



Helo Weather

Charleston ROF
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Date (L): Tuesday 21 November 2023

Brief Time (L): 0615

Briefing Number: 11-025

FCSTR: Mark Millen

REGIONAL SUMMARY

A Low circulation on the central ice shelf and higher pressure over Ross Island will provide for favorable conditions across the region for the day missions with stronger winds in the higher elevations. Expect low clouds and light precipitation developing and moving in from McMurdo sound for the night missions.

HAZARDS

Light to moderate turbulence at elevated locations due winds aloft.

Trace of light rime icing developing around the midnight hours as low clouds and light precipitation move in from McMurdo sound.

LATEST MCMURDO OBSERVATION

NZCM 201555Z AUTO 0000KT 9999 CLR M10/M17 A2932 RMK AO2 SLP934 T10961168

RUNWAY TAFS

TAF NZFX 201455Z 2015/2115 (2104/2204NZDT) VRB06KT 9999 FEW009 SCT030 SCT180 QNH2930INS
BECMG 2110/2112 (2123/2201) VRB06KT 1600 -SN BR SCT000 BKN010 QNH2930INS BR SCT000

TAF NZWD 201455Z 2015/2115 (2104/2204NZDT) VRB06KT 9999 FEW009 FEW030 SCT180 QNH2928INS
BECMG 2110/2112 (2123/2201) VRB06KT 1600 -SN BR SCT000 BKN010 QNH2930INS BR SCT000

MCMURDO HELIPAD FORECAST (VALID TIME: 21/0600L - 1800L)

SFC WIND (TRUE): 33008KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW010 FEW030

MIN ALSTG: 29.30INS

HAZARDS: NIL

SITE & AREA FORECASTS (VALID TIME: 21/0600L - 1800L)

BLACK ISLAND

SFC WIND (TRUE): VRB05KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT025

MIN ALSTG: 29.28INS

HAZARDS: NIL

LAKE BONNEY

SFC WIND (TRUE): 25010G15KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT025

MIN ALSTG: 29.16INS

HAZARDS: LGT TURBC SFC-020

MARBLE POINT

SFC WIND (TRUE): VRB05KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW010 SCT030

MIN ALSTG: 29.29INS

HAZARDS: NIL

TAYLOR GLACIER

SFC WIND (TRUE): 24015G25KT, BECMG 27025G35KT AFT 13L

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT015

MIN ALSTG: 29.13INS

HAZARDS: LGT OCNL MDT TURBC SFC-020

FRIIS HILLS

SFC WIND (TRUE): 29010G20KT, BECMG 29015G25KT AFT 13L

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT007

MIN ALSTG: 28.96INS

HAZARDS: LGT OCNL MDT TURBC SFC-020

NIGHT SITE & AREA FORECASTS (VALID TIME: 21/1800L – 22/0600L)

ROSS ICE SHELF

SFC WIND (TRUE): VRB04KT

SFC VISIBILITY (SM): UNRES, BECMG 1 –SN BR AFT 01L

SKY CONDITION (AGL): FEW009 SCT010, BECMG SCT000 BKN009 AFT 01L

MIN ALSTG: 29.27INS

HAZARDS: TRACE OF RIME ICG 009-030 AFT 01L

SCOTT BASE (PR)

SFC WIND (TRUE): VRB05KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT010, BECMG BKN010 AFT 01L

