



Helo Weather

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Date (L): Tue 14 December 2021

Brief Time (L): 0600

Briefing Number: 12-012

FCSTR: Paul Gulli

REGIONAL SUMMARY

Low pressure to the east continues to churn in place, projecting a tight pressure gradient across the Ross Ice Shelf and producing intermittent gusty winds over the local area. Fortunately, this is the only significant impact of the system as skies and visibility remain unaffected today.

HAZARDS

The orientation of the wind flow means that turbulence will be a factor today due to strong flow over Hut Point Peninsula and the sound, as well as due to katabatic flow in the Dry Valleys. Most of this turbulence will be light in nature, but there may be localized spots where funneling and other terrain interactions will produce moderate turbulence. Most significantly, areas in the core of the wind (Black Island/Cp Crozier) will see straight moderate to occasional severe turbulence due to the combination of strong southerly flow and terrain interaction.

LATEST MCMURDO OBSERVATION

METAR NZCM 131555Z AUTO 16013G20KT 9999 SKC M02/M13 A2900 RMK AO2 SLP823 T10211132 \$=

RUNWAY TAFS

TAF NZFX 131456Z 1315/1415 (1404/1504NZDT) 15010KT 9999 FEW100 QNH2901INS GRID32010KT
TEMPO 1319/1401 (1408/1414) 17015G25KT DRSN 520003 GRID34015G25KT
BECMG 1323/1401 (1412/1414) 17015G25KT 9999 DRSN FEW040 BKN100 520006 QNH2909INS GRID34015G25KT
TEMPO 1401/1407 (1414/1420) 18020G35KT 6000 BLSN GRID35020G35KT
BECMG 1407/1409 (1420/1422) VRB06KT 9999 NSW FEW040 BKN100 QNH2913INS

TAF NZWD 131456Z 1315/1415 (1404/1504NZDT) 15010KT 9999 FEW100 QNH2902INS GRID32010KT
TEMPO 1319/1402 (1408/1415) 17013G23KT DRSN 520003 GRID34013G23KT
BECMG 1400/1402 (1413/1415) 16013G25KT 9999 DRSN FEW040 BKN100 520006 QNH2911INS GRID33013G25KT
TEMPO 1402/1407 (1415/1420) 17020G34KT 6000 BLSN GRID34020G34KT
BECMG 1407/1409 (1420/1422) VRB06KT 9999 NSW FEW040 BKN100 QNH2913INS

MCMURDO HELIPAD FORECAST (VALID TIME: 14/0600L - 1800L)

SFC WIND (TRUE): 24015G25KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW040 BKN100

MIN ALSTG: 29.00INS

HAZARDS: LGT-MOD TURBC SFC-100

SITE & AREA FORECASTS (VALID TIME: 14/0600L - 1800L)

LK FRYXELL

SFC WIND (TRUE): 24012KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): SCT100
MIN ALSTG: 29.04INS
HAZARDS: LGT TURBC 020-100

F6

SFC WIND (TRUE): 24015KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): SCT100
MIN ALSTG: 29.06INS
HAZARDS: LGT TURBC SFC-040

BOHNER

SFC WIND (TRUE): 23013KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): SCT100
MIN ALSTG: 29.00INS
HAZARDS: LGT TURBC SFC-030

LAWSON

SFC WIND (TRUE): 21015KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): FEW100
MIN ALSTG: 29.00INS
HAZARDS: LGT TURBC SFC-040

LK BONNEY / BONNEY BASIN

SFC WIND (TRUE): 23013KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): FEW100
MIN ALSTG: 29.04INS
HAZARDS: LGT TURBC SFC-040

LK HOARE

SFC WIND (TRUE): 24015KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): SCT100
MIN ALSTG: 29.02INS
HAZARDS: LGT TURBC SFC-040

MARBLE POINT

SFC WIND (TRUE): 16007KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT100

MIN ALSTG: 29.05INS

HAZARDS: NIL

BLACK ISLAND

SFC WIND (TRUE): 23045G60KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW040 BKN100

