



HELO Weather

McMurdo Weather
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Duty Forecaster: x42524
Briefing Counter: x43353

Date (L): Tuesday 22 December 2020

Brief Time (L): 0615

Briefing Number: 12-16

FCSTR: John Meyer

REGIONAL SUMMARY

Low pressure remains parked on the Ross Ice Shelf, though its effects on the Ross Island region are finally subsiding somewhat. Cloudy skies will remain with low ceilings moving in and out, particularly around terrain – though any icing will remain confined to within the clouds today. Winds will also be a factor at exposed locations, with the Valley locations remaining sheltered and mostly calm. These winds will also create some noticeable turbulence in the low levels as the aloft southerly flow interacts with the terrain.

HAZARDS

Light to moderate rime icing in cloud, mostly mid-levels except where terrain rises up into the clouds.
Light to moderate turbulence in the lower levels around and over exposed terrain. Valley locations will be sheltered.

LATEST MCMURDO OBSERVATION

METAR ZCMA 211605Z AUTO 25014G24KT 9999 OVC050 M01/M05 A2893 RMK AO1 SLP801 GRID06014G24KT=

RUNWAY TAFS

TAF NZFX 211501Z 2115/2215 (2204/2304NZDT) 21012KT 9999 FEW020 SCT040 BKN060 620703 510203 QNH2893INS GRID02012KT
TEMPO 2115/2118 (2204/2207) 18015G25KT 8000 BLSN GRID35015G25KT
BECMG 2118/2120 (2207/2209) 07012KT 9999 FEW035 SCT060 BKN080 620802 510104 QNH2895INS GRID24012KT
TEMPO 2120/2201 (2209/2214) 15015G25KT 8000 BLSN 520004 GRID32015G25KT
BECMG 2123/2201 (2212/2214) 18012G18KT 9999 DRSN BKN100 510103 QNH2896INS GRID35012G18KT
BECMG 2205/2207 (2218/2220) VRB06KT 9999 NSW FEW030 BKN100 QNH2898INS

MCMURDO HELIPAD FORECAST (VALID TIME: 22/0600L – 22/1800L)

SFC WIND (TRUE): VRB03KT BECMG 14010G22KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): FEW025 SCT050 BKN070
MIN ALSTG: 2892INS
HAZARDS: LGT-MDT ICG 070-100 / LGT TURBC SFC-060

SITE & AREA FORECASTS (VALID TIME: 22/0600L – 22/1800L)

BLACK ISLAND

SFC WIND (TRUE): 18010G20KT TEMPO 18040G50KT 6-12L
SFC VISIBILITY (SM): UNRES TEMPO 1 – 3 BR 6-12L
SKY CONDITION (AGL): FEW000 SCT015 BKN060 BECMG FEW015 SCT040 BKN060
MIN ALSTG: 2891INS
HAZARDS: LGT-MDT ICG 060-100 / LGT-MDT TURBC SFC-050

CAPE CROZIER

SFC WIND (TRUE): 22025G35KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW015 SCT040 BKN060

MIN ALSTG: 2887INS

HAZARDS: LGT-MDT ICG 060-100 / LGT TURBC SFC-020

CAPE ROYDS

SFC WIND (TRUE): 17020G30KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW010 SCT030 BKN050

MIN ALSTG: 2888INS

HAZARDS: LGT-MDT ICG 050-080 / LGT TURBC SFC-030

MT NEWALL

SFC WIND (TRUE): VRB05KT

SFC VISIBILITY (SM): 1 – 3 -SN BR

SKY CONDITION (AGL): SCT000 BKN020

MIN ALSTG: 2867INS

HAZARDS: LGT-MDT ICG SFC-050

BULL PASS

SFC WIND (TRUE): 12003KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW015 BKN040

