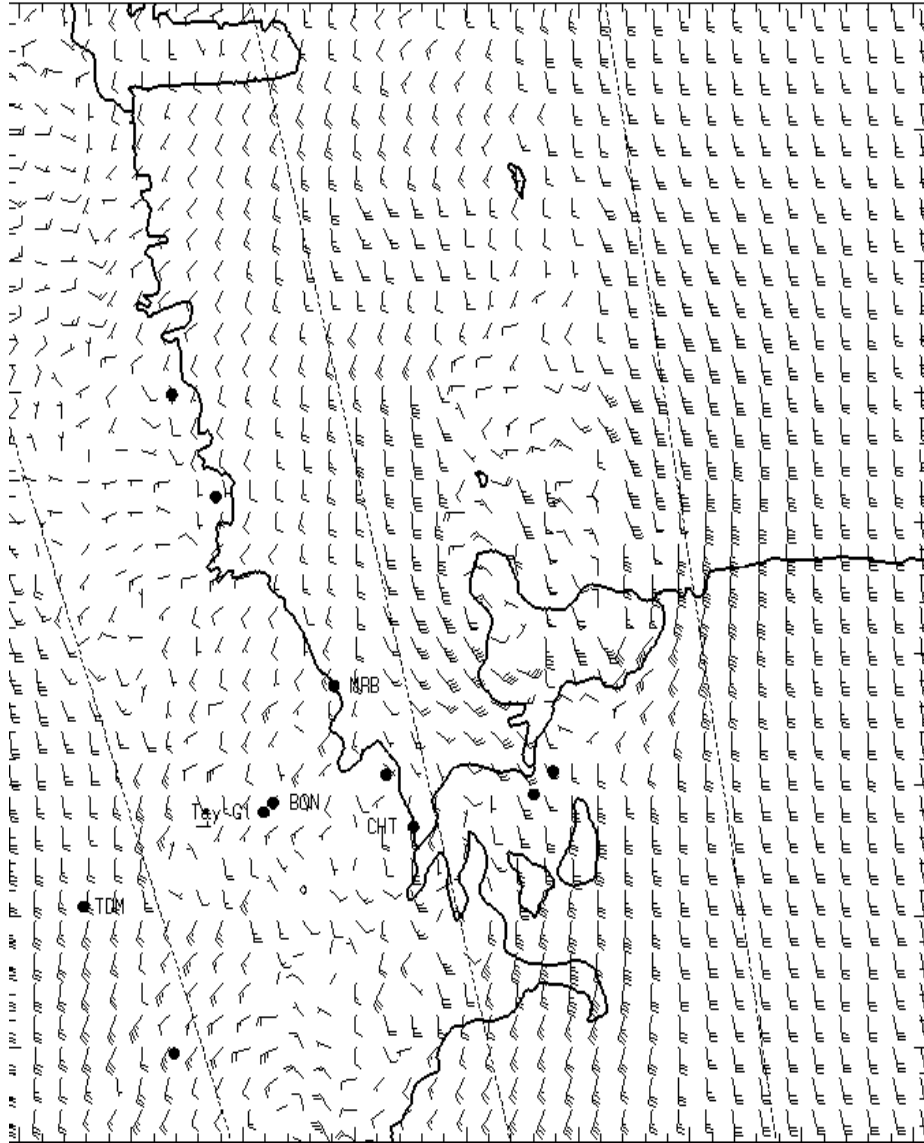


0700L

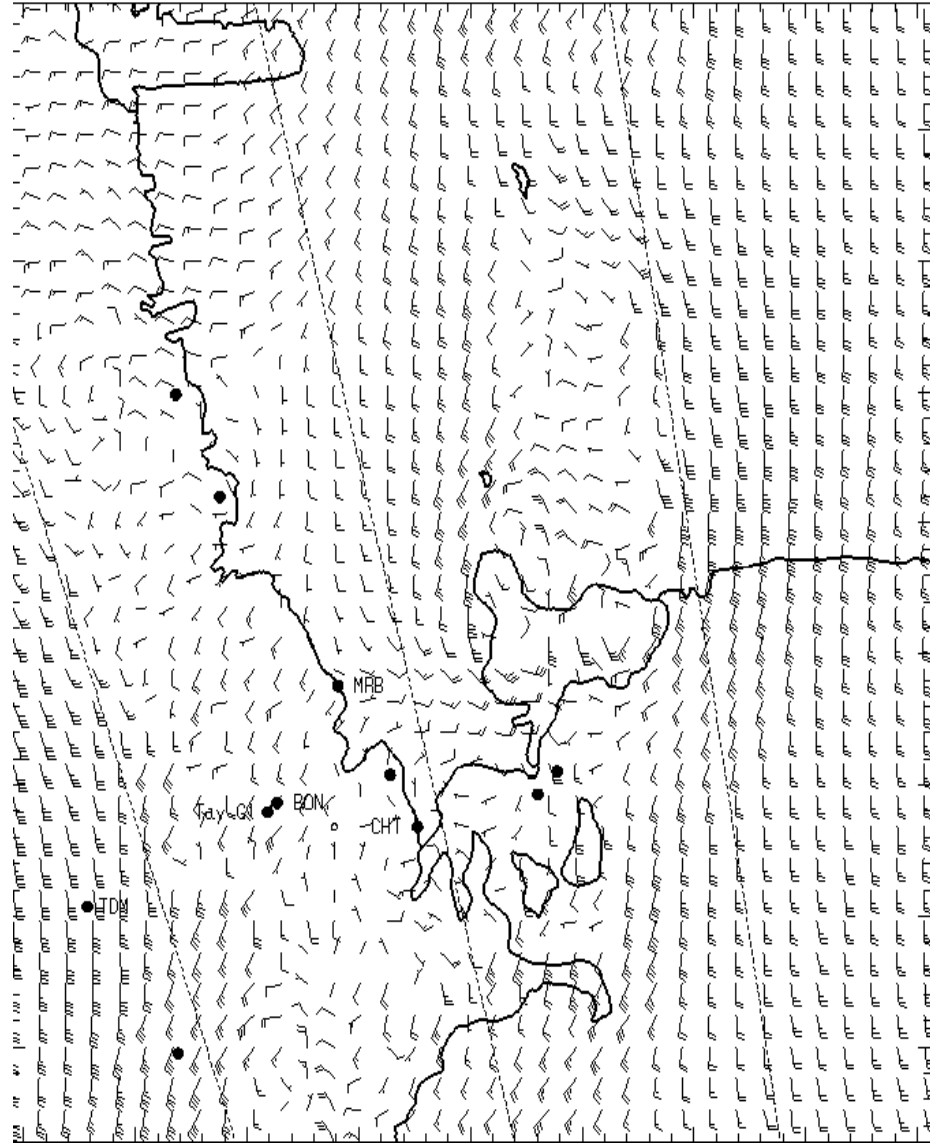


