



Helo Weather

Charleston ROF
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Date (L): Friday 3 November 2023

Brief Time (L): 0615

Briefing Number: 11-003

FCSTR: Mark Millen

REGIONAL SUMMARY

A Low-pressure circulation to the north of Ross Island and a Low-pressure circulation to the south of Ross Island track northeastward through the forecast period with low clouds and precipitation clearing from the south of Ross Island to the north and over McMurdo Sound but persist over the north and east locations.

HAZARDS

Light Rime Icing in cloud predominantly to the north of Mt. Erebus and east of Ross Island.

LATEST MCMURDO OBSERVATION

NZCM 021632Z AUTO 05016KT 9999 -SN OVC050 M19/M24 A2849 RMK AO2 SNE1600B1632 SLP654 T11891241

RUNWAY TAFS

TAF NZFX 021458Z 0215/0315 10012KT 6000 BR DRSN SCT008 BKN050 QNH2849INS GRID27012KT
BECMG 0216/0218 12015KT 9999 DRSN FEW008 SCT050 QNH2847INS WND VRB06KT AFT03Z GRID29015KT
BECMG 0312/0314 07010G20KT 9999 DRSN SCT080 QNH2855INS GRID24010G20KT

TAF NZWD 021458Z 0215/0315 08010KT 6000 BR DRSN FEW008 BKN050 QNH2850INS GRID25010KT
BECMG 0221/0223 07012KT 9999 NSW FEW050 QNH2847INS WND VRB06KT AFT05Z GRID24012KT
BECMG 0312/0314 18010G20KT 9999 DRSN SCT080 QNH2858INS GRID35010G20KT

MCMURDO HELIPAD FORECAST (VALID TIME: 03/0600L - 1800L)

SFC WIND (TRUE): 06015G25KT

SFC VISIBILITY (SM): 5-6 -SN BLSN, BECMG UNRES DRSN AFT 09L

SKY CONDITION (AGL): BKN045, BECMG SCT045 AFT 10L

MIN ALSTG: 28.47INS

HAZARDS: NIL

SITE & AREA FORECASTS (VALID TIME: 03/0600L - 1800L)

LAKE FRYXELL

SFC WIND (TRUE): 08007KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW050, BECMG SKC AFT 11L

MIN ALSTG: 28.43INS

HAZARDS: NIL

AWS 104 NORTH CREVASSE

SFC WIND (TRUE): 12007KT

SFC VISIBILITY (SM): 3-5 BR, TEMPO 1-3 –SN BR 06-12L

SKY CONDITION (AGL): SCT003 OVC010, TEMPO OVC003

MIN ALSTG: 28.43INS

HAZARDS: LGT RIME ICING 003/050

AWS 108 BIESIADA CREVASSE

SFC WIND (TRUE): 24009KT

SFC VISIBILITY (SM): 3-5 BR, TEMPO 1-3 –SN BR 06-11L

SKY CONDITION (AGL): SCT003 BKN010, TEMPO OVC003

MIN ALSTG: 28.45INS

HAZARDS: LGT RIME ICING 003/050

CAPE CROZIER

SFC WIND (TRUE): 21018G23KT, BECMG 21014KT AFT 1600L

SFC VISIBILITY (SM): 3-5 BLSN BR, TEMPO 1-3 BLSN BR 06-10L

SKY CONDITION (AGL): SCT003 BKN010, TEMPO BKN003

MIN ALSTG: 28.40INS

HAZARDS: LGT RIME ICING 003/050

CAMPBELL CRAG

SFC WIND (TRUE): 15007KT, BECMG 17017KT AFT 14L

SFC VISIBILITY (SM): UNRES, BECMG 6 BLSN AFT 14L

SKY CONDITION (AGL): SKC

MIN ALSTG: 27.75INS

HAZARDS: NIL

BLACK ISLAND

SFC WIND (TRUE): VRB05KT, BECMG 04006KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW030, BECMG SKC

MIN ALSTG: 28.44INS

HAZARDS: NIL

TRACHYTE

SFC WIND (TRUE): 01015KT

SFC VISIBILITY (SM): 2-4 BLSN BR, TEMPO 1-3 BLSN BR 06-15L

SKY CONDITION (AGL): SCT003 OVC010, TEMPO OVC003 06-15L

MIN ALSTG: 28.39INS

HAZARDS: LGT RIME ICING 003/050

HOOPER'S SHOULDER

SFC WIND (TRUE): VRB06KT, BECMG 14015KT AFT 16L
SFC VISIBILITY (SM): UNRES, BECMG 1-3 –SN BR AFT 15L
SKY CONDITION (AGL): SCT002, BECMG BKN002 AFT 15L
MIN ALSTG: 27.80INS
HAZARDS: LGT RIME ICING 002/050

