



# Helo Weather

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

Date (L): Sat 5 February 2022

Brief Time (L): 0600

Briefing Number: 02-007

FCSTR: Paul Gulli

## REGIONAL SUMMARY

Low pressure to the east is causing layered cloudiness over the local area and is expected to produce intermittent snow showers today. Winds at the surface should remain fairly light, but a moderate low-level jet aloft will still be causing strong flow traveling up McMurdo Sound.

## HAZARDS

Light Rime Icing is expected in low-level clouds over Ross Island, the runway areas and south toward Black Island, most significantly in periods of snowfall. Moderate Turbulence is expected over McMurdo and the ice areas, while Black Island will see potential for Occasional Severe Turbulence.

## LATEST MCMURDO OBSERVATION

METAR NZCM 041555Z AUTO 07009KT 9999 OVC060 M07/M12 A2923 RMK AO2 SLP903 T10681122 \$=

## RUNWAY TAFS

TAF NZFX 041459Z 0415/0515 (0504/0604NZDT) 15015G20KT 9999 DRSN SCT015 BKN030 BKN080 QNH2917INS  
GRID32015G20KT  
TEMPO 0416/0422 (0505/0511) 10008KT 6000 -SN BR SCT008 BKN015 OVC030 620156 GRID27008KT  
BECMG 0422/0424 (0511/0513) VRB05KT 9999 NSW SCT015 BKN030 BKN080 QNH2912INS  
BECMG 0505/0507 (0518/0520) 05007KT 3200 -SN BR SCT005 BKN012 OVC020 620128 QNH2910INS GRID22007KT

TAF NZWD 041459Z 0415/0515 (0504/0604NZDT) 16012G18KT 9999 DRSN SCT030 BKN050 BKN080 QNH2917INS  
GRID33012G18KT  
TEMPO 0415/0421 (0504/0510) 08008KT 6000 -SN BR SCT008 BKN020 OVC030 620207 520205 GRID25008KT  
BECMG 0421/0423 (0510/0512) VRB05KT 9999 NSW SCT020 BKN040 BKN080 520205 QNH2912INS  
BECMG 0505/0507 (0518/0520) VRB05KT 3200 -SN SCT005 BKN012 OVC020 620128 520205 QNH2910INS

