



# HELO Weather

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

Date (L): Saturday 19 December 2020

Brief Time (L): 0615

Briefing Number: 12-14

**FCSTR:** John Meyer

## REGIONAL SUMMARY

Low pressure on the Ross Ice Shelf is sending a stream of moisture up the TA's. This will bring low ceilings, snow, mist, and gusty winds to the entire Ross Island region today. While there will be periods of "better" weather mixed in with periods of "worse" weather, conditions are expected to remain overall poor today. Southerly winds aloft are fairly strong (~30kts at 6k ft, and ~40kts at 8k ft), creating gusty, turbulent conditions below and at the surface. Due to the precipitation, icing will even be possible below the low cloud ceilings.

## HAZARDS

Light to moderate rime icing from the surface through the mid-level clouds.  
Light to moderate turbulence in the low-to-mid levels due to stronger flow aloft.

## LATEST MCMURDO OBSERVATION

METAR ZCMA 181638Z AUTO 22008KT 200V260 9999 BKN055 BKN100 M02/M04 A2886 RMK AO1 SLP778 GRID03008KT 010V070=

## RUNWAY TAFS

TAF NZFX 181459Z 1815/1915 (1904/2004NZDT) 16008KT 9999 -SN SCT010 BKN025 OVC035 620255 QNH2876INS GRID33008KT  
TEMPO 1815/1822 (1904/1911) 18015KT 1600 -SN BR SCT010 OVC020 620206 GRID35015KT  
TEMPO 1901/1906 (1914/1919) 2400 -SN BR SCT015 BKN020 OVC060 620206

## MCMURDO HELIPAD FORECAST (VALID TIME: 19/0600L – 19/1800L)

**SFC WIND (TRUE):** 16015G25KT  
**SFC VISIBILITY (SM):** 1/2 – 2 -SN BR TEMPO UNRES 8-14L  
**SKY CONDITION (AGL):** SCT010 BKN020 TEMPO BKN050 8-14L  
**MIN ALSTG:** 2878INS  
**HAZARDS:** LGT-MDT ICG SFC-090 / LGT TURBC SFC-050

