



HELO Weather

McMurdo Weather
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Duty Forecaster: x42524
Briefing Counter: x43353

Date (L): Tuesday 12 January 2021

Brief Time (L): 0615

Briefing Number: 01-08

FCSTR: John Meyer

REGIONAL SUMMARY

Low pressure on the Ross Ice Shelf is helping moisture intensify throughout the area. Winds will remain on the lighter side, even aloft, but clouds, snow, and mist will be the problem of the day. Visibility will be significantly diminished at most locations due to either being in fog/precip at the surface, or being elevated into the clouds. Icing will also be a major player both in the cloud and in the precip below. Conditions will generally worsen through the day as the low continues to deepen.

HAZARDS

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

LATEST MCMURDO OBSERVATION

METAR ZCMA 111630Z AUTO 12009KT 9999 OVC070 M02/M12 A2924 RMK AO1 SLP904 GRID29009KT=

RUNWAY TAFS

TAF NZFX 111457Z 1115/1215 (1204/1304NZDT) 04005KT 9999 OVC070 QNH2923INS GRID21005KT
BECMG 1122/1124 (1211/1213) 06009KT 9999 SCT020 BKN040 OVC070 620404 QNH2922INS GRID23009KT
BECMG 1201/1203 (1214/1216) 05010KT 3200 -SN BR BKN012 OVC030 620126 QNH2919INS GRID22010KT
TEMPO 1203/1208 (1216/1221) 0800 -SN FZFG BKN005 OVC012 650057
BECMG 1208/1210 (1221/1223) 08005KT 9999 -SN BKN012 OVC030 620126 QNH2918INS GRID25005KT
BECMG 1210/1212 (1223/1301) VRB03KT 1600 BR FEW012 FEW070 QNH2918INS

MCMURDO HELIPAD FORECAST (VALID TIME: 12/0600L – 12/1800L)

SFC WIND (TRUE): 14009KT

SFC VISIBILITY (SM): UNRES BECMG 1/2 – 2 -SN BR AFT 12L

SKY CONDITION (AGL): SCT020 BKN040 OVC060 BECMG SCT000 BKN012 OVC030 AFT 12L

MIN ALSTG: 2919INS

HAZARDS: MDT ICG 040-070 BECMG MDT ICG SFC-070 AFT 12L

SITE & AREA FORECASTS (VALID TIME: 12/0600L – 12/1800L)

MT EREBUS

SFC WIND (TRUE): 30006KT

SFC VISIBILITY (SM): 1/2 – 1 -SN BR

SKY CONDITION (AGL): OVC000

MIN ALSTG: 2867INS

HAZARDS: MDT ICG SFC-030

LEH

SFC WIND (TRUE): 28012KT

SFC VISIBILITY (SM): 1 – 3 -SN BR

SKY CONDITION (AGL): OVC000

MIN ALSTG: 2847INS

HAZARDS: MDT ICG SFC-020

BLACK ISLAND

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNRES BECMG 1/2 – 2 -SN BR AFT 11L