## MCMURDO HELIPAD FORECAST (VALID TIME: 05/0600L - 1800L)

**SFC WIND (TRUE):** VRB06KT, OCNL 29014G20KT

**SFC VISIBILITY (SM):** UNRES, OCNL -SN

**SKY CONDITION (AGL):** SCT025 BKN050 BKN100, OCNL BKN025 OVC050

**MIN ALSTG:** 29.13INS

**HAZARDS:** LGT RIME ICG 025-080, LGT TURBC 020-080

**SITE & AREA FORECASTS (VALID TIME: 05/0600L - 1800L)**

**BLACK ISLAND**

**SFC WIND (TRUE):** 18030G45KT, TEMPO 06L-12L 20015G25KT

**SFC VISIBILITY (SM):** 1/2 -SN BLSN, TEMPO 06L-12L 4 -SN

**SKY CONDITION (AGL):** BKN015 OVC030

**MIN ALSTG:** 29.10INS

**HAZARDS:** LGT RIME ICG 015-050, MDT OCNL SVR TURBC SFC-050

**GARWOOD VALLEY**

**SFC WIND (TRUE):** VRB05KT

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** SCT070, BY 14L BKN050

**MIN ALSTG:** 28.92INS

**HAZARDS:** LGT TURBC SFC-030

**MARBLE POINT**

**SFC WIND (TRUE):** 20008KT, BY 10L VRB05KT

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** SCT015 BKN080

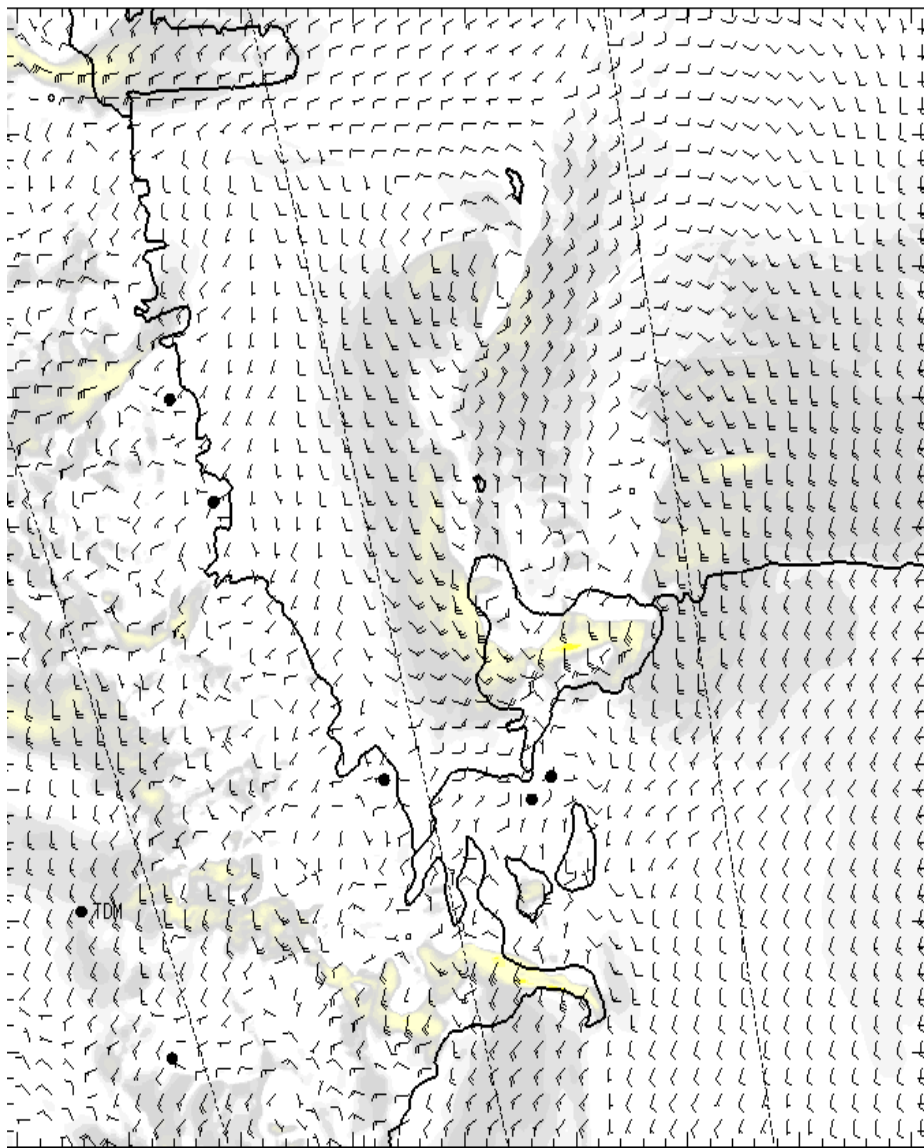
**MIN ALSTG:** 29.12INS

**HAZARDS:** NIL

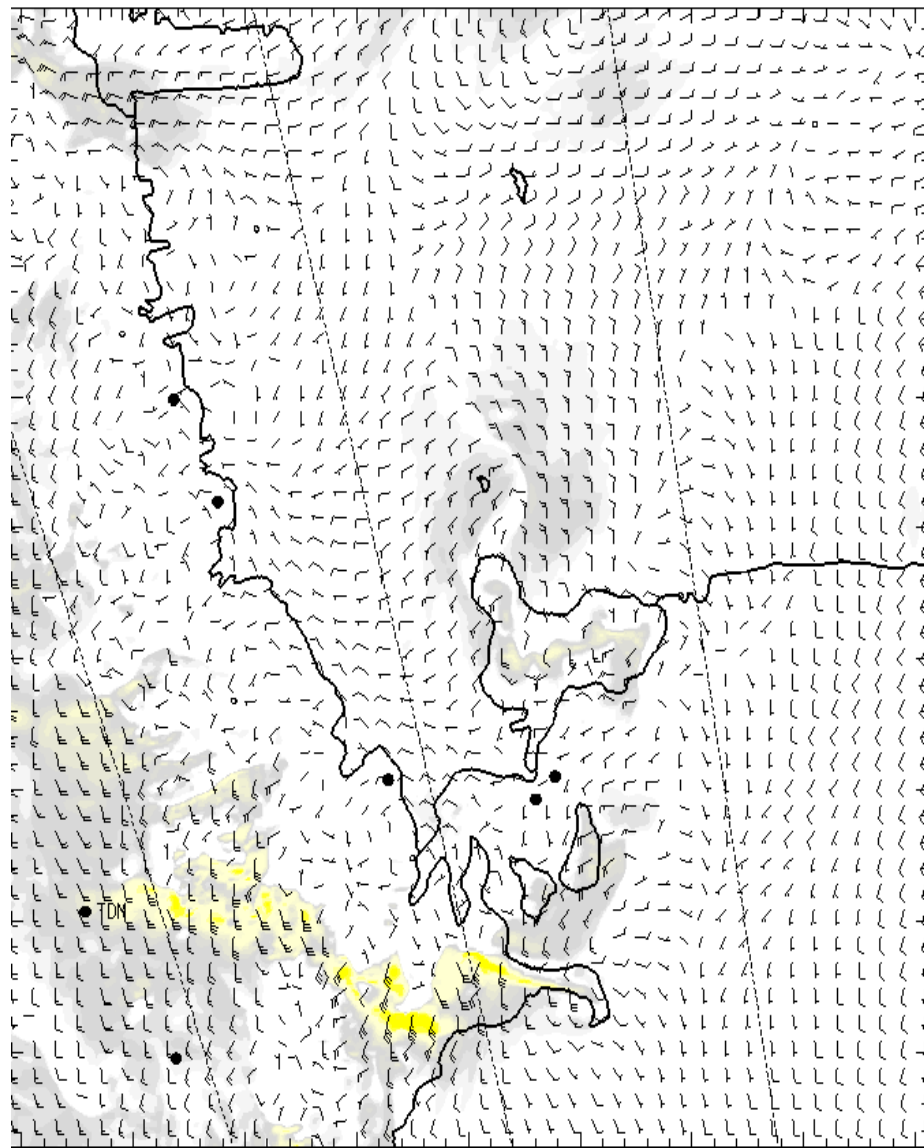
**NIGHT AREA OUTLOOKS (VALID TIME: 05/1800L - 06/0600L):**

