



HELO Weather

McMurdo Weather
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Duty Forecaster: x42524
Briefing Counter: x43353

Date (L): Thursday 21 January 2021

Brief Time (L): 0615

Briefing Number: 01-16

FCSTR: John Meyer

REGIONAL SUMMARY

Low pressure remains nearby in the Ross Sea, with abundant moisture socking in the Ross Island region. The low is slowly getting pulled to the east, which will slowly begin to break the overcast skies, but this will only happen gradually over the course of the next 24 hours. While winds remain breezy this morning, they will lighten a bit as the day goes on. However, low ceilings, snow, and mist will remain in the area through most of the day with no significant wind flow to push them out. Icing will once again be the main problem today both in the clouds and the precipitation below.

HAZARDS

Light to moderate rime icing in cloud and precipitation at all locations.

LATEST MCMURDO OBSERVATION

METAR ZCMA 201631Z AUTO 15008KT 2400 -SN BR OVC008 M04/M05 A2944 RMK AO1 SLP974 GRID32008KT=

RUNWAY TAFS

TAF NZFX 201455Z 2015/2115 (2104/2204NZDT) 12015KT 8000 -SN BR SCT020 BKN030 OVC040 620307 QNH2942INS GRID29015KT
TEMPO 2015/2019 (2104/2108) VRB06KT 1600 -SN BR SCT010 BKN020 OVC030 650208
BECMG 2017/2019 (2106/2108) 03007KT 0800 -SN FZFG OVC010 620109 QNH2939INS GRID20007KT
TEMPO 2019/2101 (2108/2114) VRB05KT 0400 FZFG OVC008 620089
BECMG 2101/2103 (2114/2116) 29009KT 6000 BR SCT010 SCT025 BKN070 QNH2934INS GRID10009KT
TEMPO 2103/2108 (2116/2121) BKN010 BKN070
BECMG 2108/2110 (2121/2123) 16012KT 9999 NSW FEW010 SCT025 SCT085 QNH2929INS GRID33012KT

MCMURDO HELIPAD FORECAST (VALID TIME: 21/0600L – 21/1800L)

SFC WIND (TRUE): 20012KT BECMG 32015G25KT AFT 11L
SFC VISIBILITY (SM): 1/2 – 2 -SN BR TEMPO UNRES 9-14L
SKY CONDITION (AGL): BKN020 OVC030 BECMG BKN030 BKN050 AFT 10L
MIN ALSTG: 2935INS
HAZARDS: LGT-MDT ICG SFC-100 BECMG LGT ICG 030-100 AFT 10L

SITE & AREA FORECASTS (VALID TIME: 21/0600L – 21/1800L)

PK 1882

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): 1/2 – 2 -SN BR
SKY CONDITION (AGL): BKN000 OVC020 BECMG BKN000 BKN030 AFT 9L
MIN ALSTG: 2902INS
HAZARDS: LGT-MDT ICG SFC-060

