



Helo Weather

Charleston ROF
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Date (L): 28 JAN 2026

Brief Time (L): 0600L

Briefing Number: 01-035

FORECASTER: Chris Dunstone

REGIONAL SUMMARY

A low-pressure system positioned south of the region is driving southerly winds northward into our area. This interacts with the local topography around Ross Island: winds typically flow around White Island and Hut Point Peninsula before continuing north into the Ross Sea. As a result, the classic pattern of northeasterly winds dominates across most of Ross Island and surrounding areas. Cloud cover is expected to remain mostly low to mid-level through the period, with widespread (but not necessarily thick) cloudiness in most locations.

HAZARDS

Light to occasional moderate turbulence may be expected in and around some of the higher terrain areas with the stronger gusty winds, when present.

LATEST MCMURDO OBSERVATION (AUTO OBS)

METAR NZCM 271455Z AUTO 09011KT 9999 OVC150 M05/M14 A2903 RMK AO2 SLP835 T10501137 57004=

RUNWAY TAFS

TAF NZFX 271457Z 2715/2815 (2804/2904NZDT) 07014KT 9999 FEW030 SCT090 BKN150 QNH2904INS GRID24014KT
BECMG 2800/2802 (2813/2815NZDT) 19015G25KT 9999 SCT030 BKN080 BKN120 510003 QNH2903INS
GRID36015G25KT

TAF NZWD 271457Z 2715/2815 (2804/2904NZDT) 04012KT 9999 FEW030 SCT090 BKN150 QNH2904INS GRID21012KT
BECMG 2800/2802 (2813/2815NZDT) 16015G25KT 9999 SCT030 BKN080 BKN140 510003 QNH2905INS
GRID33015G25KT

MCMURDO HELIPAD FORECAST (VALID TIME: 28/0600L - 1800L)

SFC WIND (TRUE): 05015G20KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT030 BKN080 BKN120

MIN ALSTG: 29.01INS

HAZARDS: LGT TURB SFC-020

SITE & AREA FORECASTS (VALID TIME: 28/0600L - 1800L)

BLACK ISLAND

SFC WIND (TRUE): 18020G30KT
SFC VISIBILITY (SM): UNRES DRSN
SKY CONDITION (AGL): BKN070
MIN ALSTG: 29.00INS
HAZARDS: LGT TURB SFC-030

LAKE HOARE

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): BKN070
MIN ALSTG: 29.00INS
HAZARDS: NIL

NEW HARBOR

SFC WIND (TRUE): VRB04KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): BKN070
MIN ALSTG: 29.00INS
HAZARDS: NIL

MT NEWALL

SFC WIND (TRUE): VRB04KT
SFC VISIBILITY (SM): UNRES, 2 BR AFT 16L
SKY CONDITION (AGL): BKN070, SCT001 BKN070 AFT 16L
MIN ALSTG: 28.67INS
HAZARDS: NIL