**NIL**

# SFC

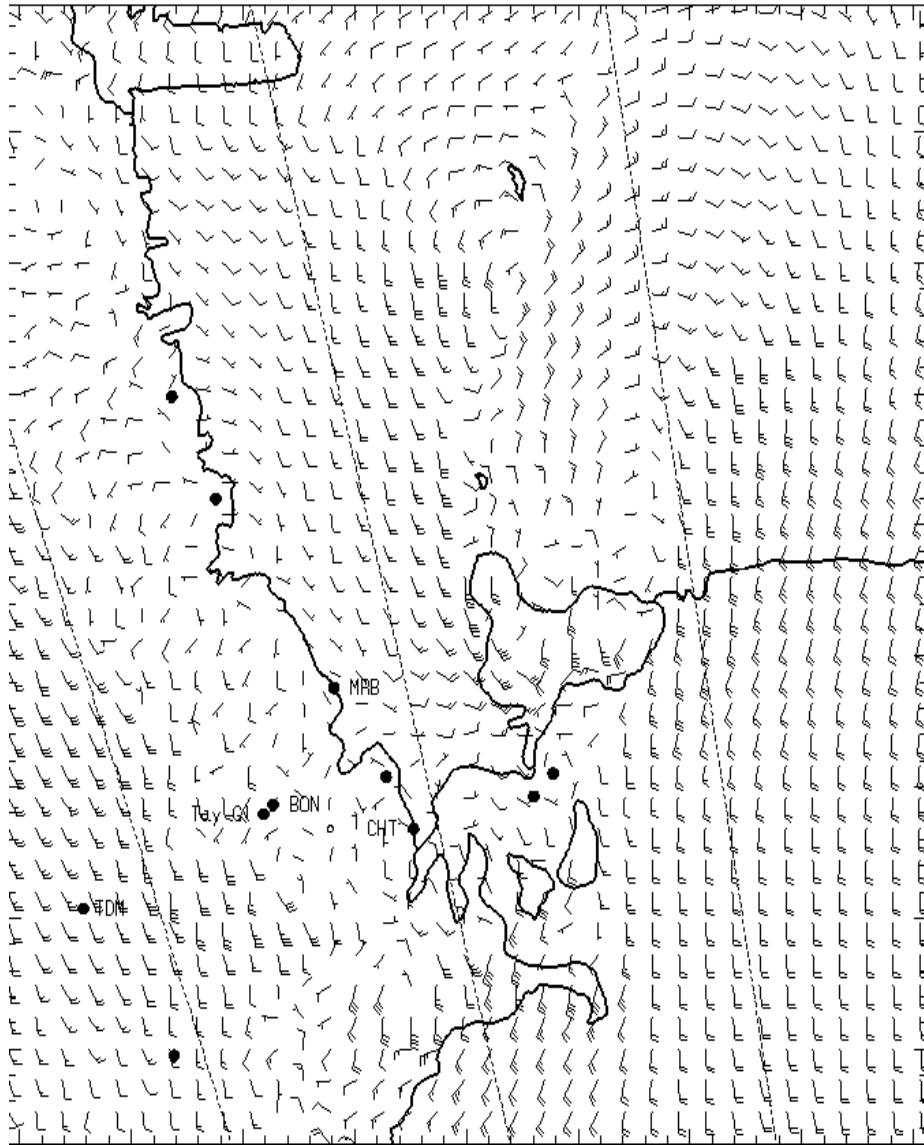


0700L

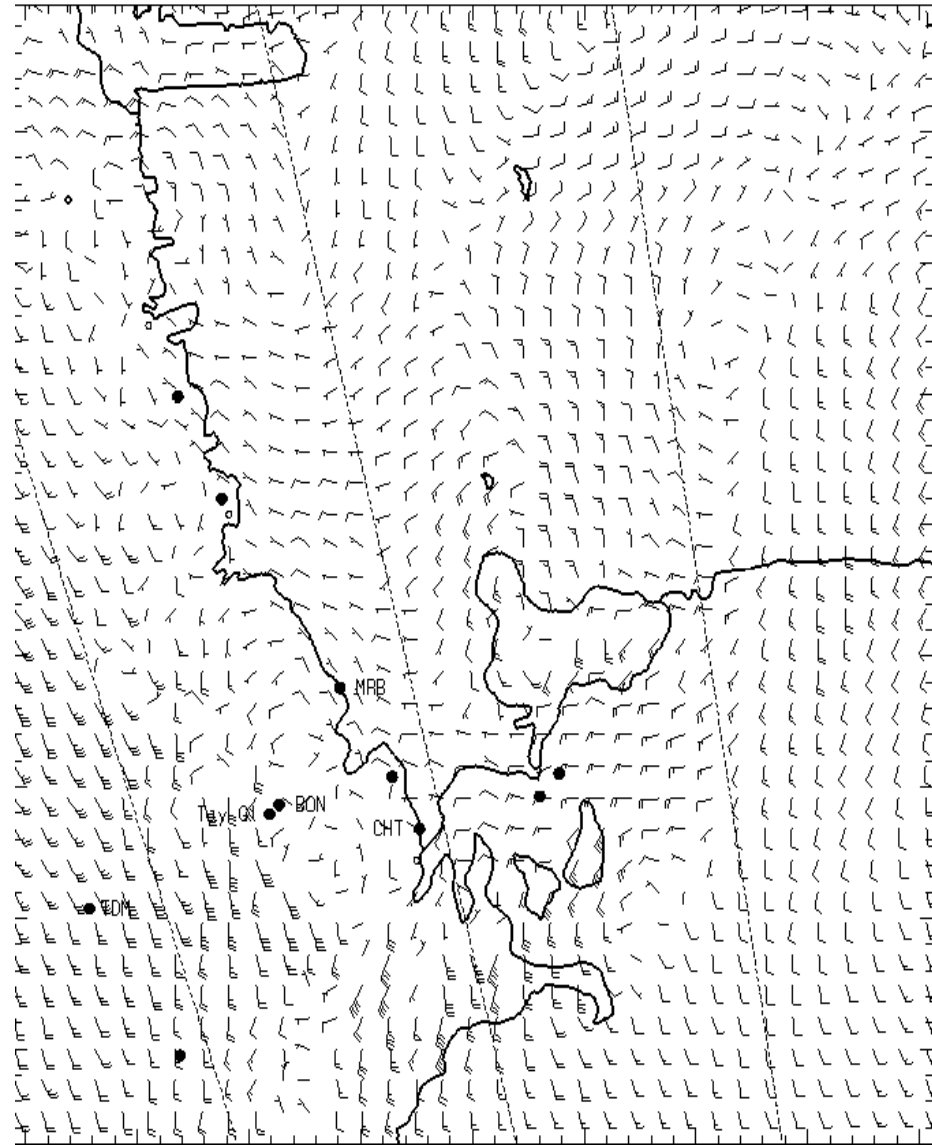


