



# Helo Weather

Charleston ROF  
Email: weather.chs@usap.gov  
Iridium: 011 8816 7631 5168  
Phone: x32664/x42524

Date (L): Sat 12 February 2022

Brief Time (L): 0600

Briefing Number: 02-015

FCSTR: Paul Gulli

## REGIONAL SUMMARY

Stable air under high pressure combined with moist flow near the surface is causing a low stratus layer/fog bank this morning over the ice areas. The stratus and fog are expected to burn off and move back up McMurdo Sound by late morning as temperatures warm and dry northeasterly air returns, leaving us with a fantastic last flying day of the season!

## HAZARDS

Trace Rime Icing potential exists over the ice and up McMurdo Sound to begin the day, within the fog and stratus. Conditions improve by midday. Increased wind flow aloft from the south this afternoon will cause potential for Light Turbulence over Black Island.

## LATEST MCMURDO OBSERVATION

METAR NZCM 111555Z AUTO VRB03KT 9999 SKC M03/M08 A2903 RMK AO2 SLP833 T10271085 \$=

## RUNWAY TAFS

TAF NZFX 111457Z 1115/1215 (1204/1304NZDT) 05007KT 4800 BR SCT006 QNH2899INS GRID22007KT  
TEMPO 1115/1121 (1204/1210) 0800 FZFG BKN004  
BECMG 1120/1122 (1209/1211) VRB06KT 9999 NSW FEW030 QNH2899INS

TAF NZWD 111457Z 1115/1215 (1204/1304NZDT) 05005KT 9999 FEW006 QNH2904INS GRID22005KT  
BECMG 1115/1117 (1204/1206) 05005KT 4800 BR SCT004 QNH2900INS GRID22005KT  
TEMPO 1117/1121 (1206/1210) 0800 FZFG BKN004  
BECMG 1120/1122 (1209/1211) VRB05KT 9999 NSW SKC QNH2899INS