## SITE & AREA FORECASTS (VALID TIME: 19/0600L – 19/1800L)

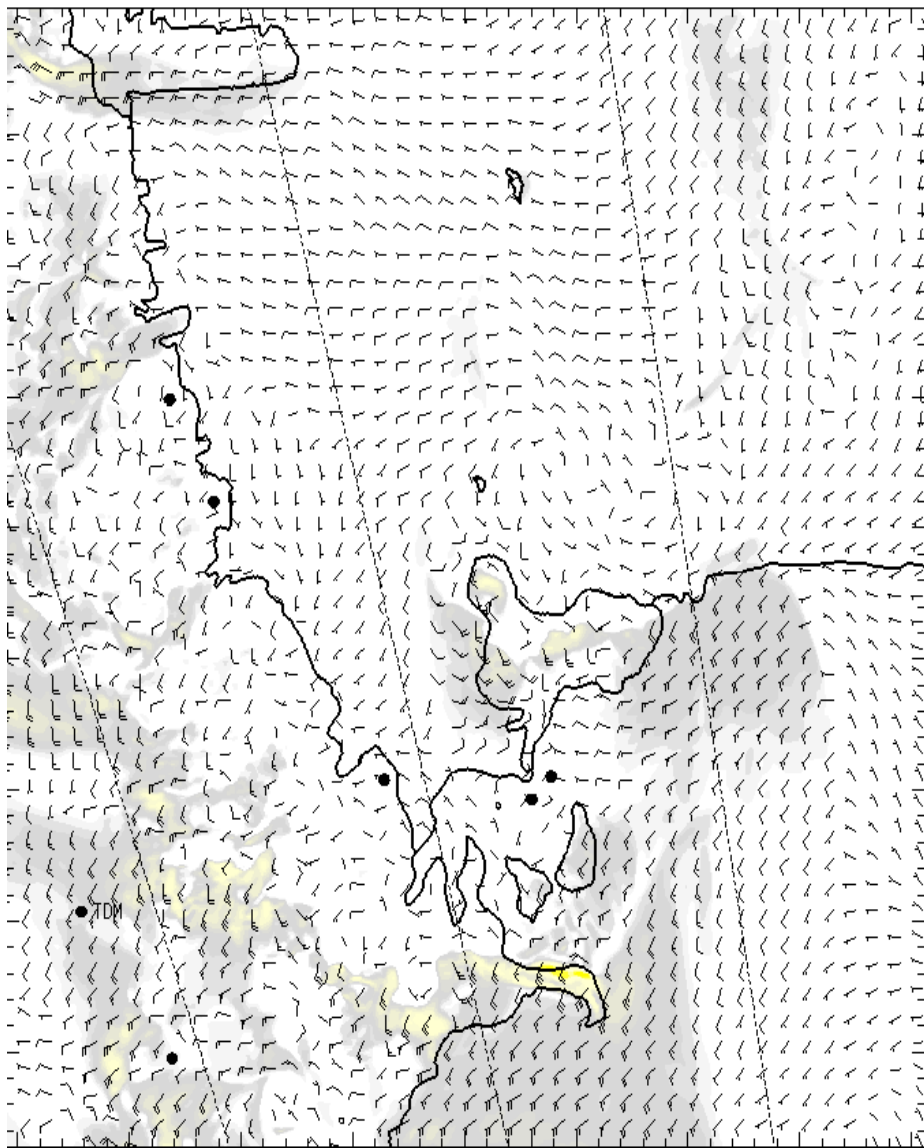
### BLACK ISLAND

**SFC WIND (TRUE):** 18035G50KT TEMPO 22015G25KT 8-14L  
**SFC VISIBILITY (SM):** 1/2 – 2 -SN BR TEMPO 4 – 6 -SN BR 8-14L  
**SKY CONDITION (AGL):** SCT000 BKN010 TEMPO BKN040 8-14L  
**MIN ALSTG:** 2877INS  
**HAZARDS:** LGT-MDT ICG SFC-080 / LGT-MDT TURBC SFC-050

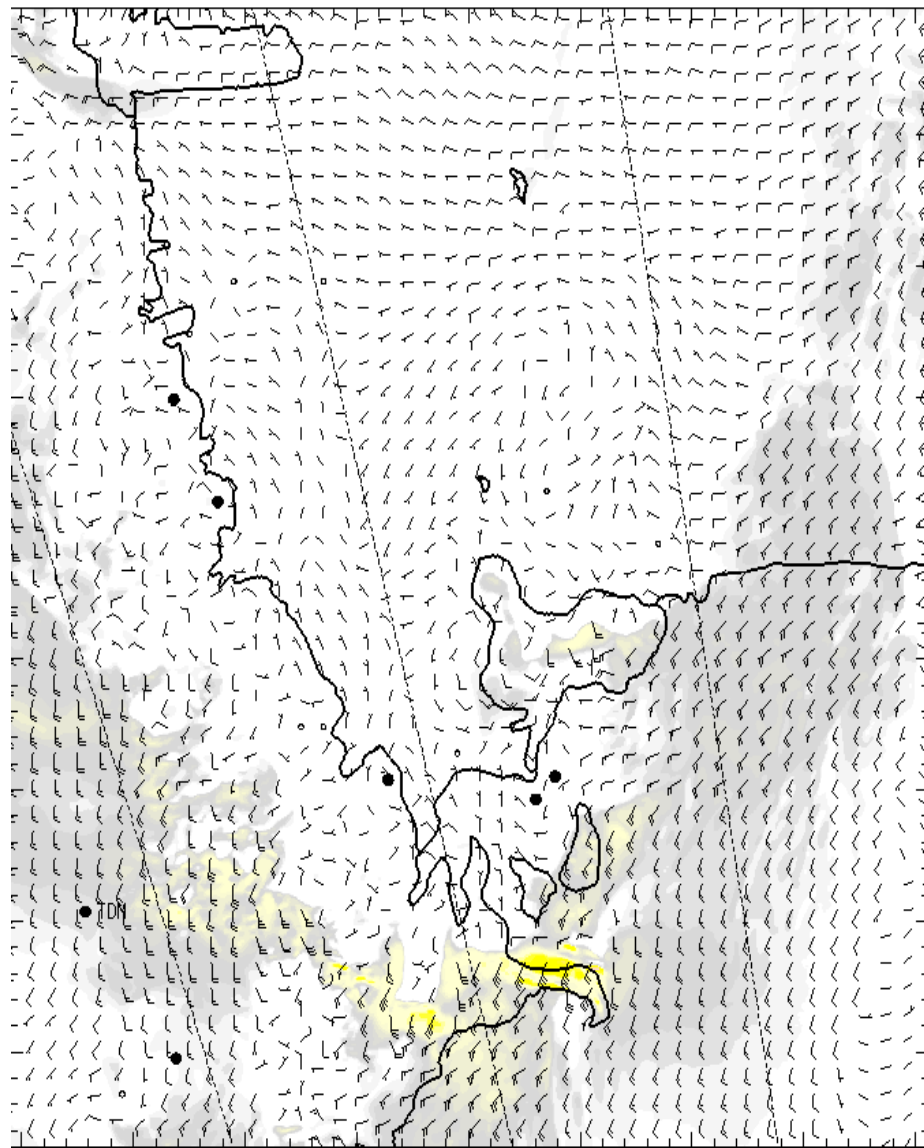
## NIGHT AREA OUTLOOKS (VALID TIME: 19/1800L – 20/0600L)

