



Helo Weather

Charleston ROF
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Date (L): Saturday 09 December 2023

Brief Time (L): 0615

Briefing Number: 12-009

FCSTR: Bob Michael

REGIONAL SUMMARY

A small-scale low pressure center moves rapidly northward this morning, generating strong winds and associated turbulence with patchy areas of blowing snow, all of which should be gone by noon. An extensive area of low clouds over the ice shelf could periodically extend its leading edge over the vicinity of the airfields, but elsewhere fair skies prevail.

HAZARDS

Light (occasional moderate) turbulence sfc-030, Black Island area through McMurdo Sound; occasional light turbulence (predominantly terrain-induced) after noon

LATEST MCMURDO OBSERVATION

SPECI NZCM 081639Z AUTO 06011G20KT 9999 SKC M11/M15 A2918 RMK AO2 SNB1639 SLP887 T11121151=

RUNWAY TAFS

TAF AMD NZFX 081610Z 0816/0915 (0905/1004NZDT) 17020G25KT 9999 SCT020 SCT060 520003 QNH2910INS
GRID34020G25KT

TEMPO 0816/0819 (0905/0908) 17030G35KT 1600 BLSN BKN020 BKN060 GRID34030G35KT

BECMG 0900/0902 (0913/0915) 15015G25KT 9999 DRSN SCT020 SCT060 510003 QNH2896INS GRID32015G25KT

TAF AMD NZWD 081610Z 0816/0915 (0905/1004NZDT) 09010KT 9999 FEW020 SCT060 520003 QNH2910INS
GRID26010KT

TEMPO 0816/0819 (0905/0908) 16015G25KT 4800 BLSN BKN020 BKN060 GRID33015G25KT

BECMG 0900/0902 (0913/0915) 10012G18KT 9999 FEW020 SCT060 510003 QNH2896INS GRID27012G18KT

MCMURDO HELIPAD FORECAST (VALID TIME: 07/0600L - 1800L)

SFC WIND (TRUE): 14020G30KT BECMG 14015G25 AFT 12L

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW020 SCT060

MIN ALSTG: 29.02INS

HAZARDS: LGT OCNL MDT TURBC SFC-030 BECMG LGT AFT 12L

SITE & AREA FORECASTS (VALID TIME: 08/0600L – 1800L)

NAUSEA KNOB

SFC WIND (TRUE): 19015KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SKC (SCT CLOUDS BELOW)

MIN ALSTG: 28.24INS

HAZARDS: NIL

MT NEWALL

SFC WIND (TRUE): 35010KT

SFC VISIBILITY (SM): UNRES VCFG

SKY CONDITION (AGL): SCT010

MIN ALSTG: 28.68INS

HAZARDS: NIL

BULL PASS

SFC WIND (TRUE): 10015KT BECMG 10020KT AFT 15L

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW020 SCT060

MIN ALSTG: 28.90INS

HAZARDS: NIL

MARBLE POINT

SFC WIND (TRUE): 16015G25KT BECMG 16015KT AFT 11L

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW020 SCT060

MIN ALSTG: 29.02INS

HAZARDS: LGT OCNL MDT TURBC SFC-030 BECMG NIL AFT 11L

CAPE ROYDS

SFC WIND (TRUE): 16025G35KT BECMG 16015KT AFT 12L

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW020 SCT060

MIN ALSTG: 28.98INS

HAZARDS: LGT OCNL MDT TURBC SFC-030 BECMG NIL AFT 12L

SCOTT BASE

SFC WIND (TRUE): 05015KT TEMPO 17020G30KT UNTIL 09L

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW020 SCT060

MIN ALSTG: 29.00INS

HAZARDS: LGT OCNL MDT TURBC SFC-030 BECMG NIL AFT 12L

MT FLEMMING

SFC WIND (TRUE): 24025KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW020 SCT060

MIN ALSTG: 28.60INS

HAZARDS: LGT OCNL MDT TURBC SFC-020

DON JUAN POND

SFC WIND (TRUE): 08012KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW020

MIN ALSTG: 28.86INS

HAZARDS: NIL

COMMONWEALTH GLACIER

SFC WIND (TRUE): 09012KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW010 SCT050

