



Helo Weather

Charleston ROF
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Date (L): Monday 18 December 2023

Brief Time (L): 0615

Briefing Number: 12-016

FCSTR: Bob Michael

REGIONAL SUMMARY

A weak high pressure ridge extends from the northeast across the Ross Island area, resulting in generally light winds and little movement in the weather pattern through the region. With abundant low level moisture available that means lingering clouds and fog to start the week.

HAZARDS

NIL

LATEST MCMURDO OBSERVATION

METAR NZCM 171655Z AUTO 0000KT 9999 BKN008 M03/M07 A2906 RMK AO2 CIG 006V010 SLP846 T10351070=

RUNWAY TAFS

TAF NZFX 171457Z 1715/1815 (1804/1904NZDT) 09008KT 9999 SCT015 SCT030 BKN120 QNH2906INS GRID26008KT
BECMG 1715/1717 (1804/1806) VRB06KT 0400 FG VV005 QNH2900INS

BECMG 1719/1721 (1808/1810) 30006KT 9999 NSW FEW005 SCT015 BKN030 BKN120 QNH2888INS GRID11006KT

TAF NZWD 171457Z 1715/1815 (1804/1904NZDT) 12009KT 0400 FG VV005 QNH2902INS GRID29009KT

TEMPO 1716/1720 (1805/1809) 3200 BR SCT000 BKN015 BR SCT000

BECMG 1720/1722 (1809/1811) 23006KT 9999 NSW FEW005 SCT015 BKN030 BKN120 QNH2888INS GRID04006KT

MCMURDO HELIPAD FORECAST (VALID TIME: 18/0600L - 1800L)

SFC WIND (TRUE): VRB05KT

SFC VISIBILITY (SM): UNRES VCFG TEMPO 2-3 BR UNTIL 12L

SKY CONDITION (AGL): FEW005 SCT015 BKN050 BKN120

MIN ALSTG: 29.05INS

HAZARDS: NIL

SITE & AREA FORECASTS (VALID TIME: 18/0600L - 1800L)

NAUSEA KNOB

SFC WIND (TRUE): 26012KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SKC (SCT-BKN BELOW)

MIN ALSTG: 28.12INS

HAZARDS: NIL

LAKE FRYXELL

SFC WIND (TRUE): 13005KT BECMG 04015KT AFT 14L
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): FEW005 SCT015 BKN050 BKN120
MIN ALSTG: 28.89INS
HAZARDS: NIL

F6

SFC WIND (TRUE): 05010KT
SFC VISIBILITY (SM): UNRES VCFG UNTIL 12L
SKY CONDITION (AGL): SCT009 BKN045 BKN120
MIN ALSTG: 28.82INS
HAZARDS: NIL

HJORTH HILL

SFC WIND (TRUE): 34010KT
SFC VISIBILITY (SM): UNRES VCFG UNTIL 13L
SKY CONDITION (AGL): BKN035 BKN120
MIN ALSTG: 28.75INS
HAZARDS: NIL

BLACK ISLAND

SFC WIND (TRUE): 36006KT
SFC VISIBILITY (SM): ½ FG BECMG UNRES AFT 12L
SKY CONDITION (AGL): VV005 BECMG SCT009 BKN045 BKN120 AFT 12L
MIN ALSTG: 28.84INS
HAZARDS: NIL

LAKE HOARE

SFC WIND (TRUE): 08006KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): SCT010 BKN045 BKN120
MIN ALSTG: 28.82INS
HAZARDS: NIL

MARBLE POINT

SFC WIND (TRUE): 34007KT
SFC VISIBILITY (SM): UNRES VCFG UNTIL 13L
SKY CONDITION (AGL): FEW005 SCT015 BKN050 BKN120
MIN ALSTG: 28.89INS
HAZARDS: NIL

CAPE ROYDS

SFC WIND (TRUE): 35007KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW005 SCT015 BKN050 BKN120