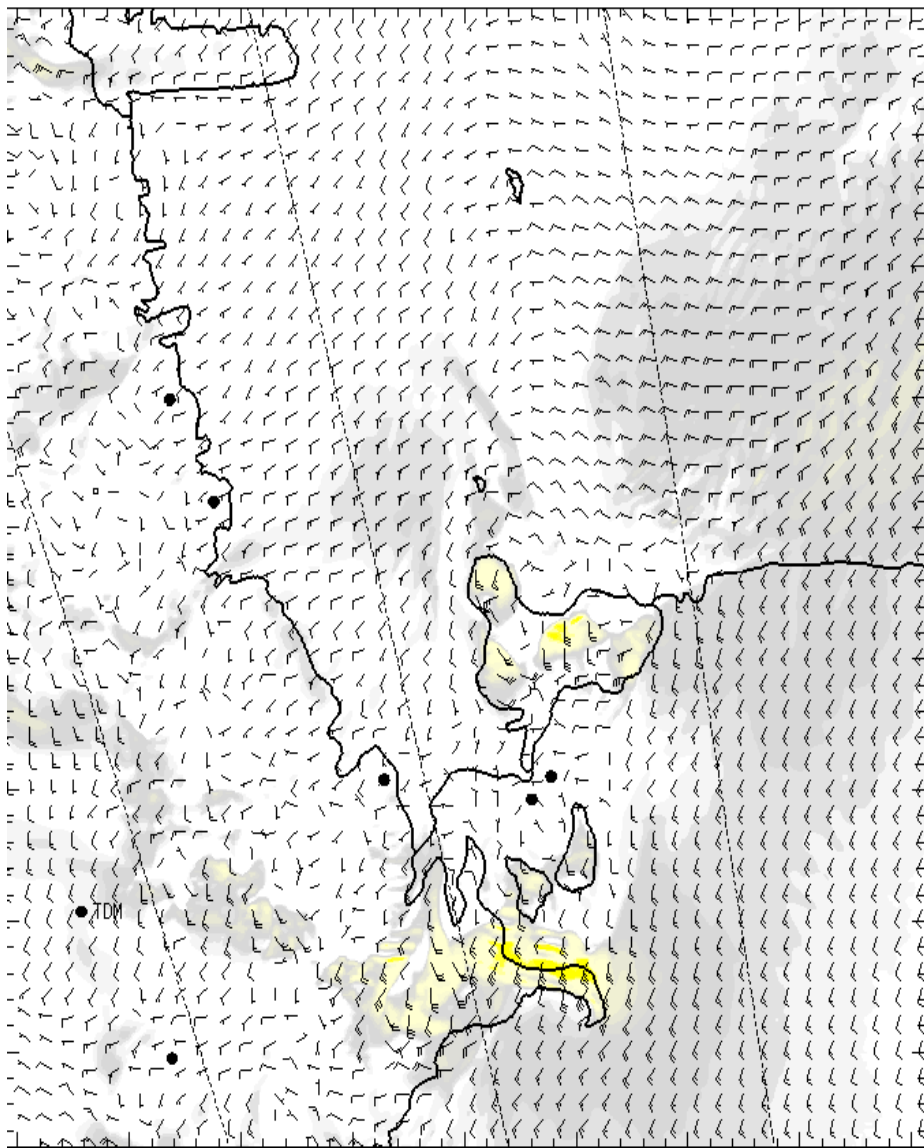
MIN ALSTG: 2886INS

HAZARDS: LGT-MDT ICG 040-100

