



# HELO Weather

**McMurdo Weather**  
Email: mcm.weather.forecaster@usap.gov  
Iridium: 00 8816 7632 0030  
Duty Forecaster: x42524  
Briefing Counter: x43353

Date (L): Saturday, 3 December 2022

Brief Time (L): 0615

Briefing Number: 12-03

FCSTR: John Meyer / Alan Stratton

## REGIONAL SUMMARY

NW winds aloft associated with a ridge approaching the region are pushing low clouds into McMurdo Sound and the Windless Bight and eastern Ross Island locations. A strong low is developing behind this ridge, moving into the west-central Ross Sea this afternoon. Winds will turn southerly and increase mid-afternoon with periods of -SN BLSN developing late in the day. With recent warm temps and little fresh snowfall, visibilities will vary significantly over the region and may be mostly DRSN. Strongest winds are expected across the Herbie Alley-FX- Hut Peninsula area and Eastern Ross Island/Cape Crozier areas.

## HAZARDS

Light to moderate rime icing in low-level clouds.  
Light to moderate turbulence at many exposed locations.

## LATEST MCMURDO OBSERVATION

METAR ZCMA 021559Z AUTO 19003KT 9999 OVC019 M05/M09 A2917 RMK AO2 SLP881 GRID36003KT=

## RUNWAY TAFS

TAF NZFX 021455Z 0215/0315 (0304/0404NZDT) VRB06KT 9999 BKN015 BKN050 QNH2910INS  
BECMG 0301/0303 (0314/0316) 17012G22KT 9999 DRSN SCT020 BKN080 BKN150 QNH2902INS GRID34012G22KT

TAF NZWD 021455Z 0215/0315 (0304/0404NZDT) VRB06KT 9999 BKN015 OVC050 QNH2911INS  
BECMG 0223/0301 (0312/0314) 10015G25KT 9999 DRSN SCT020 BKN080 QNH2900INS GRID27015G25KT

## MCMURDO HELIPAD FORECAST (VALID TIME: 03/0600L – 03/1800L)

**SFC WIND (TRUE):** VRB06KT BECMG 08015G25KT AFT 12L  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (AGL):** BKN015 BKN050 BECMG SCT020 BKN080 AFT 14L  
**MIN ALSTG:** 2909INS  
**HAZARDS:** NIL BECMG LGT TURBC SFC-030 AFT 12L

## SITE & AREA FORECASTS (VALID TIME: 03/0600L – 03/1800L)

### FERRELL AWS

**SFC WIND (TRUE):** 13012KT BECMG 15022G30KT AFT 11L  
**SFC VISIBILITY (SM):** UNRES BECMG 3 – 5 BR BLSN AFT 11L  
**SKY CONDITION (AGL):** BKN020 BECMG BKN005 AFT 14L  
**MIN ALSTG:** 2889INS  
**HAZARDS:** LGT RIME ICG 020-050 BECMG MDT RIME ICG 005-050 AFT 14L / NIL BECMG LGT OCNL MDT TURB SFC-030 AFT 11L

**WHITE ISLAND**

**SFC WIND (TRUE):** VRB06KT  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (AGL):** BKN020 BKN050  
**MIN ALSTG:** 2901INS  
**HAZARDS:** NIL

**MARBLE POINT**

**SFC WIND (TRUE):** VRB06KT BECMG 15012G22KT AFT 12L  
**SFC VISIBILITY (SM):** UNRES TEMPO  
**SKY CONDITION (AGL):** SCT015 BKN050 BKN070  
**MIN ALSTG:** 2909INS  
**HAZARDS:** NIL BECMG LGT TURBC SFC-030 AFT 12L

**LAKE BONNEY**

**SFC WIND (TRUE):** 05008KT  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (AGL):** BKN080  
**MIN ALSTG:** 2905INS  
**HAZARDS:** NIL

**LAKE HOARE**

**SFC WIND (TRUE):** 07008KT  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (AGL):** BKN080  
**MIN ALSTG:** 2906INS  
**HAZARDS:** NIL

**LAKE FRYXELL**

**SFC WIND (TRUE):** 08008KT  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (AGL):** BKN080  
**MIN ALSTG:** 2911INS  
**HAZARDS:** NIL

