



# HELO Weather

McMurdo Weather  
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Iridium: 00 8816 7632 0030  
Duty Forecaster: x42524  
Briefing Counter: x43353

Date (L): Thursday, 15 December 2022

Brief Time (L): 0615

Briefing Number: 12-14

FCSTR: Alan Stratton

## REGIONAL SUMMARY

SE-S winds of 15-25 KT, with higher gusts, will prevail in exposed locations. Ceilings will slowly lower later today as a large low pressure system approaches from the east. However, the Dry Valleys will generally be protected from the stronger winds and lower clouds.

## HAZARDS

PERIODS OF SEVERE TURBULENCE NEAR AND OVER MINNA BLUFF AND BLACK ISLAND. ELSEWHERE, GENERALLY LIGHT TURBULENCE, EXCEPT OCCASIONAL MODERATE NEAR RUGGED TERRAIN.

OCNL LGT RIME ICG IN CLOUDS UP TO 100 FT ABOVE MSL.

## LATEST MCMURDO OBSERVATION

METAR ZCMA 141628Z AUTO 14016G29KT 110V170 9999 OVC085 00/M07 A2875 RMK AO2 SLP740 GRID31016G29KT 280V340=

## RUNWAY TAFS

TAF NZWD 141458Z 1415/1515 (1504/1604NZDT) 12010G20KT 9999 FEW040 BKN080 QNH2874INS GRID29010G20KT

BECMG 1420/1422 (1509/1511) 18018G30KT 9000 BLSN SCT030 BKN050 520003 QNH2878INS GRID35018G30KT

BECMG 1504/1506 (1517/1519) 18018G30KT 8000 -SN BLSN SCT015 BKN025 620255 520003 QNH2878INS  
GRID35018G30KT

## MCMURDO HELIPAD FORECAST (VALID TIME: 15/0600L – 15/1800L)

**SFC WIND (TRUE):** 15015G25KT

**SFC VISIBILITY (SM):** UNR

**SKY CONDITION (AGL):** BKN080, BECMG SCT030 BKN050 AFT 12L

**MIN ALSTG:** 2875INS

**HAZARDS:** LGT TURBC SFC-030

## SITE & AREA FORECASTS (VALID TIME: 15/0600L – 15/1800L)

### SCOTT BASE

**SFC WIND (TRUE):** 15015G25KT

**SFC VISIBILITY (SM):** UNR

**SKY CONDITION (AGL):** BKN080, BECMG SCT030 BKN050 AFT 12L

**MIN ALSTG:** 2875INS

**HAZARDS:** LGT TURBC SFC-030

**BLACK ISLAND**

**SFC WIND (TRUE):** 18045G60KT  
**SFC VISIBILITY (SM):** UNR, OCNL 1-3 BR BLSN  
**SKY CONDITION (AGL):** FEW010 BKN070 OVC100  
**MIN ALSTG:** 2873INS  
**HAZARDS:** MDT OCNL SVR TURBC

**MINNA BLUFF**

**SFC WIND (TRUE):** 21040G50KT  
**SFC VISIBILITY (SM):** 1-2 BR –SN, TEMPO < ¼ SN FG  
**SKY CONDITION (AGL):** SCT000 BR, TEMPO VV002  
**MIN ALSTG:** 2860INS  
**HAZARDS:** SVR TURBC SFC-060, LGT RIME ICG IN CLOUD

**MARBLE POINT**

**SFC WIND (TRUE):** 15013KT, TEMPO VRB 06 AFT 14L  
**SFC VISIBILITY (SM):** UNR, TEMPO 2-4 BR AFT 13L  
**SKY CONDITION (AGL):** SCT040 BKN075, TEMPO SCT 015 AFT 15L  
**MIN ALSTG:** 2876INS  
**HAZARDS:** NIL

**LAKE HOARE**

**SFC WIND (TRUE):** VRB06KT  
**SFC VISIBILITY (SM):** UNR  
**SKY CONDITION (AGL):** FEW050 BKN075  
**MIN ALSTG:** 2874INS  
**HAZARDS:** NIL

**LAKE BONNEY**

**SFC WIND (TRUE):** VRB06KT  
**SFC VISIBILITY (SM):** UNR  
**SKY CONDITION (AGL):** SCT050 BKN075  
**MIN ALSTG:** 2873INS  
**HAZARDS:** NIL