1300L

# 1,000 ft AGL

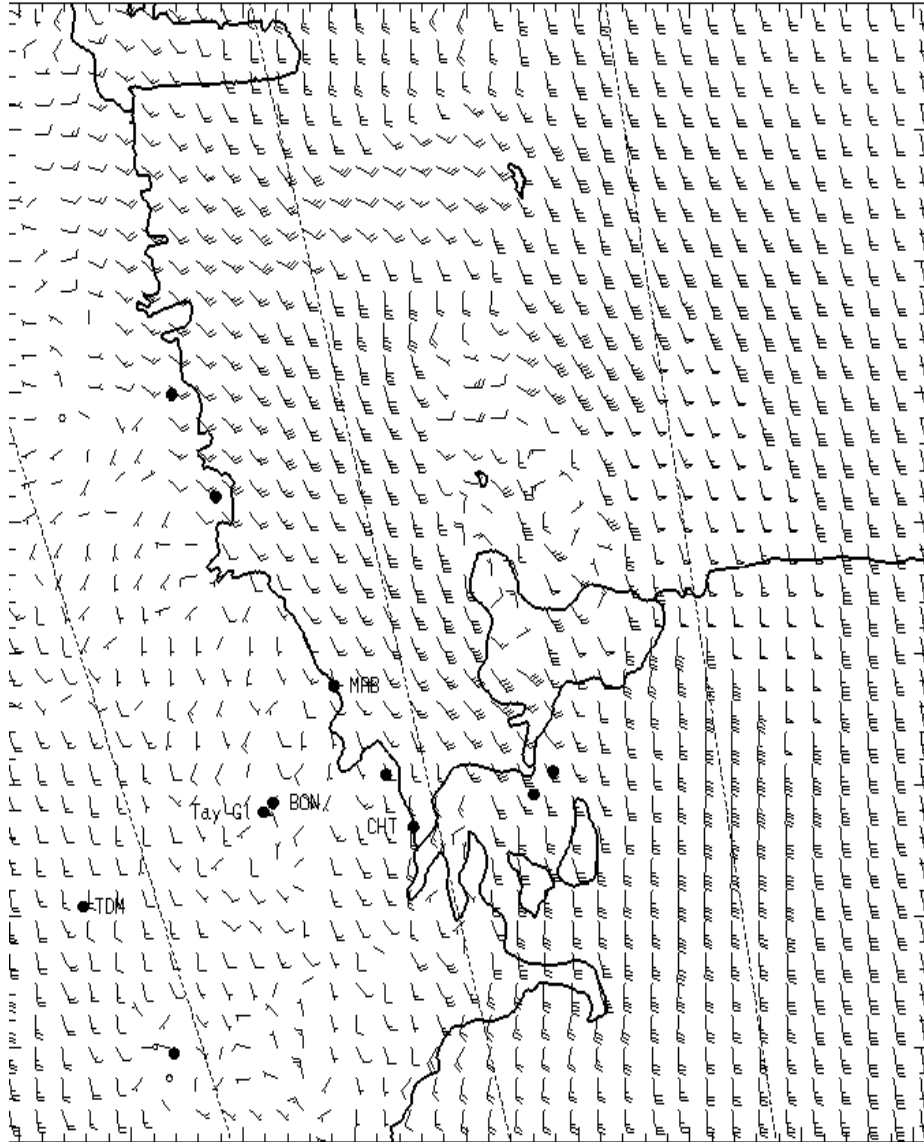