**EAST LOBE LAKE BONNEY**

**SFC WIND (TRUE):** 05008KT  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (AGL):** BKN080  
**MIN ALSTG:** 2905INS  
**HAZARDS:** NIL

**F6**

**SFC WIND (TRUE):** 05008KT  
**SFC VISIBILITY (SM):** UNRES  
**SKY CONDITION (AGL):** BKN080  
**MIN ALSTG:** 2911INS  
**HAZARDS:** NIL

**OAMARU**

**SFC WIND (TRUE):** VRB06KT BECMG 17025G35KT AFT 14L

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** BKN025

**MIN ALSTG:** 2873INS

**HAZARDS:** NIL BECMG LGT OCNL MDT TURBC AFT 14L

**CAPE CROZIER**

**SFC WIND (TRUE):** 17012KT BECMG 19020G30KT AFT 12L

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** BKN005 BKN050

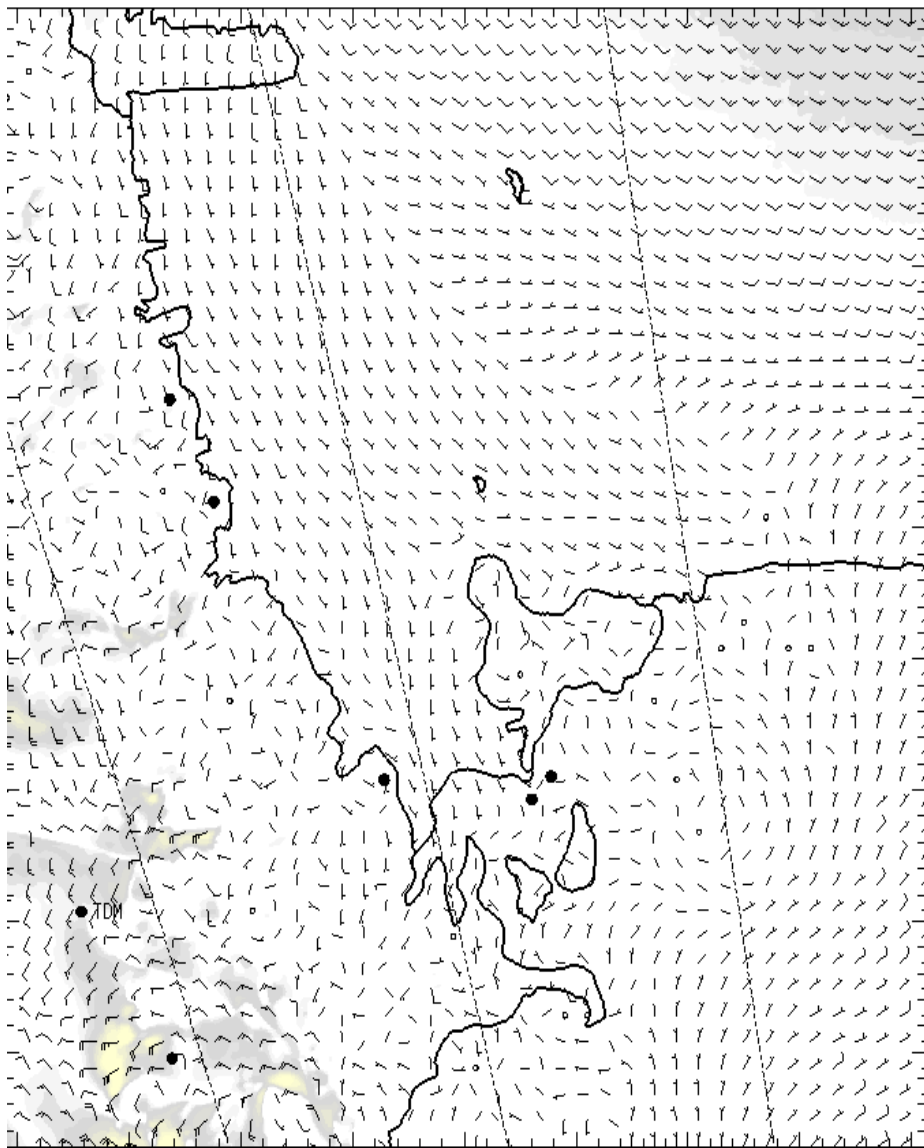
**MIN ALSTG:** 2907INS

**HAZARDS:** LGT OCNL MDT RIME ICING 005-030 // NIL BECMG LGT OCNL MDT TURBC SFC-040 AFT 12L

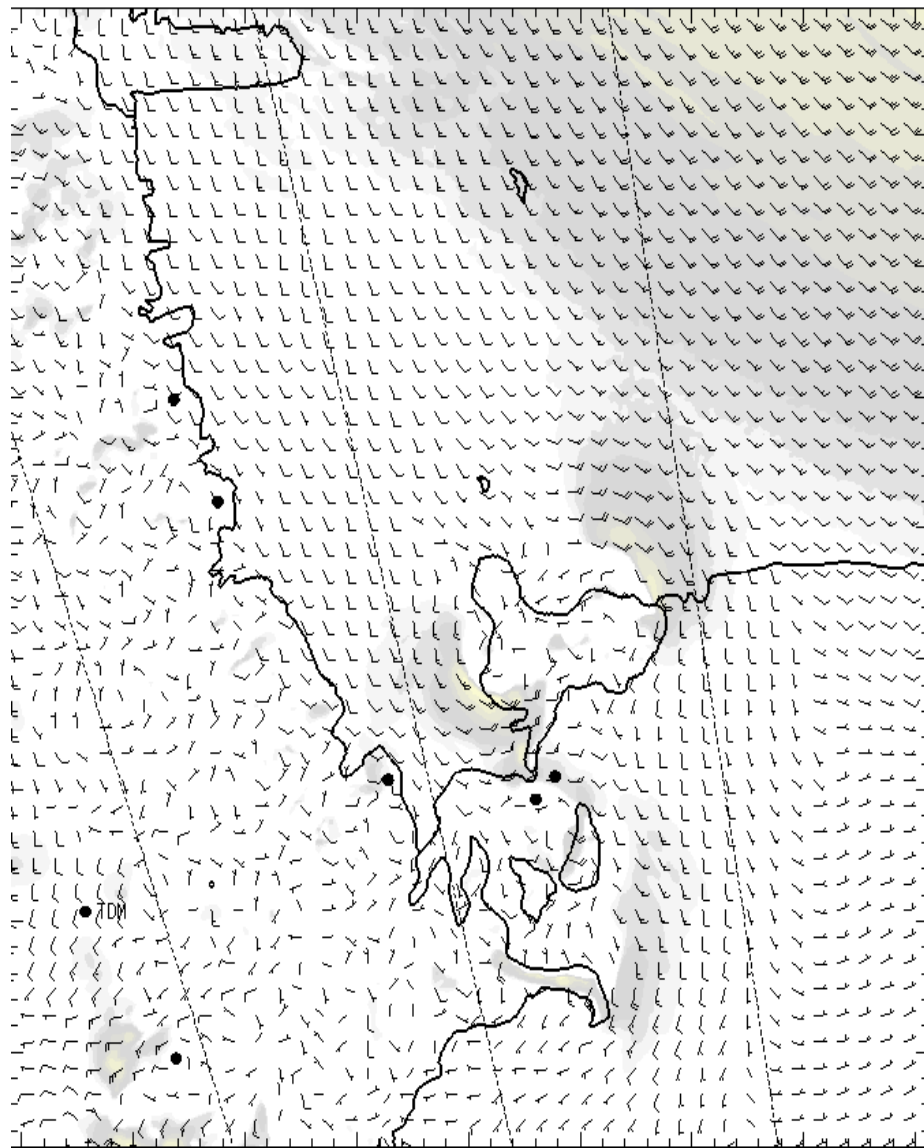
**NIGHT AREA OUTLOOKS (VALID TIME: 03/1800L – 04/0600L)**