**LAKE FRYXELL**

**SFC WIND (TRUE):** VRB06KT  
**SFC VISIBILITY (SM):** UNR, TEMPO 4-6 BR AFT 14L  
**SKY CONDITION (AGL):** FEW050 BKN080  
**MIN ALSTG:** 2878INS  
**HAZARDS:** NIL

**F6**

**SFC WIND (TRUE):** 06009KT  
**SFC VISIBILITY (SM):** UNR  
**SKY CONDITION (AGL):** SCT080, TEMPO SCT025 BKN075 AFT 15L  
**MIN ALSTG:** 2877INS

**HAZARDS: NIL**

**MT NEWALL**

**SFC WIND (TRUE):** 19008KT, BECMG 02007KT AFT 12L

**SFC VISIBILITY (SM):** UNR. LOWERING 1-3 SN BR 11L – 16L

**SKY CONDITION (AGL):** SCT025 SCT080, BECMG BKN000 OVC005 FM 12L-16L

**MIN ALSTG:** 2853INS

**HAZARDS:** MDT RIME AND MIXED ICG IN CLOUD AND PRECIP 12L – 16L

**HOWARD GLACIER**

**SFC WIND (TRUE):** 20008KT

**SFC VISIBILITY (SM):** UNR

**SKY CONDITION (AGL):** SCT045 BKN070

**MIN ALSTG:** 2870INS

