



HELO Weather

McMurdo Weather
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Briefing Counter: x43353

Date (L): Saturday 12 November 2022

Brief Time (L): 0615

Briefing Number: 11-11

FCSTR: John Meyer

REGIONAL SUMMARY

Low pressure is slowly developing to the northeast of Ross Island, creating a generally southerly flow over the McMurdo Sound region. There is still a fair amount of moisture left in the area, producing a combination of low clouds, snow, and mist at almost all locations. Locations with more open proximity to the Sound will see the worst conditions, while other sheltered locations will be on the more mild side. A few elevated locations will also have stronger winds to contend with.

HAZARDS

Light rime icing at most locations today, in low-mid clouds as well as the precipitation below.
Occasional light turbulence at a few exposed locations.

LATEST MCMURDO OBSERVATION

METAR ZCMA 111633Z AUTO 34010KT 9999 FEW046 M15/M19 A2859 RMK AO2 SLP687 GRID15010KT=

RUNWAY TAFS

TAF NZFX 111458Z 1115/1215 (1204/1304NZDT) 33010KT 8000 -SN BKN030 OVC060 QNH2857INS GRID14010KT
TEMPO 1120/1124 (1209/1213) 1600 -SN BR BKN010 OVC020 620104
BECMG 1200/1202 (1213/1215) 09012KT 9999 DRSN SCT025 SCT035 BKN080 QNH2868INS GRID26012KT

TAF NZWD 111458Z 1115/1215 (1204/1304NZDT) VRB06KT 8000 -SN BR BKN040 OVC060 QNH2857INS
TEMPO 1120/1124 (1209/1213) 1600 -SN BR BKN010 OVC020 620104
BECMG 1200/1202 (1213/1215) 11014KT 9999 DRSN BKN010 OVC020 QNH2860INS GRID28014KT

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

SFC WIND (TRUE): 34012KT BECMG 10015G25KT AFT 13L
SFC VISIBILITY (SM): UNRES TEMPO 2 – 4 -SN BR 9-13L
SKY CONDITION (AGL): BKN030 BECMG SCT030 BKN080 AFT 14L
MIN ALSTG: 2857INS
HAZARDS: LGT RIME ICG 030-050 BECMG NIL AFT 14L / NIL BECMG LGT TURBC SFC-030 AFT 13L

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

MARBLE PT

SFC WIND (TRUE): VRB06KT BECMG 13013KT AFT 16L
SFC VISIBILITY (SM): 1 – 3 -SN BR TEMPO UNRES 10-13L
SKY CONDITION (AGL): BKN030 BKN060 BECMG BKN008 AFT 14L
MIN ALSTG: 2858INS
HAZARDS: NIL BECMG LGT RIME ICG 008-030 AFT 14L

F6**SFC WIND (TRUE):** VRB06KT BECMG 07015KT AFT 15L**SFC VISIBILITY (SM):** UNRES TEMPO 4 – 6 10-14L**SKY CONDITION (AGL):** FEW010 BKN060**MIN ALSTG:** 2860INS**HAZARDS:** NIL**CONEZ****SFC WIND (TRUE):** 14016G24KT**SFC VISIBILITY (SM):** 1/2 – 1 -SN BR**SKY CONDITION (AGL):** BKN000 BKN010**MIN ALSTG:** 2723INS**HAZARDS:** LGT RIME ICG SFC-015 / LGT TURBC SFC-020**WLLB****SFC WIND (TRUE):** VRB06KT BECMG 03015KT AFT 12L**SFC VISIBILITY (SM):** UNRES TEMPO 2 – 4 -SN BR 12-15L**SKY CONDITION (AGL):** FEW025 SCT050 BECMG SCT025 BKN050 AFT 12L**MIN ALSTG:** 2851INS**HAZARDS:** NIL**LAKE HOARE****SFC WIND (TRUE):** VRB06KT BECMG 07015KT AFT 15L**SFC VISIBILITY (SM):** UNRES BECMG 2 – 4 -SN BR AFT 12L**SKY CONDITION (AGL):** FEW015 BECMG SCT015 BKN030 AFT 14L**MIN ALSTG:** 2851INS**HAZARDS:** NIL BECMG LGT RIME ICG 030-040 AFT 14L**LAKE FRYXELL****SFC WIND (TRUE):** VRB06KT BECMG 13015KT AFT 13L**SFC VISIBILITY (SM):** UNRES BECMG 2 – 4 -SN BR AFT 12L**SKY CONDITION (AGL):** SCT030 BECMG BKN010 BKN030 AFT 12L**MIN ALSTG:** 2860INS**HAZARDS:** NIL BECMG LGT RIME ICG 010-040 AFT 12L**LAKE BONNEY****SFC WIND (TRUE):** VRB06KT BECMG 03015KT AFT 12L**SFC VISIBILITY (SM):** UNRES TEMPO 2 – 4 -SN BR 12-15L**SKY CONDITION (AGL):** FEW025 SCT050 BECMG SCT025 BKN050 AFT 12L**MIN ALSTG:** 2851INS**HAZARDS:** NIL**CAPE ROYDS****SFC WIND (TRUE):** 07012KT BECMG 14020KT AFT 13L**SFC VISIBILITY (SM):** 1/2 – 2 -SN BR BECMG 2 – 4 BLSN AFT 13L**SKY CONDITION (AGL):** BKN010 OVC030 BECMG BKN030 AFT 13L**MIN ALSTG:** 2856INS**HAZARDS:** LGT RIME ICG SFC-050 BECMG 030-050 AFT 13L

