



Helo Weather

Charleston ROF
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Date (L): Friday 23 December 2023

Brief Time (L): 0615

Briefing Number: 12-021

FCSTR: Bob Michael

REGIONAL SUMMARY

Snow ends, winds diminish, and clouds and visibility lift slowly as the low to the northeast weakens and drifts away. The day begins with an extensive area of low clouds (ceilings at around 1,000 feet) blanketing the Ross Ice Shelf, however, and the edge is extending just across Hut Point and into the sound, with light snow accompanying. That cloudiness should retreat from west to east by late morning.

HAZARDS

Light rime icing in low clouds where present, 008-020

LATEST MCMURDO OBSERVATION

METAR NZCM 221555Z AUTO 07018KT 9999 OVC009 M07/M10 A2922 RMK AO2 CIG 008V010 SLP899 T10751096=

RUNWAY TAF

TAF NZWD 221457Z 2215/2315 (2304/2404NZDT) 10012KT 9000 -SN DRSN BKN008 BKN100 BKN180 620081 QNH2925INS GRID27012KT
BECMG 2217/2219 (2306/2308) 07009KT 9999 NSW SCT008 BKN100 QNH2927INS GRID24009KT
TEMPO 2219/2224 (2308/2313) 06007KT 9000 -SN BKN008 BKN100 GRID23007KT

MCMURDO HELIPAD FORECAST (VALID TIME: 23/0600L - 1800L)

SFC WIND (TRUE): 07015G20KT
SFC VISIBILITY (SM): UNRES TEMPO -SN UNTIL 09L
SKY CONDITION (AGL): BKN008 OVC060 BECMG SCT010 BKN060 BKN120 AFT 09L
MIN ALSTG: 29.25INS
HAZARDS: LGT RIME ICNG 008-020

SITE & AREA FORECASTS (VALID TIME: 23/0600L - 1800L)

MARBLE POINT

SFC WIND (TRUE): 14015KT BECMG 12009 AFT 12L
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): SCT010 BKN060 BKN120
MIN ALSTG: 29.21INS
HAZARDS: NIL

SEA ICE EDGE (5 STOPS) (Assuming McMurdo Sound to vicinity Cape Bird)

SFC WIND (TRUE): 12025KT IN MCMURDO SOUND TO VRB06KT VCNTY CAPE BIRD

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): BKN060 BKN120

MIN ALSTG: 29.15INS

HAZARDS: NIL

DELTA GAGE/UPPER DELTA

SFC WIND (TRUE): 06009KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): BKN060 BKN120

MIN ALSTG: 29.17INS

HAZARDS: NIL

GARWOOD ET/TRIBUTARY

SFC WIND (TRUE): 08007KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): BKN060 BKN120

MIN ALSTG: 29.03INS

HAZARDS: NIL

BELOW GARWOOD GLACIER

SFC WIND (TRUE): 10008KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): BKN060 BKN120

MIN ALSTG: 29.10INS

HAZARDS: NIL

WALES STREAM

SFC WIND (TRUE): 05008KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT010 BKN060 BKN120

MIN ALSTG: 29.15INS

HAZARDS: NIL

NEW HARBOR

SFC WIND (TRUE): 07008KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT010 BKN060 BKN120

MIN ALSTG: 29.18INS

HAZARDS: NIL

CAPE CROZIER

SFC WIND (TRUE): 20020KT BECMG 20015KT AFT 13L

SFC VISIBILITY (SM): 6000 –SN BLSN BR

SKY CONDITION (AGL): BKN008 OVC100

MIN ALSTG: 29.14INS

HAZARDS: LGT RIME ICNG 008-020

BLACK ISLAND

SFC WIND (TRUE): 09008KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT010 BKN060 BKN120

MIN ALSTG: 29.19INS

HAZARDS: NIL

SCOTT BASE

SFC WIND (TRUE): 03012KT

SFC VISIBILITY (SM): UNRES TEMPO –SN UNTIL 09L

SKY CONDITION (AGL): BKN008 OVC060 BECMG SCT010 BKN060 BKN120 AFT 09L

MIN ALSTG: 29.20INS

HAZARDS: LGT RIME ICNG 008-020 BECMG NIL AFT 09L

PRIESTLEY GLACIER CAMP

SFC WIND (TRUE): 29010KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT015 BKN030 OVC080

