



HELO Weather

McMurdo Weather
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Duty Forecaster: x42524
Briefing Counter: x43353

Date (L): Tuesday 1 December 2020

Brief Time (L): 0615

Briefing Number: 12-01

FCSTR: John Meyer

REGIONAL SUMMARY

Due to the positioning of some surrounding low pressure systems, the Ross Ice Shelf will actually see a high pressure circulation develop today. This high will drive winds down McMurdo Sound from the northwest, which will also bring a fair amount of moisture from the open water to our north. Expect low clouds and fog to affect different locations at different times today. The push down the Sound looks to develop late morning, while locations further upstream (like Cape Royds) will experience the moisture earlier.

HAZARDS

Light rime icing in low-level clouds at exposed locations around Ross Island.

LATEST MCMURDO OBSERVATION

METAR ZCMA 301646Z AUTO 00000KT 9999 SKC M03/M12 A2909 RMK AO1 SLP853=

RUNWAY TAFS

TAF NZFX 301500Z 3015/0115 (0104/0204NZDT) 06008KT 9999 FEW015 SCT200 QNH2904INS GRID23008KT
TEMPO 3018/3024 (0107/0113) 1600 BR
BECMG 3023/0101 (0112/0114) 06005KT 9999 BKN015 QNH2896INS GRID23005KT
BECMG 0111/0113 (0200/0202) VRB04KT 1600 BR SCT015 QNH2896INS

MCMURDO HELIPAD FORECAST (VALID TIME: 1/0600L – 1/1800L)

SFC WIND (TRUE): VRB04KT TEMPO 04012KT 6-10L
SFC VISIBILITY (SM): UNRES BECMG 4 – 6 BR AFT 12L
SKY CONDITION (AGL): FEW015 BECMG BKN015 AFT 12L
MIN ALSTG: 2899INS
HAZARDS: LGT ICG SFC-020

SITE & AREA FORECASTS (VALID TIME: 1/0600L – 1/1800L)

BULL PASS

SFC WIND (TRUE): 11008KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): SKC
MIN ALSTG: 2883INS
HAZARDS: NIL

CAPE CROZIER

SFC WIND (TRUE): 20012KT BECMG 06004KT AFT 9L
SFC VISIBILITY (SM): UNRES BECMG 2 – 4 BR AFT 13L
SKY CONDITION (AGL): FEW010 BECMG BKN010 AFT 11L
MIN ALSTG: 2897INS
HAZARDS: LGT ICG SFC-020

