



Helo Weather

Charleston ROF
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Date (L): Monday 13 November 2023

Brief Time (L): 0615

Briefing Number: 11-015

FCSTR: Alan Stratton

REGIONAL SUMMARY

High pressure to the north of Ross Island, in conjunction with a developing low pressure center south of the Drygalski Ice Tongue are driving low clouds/-SN down the McMurdo Sound. Lowest CIG and greatest chance of -SN will be along the western side of the Sound with the poorest conditions developing along the Bowers Piedmont North to towards Botany Bay Mid-Afternoon

HAZARDS

Mountain top obscurations over the Dry Valleys after 10L.
Localized Ceilings lowering to ~ 700' and reduced VIS in -SN along western McMurdo Sound/Piedmonts, with ISOL LGT Rime ICG in cloud/Precip after 10L. Precip becoming more widespread over western Sea Ice, and piedmonts after 15L.

LATEST MCMURDO OBSERVATION

METAR ZCMA 121650Z AUTO 03014G23KT 9999 BKN033 OVC043 M13/M24 A2910 RMK AO2 SLP860 GRID20014G23KT=

RUNWAY TAFS

TAF NZFX 121457Z 1215/1315 (1304/1404NZDT) 07012KT 9999 BKN020 BKN070 BKN200 QNH2910INS GRID24012KT

TAF NZWD 121457Z 1215/1315 (1304/1404NZDT) 04008KT 9999 BKN020 BKN070 BKN200 QNH2910INS GRID21008KT

MCMURDO HELIPAD FORECAST (VALID TIME: 13/0600L - 1800L)

SFC WIND (TRUE): 04012G18KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT030 BKN020 BKN070 BKN200

MIN ALSTG: 29.08INS

HAZARDS: NIL

SITE & AREA FORECASTS (VALID TIME: 13/0600L - 1800L)

LAKE HOARE

SFC WIND (TRUE): 07005KT

SFC VISIBILITY (SM): UNRES. TEMPO 2-4 -SN BR AFT 11L

SKY CONDITION (AGL): FEW050 SCT100. BECMG BKN010 OVC030 AFT 11L.

MIN ALSTG: 29.15INS

HAZARDS: NIL

LAKE BONNEY (AREA)

SFC WIND (TRUE): VRB05KT. BECMG 04009KT AFT 10L

SFC VISIBILITY (SM): UNRES. TEMPO –SN AFT 14L

SKY CONDITION (AGL): FEW050 SCT100. BECMG BKN045 OVC080 AFT 14L. TEMPO BKN015 AFT 17L

MIN ALSTG: 29.15INS

HAZARDS: NIL

MARBLE POINT

SFC WIND (TRUE): VRB05KT. BECMG 04009KT AFT 10L

SFC VISIBILITY (SM): UNRES. TEMPO 3-5 –SN AFT 14L

SKY CONDITION (AGL): SCT020 SCT050 SCT100. BECMG BKN045 OVC080 AFT 14L. TEMPO BKN015 AFT 17L

MIN ALSTG: 29.15INS

HAZARDS: NIL

WHITE ISLAND

SFC WIND (TRUE): 03006KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT020 BKN070

MIN ALSTG: 29.01INS

HAZARDS: NIL

LAKE FRYXELL

SFC WIND (TRUE): 09005KT

SFC VISIBILITY (SM): UNRES. TEMPO 4-6 –SN AFT 11L

SKY CONDITION (AGL): SCT020 SCT050 SCT100. BECMG BKN045 OVC080 AFT 11L. TEMPO BKN015 AFT 17L

MIN ALSTG: 29.15INS

HAZARDS: NIL

COMMONWEALTH GLACIER

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNRES. TEMPO 2-4 –SN BR AFT 10L

SKY CONDITION (AGL): FEW050 SCT100. BECMG BKN010 OVC025 AFT 10L.