MIN ALSTG: 29.26INS

HAZARDS: TRACE OF RIME ICG 010-030 AFT 01L

CAPE EVANS

SFC WIND (TRUE): VRB05KT

SFC VISIBILITY (SM): UNRES, BECMG 1-SN BR AFT 23L

SKY CONDITION (AGL): SCT015, BECMG BKN010 AFT 23L

MIN ALSTG: 29.26INS

HAZARDS: TRACE OF RIME ICG 010-030 AFT 23L

DELBRIDGE ISLANDS

SFC WIND (TRUE): VRB05KT

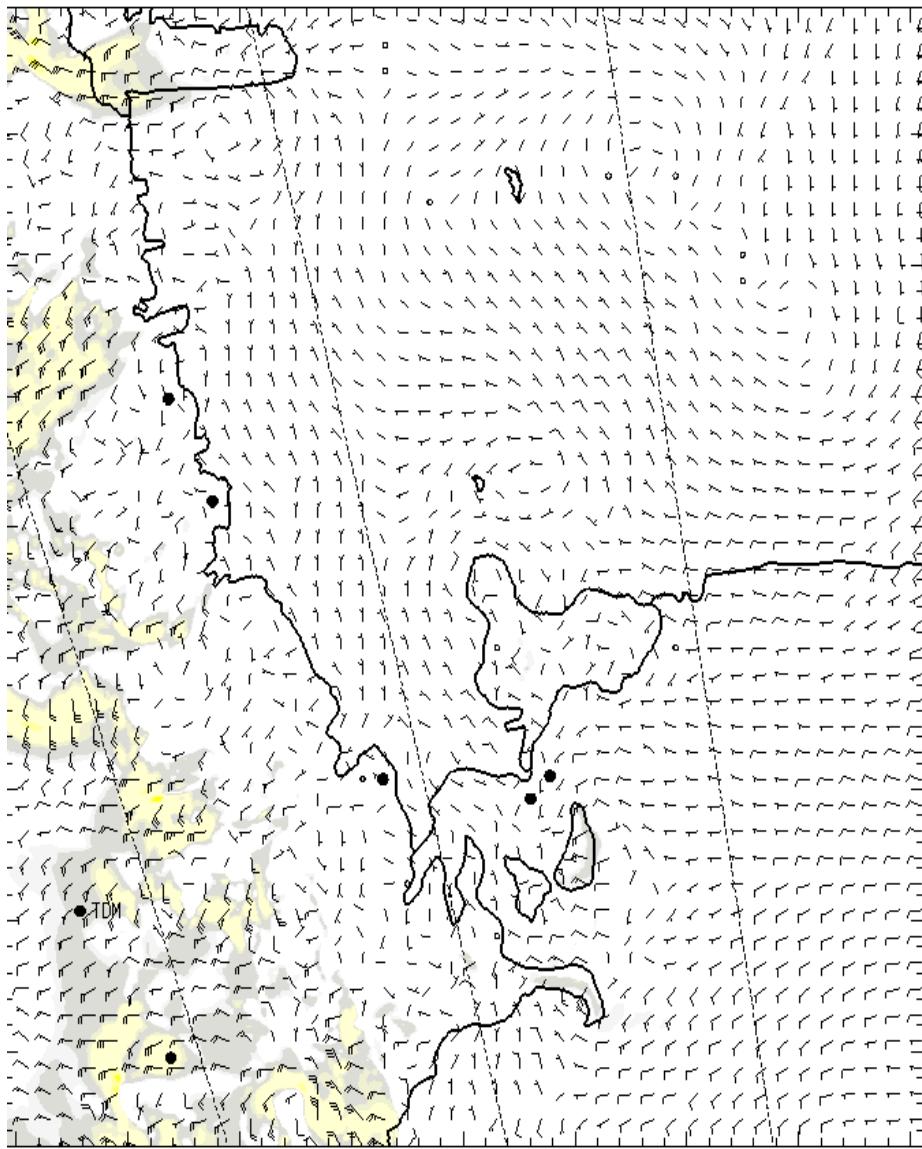
SFC VISIBILITY (SM): UNRES, BECMG 1-SN BR AFT 22L