SCOTT BASE

SFC WIND (TRUE): 29020KT BECMG 09015KT AFT 9L

SFC VISIBILITY (SM): 2 – 4 -SN BR BECMG UNRES AFT 14L

SKY CONDITION (AGL): BKN010 BKN025 BECMG SCT025 BKN040 AFT 14L

MIN ALSTG: 2855INS

HAZARDS: LGT RIME ICG SFC-040 BECMG NIL AFT 14L

CAPE EVANS

SFC WIND (TRUE): 31008KT BECMG 12015KT AFT 13L

SFC VISIBILITY (SM): UNRES TEMPO 3 – 5 BR 7-13L

SKY CONDITION (AGL): SCT010 OVC025 BECMG SCT020 BKN040 AFT 14L

MIN ALSTG: 2856INS

HAZARDS: LGT RIME ICG 025-040 BECMG NIL AFT 14L

BEACON HEIGHTS

SFC WIND (TRUE): 20018G28KT

SFC VISIBILITY (SM): UNRES

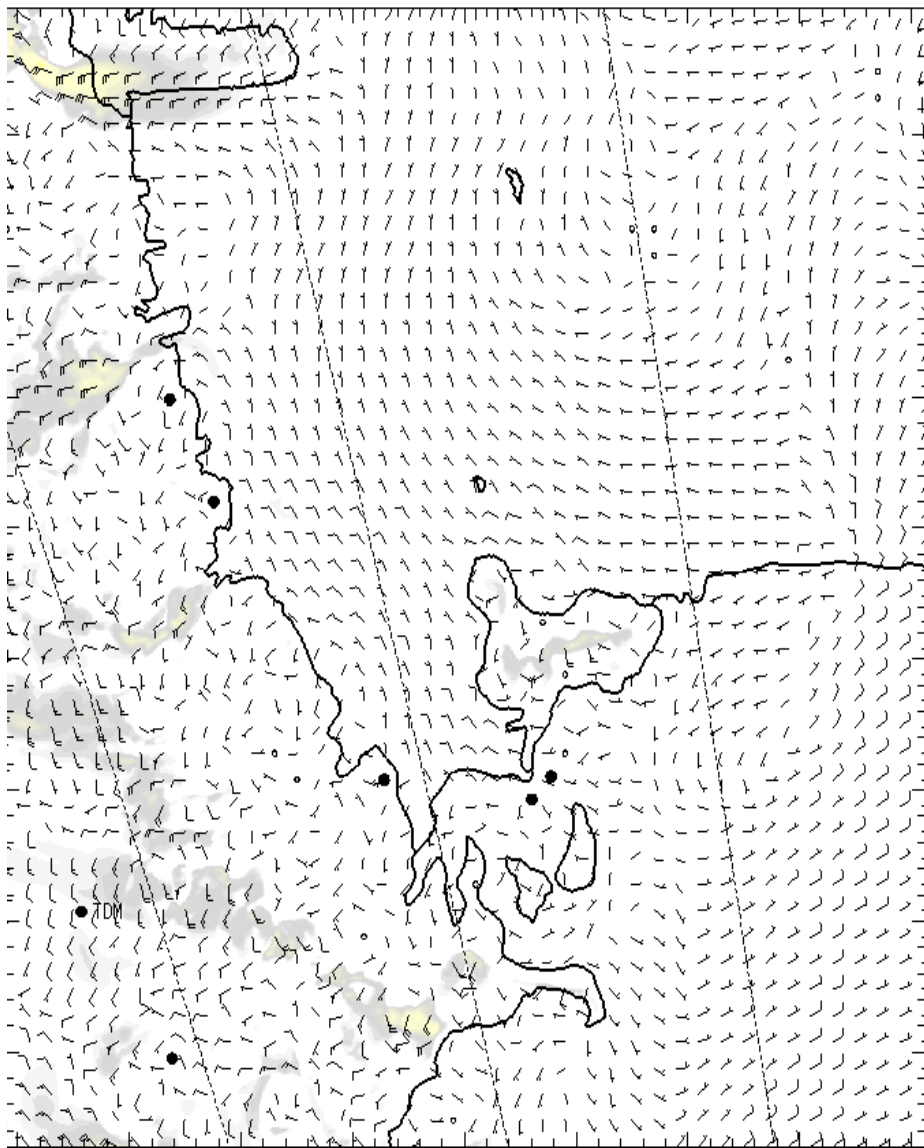
SKY CONDITION (AGL): SCT050

MIN ALSTG: 2803INS