MIN ALSTG: 29.00INS

HAZARDS: NIL

EXPLORER'S COVE

SFC WIND (TRUE): 08008KT. BECMG 10012KT AFT 15L

SFC VISIBILITY (SM): UNRES. TEMPO 4-6 –SN AFT 11L

SKY CONDITION (AGL): SCT020 SCT050 SCT100. BECMG BKN020 BKN045 OVC080 AFT 11L. TEMPO BKN015 AFT 15L

MIN ALSTG: 29.09INS

HAZARDS: NIL

SCOTT BASE

SFC WIND (TRUE): 06010KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT030 BKN070 BKN200

MIN ALSTG: 29.08INS

HAZARDS: NIL

CAPE ROBERTS

SFC WIND (TRUE): VRB05KT. BECMG 16010KT AFT 15L

SFC VISIBILITY (SM): UNRES. TEMPO 4-6 –SN

SKY CONDITION (AGL): SCT020 BKN050 BKN100. TEMPO BKN015

MIN ALSTG: 29.09INS

HAZARDS: NIL

TRAMWAY RIDGE

SFC WIND (TRUE): 35010KT

SFC VISIBILITY (SM): <1-3 IC SG BR

SKY CONDITION (AGL): OVC003

MIN ALSTG:

HAZARDS: LGT RIME ICG SFC-020 AGL. (FLO90-130 MSL)

LEWIS BAY (ASPA 156)

SFC WIND (TRUE): VRB05KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT025 BKN075 BKN100

