



Helo Weather

Charleston ROF
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Date (L): Saturday 30 December 2023

Brief Time (L): 1040

Briefing Number: 12-026

FCSTR: Alan Stratton

REGIONAL SUMMARY

A BROAD AREA OF LOW PRESSURE ALOFT OVER THE CENTRAL ICE SHELF, IS UPPOINTING WEAK SURFACE LOW PRESSURE CIRCULATIONS OVER THE WESTERN ROSS SEA AND THE CENTRAL ICE SHELF, PRODUCING WIDESPREAD MID-LEVEL CLOUDINESS OVER MCMURDO SOUND AND THE NORTHWEST ICE SHELF. RIDGING OVER VICTORIALAND IS PRODUCING PARTLY CLOUDY TO CLEAR SKIES WITH GUSTY WINDS OVER THE NORTHERN TRANSANTARCTIC VALLEYS.

HAZARDS

AREAS OF LIGHT TO OCNL MODERATE TURBULENCE OVER THE PRIESTLY GLACIER REGION. LIGHT TO OCNL MDT RIME ICG IN THE CAP CLOUD OVER EREBUS. OTHERWISE, NIL ALL AOTHER REGIONS.

LATEST MCMURDO OBSERVATION

METAR ZCMA 291655Z AUTO 31009G15KT 280V350 9999 OVC080 M03/M13 A2877 RMK AO2 SLP746 GRID12009G15KT 090V160=

RUNWAY TAF

TAF NZWD 291457Z 2915/3015 (3004/3104NZDT) 30008KT 9999 SCT025 BKN060 BKN100 QNH2874INS WND VRB06KT AFT 3002 GRID11008KT

MCMURDO HELIPAD FORECAST (VALID TIME: 30/0600L - 1800L)

SFC WIND (TRUE): 31011G17KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): BKN075 BKN110. BECMG OVC060 AFT 15L

MIN ALSTG: 28.76INS

HAZARDS: NIL

SITE & AREA FORECASTS (VALID TIME: 30/0600L - 1800L)

MARBLE POINT

SFC WIND (TRUE): 35007KT

SFC VISIBILITY (SM): UNRES. TEMPO 2-4 BR FM 06-11L

SKY CONDITION (AGL): BKN100

MIN ALSTG: 28.77INS

HAZARDS: NIL

LOWER EREBUS HUT

SFC WIND (TRUE): 34010KT
SFC VISIBILITY (SM): < ½ - 1 IC BR
SKY CONDITION (AGL): BKN002 (LOCATION IN FL100 CLOUD LAYER)
MIN ALSTG: 28.10INS
HAZARDS: NIL

UPPER EREBUS APPLE

SFC WIND (TRUE): VRB05KT
SFC VISIBILITY (SM): < ½ - 1 IC BR
SKY CONDITION (AGL): VV001 (LOCATION IN FL100 CLOUD LAYER)
MIN ALSTG: 28.00INS
HAZARDS: OCNL MDT RIME ICG SFC-020

WINDLESS BIGHT

SFC WIND (TRUE): VRB05KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): FEW025 BKN080 BKN100
MIN ALSTG: 28.74INS
HAZARDS: NIL

WATER TRACK B

SFC WIND (TRUE): 06007KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): FEW110. BECMG SCT055 BKN080 AFT 15L
MIN ALSTG: 28.71INS
HAZARDS: NIL

MZS

SFC WIND (TRUE): 29016KT. BECMG VRB07KT FM 11-16L. BECMG 32015KT AFT 16L
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): FEW 110
MIN ALSTG: 28.83INS
HAZARDS: NIL

THERM PROMONTORY

SFC WIND (TRUE): 34025G40KT
SFC VISIBILITY (SM): 1-2 BLSN
SKY CONDITION (AGL): FEW040
MIN ALSTG: 28.35INS
HAZARDS: MDT TURBC SFC-030