## MCMURDO HELIPAD FORECAST (VALID TIME: 12/0600L - 1800L)

**SFC WIND (TRUE):** VRB05KT

**SFC VISIBILITY (SM):** UNRES VCFG, OCNL 3 BR TIL 11L

**SKY CONDITION (AGL):** FEW008

**MIN ALSTG:** 29.00INS

**HAZARDS:** TRACE ICG SFC-010

**SITE & AREA FORECASTS (VALID TIME: 12/0600L - 1800L)**

**MARBLE POINT**

**SFC WIND (TRUE):** VRB05KT

**SFC VISIBILITY (SM):** UNRES VCFG, OCNL 1 BR 10-14L

**SKY CONDITION (AGL):** FEW008

**MIN ALSTG:** 29.00INS

**HAZARDS:** TRACE ICG SFC-010 10-14L

**MT COATES**

**SFC WIND (TRUE):** 18007KT

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** SKC

**MIN ALSTG:** 28.66INS

**HAZARDS:** NIL

**BLACK ISLAND**

**SFC WIND (TRUE):** VRB06KT, BECMG 18015G25KT AFT 14L

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** FEW008

**MIN ALSTG:** 28.98INS

**HAZARDS:** LGT TURBC SFC-040 AFT 14L

**SCOTT BASE**

**SFC WIND (TRUE):** VRB05KT

**SFC VISIBILITY (SM):** UNRES VCFG, OCNL ½ FZFG TIL 11L

**SKY CONDITION (AGL):** FEW008, OCNL BKN008 TIL 11L

**MIN ALSTG:** 28.98INS

**HAZARDS:** TRACE ICG SFC-010 TIL 11L

**CP ROYDS**

**SFC WIND (TRUE):** VRB05KT

**SFC VISIBILITY (SM):** UNRES, OCNL 1 BR 13-17L

**SKY CONDITION (AGL):** FEW008

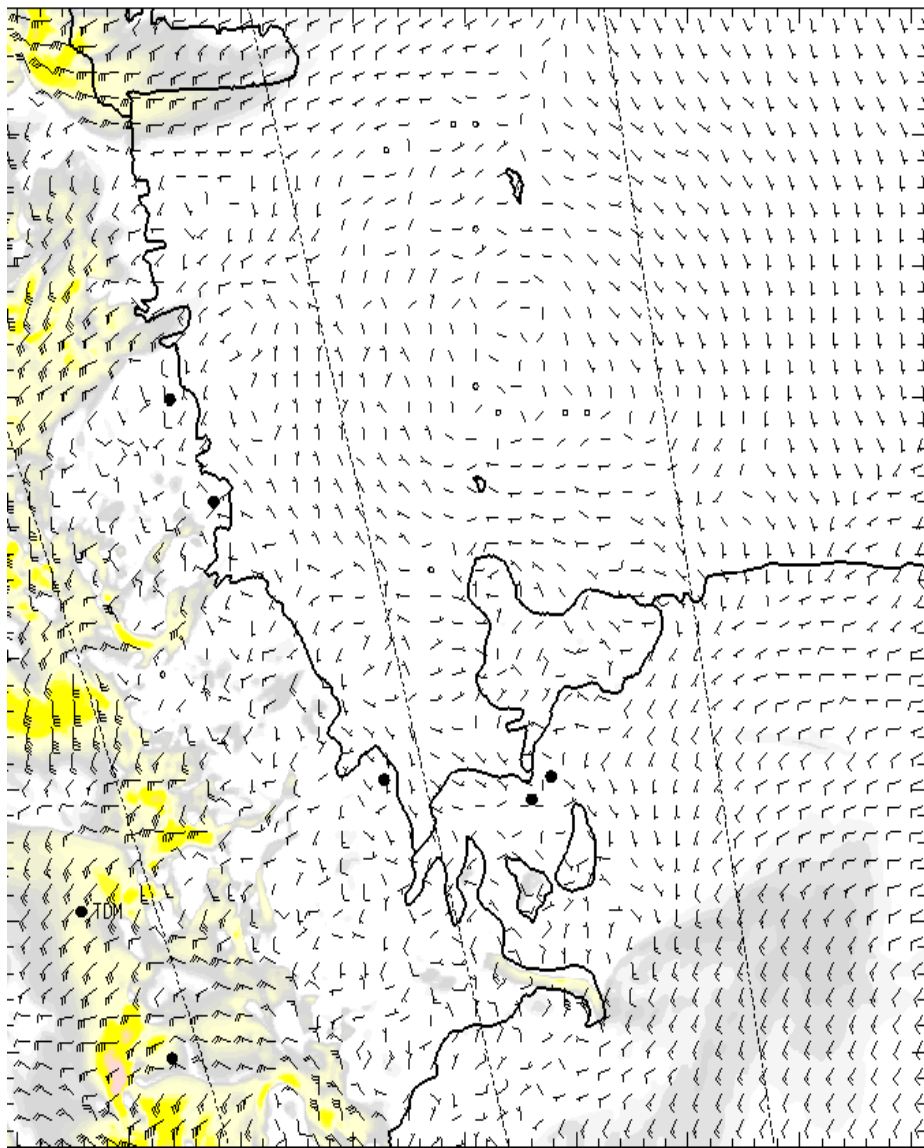
**MIN ALSTG:** 28.97INS

**HAZARDS:** TRACE ICG SFC-010 13-17L

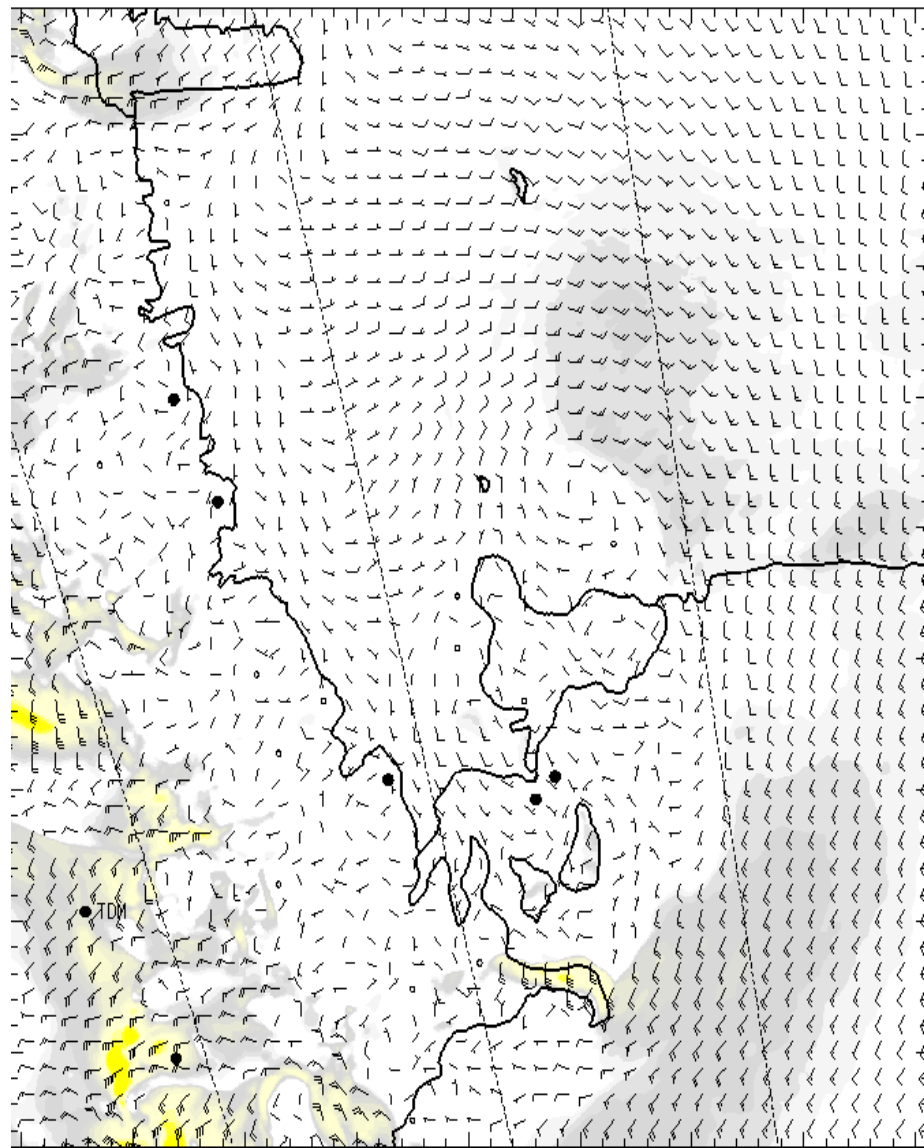
**NIGHT AREA OUTLOOKS (VALID TIME: 12/1800L - 13/0600L):**

