



# Helo Weather

Charleston ROF

Email: [weather.chs@usap.gov](mailto:weather.chs@usap.gov)

Iridium: 011 8816 7631 5168

VOIP: x32664

Charleston ROF: 843-218-3927

Date (L): Friday 17 November 2023

Brief Time (L): 0615

Briefing Number: 11-021

FCSTR: Alan Stratton

## REGIONAL SUMMARY

High pressure will produce fair weather over the Ross Island and Dry Valley region today. The high interacts with low pressure over the central Ross Sea, to produce a band of stronger off ice shelf winds to the East of the region towards the date line.

## HAZARDS

NIL in the Ross Island and Dry Valleys.

A plume of strong southerly winds just above the surface east of a line from White Island-Cape Crozier, May produce OCNL LT TURBC 005-020, (WINDS TRUE 18020-30KT AT FL010), for the evening flight to the RIS locations.

## LATEST MCMURDO OBSERVATION

METAR NZCM 161555Z AUTO 0000KT 9999 SKC M09/M14 A2932 RMK AO2 SLP933 T10951143=

## RUNWAY TAFS

TAF NZFX 161457Z 1615/1715 (1704/1804NZDT) VRB06KT 9999 BKN200 QNH2927INS

TEMPO 1620/1623 (1709/1712) 3200 BR

BECMG 1621/1623 (1710/1712) 05010KT 9999 FEW020 SCT200 QNH2911INS WND VRB06 AFT 1703 GRID22010KT

TAF NZWD 161457Z 1615/1715 (1704/1804NZDT) VRB06KT 9999 BKN200 QNH2927INS

TEMPO 1620/1624 (1709/1713) 04012KT 3200 BR GRID21012KT

BECMG 1623/1701 (1712/1714) 04012KT 9999 FEW020 SCT200 QNH2910INS WIND VRB06 AFT1703 GRID21012KT

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

**SFC WIND (TRUE):** VRB05KT. BECMG 04012G18KT AFT 10L

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** BKN200. BECMG FEW020 SCT200 AFT 11L

**MIN ALSTG:** 29.15INS

**HAZARDS:** NIL

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

**CAPE EVANS**

**SFC WIND (TRUE):** 12007KT

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** FEW020 BKN200

**MIN ALSTG:** 29.17INS

**HAZARDS:** NIL

**CAPE ROYDS**

**SFC WIND (TRUE):** 17008KT

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** FEW020 BKN200

**MIN ALSTG:** 29.17INS

**HAZARDS:** NIL

**SCOTT BASE**

**SFC WIND (TRUE):** VRB05KT. BECMG 04012KT AFT 10L

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** BKN200. BECMG FEW020 SCT200 AFT 11L

**MIN ALSTG:** 29.15INS

**HAZARDS:** NIL

**MARBLE POINT**

**SFC WIND (TRUE):** VRB05KT

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** FEW020 FEW100 BKN200

**MIN ALSTG:** 29.40INS

**HAZARDS:** NIL

**LAKE FRYXELL**

**SFC WIND (TRUE):** VRB05KT

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** FEW100 BKN200

**MIN ALSTG:** 29.30INS

**HAZARDS:** NIL

**LAKE HOARE AREA**

**SFC WIND (TRUE):** 07007KT

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** FEW020 FEW100 BKN200

**MIN ALSTG:** 29.20INS

**HAZARDS:** NIL

**OAMARU PEAK**

**SFC WIND (TRUE):** VRB05KT

**SFC VISIBILITY (SM):** UNRES. TEMPO 2-4 BR

**SKY CONDITION (AGL):** FEW020 FEW100 BKN200

**MIN ALSTG:** 29.20INS

**HAZARDS:** NIL

**CONZ**

**SFC WIND (TRUE):** 19007KT

**SFC VISIBILITY (SM):** UNRES. TEMPO -SN

**SKY CONDITION (AGL):** FEW100 BKN200

**MIN ALSTG:** 28.40INS

**HAZARDS:** NIL

**NIGHT SITE & AREA FORECASTS (VALID TIME: 17/1800L – 18/0600L)**

**MCMURDO HELIPAD**

**SFC WIND (TRUE):** 04010G17KT. BECMG 33010KT AFT 22L

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** BECMG FEW020 SCT200 AFT 11L