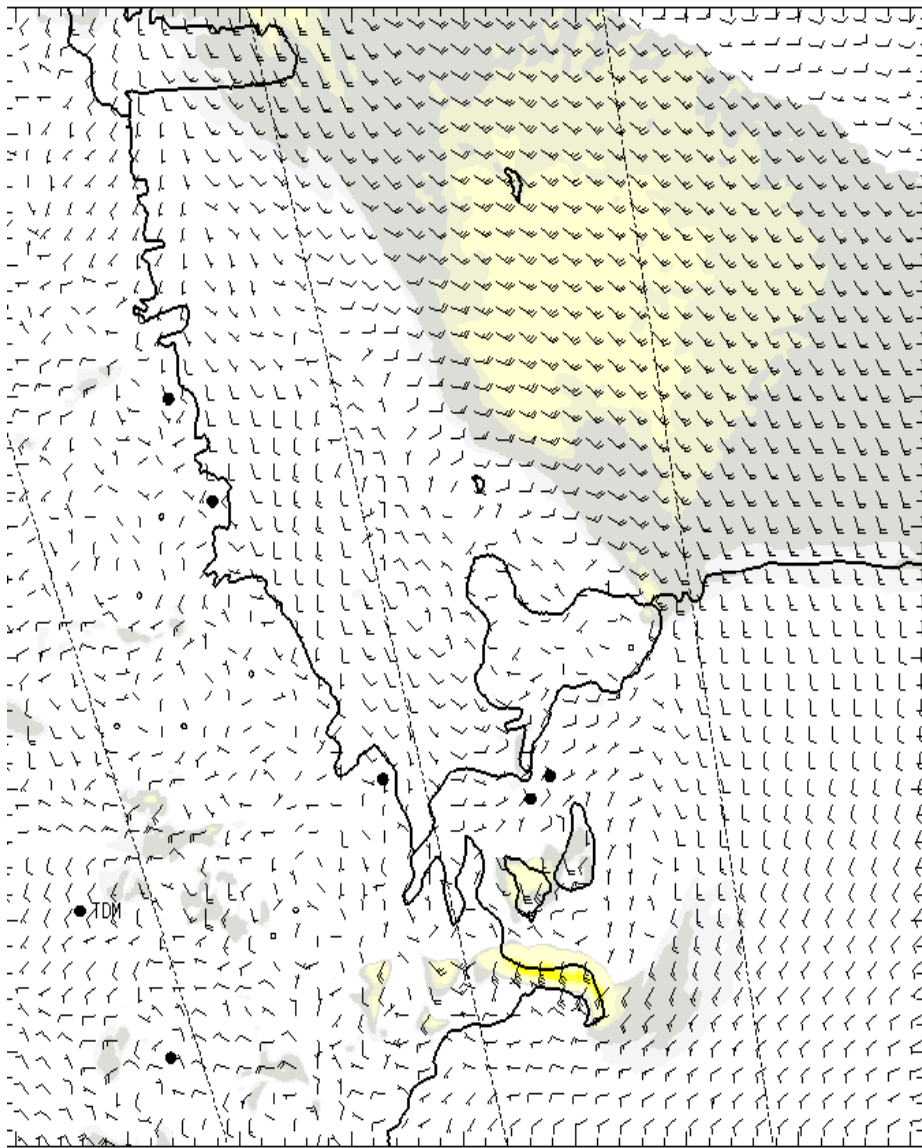
MARBLE POINT

SFC WIND (TRUE): 17008KT, 11006KT AFT 12L
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): BKN050
MIN ALSTG: 29.05INS
HAZARDS: NIL