MT COATES

SFC WIND (TRUE): VRB03KT

SFC VISIBILITY (SM): 1/2 – 2 -SN BR

SKY CONDITION (AGL): BKN000 OVC020 BECMG BKN000 BKN030 AFT 9L

MIN ALSTG: 2900INS

HAZARDS: LGT-MDT ICG SFC-060

MT VOSLIPS

SFC WIND (TRUE): VRB05KT

SFC VISIBILITY (SM): 1/2 – 2 -SN BR

SKY CONDITION (AGL): BKN000 OVC015 BECMG BKN000 BKN040 AFT 11L

MIN ALSTG: 2910INS

HAZARDS: LGT-MDT ICG SFC-060

LAKE HOARE

SFC WIND (TRUE): VRB04KT

SFC VISIBILITY (SM): 2 – 4 BR

SKY CONDITION (AGL): SCT030 BKN050

MIN ALSTG: 2925INS

HAZARDS: LGT ICG 050-100

CAPE CROZIER

SFC WIND (TRUE): 18020G30KT BECMG 31012G18KT

SFC VISIBILITY (SM): 1/4 – 1/2 SN FG

SKY CONDITION (AGL): BKN000 OVC010

MIN ALSTG: 2923INS

HAZARDS: MDT ICG SFC-080

BLACK ISLAND

SFC WIND (TRUE): 16025G32KT BECMG 20015G25KT AFT 9L

SFC VISIBILITY (SM): 1/2 – 2 -SN BR TEMPO UNRES 13-16L

SKY CONDITION (AGL): BKN000 OVC030 BECMG SCT000 BKN020 BKN050 AFT 9L

MIN ALSTG: 2935INS

HAZARDS: LGT-MDT ICG SFC-080 BECMG LGT ICG 020-080 AFT 9L

NEW HARBOR

SFC WIND (TRUE): VRB05KT

SFC VISIBILITY (SM): 1/2 – 2 -SN BR BECMG 2 – 4 BR AFT 9L

SKY CONDITION (AGL): BKN000 OVC015 BECMG SCT000 BKN050 AFT 10L

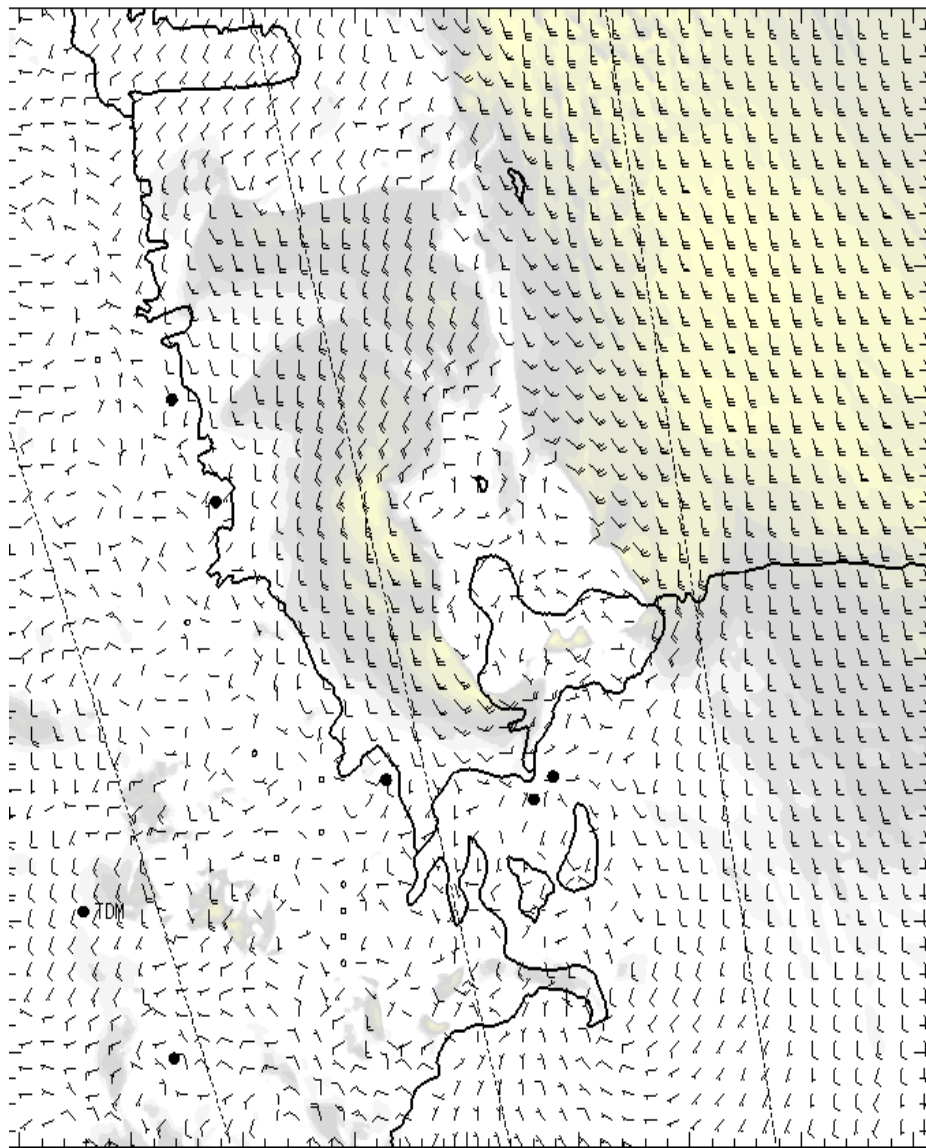
MIN ALSTG: 2928INS

HAZARDS: MDT ICG SFC-080 BECMG LGT ICG SFC-060 AFT 10L

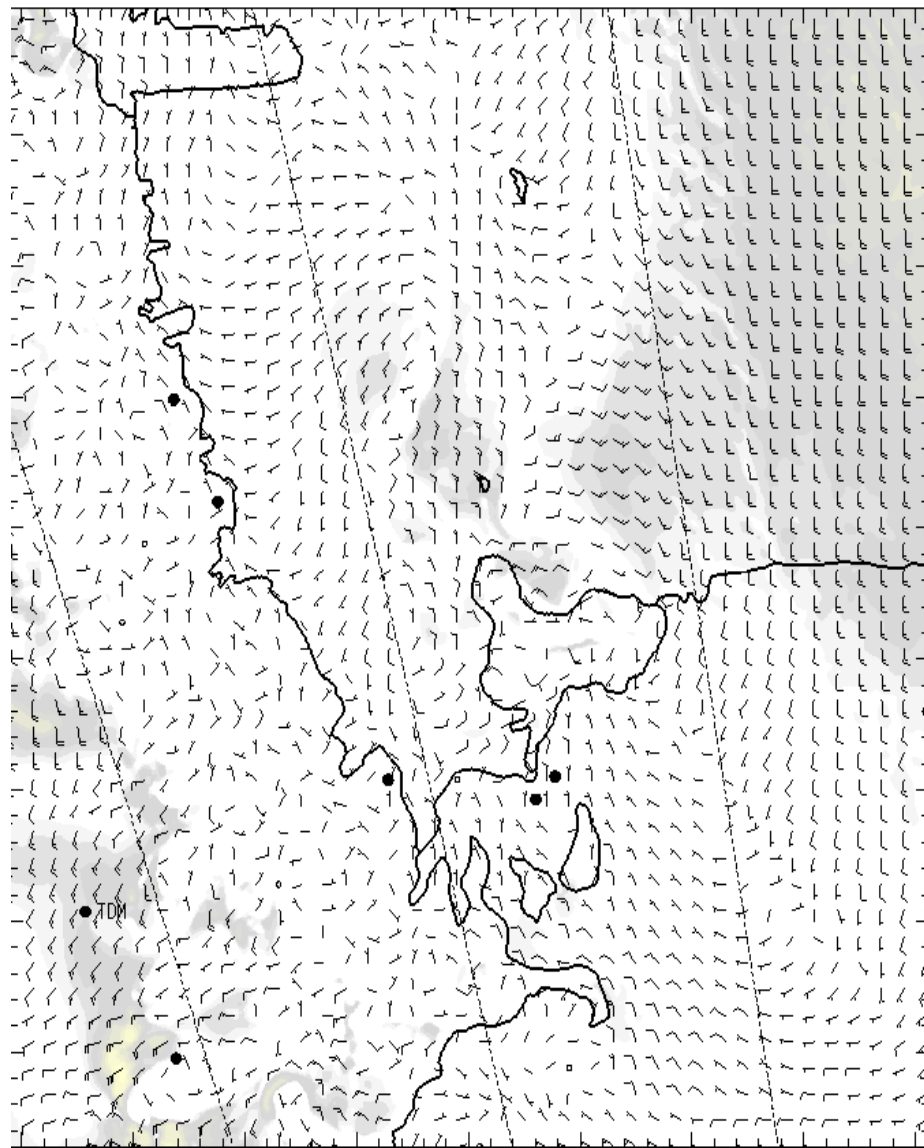
NIGHT AREA OUTLOOKS (VALID TIME: 21/1800L – 22/0600L)