SKY CONDITION (AGL): SCT015, BECMG BKN010 AFT 22L

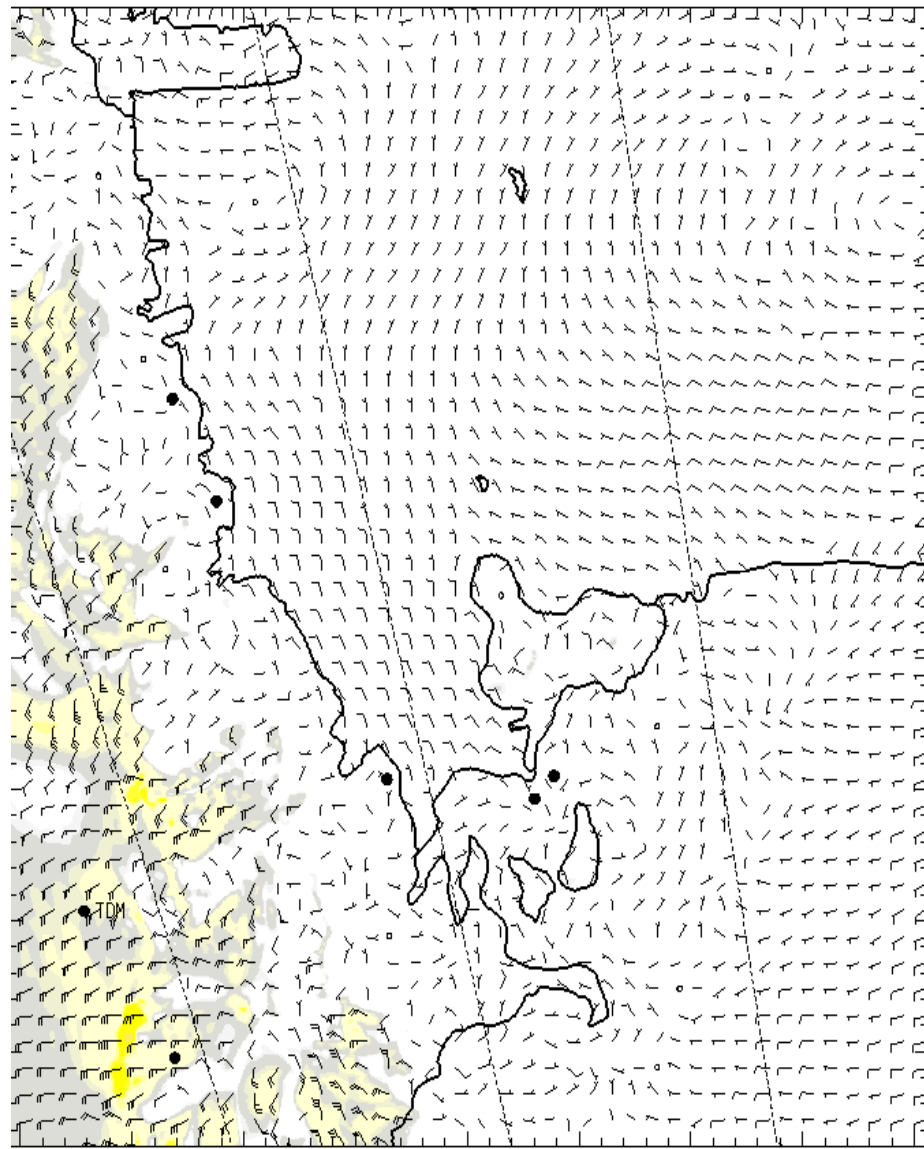