CAPE ROYDS

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNRES TEMPO 2 – 4 BR 8-13L

SKY CONDITION (AGL): SCT010 TEMPO BKN010 8-14L

MIN ALSTG: 2896INS

HAZARDS: LGT ICG SFC-020

BLACK ISLAND

SFC WIND (TRUE): 05006KT

SFC VISIBILITY (SM): UNRES BECMG 3 – 5 BR AFT 14L

SKY CONDITION (AGL): FEW010 BECMG BKN010 AFT 14L

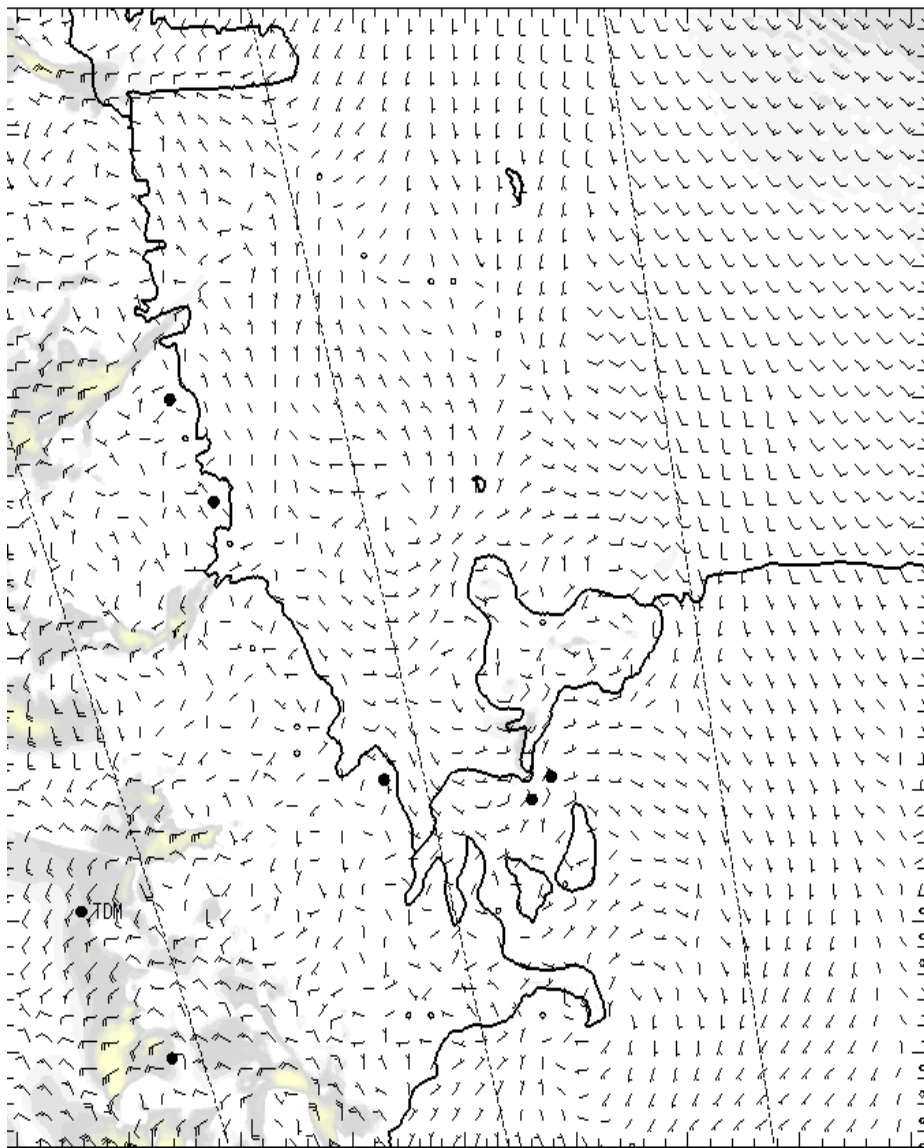
MIN ALSTG: 2897INS

HAZARDS: LGT ICG SFC-020

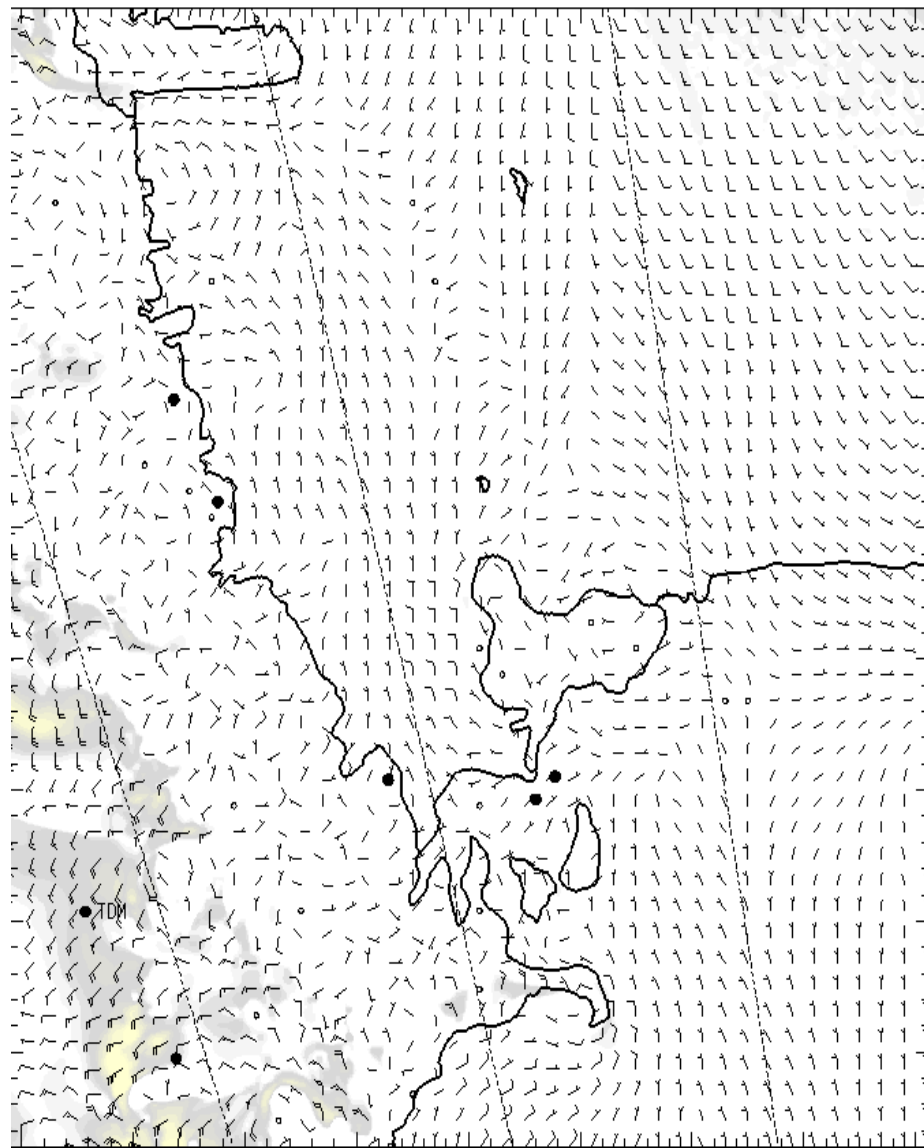
NIGHT AREA OUTLOOKS (VALID TIME: 1/1800L – 2/0600L)