**MIN ALSTG:** 29.15INS

**HAZARDS:** NIL

**ROSS ICE SHELF REGION Area 1 (-77.78, 170.08)**

**SFC WIND (TRUE):** 19009KT

**SFC VISIBILITY (SM):** UNRES. 2-4 BR AFT13L

**SKY CONDITION (AGL):** FEW020 SCT200

**MIN ALSTG:** 29.08INS

**HAZARDS:** OCNL LT TURBC 005-020

**ROSS ICE SHELF REGION Area 2 (-77.74, 176.13)**

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

**SFC VISIBILITY (SM):** UNRES VCNTY FG. TEMPO 2-4 BR

**SKY CONDITION (AGL):** FEW020 SCT200

**MIN ALSTG:** 29.05INS

**HAZARDS:** OCNL LT TURBC 005-020

**BLACK ISLAND**

**SFC WIND (TRUE):** VRB06KT

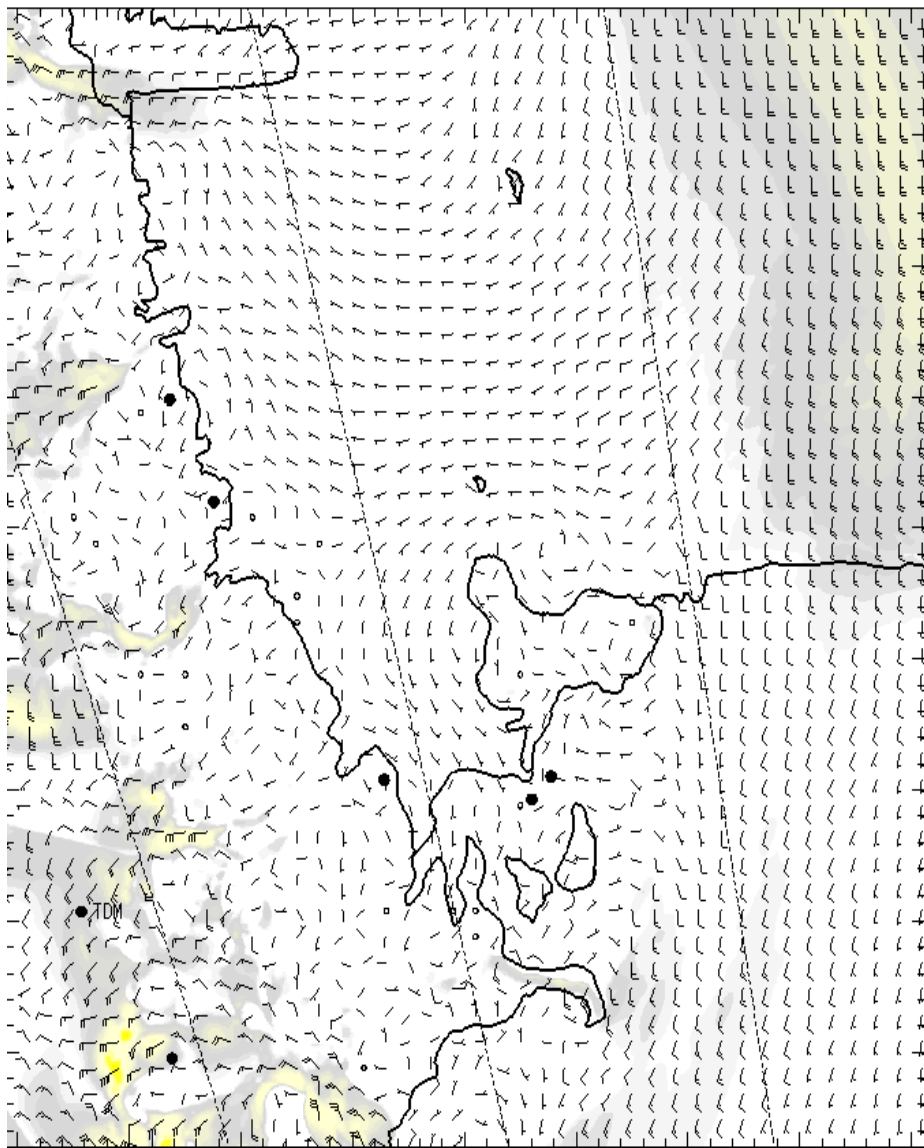
**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** FEW020 BKN200