1300L

# 1,000 ft AGL

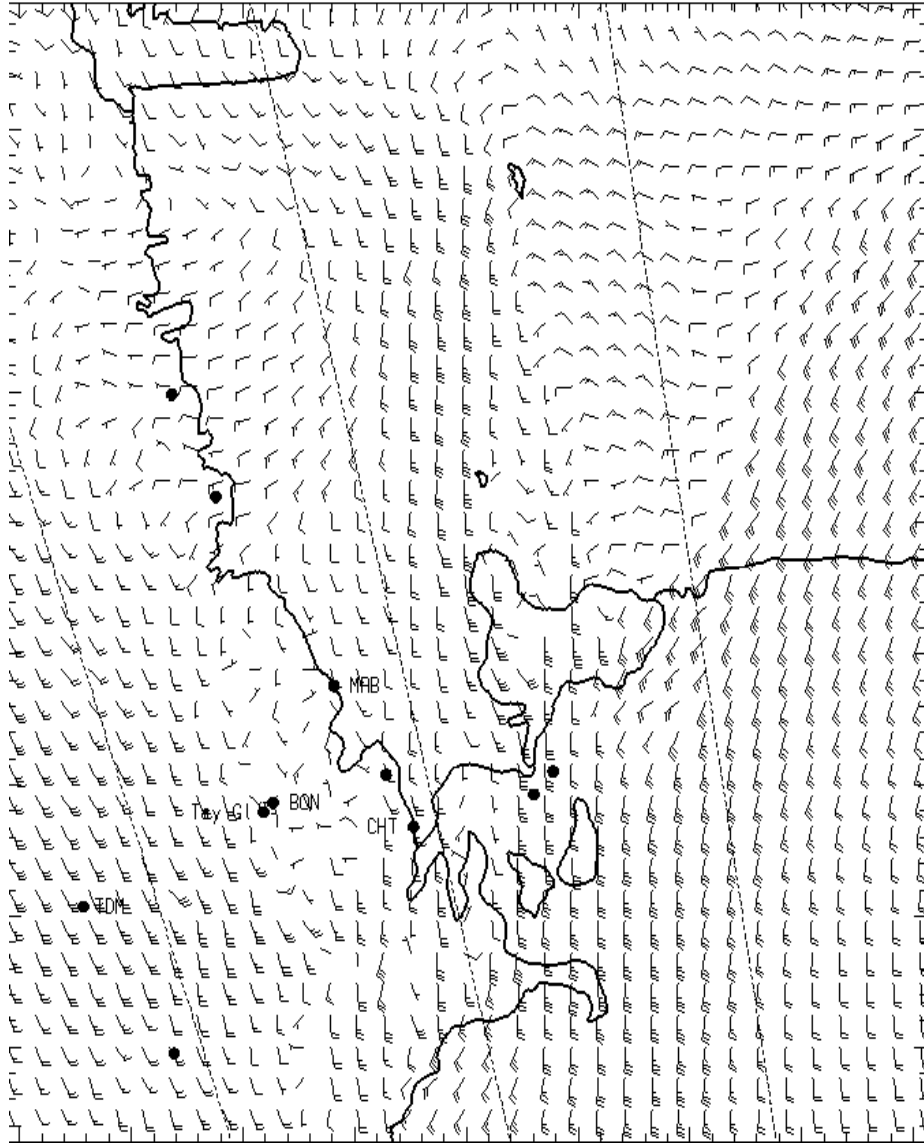