**NIL**

# SFC

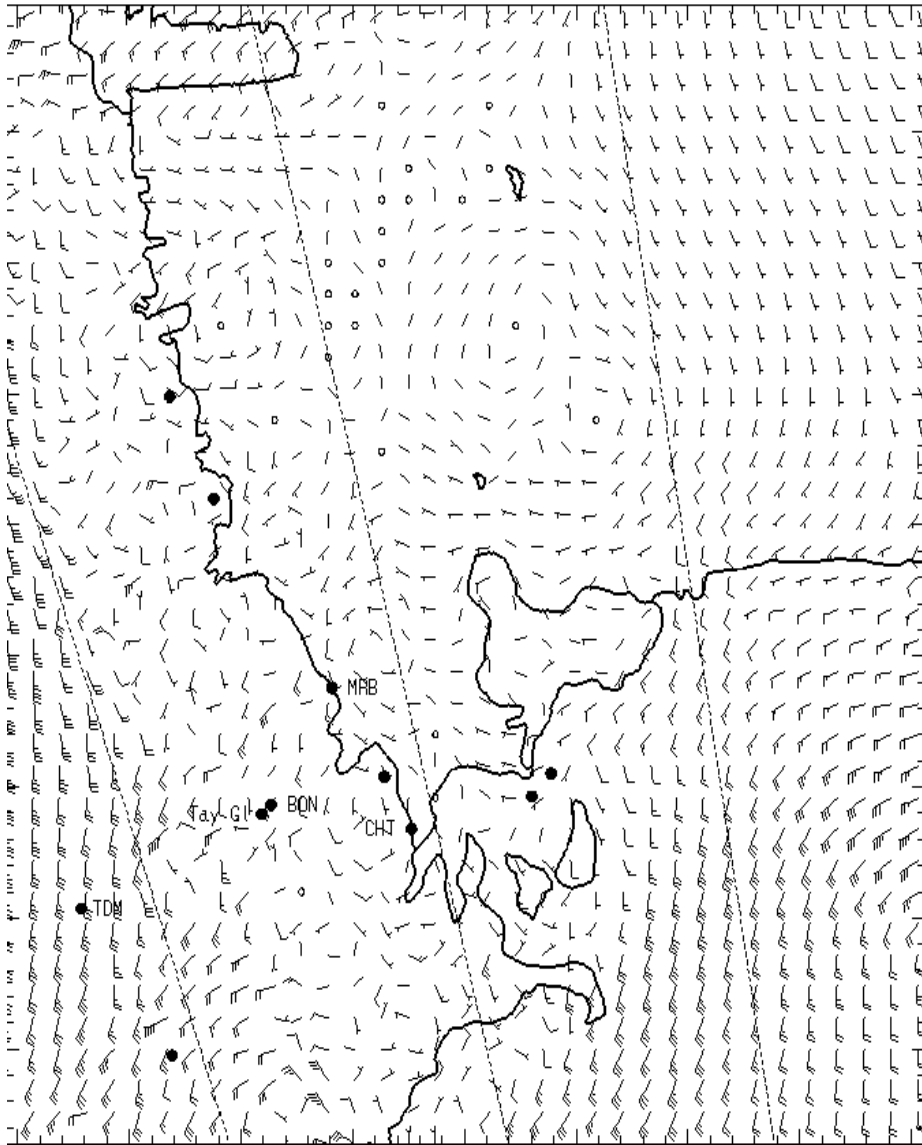


0700L