MIN ALSTG: 28.92INS

HAZARDS: NIL

CAPE BIRD

SFC WIND (TRUE): VRB05KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW060

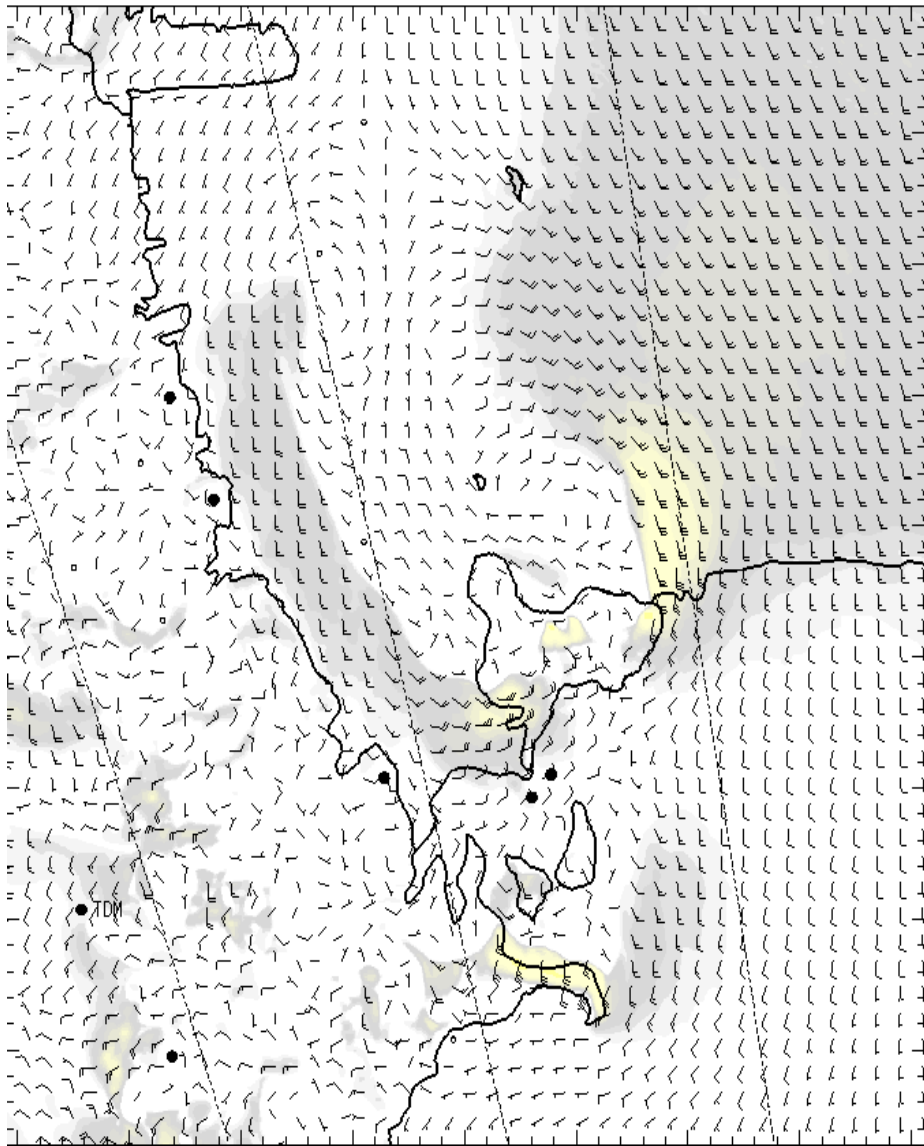