**HAZARDS:** OCNL LGT TURBC 005-020 AFT 12L

**COMMONWEALTH GLACIER**

**SFC WIND (TRUE):** 19010KT

**SFC VISIBILITY (SM):** UNR

**SKY CONDITION (AGL):** FEW020 SCT050 BKN075

**MIN ALSTG:** 2871INS

**HAZARDS:** OCNL LGT TURBC 005-020 AFT 12L

**TAYLOR VALLEY HOVER SITES**

**SFC WIND (TRUE):** 04007KT

**SFC VISIBILITY (SM):** UNR

**SKY CONDITION (AGL):** SCT075, BECMG FEW 020 SCT050 BKN075 AFT 14L

**MIN ALSTG:** 2871INS

**HAZARDS:** NIL

**MOA GLACIER**

**SFC WIND (TRUE):** 20008KT

**SFC VISIBILITY (SM):** UNR

**SKY CONDITION (AGL):** FEW050 SCT070, BECMG FEW 025 SCT040 BKN075 AFT 14L. TEMPO BKN010 AFT 16L

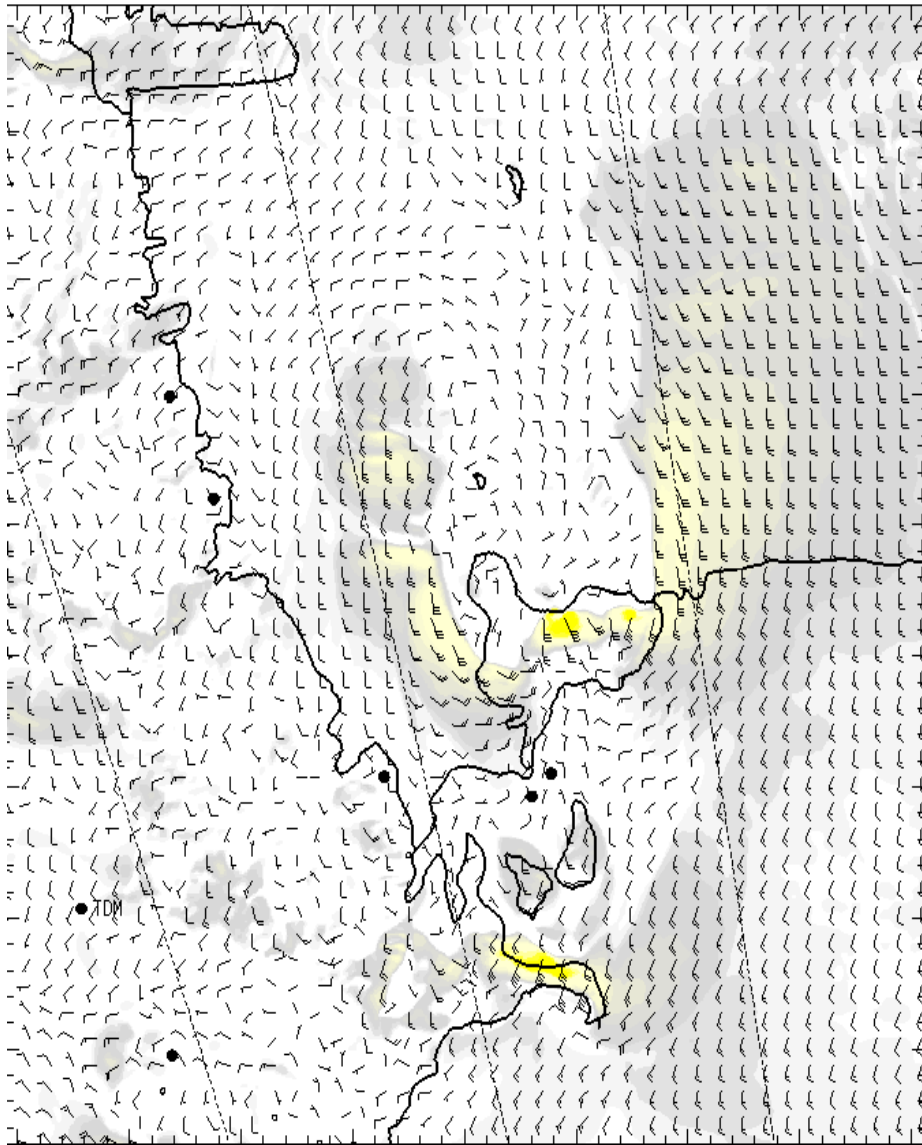
**MIN ALSTG:** 2870INS

**HAZARDS:** NIL

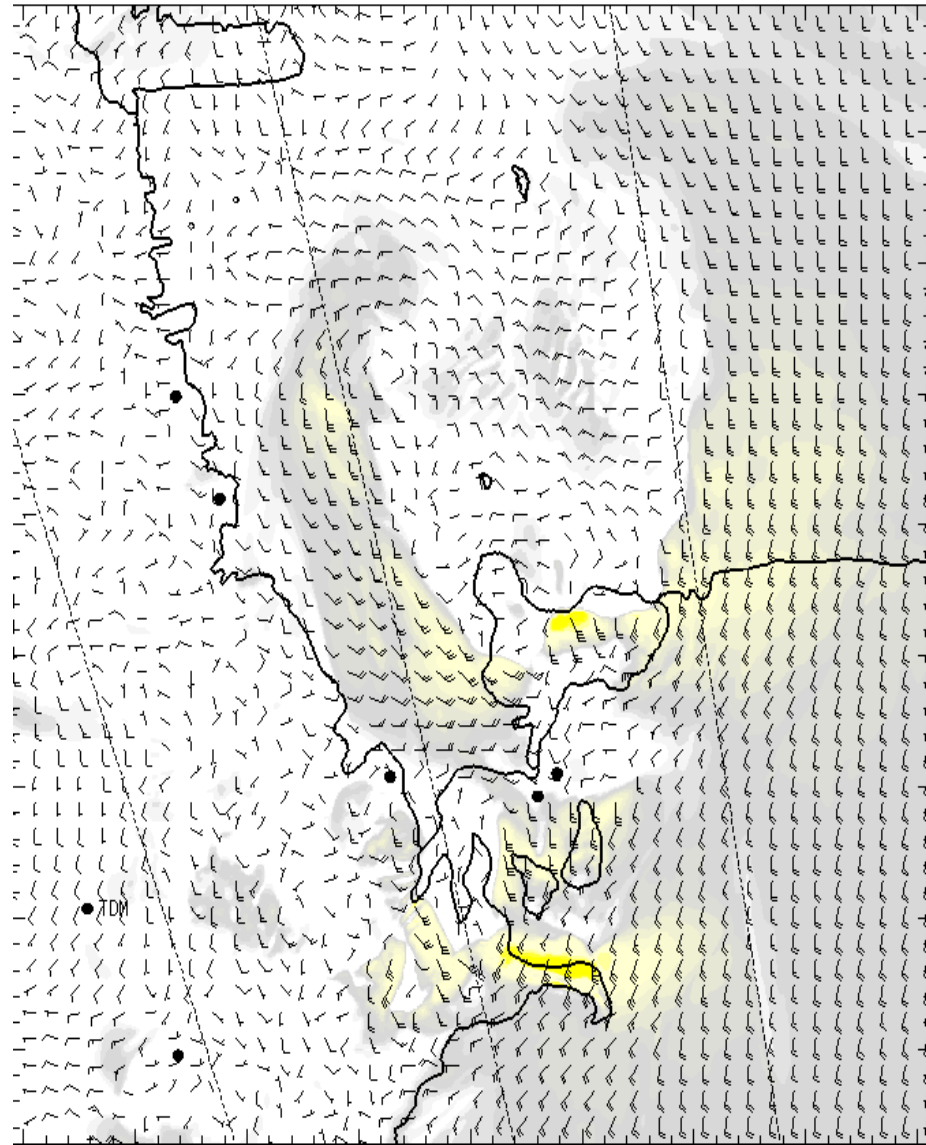
**NIGHT AREA OUTLOOKS (VALID TIME: 15/1800L – 16/0600L)**