NIL

# SFC

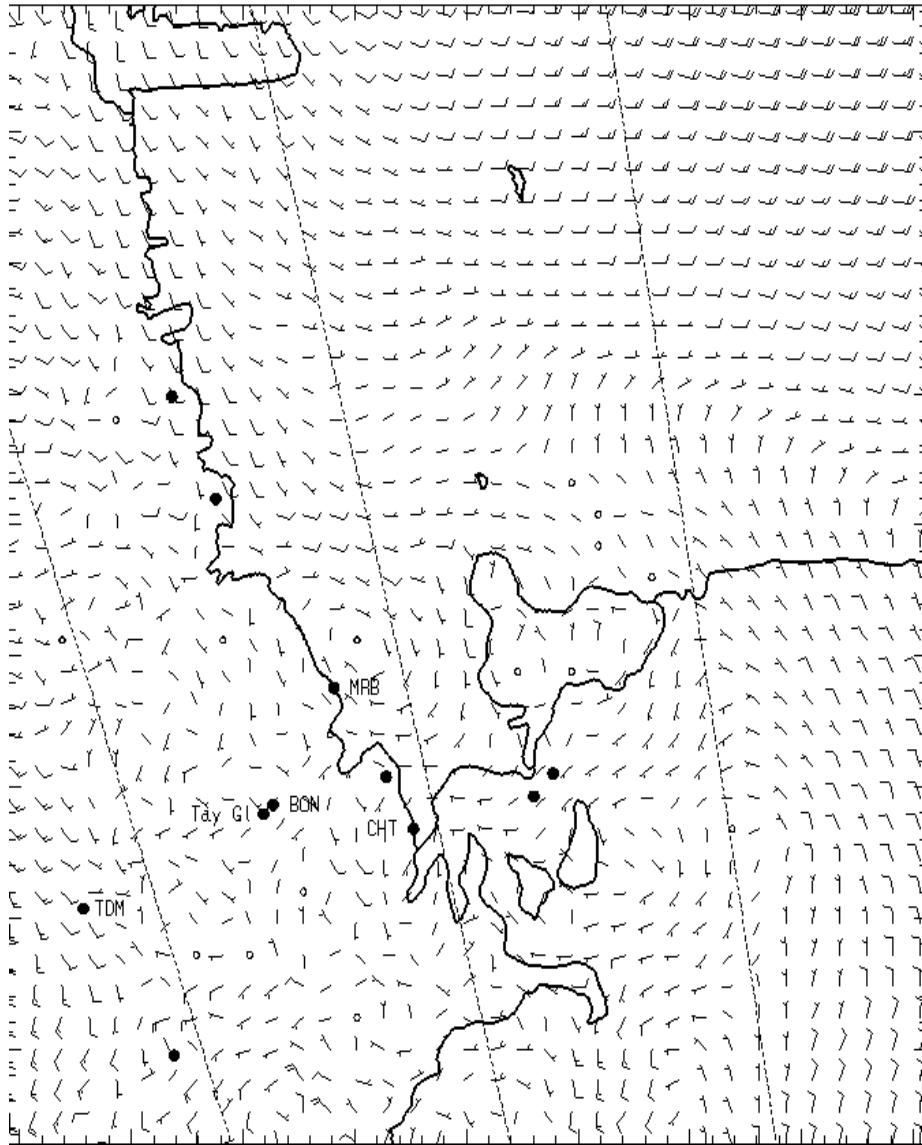


0700L