UPPER PRIESTLY GL

SFC WIND (TRUE): 32015KT. TEMPO 33017G25KT

SFC VISIBILITY (SM): UNRES DRSN. TEMPO 6000 BLSN

SKY CONDITION (AGL): FEW030

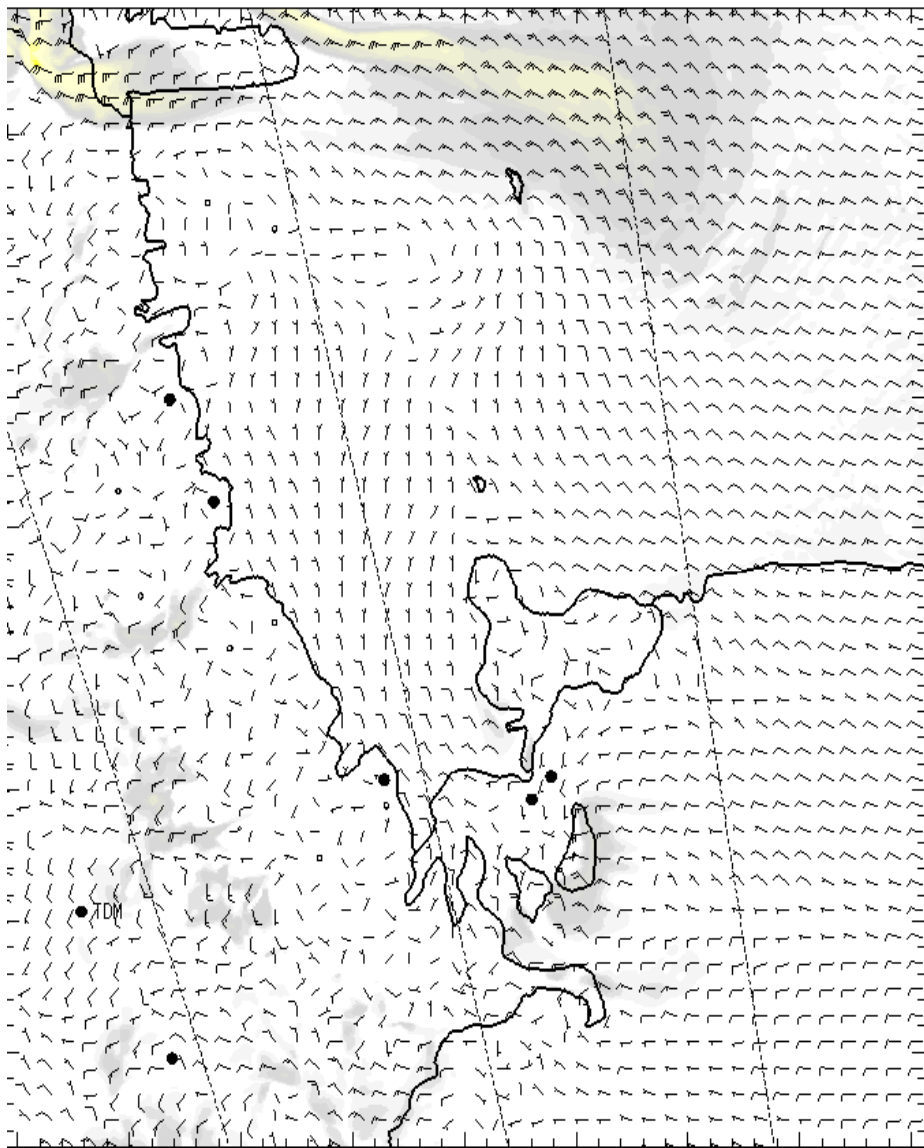