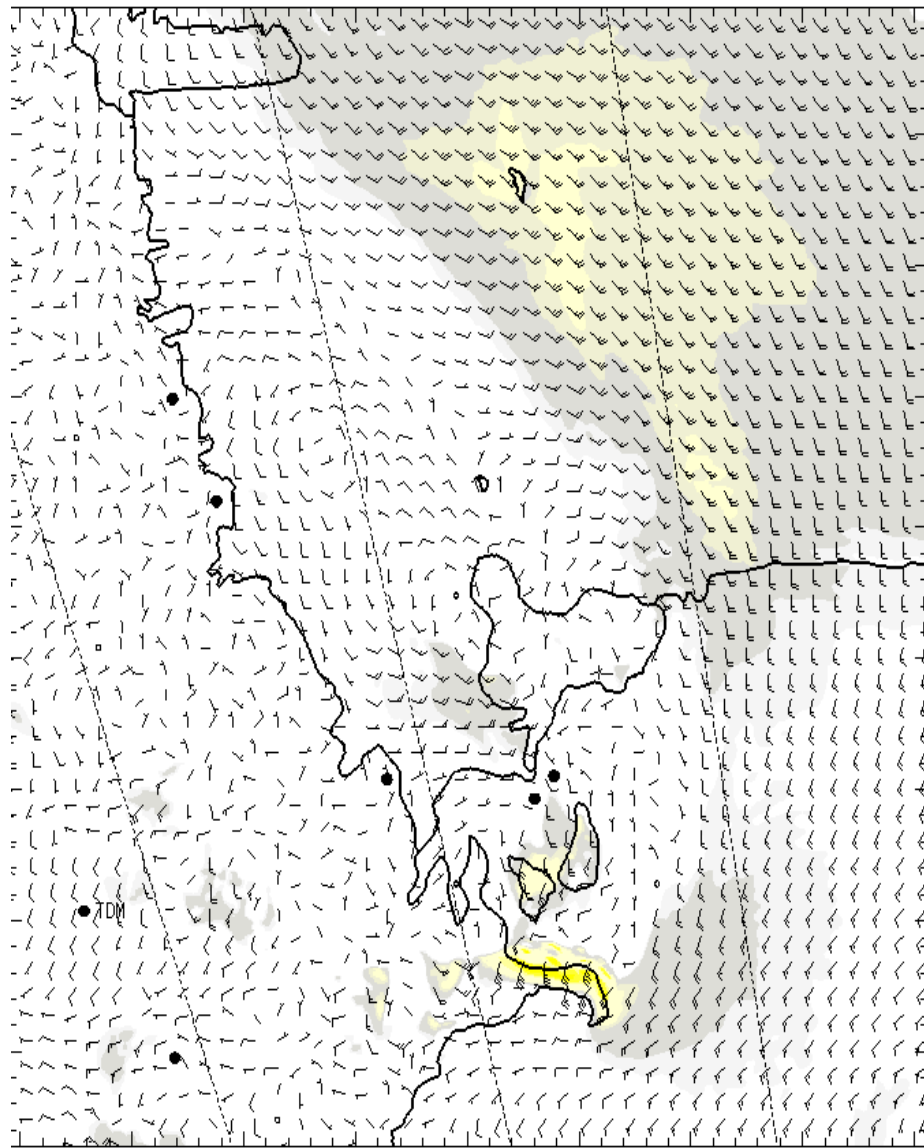
CAPE CROZIER

SFC WIND (TRUE): 28015G20KT
SFC VISIBILITY (SM): UNRES DRSN, BECMG 4 BR DRSN AFT 12L
SKY CONDITION (AGL): BKN040, FEW005 BKN040, AFT 12L
MIN ALSTG: 29.05INS
HAZARDS: LGT TURB SFC-020

