



Helo Weather

Charleston ROF
Email: weather.chs@usap.gov
Iridium: 011 8816 7631 5168
VOIP: x32664
Charleston ROF: 843-218-3927

Date (L): Monday, 12 January 2025

Brief Time (L): 1800L

Briefing Number: 01-012

FORECASTER: Jenna Palmer

REGIONAL SUMMARY

A weak high pressure system resides over the western side of the Ross Ice Shelf as a low pressure system spins over the eastern edge of the Ross Sea. The high will weaken slightly and shift southwards as the low pressure system in the eastern Antarctic front tilts and extends slightly further across the ice shelf. Meanwhile, small high pressure system develops to the north of Ross Island, causing winds to shift and bring clouds down the McMurdo Sound overnight. A weak low pressure system is currently present over Victoria Land and the Dry Valleys, causing low cloud layers and fog in the area.

HAZARDS

Light rime icing in low cloud layers in dry valleys. Light icing departing McMurdo due to low ceilings.

LATEST MCMURDO OBSERVATION

METAR ZCMA 120400Z AUTO 07006KT 6000 OVC025 M07/M11 A2895 RMK AO2 SLP808 GRID23006KT

RUNWAY TAFS

TAF NZFX 120304Z 1203/1303 (1216/1316NZDT) 04009KT 9999 OVC007 620002 QNH2898INS GRID21009KT
TEMPO 1203/1209 (1216/1222NZDT) 06009KT 9999 OVC010 620011 GRID23009KT

TAF NZWD 120304Z 1203/1303 (1216/1316NZDT) 06009KT 9999 OVC007 620002 QNH2900INS GRID23009KT
TEMPO 1203/1209 (1216/1222NZDT) OVC010 620011

MCMURDO HELIPAD FORECAST (VALID TIME: 12/1800L – 13/0600L)

SFC WIND (TRUE): 05008KT BECMG 31010KT AFT 12/2300L

SFC VISIBILITY (SM): 9999

SKY CONDITION (AGL): FEW009 BKN025 BECMG BKN009 BKN025 AFT 12/2100L

MIN ALSTG: 28.89INS

HAZARDS: LGT RIME ICING 025-050, BECMG 009-050 AFT 12/2100L

SITE & AREA FORECASTS (VALID TIME: 12/1800L – 13/0600L)

MT NEWALL

SFC WIND (TRUE): VRB06KT

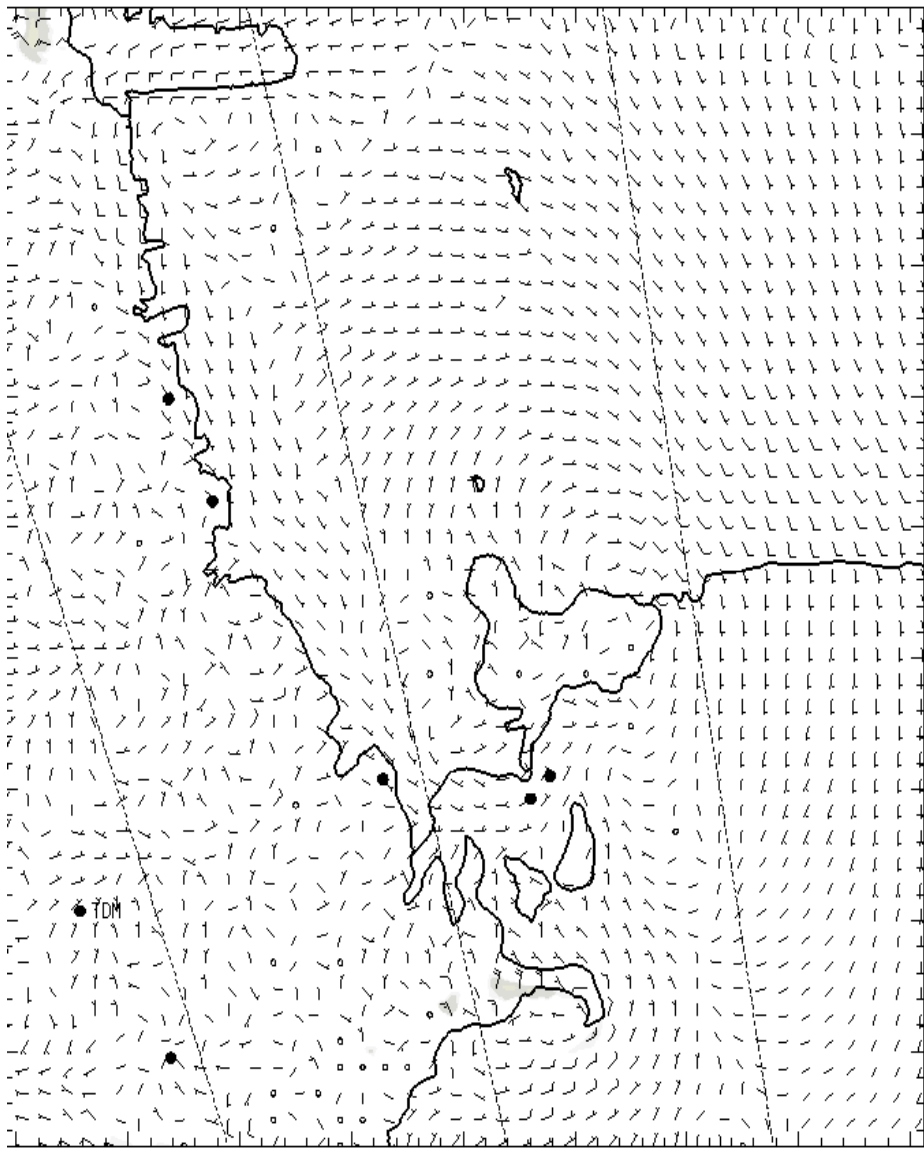
SFC VISIBILITY (SM): 1200 BR BECMG 9999 AFT 12/2200L