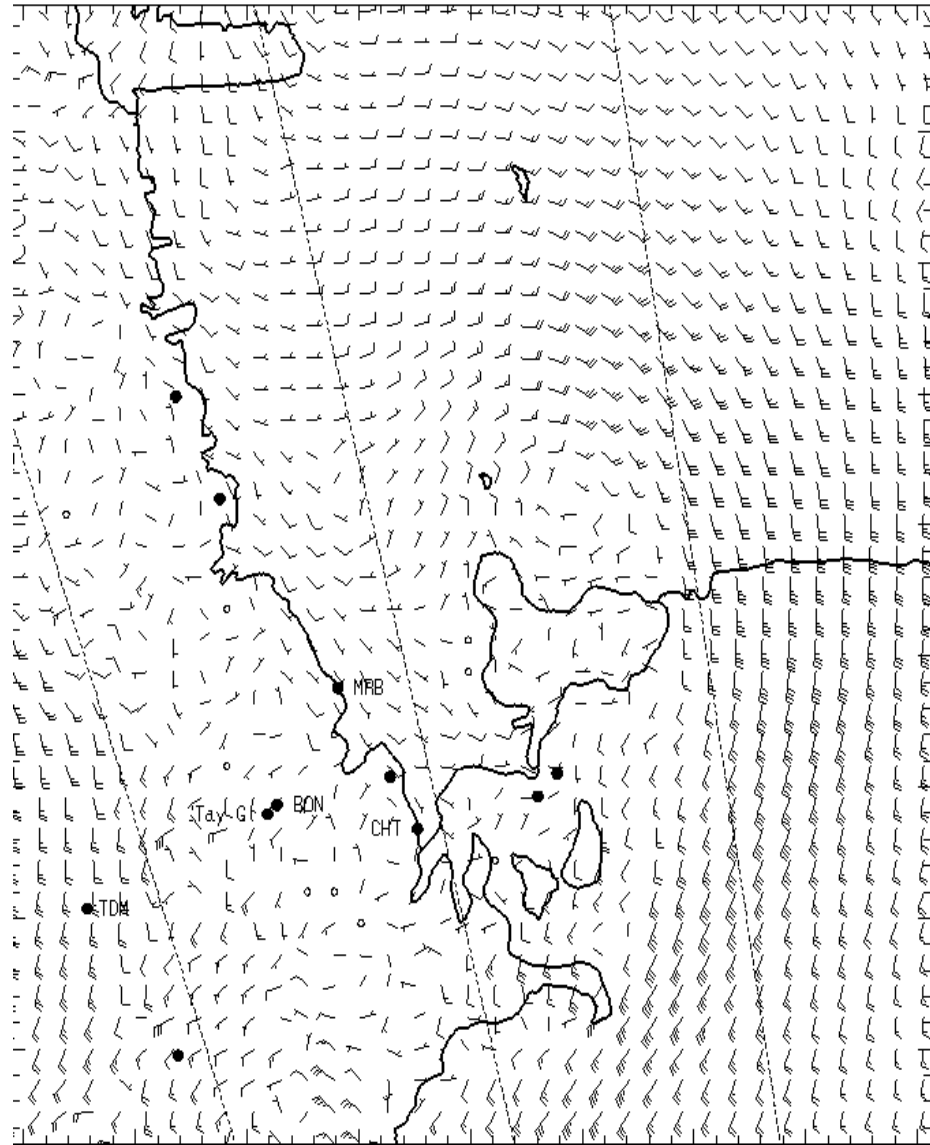


1300L

# 1,000 ft AGL

