



Helo Weather

Charleston ROF
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Date (Z): 05 JAN 2026

Brief Time (Z): 1630Z

Void Time (Z): 1900Z

Briefing Number: 01-003

FORECASTER: Mark Millen

REGIONAL SUMMARY

INDICATIONS ARE FOR A LEWIS BAY HIGH PRESSURE CENTER TO BRING FOG IN FROM THE MCMURDO SOUND TODAY. EXPECT LIGHT WINDS AND LOWERING SURFACE VISIBILITY DUE TO FOG THROUGH THE DAY.

HAZARDS

LOW CEILINGS AND POOR SURFACE VISIBILITY DUE TO FOG, PATCHY AT TIMES, AROUND ROSS ISLAND TODAY.

LATEST MCMURDO OBSERVATION (AUTO OBS)

METAR NZCM 041455Z AUTO VRB04KT 9999 CLR M01/M04 A2942 RMK AO2 SLP967 T10051039 58008

RUNWAY TAFS

TAF NZFX 041458Z 0415/0515 (0504/0604NZDT) 08009KT 9999 FEW025 SCT050 BKN100 QNH2942INS GRID25009KT
BECMG 0417/0419 (0506/0508NZDT) 25009KT 4800 BR FEW050 SCT100 QNH2932INS GRID06009KT
BECMG 0419/0421 (0508/0510NZDT) 25009KT 0800 FZFG FEW050 SCT100 QNH2928INS GRID06009KT

TAF NZWD 041458Z 0415/0515 (0504/0604NZDT) 08009KT 9999 FEW025 SCT050 BKN100 QNH2942INS GRID25009KT
BECMG 0421/0423 (0510/0512NZDT) 25009KT 4800 BR FEW050 SCT100 QNH2932INS GRID06009KT
BECMG 0423/0501 (0512/0514NZDT) 25009KT 0800 FZFG FEW050 SCT100 QNH2928INS GRID06009KT

MCMURDO HELIPAD FORECAST (VALID TIME: 05/0600L - 1800L)

SFC WIND (TRUE): 33010KT

SFC VISIBILITY (SM): UNRES, BECMG 1 BR VCFG AFT 10L

SKY CONDITION (AGL): FEW005 FEW080, BECMG FG FEW000 AFT 10L

MIN ALSTG: 29.29INS

HAZARDS: NIL

SITE & AREA FORECASTS (VALID TIME: 05/0600L - 1800L)

CAPE CROZIER

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT008 BKN080 BKN150

MIN ALSTG: 29.30INS

HAZARDS: NIL

CAPE ROYDS

SFC WIND (TRUE): 02009KT

SFC VISIBILITY (SM): 2 BR

SKY CONDITION (AGL): BR SCT000 BKN015 BKN080

MIN ALSTG: 29.25INS

HAZARDS: NIL

CONE Z**SFC WIND (TRUE):** 15009KT**SFC VISIBILITY (SM):** UNRES, BECMG 1 BR AFT 13L**SKY CONDITION (AGL):** FEW010 BKN080, BECMG BR SCT000 AFT 13L**MIN ALSTG:** 28.70INS**HAZARDS:** NIL**BLACK ISLAND****SFC WIND (TRUE):** VRB06KT**SFC VISIBILITY (SM):** 1 BR**SKY CONDITION (AGL):** BR BKN000 BKN015 BKN080**MIN ALSTG:** 29.29INS**HAZARDS:** NIL**WILLIAMS PEAK****SFC WIND (TRUE):** VRB05KT**SFC VISIBILITY (SM):** 4 BR**SKY CONDITION (AGL):** FEW010 BKN080**MIN ALSTG:** 29.09INS**HAZARDS:** NIL**BLACKWELDER GLACIER****SFC WIND (TRUE):** VRB06KT**SFC VISIBILITY (SM):** 6 BR**SKY CONDITION (AGL):** FEW010 BKN080**MIN ALSTG:** 29.15INS**HAZARDS:** NIL**LAKE FRYXELL****SFC WIND (TRUE):** VRB04KT**SFC VISIBILITY (SM):** UNRES**SKY CONDITION (AGL):** SCT080**MIN ALSTG:** 29.25INS**HAZARDS:** NIL**LOWER TAYLOR VALLEY****SFC WIND (TRUE):** VRB04KT**SFC VISIBILITY (SM):** UNRES**SKY CONDITION (AGL):** SCT080**MIN ALSTG:** 29.25INS**HAZARDS:** NIL**BLOOD FALLS****SFC WIND (TRUE):** VRB04KT**SFC VISIBILITY (SM):** UNRES**SKY CONDITION (AGL):** SCT080**MIN ALSTG:** 29.25INS**HAZARDS:** NIL