SKY CONDITION (AGL): SCT003 BKN015, BECMG FEW003 SCT015 BKN025 AFT 12/2200L

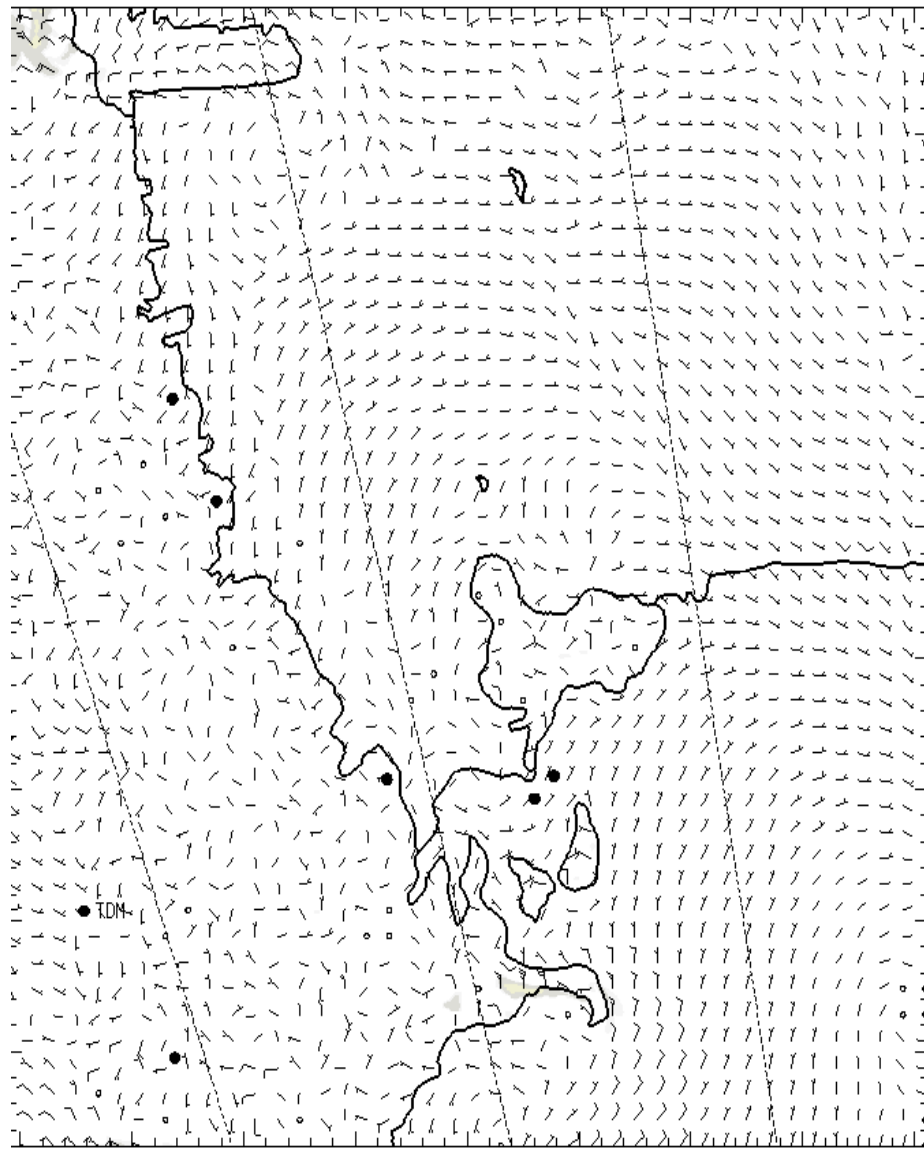
MIN ALSTG: 28.53INS

HAZARDS: LGT RIME ICING 015-050, BECMG 025-050 AFT 12/2200L