MIN ALSTG: 28.85INS

HAZARDS: NIL

CAPE REYNOLDS

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT015 BKN030 OVC080

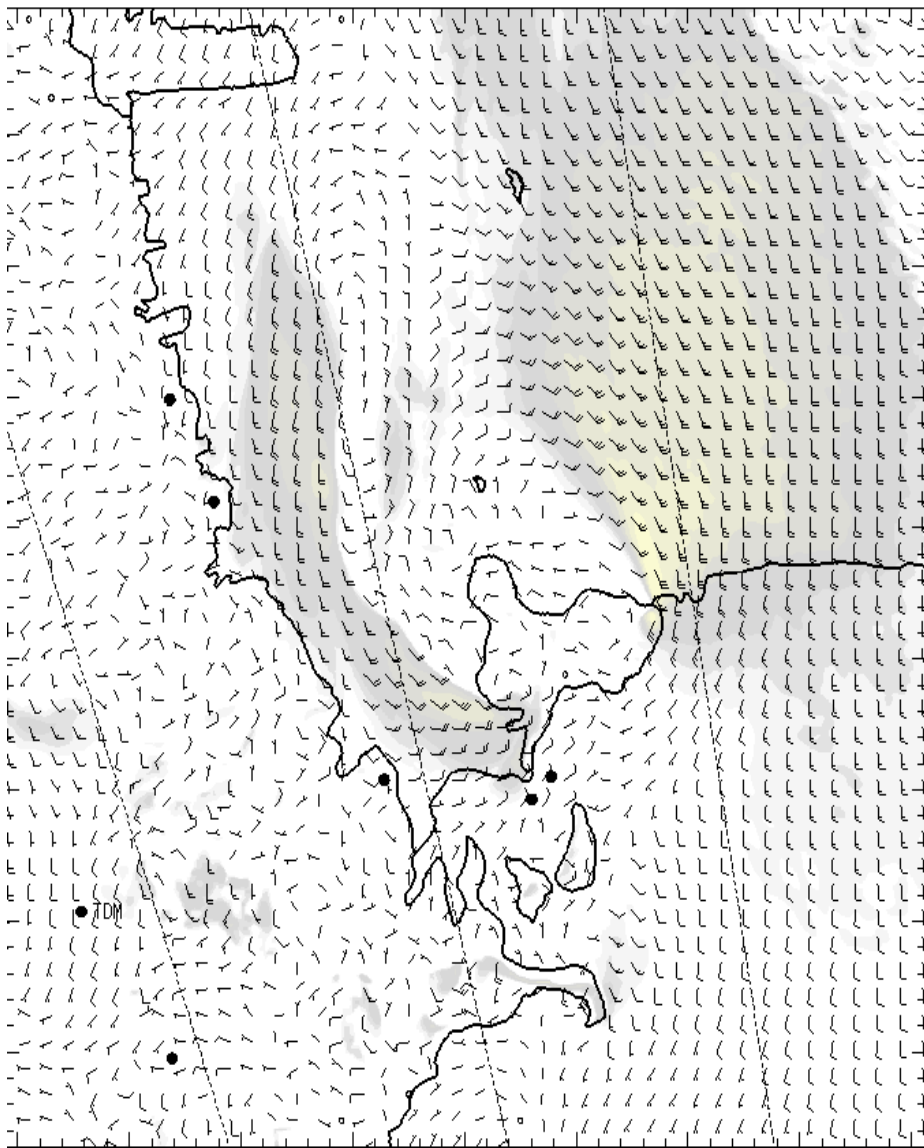