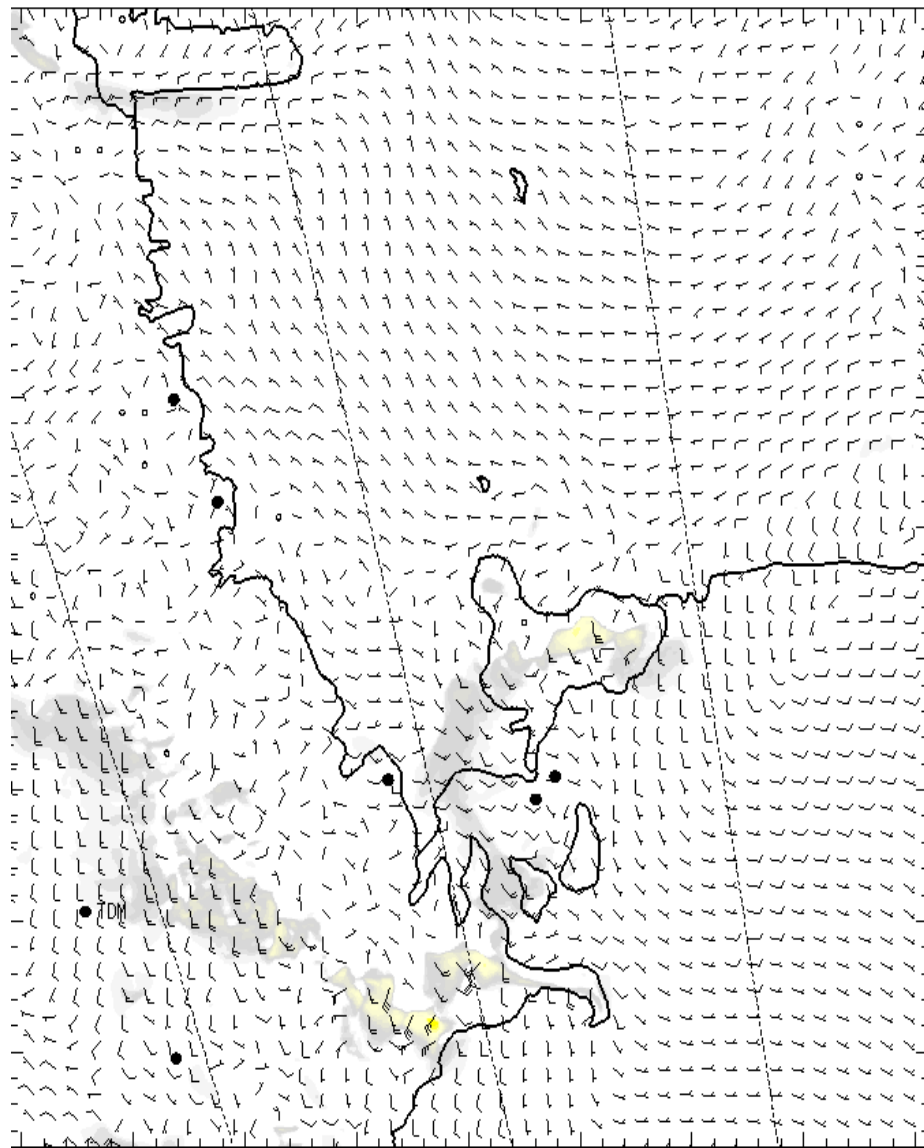
HAZARDS: LGT TURBC SFC-040

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

SFC

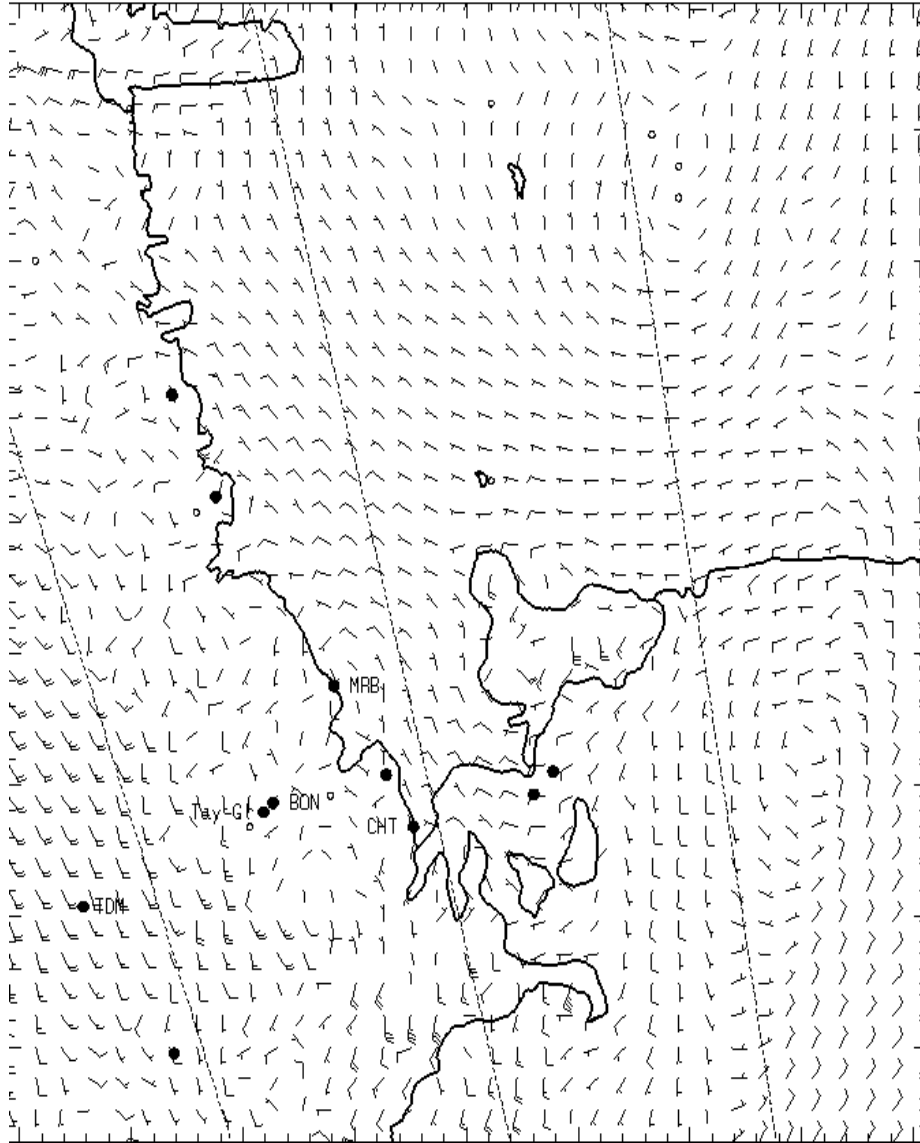