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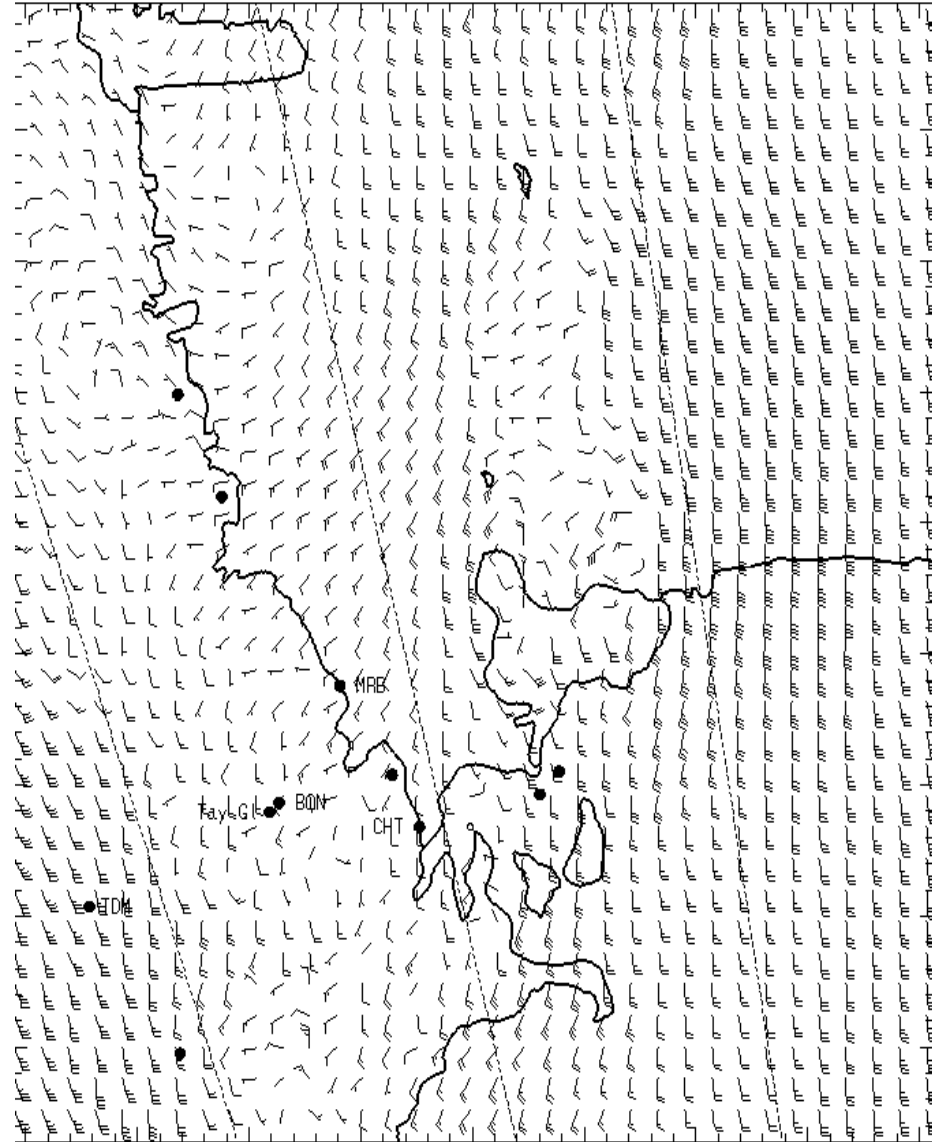