MIN ALSTG: 28.85INS

HAZARDS: NIL

CAPE CROZIER

SFC WIND (TRUE): 02007KT

SFC VISIBILITY (SM): UNRES BECMG ¼ FG AFT 07L BECMG UNRES AFT 13L

SKY CONDITION (AGL): SCT030 BECMG VV005 AFT 07L BECMG FEW005 SCT015 BKN050 BKN120 AFT 13L

MIN ALSTG: 28.90INS

HAZARDS: NIL

SCOTT BASE

SFC WIND (TRUE): 31010KT

SFC VISIBILITY (SM): UNRES VCFG TEMPO 1-2 BR UNTIL 12L

SKY CONDITION (AGL): FEW005 SCT015 BKN050 BKN120

MIN ALSTG: 28.88

HAZARDS: NIL

DISCOVERY DEEP

SFC WIND (TRUE): VRB04KT

SFC VISIBILITY (SM): ¼ FG BECMG UNRES AFT 15L

SKY CONDITION (AGL): VV0005 BECMG SCT005 SCT030 AFT 15L

MIN ALSTG: 28.82INS

HAZARDS: NIL

CAPE REYNOLDS

SFC WIND (TRUE): 30008KT BECMG 17008KT AFT 14L

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT050 BKN120

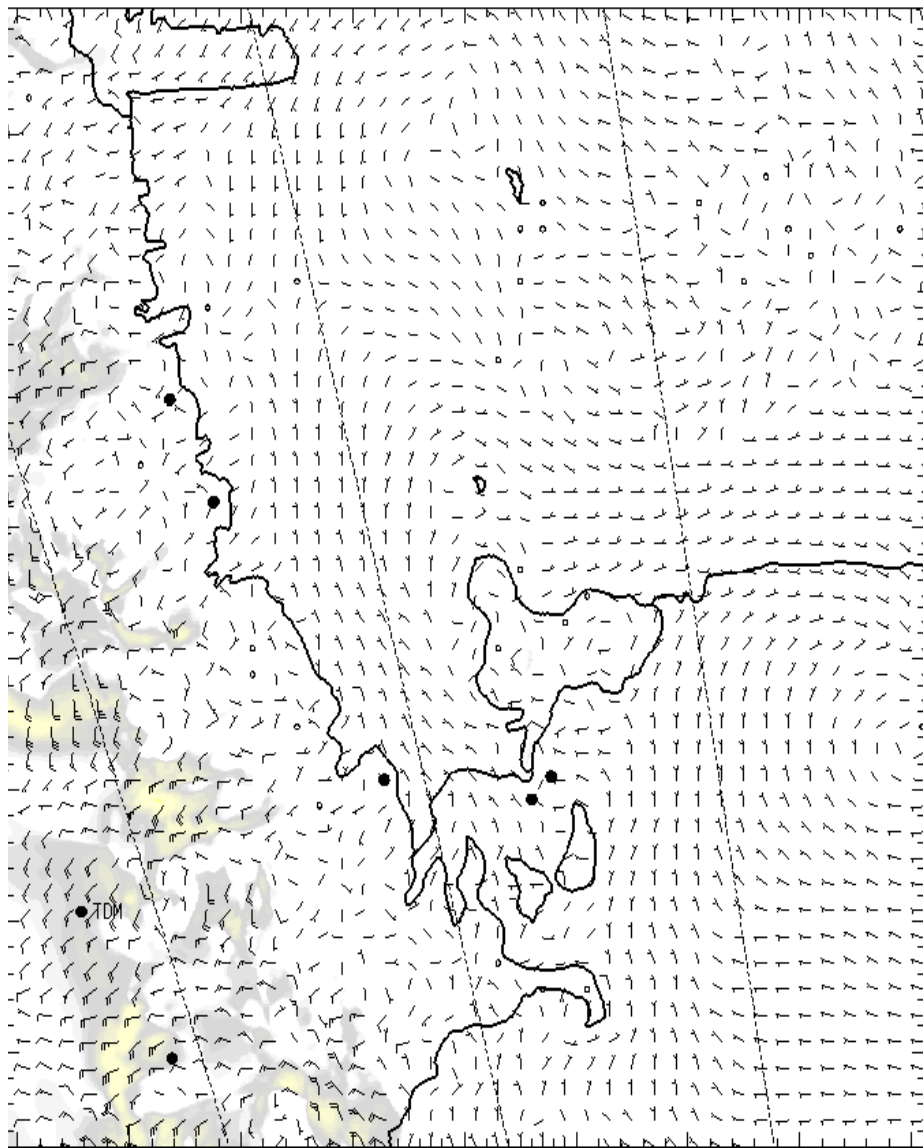
MIN ALSTG: 28.87INS

HAZARDS: NIL

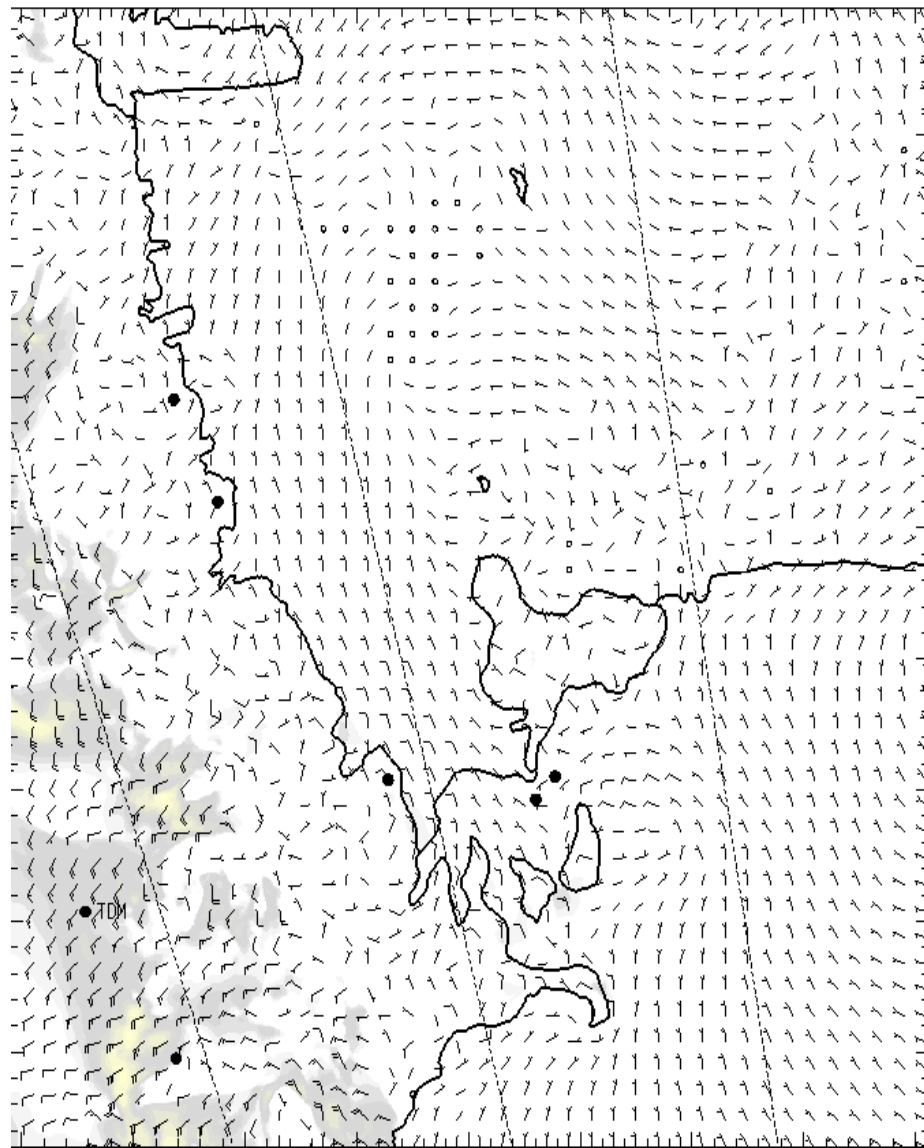
NIGHT SITE & AREA FORECASTS (VALID TIME: 18/1800L – 19/0600L)