MIN ALSTG: 28.42INS

HAZARDS: OCNL LGT TURBC SFC-030

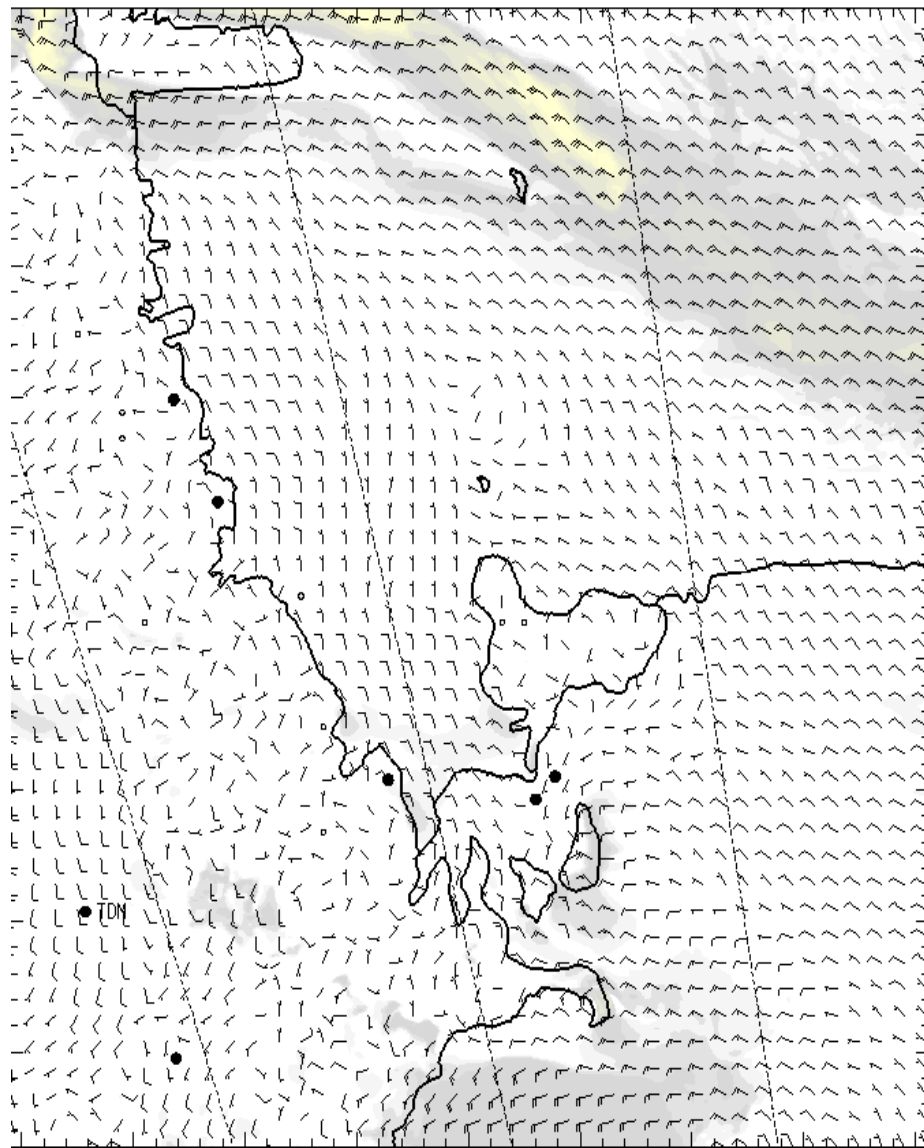
NIGHT SITE & AREA FORECASTS (VALID TIME: 30/1800L – 31/0600L)