MIN ALSTG: 29.15INS

HAZARDS: NIL

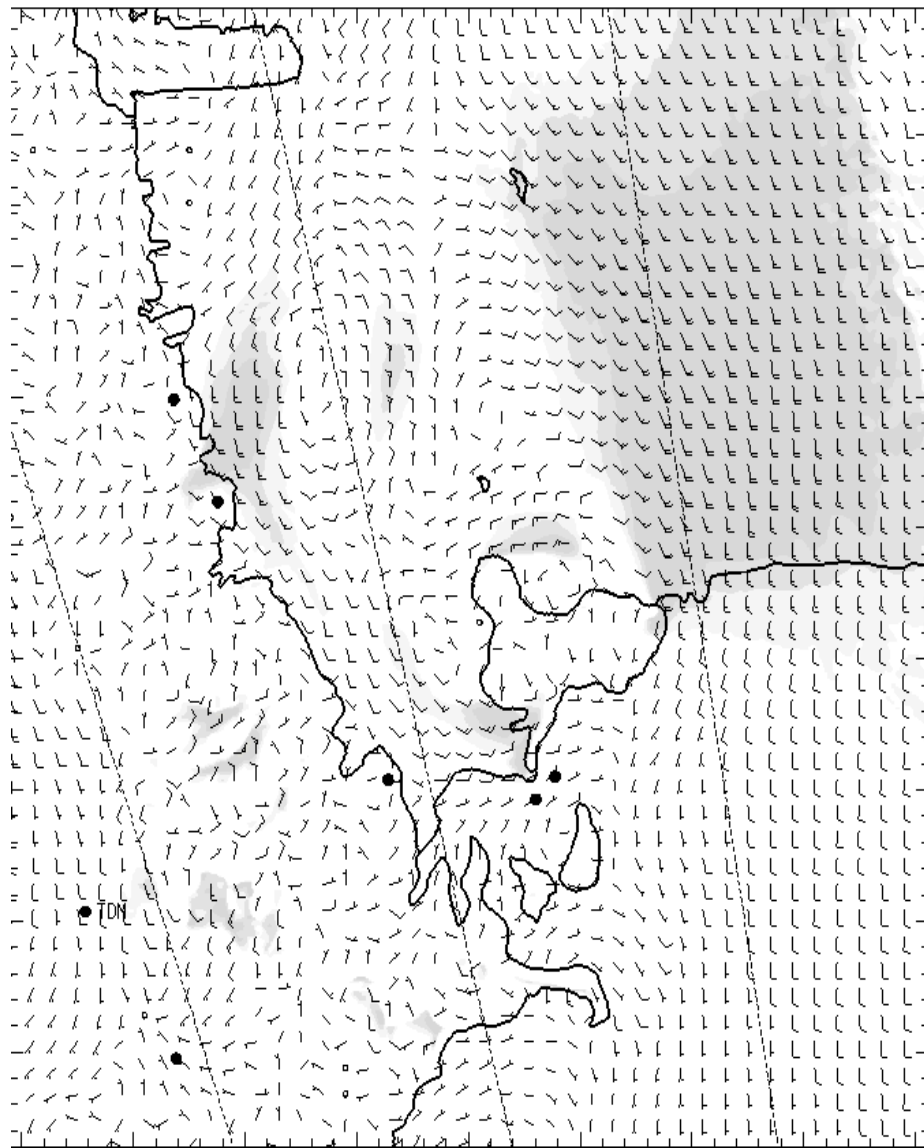
NIGHT SITE & AREA FORECASTS (VALID TIME: 23/1800L – 24/0600L)