SKY CONDITION (AGL): SCT010 BKN030 OVC050 BECMG BKN000 OVC020 AFT 11L

MIN ALSTG: 2919INS

HAZARDS: MDT ICG 030-080 BECMG MDT ICG SFC-080 AFT 11L

AWS 108

SFC WIND (TRUE): VRB03KT

SFC VISIBILITY (SM): 2 – 4 -SN BR BECMG 1/2 – 2 -SN BR AFT 11L

SKY CONDITION (AGL): SCT020 BKN040 OVC060 BECMG SCT000 BKN012 OVC030 AFT 11L

MIN ALSTG: 2914INS

HAZARDS: LGT ICG 040-070 BECMG MDT ICG 012-070 AFT 11L

AWS 104

SFC WIND (TRUE): VRB05KT

SFC VISIBILITY (SM): 2 – 4 -SN BR BECMG 1/2 – 2 -SN BR AFT 11L

SKY CONDITION (AGL): SCT020 BKN040 OVC060 BECMG SCT000 BKN012 OVC030 AFT 11L

MIN ALSTG: 2914INS

HAZARDS: LGT ICG 040-070 BECMG MDT ICG 012-070 AFT 11L

FANG GLACIER

SFC WIND (TRUE): 30010KT

SFC VISIBILITY (SM): 1/2 – 1 -SN BR

SKY CONDITION (AGL): OVC000

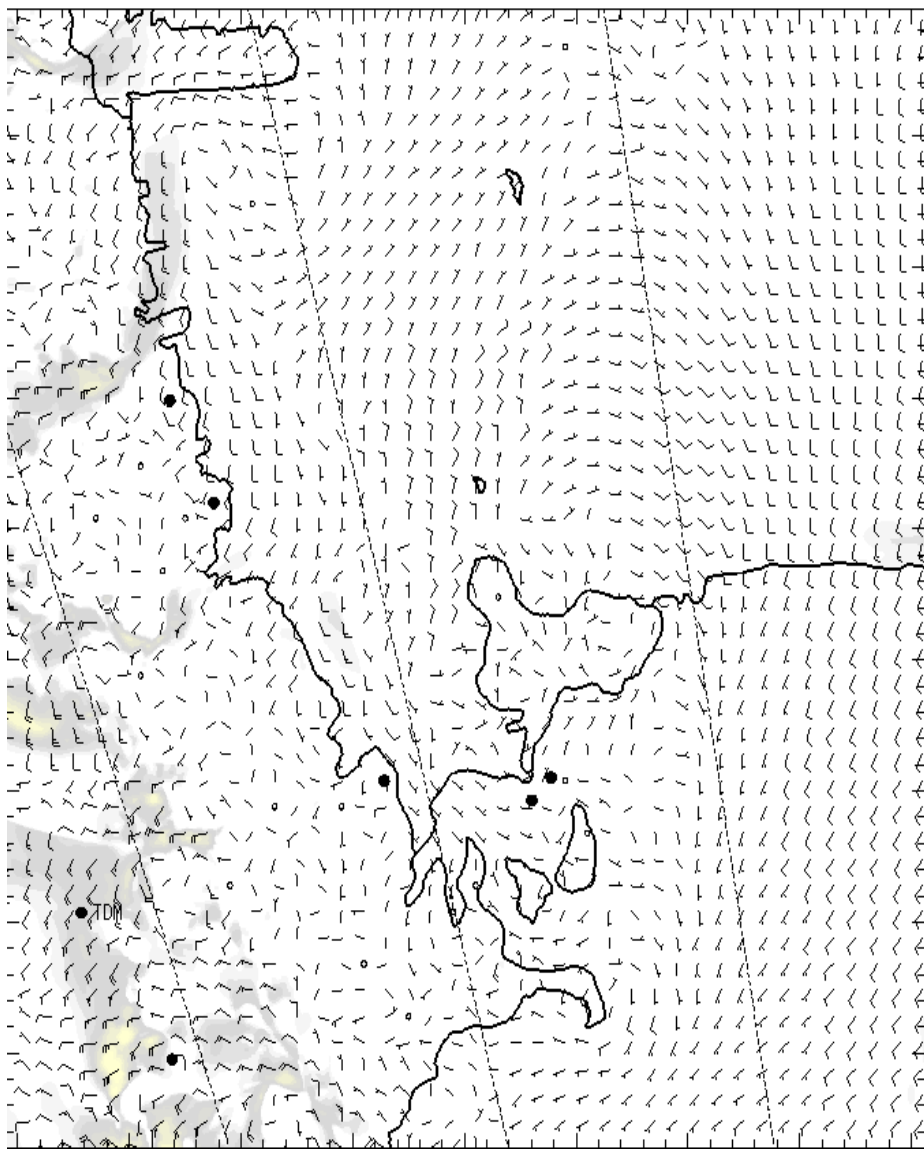
MIN ALSTG: 2851INS

HAZARDS: MDT ICG SFC-020

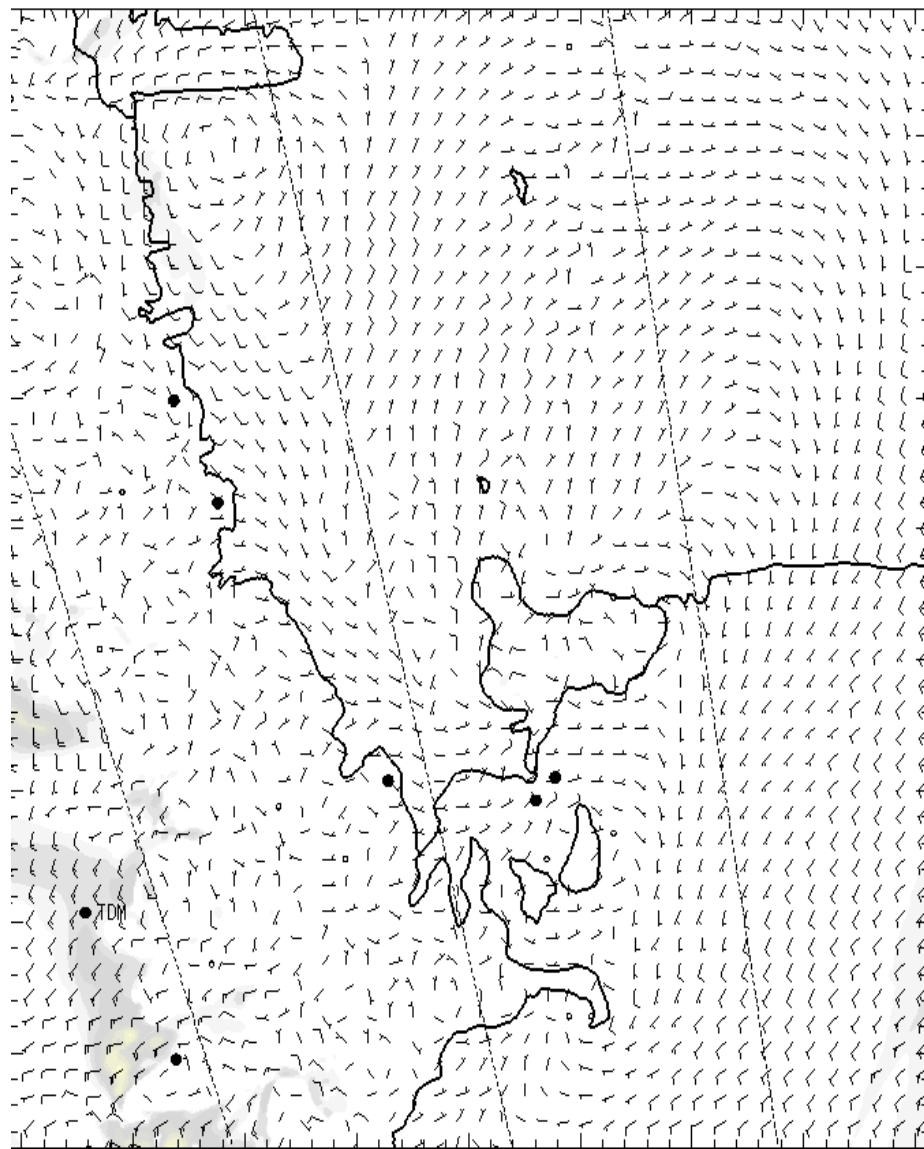
NIGHT AREA OUTLOOKS (VALID TIME: 12/1800L – 13/0600L)

