



Helo Weather

Charleston ROF
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Date (L): Tuesday 7 November 2023

Brief Time (L): 0615

Briefing Number: 11-007

FCSTR: Bob Michael / Joshua Drewno

REGIONAL SUMMARY

Strong southerly winds continue to affect the region today, however, the gusts have greatly reduced. Moisture associated with the previous system has cleared out of the region. Strongest winds remain up the sound and along the west coast of Ross Island.

HAZARDS

Moderate to Severe Turbulence over Cape Crozier and Cape Royds, with Light to Moderate Turbulence elsewhere.

LATEST MCMURDO OBSERVATION

METAR NZCM 061555Z AUTO 04016G22KT 9999 OVC120 M13/M22 A2924 RMK AO2 SLP907 T11261218=

RUNWAY TAFS

TAF AMD NZFX 061638Z 0616/0715 (0705/0804NZDT) 10009KT 9999 DRSN FEW006 SCT025 BKN100 510007 QNH2913INS GRID27009KT
TEMPO 0616/0621 (0705/0710) 14015G25KT GRID31015G25KT
BECMG 0621/0623 (0710/0712) 06015KT 9999 DRSN FEW006 SCT025 SCT100 QNH2909INS GRID23015KT
BECMG 0704/0706 (0717/0719) VRB06KT 9999 NSW SCT030 SCT120 QNH2900INS

TAF AMD NZWD 061638Z 0616/0715 (0705/0804NZDT) 06012KT 9999 DRSN FEW006 SCT025 BKN100 510007 QNH2915INS GRID23012KT
TEMPO 0616/0621 (0705/0710) 16015G25KT GRID33015G25KT
BECMG 0622/0624 (0711/0713) 07008KT 9999 NSW FEW006 SCT025 SCT100 QNH2900INS GRID24008KT

MCMURDO HELIPAD FORECAST (VALID TIME: 07/0600L - 1800L)

SFC WIND (TRUE): 14015G25KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW006 SCT025 SCT100

MIN ALSTG: 29.05INS

HAZARDS: LGT TURBC SFC-070

SITE & AREA FORECASTS (VALID TIME: 07/0600L - 1800L)

NEW HARBOR

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW015 SCT070

MIN ALSTG: 29.05INS

HAZARDS: NIL

LAKE FRYXELL

SFC WIND (TRUE): 23009KT, BECOMING VRB05KT AFT 10L

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW060

MIN ALSTG: 29.06INS

HAZARDS: NIL

CAPE ROYDS

SFC WIND (TRUE): 12030G45KT, BECMING 17020G30KT AFT 16L

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT060

MIN ALSTG: 29.03INS

HAZARDS: MDT-SVR TURBC SFC-050

CAPE CROZIER

SFC WIND (TRUE): 22035G60, BECMG 22020G30KT AFT 16L

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT015 SCT050

MIN ALSTG: 28.99INS

HAZARDS: MDT-SVR TURBC SFC-050

LAKE HOARE

SFC WIND (TRUE): 250 15G20KT, BECMG 09006KT AFT 12L

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW070

MIN ALSTG: 28.99INS

HAZARDS: NIL

NUSSBAUM CAMERA SITE (NUSSBAUM RIEGEL WEST)

SFC WIND (TRUE): 26015G25KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW050

MIN ALSTG: 28.90INS

HAZARDS: NIL

LAKE MIERS BLUE BOX SITE (LAKE MIERS)

SFC WIND (TRUE): 18012G20KT, BECMG VRB04KT AFT 16L

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW070

MIN ALSTG: 28.88

HAZARDS: LGT TURBC SFC-060

MARBLE POINT

SFC WIND (TRUE): 13010KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT020 SCT070, BECMG FEW070 AFT 08L

MIN ALSTG: 29.04INS

HAZARDS: NIL

LAKE BONNEY

SFC WIND (TRUE): 25010KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW040

MIN ALSTG: 28.94INS

HAZARDS: NIL

S BEACON

SFC WIND (TRUE): 19020G30KT, BECMG 20015G25KT AFT 12L

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW070

MIN ALSTG: 28.62INS

HAZARDS: LGT TURBC SFC-050

SCOTT BASE

SFC WIND (TRUE): 08015G25KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW006 SCT025 SCT070