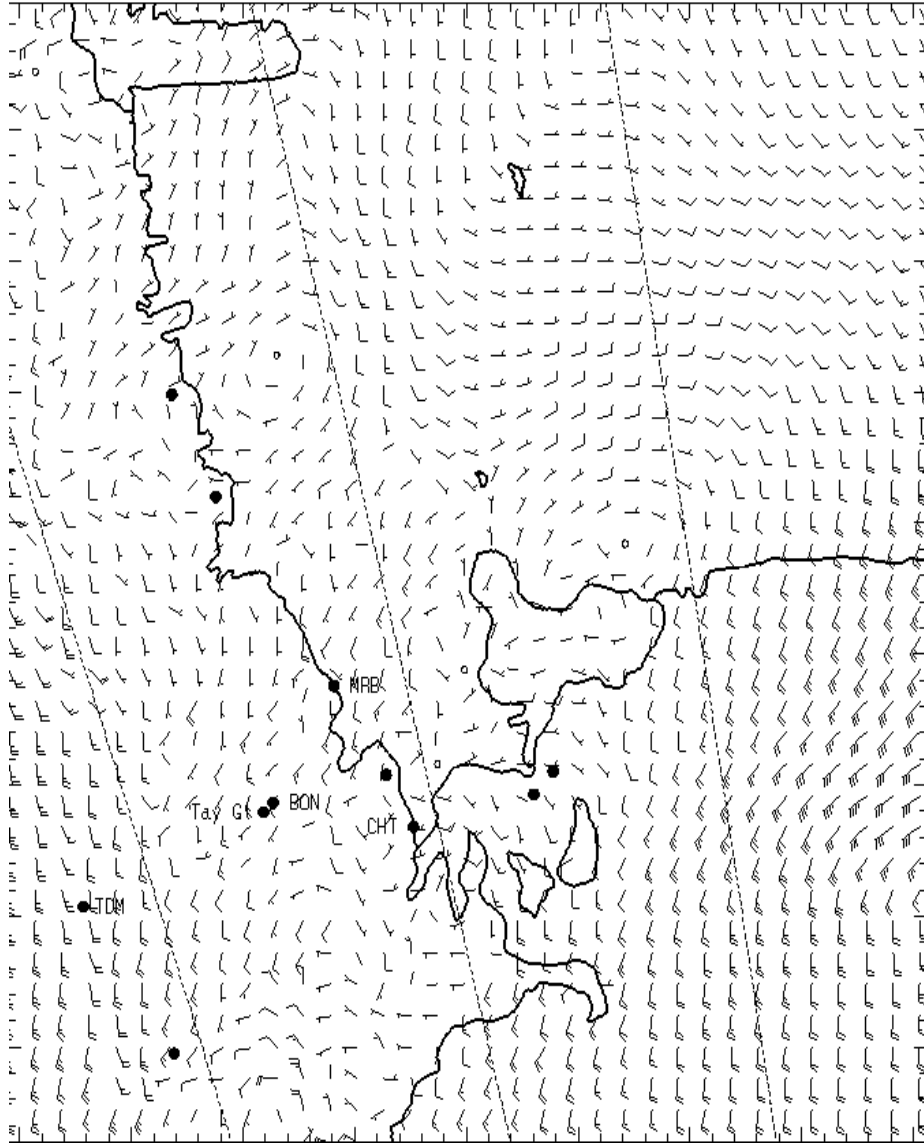


0700L

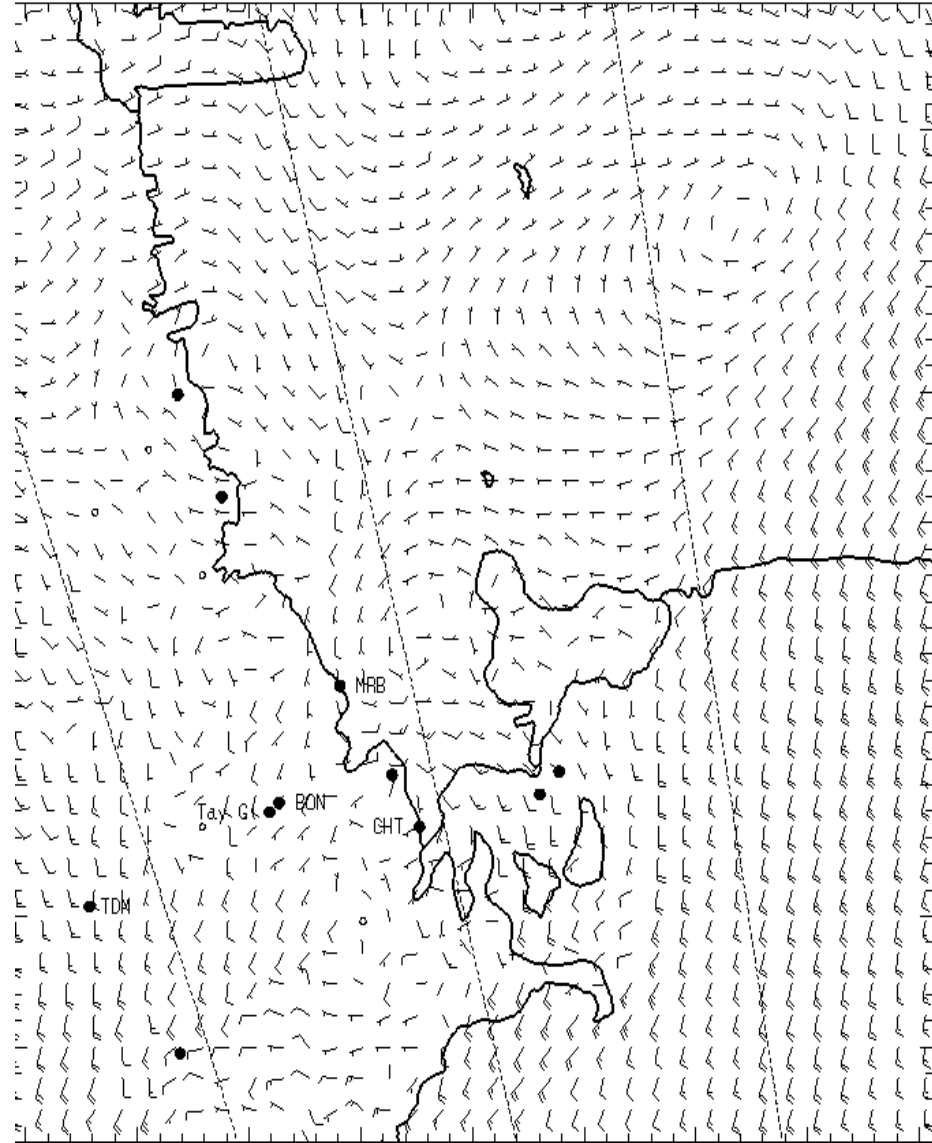