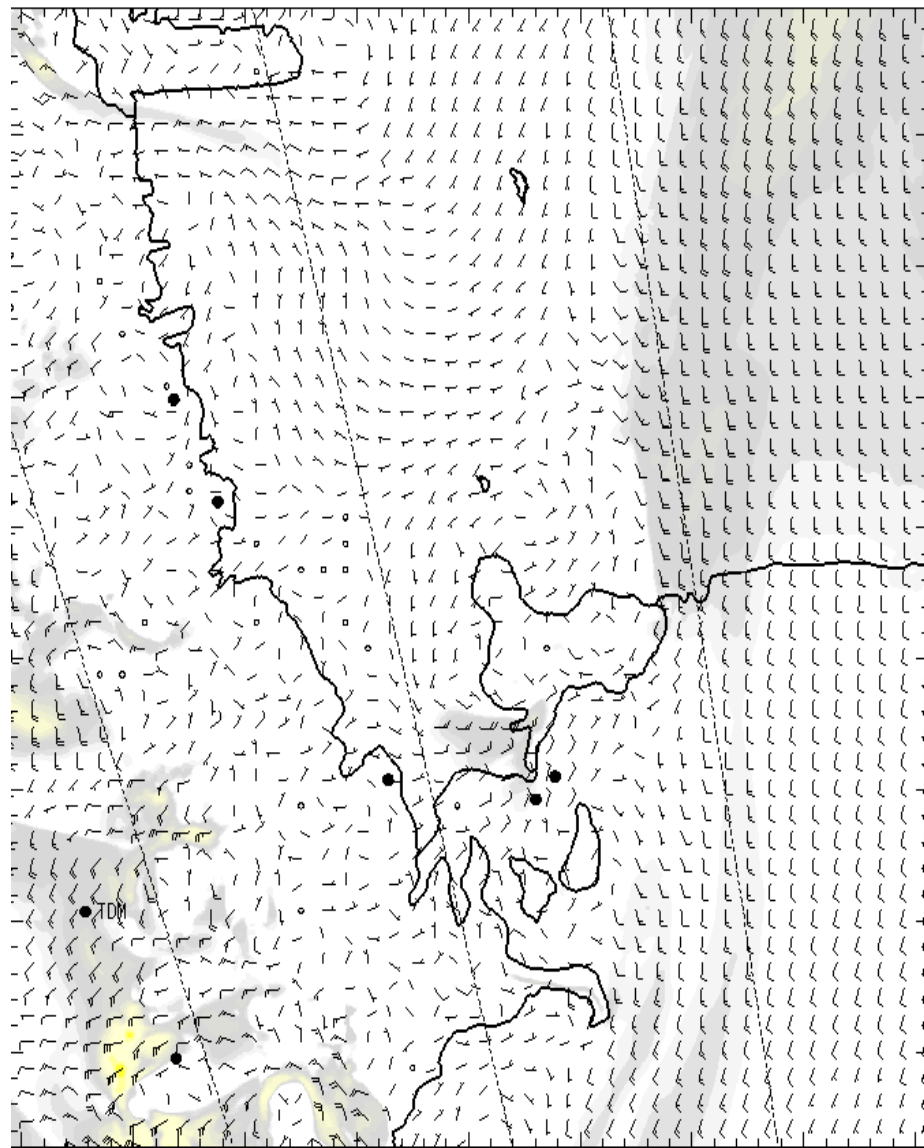
**MIN ALSTG:** 29.05INS

**HAZARDS:** NIL