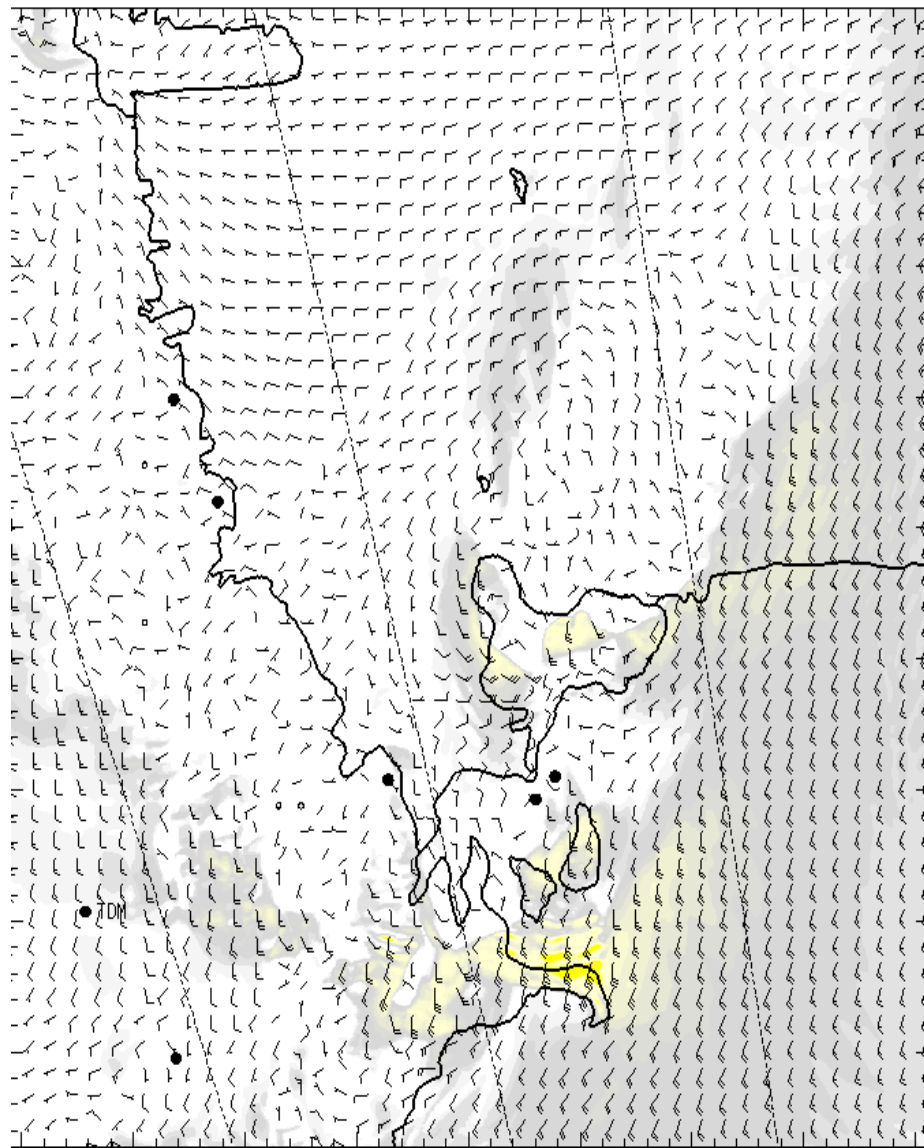
NIGHT AREA OUTLOOKS (VALID TIME: 22/1800L – 23/0600L)