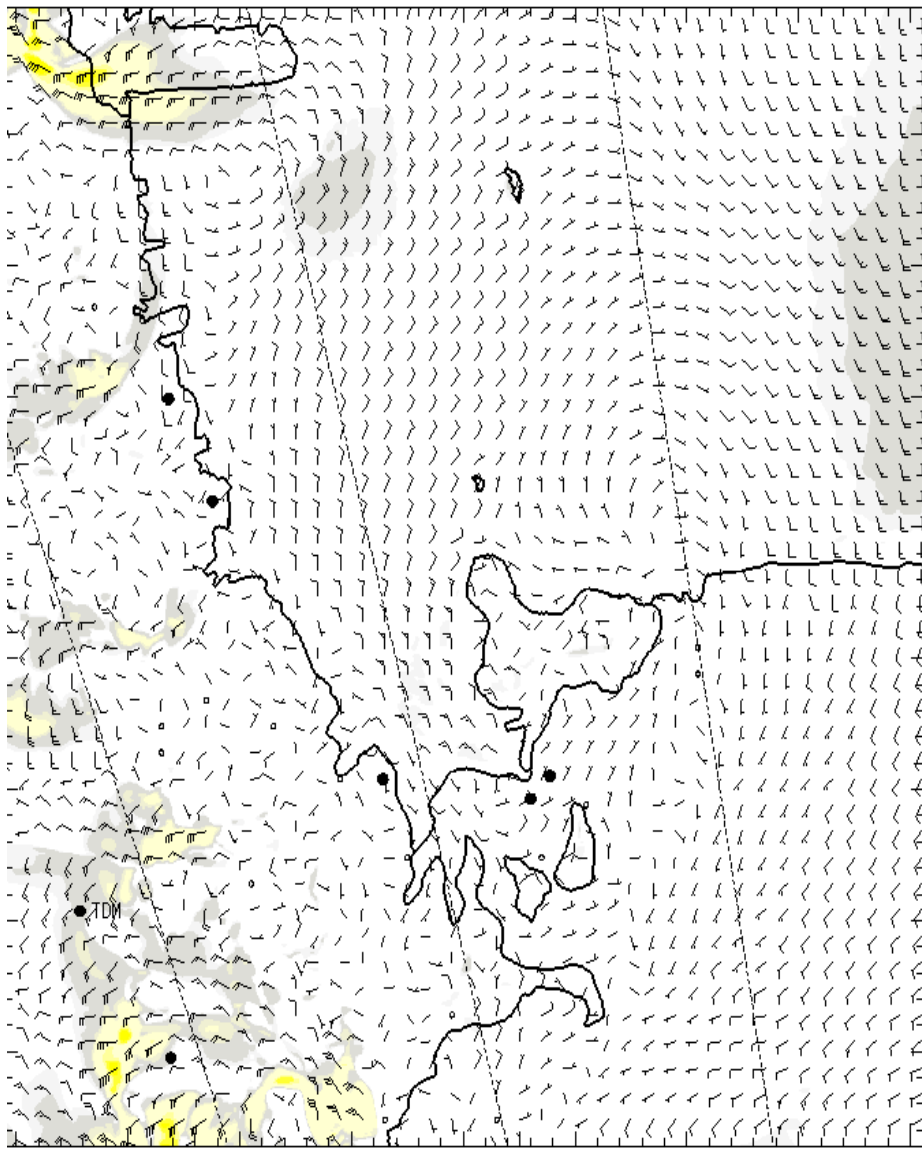
MIN ALSTG: 29.08INS

HAZARDS: NIL

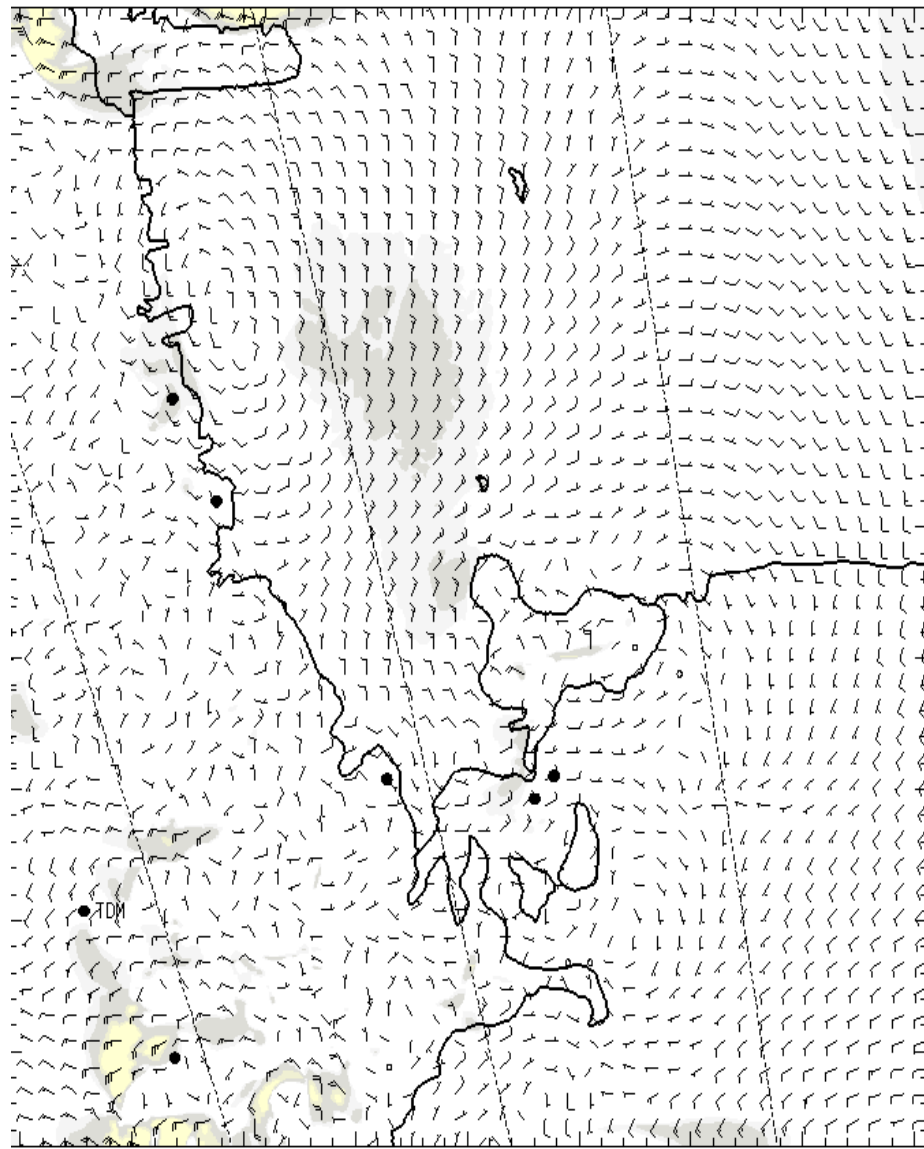
NIGHT SITE & AREA FORECASTS (VALID TIME: 13/1800L – 14/0600L)