# SFC

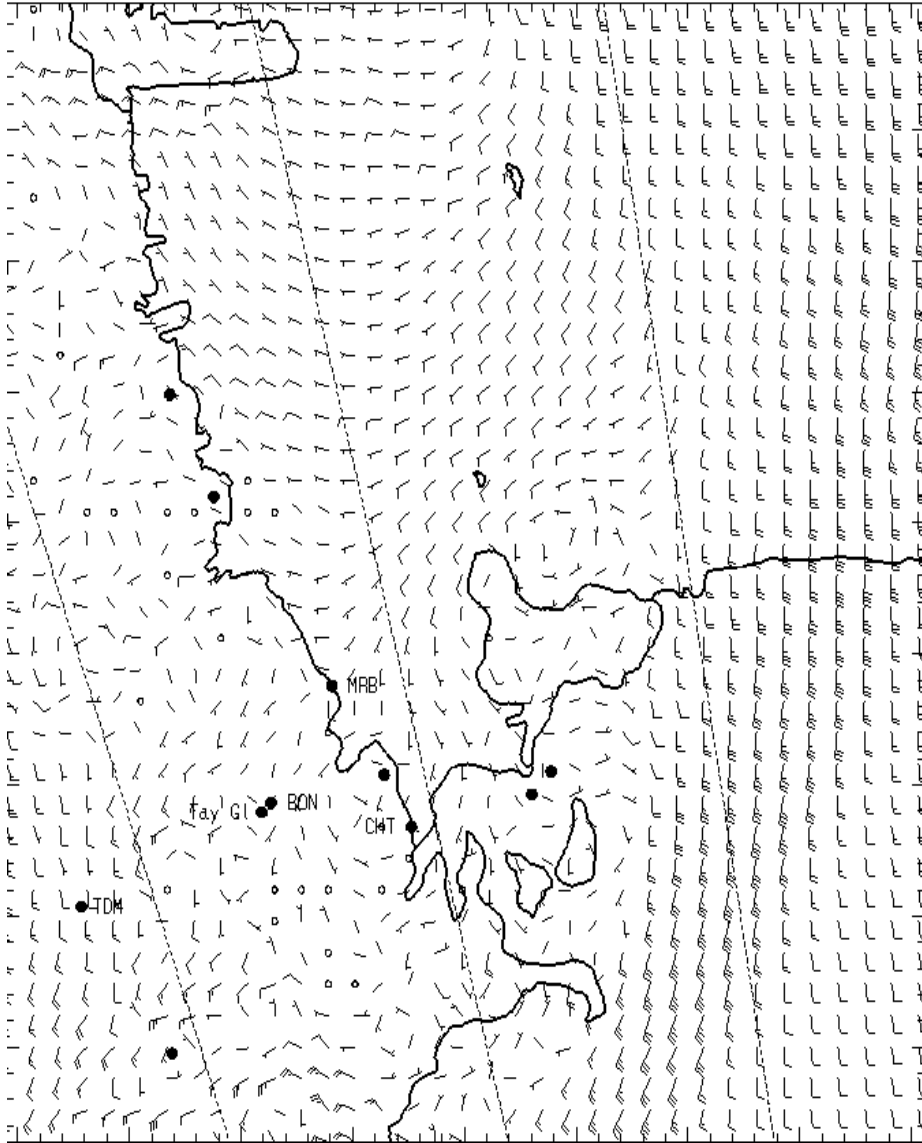


0700L