NIL

# SFC

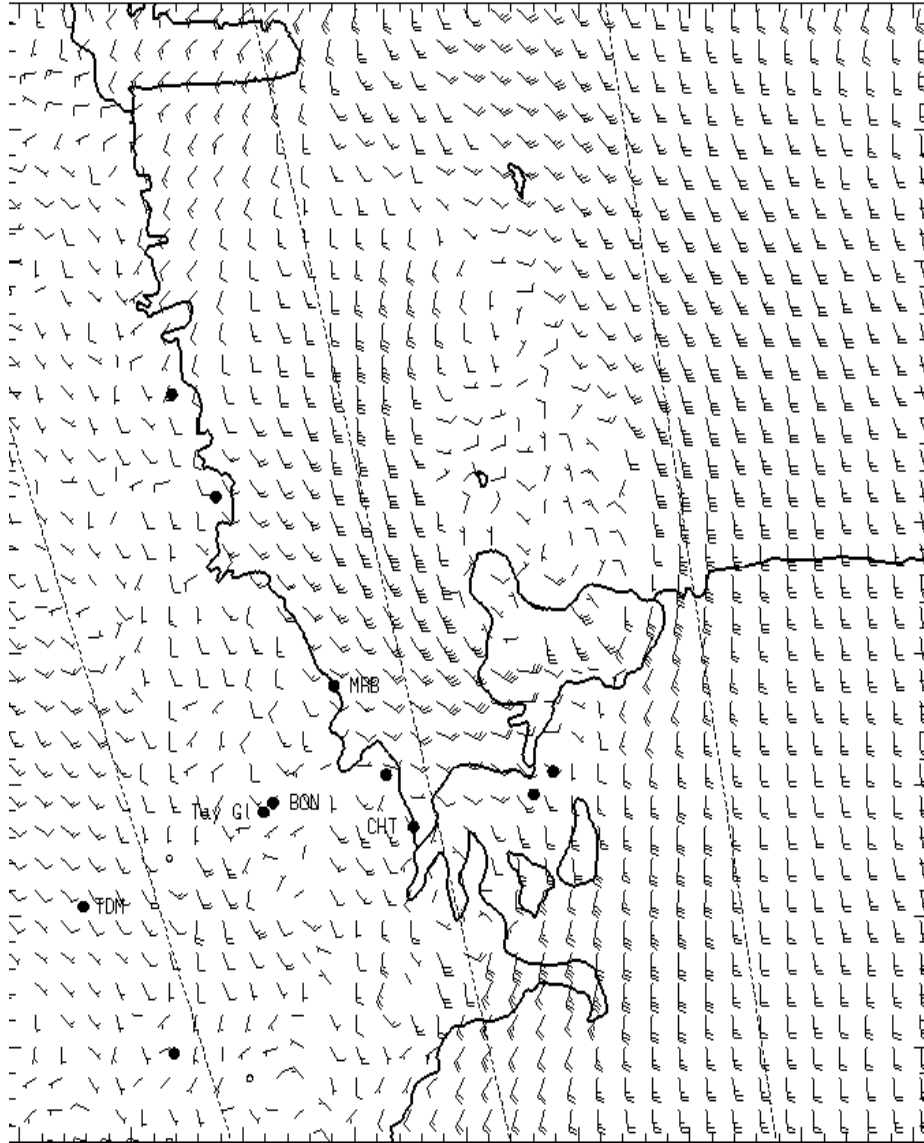


0700L