NIL

SFC

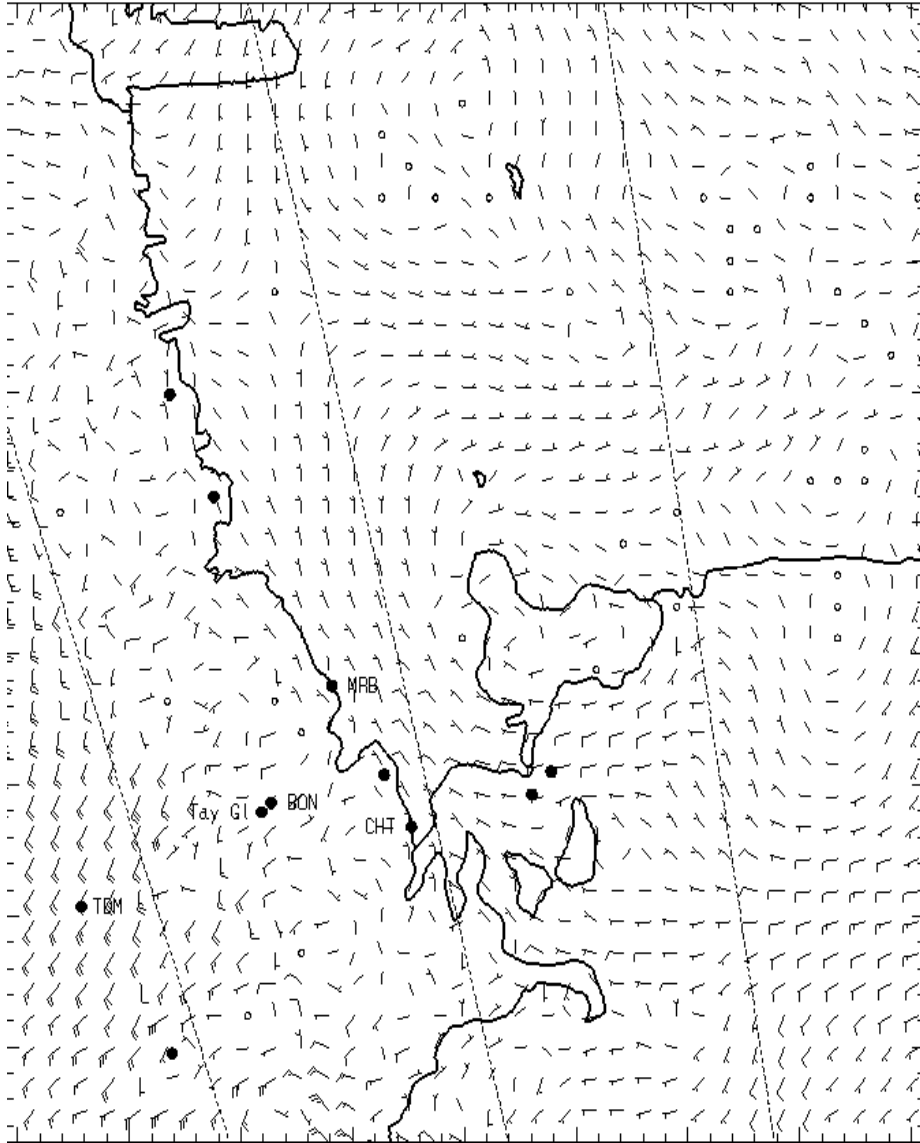


0700L