NIL

SFC

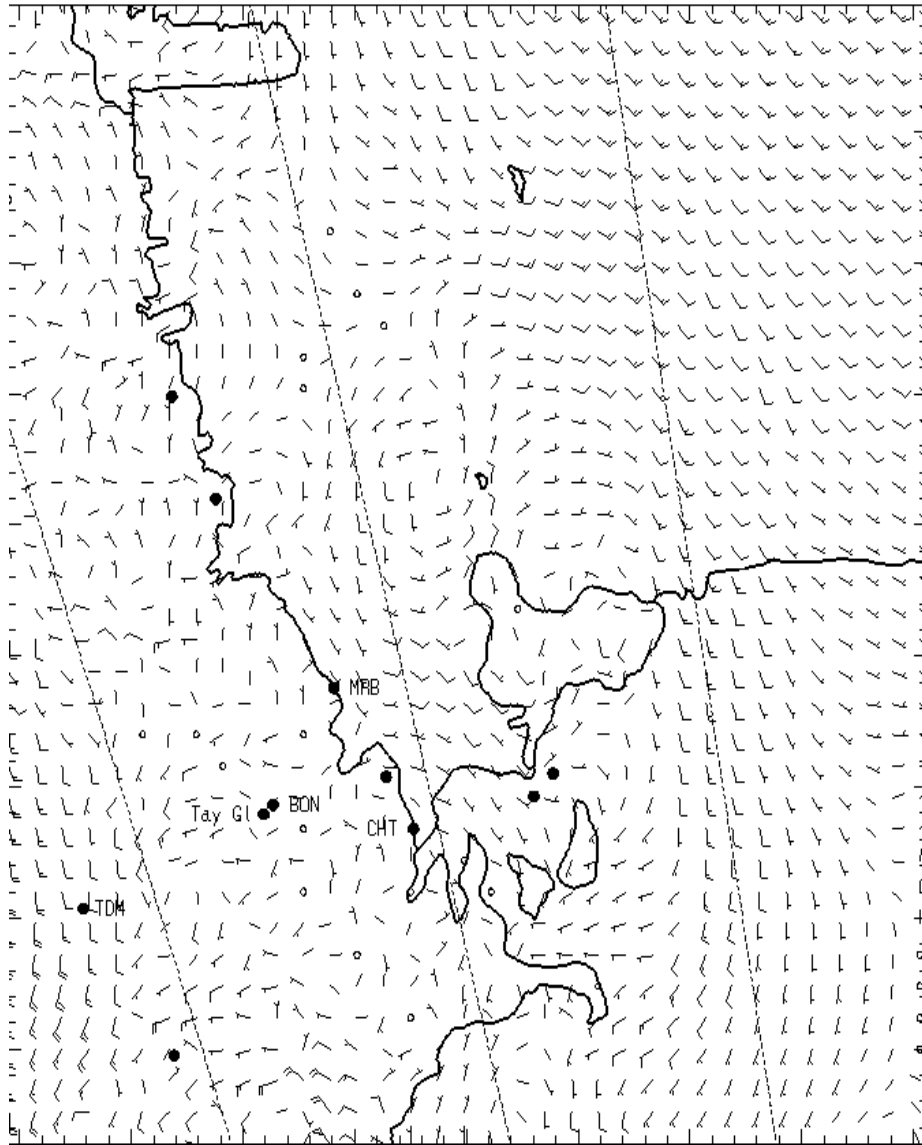


0700L