NIL

SFC

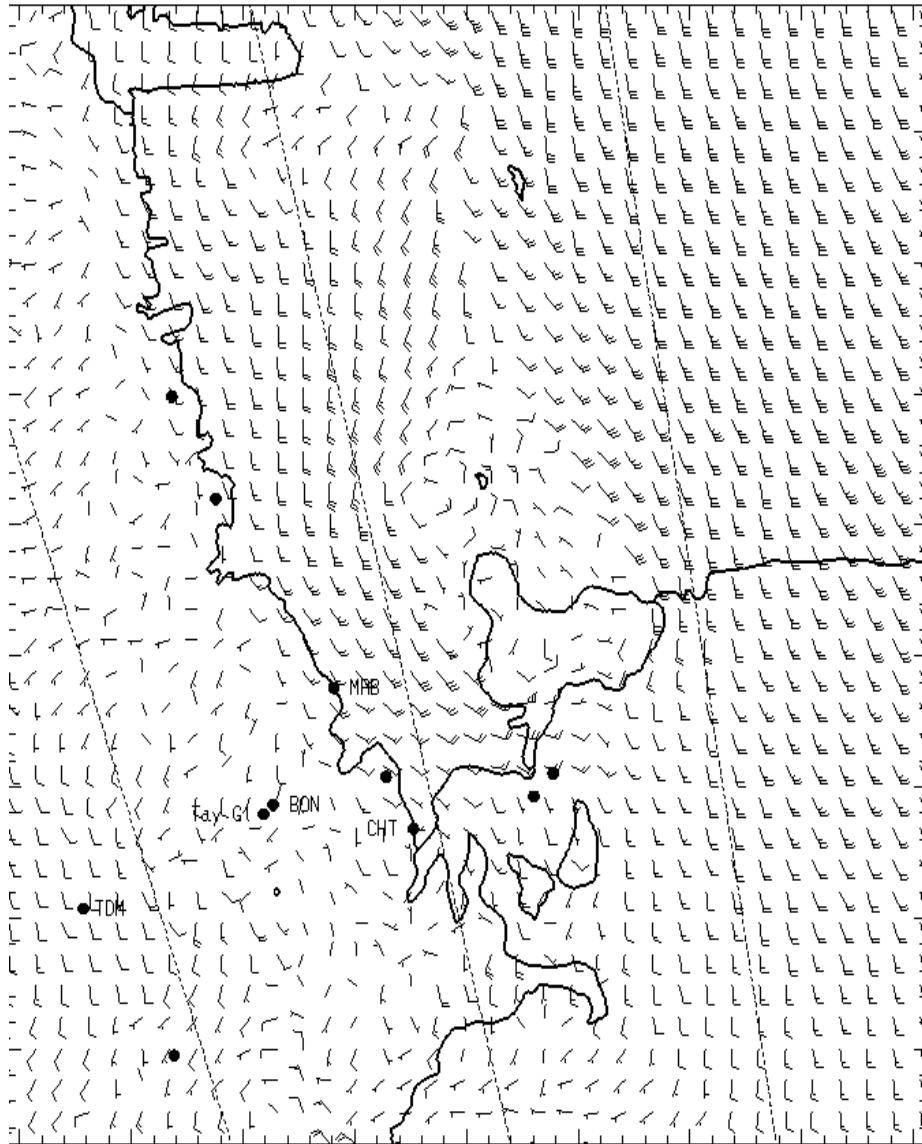


0700L

