



# Helo Weather

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Date (L): Mon 20 December 2021

Brief Time (L): 0600

Briefing Number: 12-017

FCSTR: Paul Gulli

## REGIONAL SUMMARY

Low pressure to the east has a moderately tight pressure gradient over the eastern portion of the Ross Island region, and is expected to produce intermittently gusty winds today from the southeast and south.

## HAZARDS

The most significant turbulence (moderate) expected today will be over the eastern periphery of the flying area, from Black Island through Cape Crozier, as that area is in the most significant wind flow associated with the low. The Dry Valleys will have light turbulence early today due to katabatic flow, especially in the upper valley areas, but that appears to ease as the day progresses.

## LATEST MCMURDO OBSERVATION

METAR NZCM 191555Z AUTO 18004KT 9999 SKC 00/M10 A2903 RMK AO2 SLP833 T00031099 \$=

## RUNWAY TAFS

TAF NZFX 191458Z 1915/2015 (2004/2104NZDT) VRB06KT 9999 SCT150 QNH2905INS  
TEMPO 1918/1922 (2007/2011) 18020G30KT DRSN 520001 GRID35020G30KT  
BECMG 1920/1922 (2009/2011) 15013KT 9999 SCT150 QNH2902INS GRID32013KT  
TEMPO 1922/2004 (2011/2017) 18020G30KT 520001 GRID35020G30KT

TAF NZWD 191458Z 1915/2015 (2004/2104NZDT) VRB04KT 9999 SCT150 QNH2903INS  
TEMPO 1918/1922 (2007/2011) 18016G26KT DRSN 520001 GRID35016G26KT  
BECMG 1920/1922 (2009/2011) 14012KT 9999 SCT150 QNH2902INS GRID31012KT  
TEMPO 1922/2004 (2011/2017) 18018G28KT DRSN 520001 GRID35018G28KT

## MCMURDO HELIPAD FORECAST (VALID TIME: 20/0600L - 1800L)

**SFC WIND (TRUE):** 11012KT, OCNL 16017KT

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** FEW150

**MIN ALSTG:** 28.95INS

**HAZARDS:** LGT TURBC SFC-100

**SITE & AREA FORECASTS (VALID TIME: 20/0600L - 1800L)**

**MARBLE POINT**

**SFC WIND (TRUE):** 25009KT  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (AGL):** FEW150  
**MIN ALSTG:** 29.01INS  
**HAZARDS:** NIL

**LK BONNEY**

**SFC WIND (TRUE):** 23013KT  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (AGL):** FEW150  
**MIN ALSTG:** 29.01INS  
**HAZARDS:** LGT TURBC SFC-020

**LK HOARE**

**SFC WIND (TRUE):** 24013KT, BECMG 09009KT AFT 12L  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (AGL):** FEW150  
**MIN ALSTG:** 28.99INS  
**HAZARDS:** LGT TURBC SFC-030

**LK FRYXELL**

**SFC WIND (TRUE):** 23013KT, BECMG 10009KT AFT 12L  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (AGL):** FEW150  
**MIN ALSTG:** 28.99INS  
**HAZARDS:** LGT TURBC SFC-030

**BLACK ISLAND**

**SFC WIND (TRUE):** 24009KT, OCNL 18020G30KT  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (AGL):** SCT150  
**MIN ALSTG:** 28.99INS  
**HAZARDS:** OCNL MOD TURBC SFC-100

**F6**

**SFC WIND (TRUE):** 24014KT, BECMG 09009KT AFT 12L  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (AGL):** FEW150  
**MIN ALSTG:** 29.01INS  
**HAZARDS:** LGT TURBC SFC-030