NIL

SFC

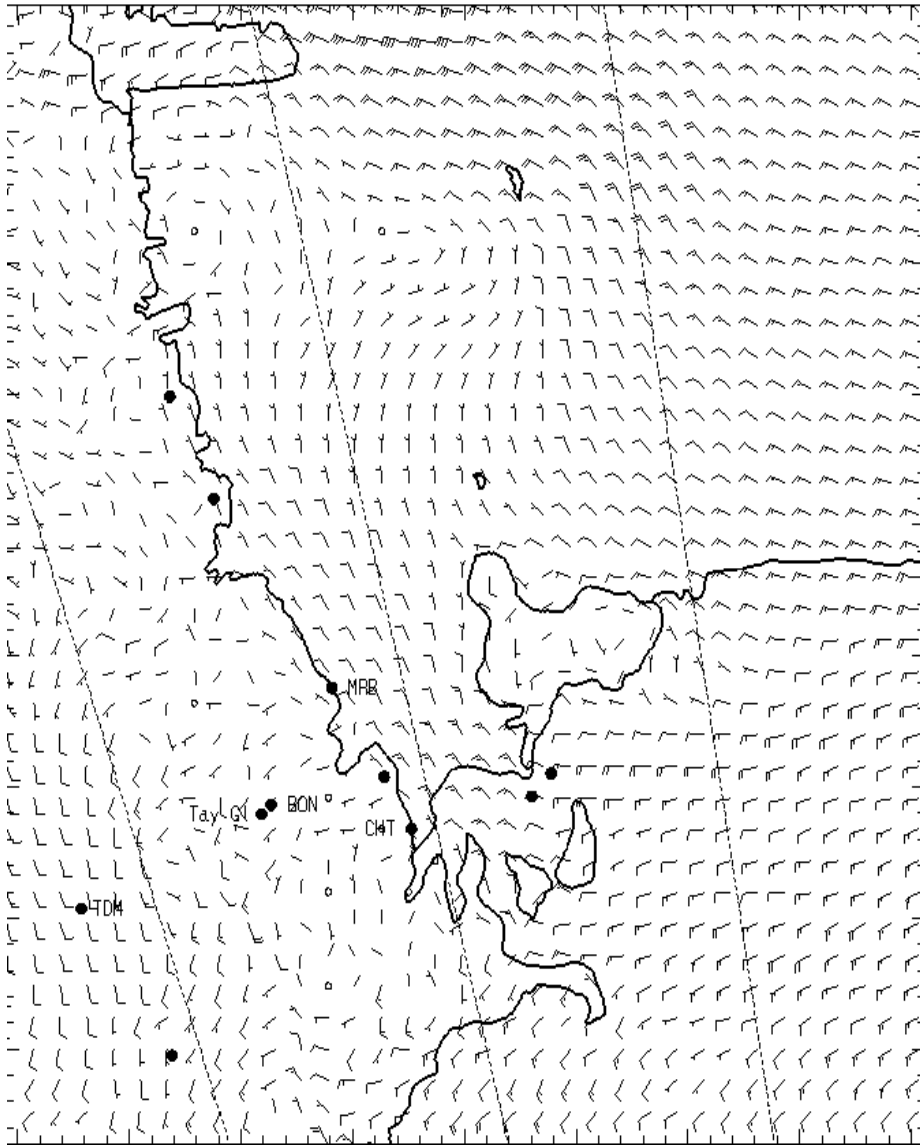


0700L