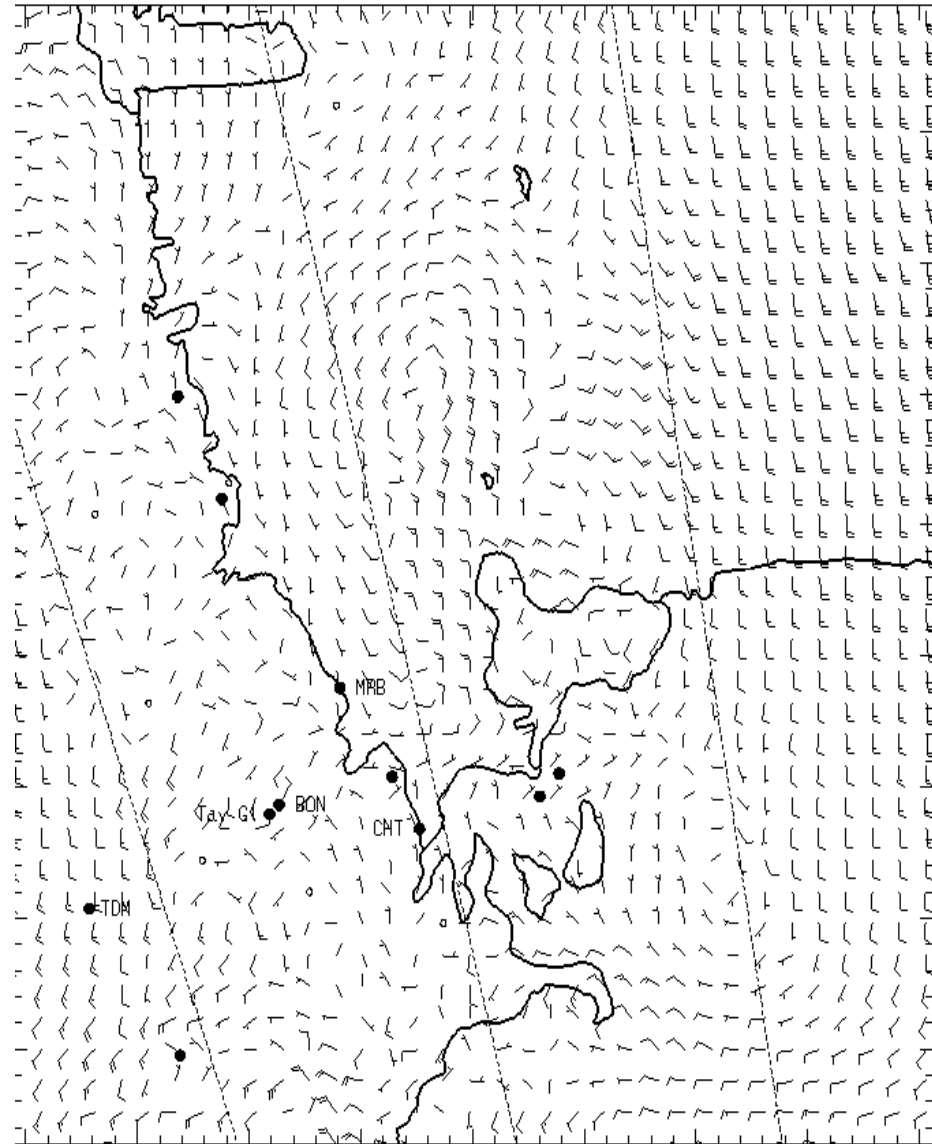


1300L

1,000 ft AGL

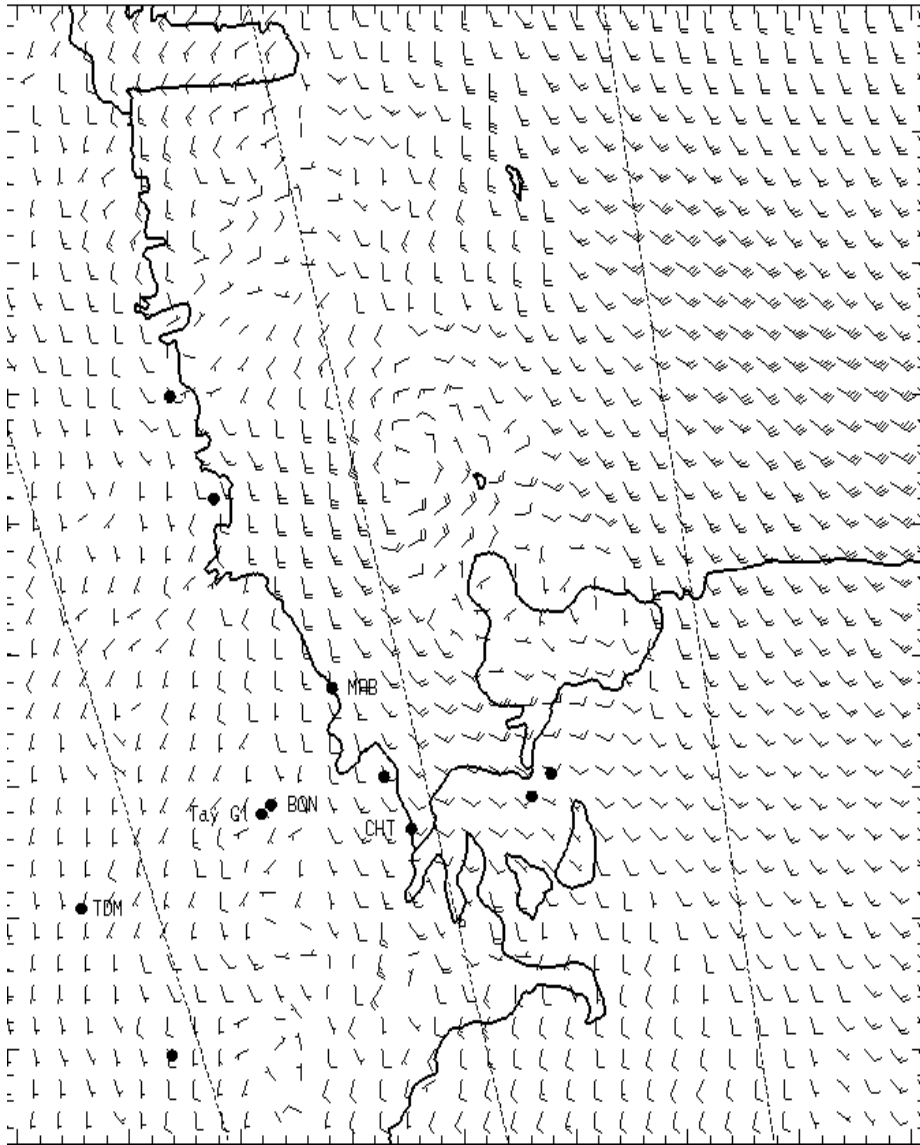