LAKE HOARE

SFC WIND (TRUE): VRB04KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): SCT080
MIN ALSTG: 29.25INS
HAZARDS: NIL

SITE 1

SFC WIND (TRUE): 05006KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): BKN080
MIN ALSTG: 29.18INS
HAZARDS: NIL

SITE 2

SFC WIND (TRUE): 05007KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): BKN080
MIN ALSTG: 29.18INS
HAZARDS: NIL

SITE 3

SFC WIND (TRUE): 05006KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): BKN080
MIN ALSTG: 29.17INS
HAZARDS: NIL

SITE 4

SFC WIND (TRUE): 08006KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): BKN080
MIN ALSTG: 29.24INS
HAZARDS: NIL

MARBLE POINT

SFC WIND (TRUE): VRB04KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): BKN008 BKN070
MIN ALSTG: 29.29INS
HAZARDS: NIL

SCOTT BASE

SFC WIND (TRUE): 02010KT
SFC VISIBILITY (SM): UNRES, BECMG 1 BR VCFG AFT 10L
SKY CONDITION (AGL): FEW005 FEW080, BECMG FG FEW000 AFT 10L
MIN ALSTG: 29.27INS
HAZARDS: NIL

FANG CAMP

SFC WIND (TRUE): 32008KT

SFC VISIBILITY (SM): 1 BR

SKY CONDITION (AGL): OVC002

MIN ALSTG: 28.70INS

HAZARDS: MDT RIME ICING SFC-020

MINNA BLUFF

SFC WIND (TRUE): 19012G18KT