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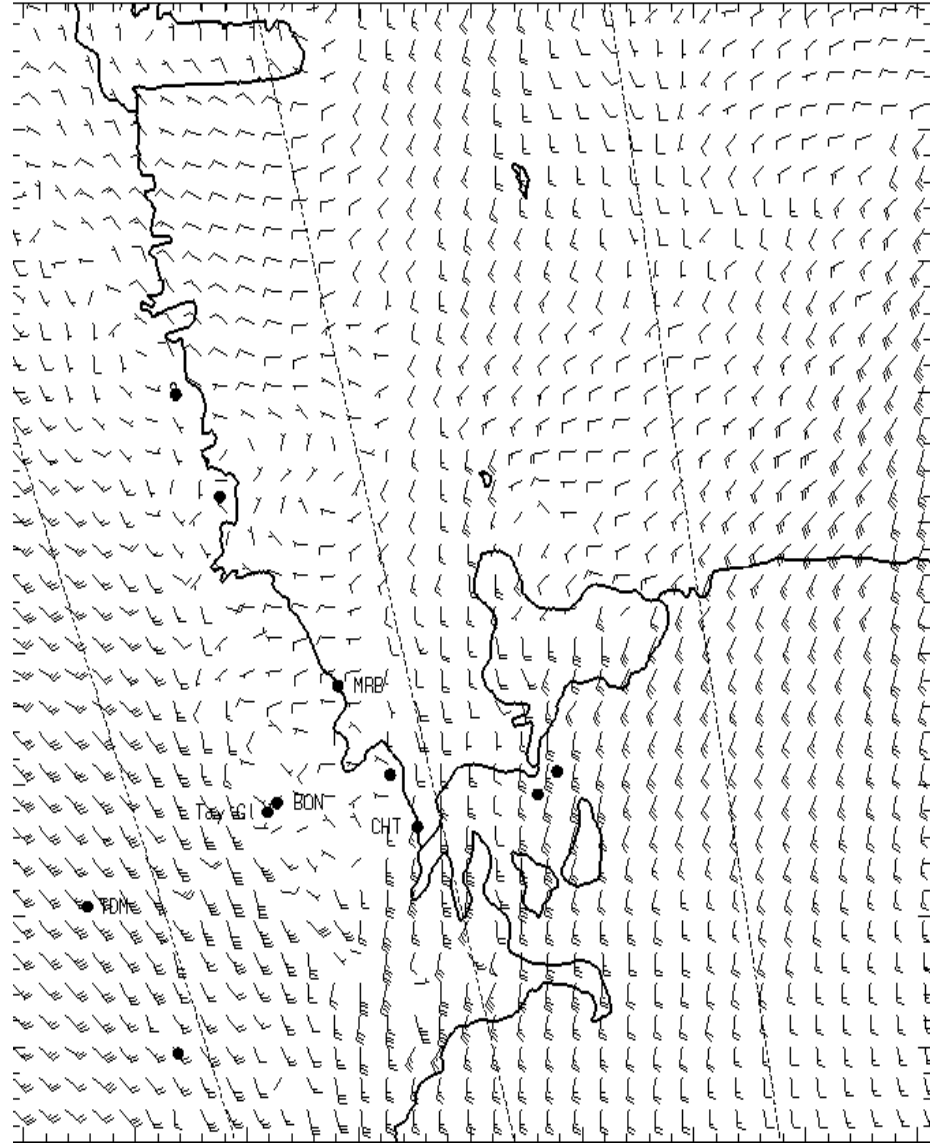