**SCOTT BASE**

**SFC WIND (TRUE):** 05009KT, OCNL 15016KT

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** FEW150

**MIN ALSTG:** 28.99INS

**HAZARDS:** LGT TURBC SFC-100

**COMMONWEALTH GL**

**SFC WIND (TRUE):** VRB06KT

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** FEW150

**MIN ALSTG:** 28.95INS

**HAZARDS:** NIL

**BRATINA IS**

**SFC WIND (TRUE):** 15012KT

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** FEW150

**MIN ALSTG:** 28.98INS

**HAZARDS:** LGT TURBC 020-100

**RIS**

**SFC WIND (TRUE):** 21030G40KT

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

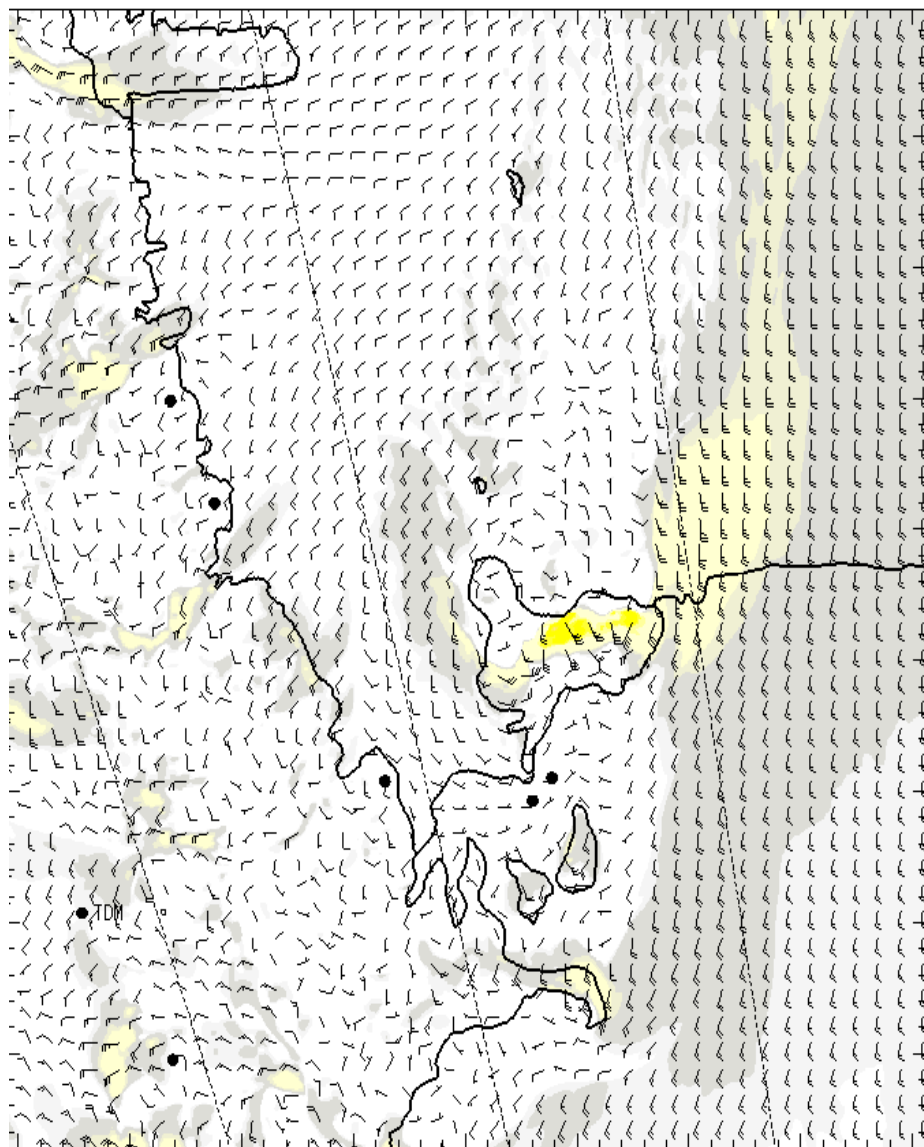
**SKY CONDITION (AGL):** SCT150

**MIN ALSTG:** 