NIL

SFC

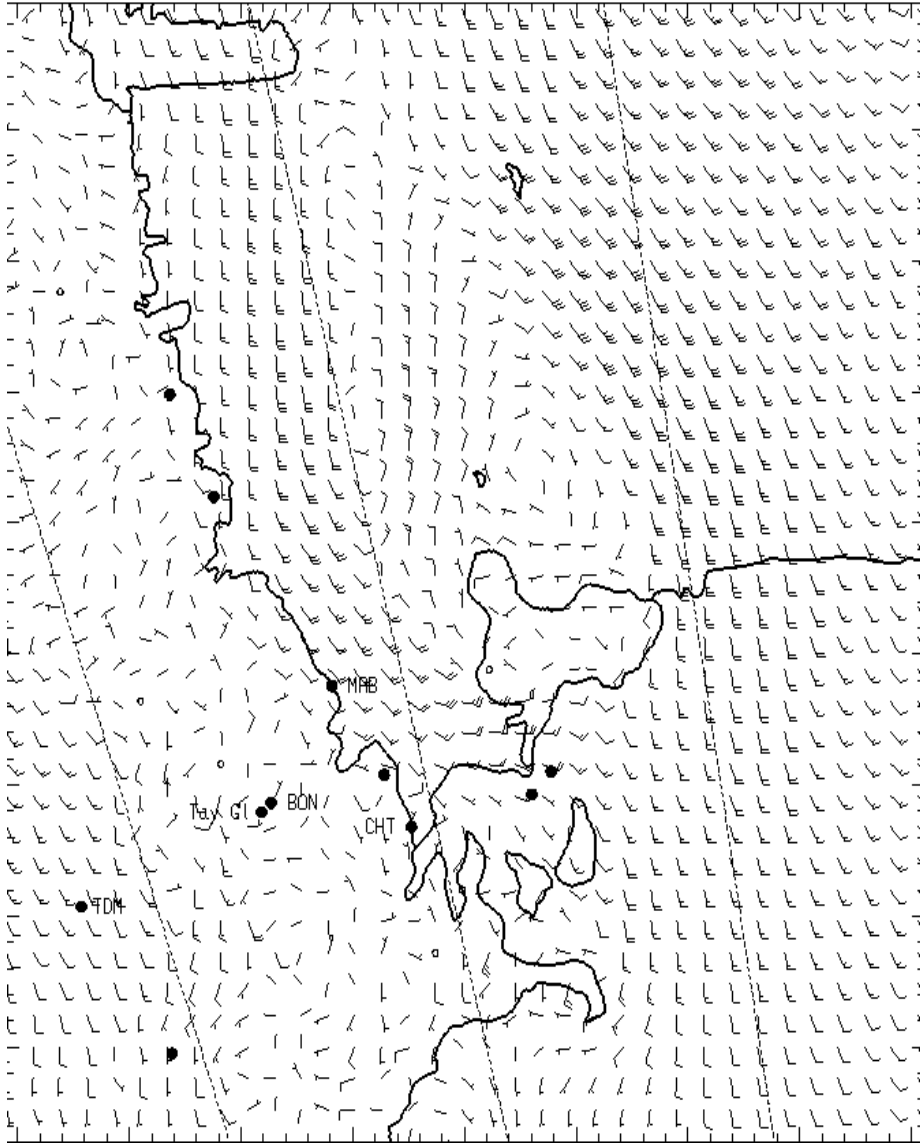


0700L