MIN ALSTG: 29.28INS

HAZARDS: TRACE OF RIME ICG 010-030 AFT 22L

SFC

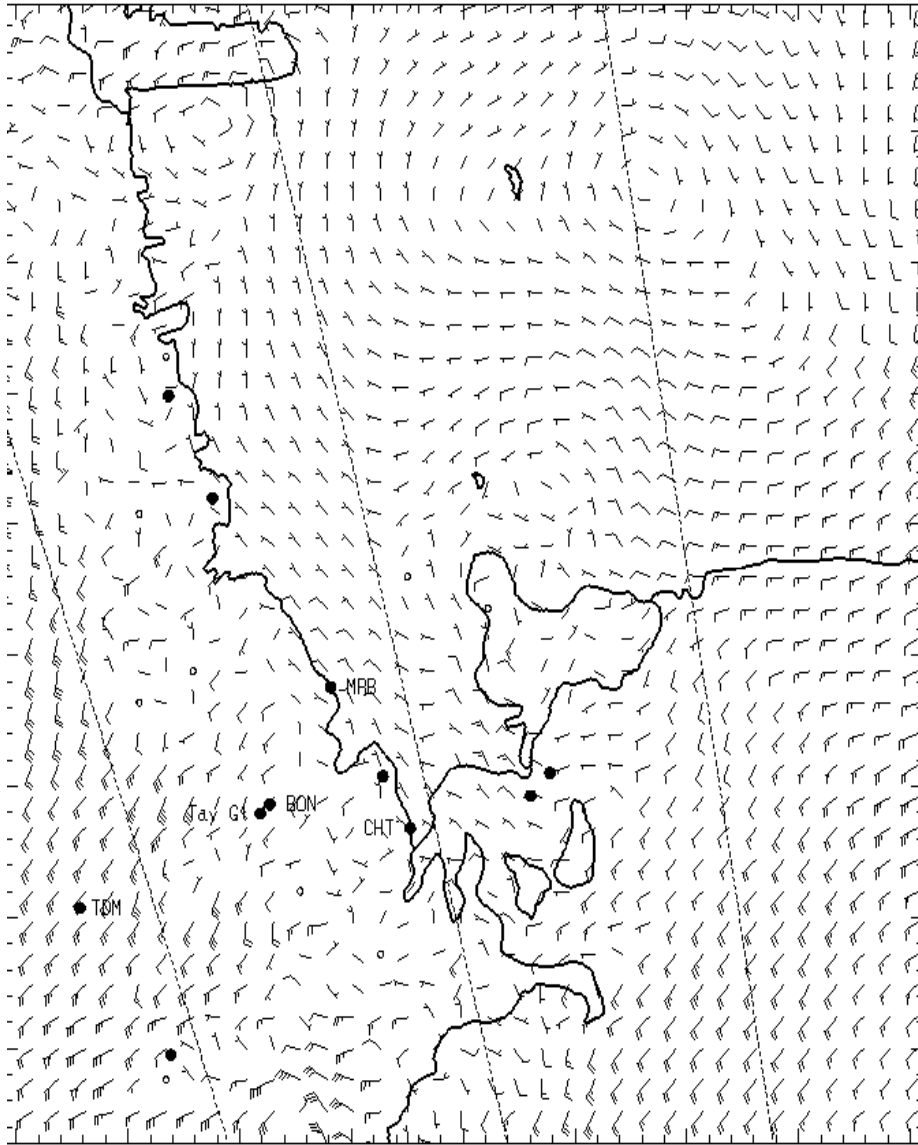


0700L

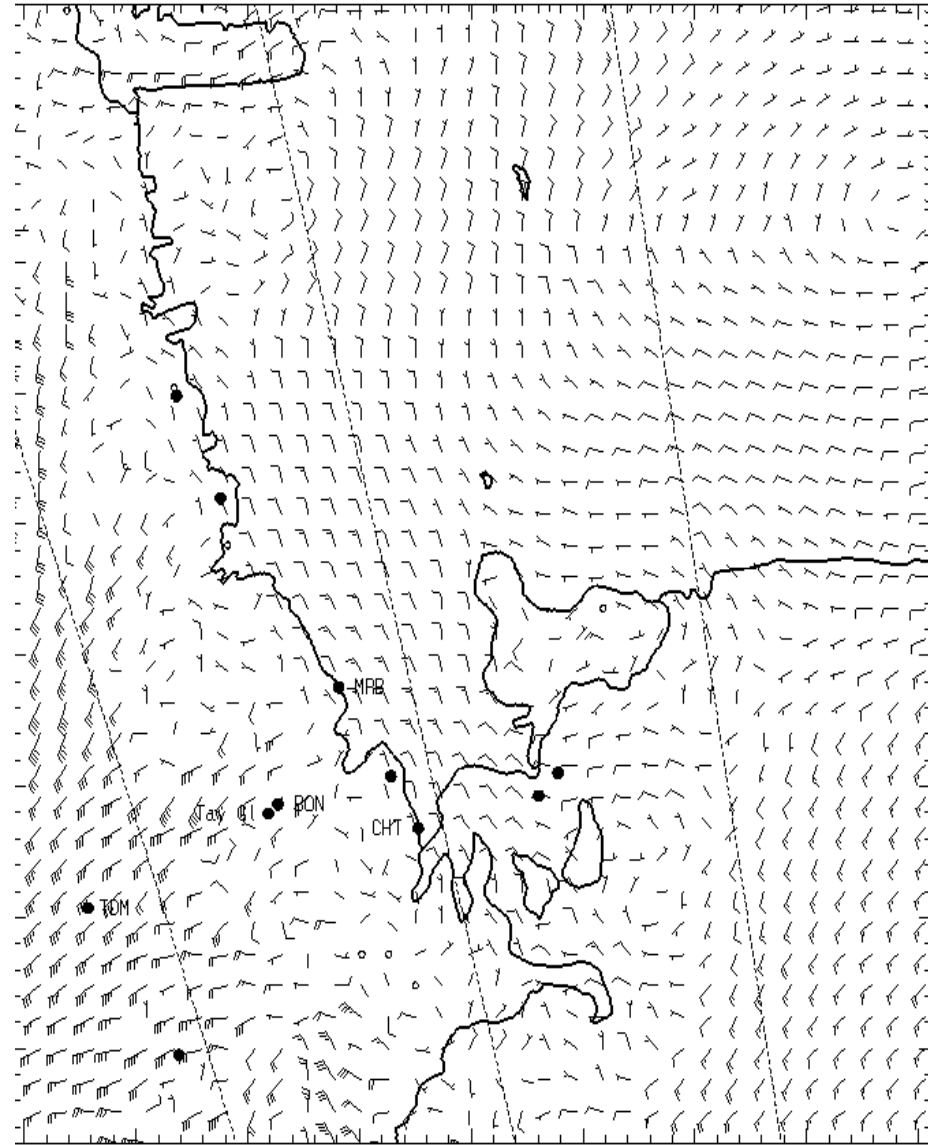


1300L