SFC

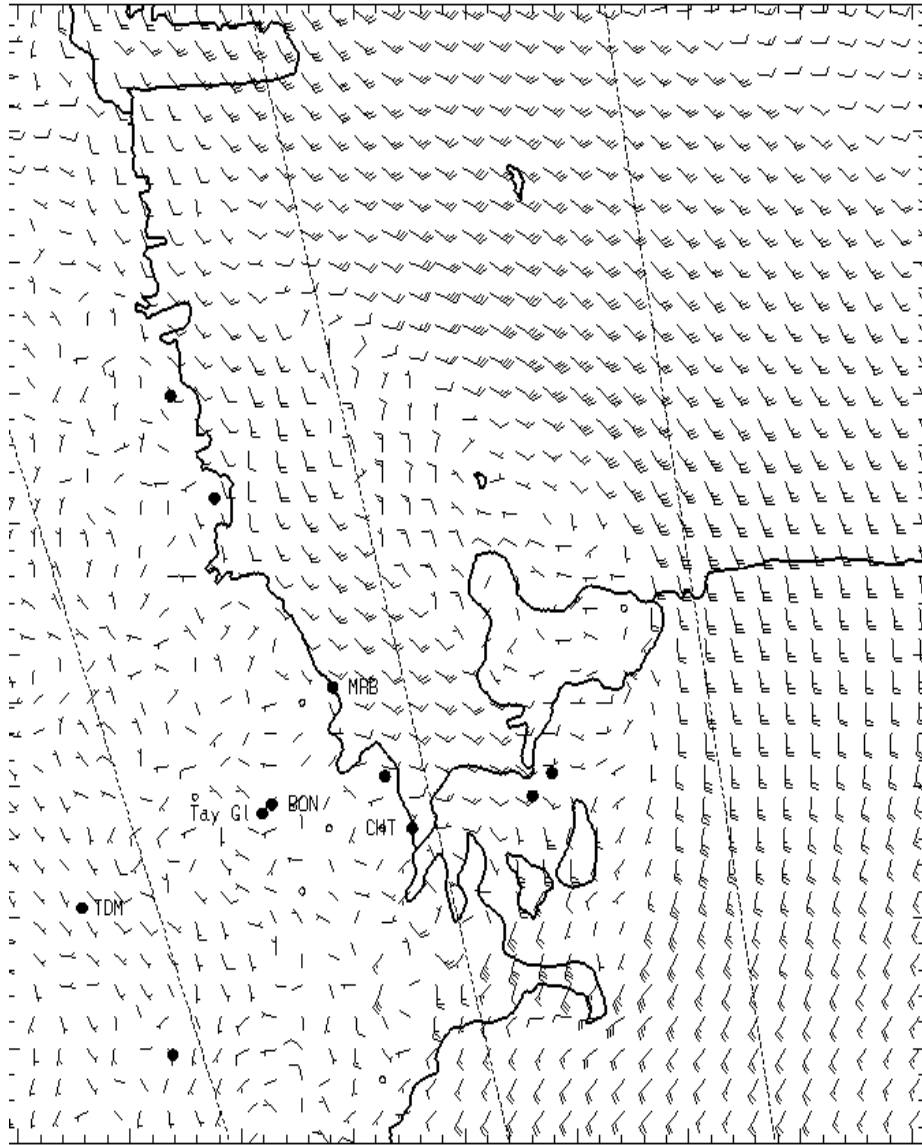


0700L