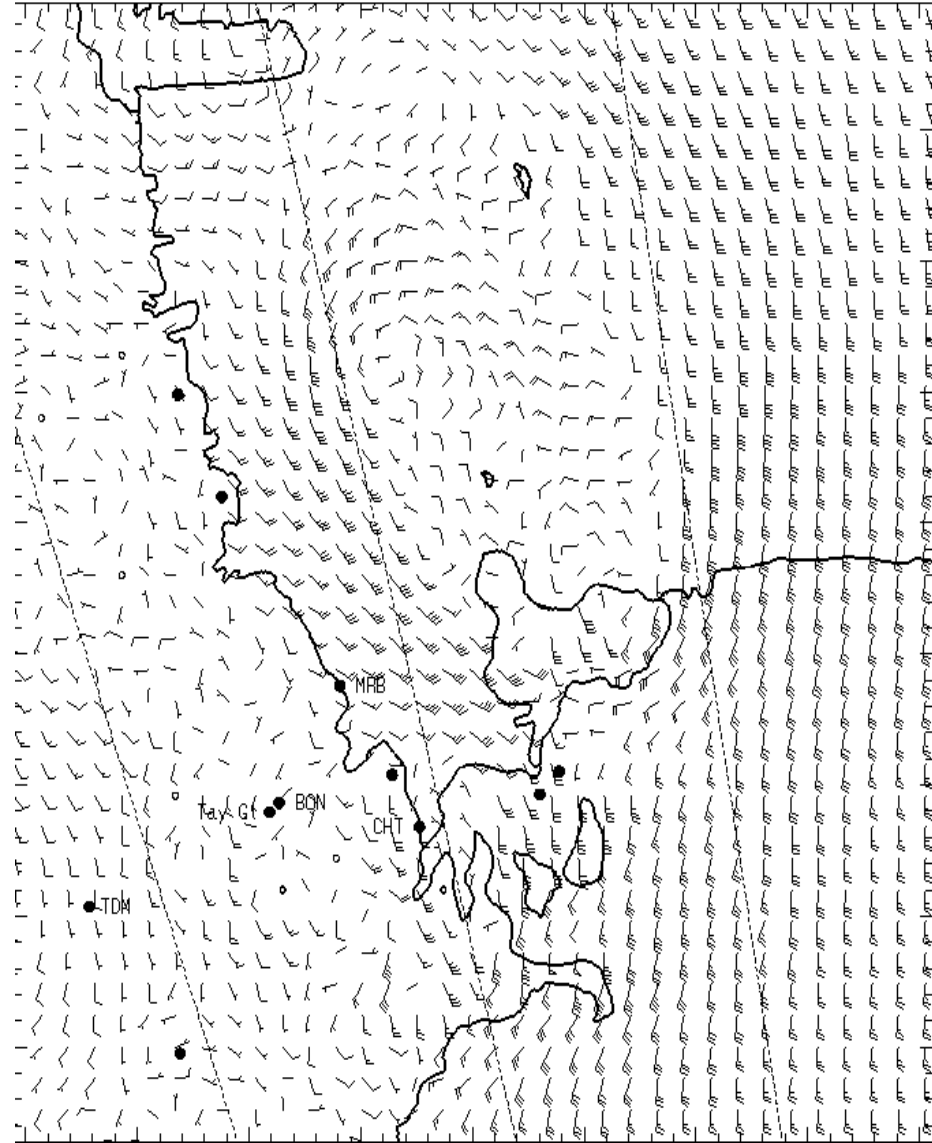


1300L

# 1,000 ft AGL

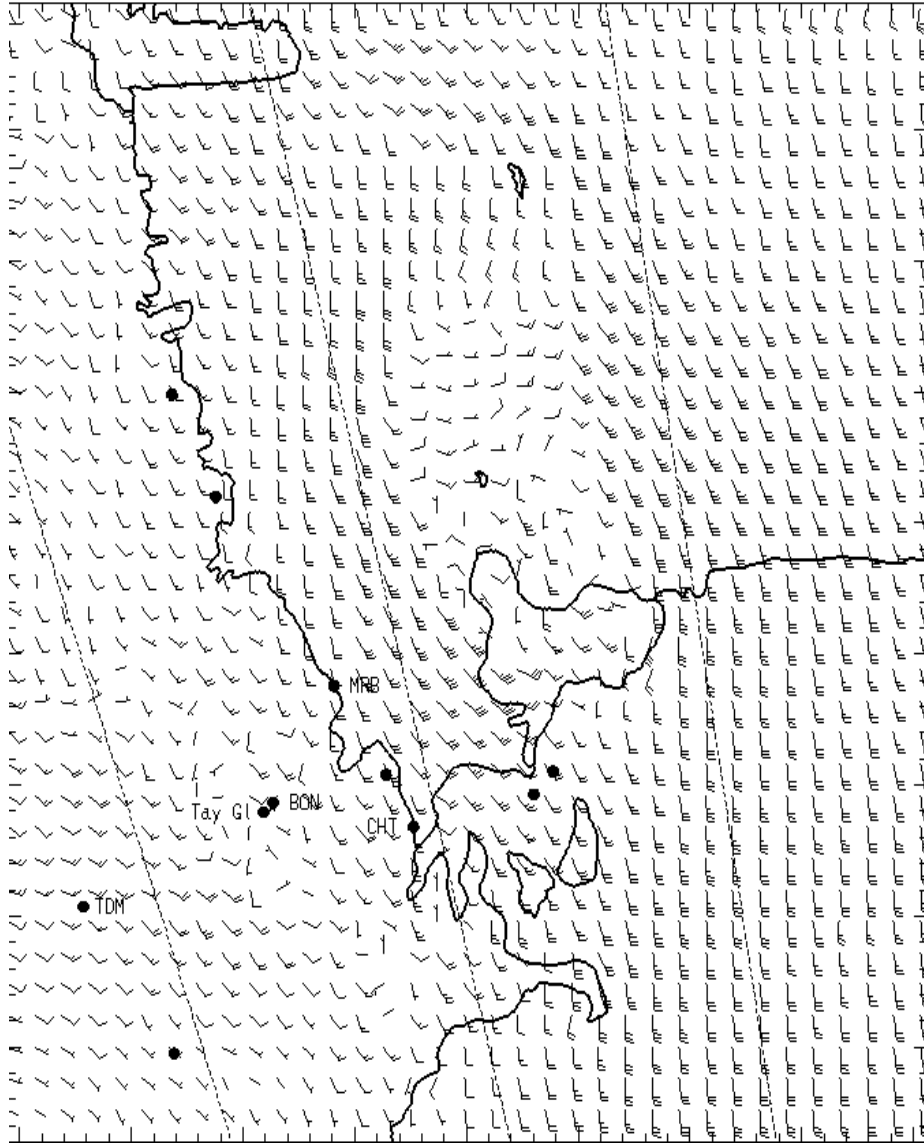