NONE

SFC

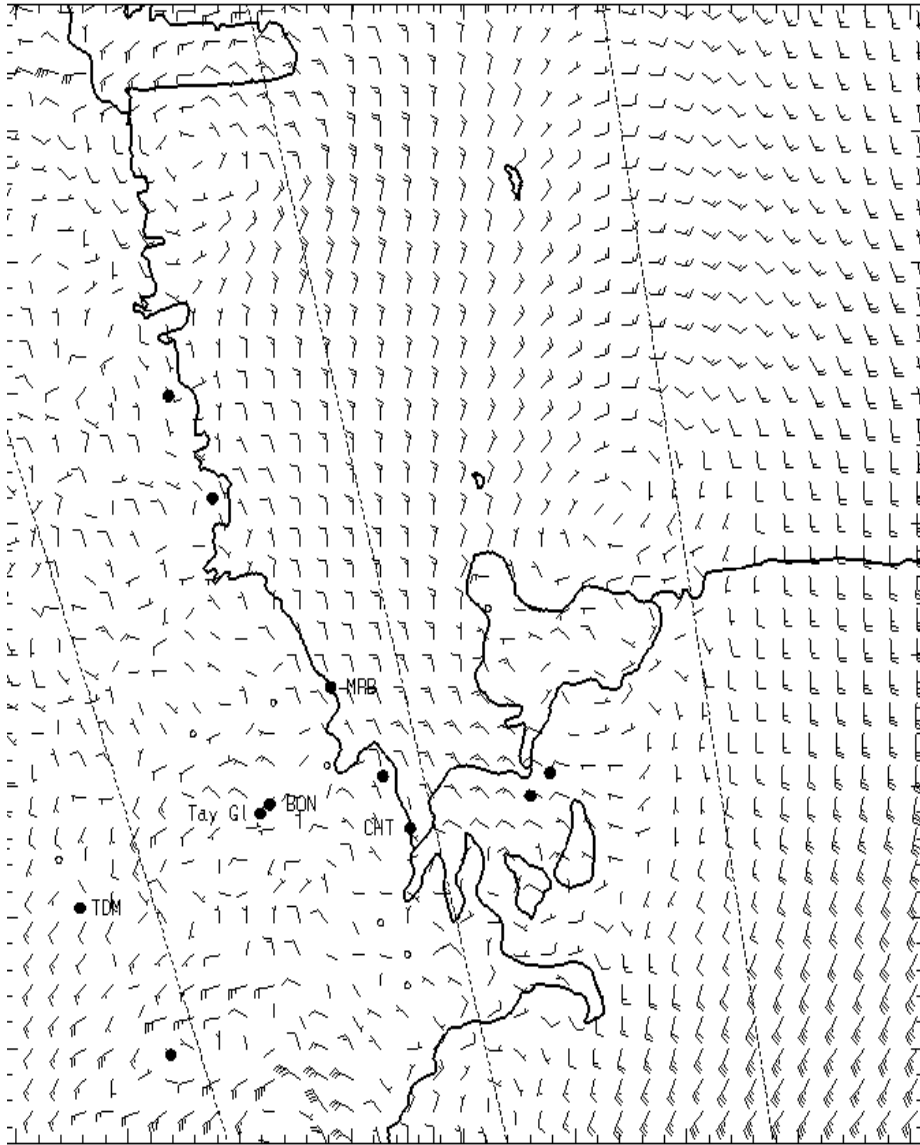


0700L