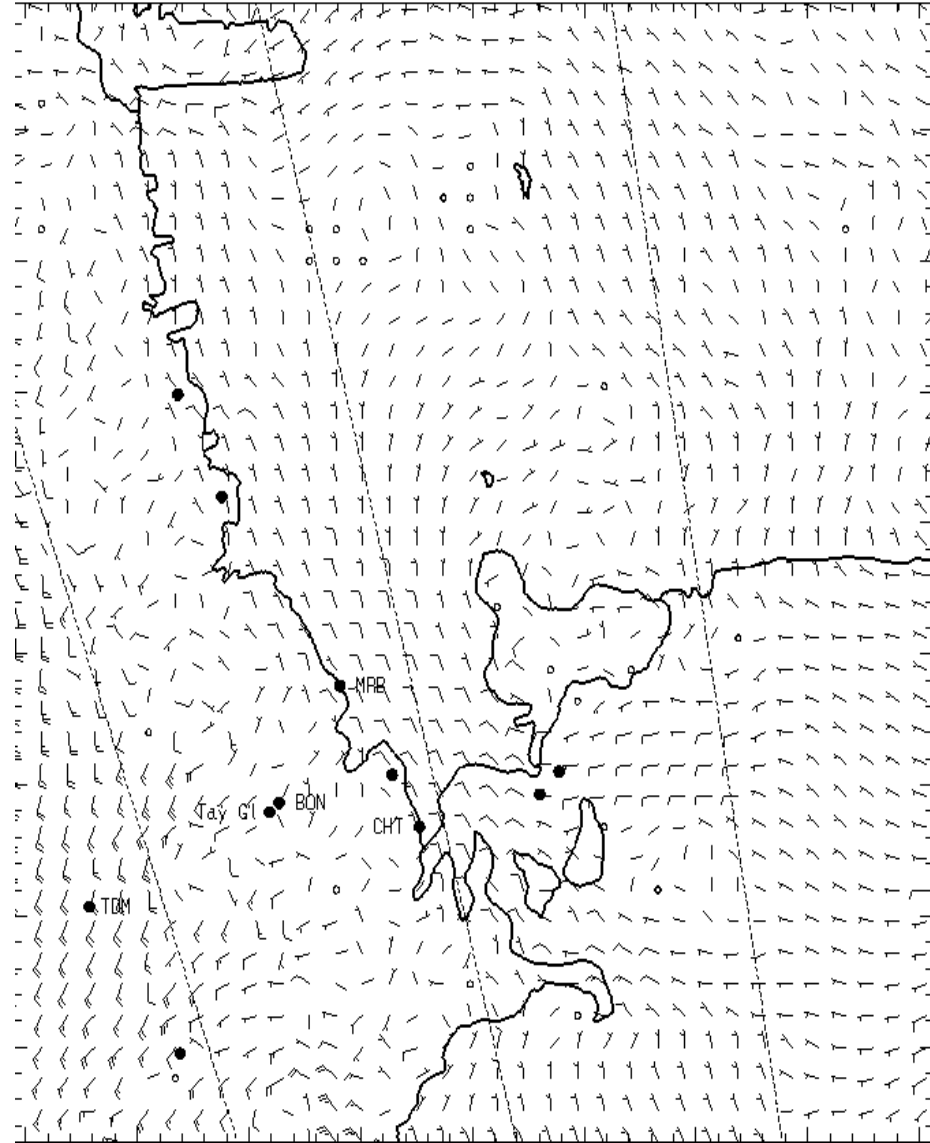


1300L

1,000 ft AGL

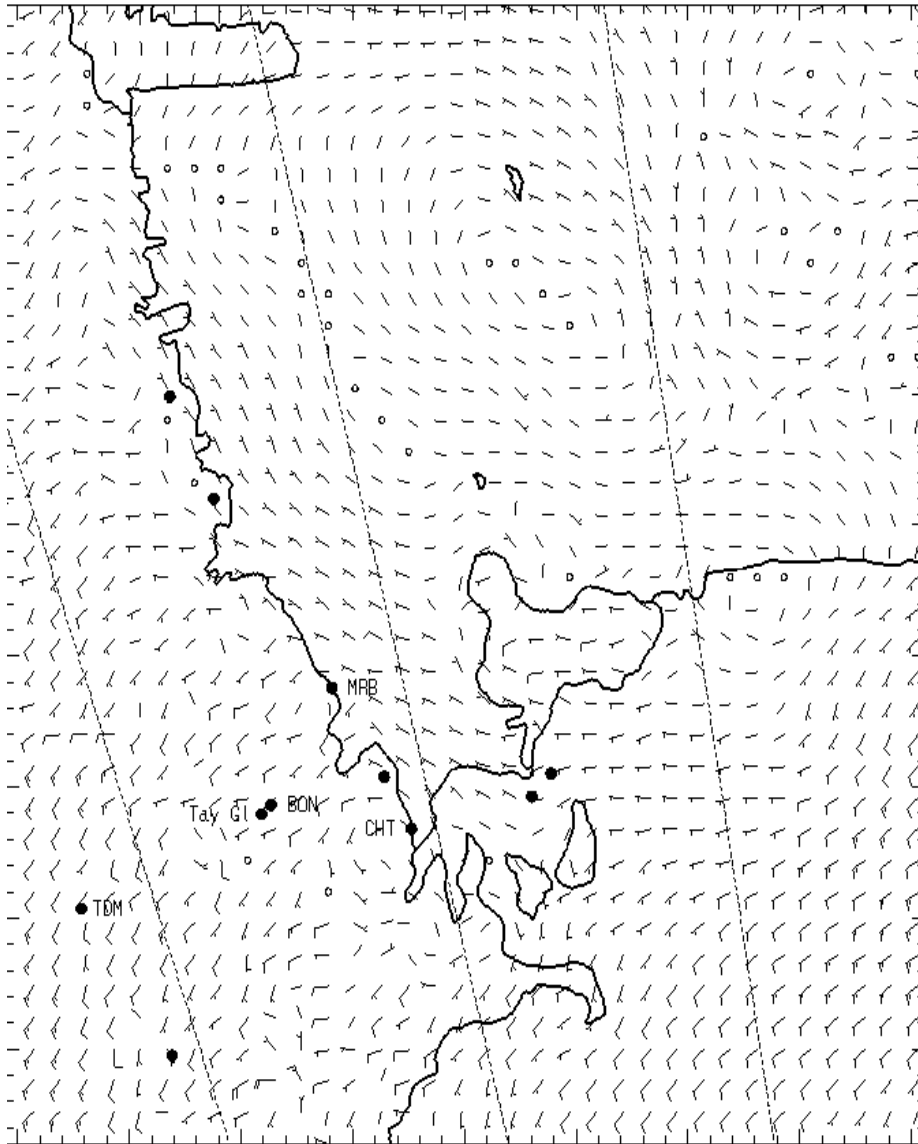