SFC

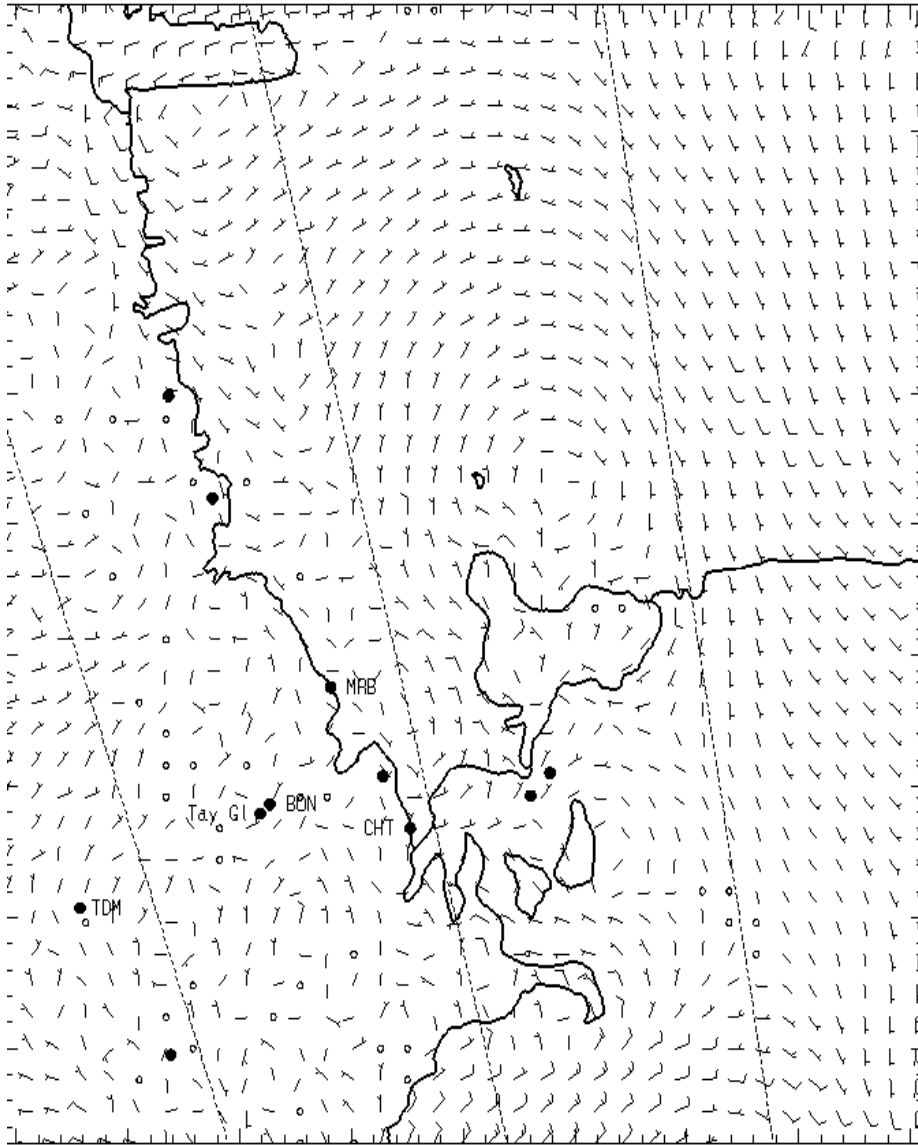


1900L

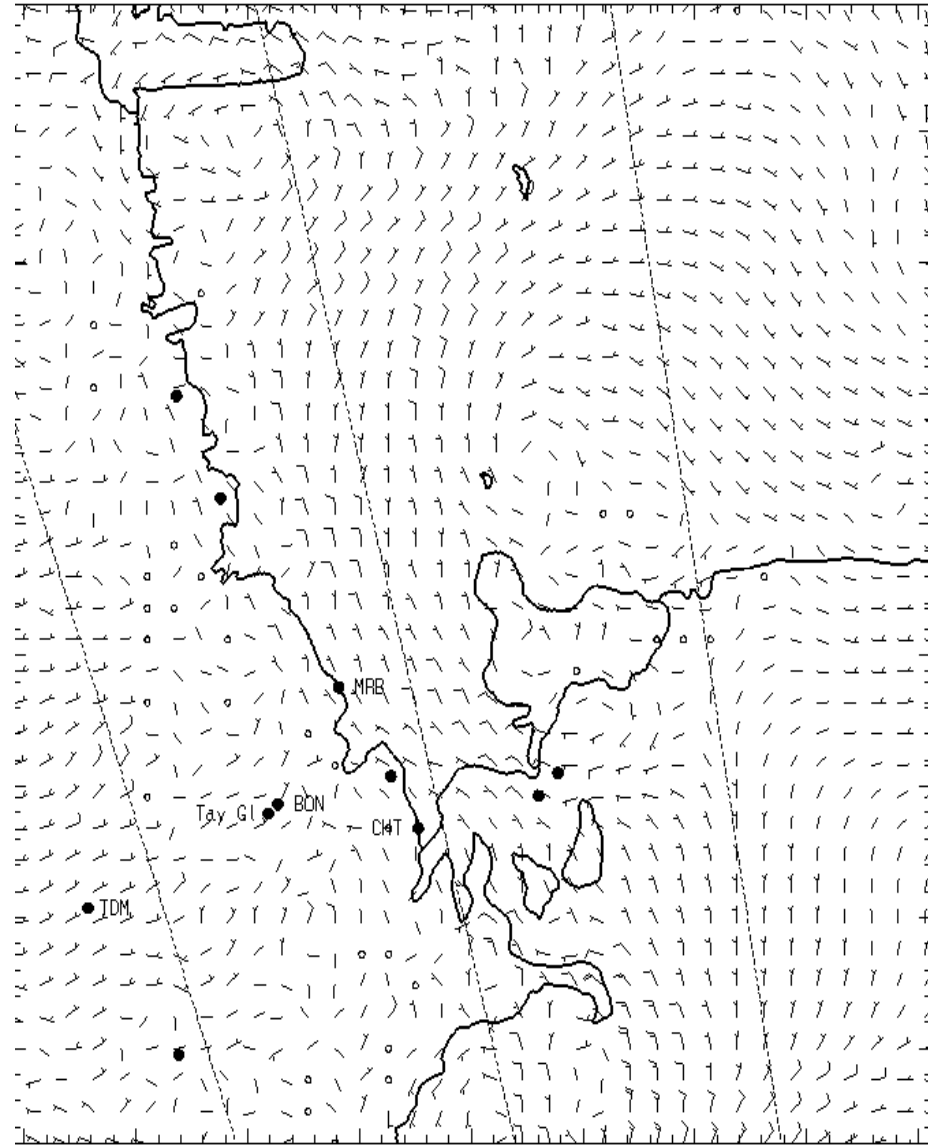