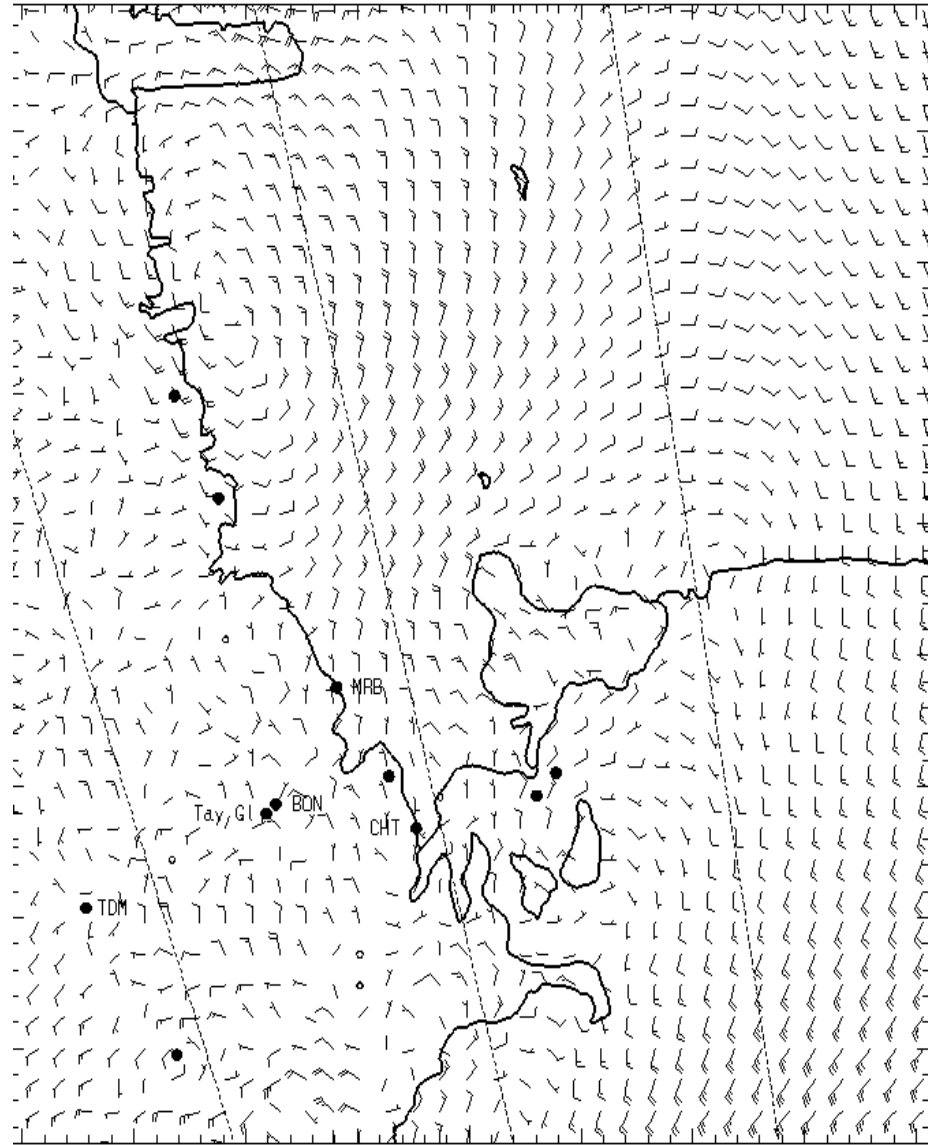


1300L

1,000 ft AGL

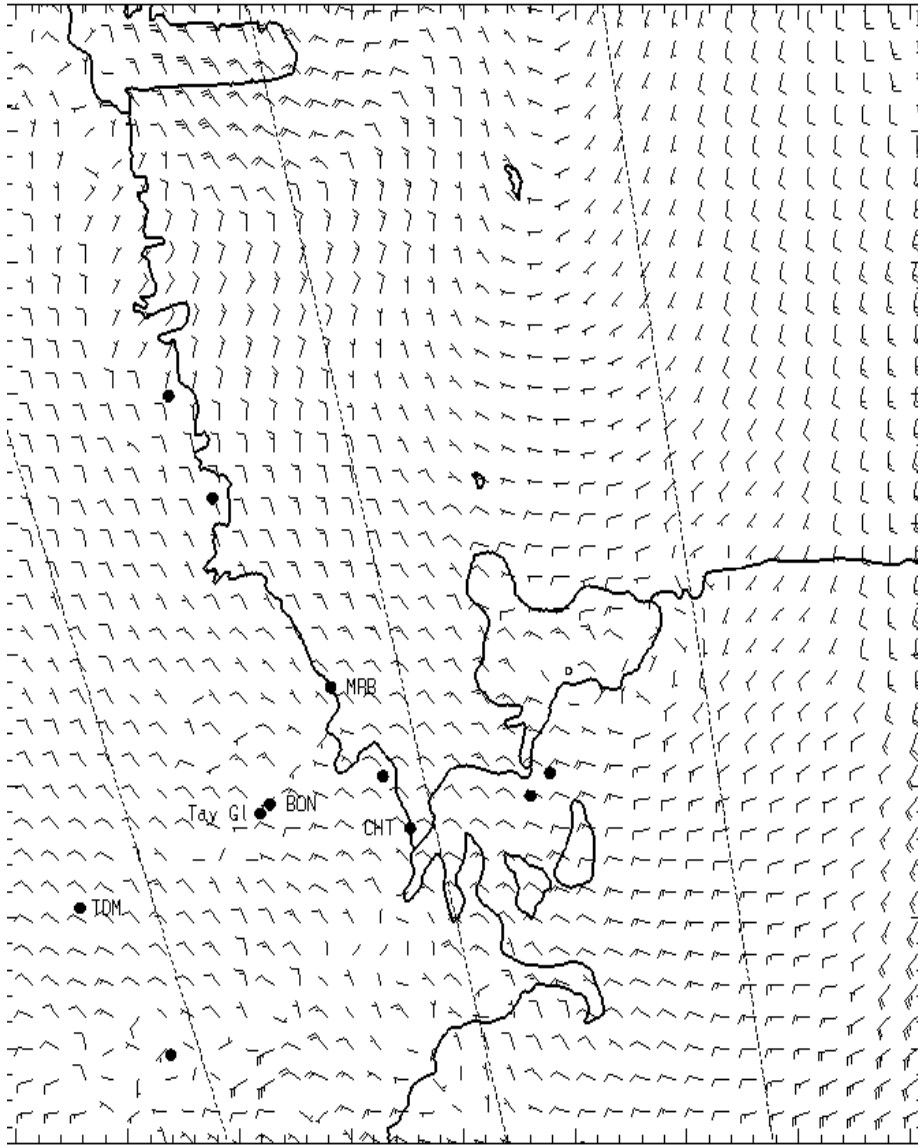