MIN ALSTG: 28.96INS

HAZARDS: NIL

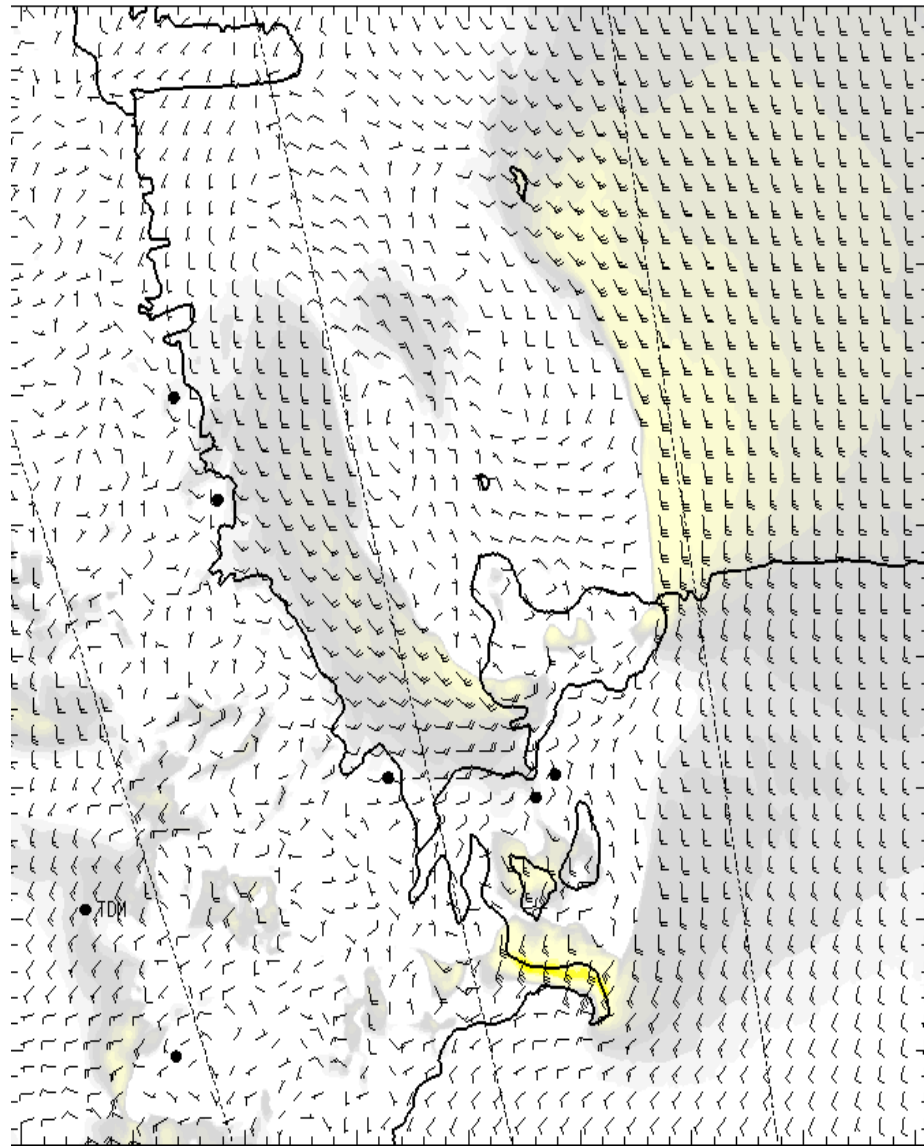
NIGHT SITE & AREA FORECASTS (VALID TIME: 08/1800L – 09/0600L)