OAMARU PEAK

SFC WIND (TRUE): 02015KT
SFC VISIBILITY (SM): 2-4 BLSN BR, TEMPO 1-3 BLSN BR 06-15L
SKY CONDITION (AGL): SCT003 OVC010, TEMPO VV003 06-15L
MIN ALSTG: 28.40INS
HAZARDS: LGT RIME ICING SFC/050

NEW HARBOR

SFC WIND (TRUE): 16009KT, BECMG VRB06KT AFT 14L
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): BKN010 BKN045, BECMG SCT045 AFT 09L
MIN ALSTG: 28.34INS
HAZARDS: NIL

NEW HARBOR AREA

SFC WIND (TRUE): 16009KT, BECMG VRB06KT AFT 15L
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): BKN010 BKN045, BECMG SCT045 AFT 10L
MIN ALSTG: 29.33INS
HAZARDS: NIL

GRANITE HARBOR AREA

SFC WIND (TRUE): VRB05KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): FEW040
MIN ALSTG: 28.40
HAZARDS: NIL

CAPE BIRD HUT

SFC WIND (TRUE): 02014KT
SFC VISIBILITY (SM): 2-4 BLSN BR, TEMPO 1-3 BLSN BR 06-15L
SKY CONDITION (AGL): SCT003 OVC010, TEMPO OVC003 06-15L
MIN ALSTG: 28.38
HAZARDS: LGT RIME ICING 003/050

SCOTT BASE

SFC WIND (TRUE): 05010G20KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): BKN040, BECMG SCT040

MIN ALSTG: 28.45INS

HAZARDS: NIL

MARBLE POINT

SFC WIND (TRUE): 16010G15KT, BECMG VRB06KT AFT 15L

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW010 SCT045

MIN ALSTG: 28.49

HAZARDS: NIL

SPIKE CAPE

SFC WIND (TRUE): 15012G18KT, BECMG VRB06KT AFT 15L

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW010 FEW045

MIN ALSTG: 28.45

HAZARDS: NIL

NIGHT AREA FORECASTS (VALID TIME: 03/1800L – 04/0600L)