NIL

SFC

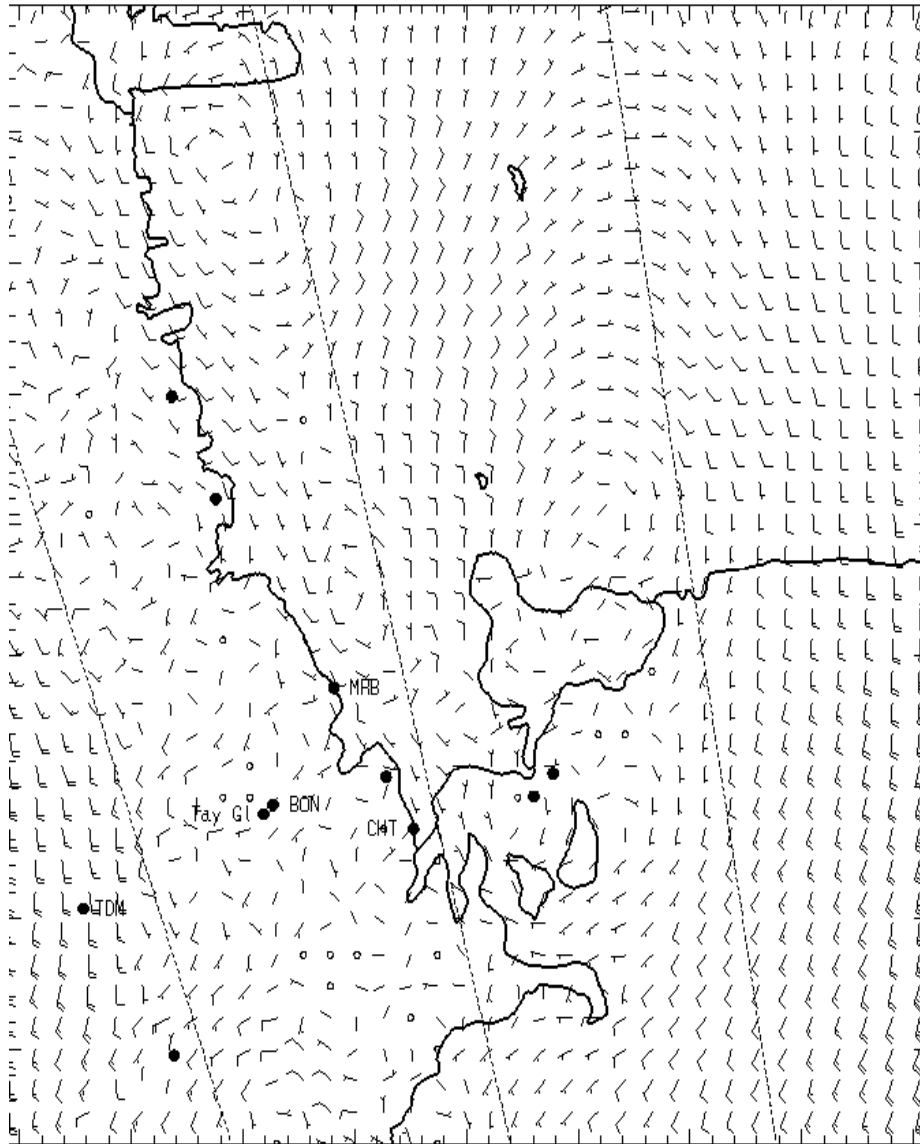


0700L