NIL

SFC

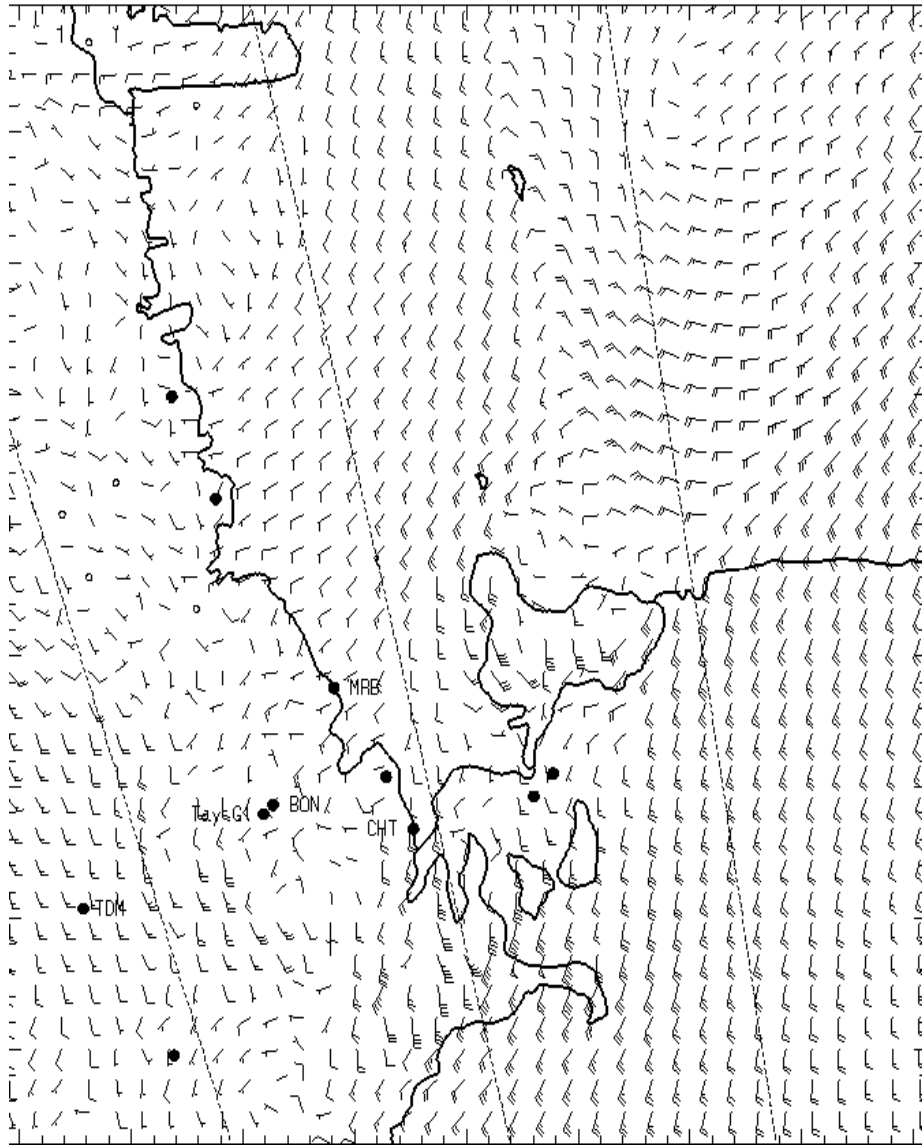


0700L