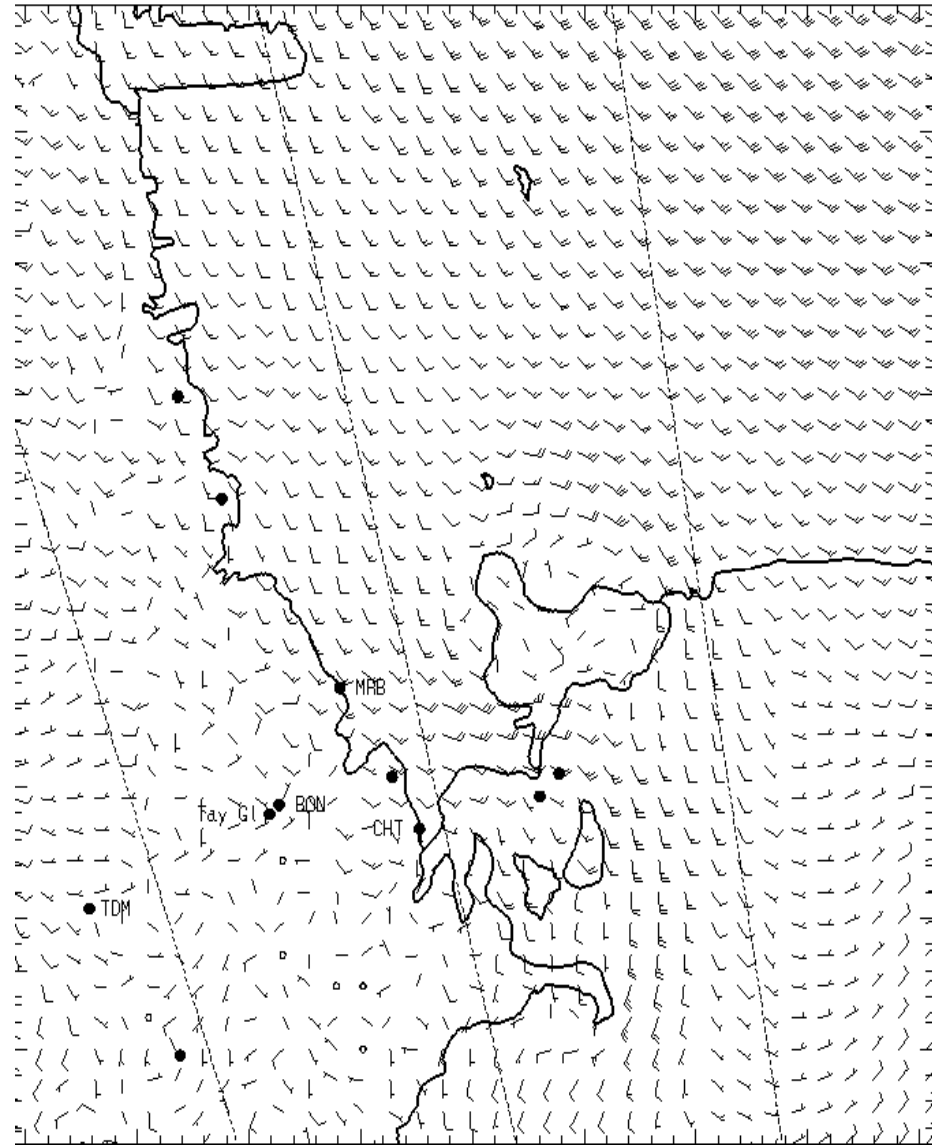


1300L

# 1,000 ft AGL

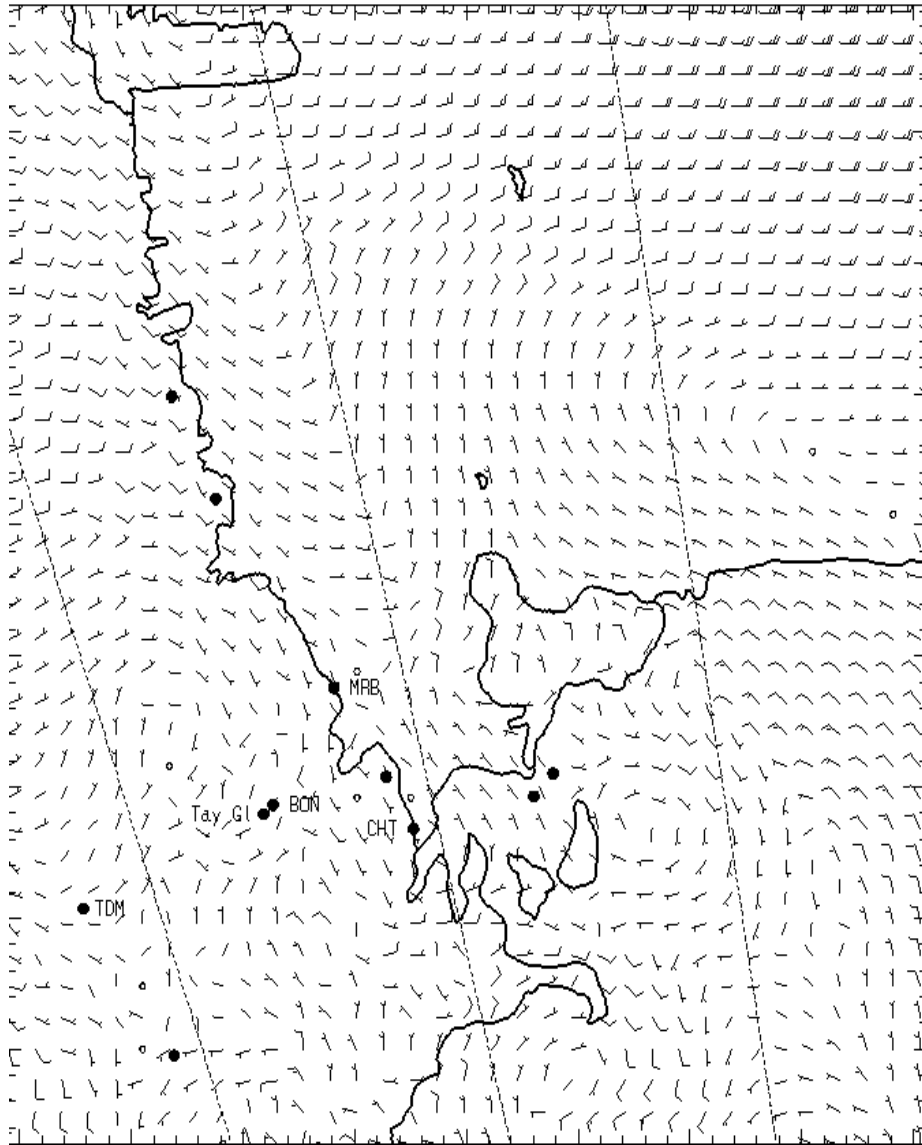