NIL

# SFC

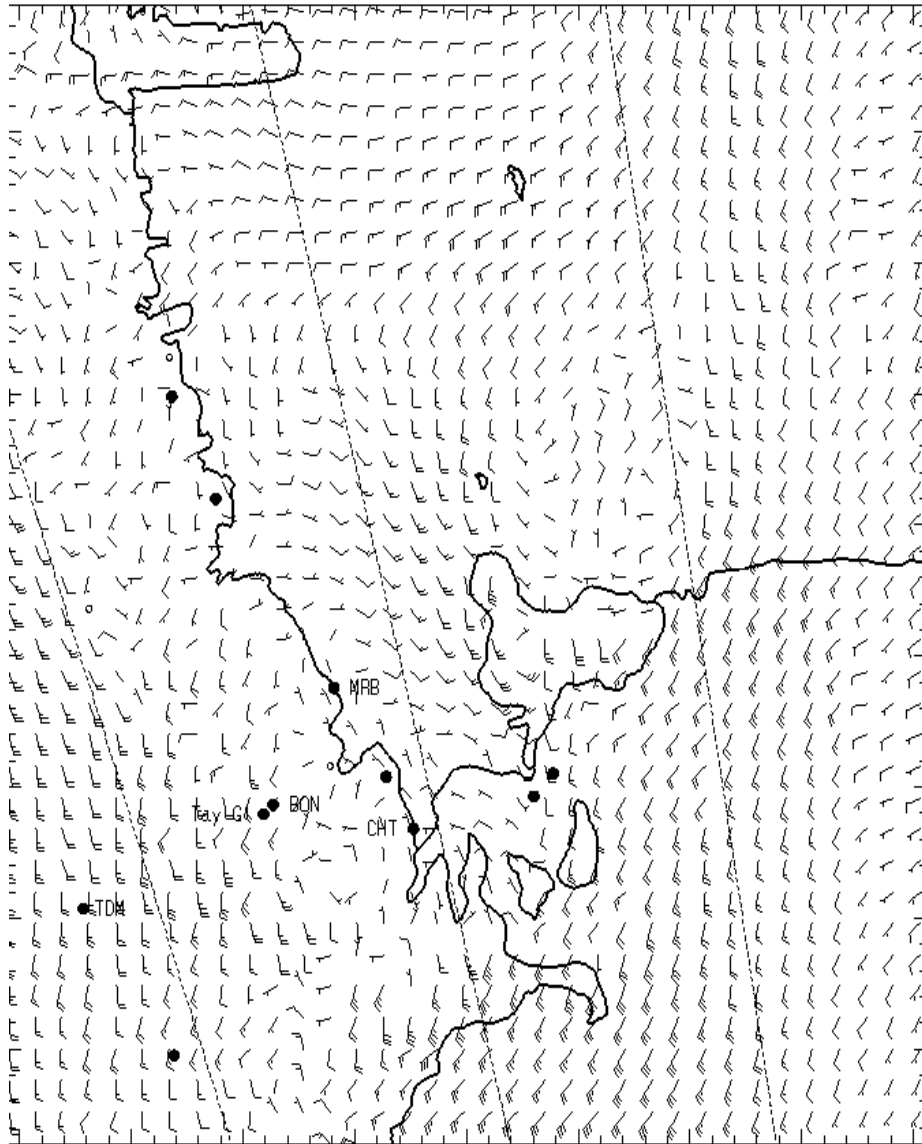


0700L