MIN ALSTG: 29.02INS

HAZARDS: LGT TURBC SFC-070

FANG CAMP (MT EREBUS)

SFC WIND (TRUE): 17020G30KT

SFC VISIBILITY (SM): 0400 FG BLSN

SKY CONDITION (AGL): VV005

MIN ALSTG: 28.26INS

HAZARDS: LGT-MDT TURBC SFC-030

MCMURDO SOUND SEA ICE ALPHA

SFC WIND (TRUE): 10020G40KT, BECMG 15010G15KT AFT 17L

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT020 BKN070, BECMG FEW070 AFT 9L

MIN ALSTG: 29.05INS

HAZARDS: LGT-MDT TURBC SFC-050

MCMURDO SOUND SEA ICE BETA

SFC WIND (TRUE): 111020G40KT, BECMG 15010G15KT AFT 17L

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT020 BKN070

MIN ALSTG: 29.04INS

HAZARDS: LGT-MDT TURBC SFC-050

MCMURDO SOUND SEA ICE GAMMA

SFC WIND (TRUE): 13025G45KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW050

MIN ALSTG: 29.04INS

HAZARDS: LGT-MDT TURBC SFC-050

MCMURDO SOUND SEA ICE DELTA

SFC WIND (TRUE): 15025G45KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW070

MIN ALSTG: 29.04INS

HAZARDS: LGT-MDT TURBC SFC-050

SITE & AREA NIGHT FORECASTS (VALID TIME: 07/1800L – 08/0600L)

BLACK ISLAND

SFC WIND (TRUE): 19015G25KT, BECMG VRB06KT AFT 08/01Z

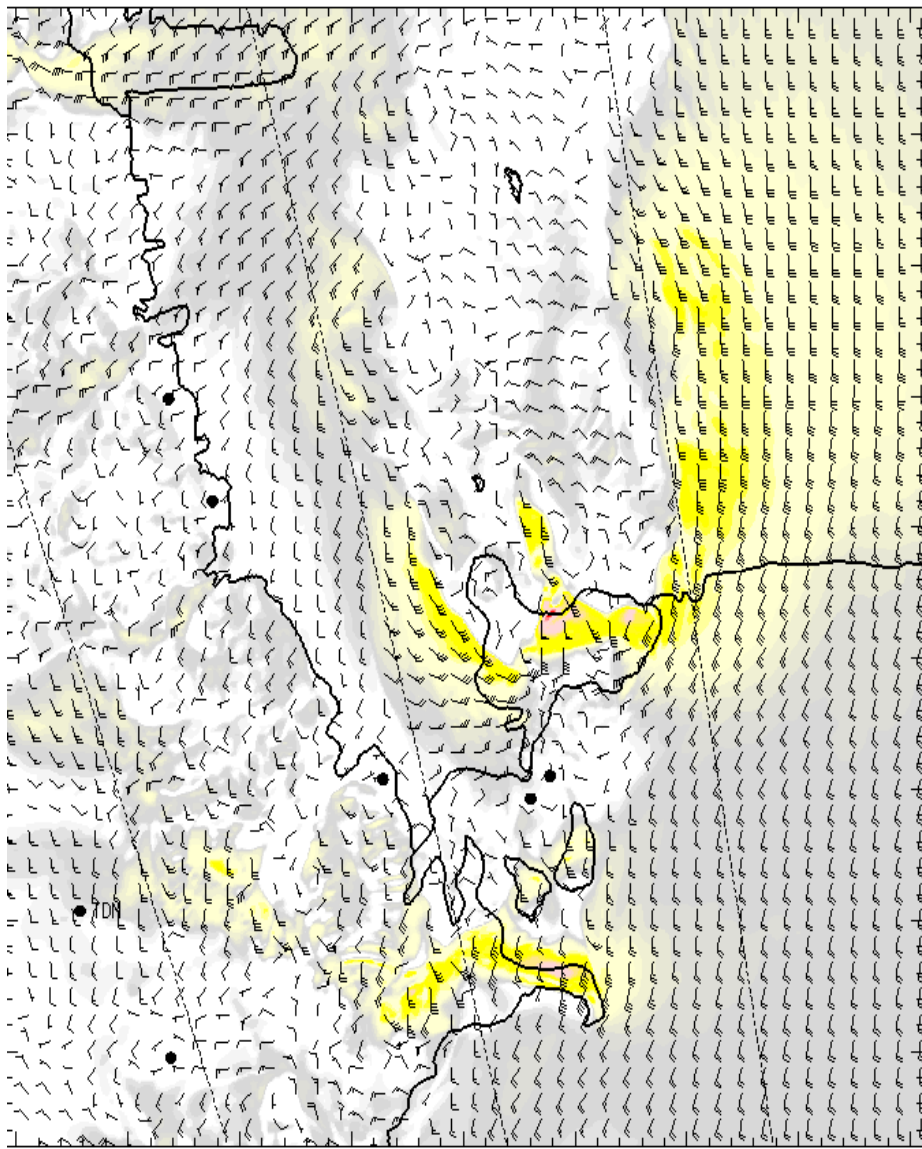
SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT110