MCMURDO HELIPAD

SFC WIND (TRUE): 08009KT, BECMG 05015G25KT AFT 02L

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT045

MIN ALSTG: 28.50

HAZARDS: NIL

NEW HARBOR

SFC WIND (TRUE): VRB06KT

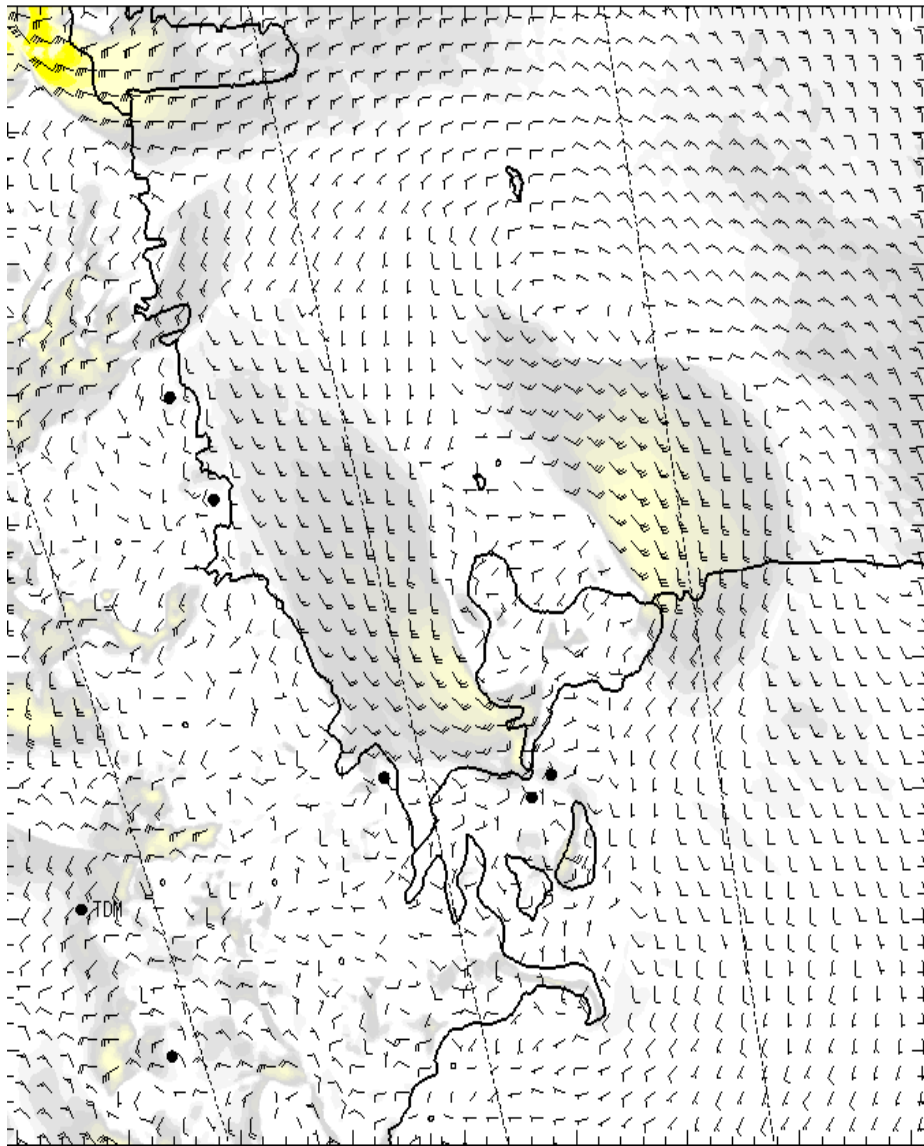
SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW030