MIN ALSTG: 29.00INS

HAZARDS: SVR TURBC SFC-070

SCOTT BASE

SFC WIND (TRUE): 16012G20KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW040 BKN100

MIN ALSTG: 29.00INS

HAZARDS: LGT TURBC SFC-100

CP CROZIER

SFC WIND (TRUE): 22030G45KT

SFC VISIBILITY (SM): UNRES, DRSN

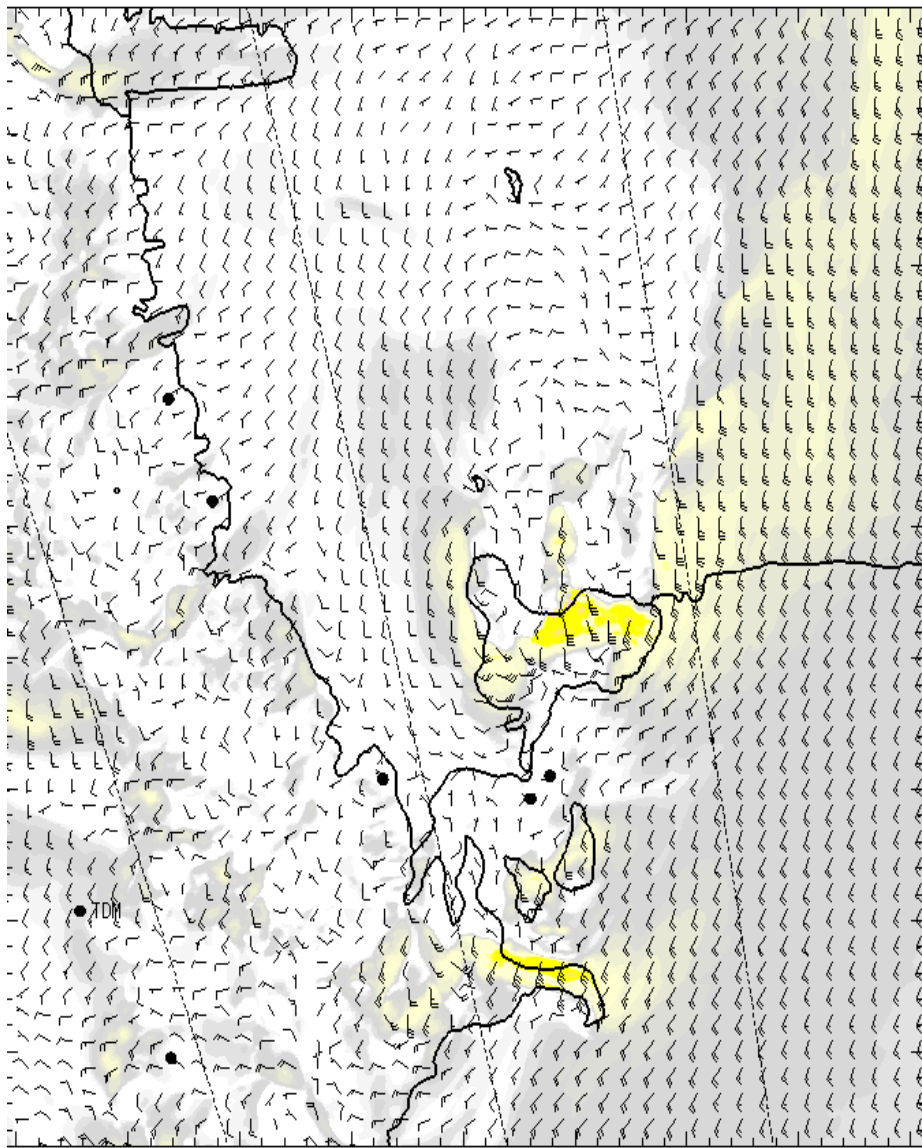
SKY CONDITION (AGL): FEW040 SCT100

MIN ALSTG: 28.97INS

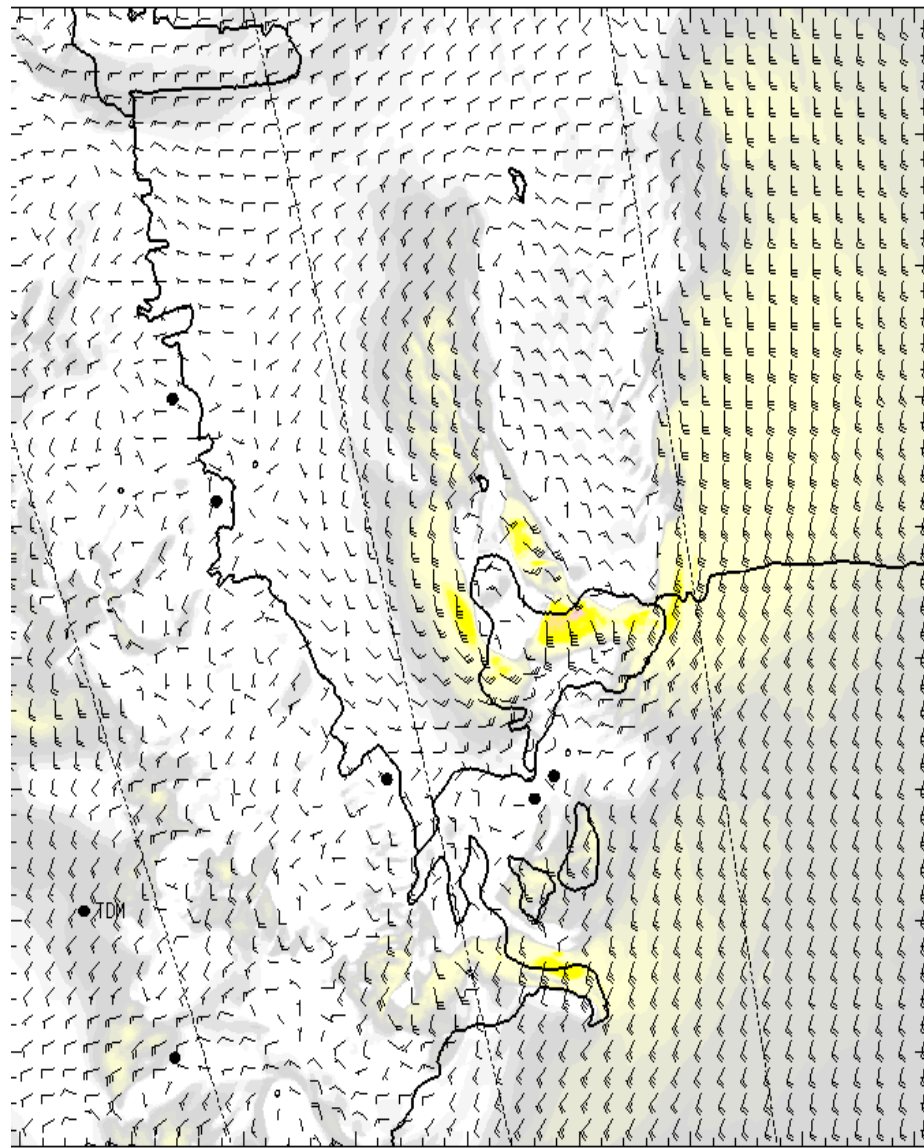
HAZARDS: MOD-SVR TURBC SFC-100

NIGHT AREA OUTLOOKS (VALID TIME: 14/1800L - 15/0600L)