0100L

1,000 ft AGL

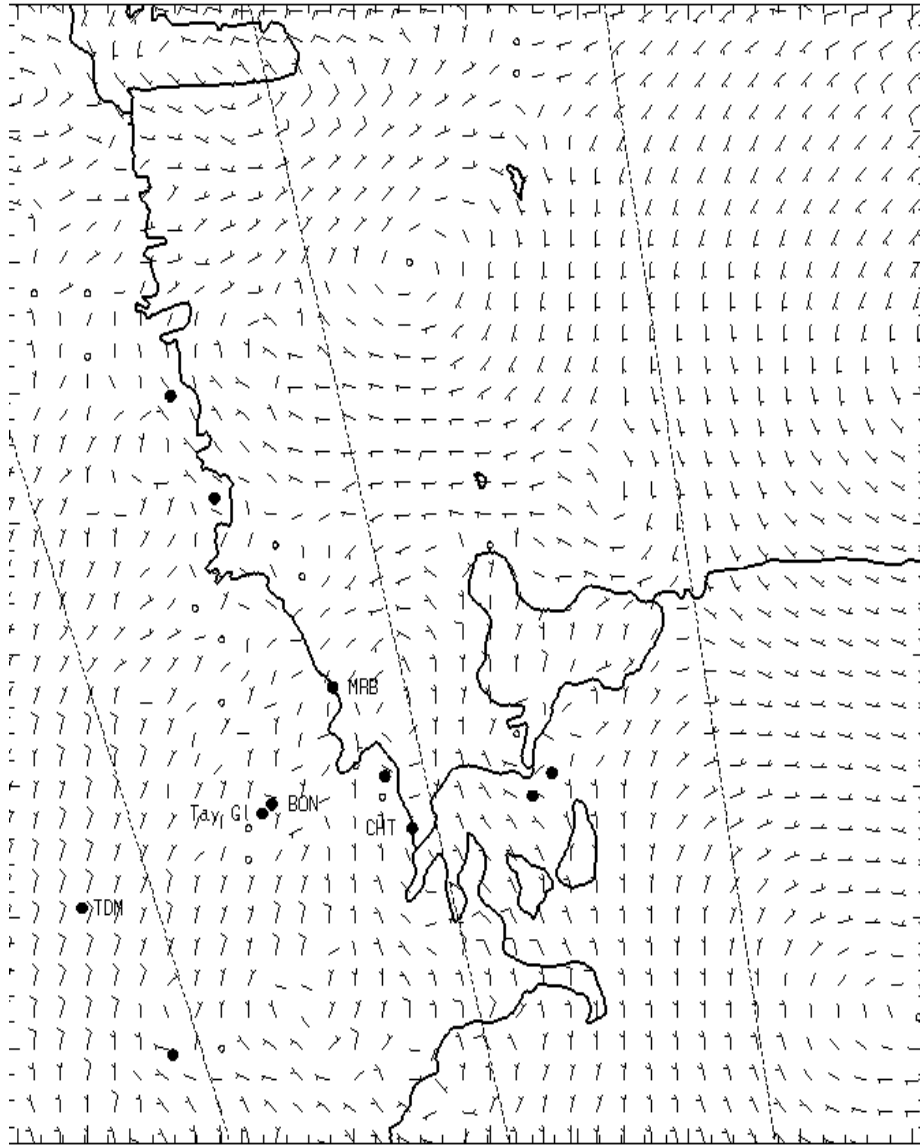


1900L