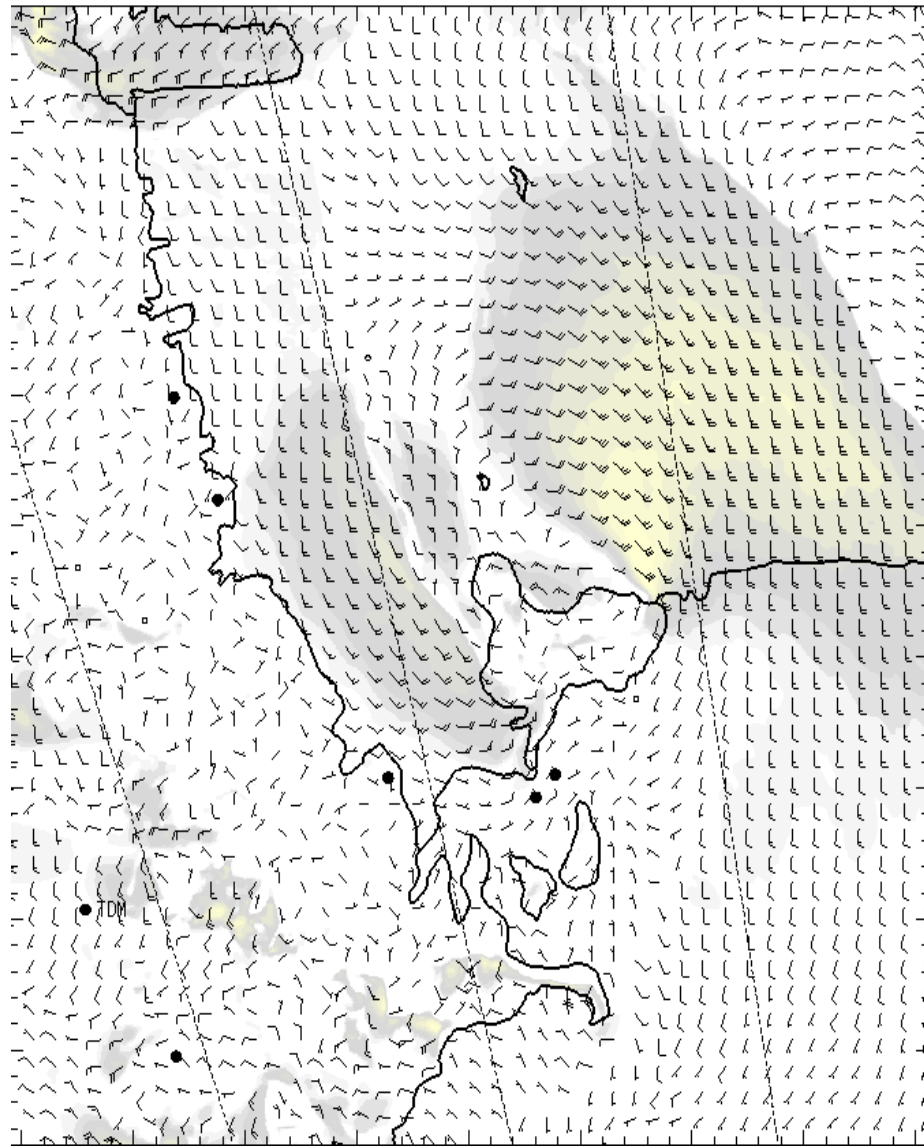
MIN ALSTG: 28.46INS

HAZARDS: NIL

SFC