1300L

# 3,000 ft AGL

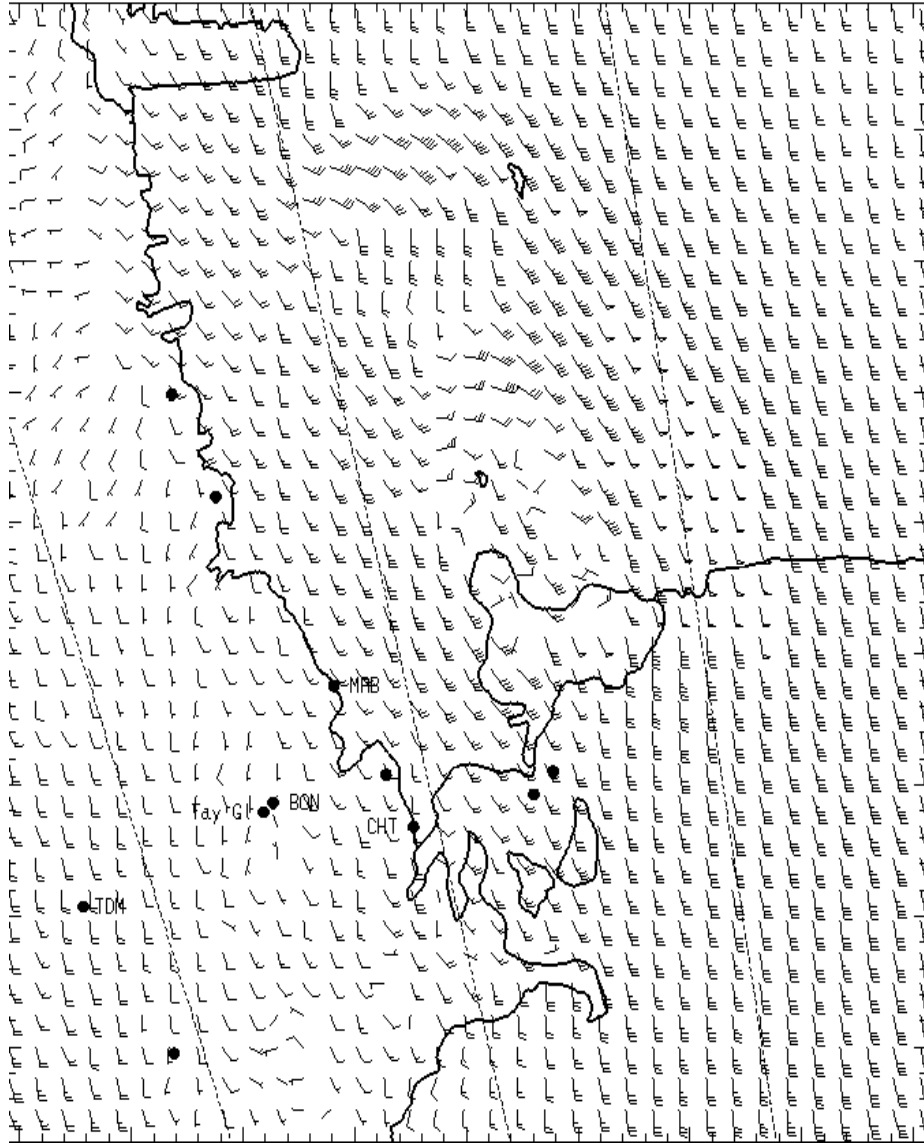


0700L