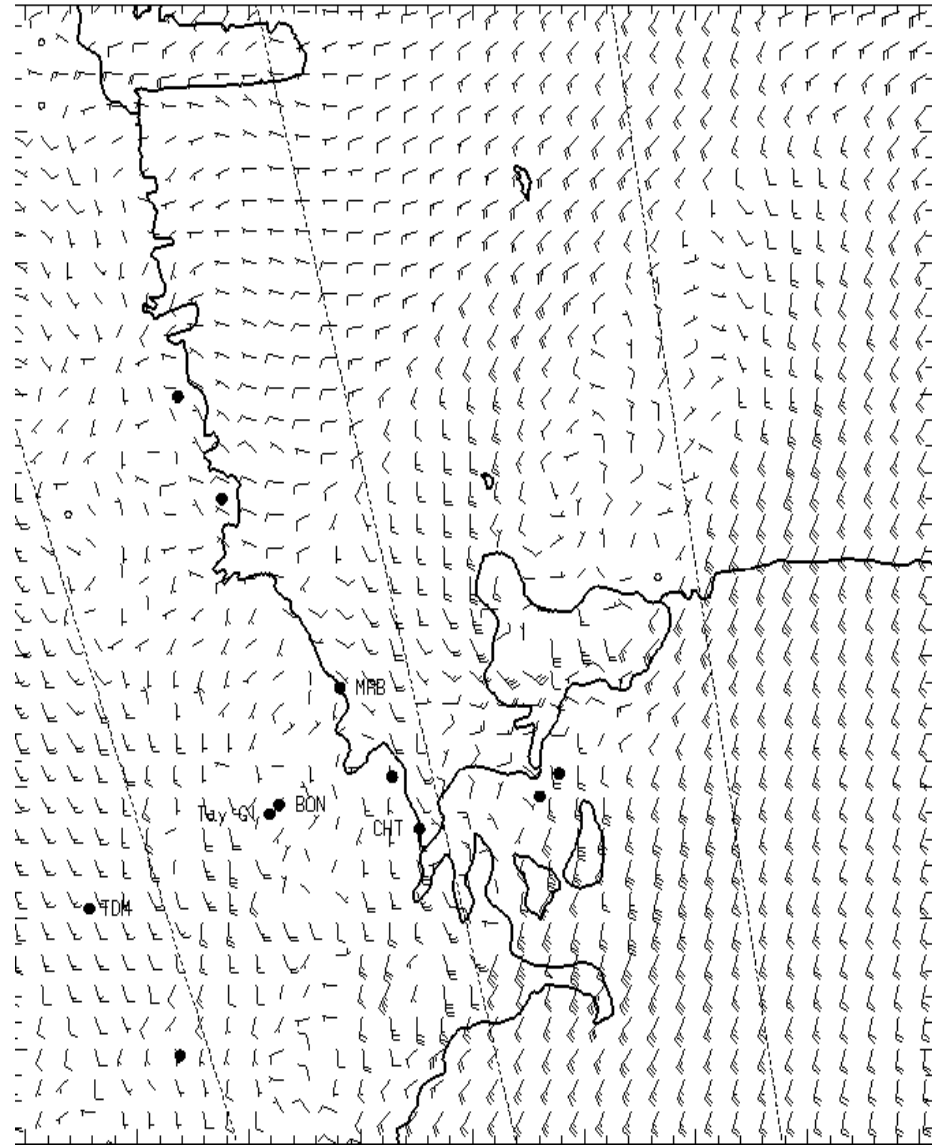


1300L

1,000 ft AGL

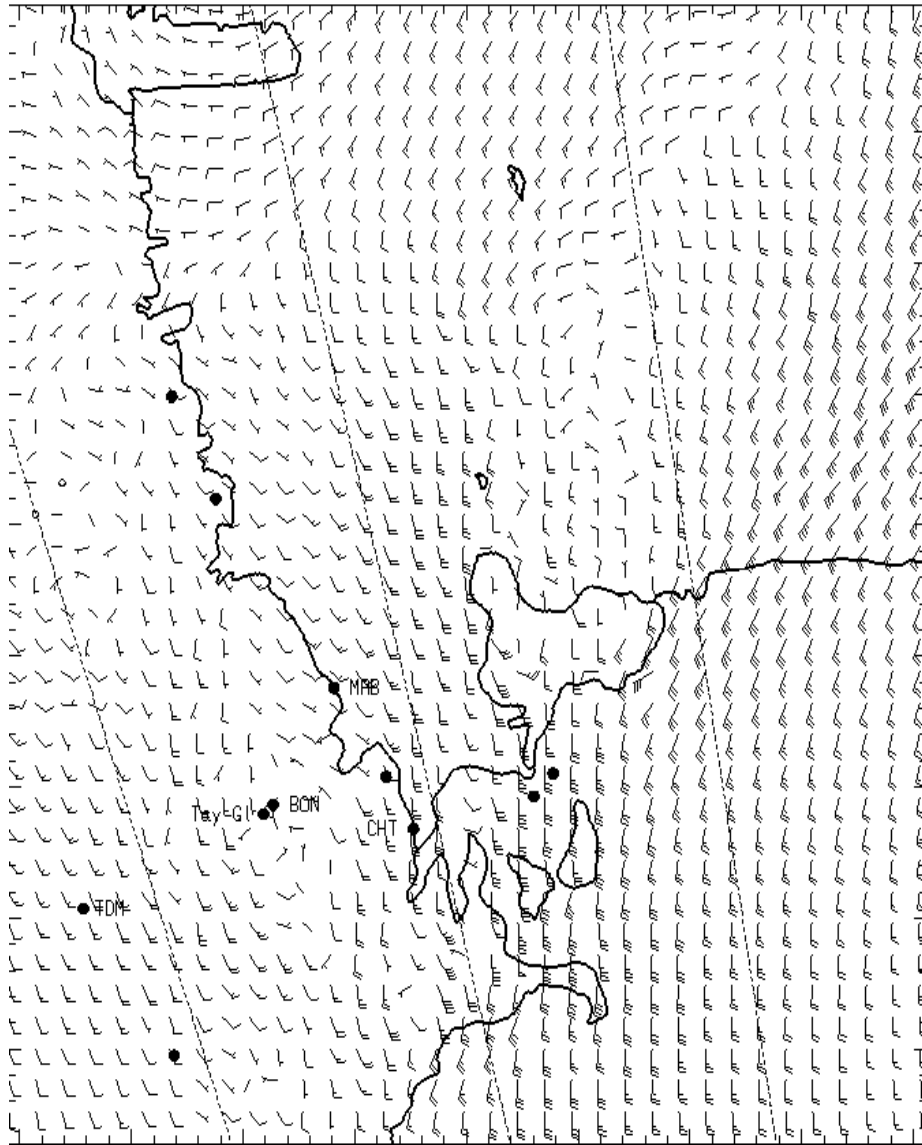