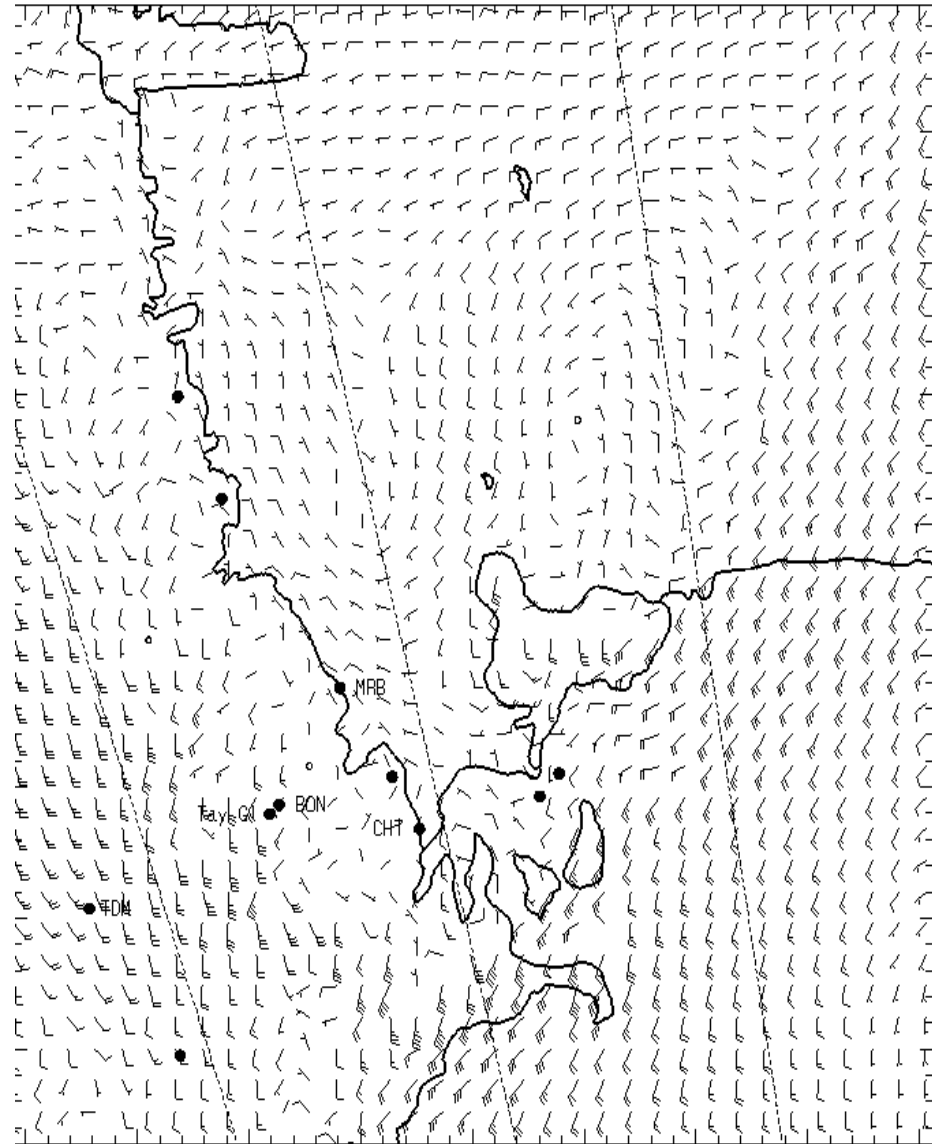


1300L

# 1,000 ft AGL

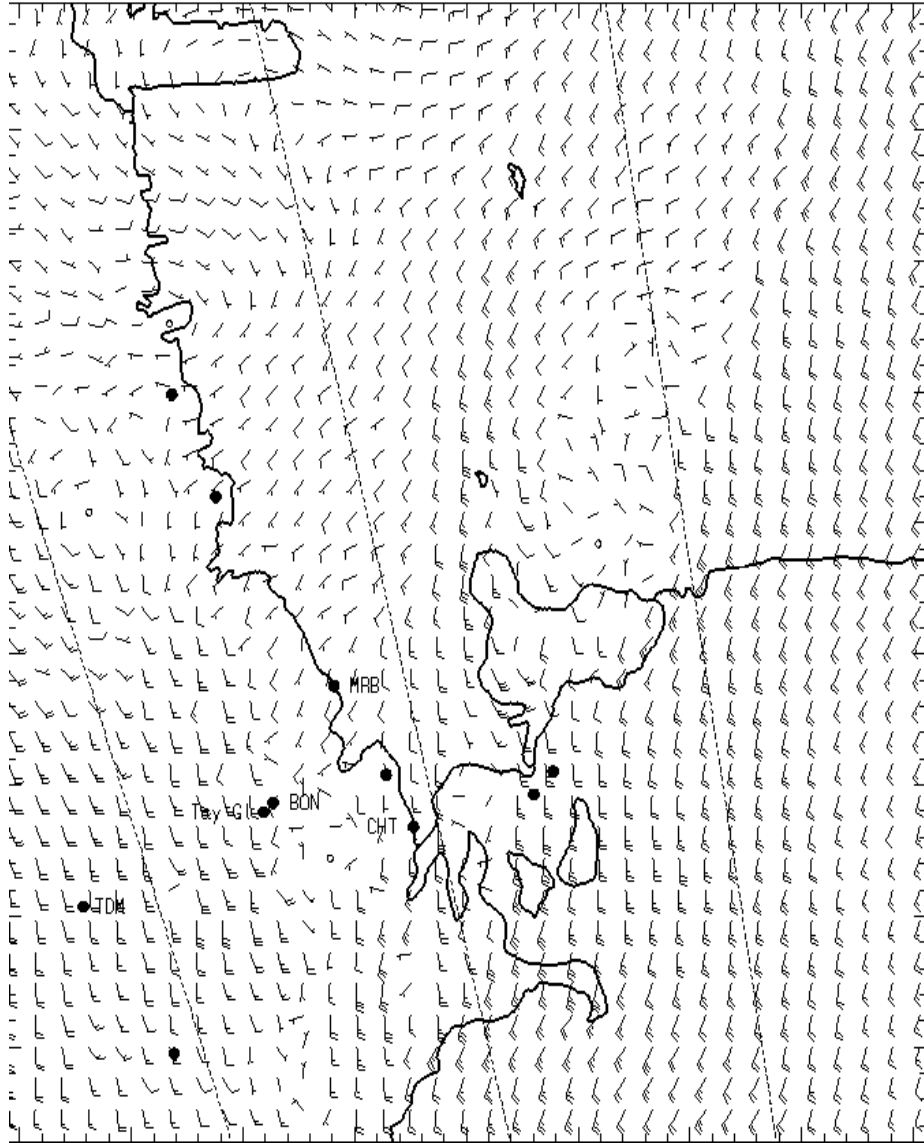