SFC VISIBILITY (SM): 3 BR

SKY CONDITION (AGL): FEW010 BKN080

MIN ALSTG: 29.14INS

HAZARDS: NIL

MINNA BLUFF CLIMATE STATION

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): 3 BR

SKY CONDITION (AGL): FEW010 BKN080

MIN ALSTG: 29.14INS

HAZARDS: NIL

MINNA BLUFF AWS

SFC WIND (TRUE): 19009KT

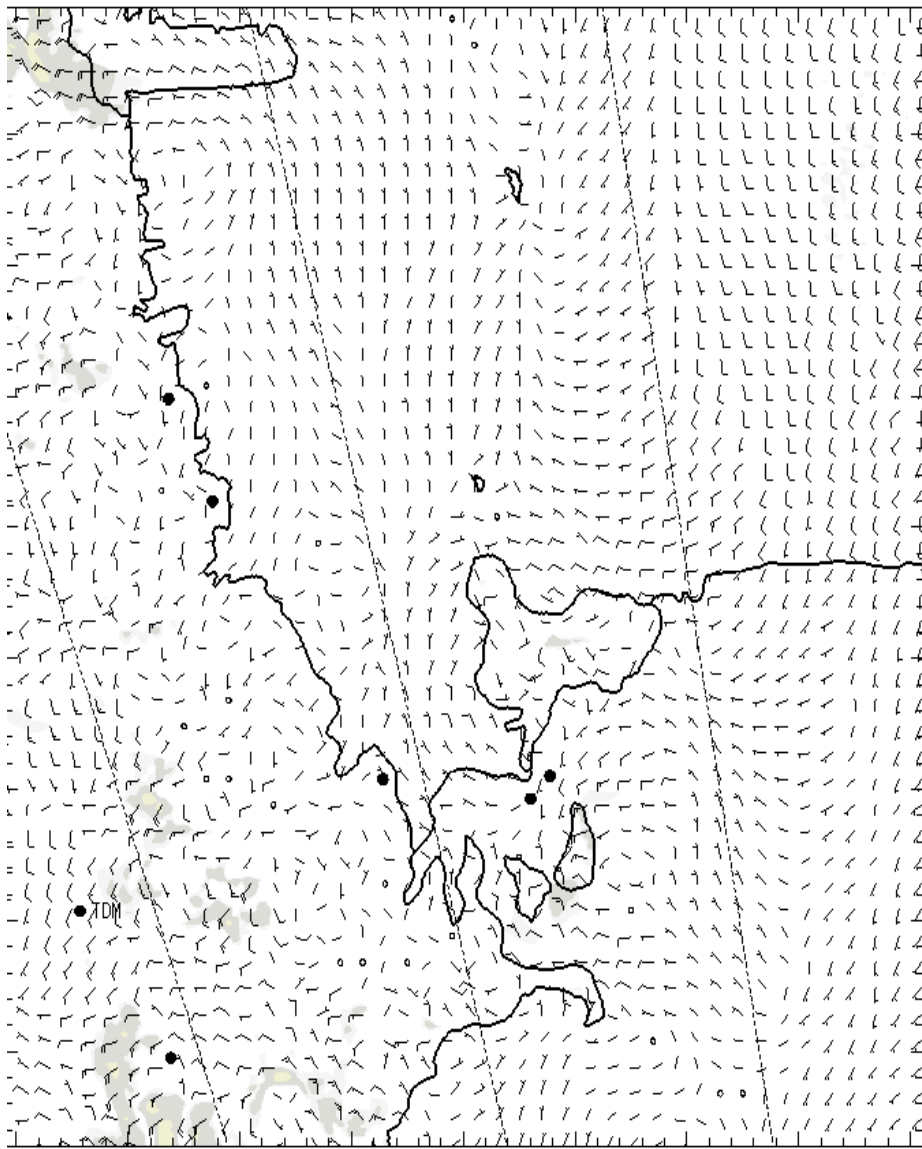
SFC VISIBILITY (SM): 3 BR

SKY CONDITION (AGL): FEW010 BKN080

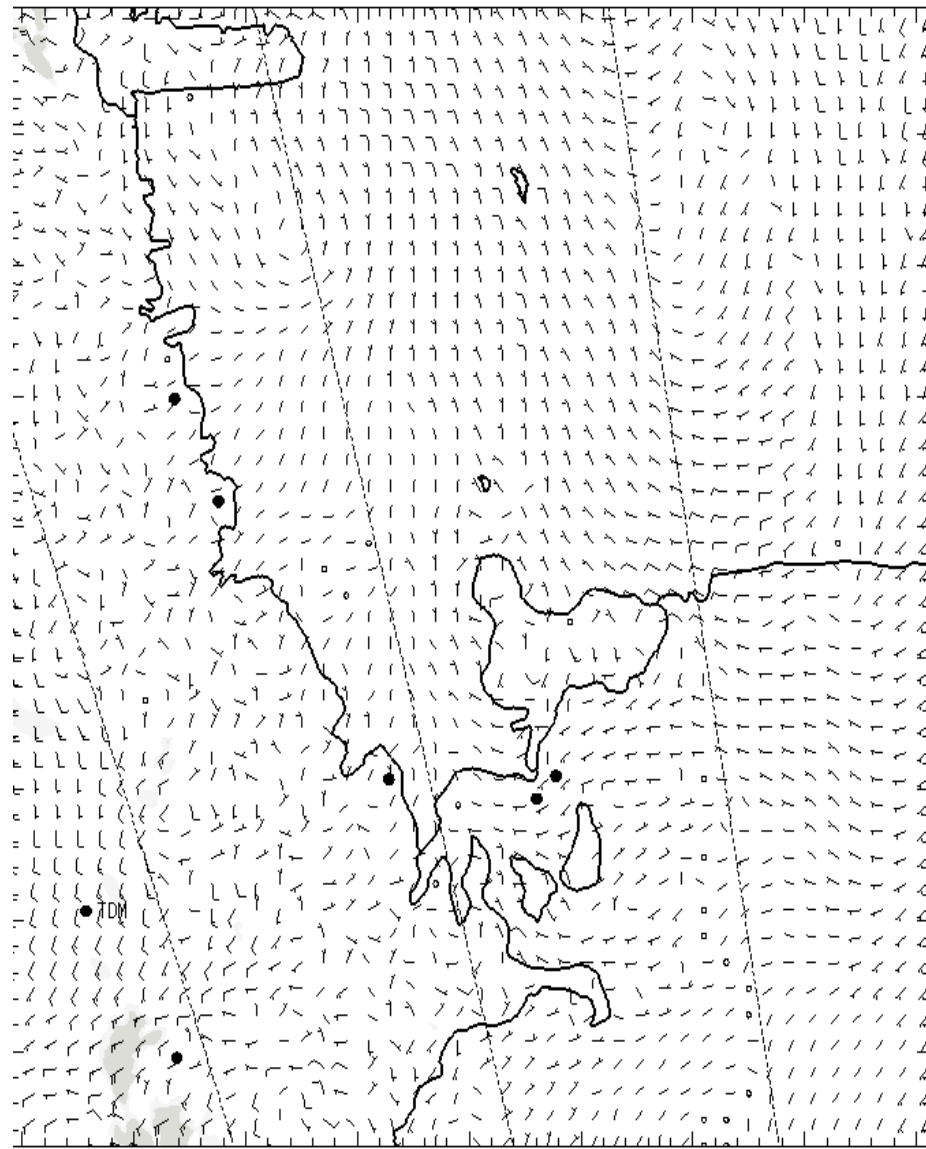
MIN ALSTG: 29.14INS

HAZARDS: NIL

SFC

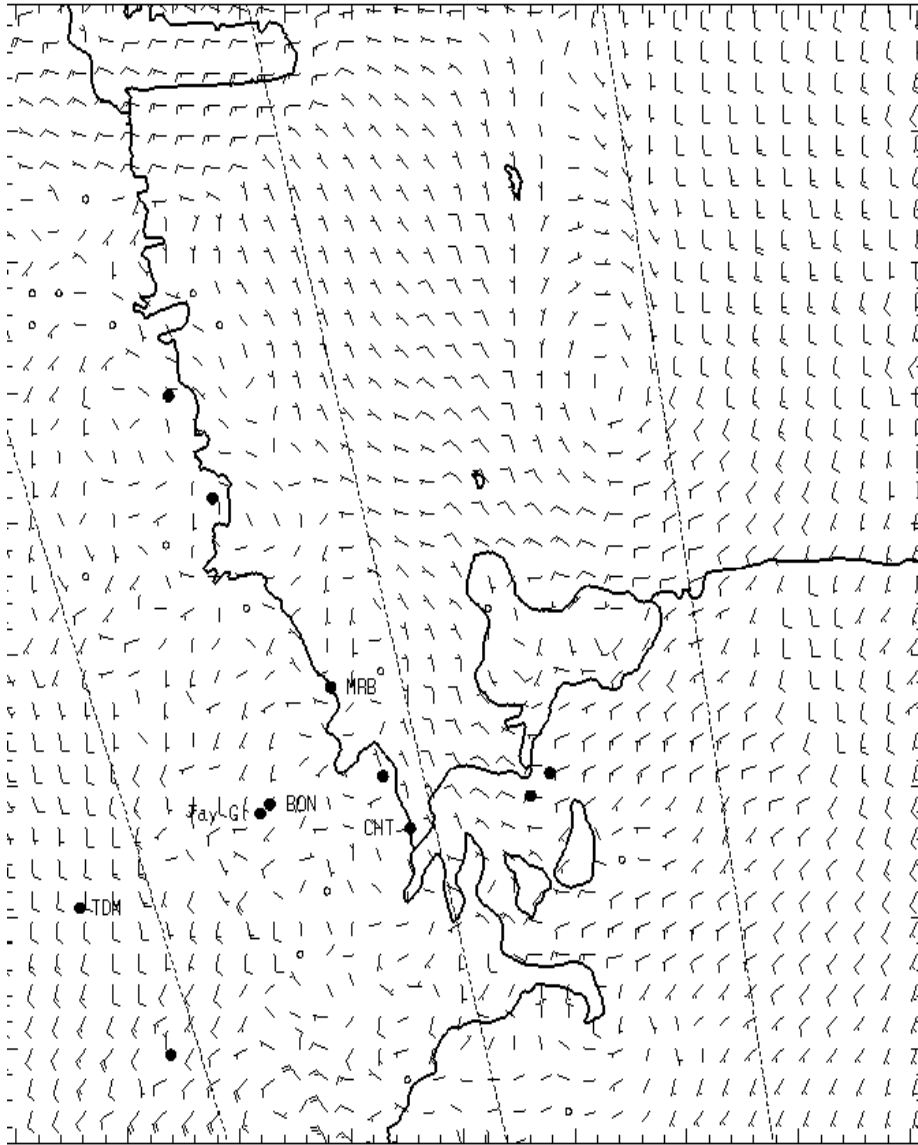


0600L

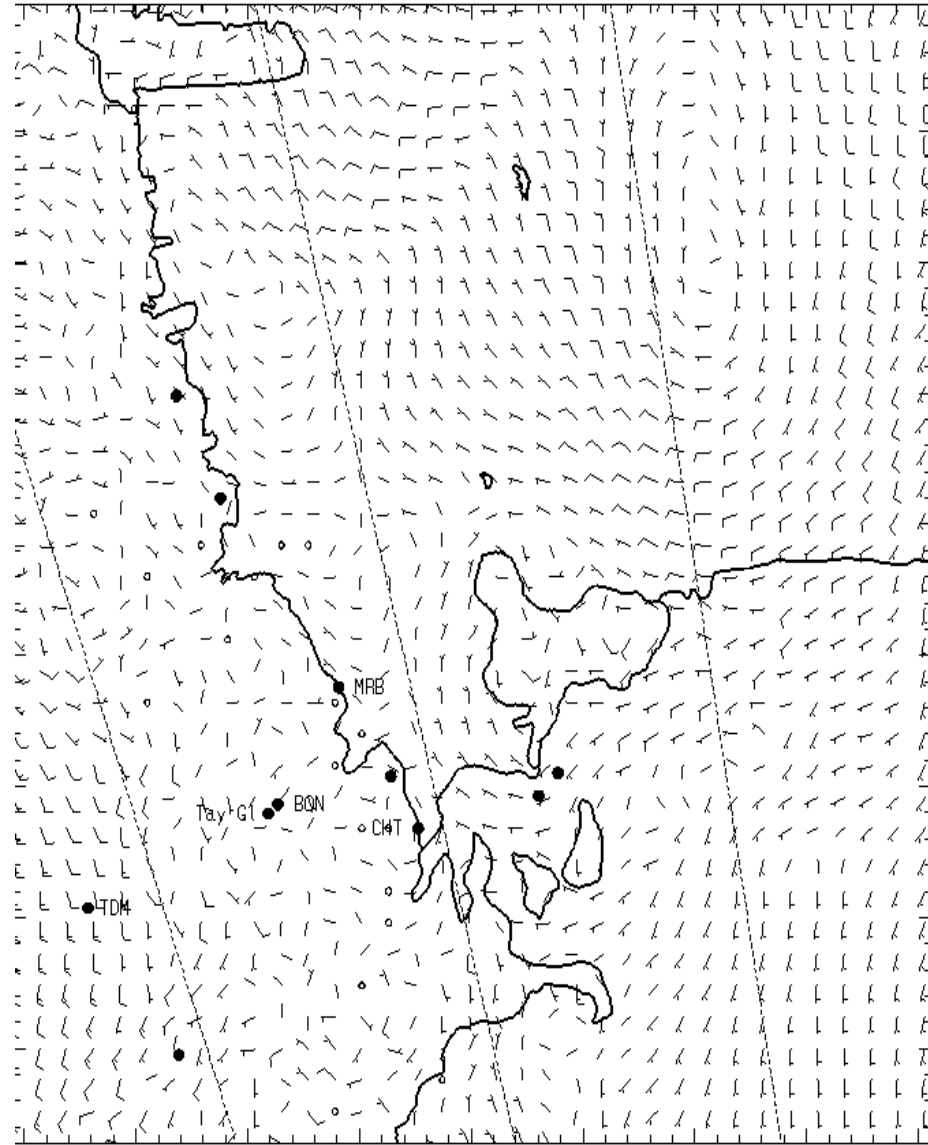