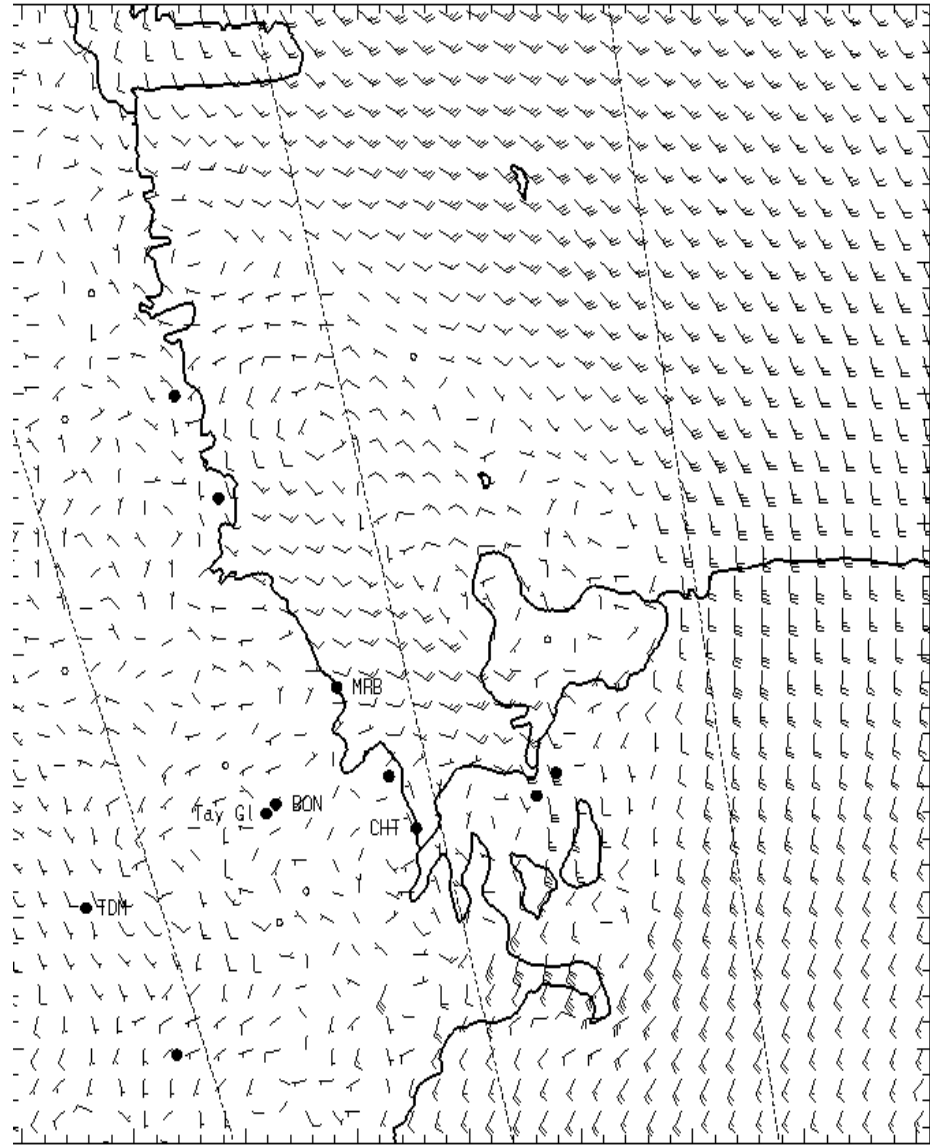


1300L

1,000 ft AGL

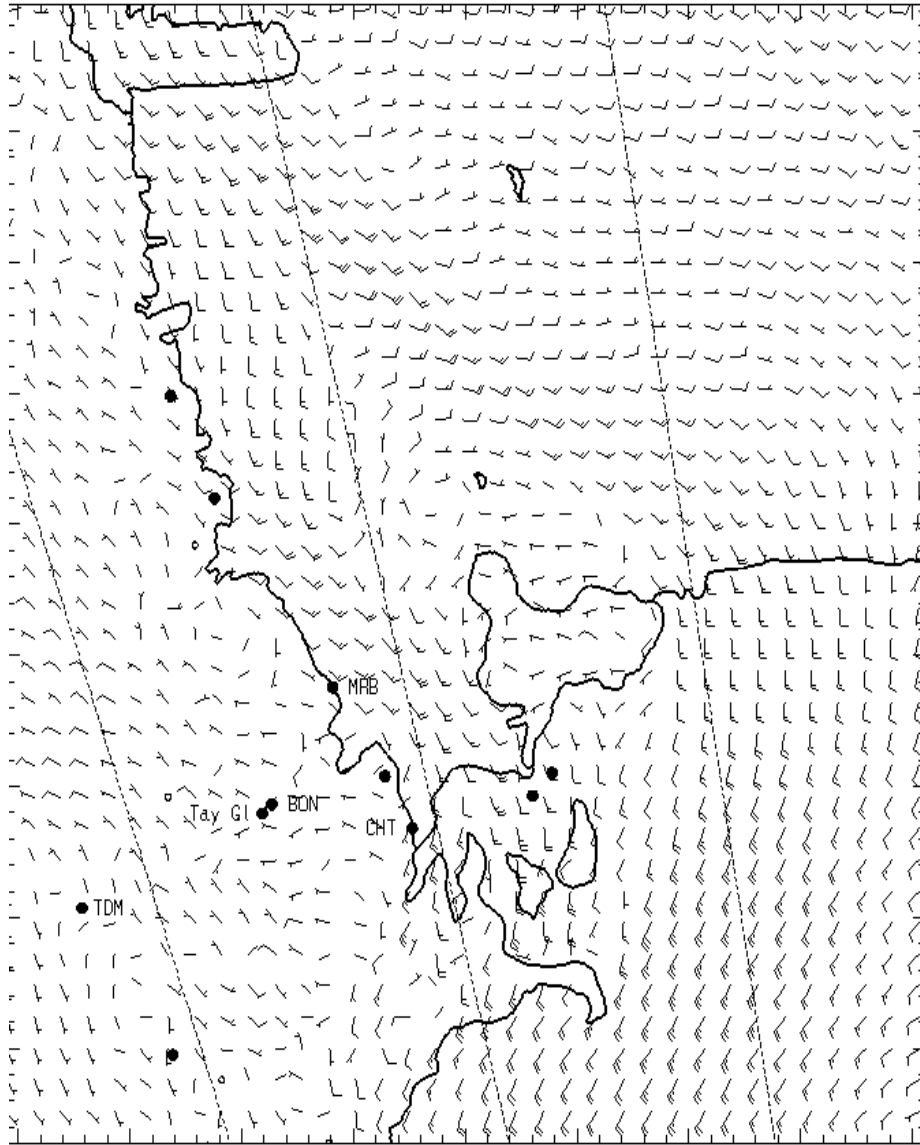