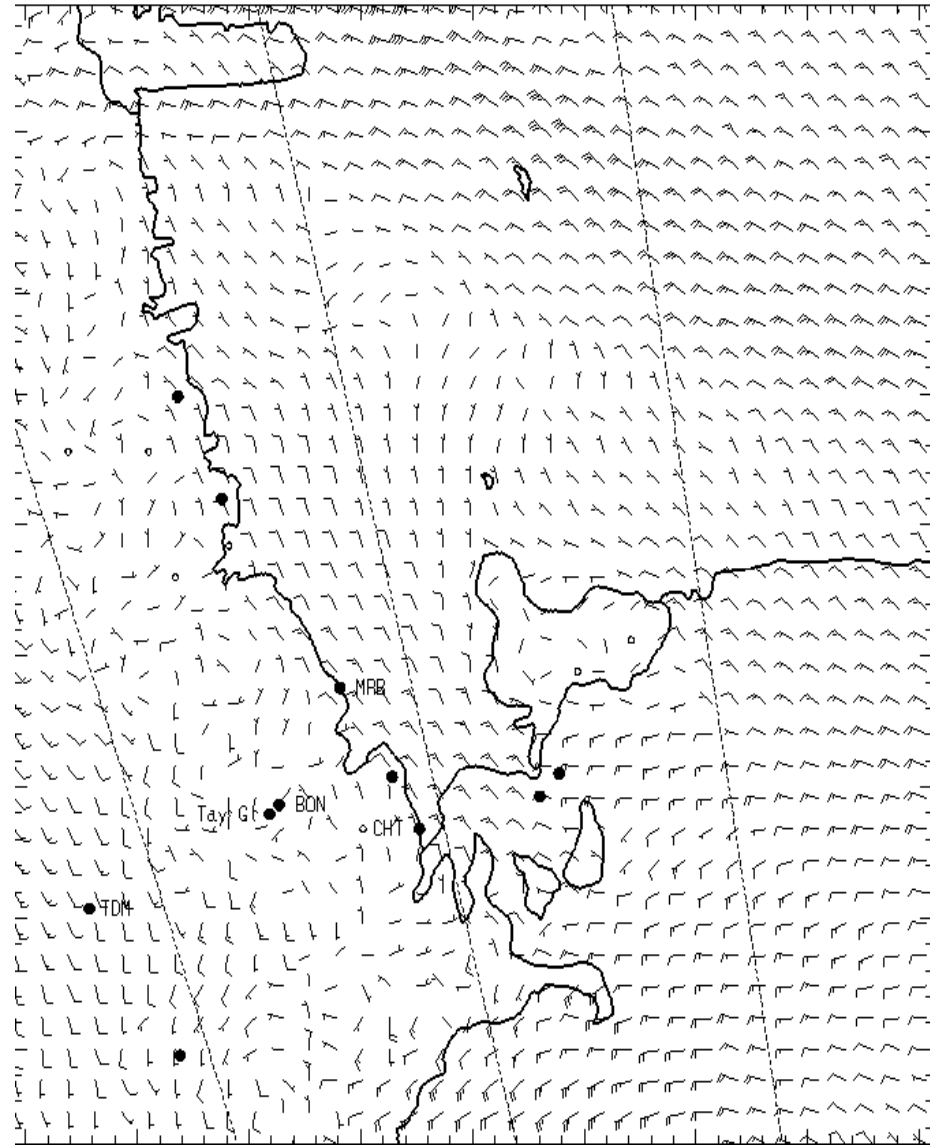


1300L

1,000 ft AGL

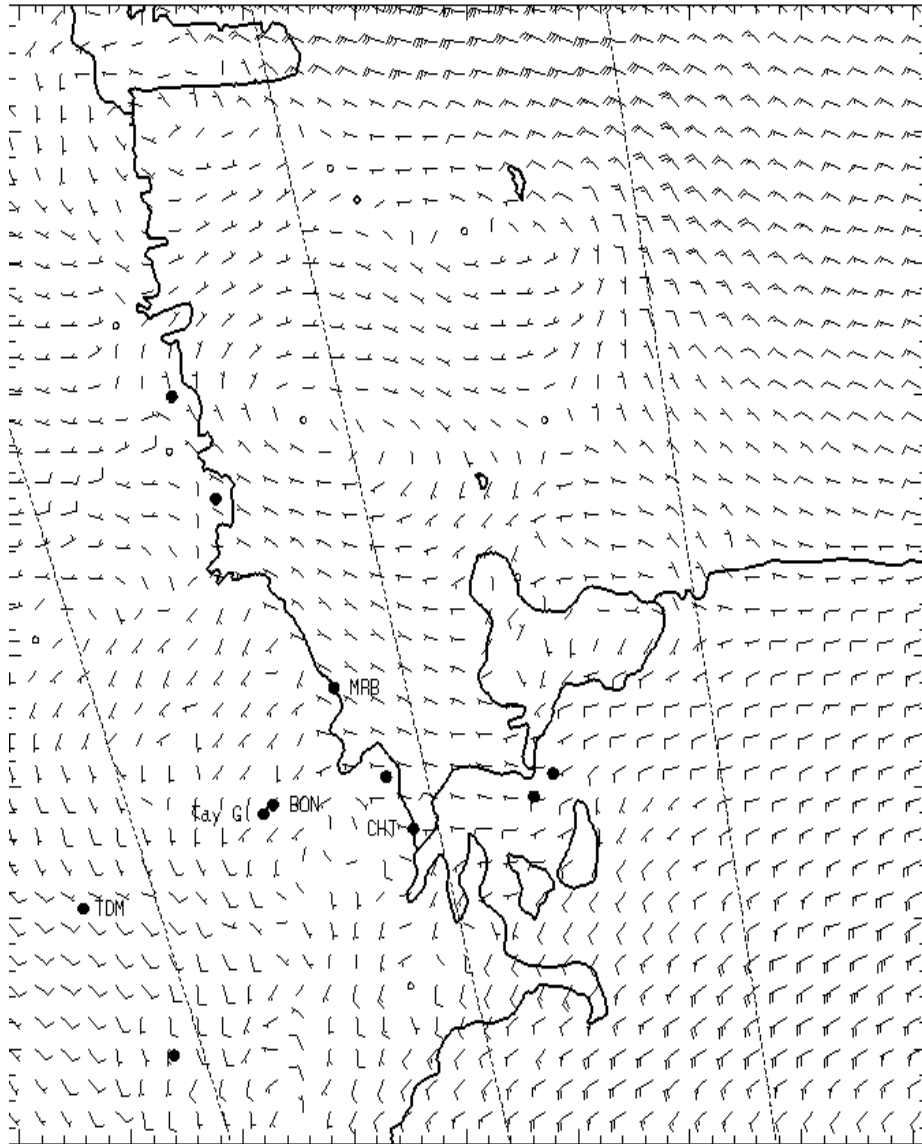