0700L

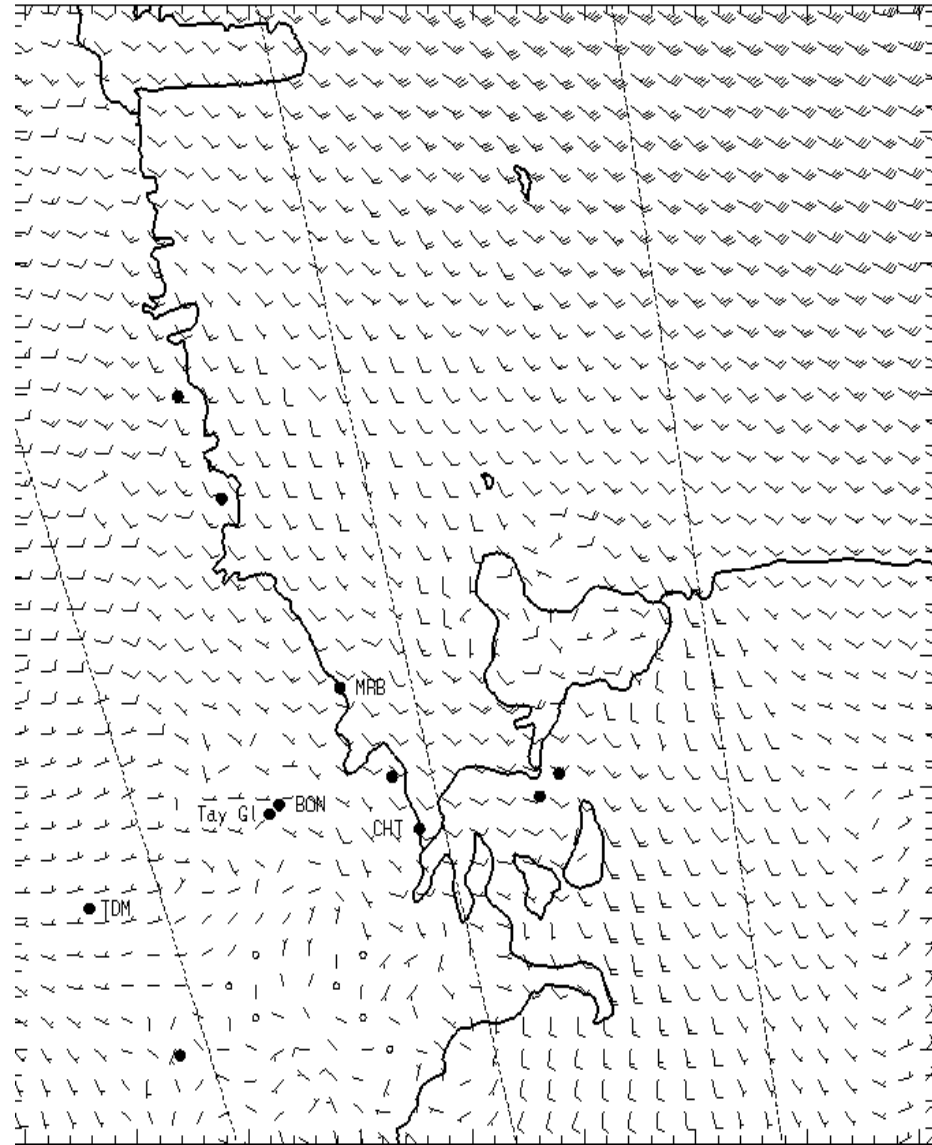


1300L