0700L

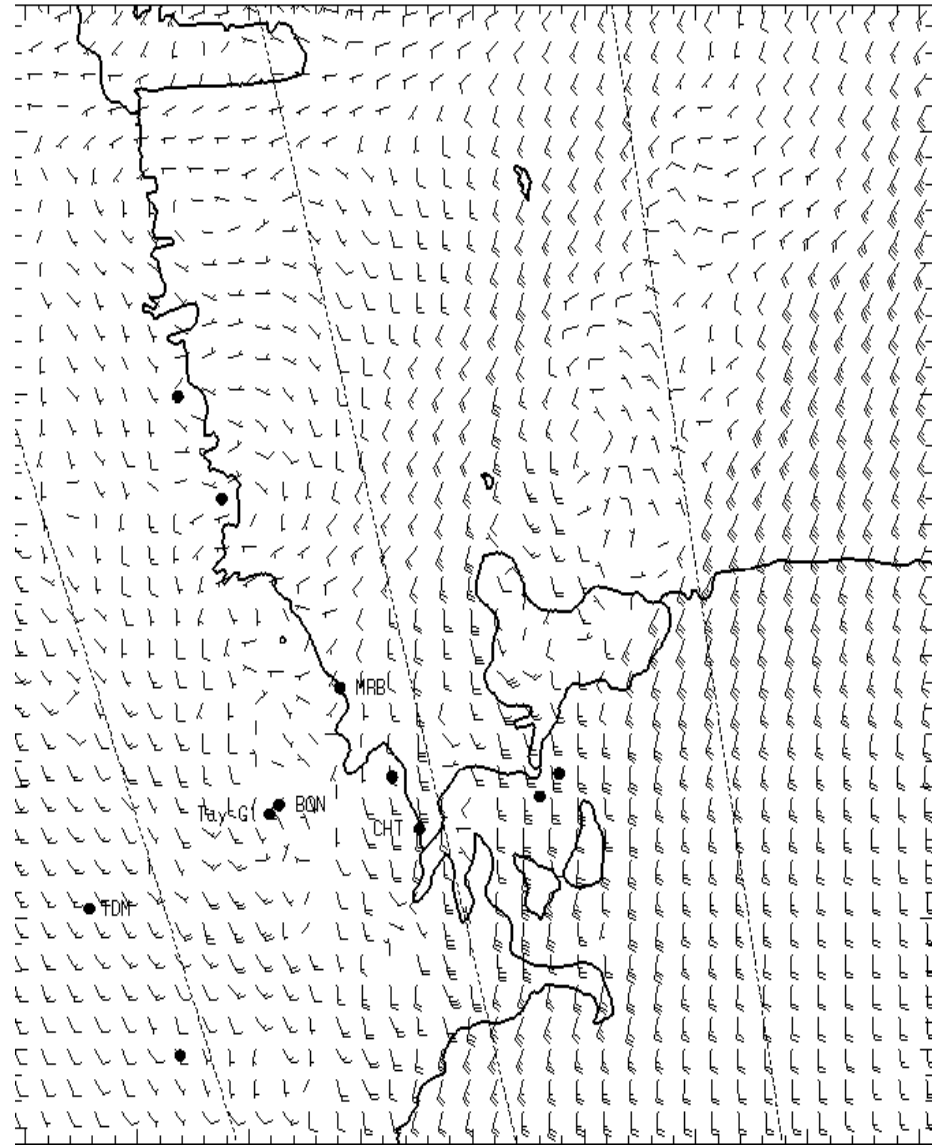


1300L