0700L

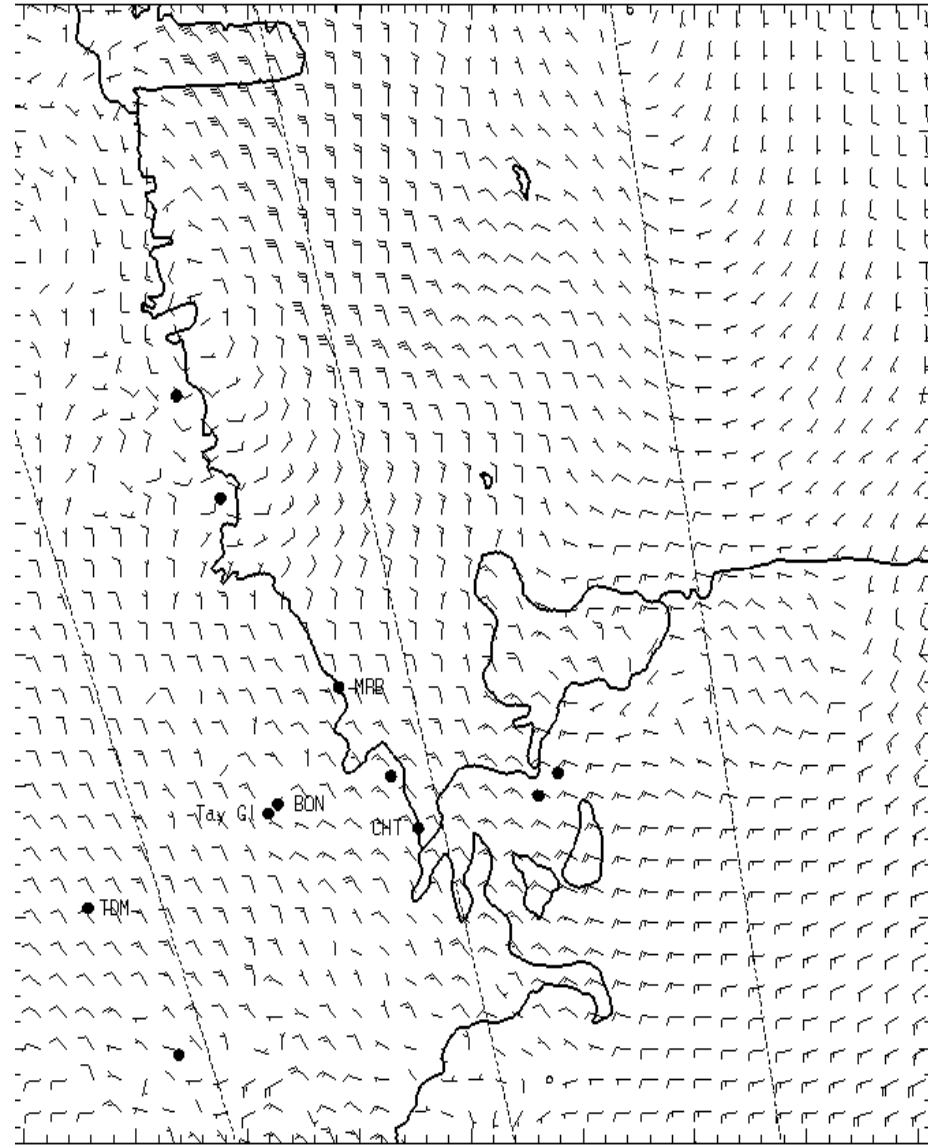