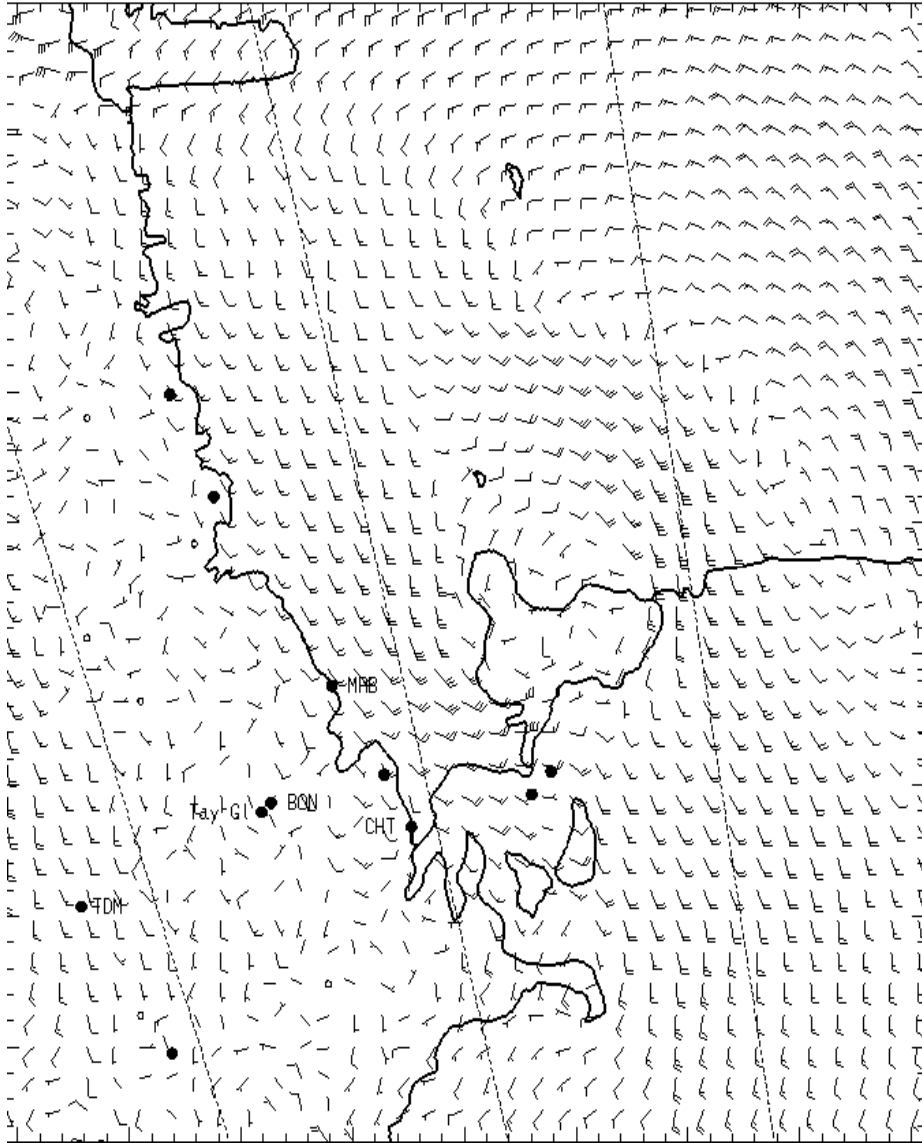


0700L

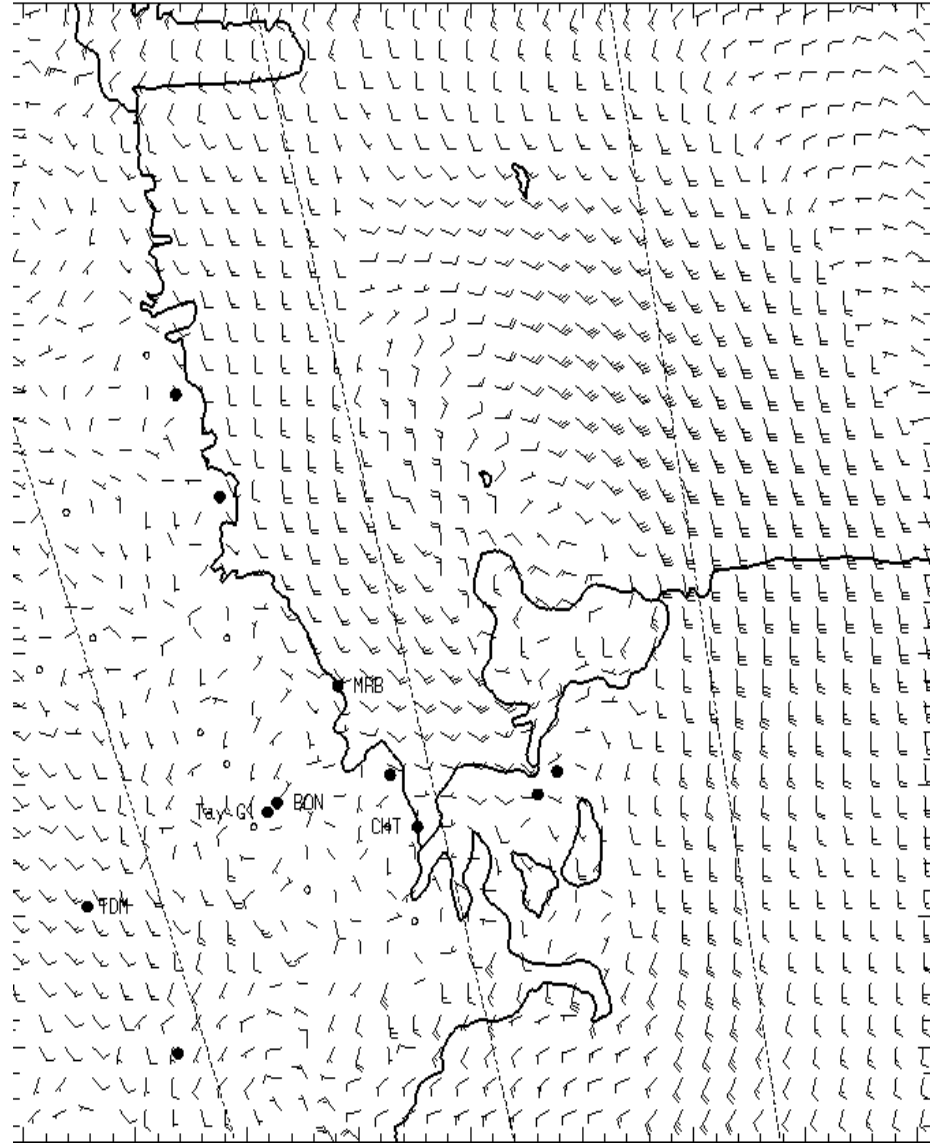