3,000 ft AGL

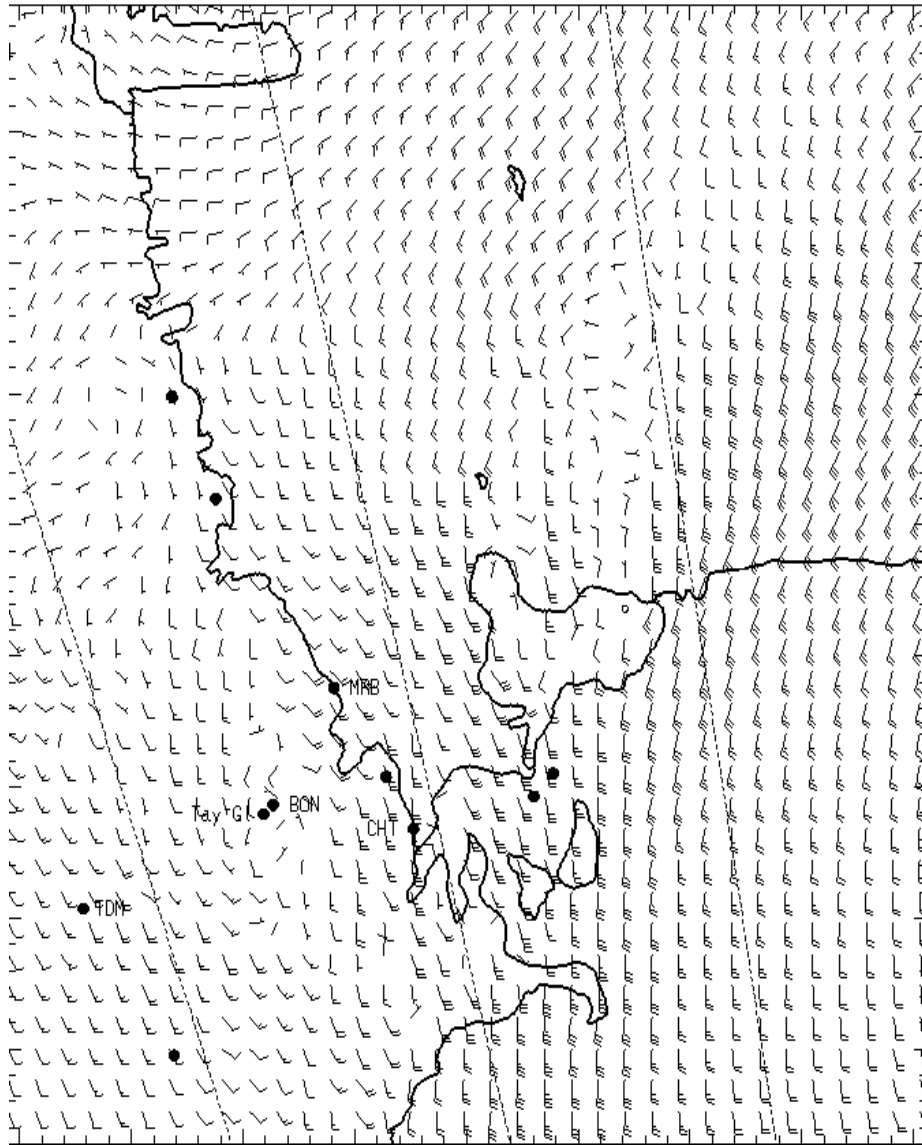


0700L