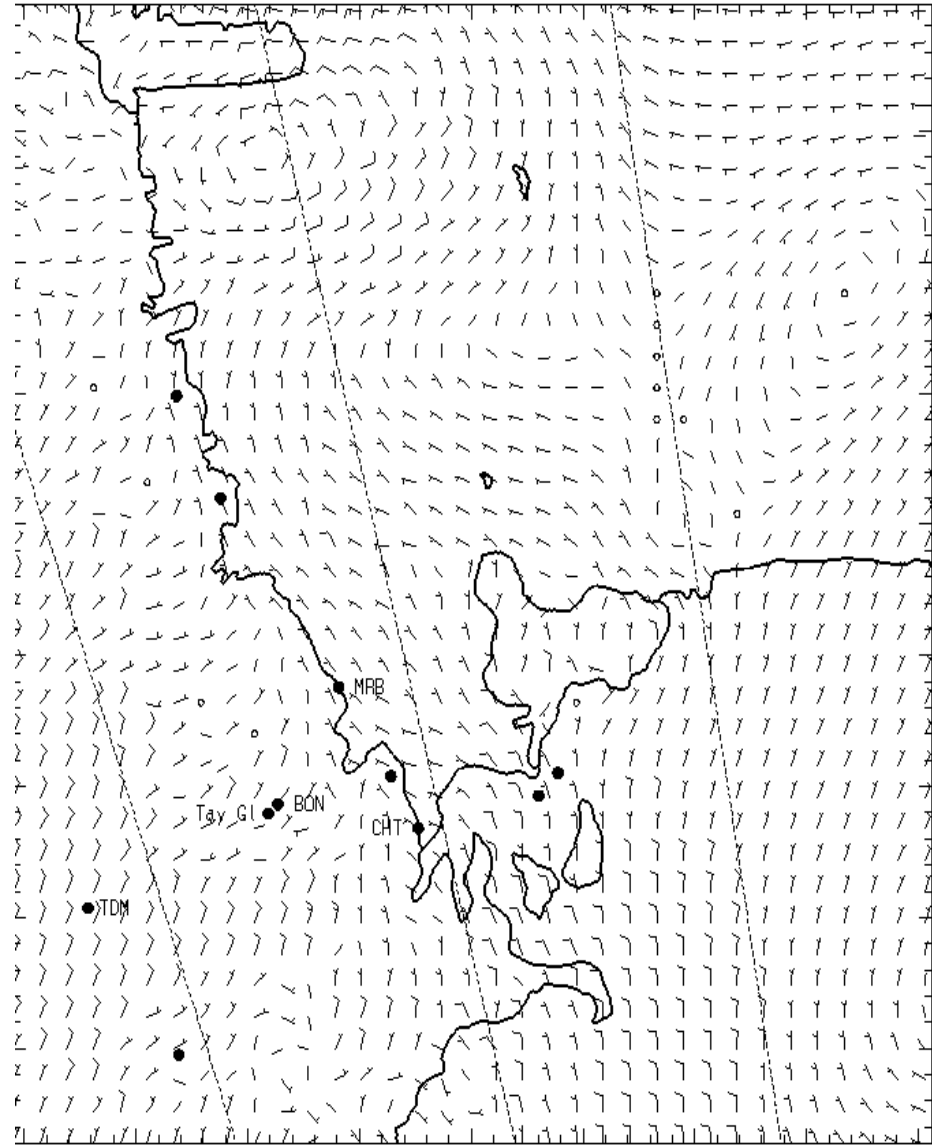


0100L

3,000 ft AGL

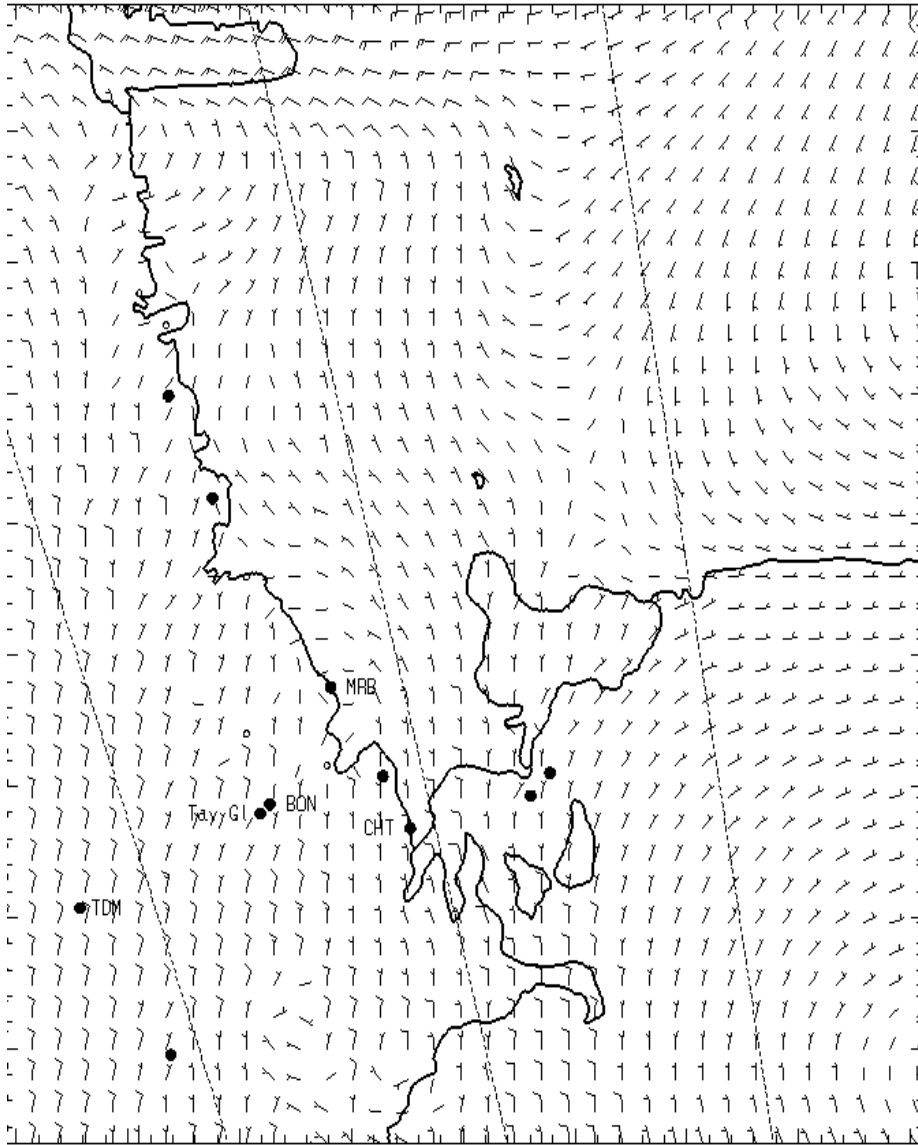