1300L

1,000 ft AGL

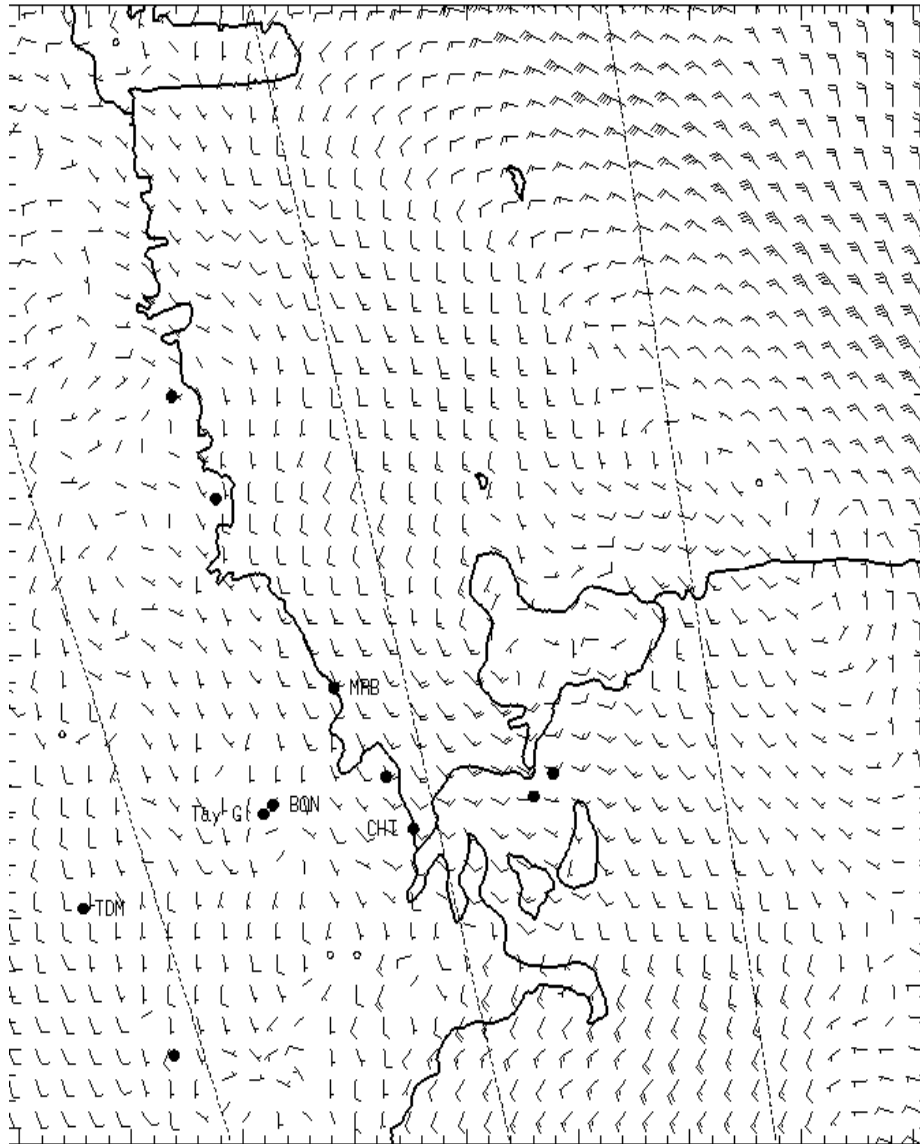


0700L