NIL

SFC

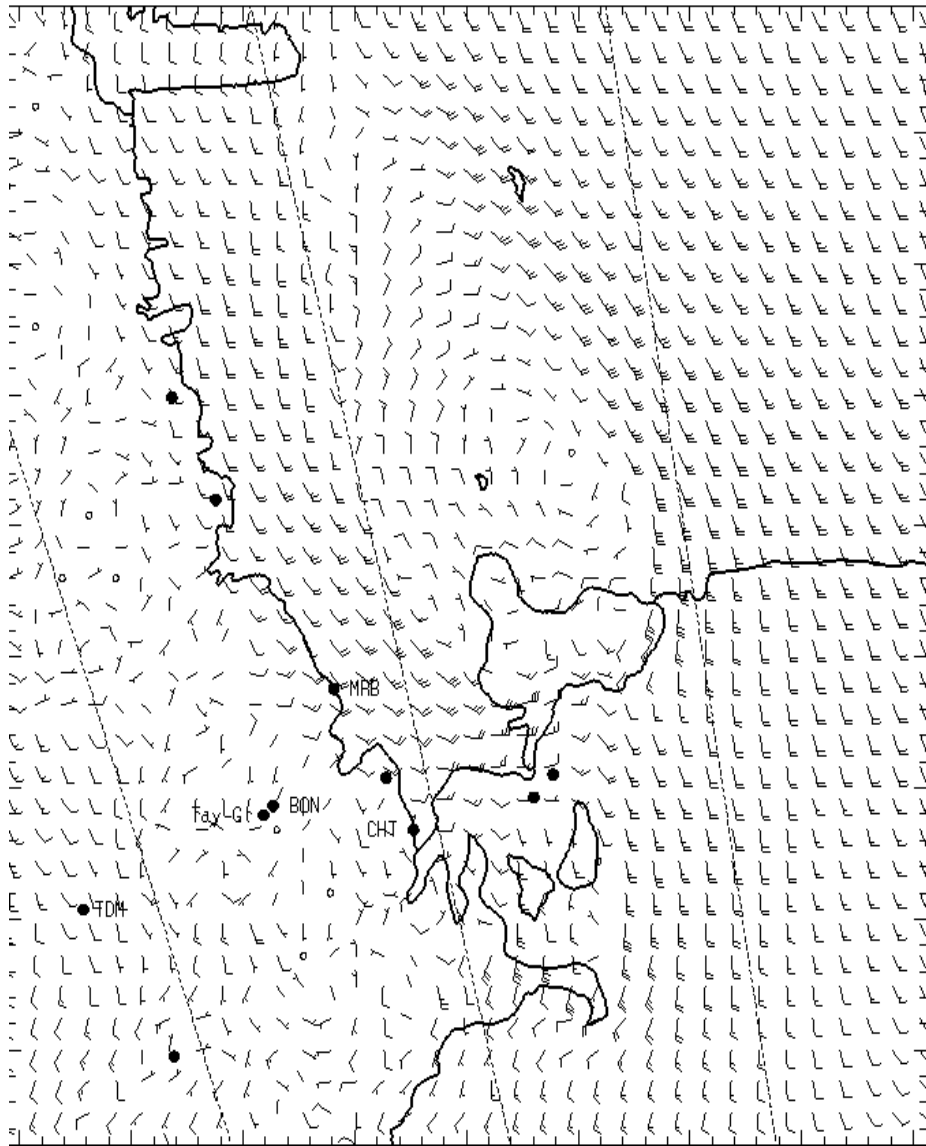


0700L