0700L

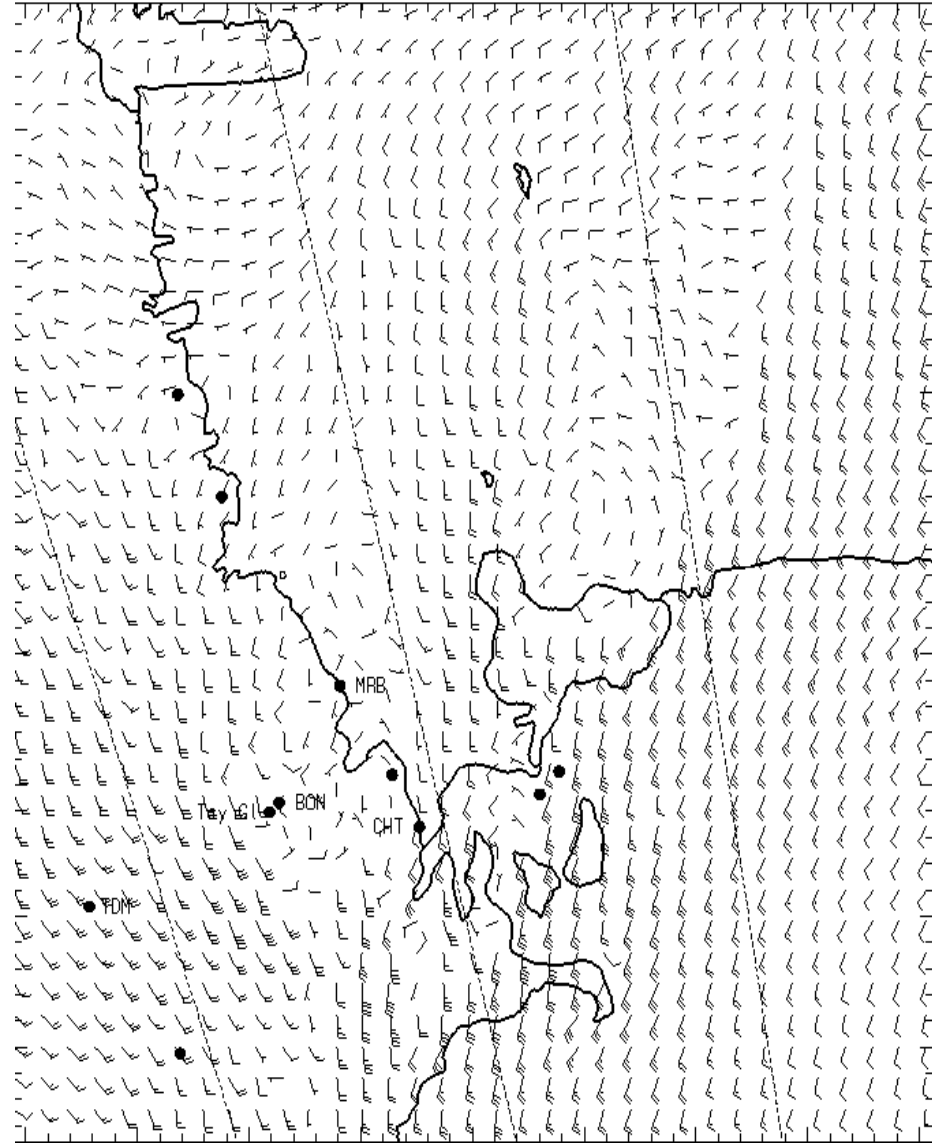


1300L