SFC

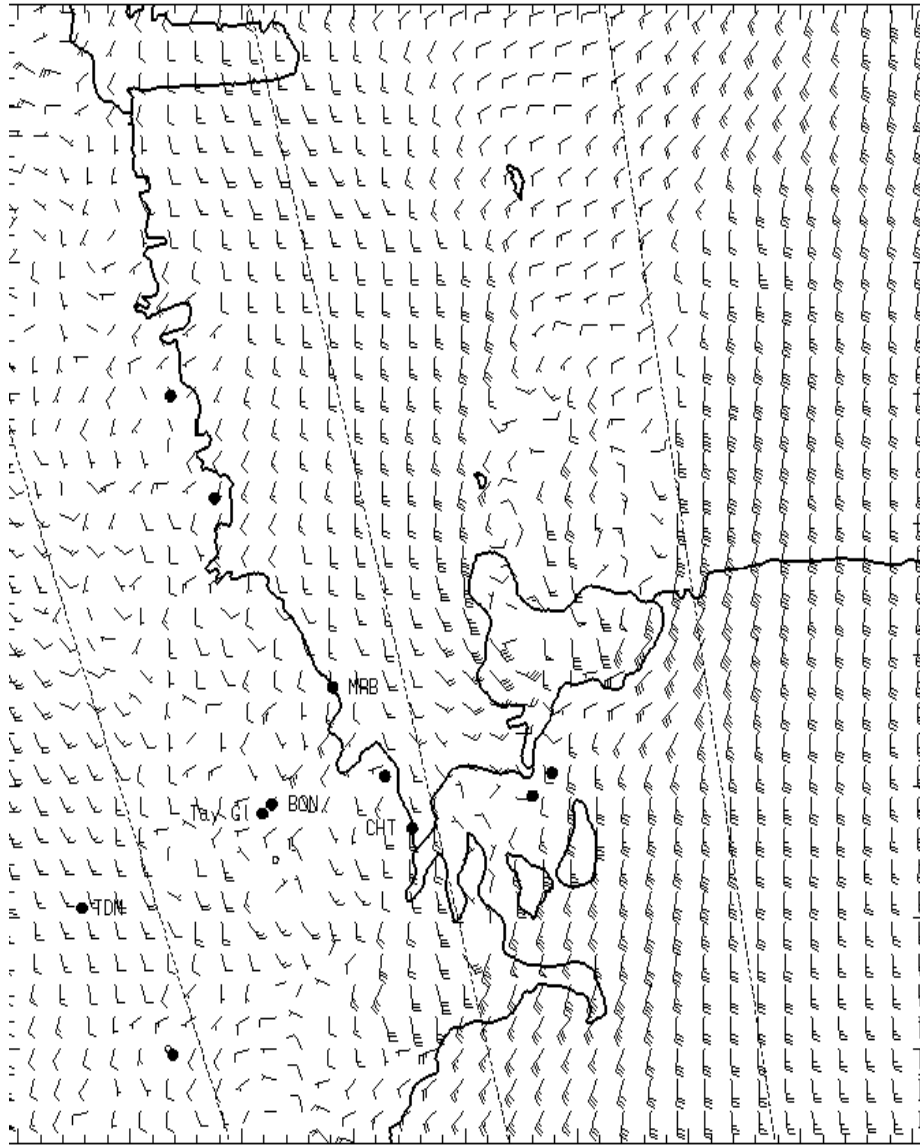


0700L