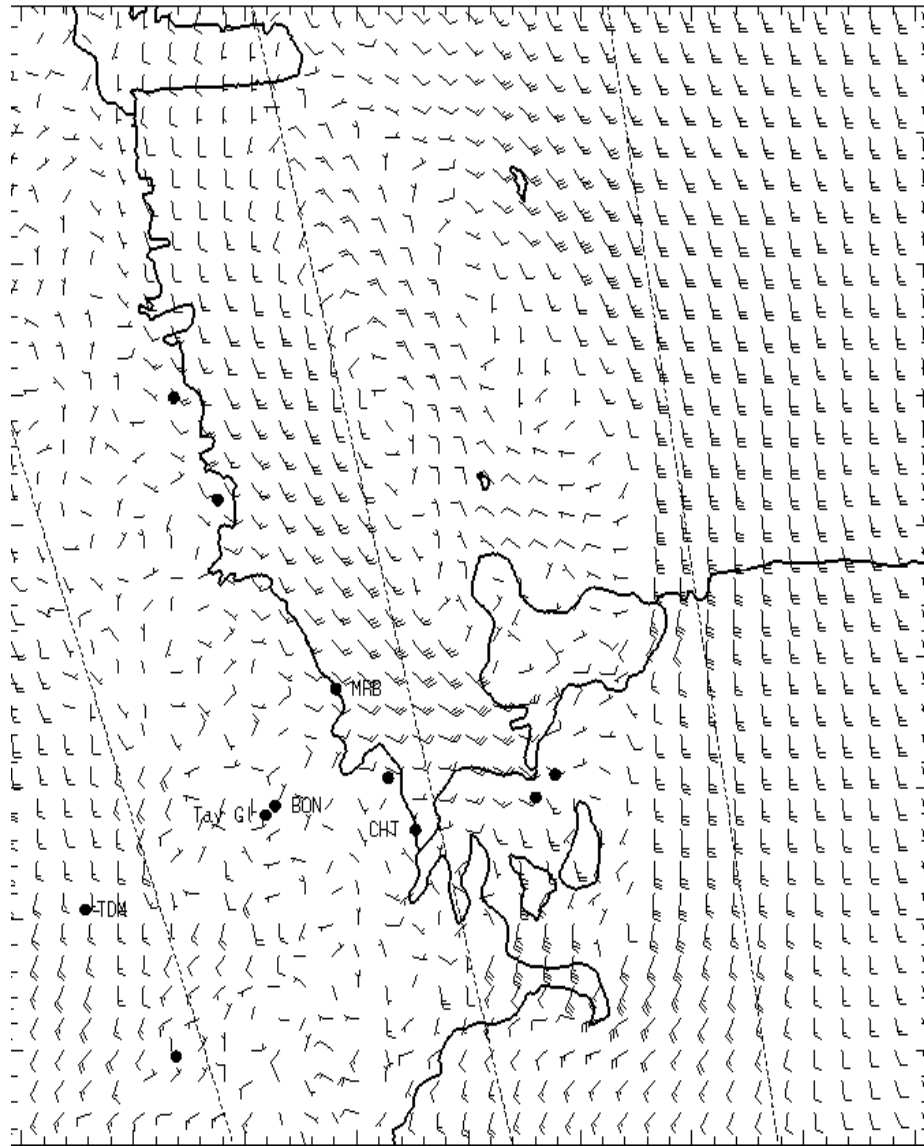


1300L

1,000 ft AGL

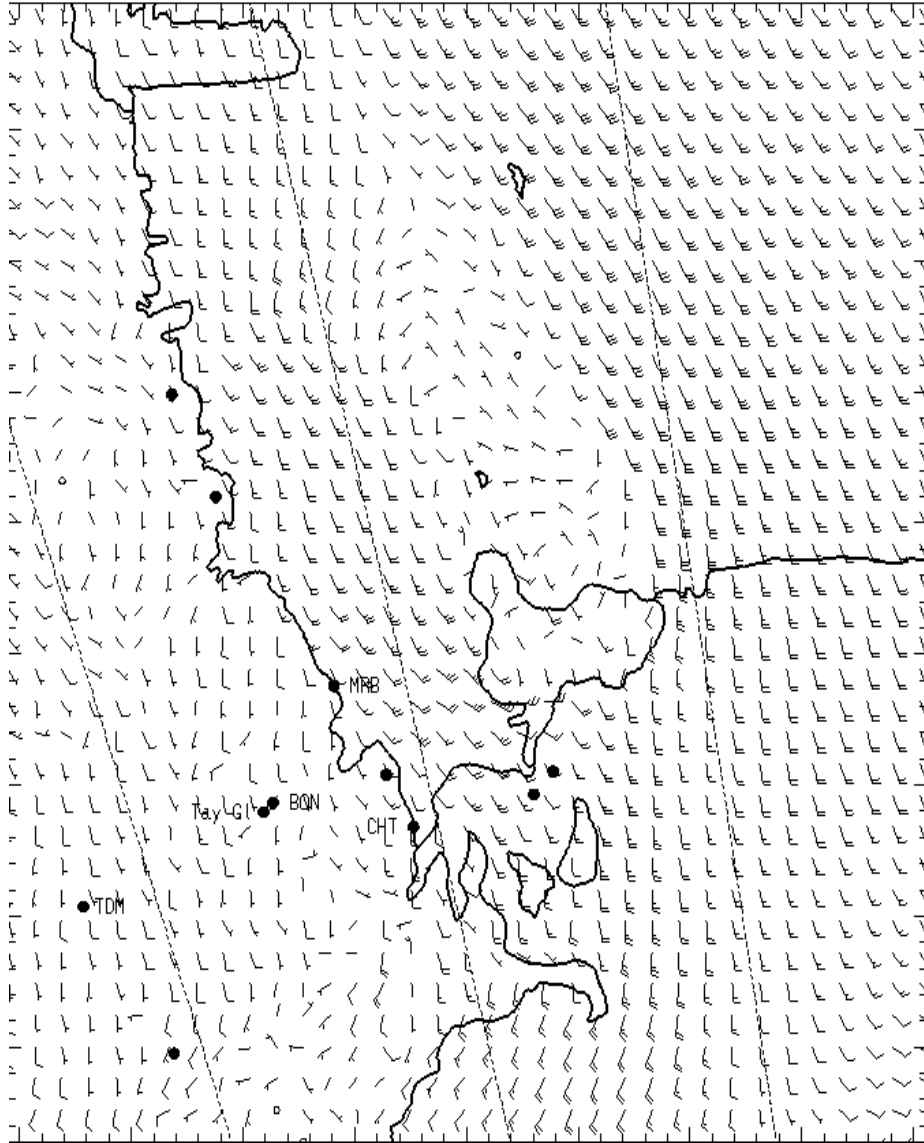