28.96INS

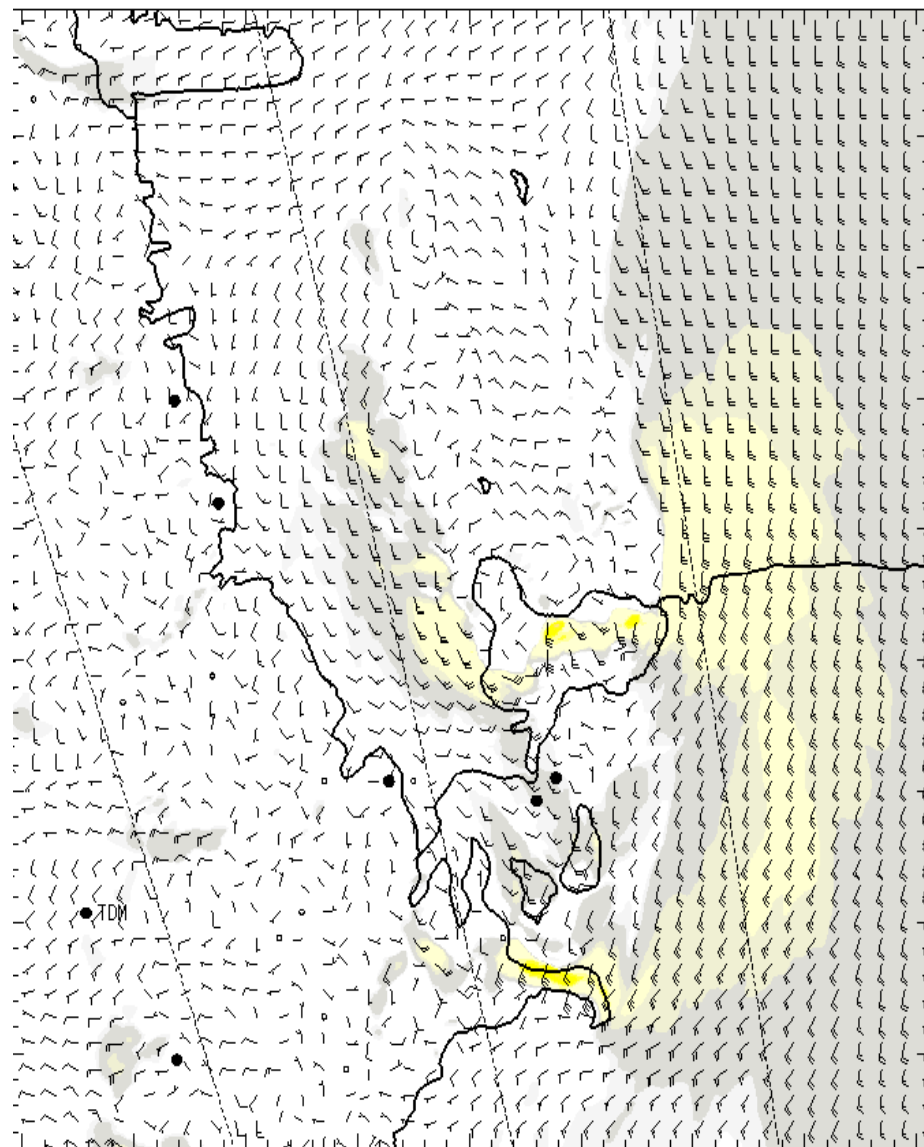
**HAZARDS:** MOD TURBC SFC-100

**NIGHT AREA OUTLOOKS (VALID TIME: 20/1800L - 21/0600L):** N/A

# SFC

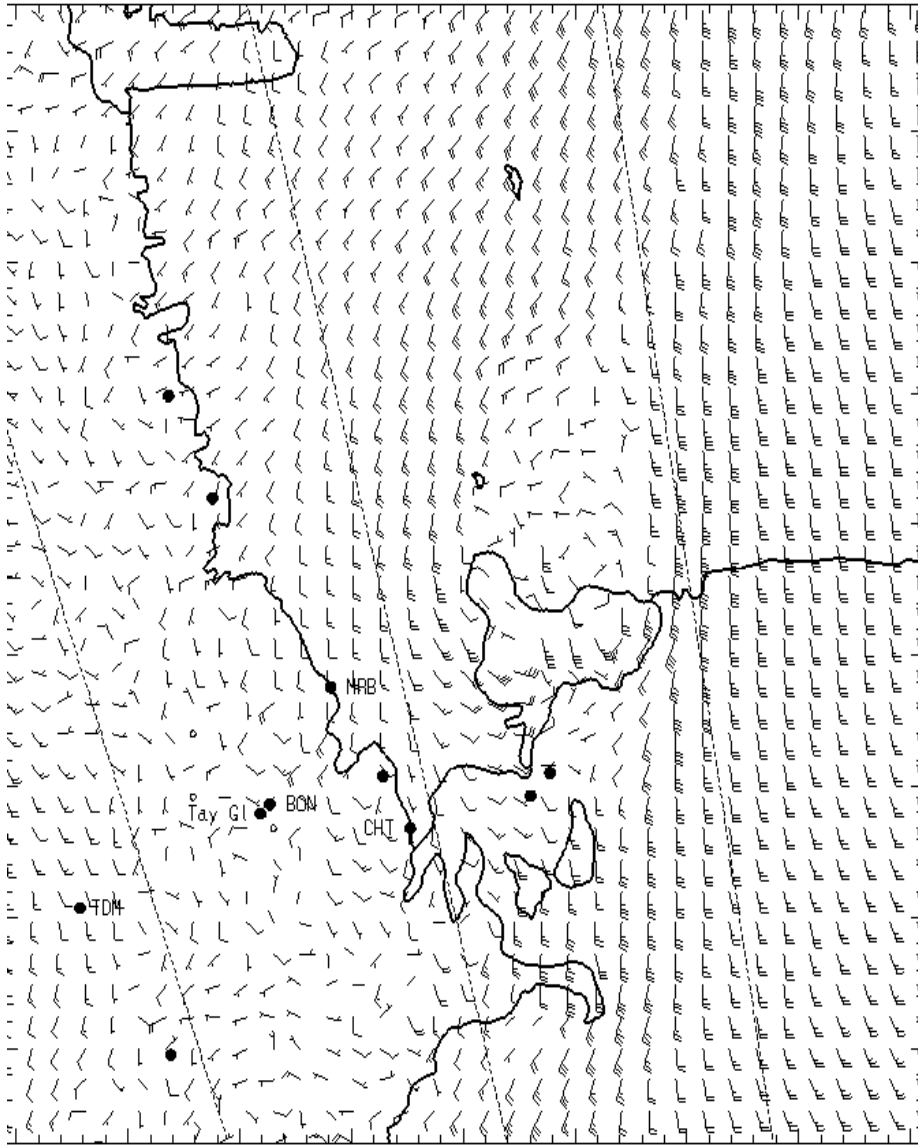