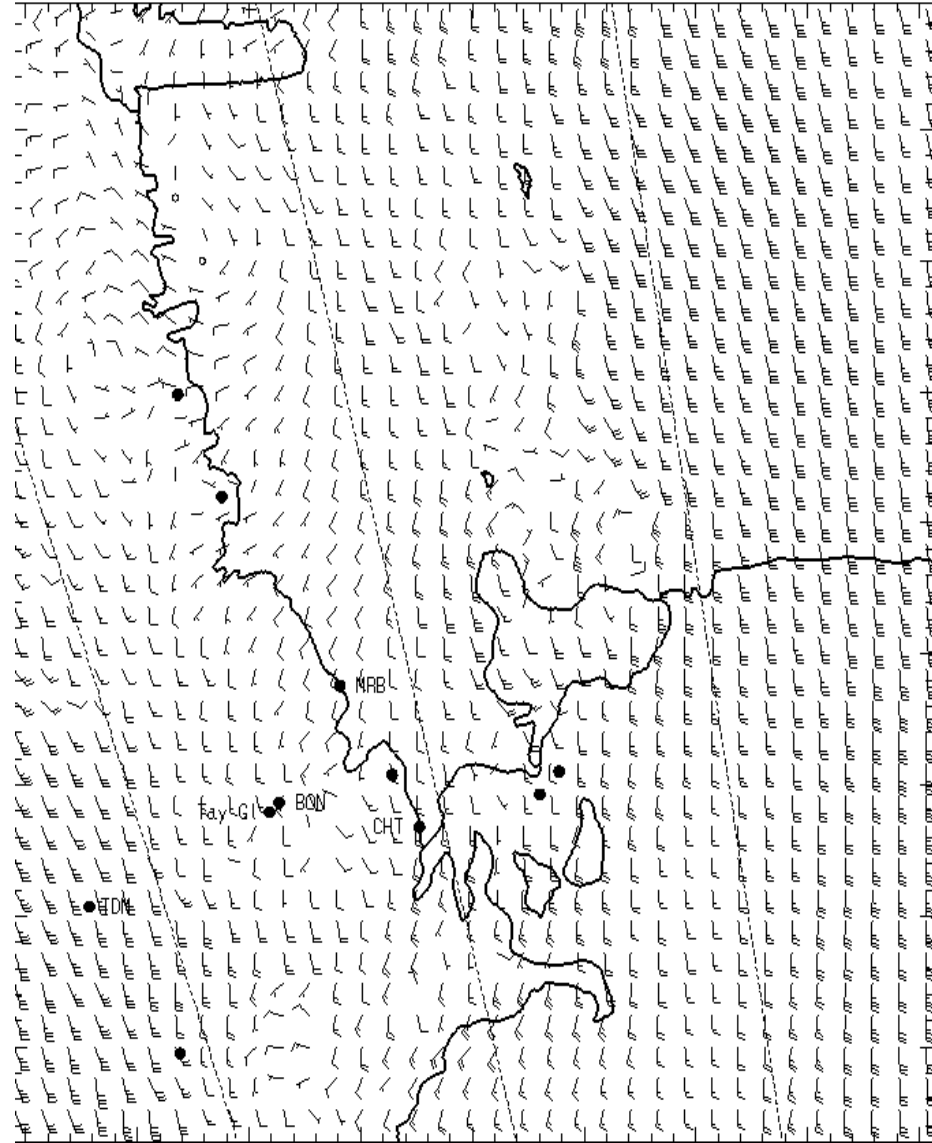


1300L

# 5,000 ft AGL



0700L



1300L