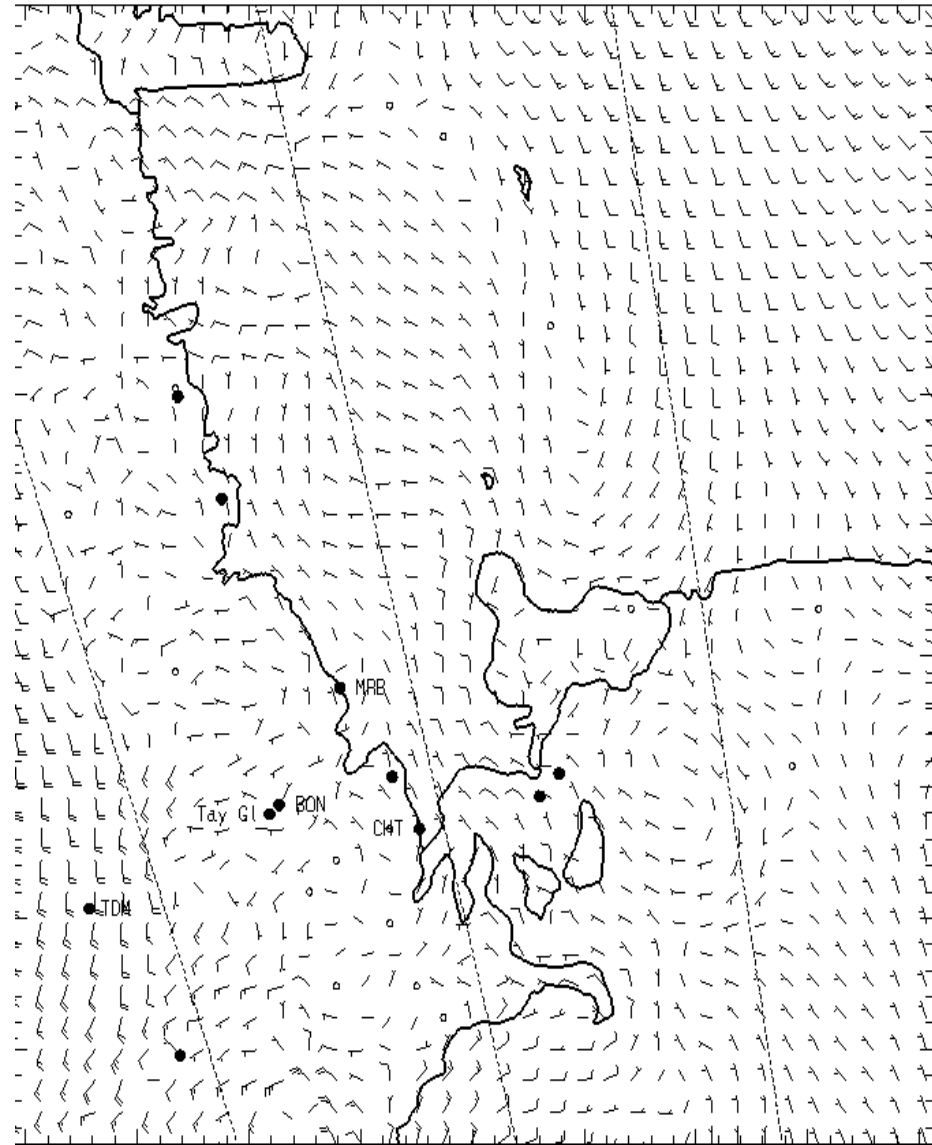


1300L

1,000 ft AGL

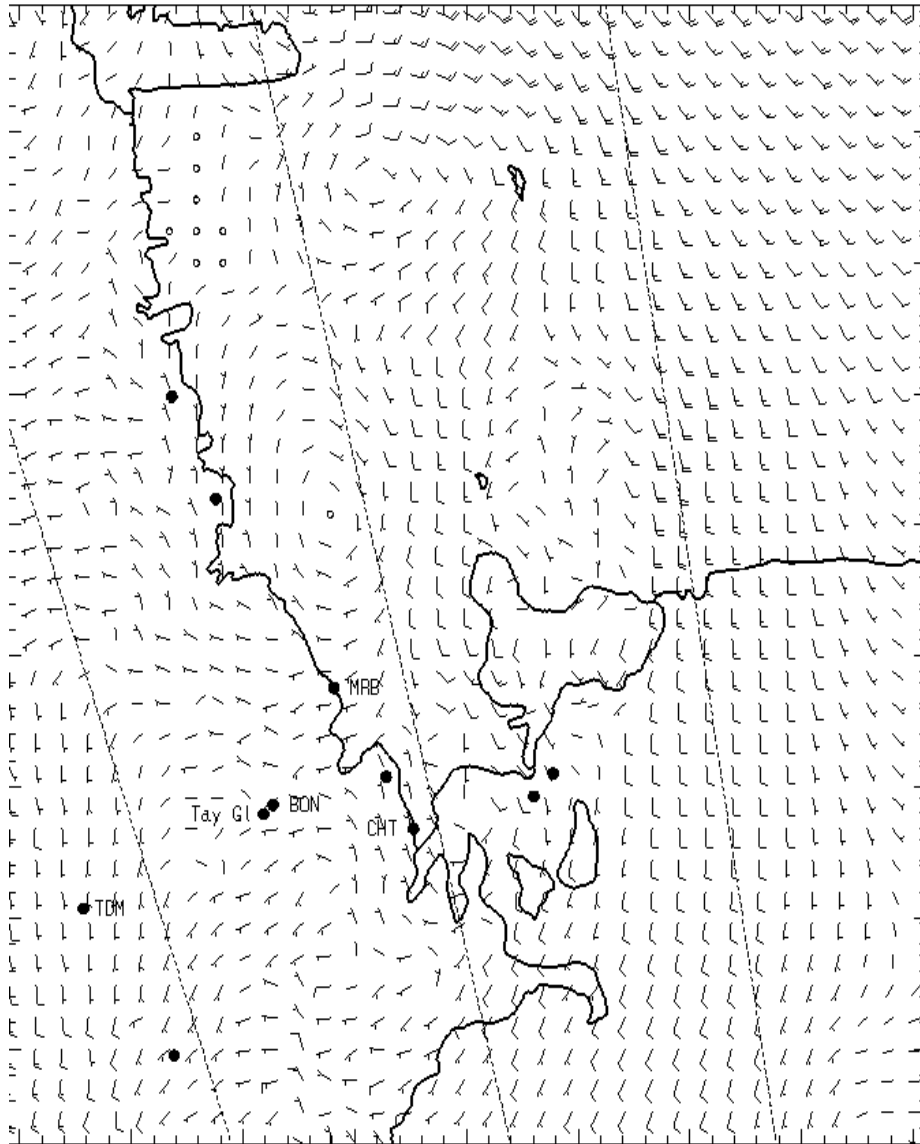