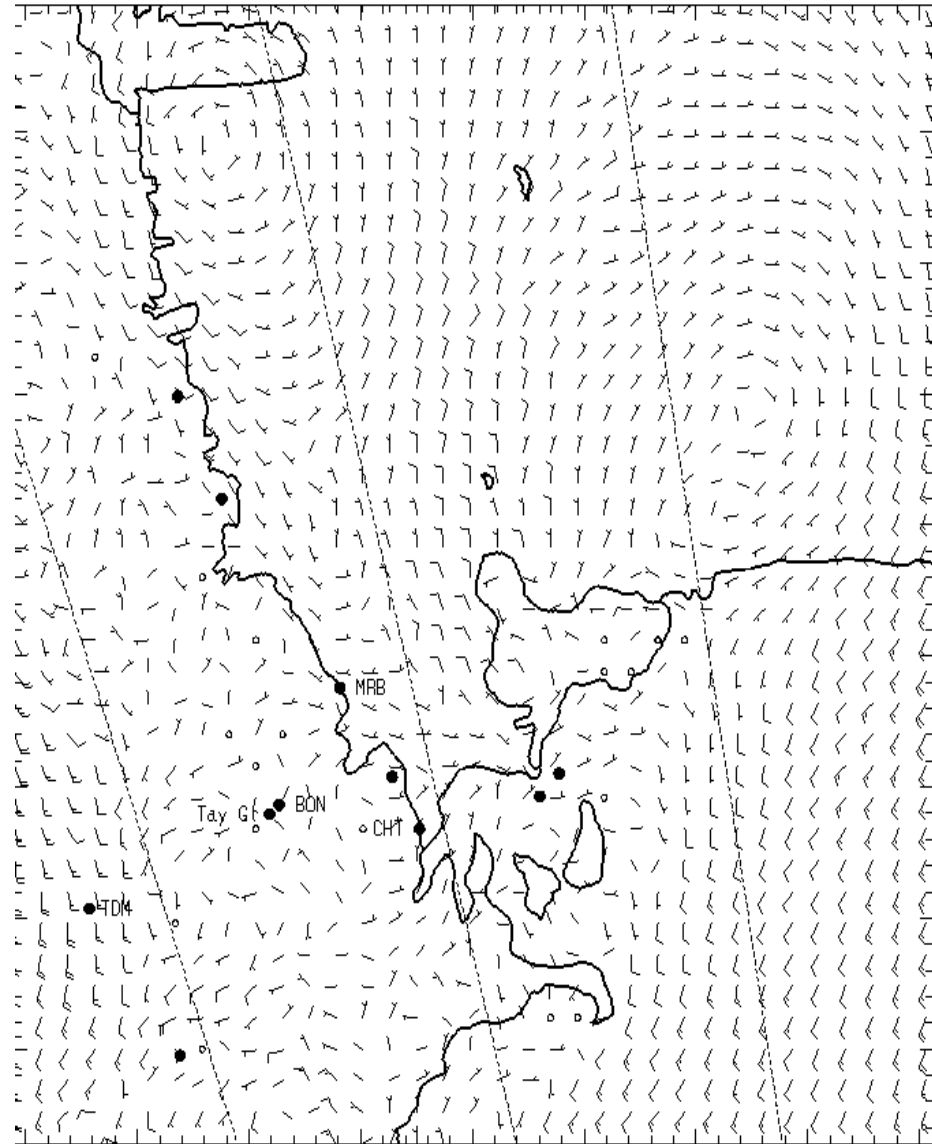


1300L

1,000 ft AGL

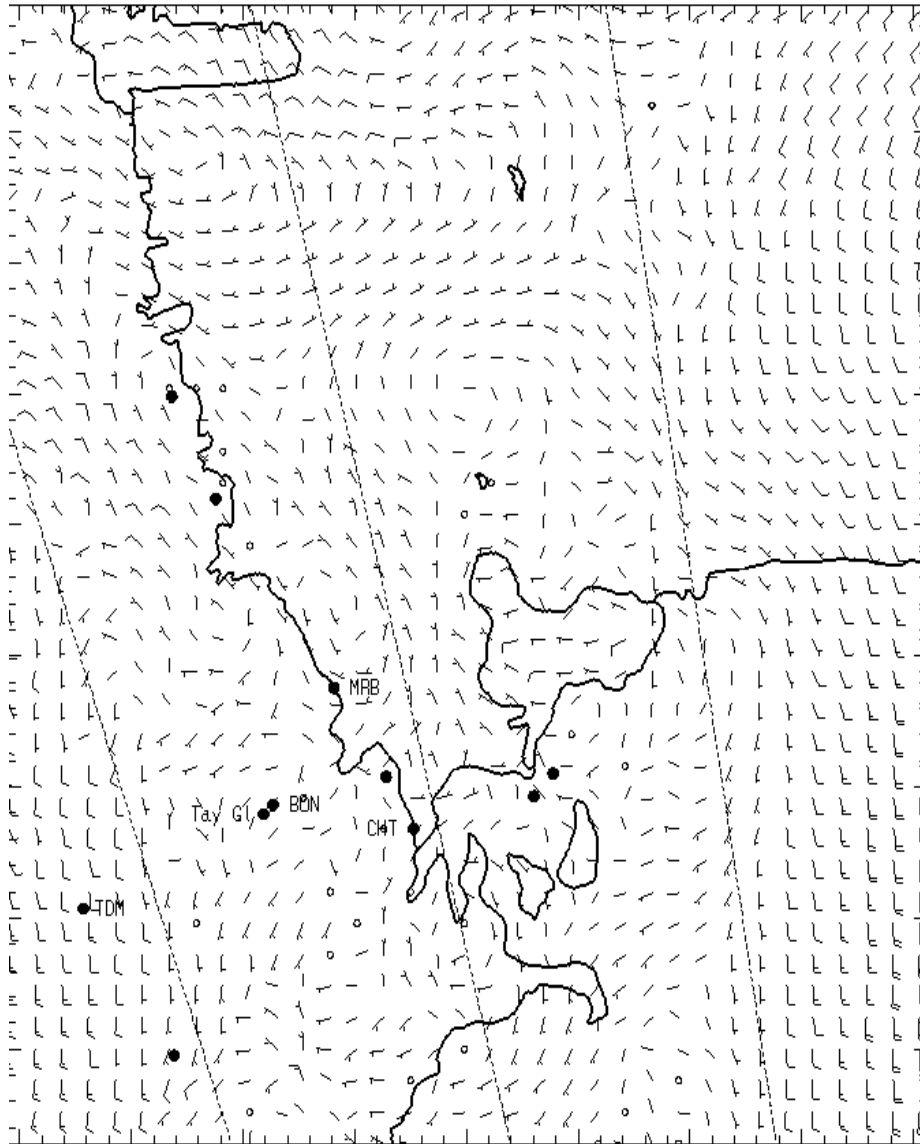