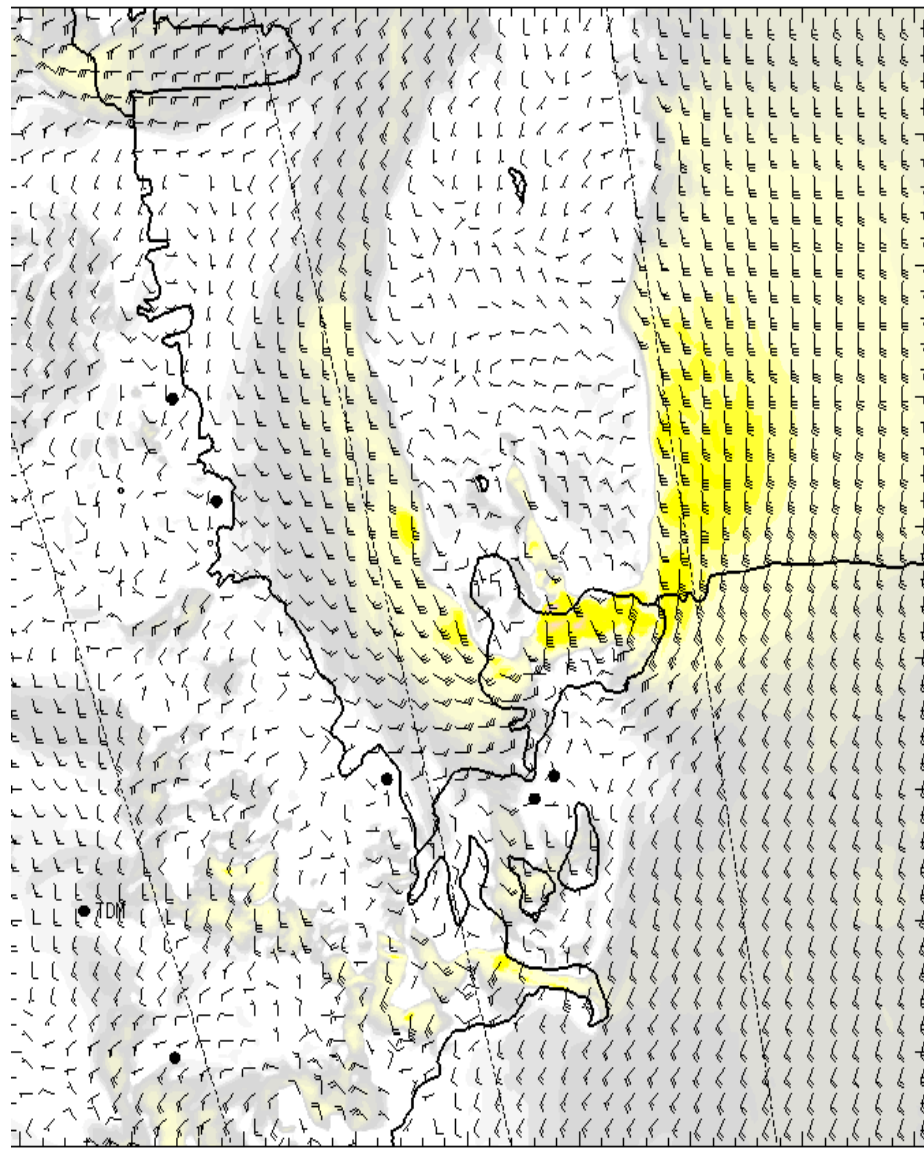
MIN ALSTG: 28.93INS

HAZARDS: LTG TURBC SFC-030 UNTIL 23L

SFC

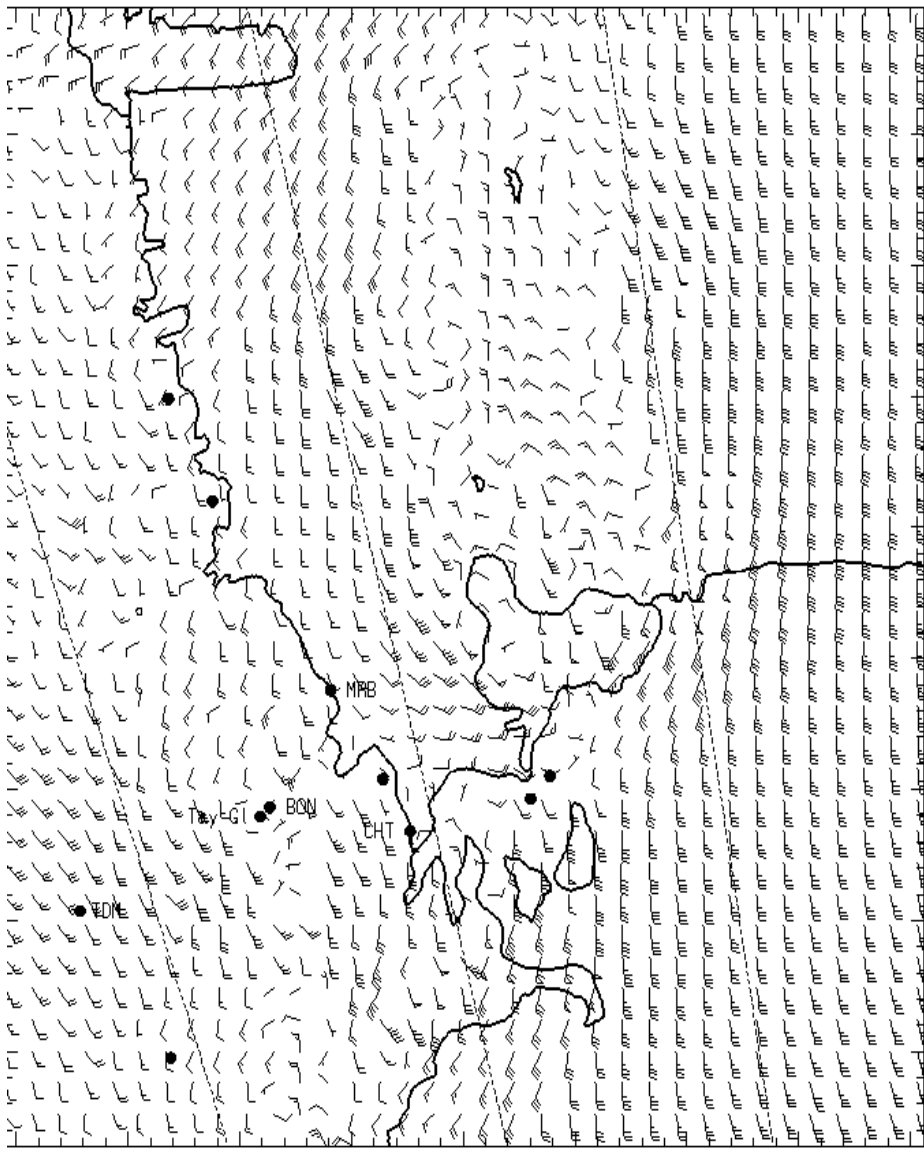