0700L

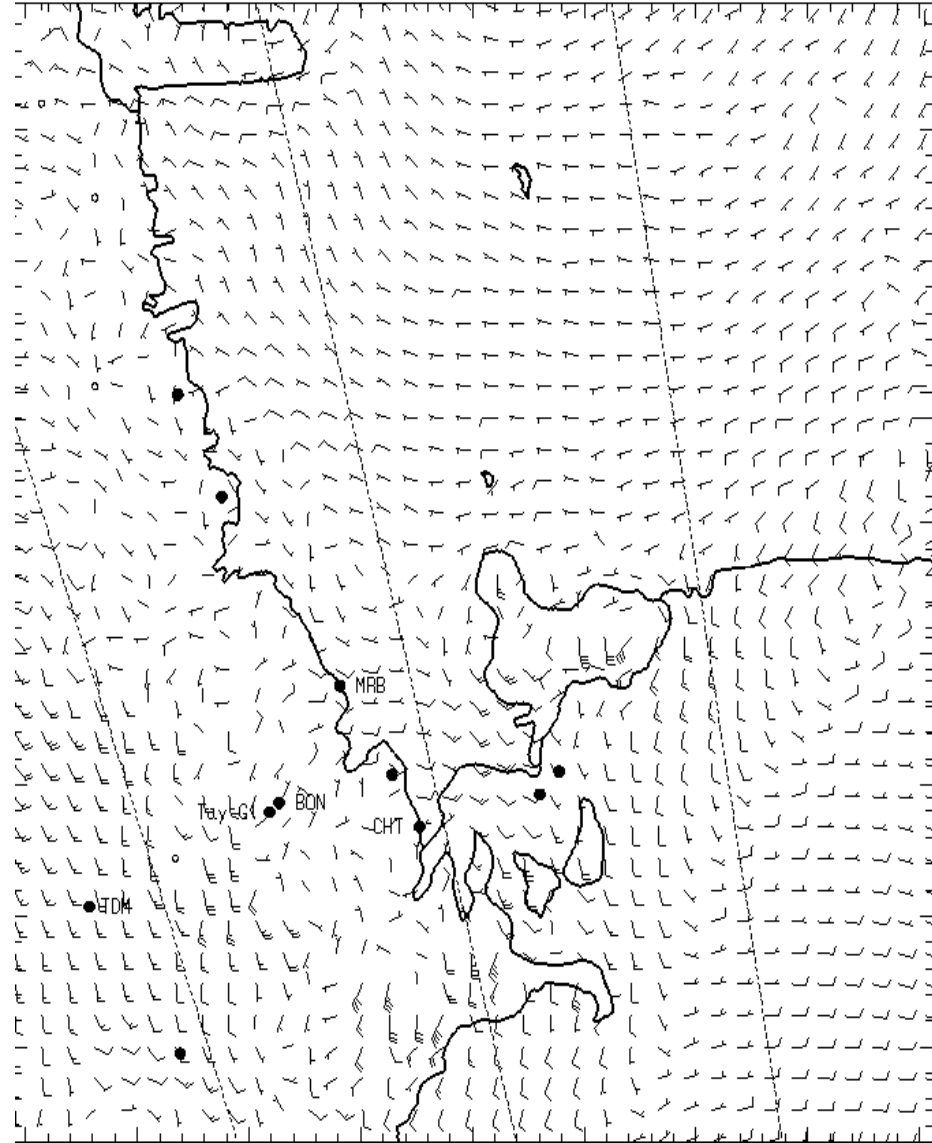


1300L

1,000 ft AGL

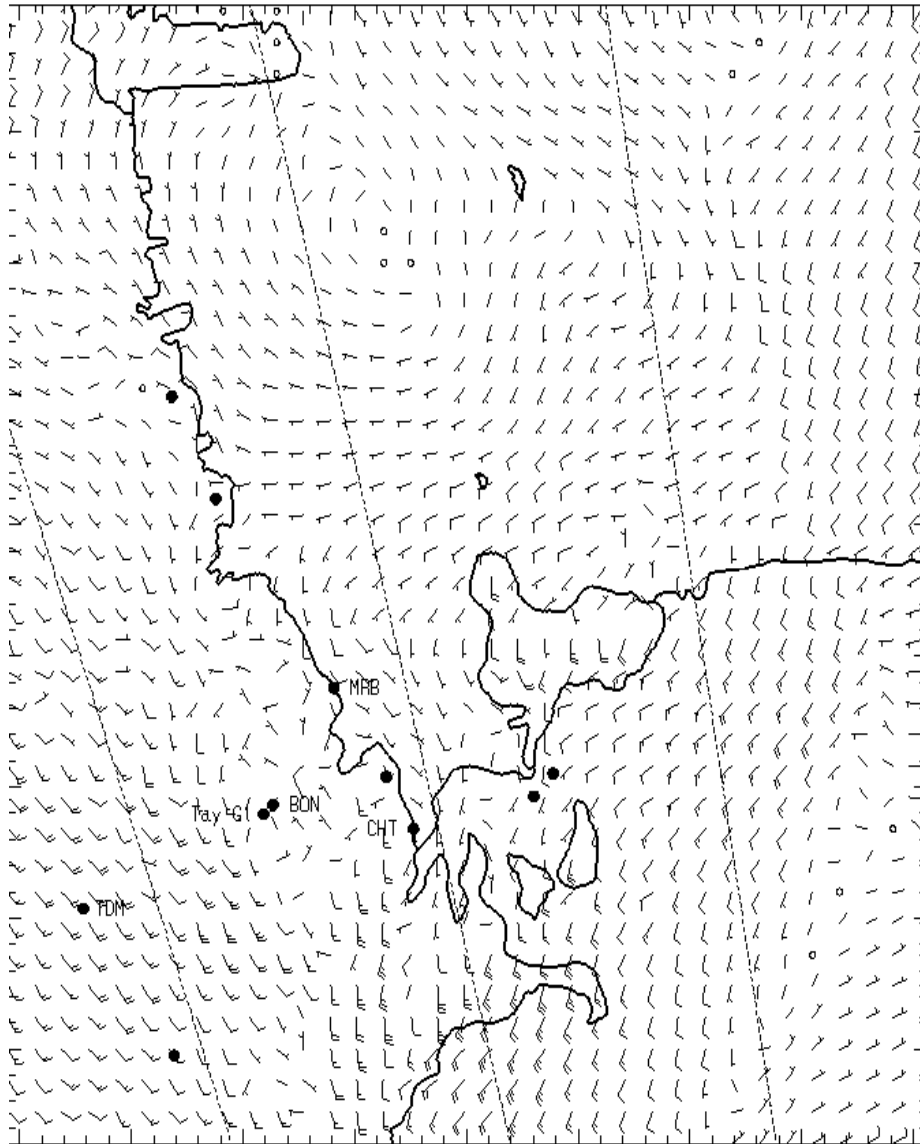


0700L

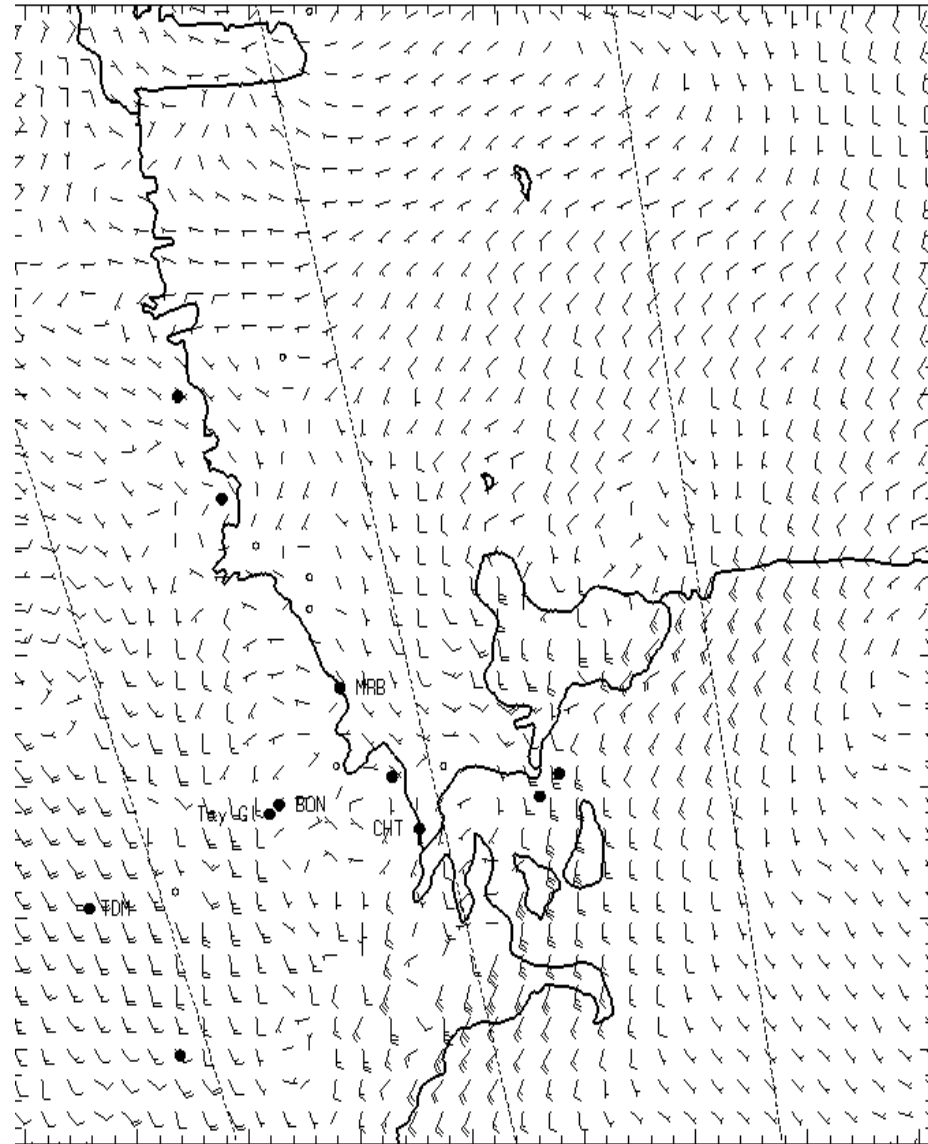