0700L

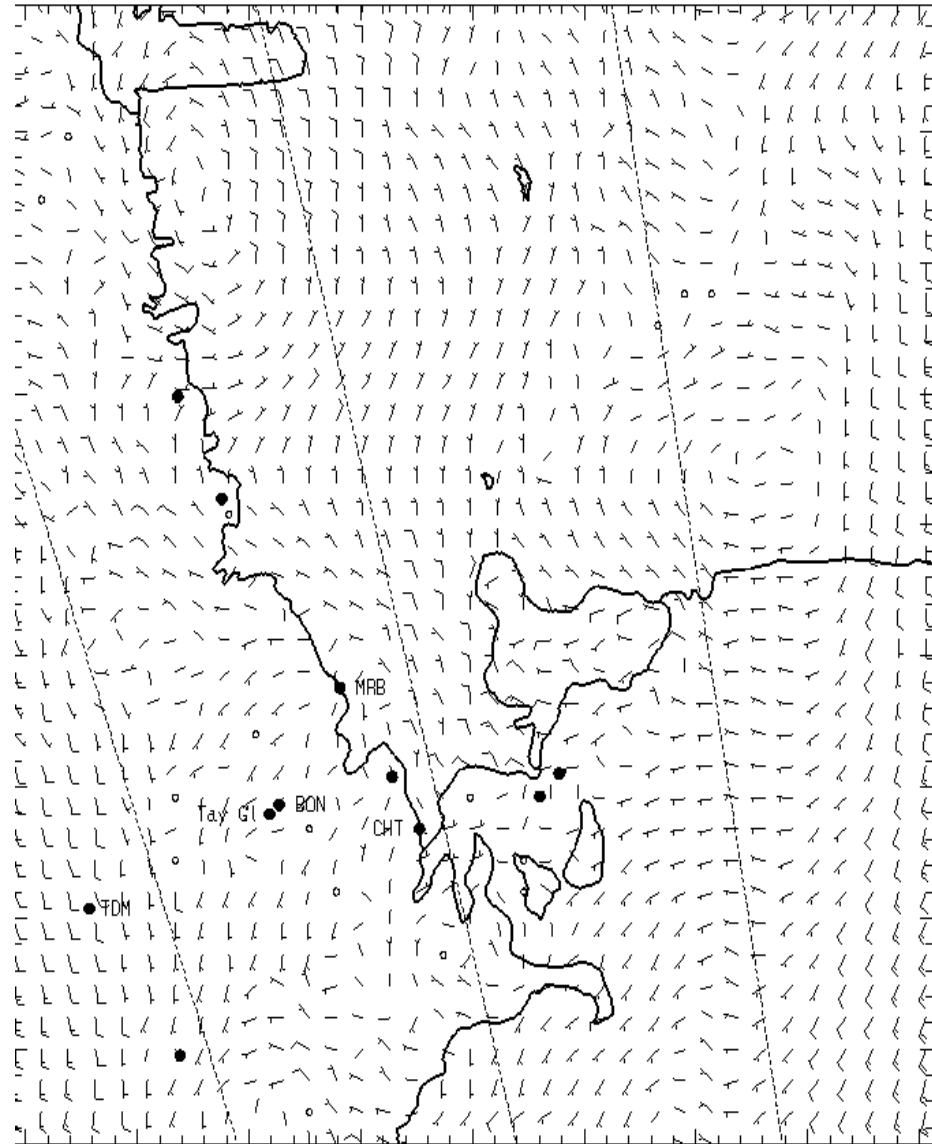


1300L