0700L

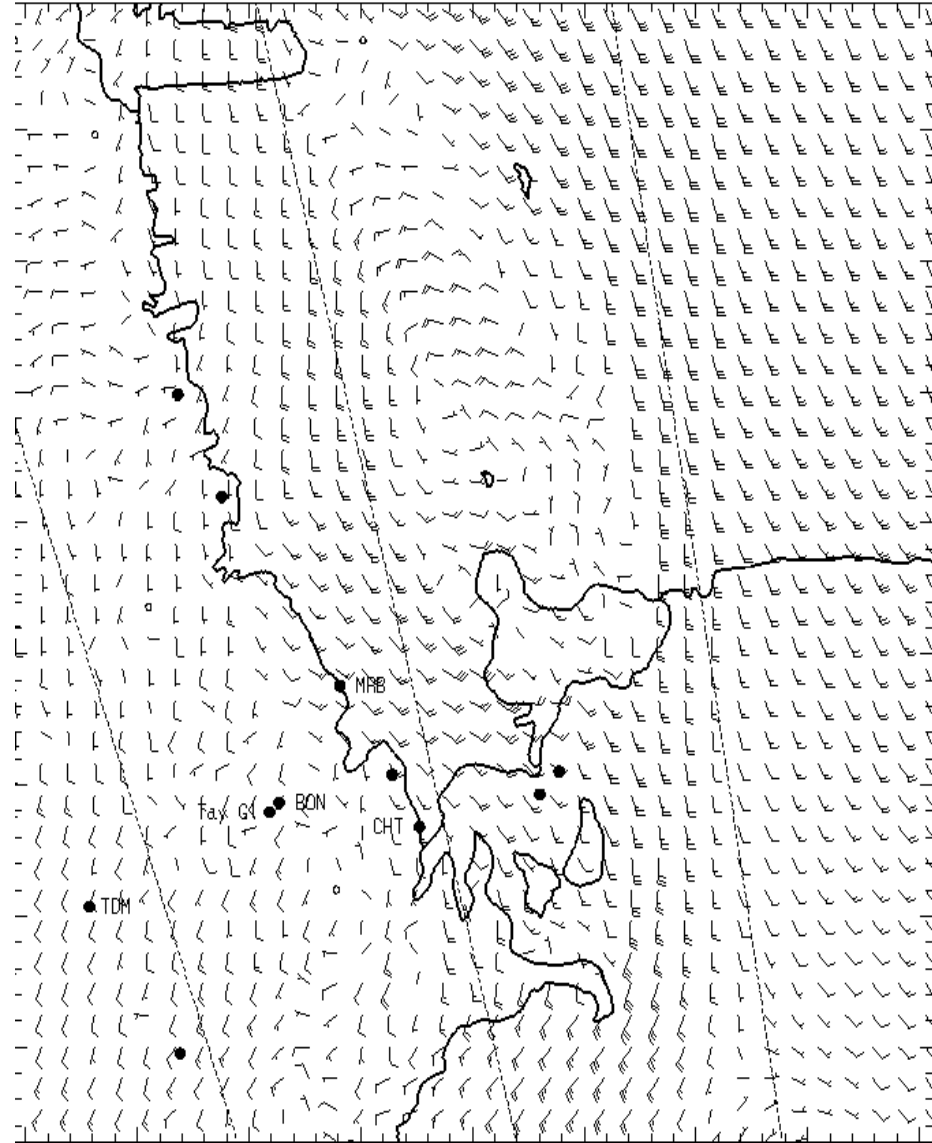


1300L