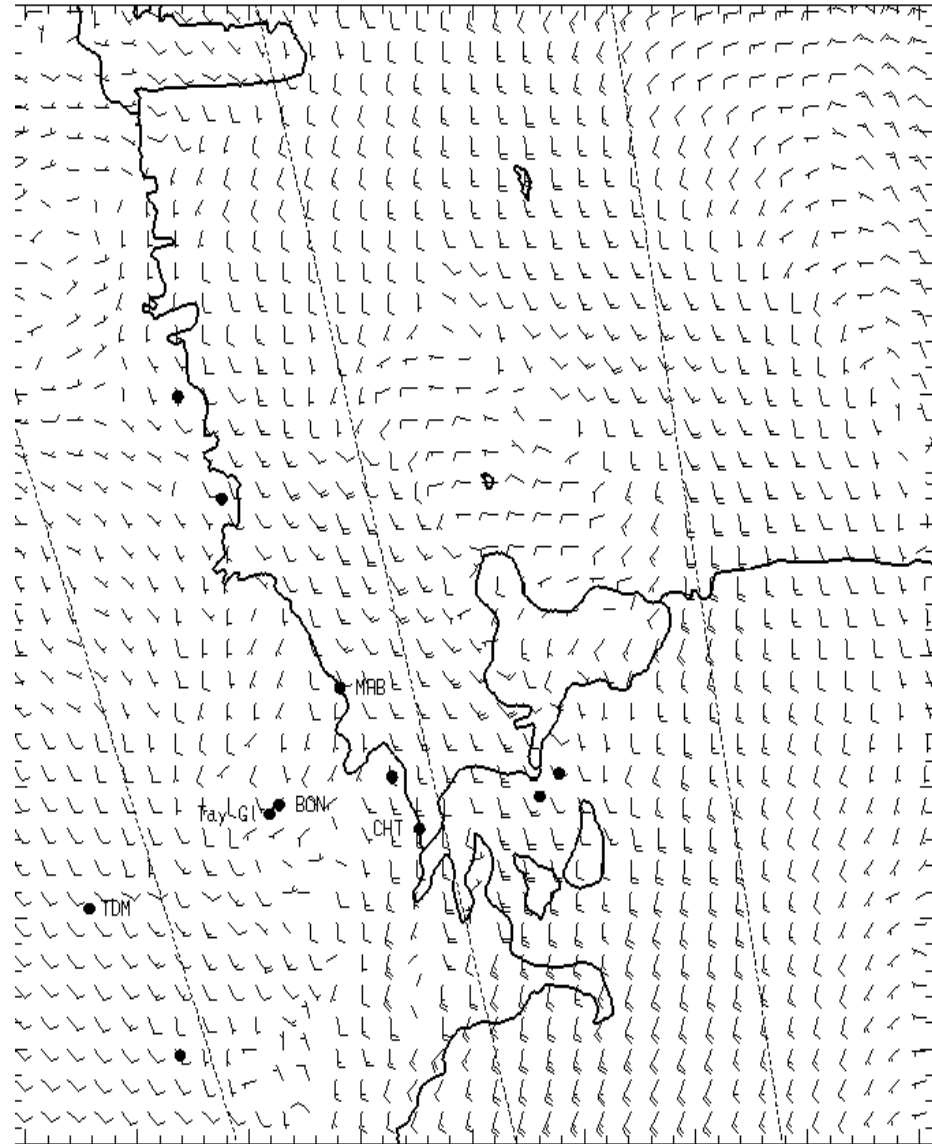


1300L

3,000 ft AGL

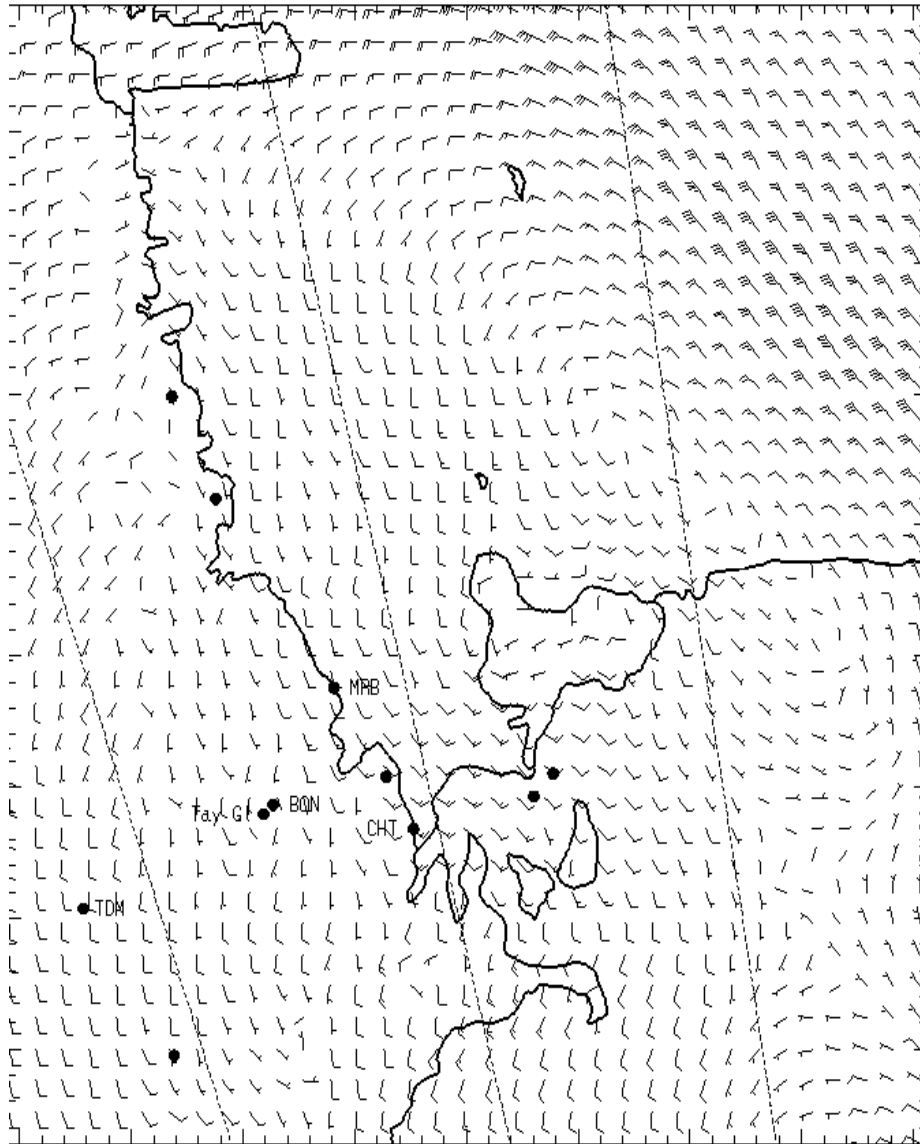