3,000 ft AGL

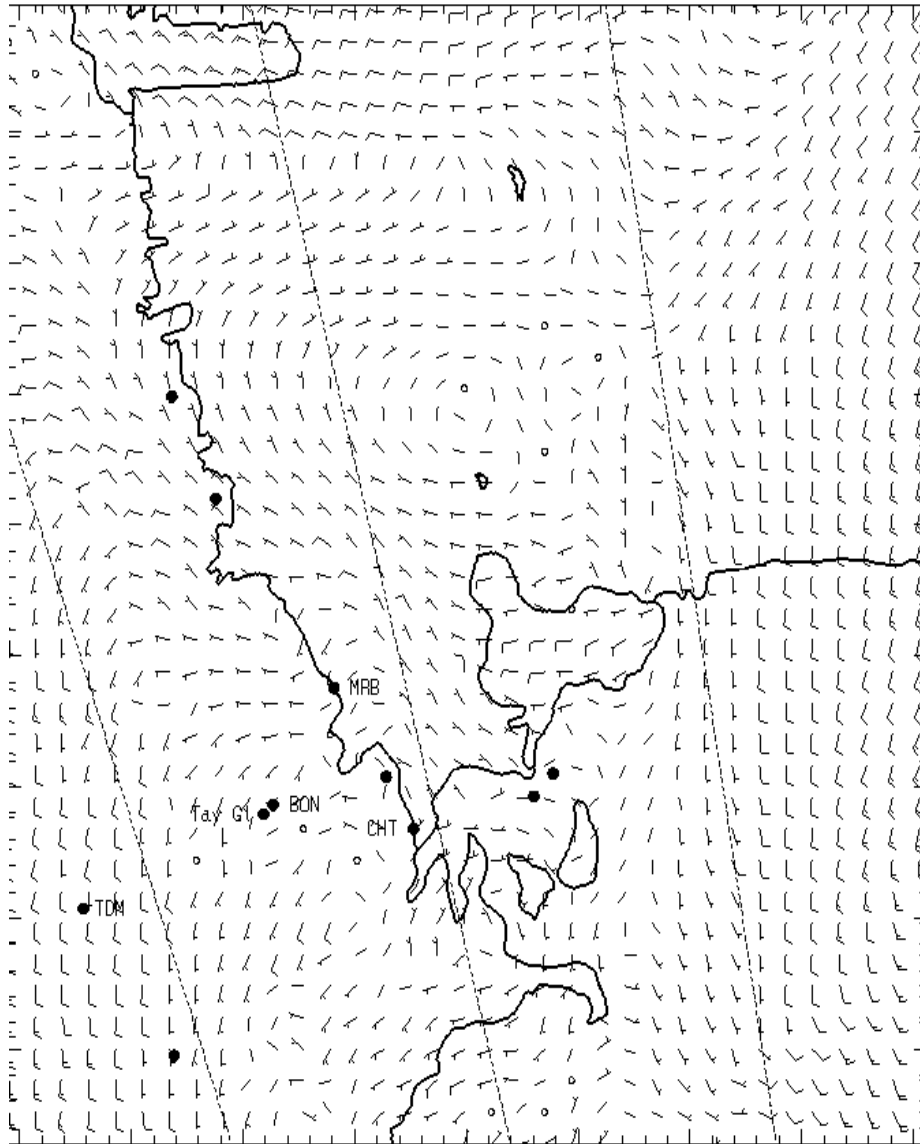


0700L