0700L

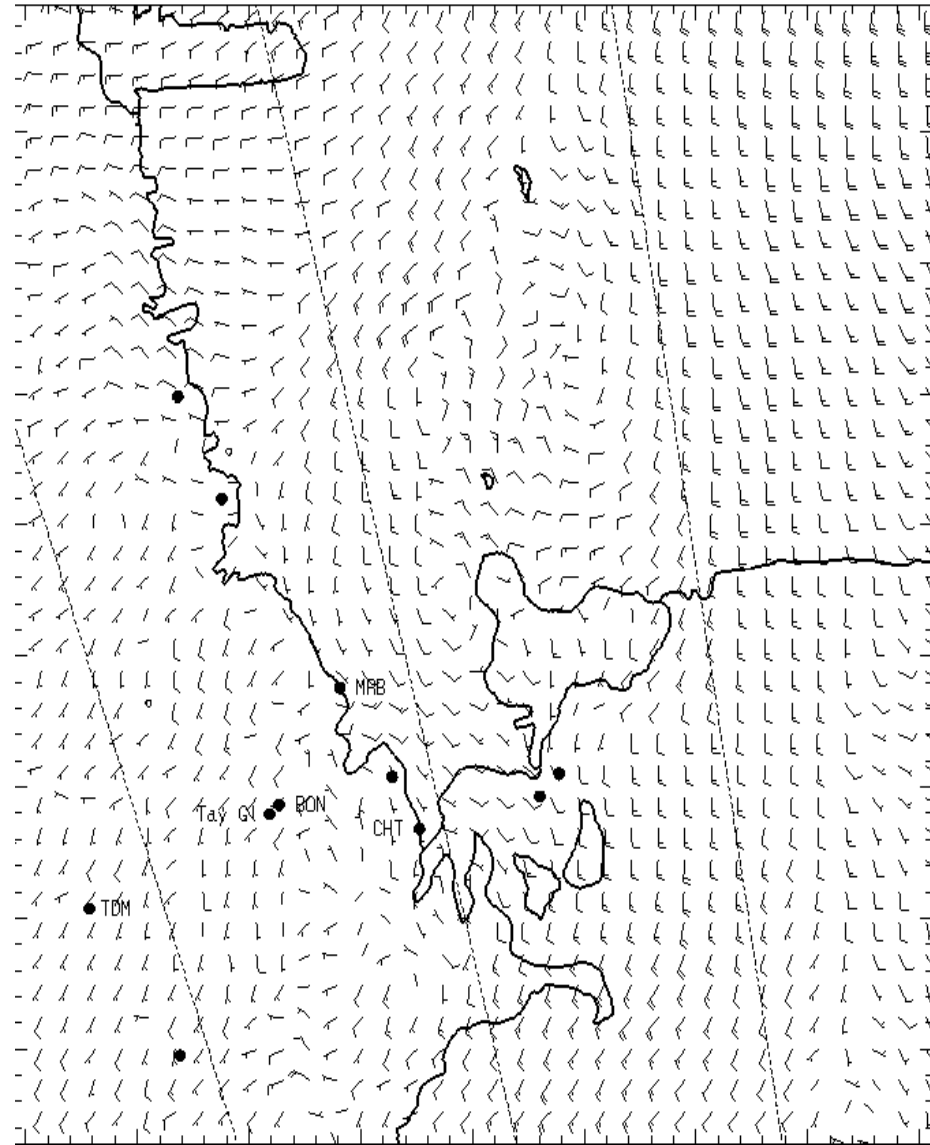


1300L