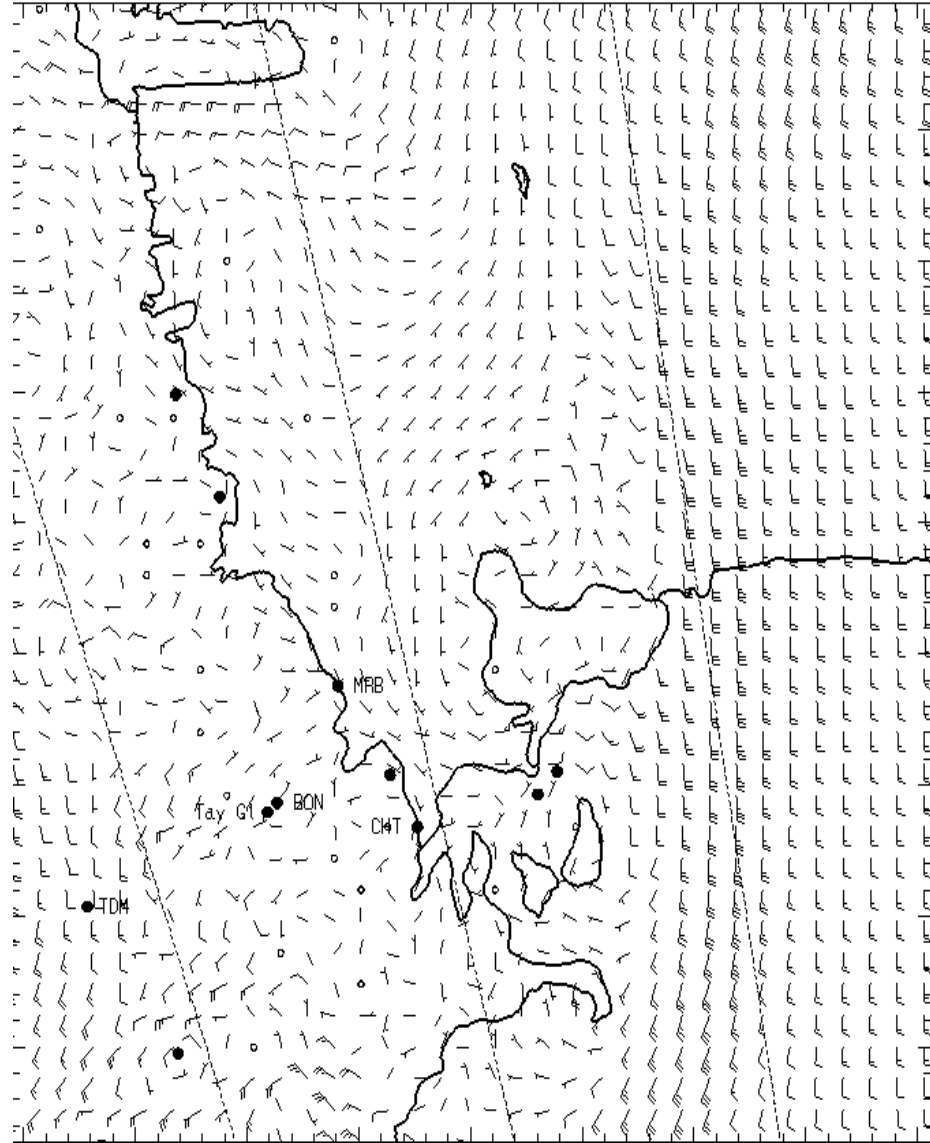


1300L

# 1,000 ft AGL

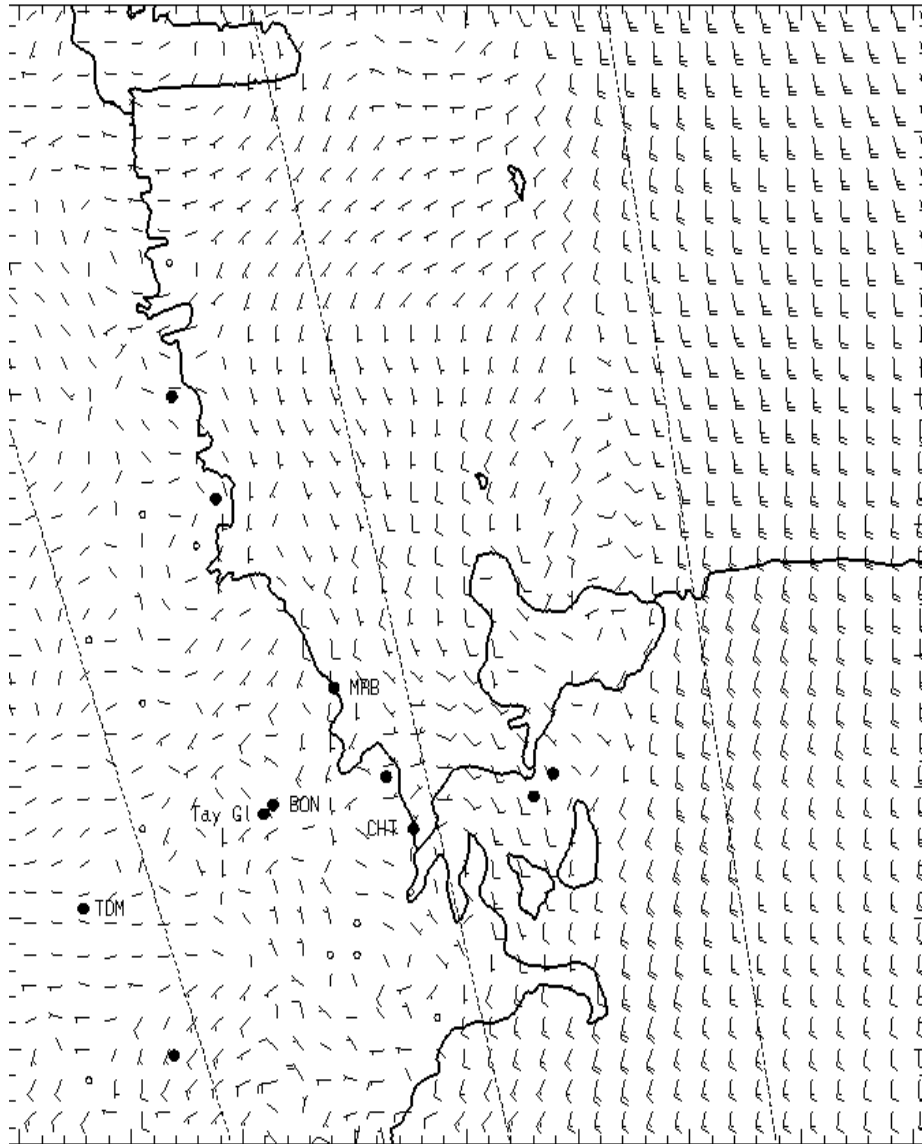