1300L

# 3,000 ft AGL

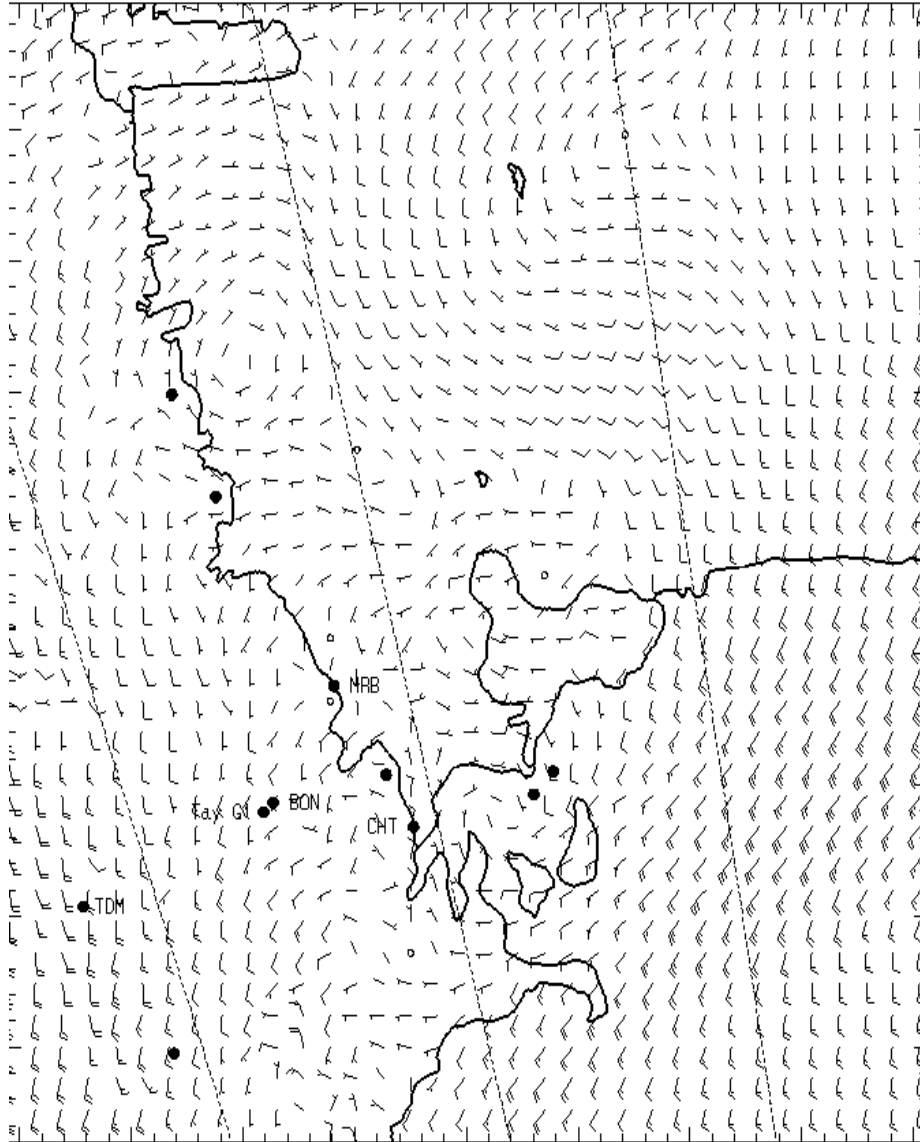


0700L