0700L

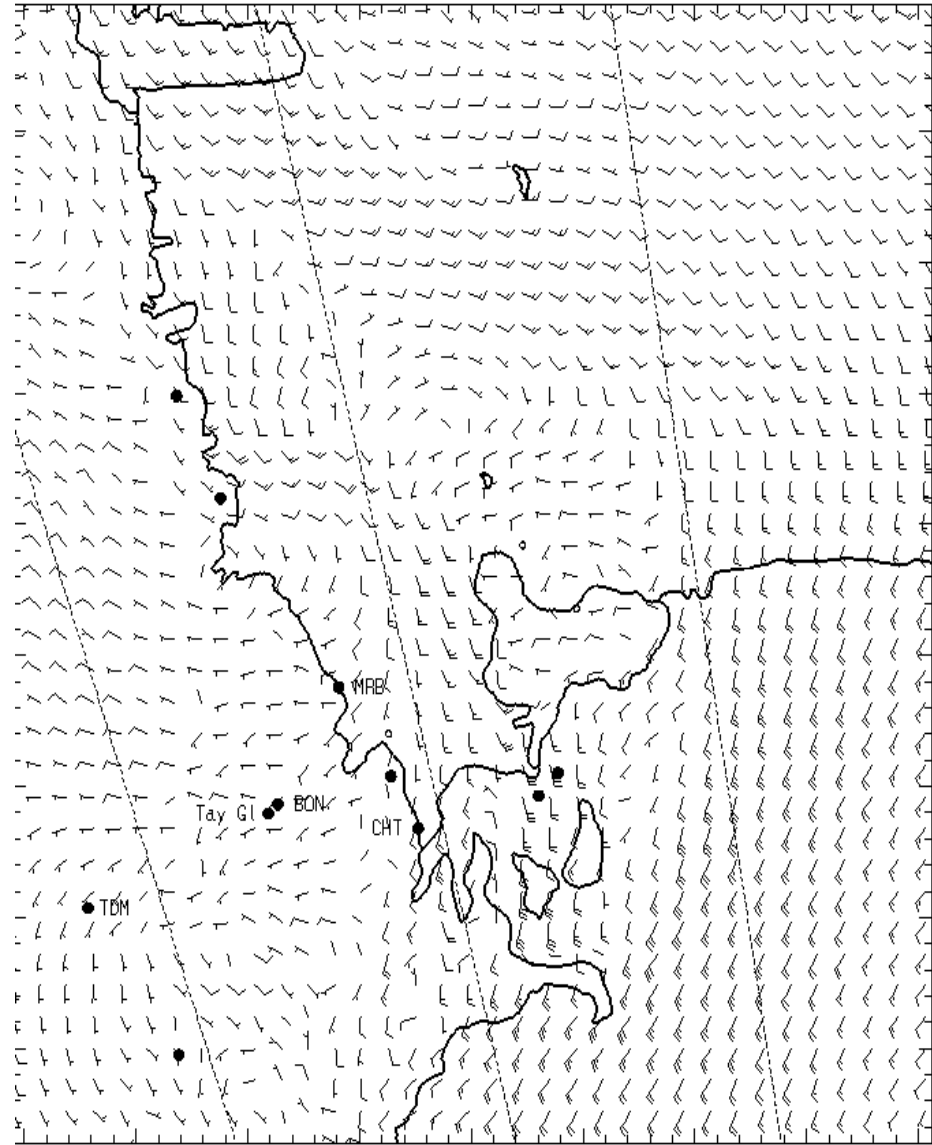


1300L