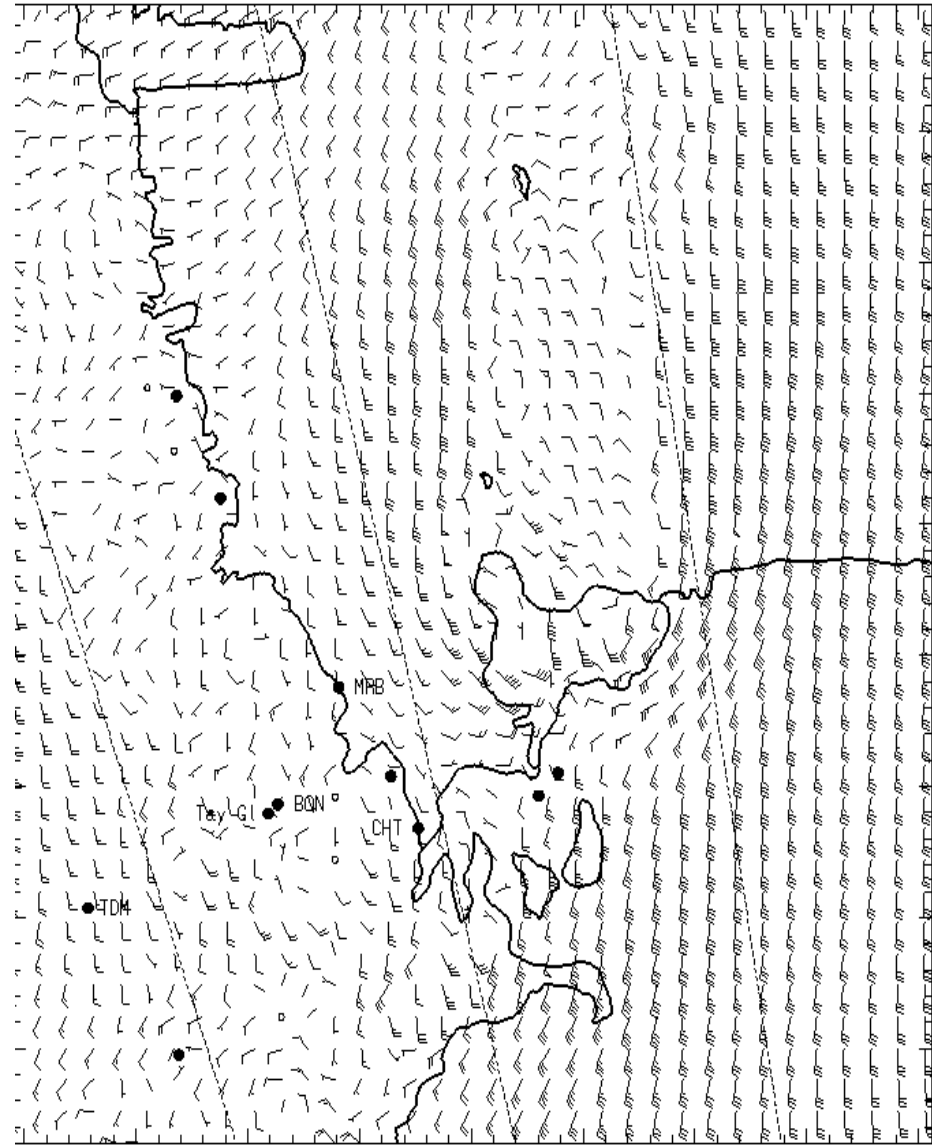


1300L

1,000 ft AGL

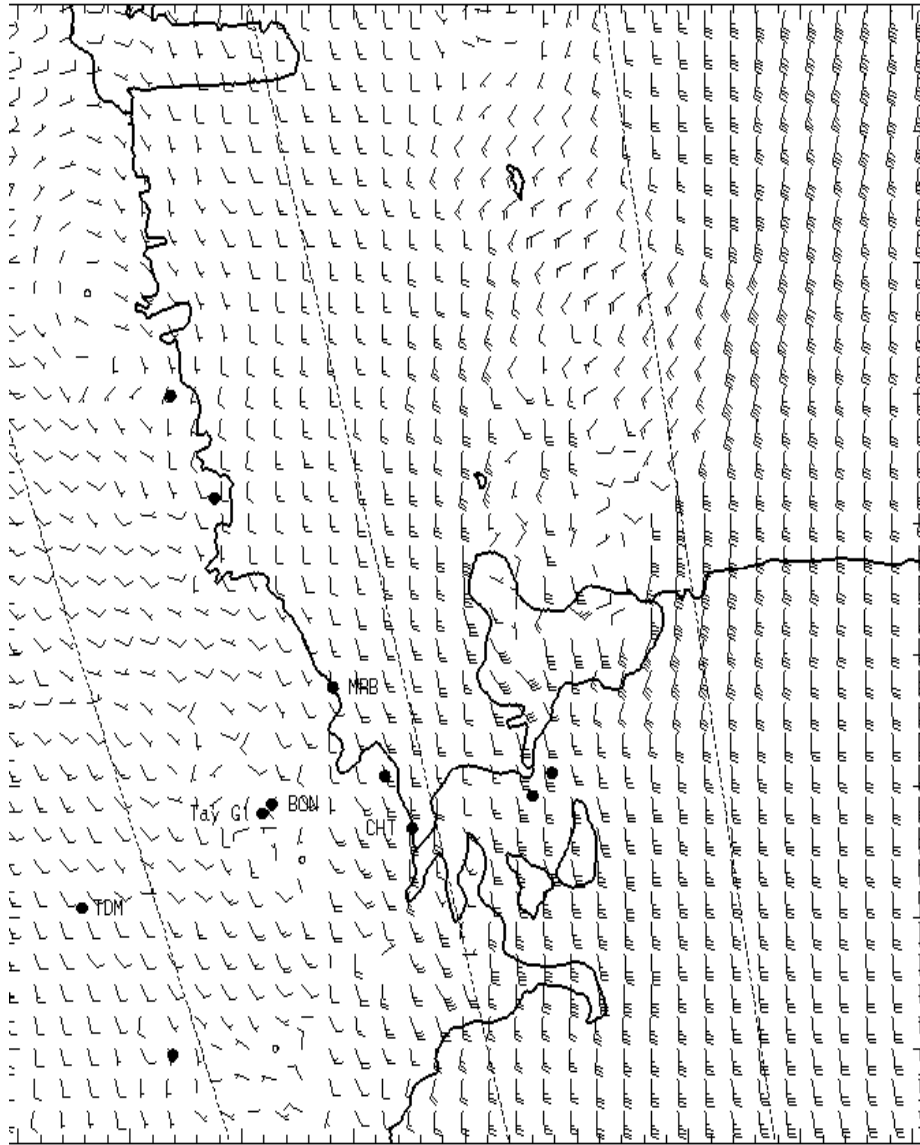