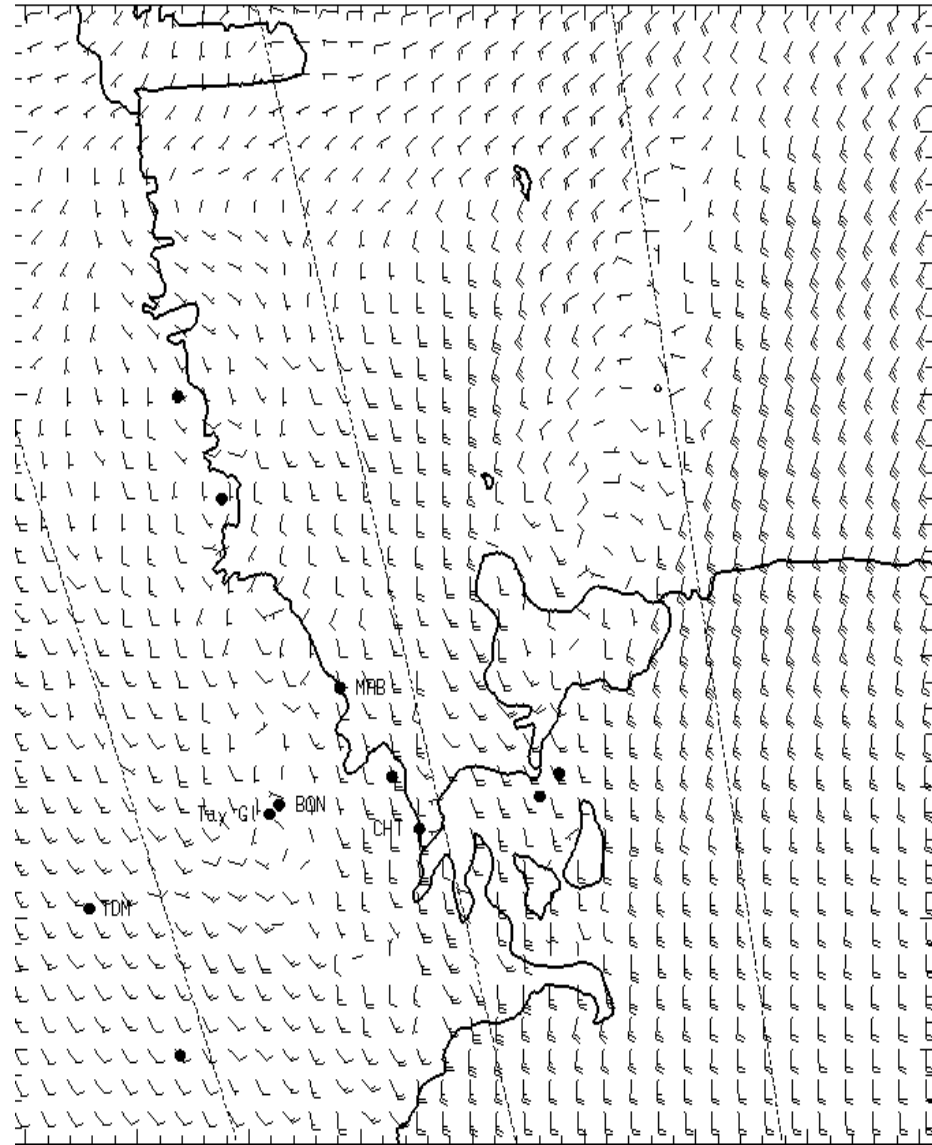


1300L

5,000 ft AGL



0700L



1300L