# 3,000 ft AGL

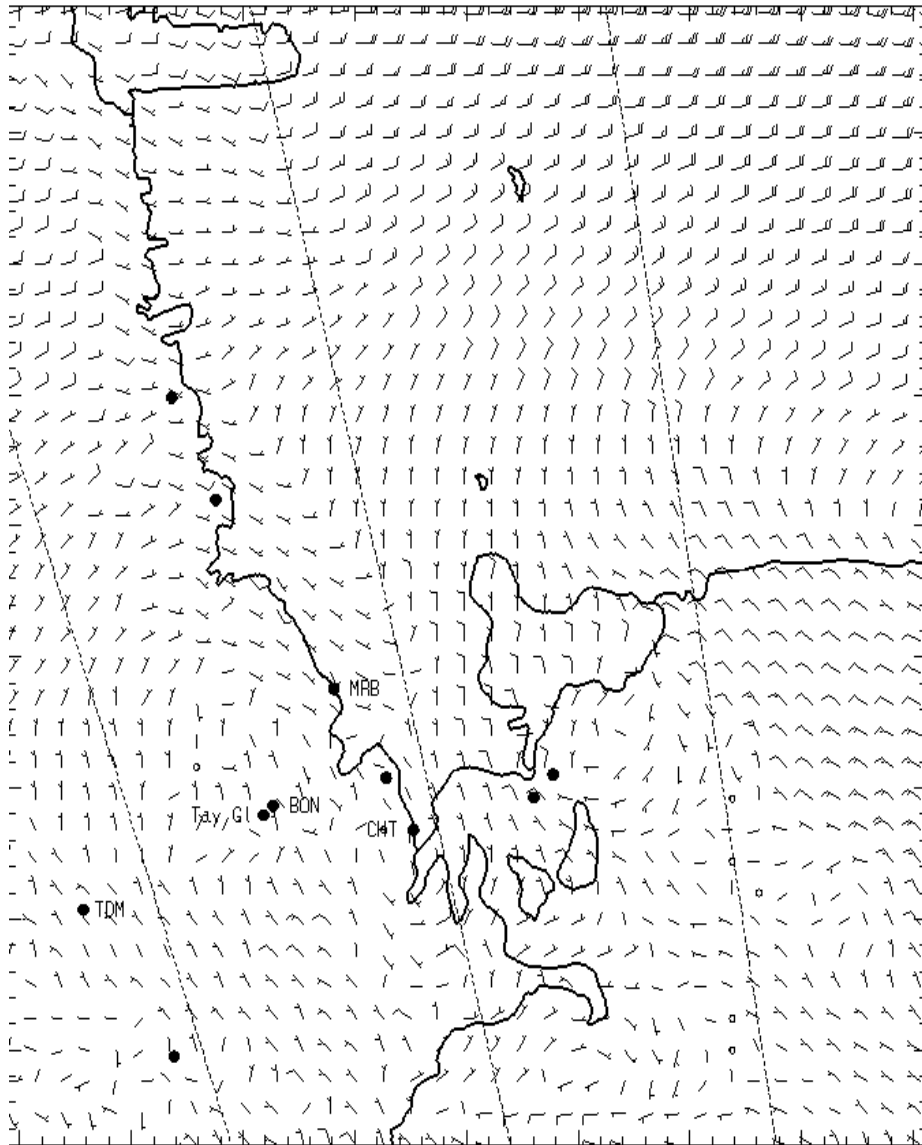


0700L