0700L

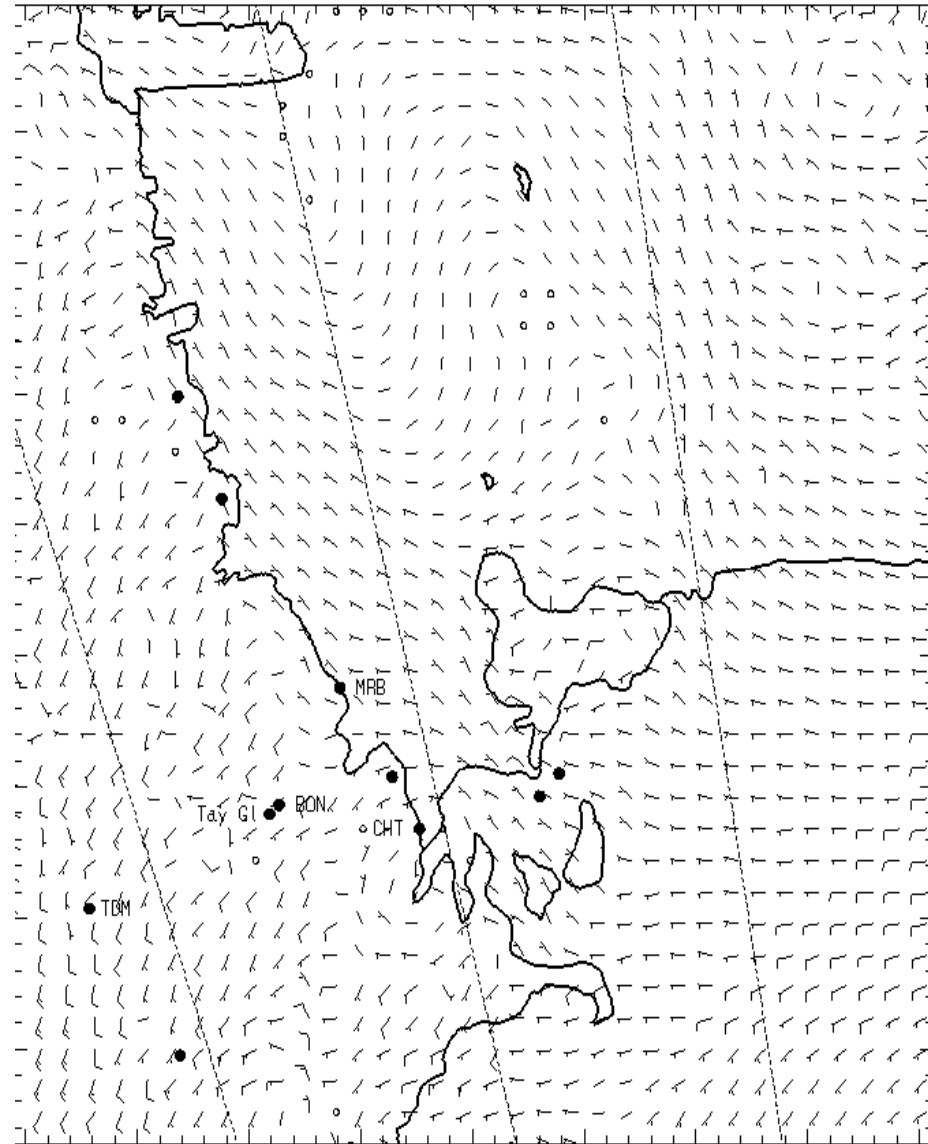


1300L