1,000 ft AGL

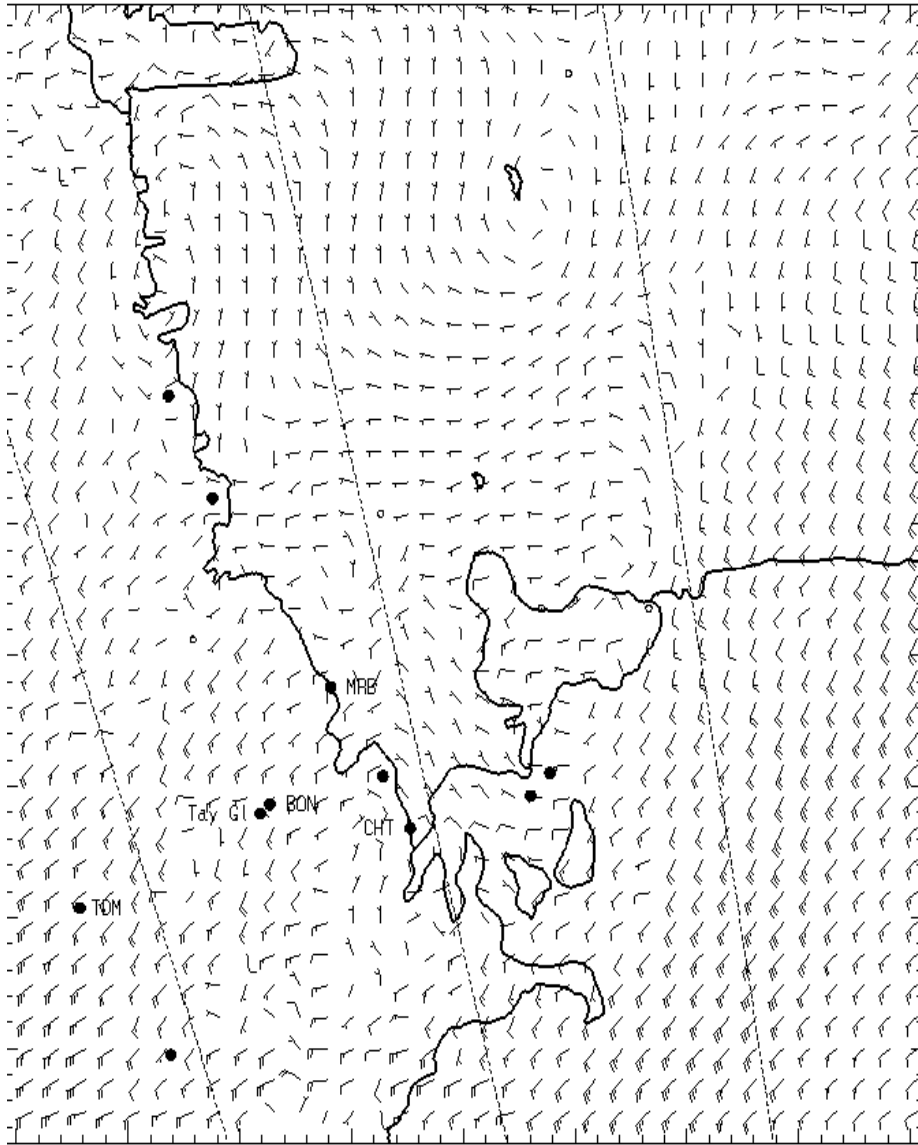


0700L

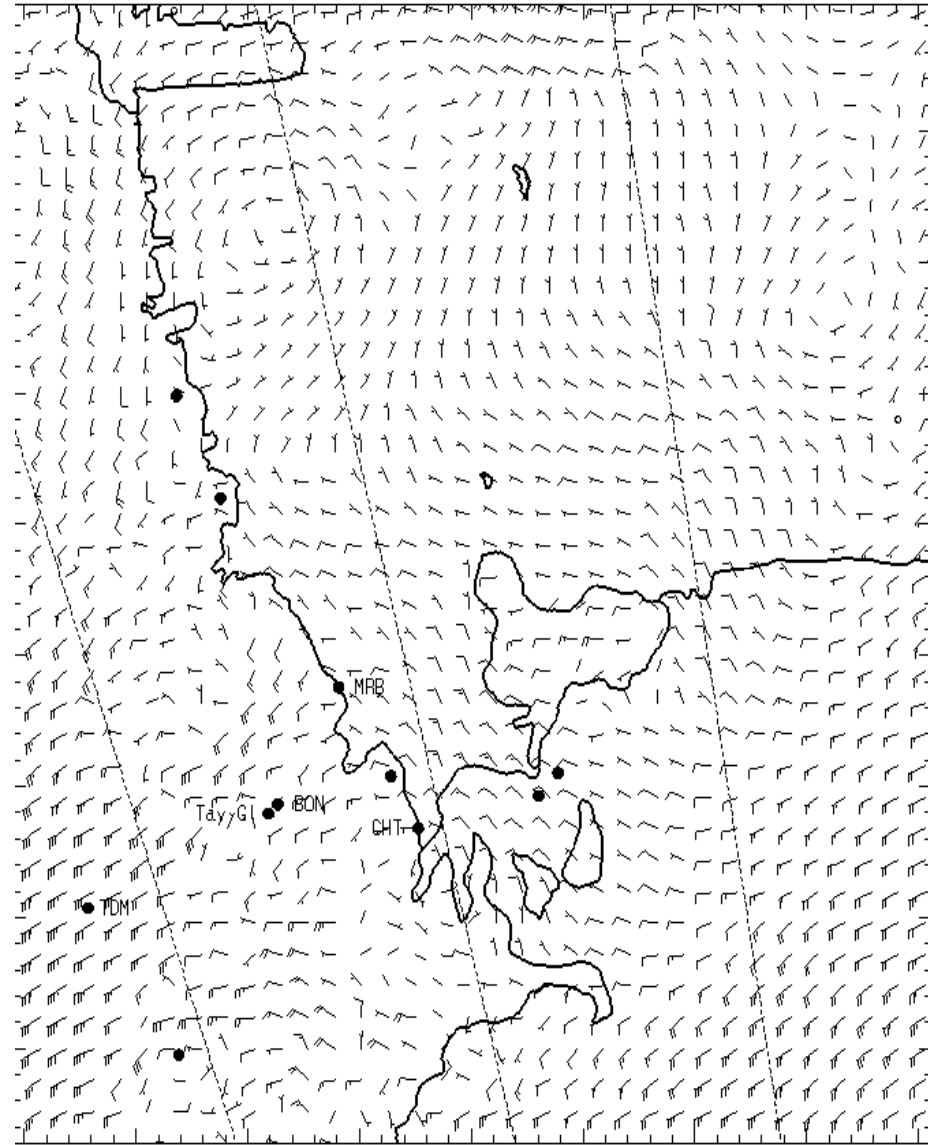