0700L

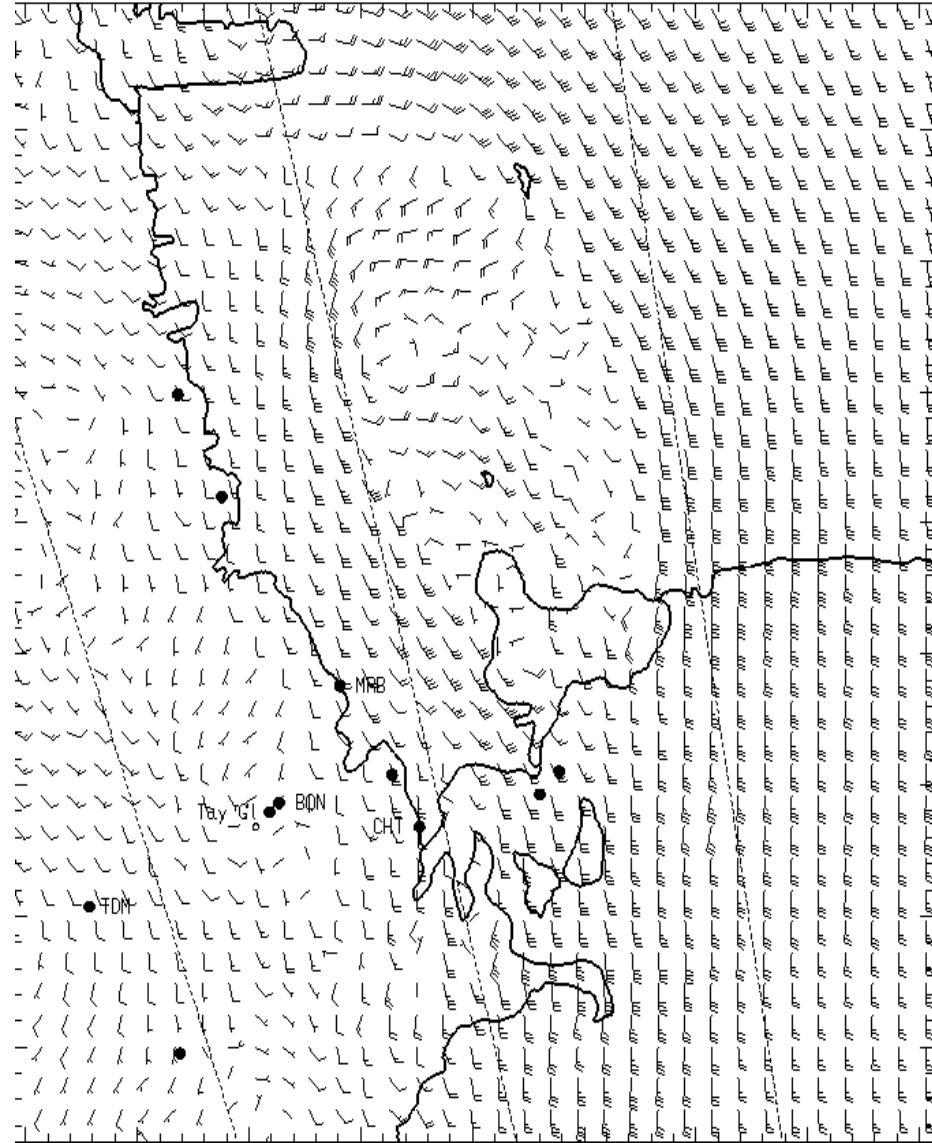


1300L