3,000 ft AGL

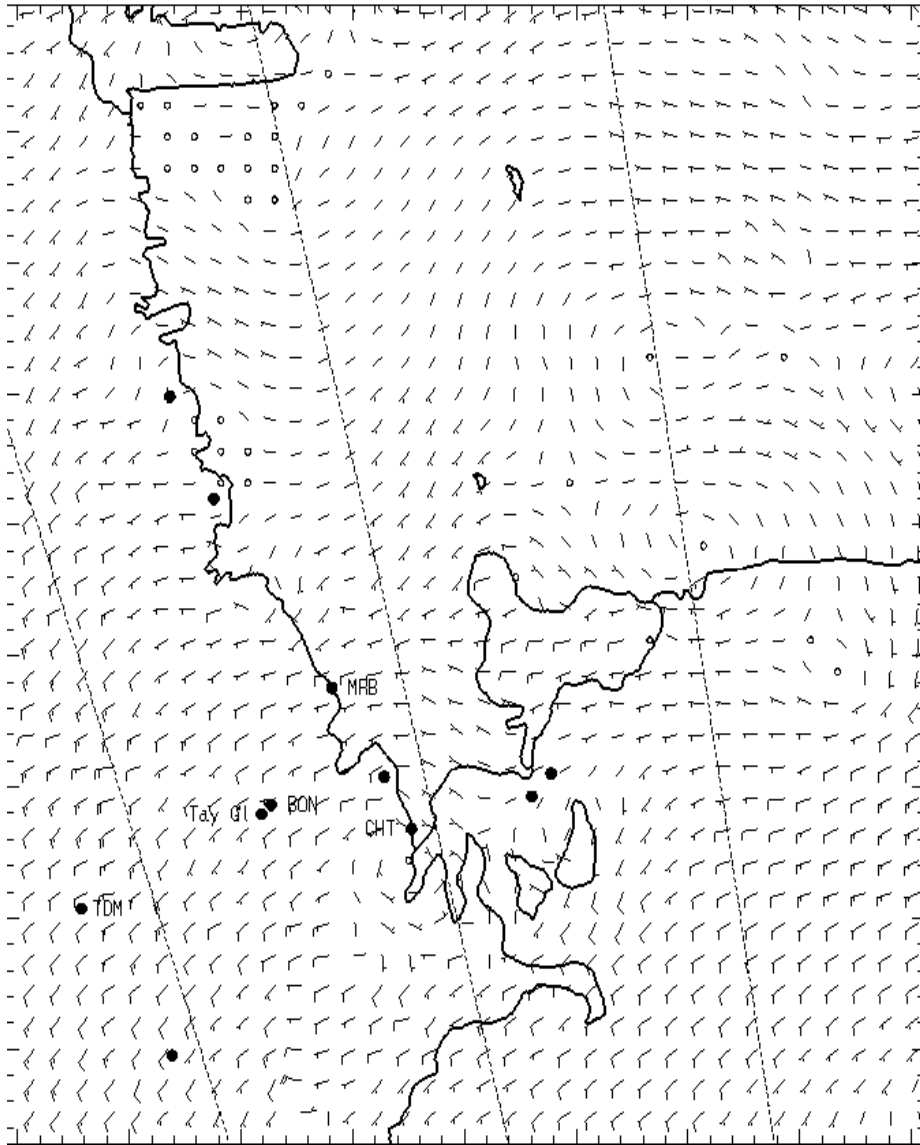


0700L