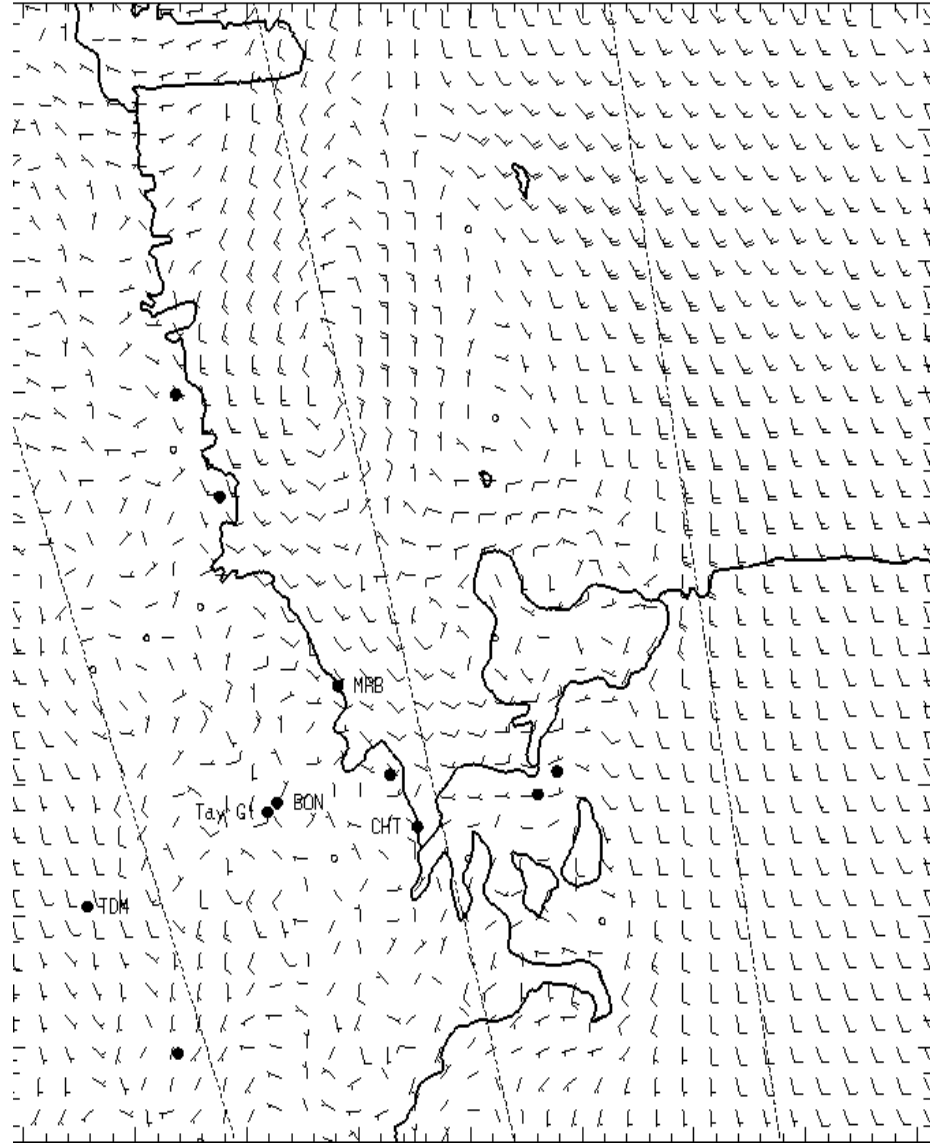


1300L

1,000 ft AGL

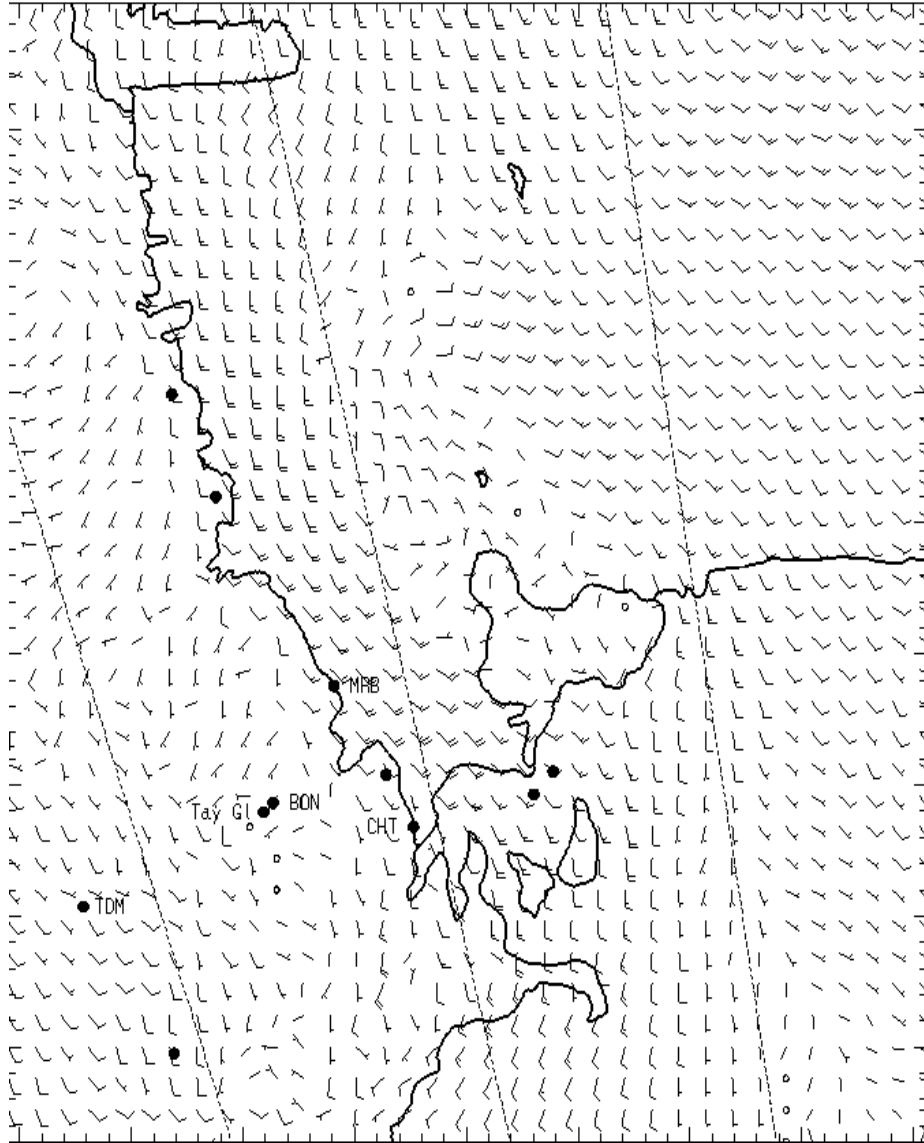