3,000 ft AGL

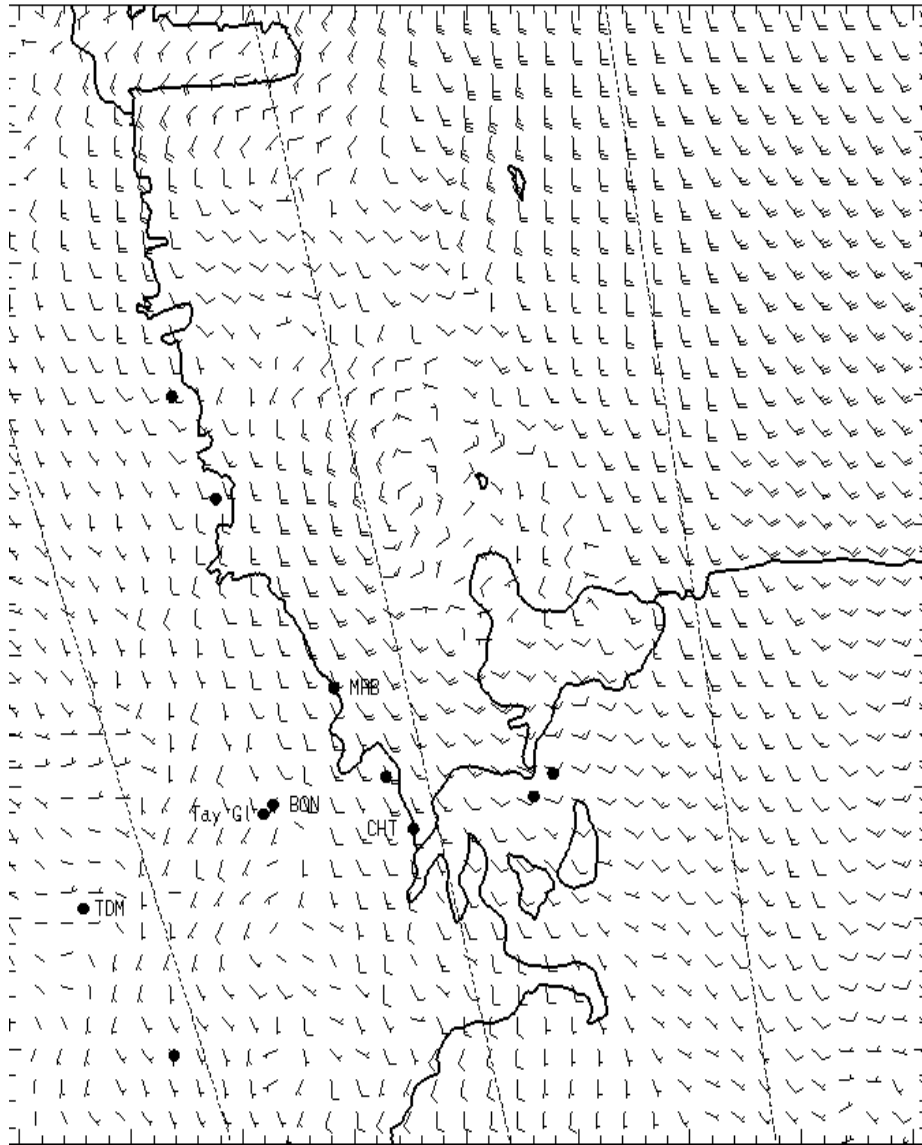


0700L