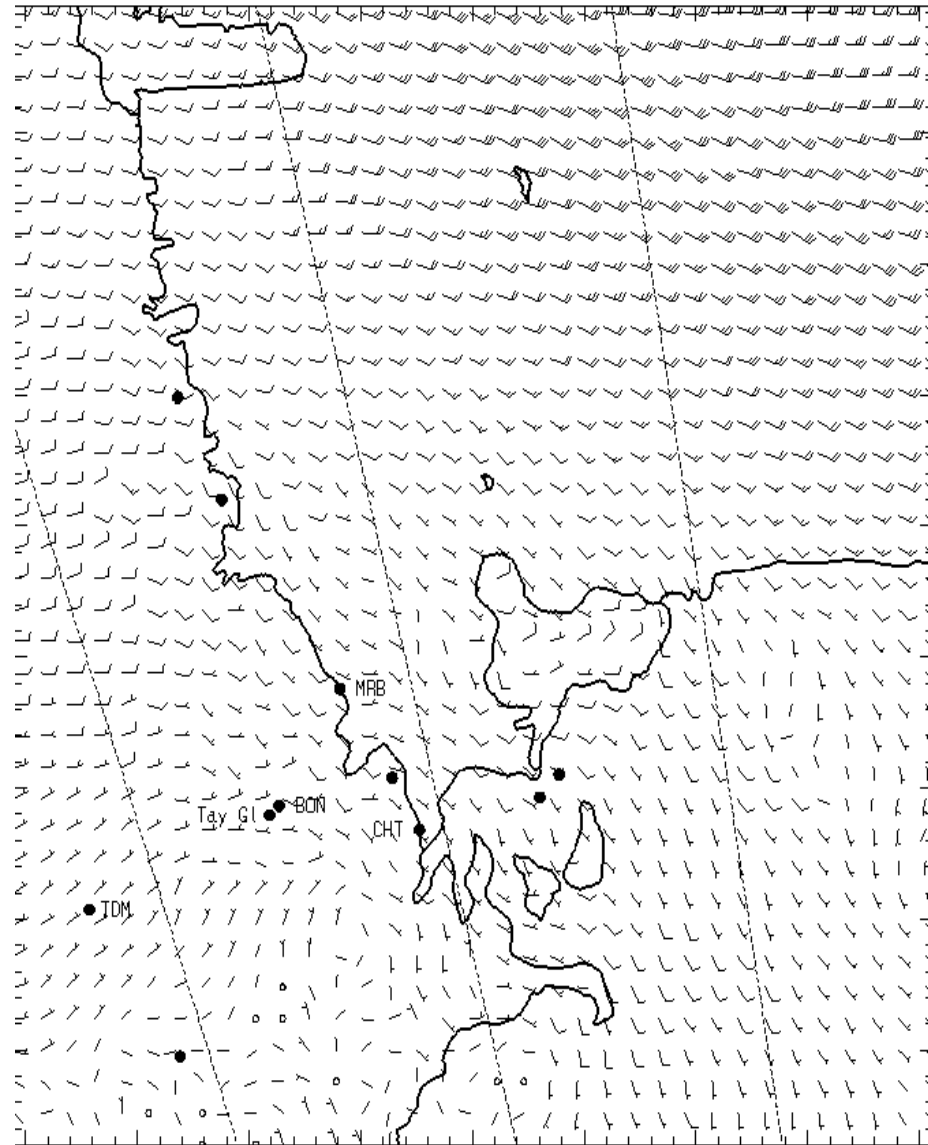


1300L

# 5,000 ft AGL



0700L



1300L