0700L

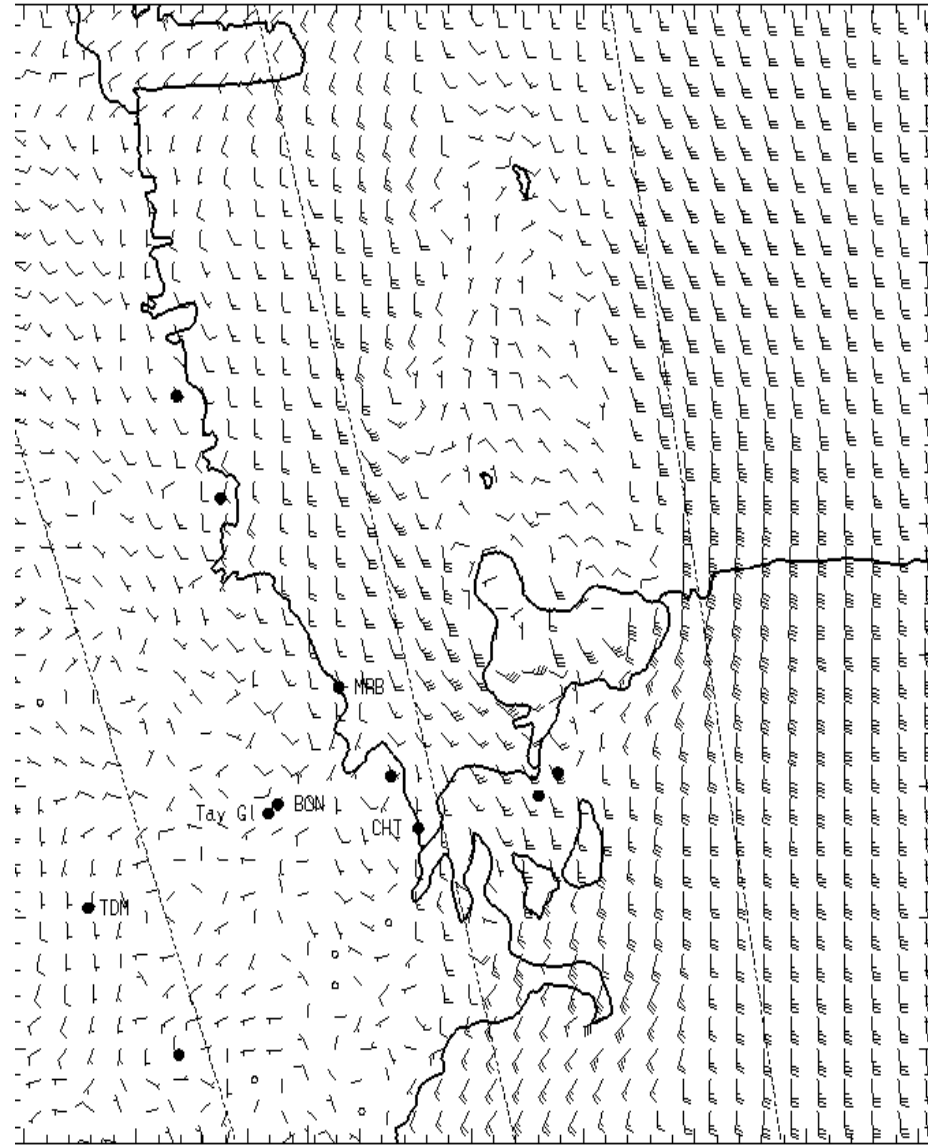


1300L

# 1,000 ft AGL

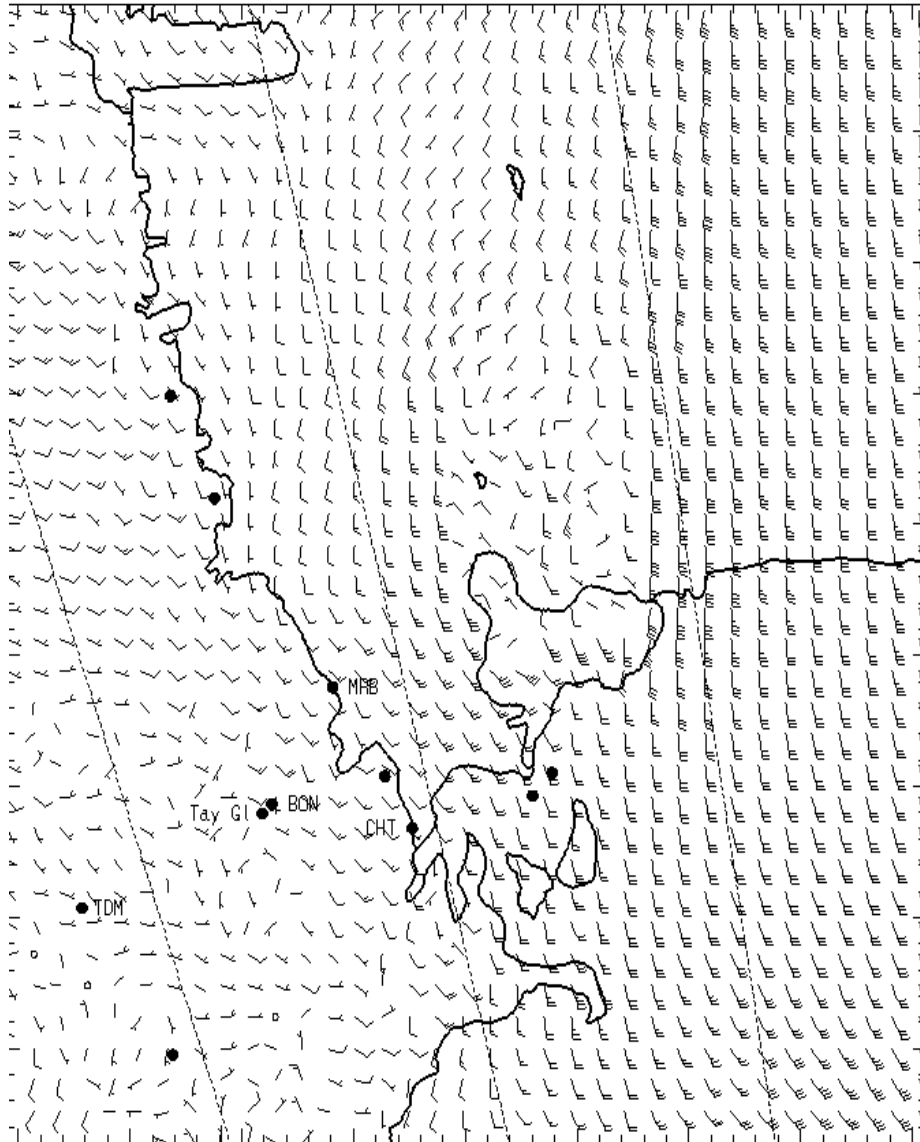


0700L

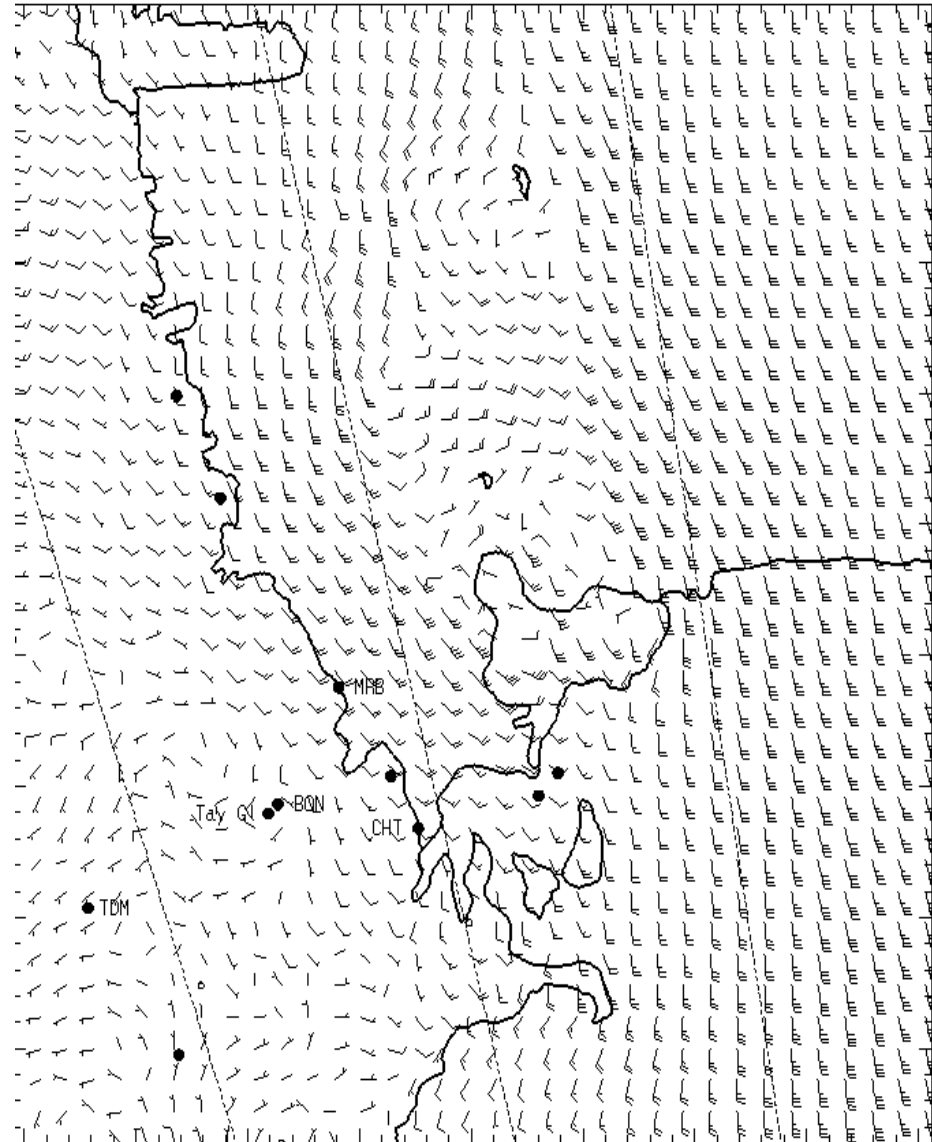