3,000 ft AGL

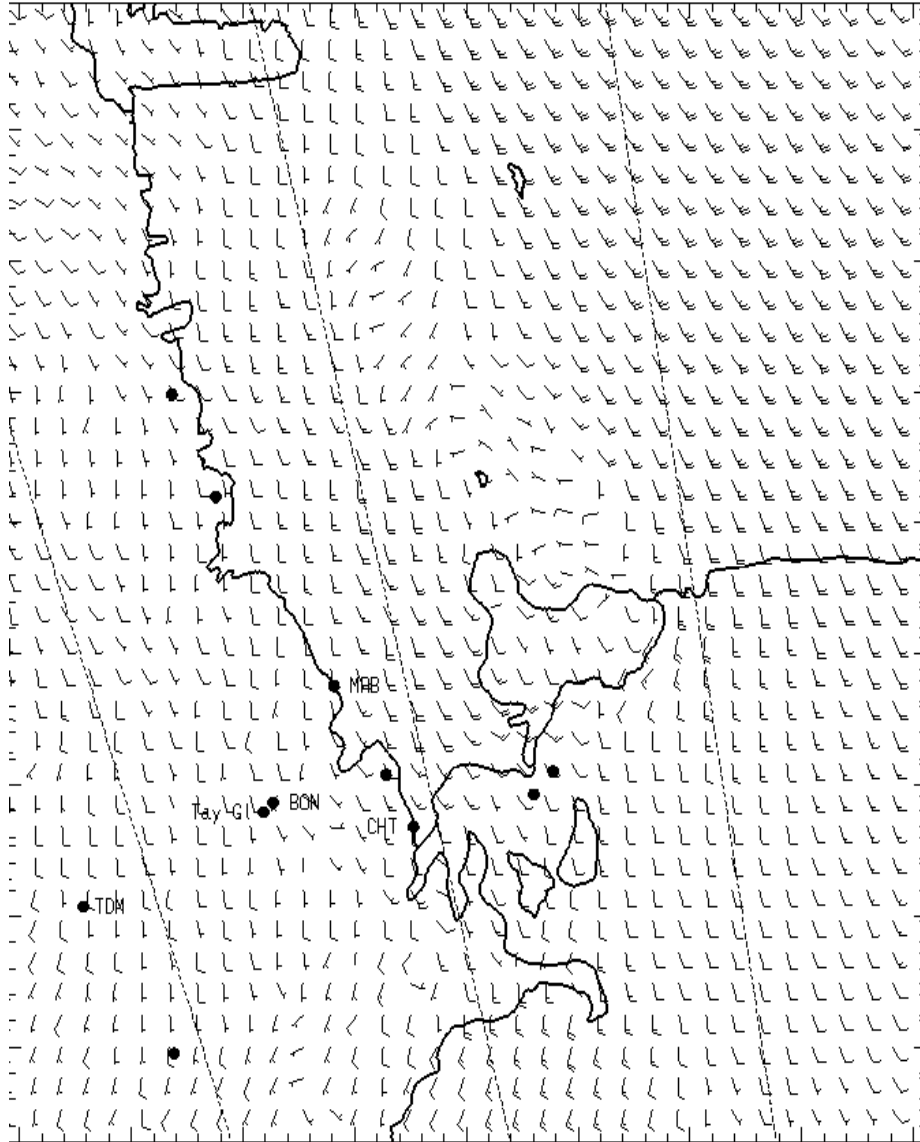


0700L