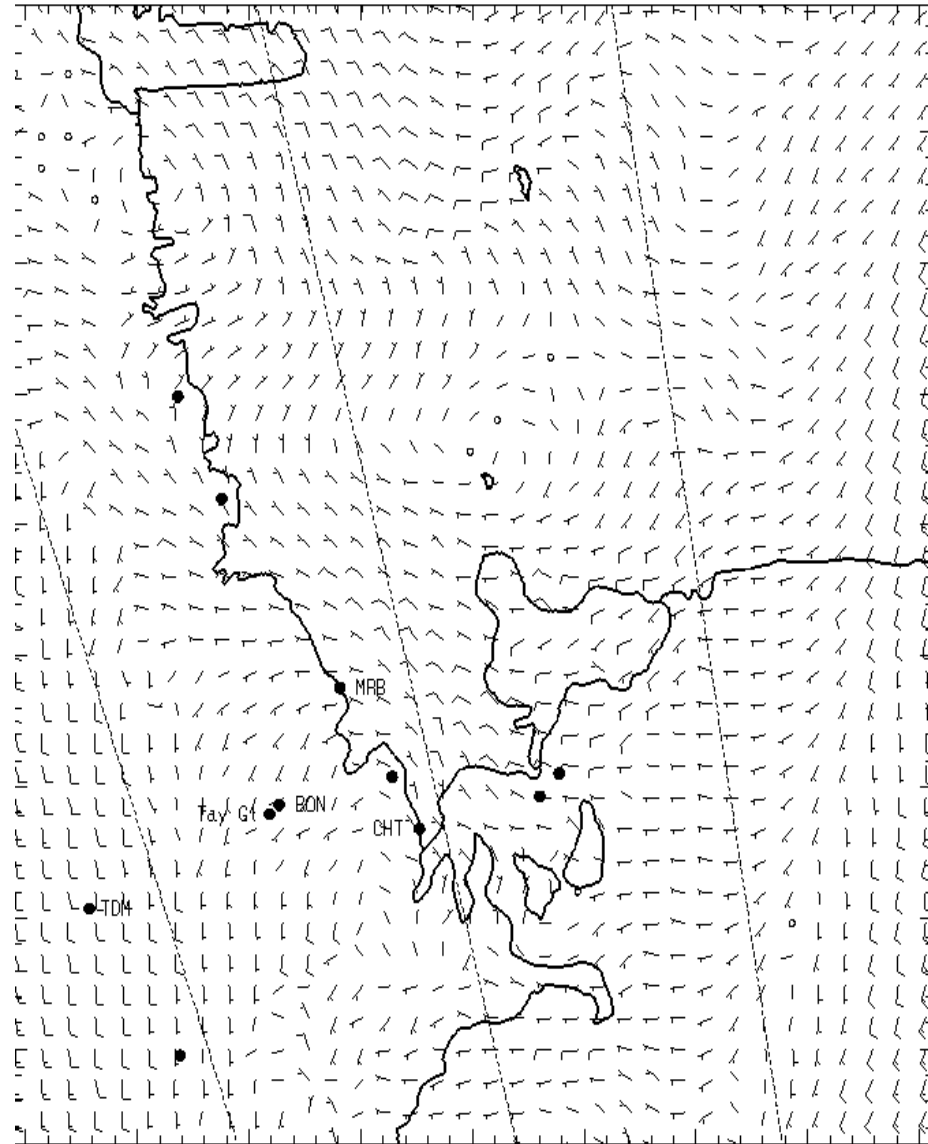


1300L

5,000 ft AGL



0700L



1300L