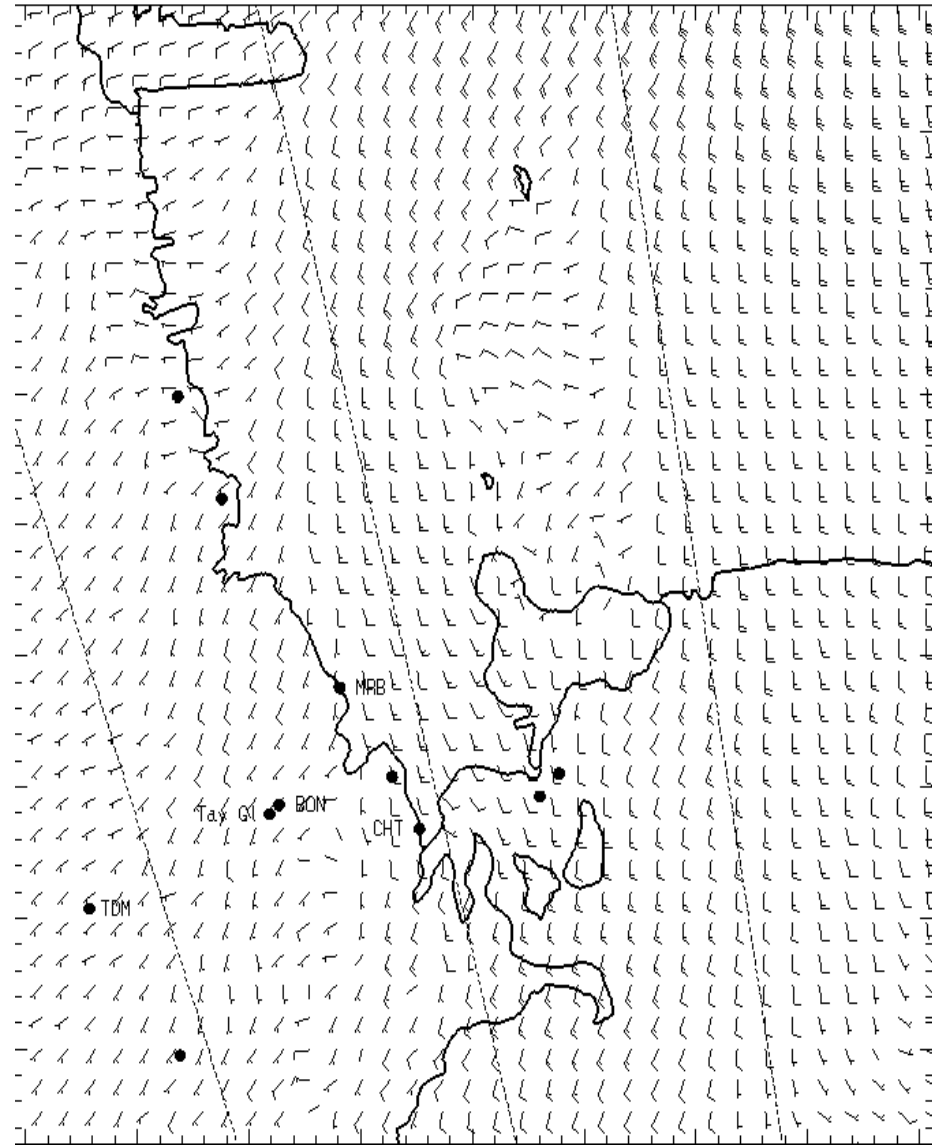


1300L

5,000 ft AGL



0700L



1300L