0700L

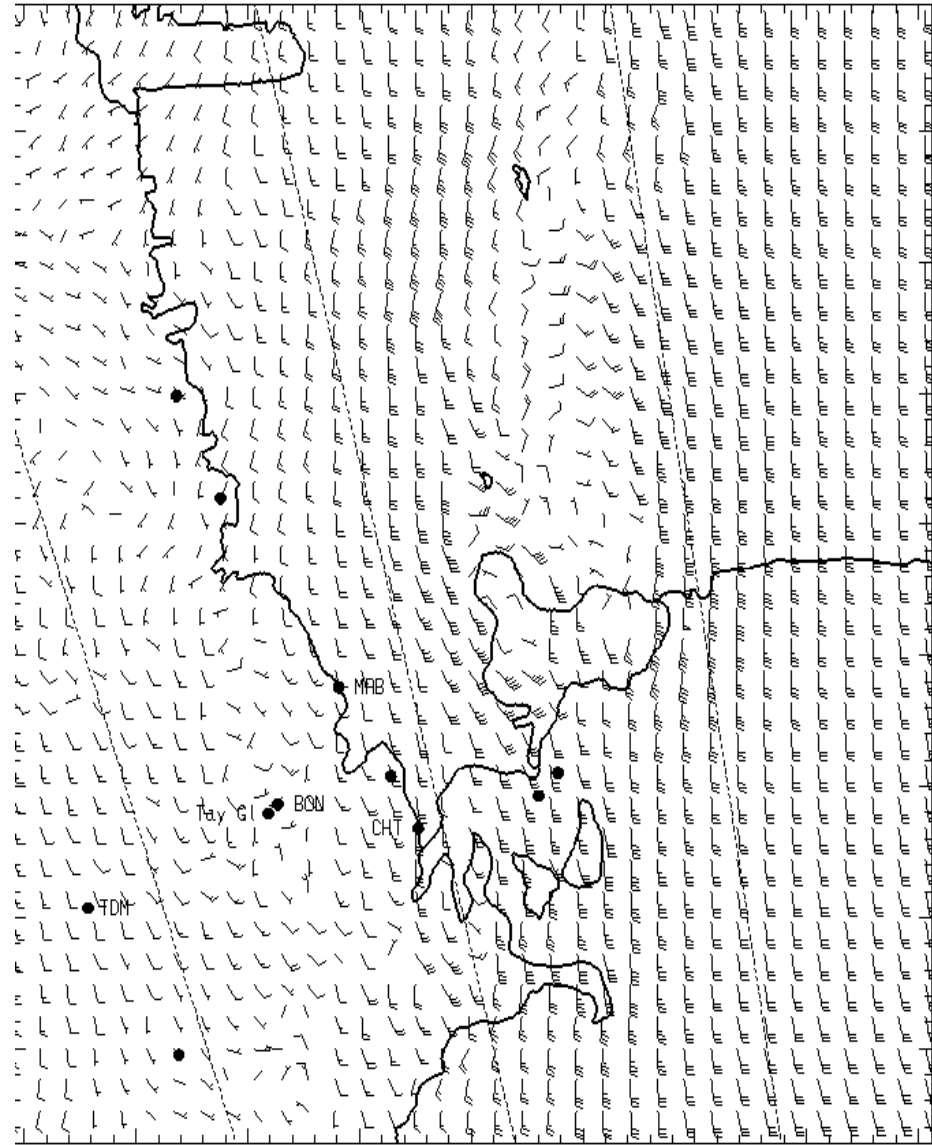


1300L