0700L

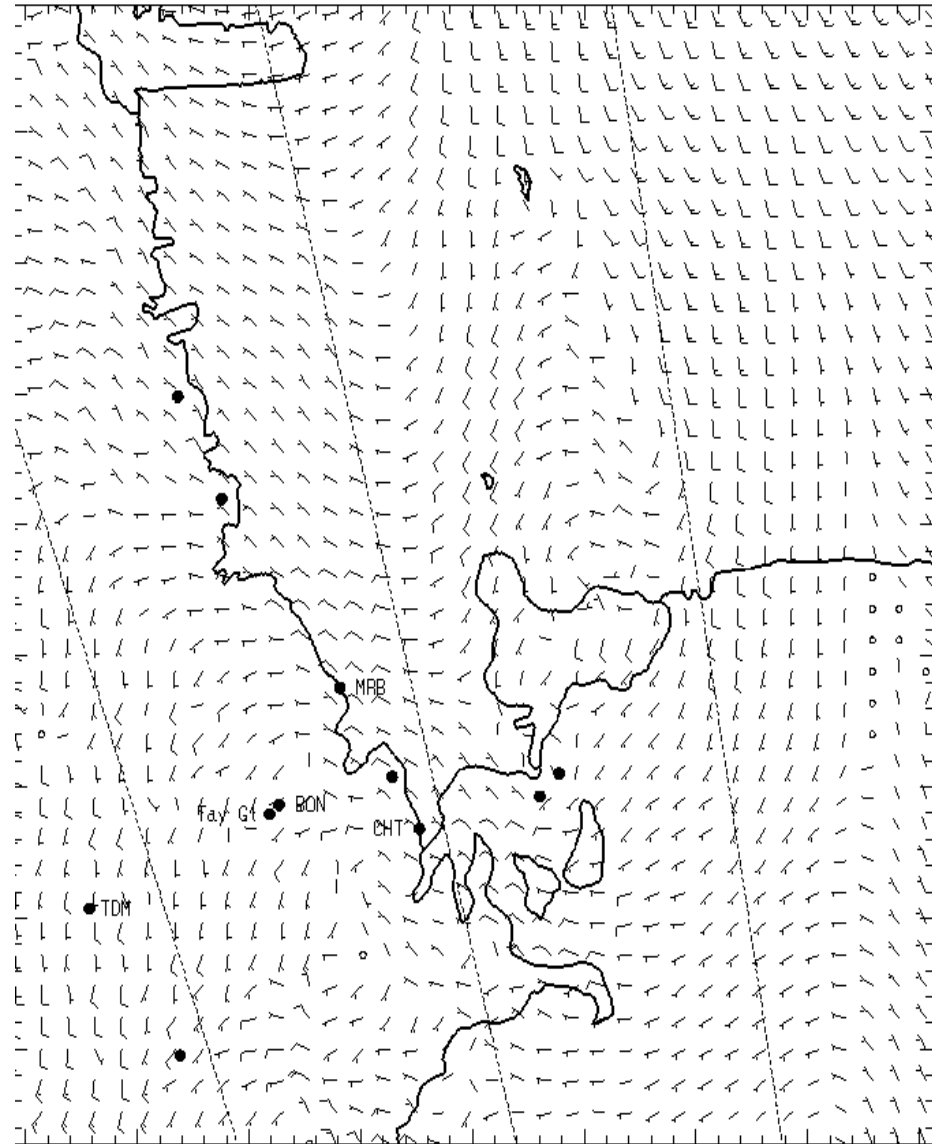


1300L