0700L

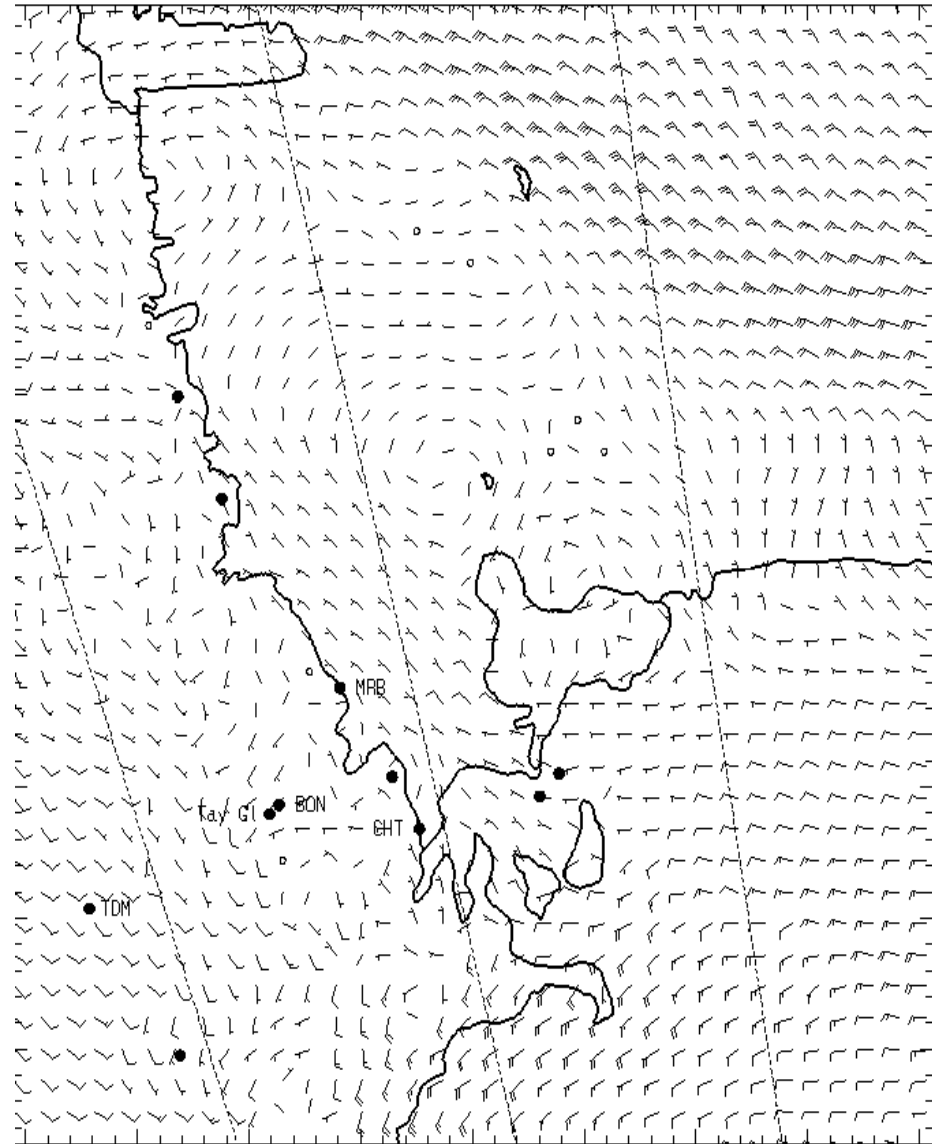


1300L