3,000 ft AGL

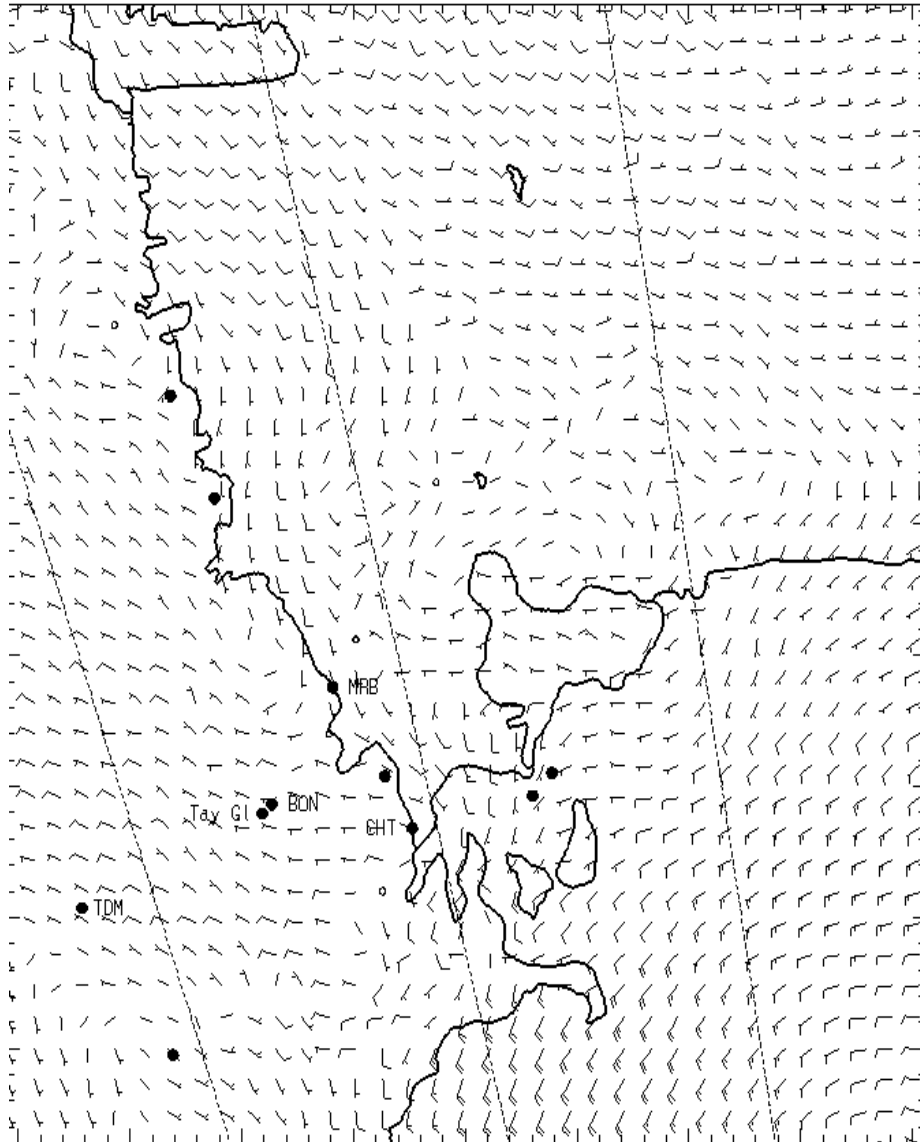


0700L