1300L

# 3,000 ft AGL

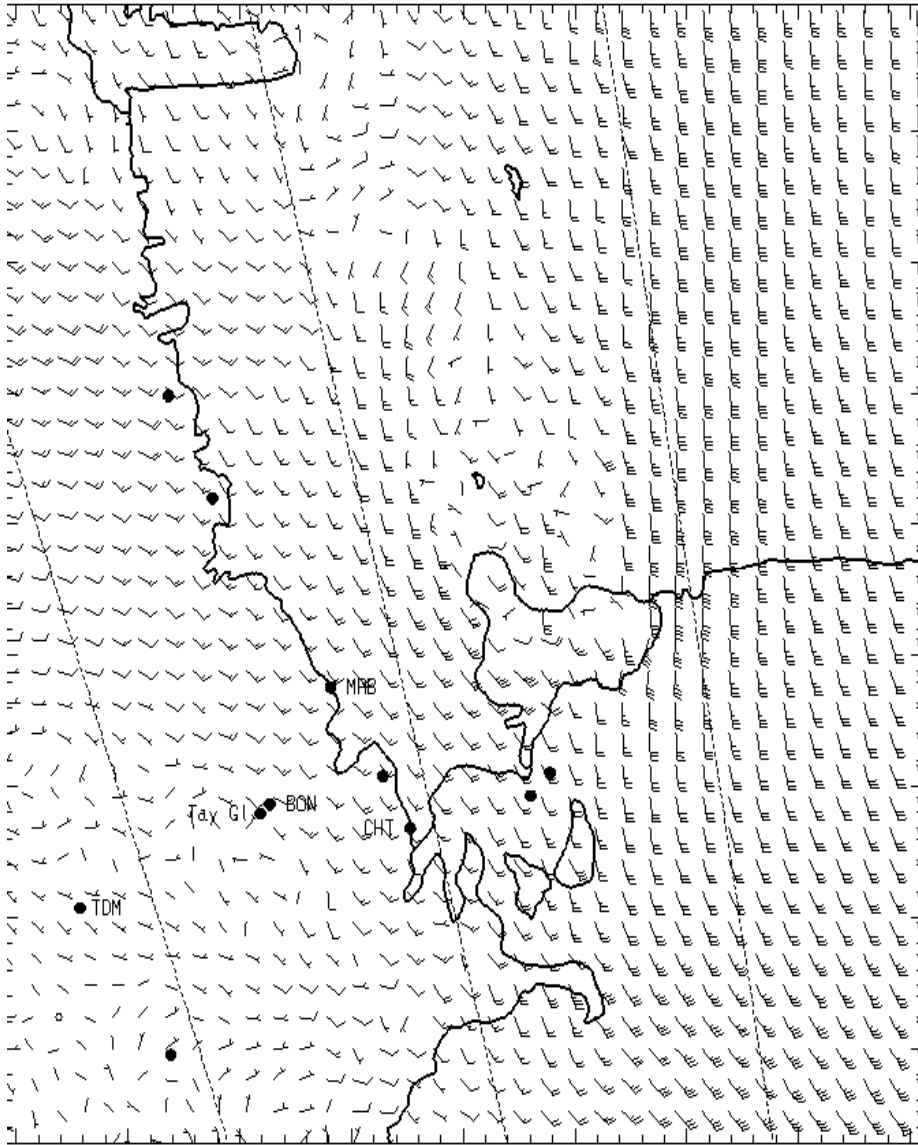


0700L

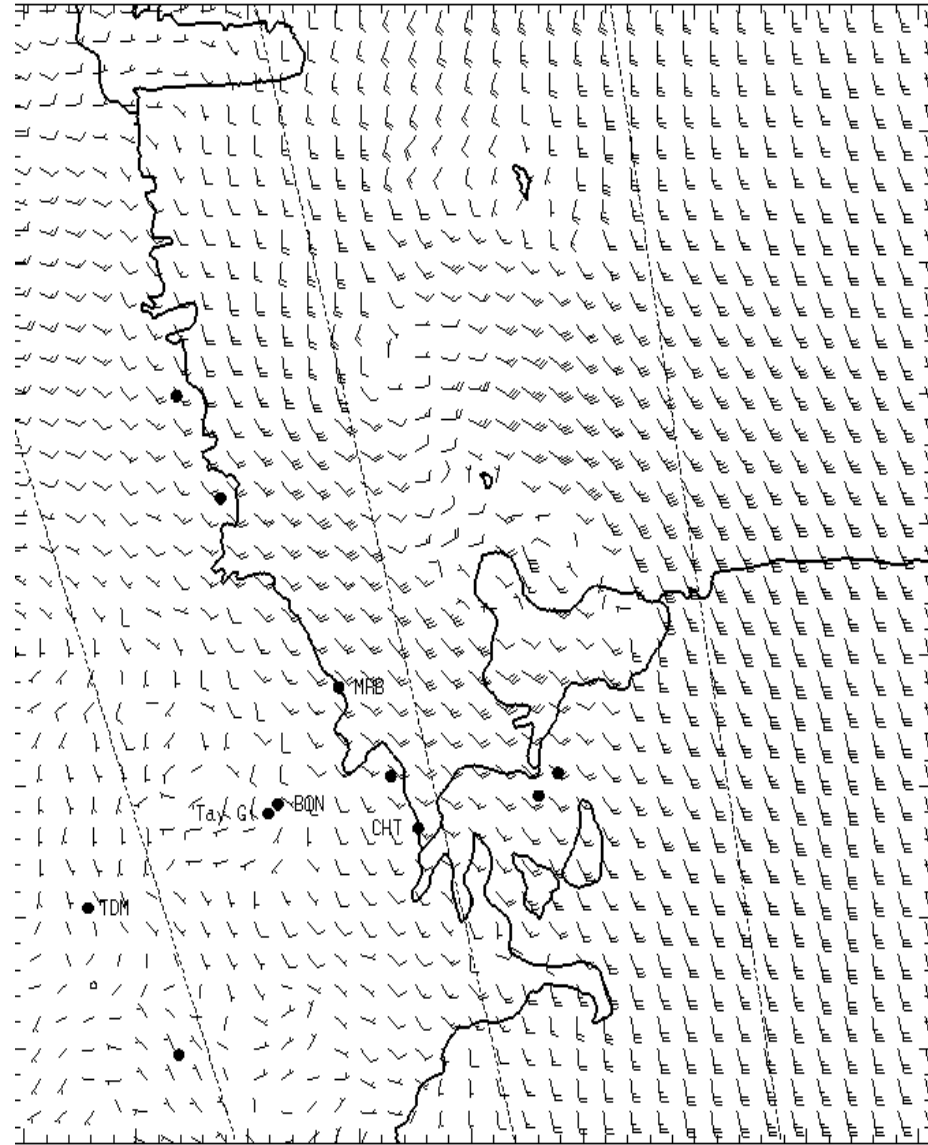


1300L

# 5,000 ft AGL



0700L



1300L