1300L

3,000 ft AGL

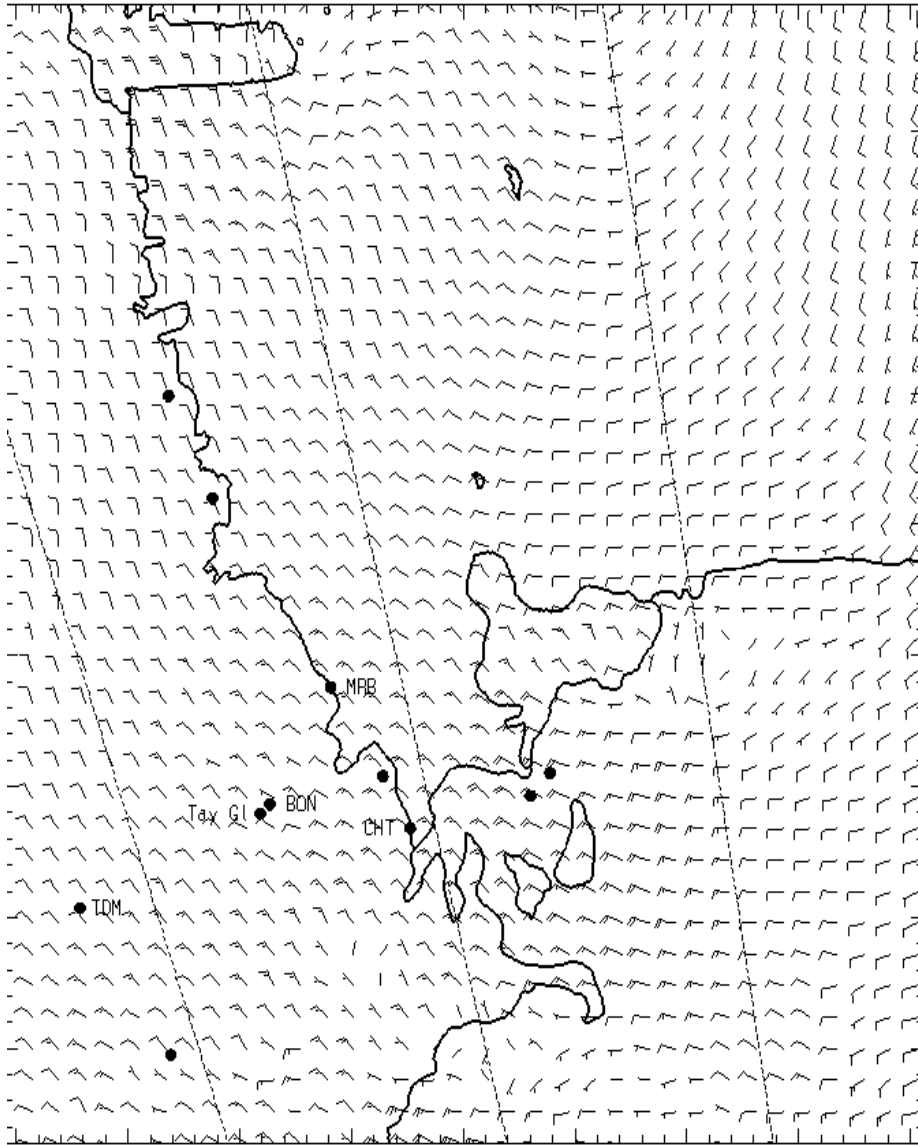


0700L