0700L

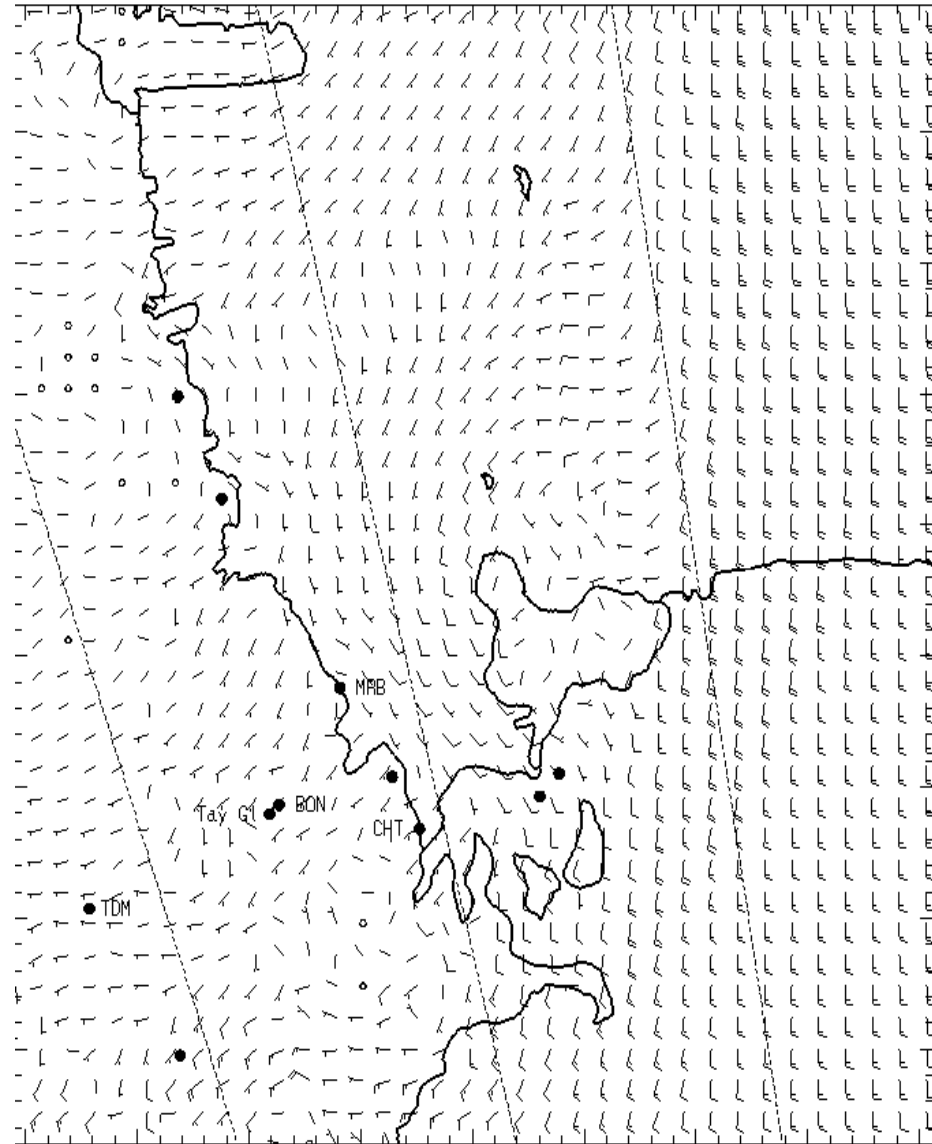