3,000 ft AGL

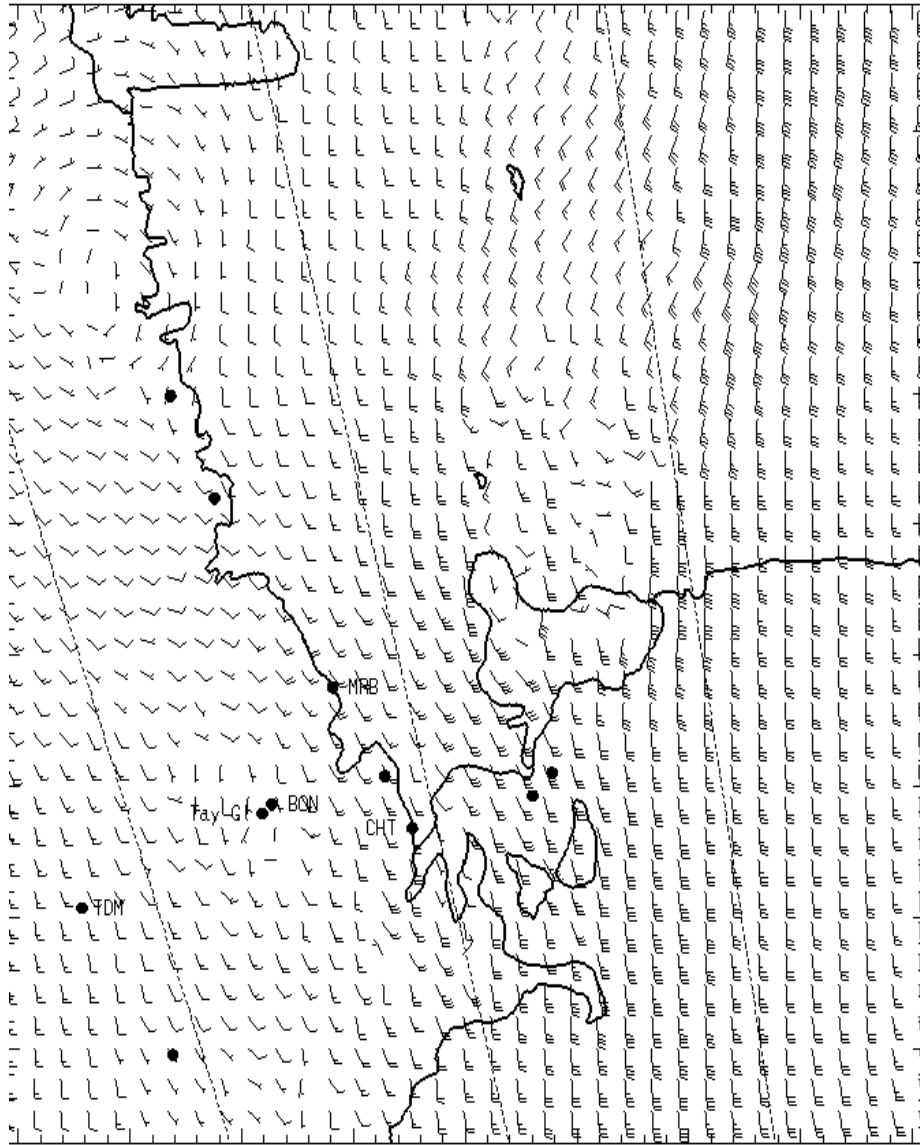


0700L