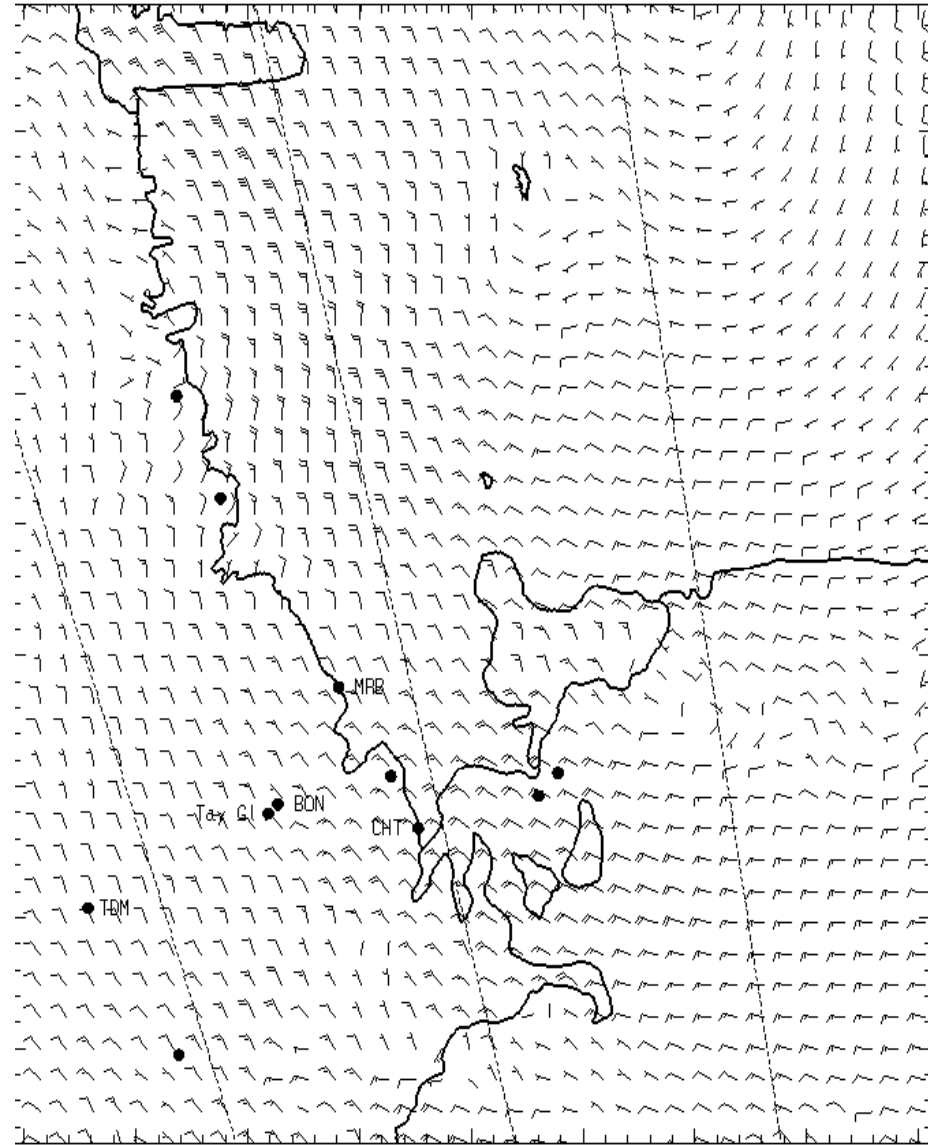


1300L

5,000 ft AGL



0700L



1300L