1300L

3,000 ft AGL

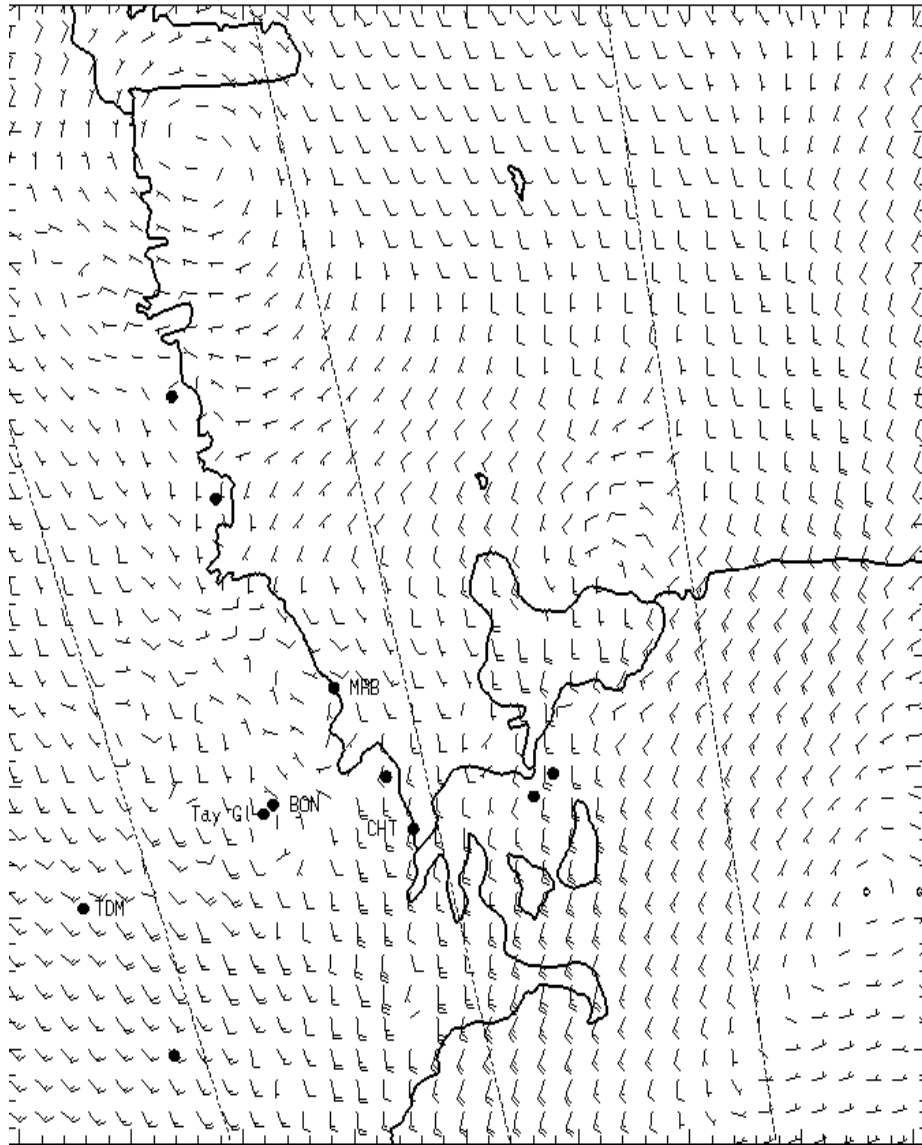


0700L

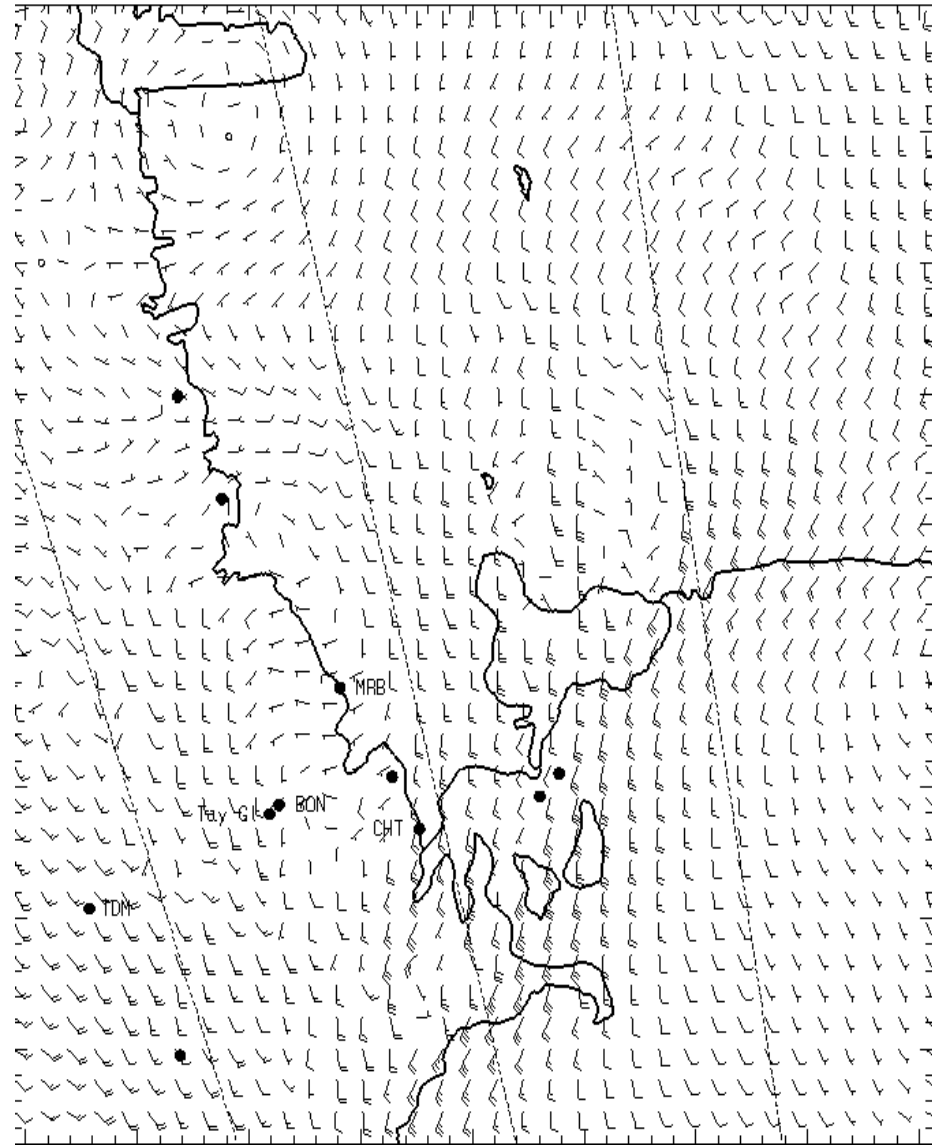


1300L

5,000 ft AGL



0700L



1300L