# 3,000 ft AGL

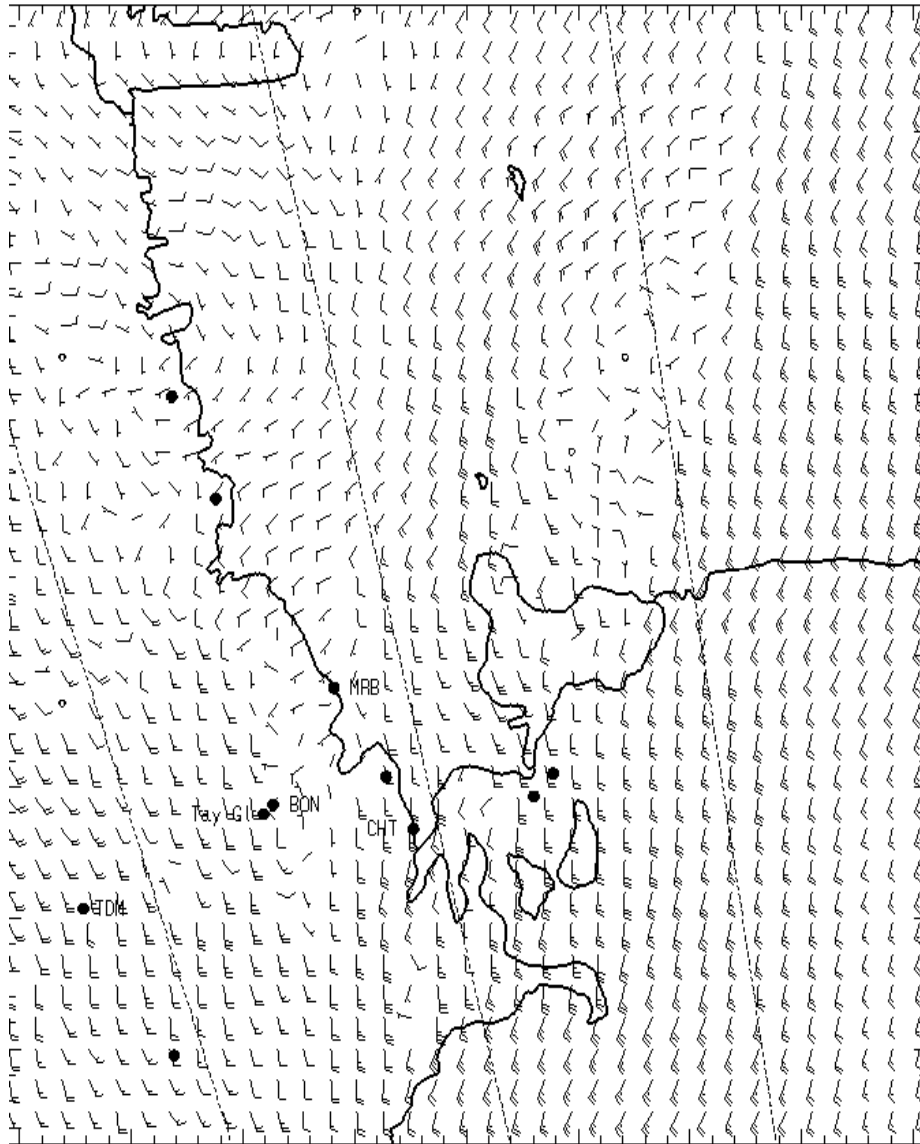


0700L