0700L

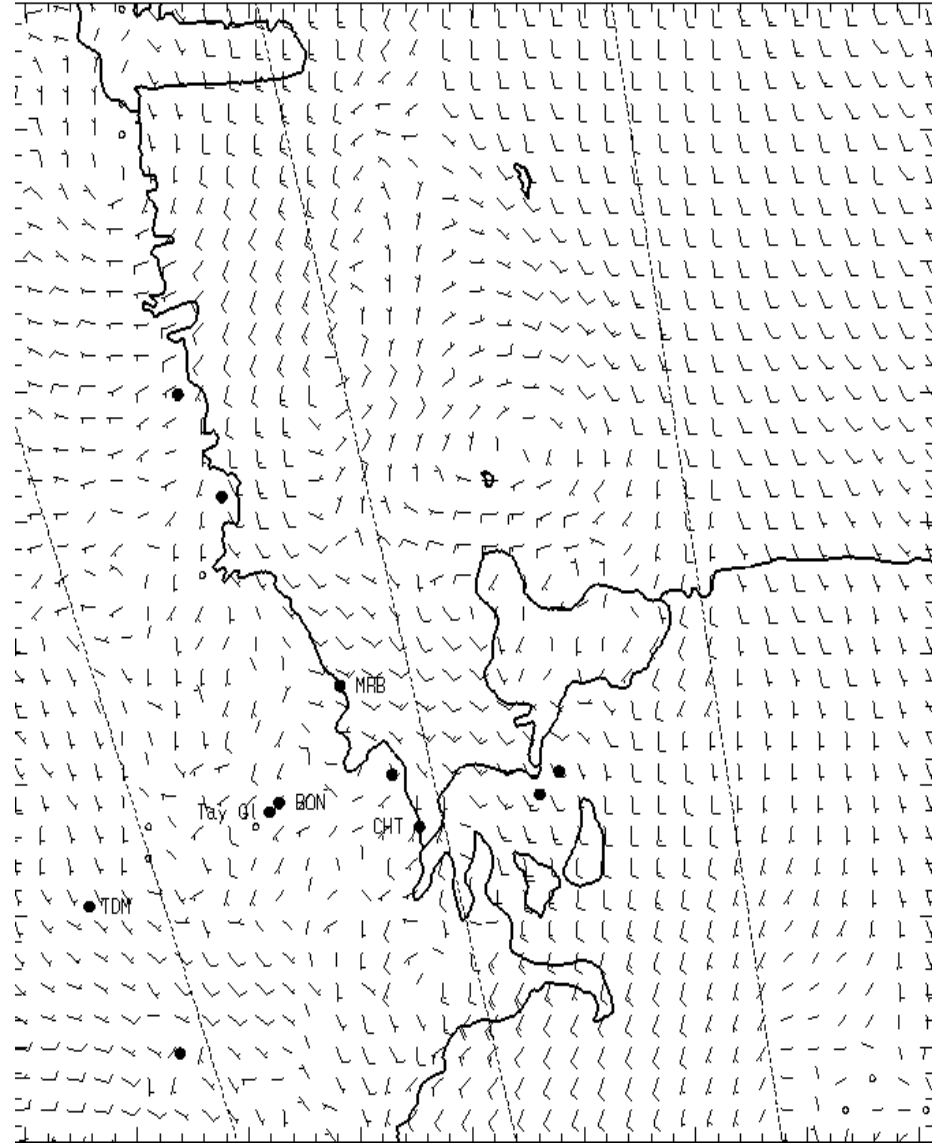


1300L