# 3,000 ft AGL

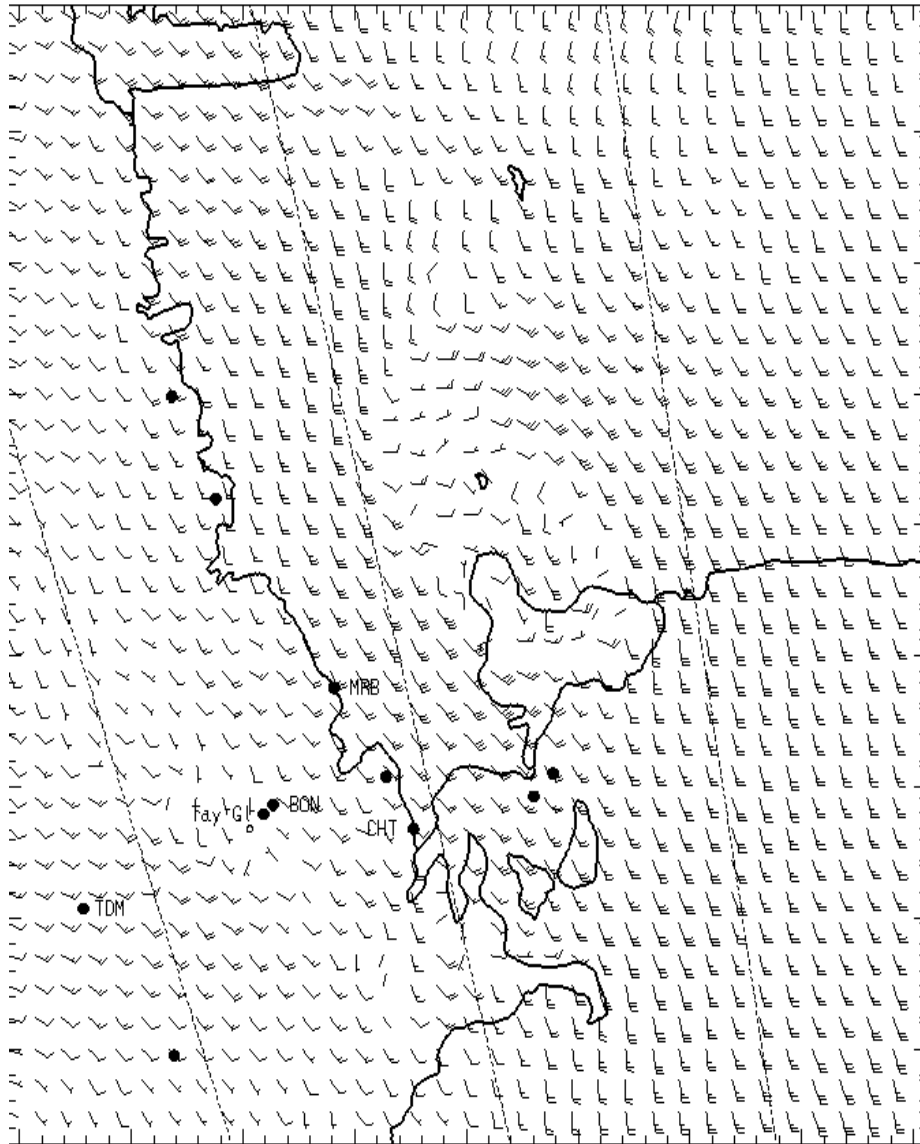


0700L