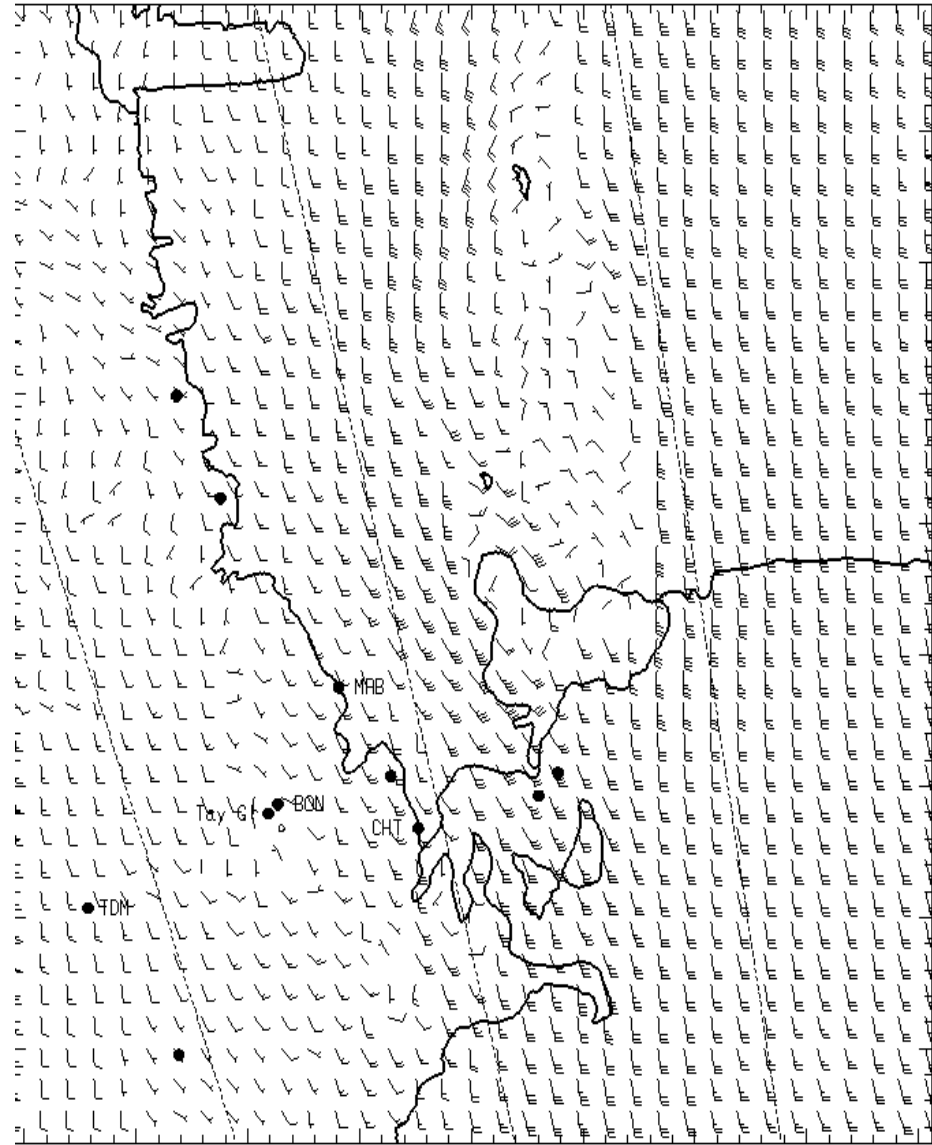


1300L

5,000 ft AGL



0700L



1300L