1900L

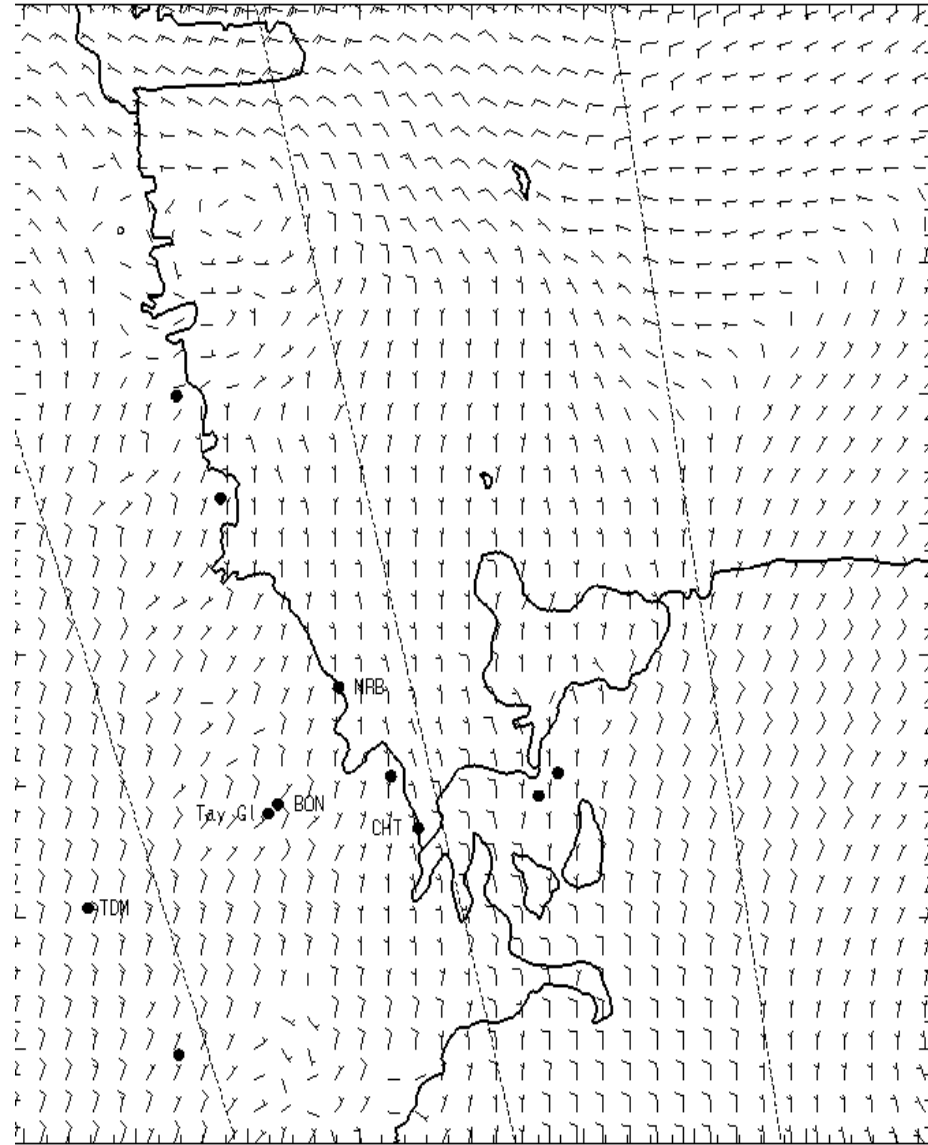


0100L

5,000 ft AGL



1900L



0100L