3,000 ft AGL

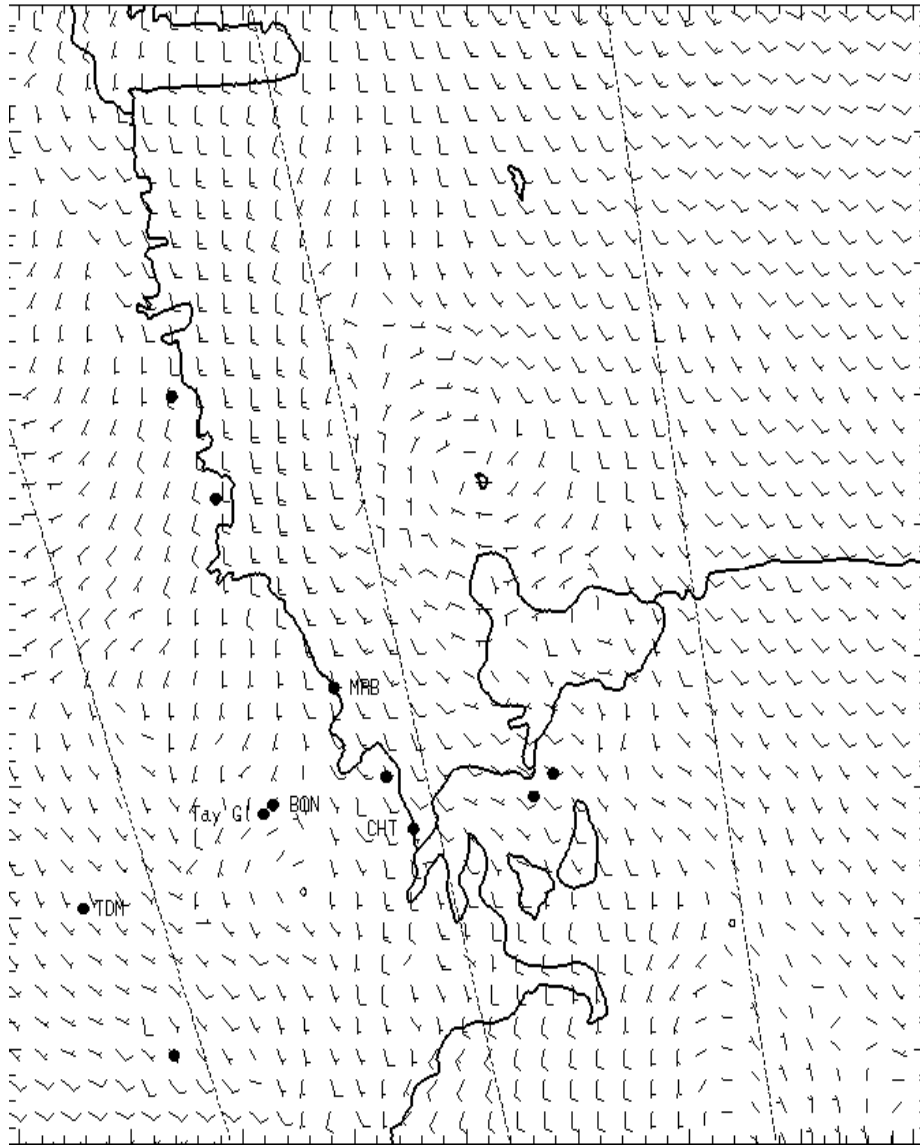


0700L