1300L

3,000 ft AGL

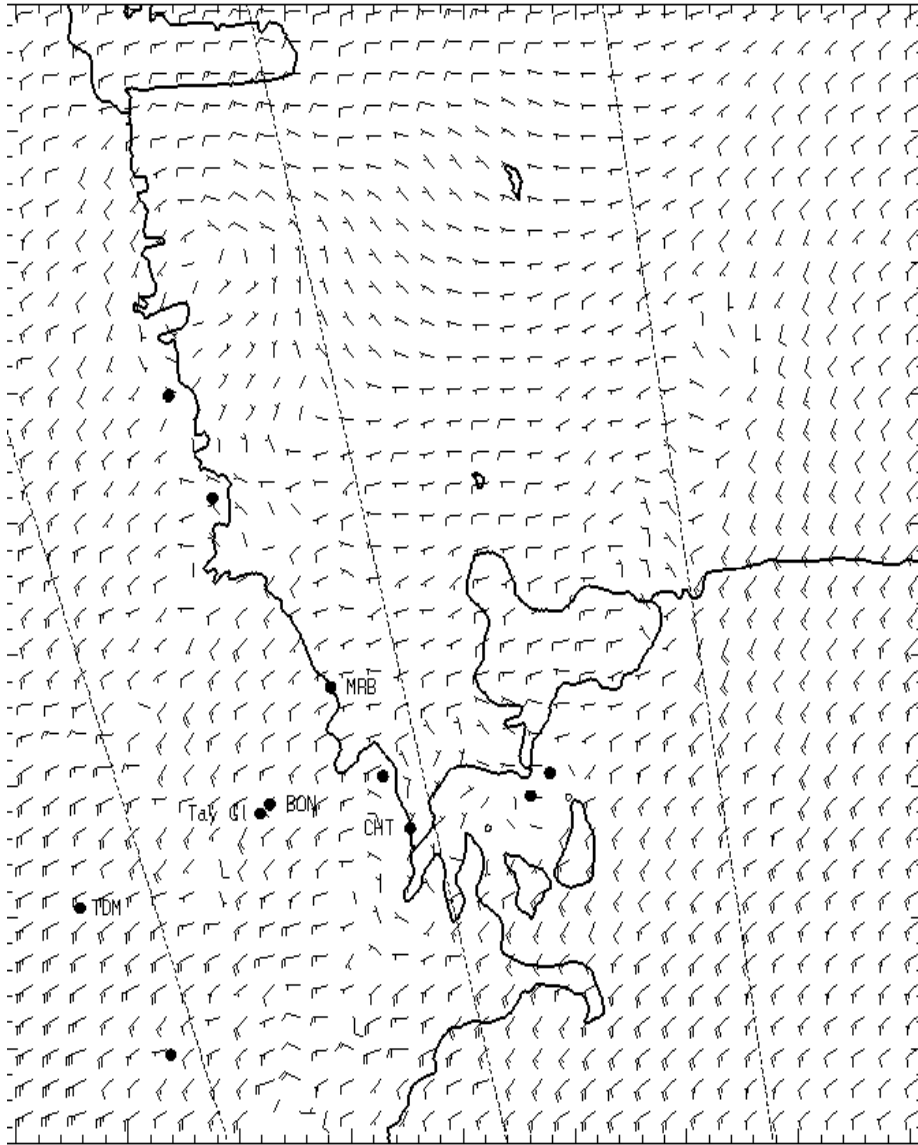