3,000 ft AGL

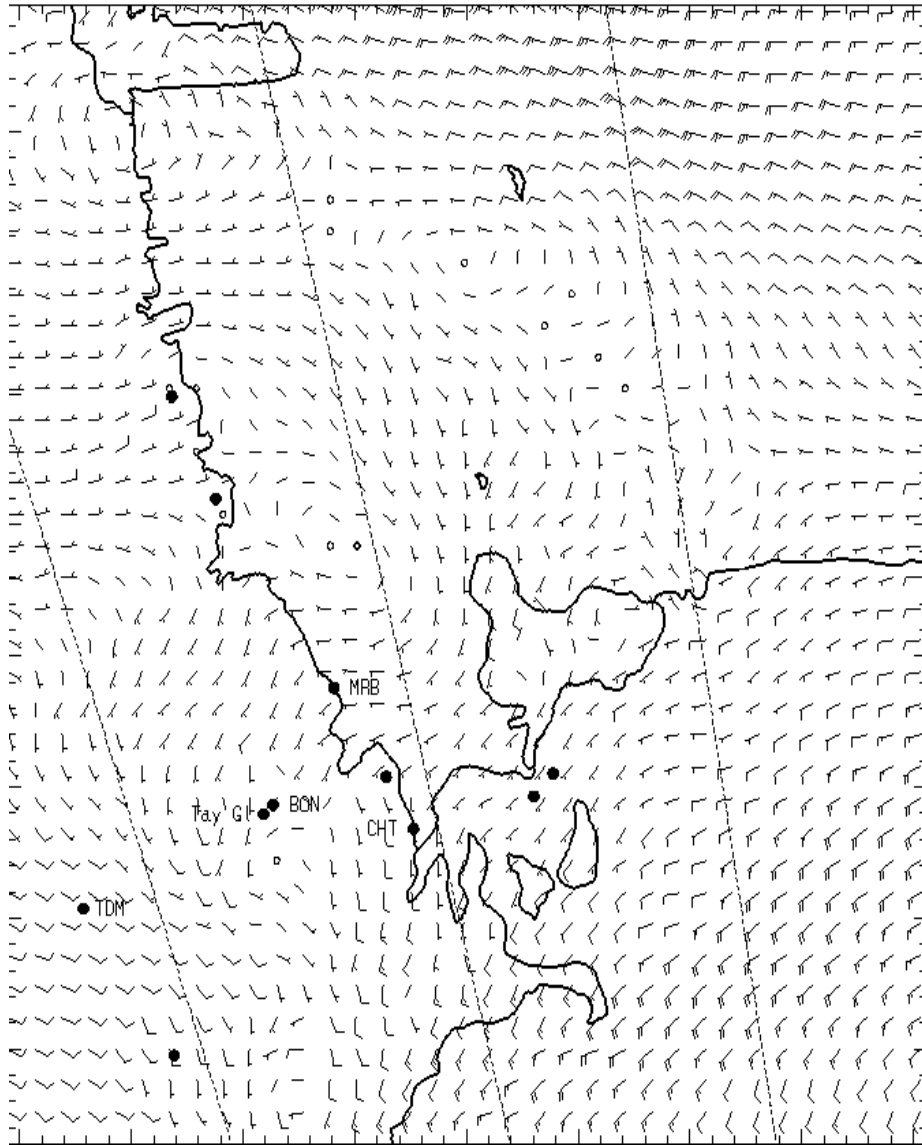


0700L