0700L

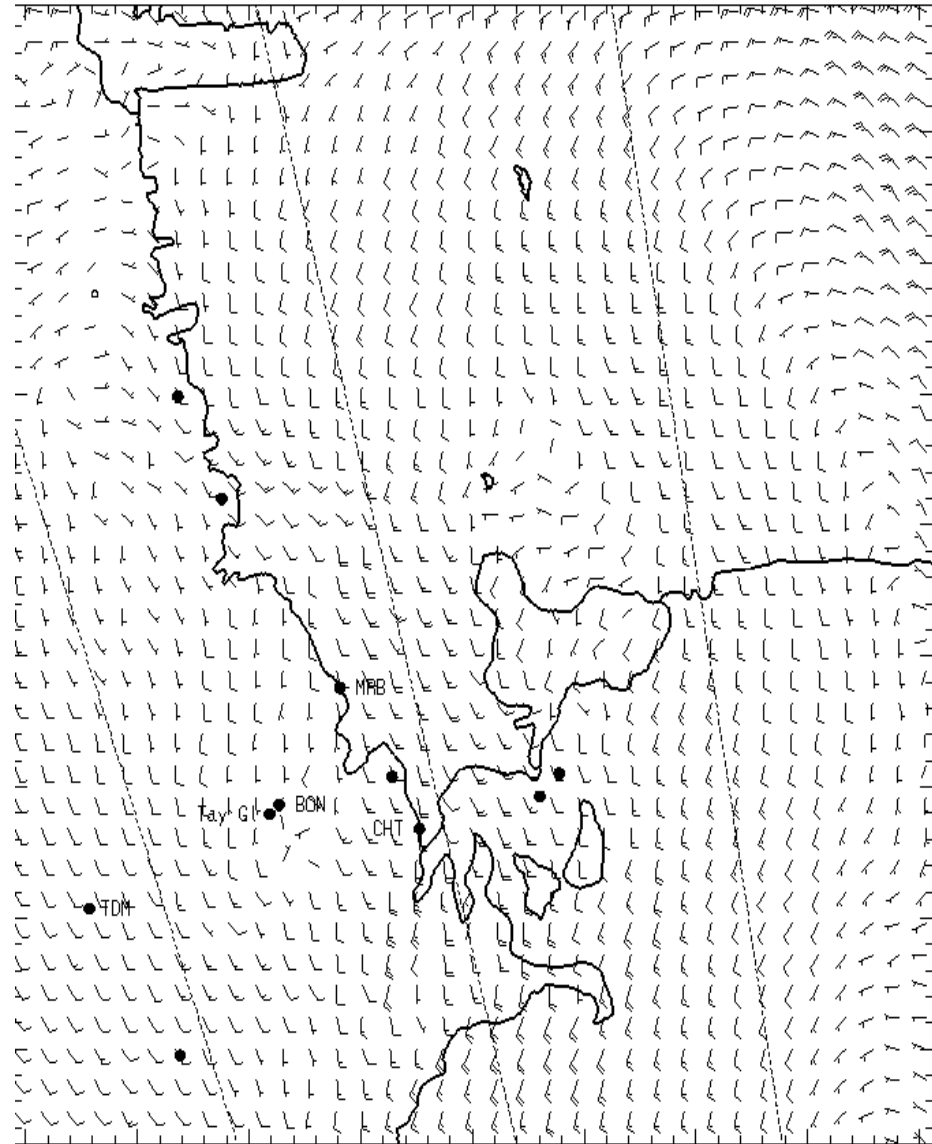


1300L

5,000 ft AGL



0700L



1300L