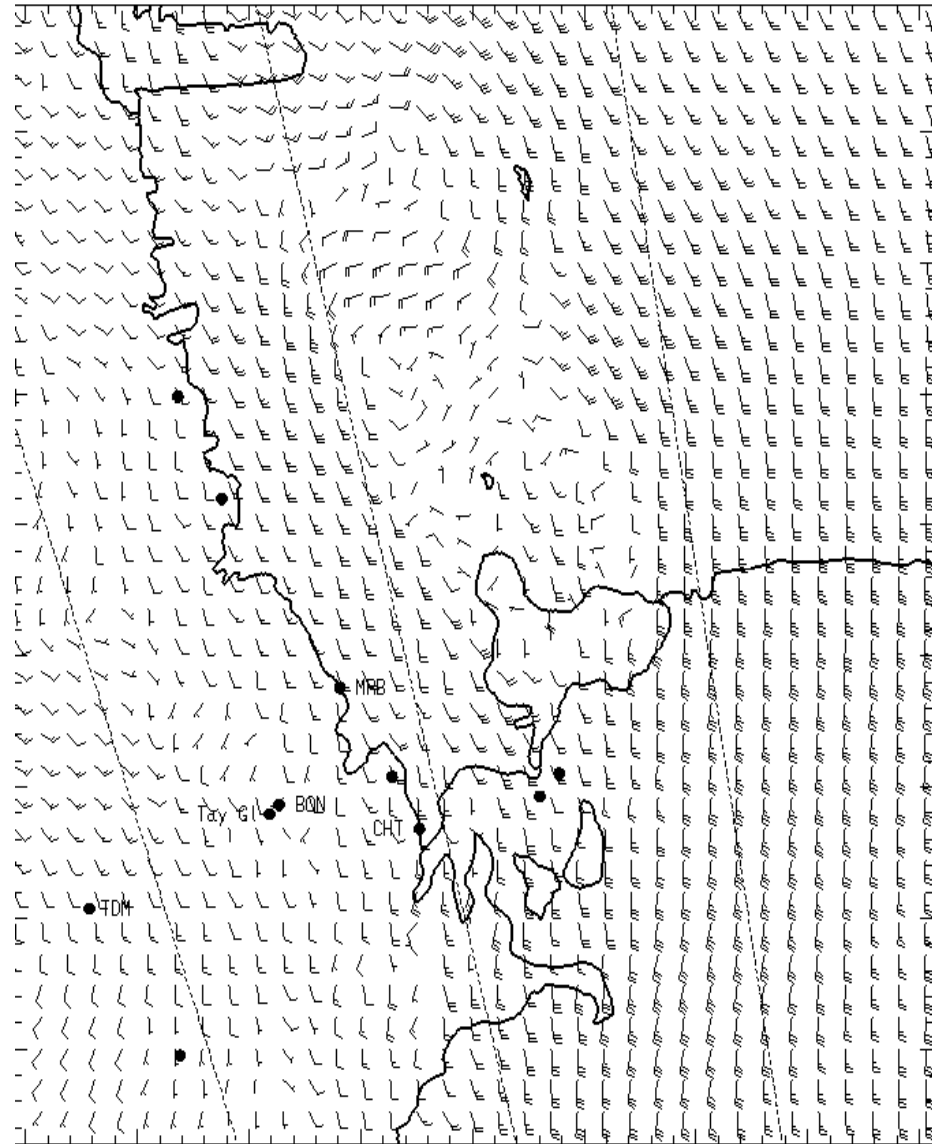


1300L

# 5,000 ft AGL



0700L



1300L