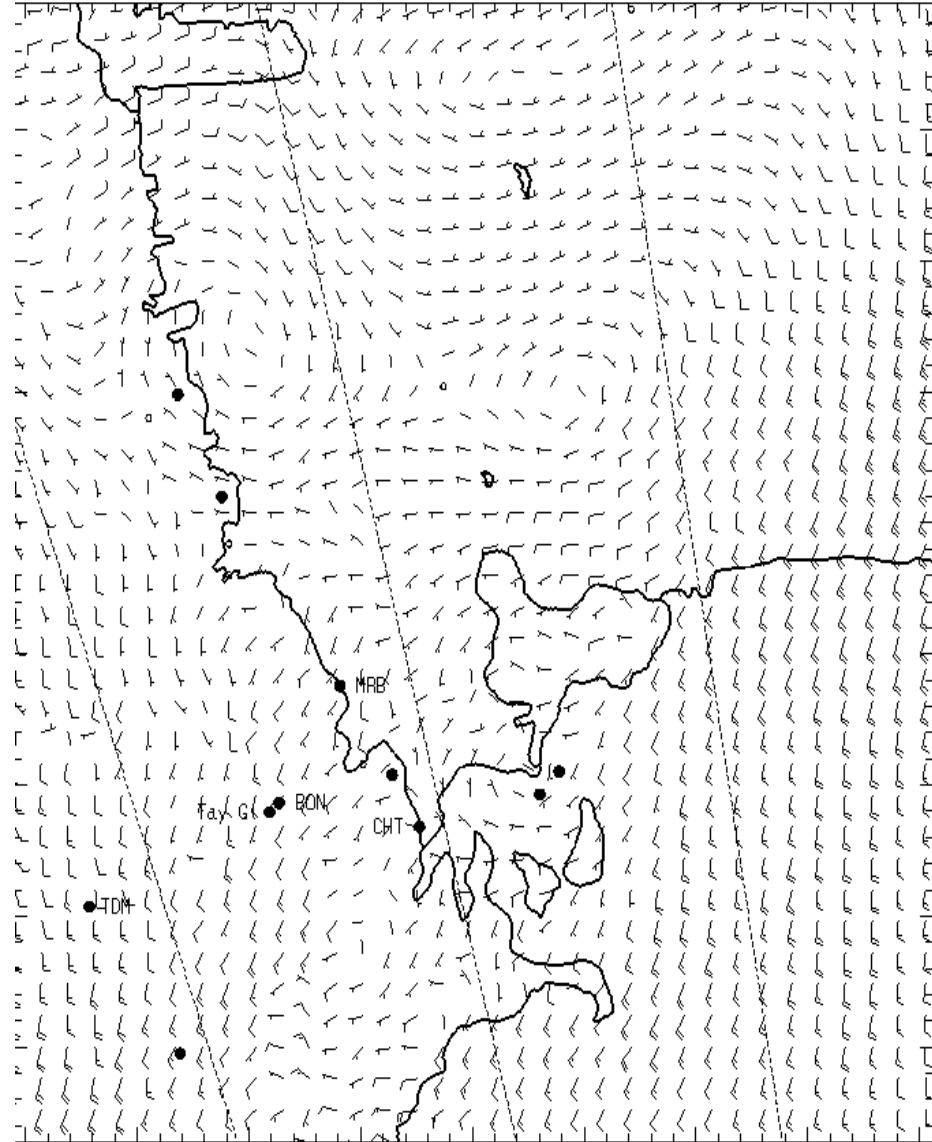


1300L

# 5,000 ft AGL



0700L



1300L