1300L

# 3,000 ft AGL

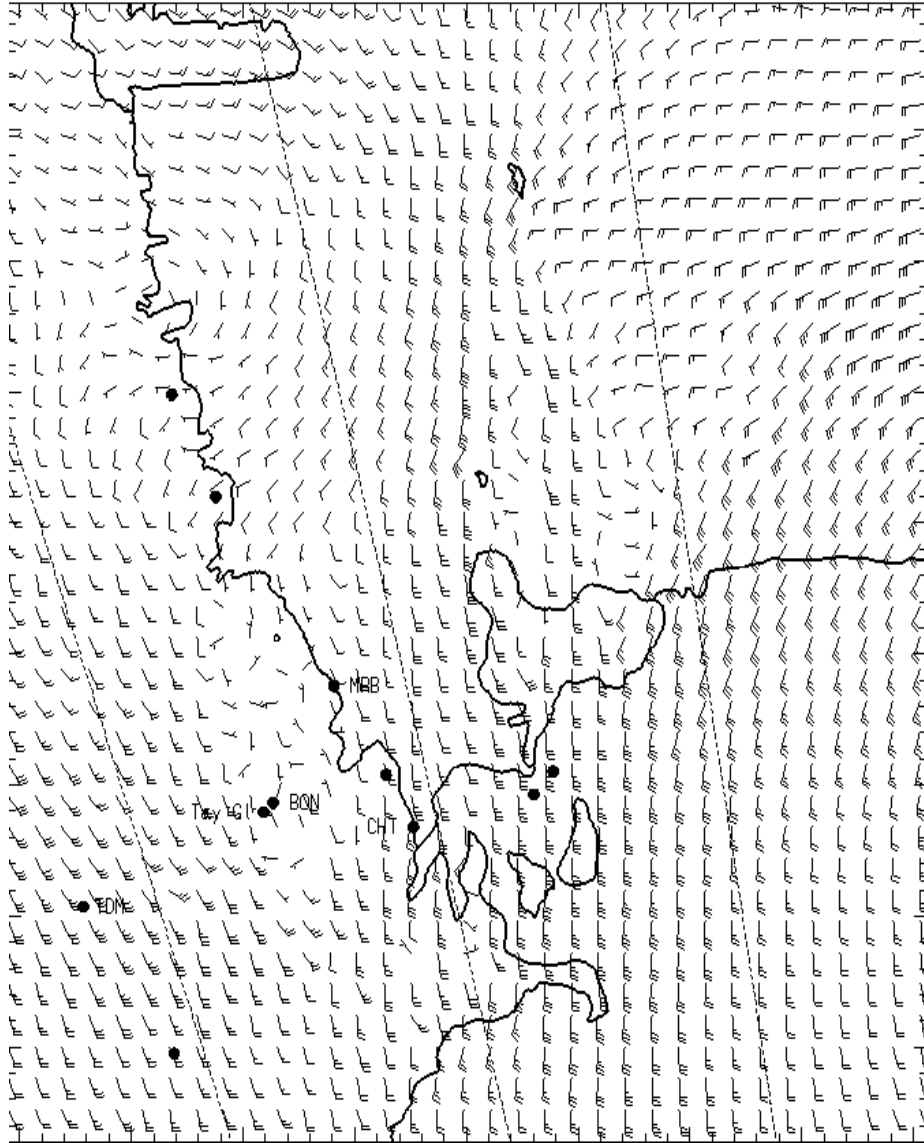


0700L