1300L

# 3,000 ft AGL

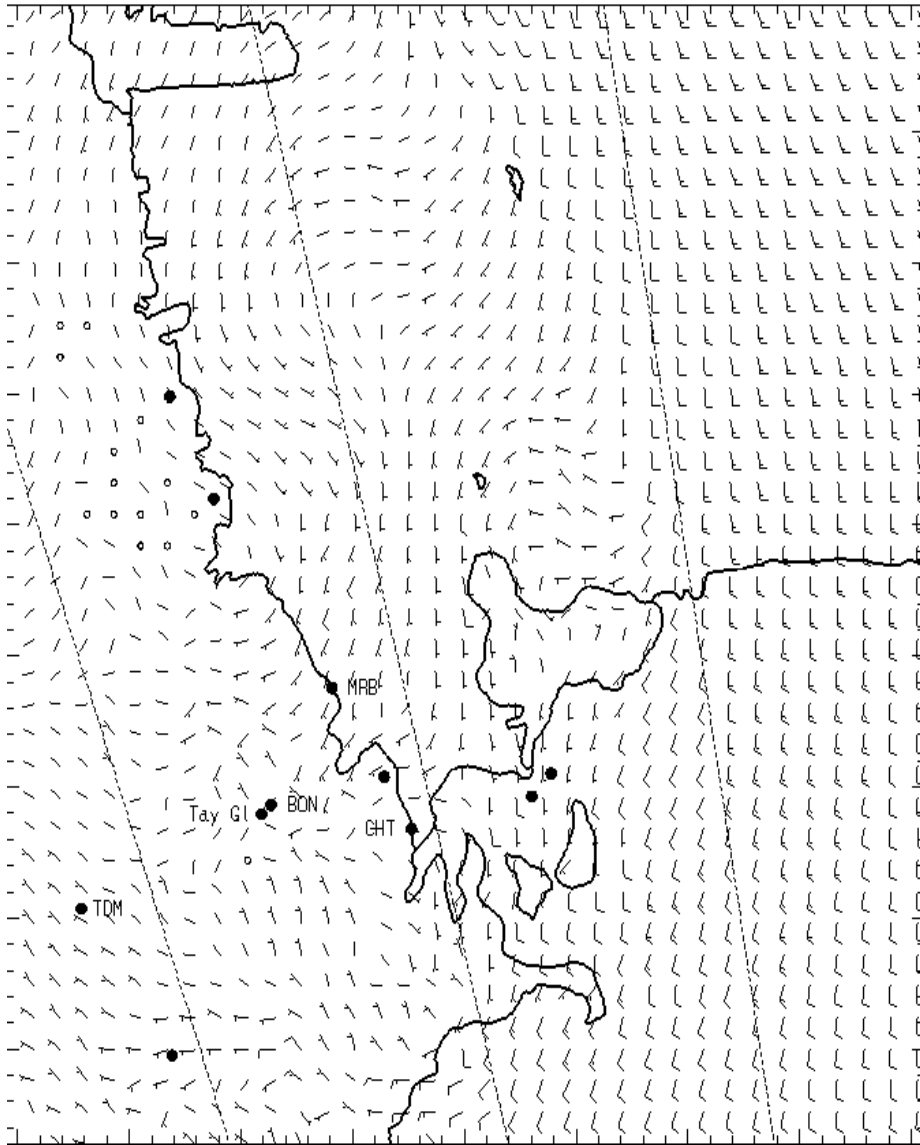


0700L