1200L

1,000 ft AGL

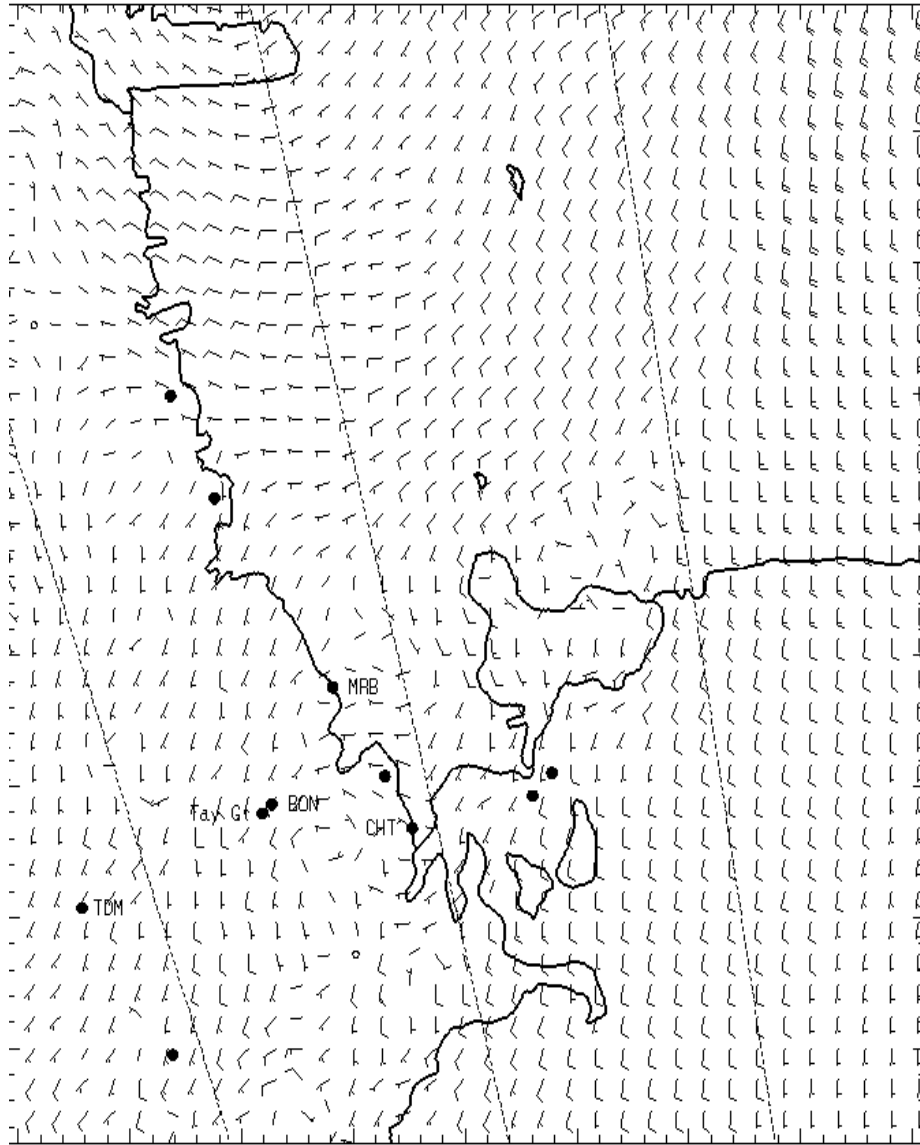


0600L

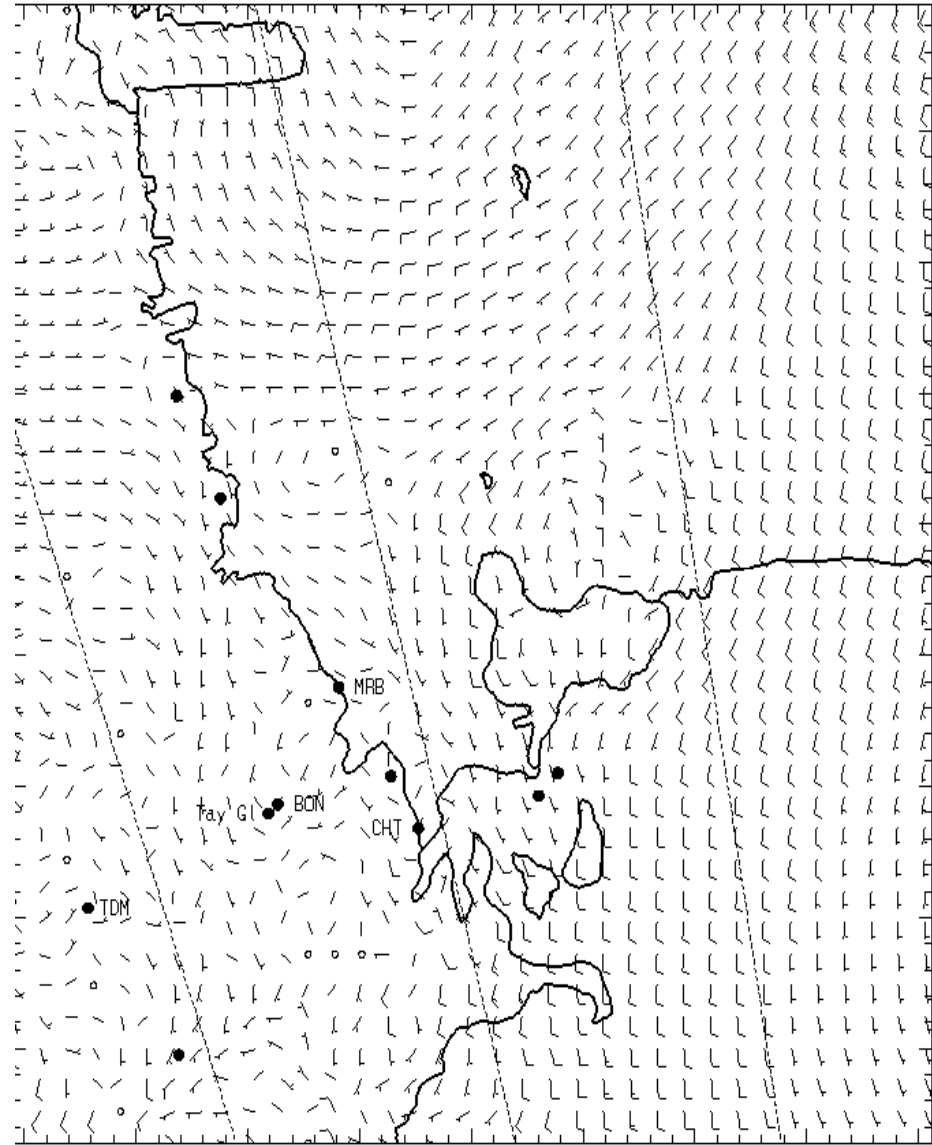


1200L

3,000 ft AGL

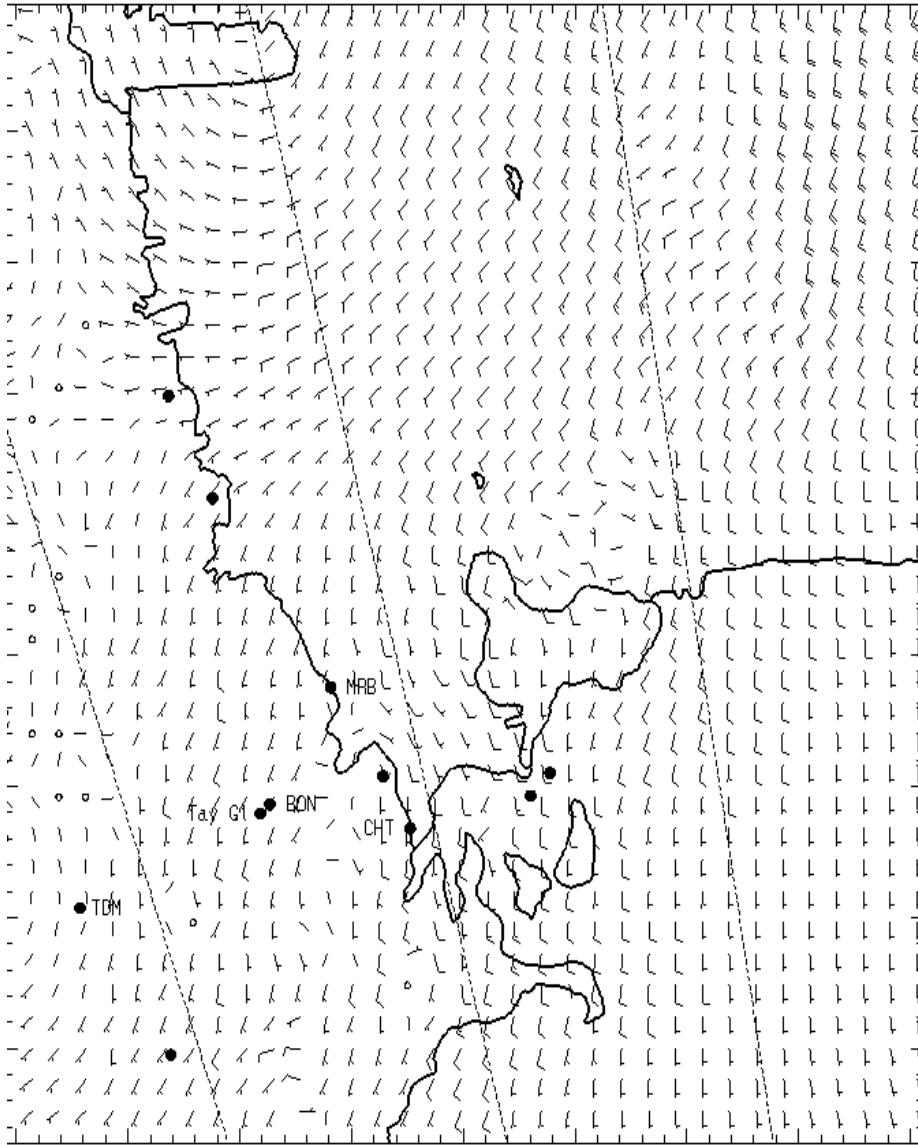


0600L

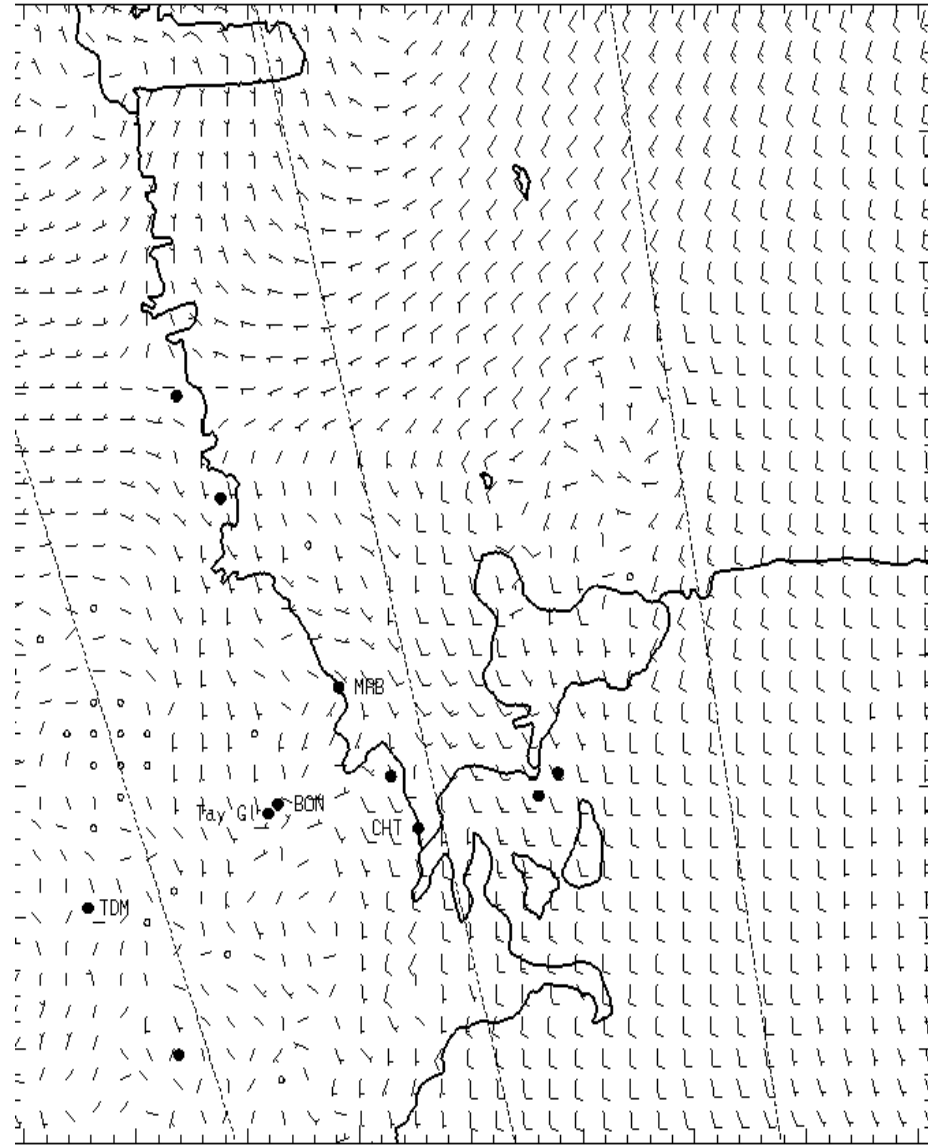


1200L

5,000 ft AGL



0600L



1200L