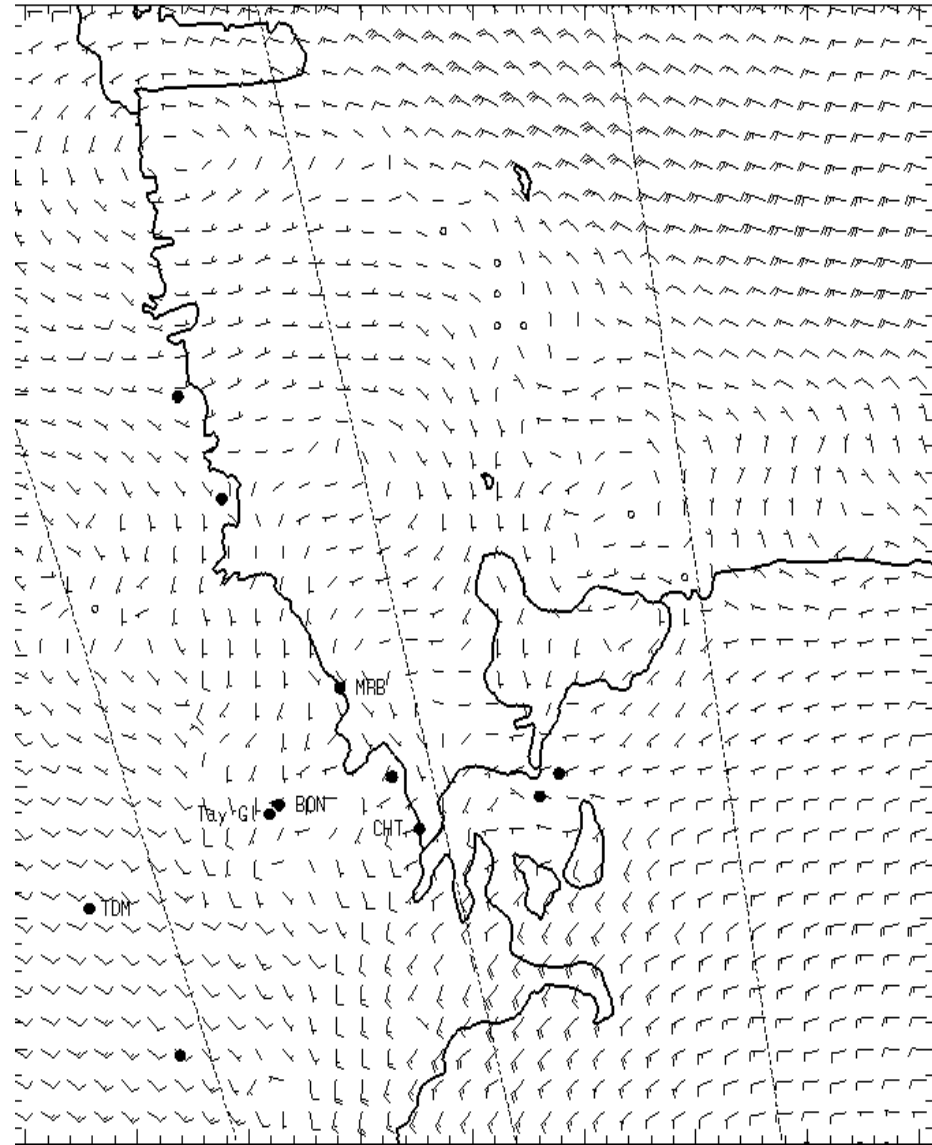


1300L

5,000 ft AGL



0700L



1300L