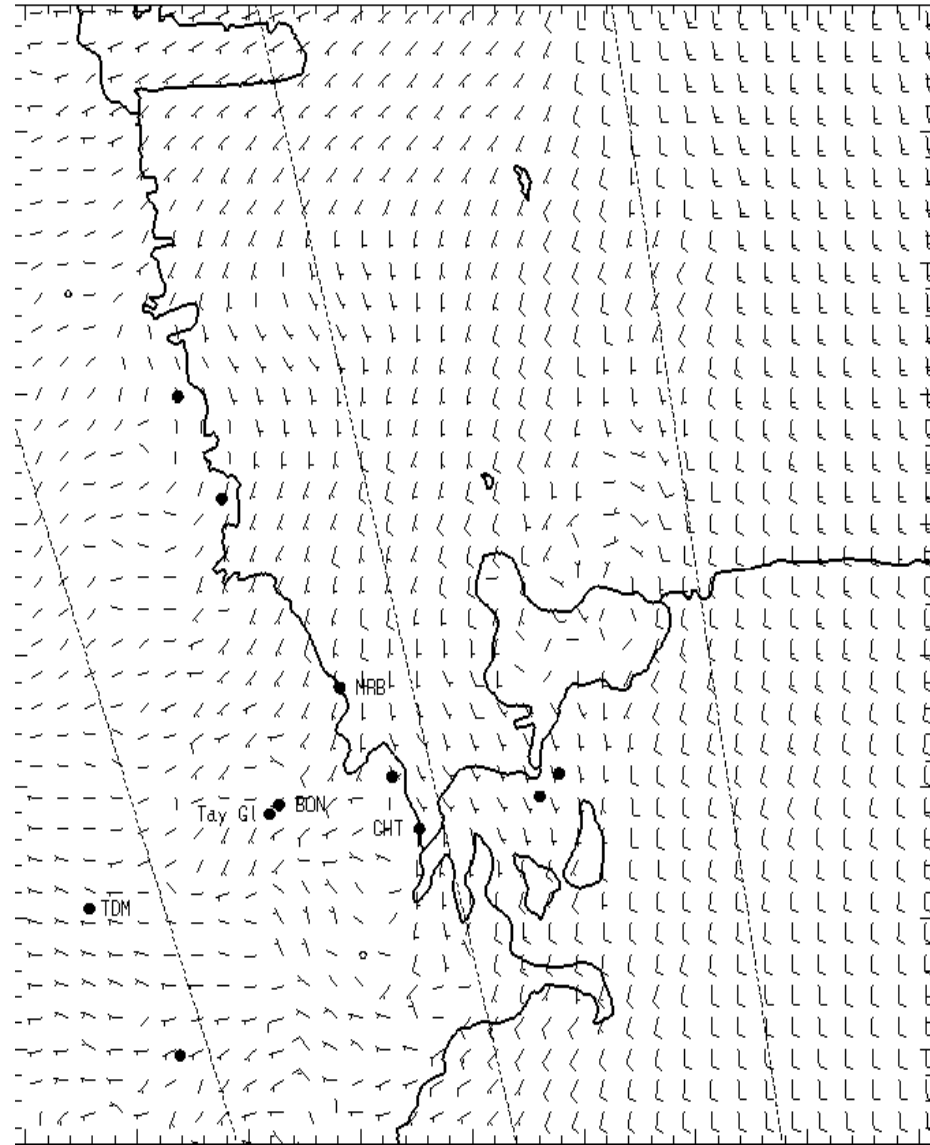


1300L

# 5,000 ft AGL



0700L



1300L