3,000 ft AGL

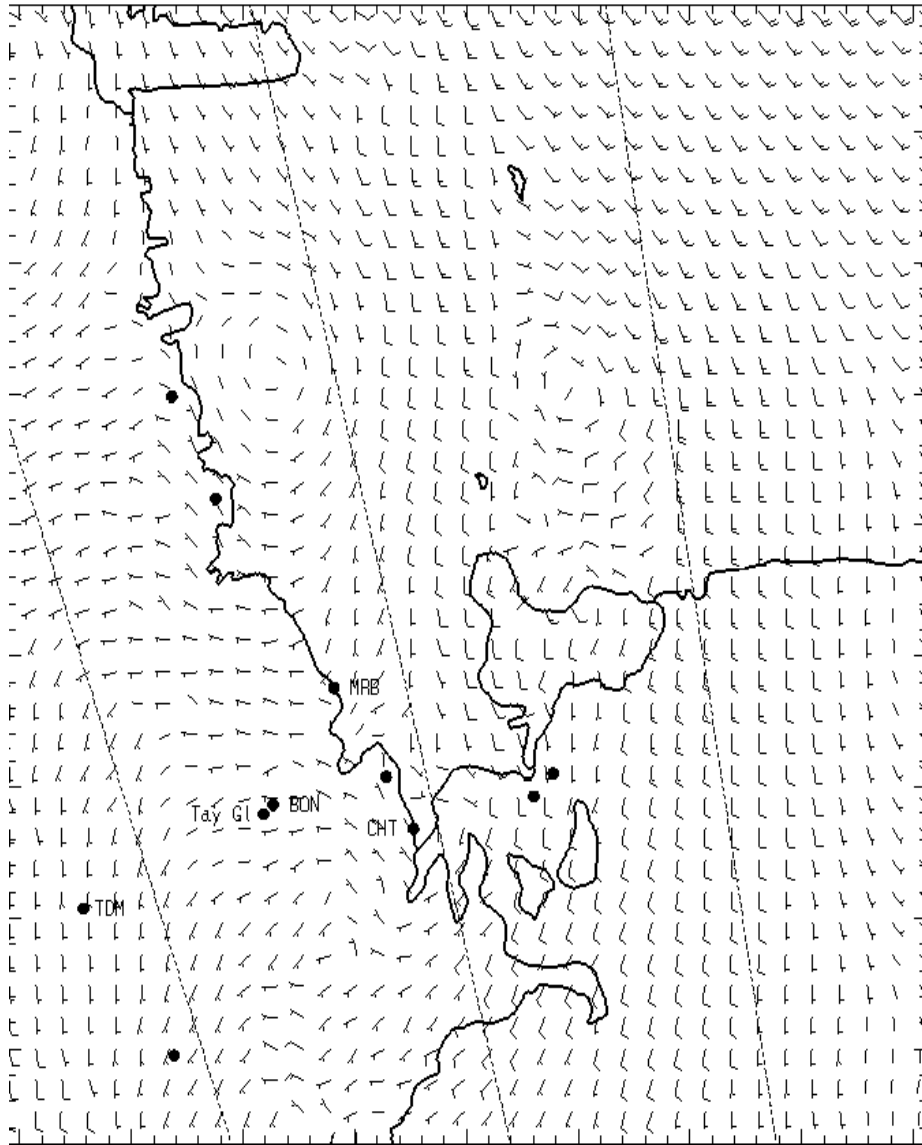


0700L