0700L

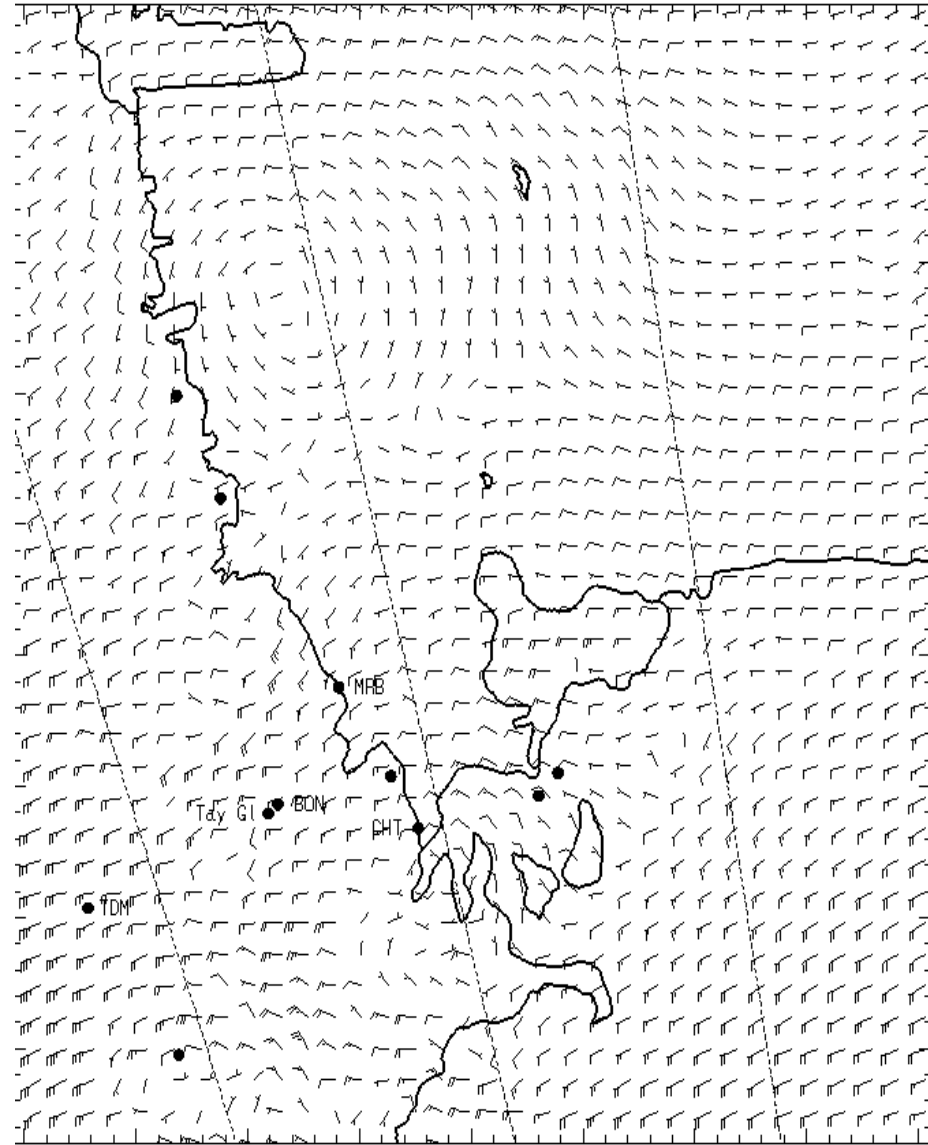


1300L

5,000 ft AGL



0700L



1300L