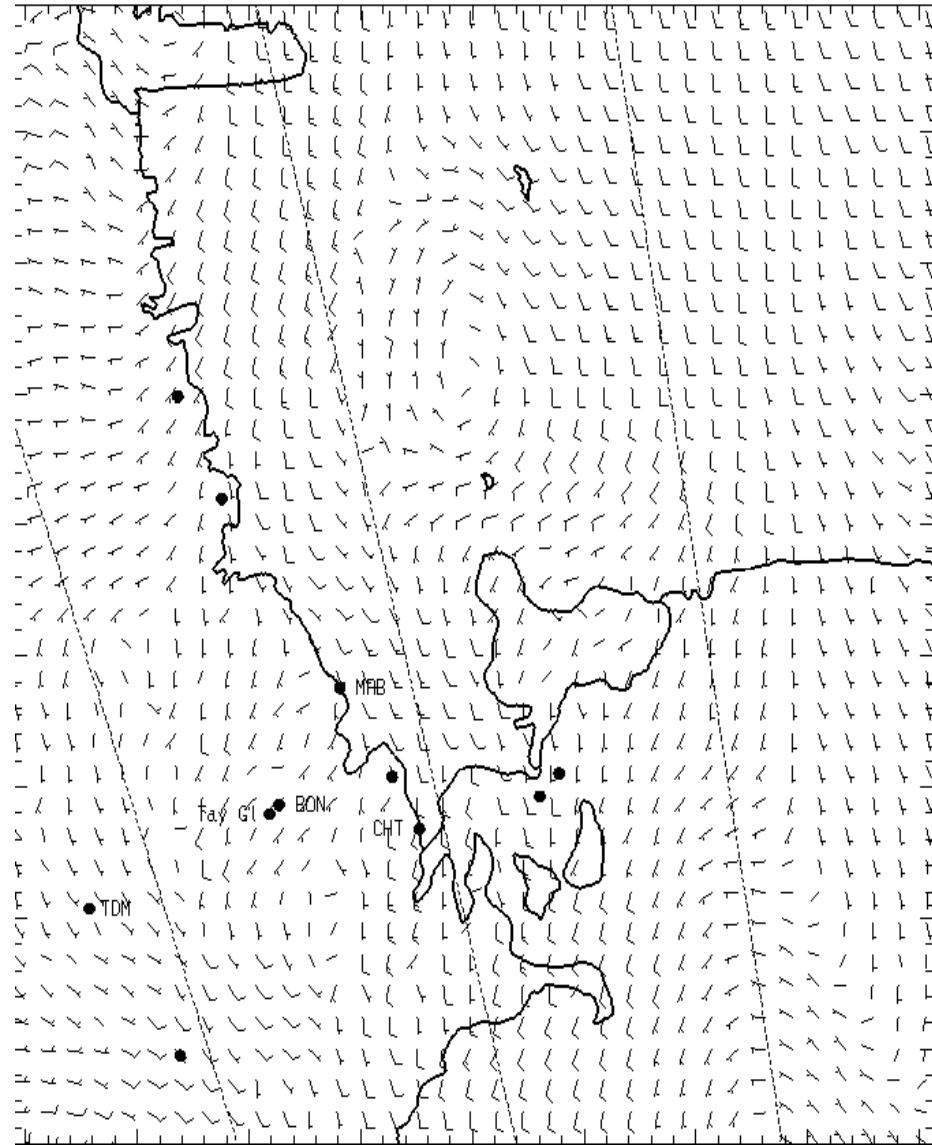


1300L

5,000 ft AGL



0700L



1300L