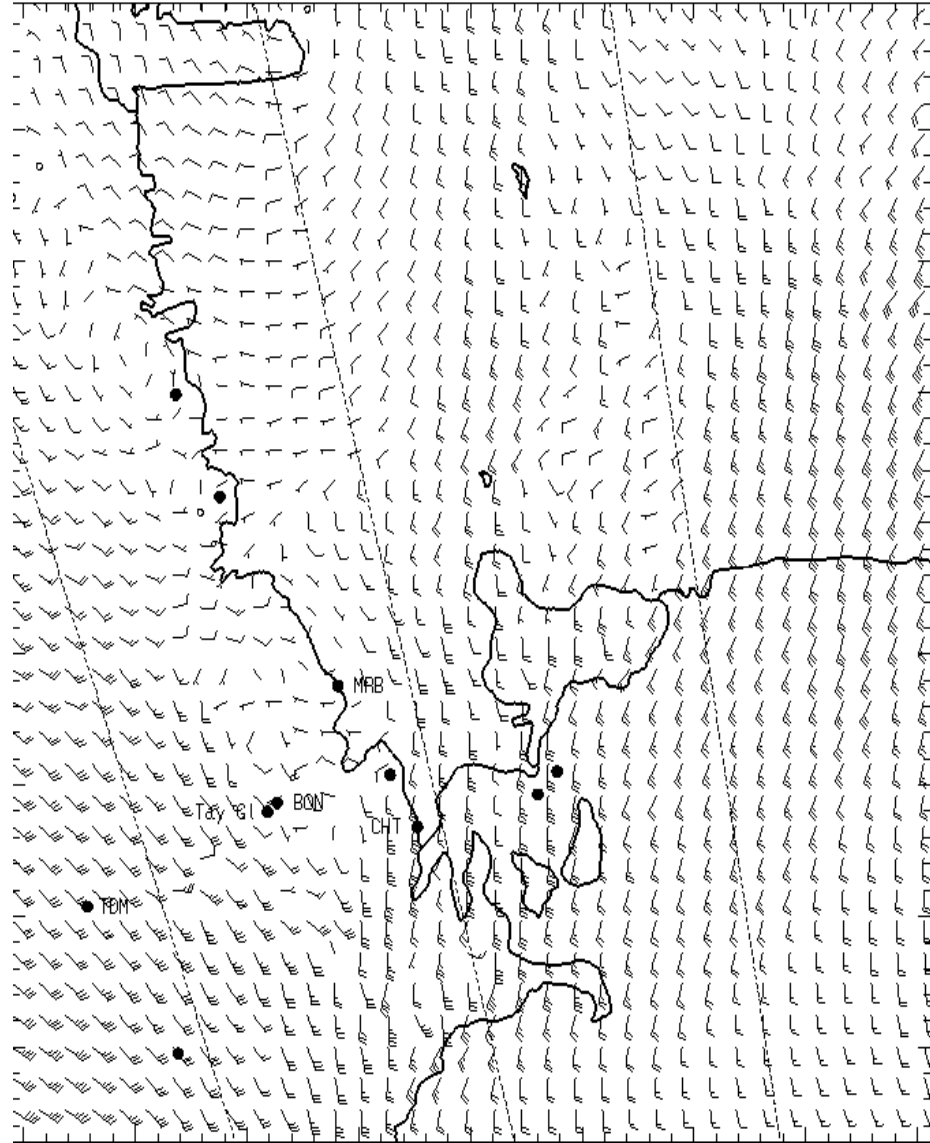


1300L

# 5,000 ft AGL



0700L



1300L