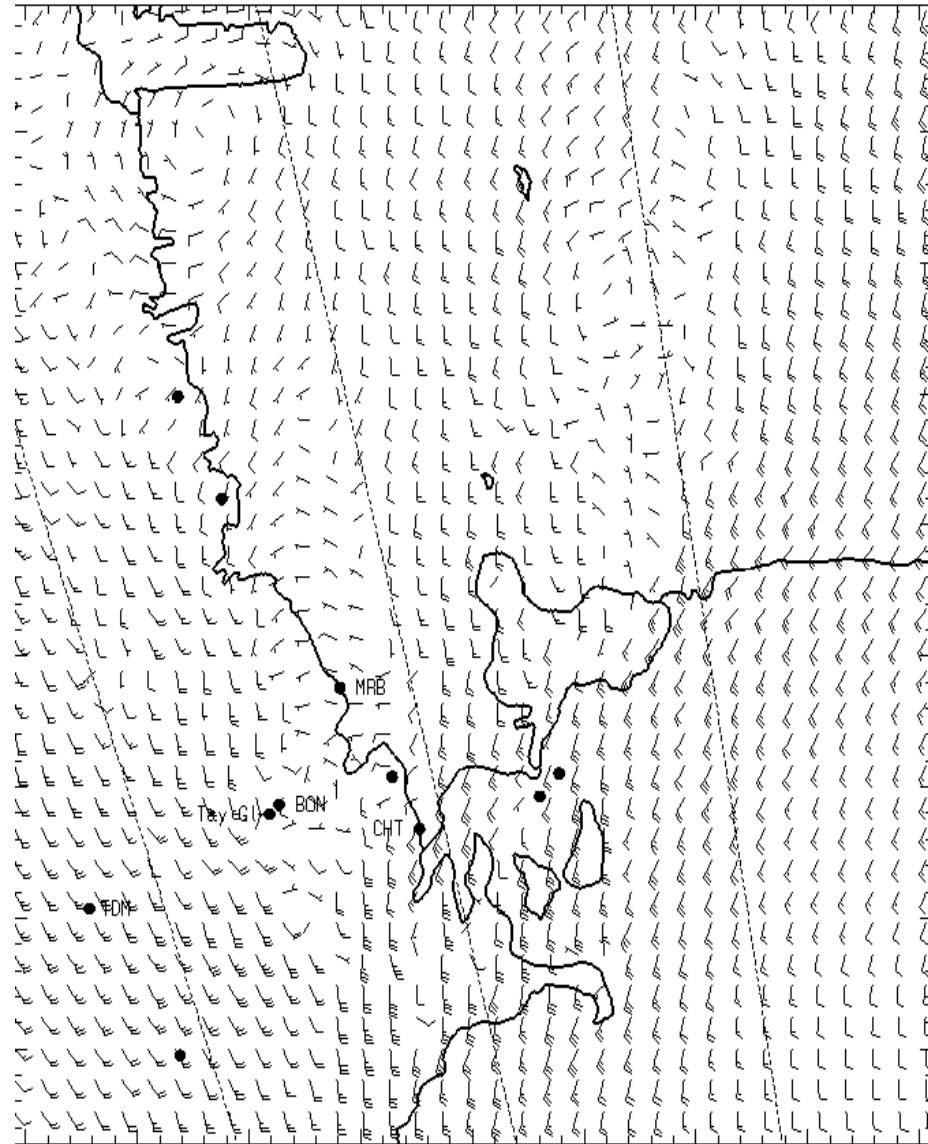


1300L

# 5,000 ft AGL



0700L



1300L