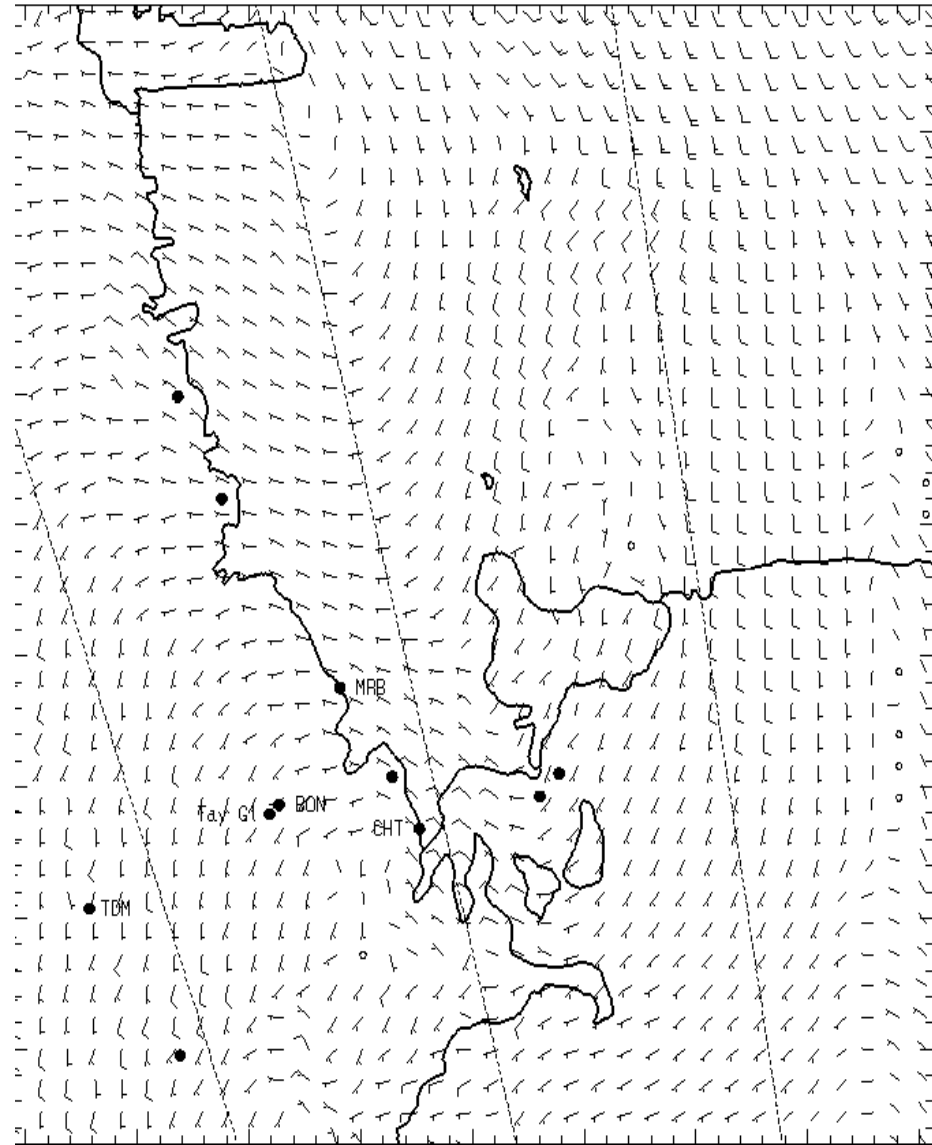


1300L

5,000 ft AGL



0700L



1300L