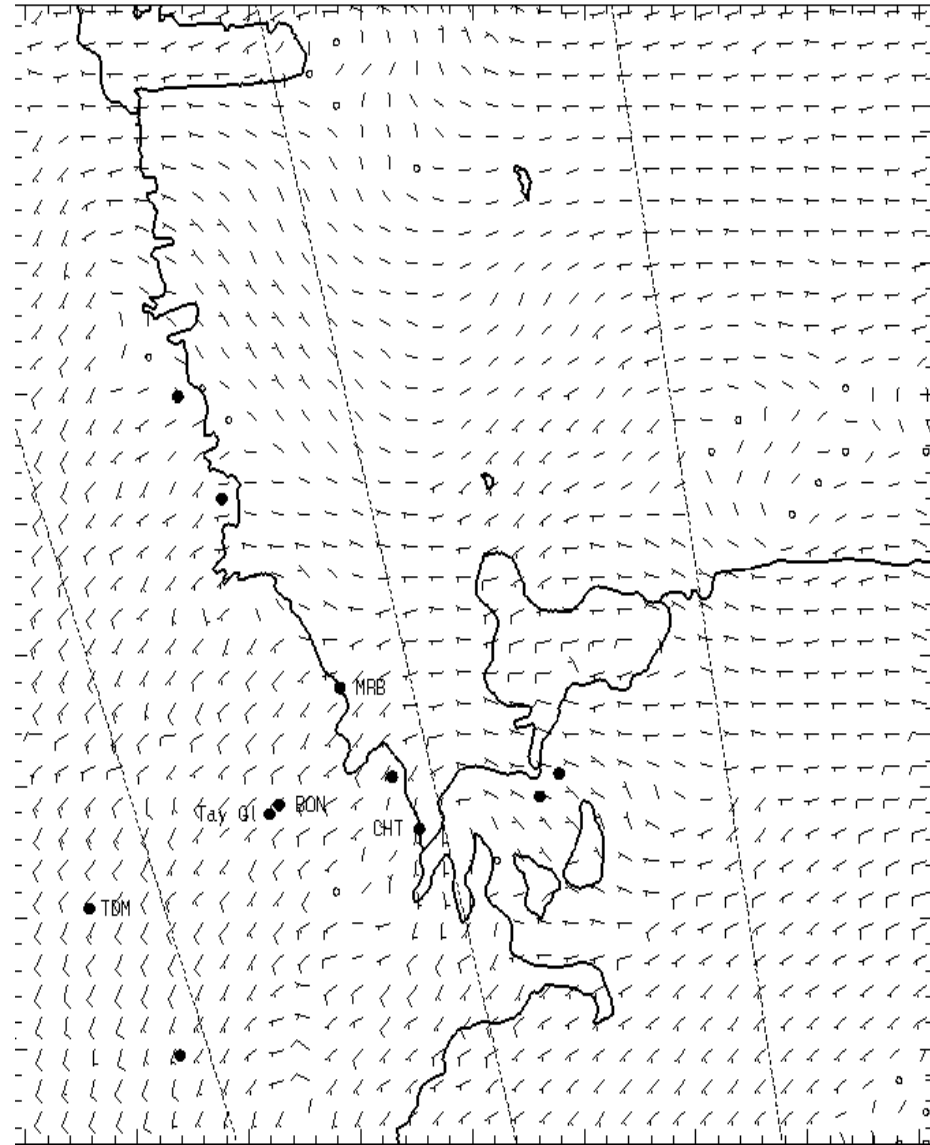


1300L

5,000 ft AGL



0700L



1300L