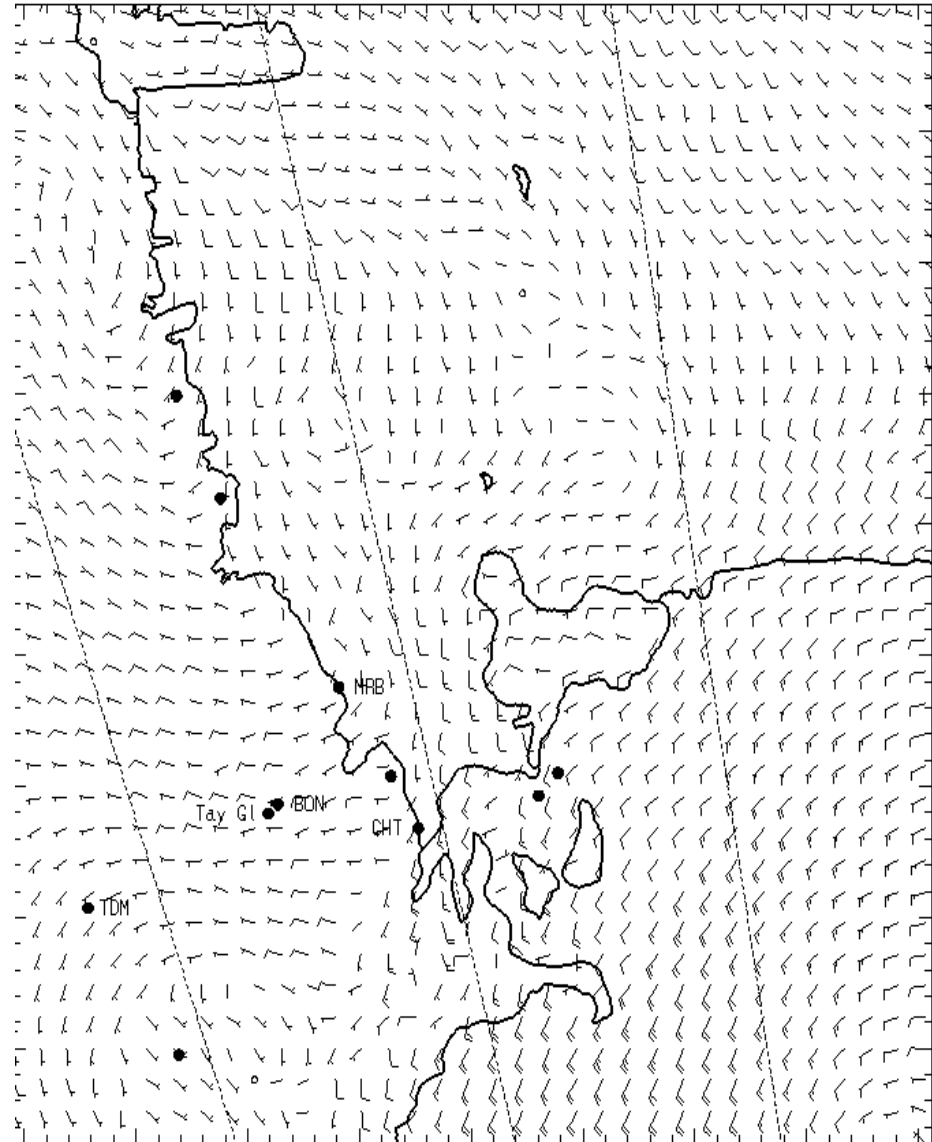


1300L

5,000 ft AGL



0700L



1300L