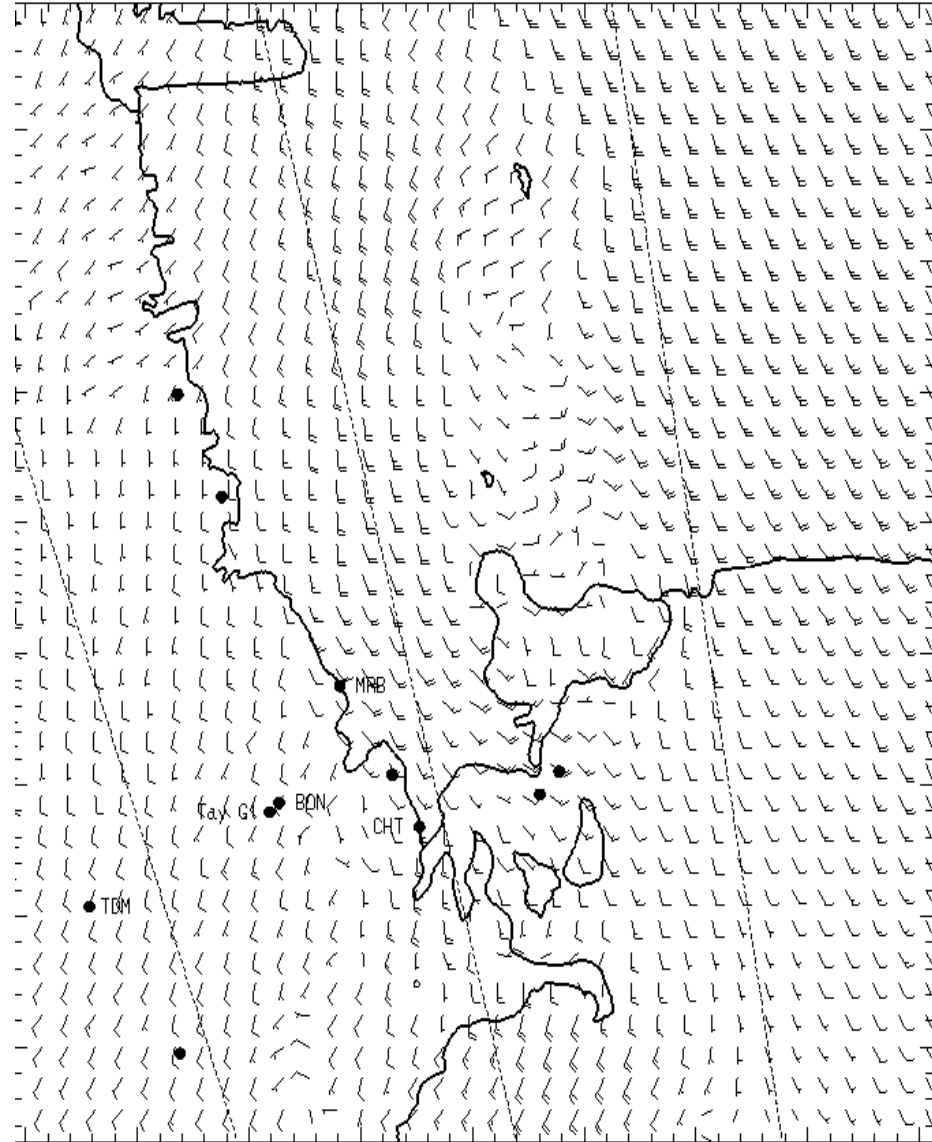


1300L

5,000 ft AGL



0700L



1300L