0700L

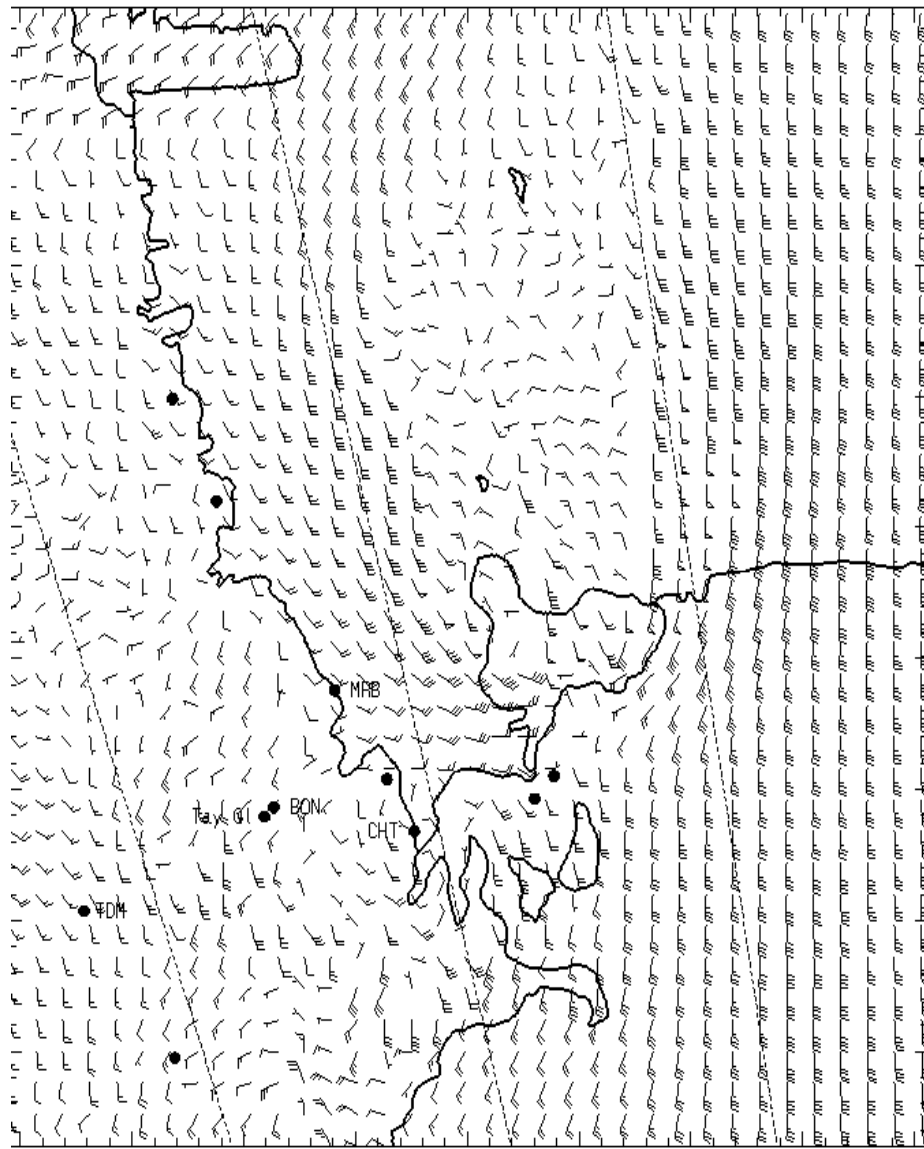


1300L

1,000 ft AGL

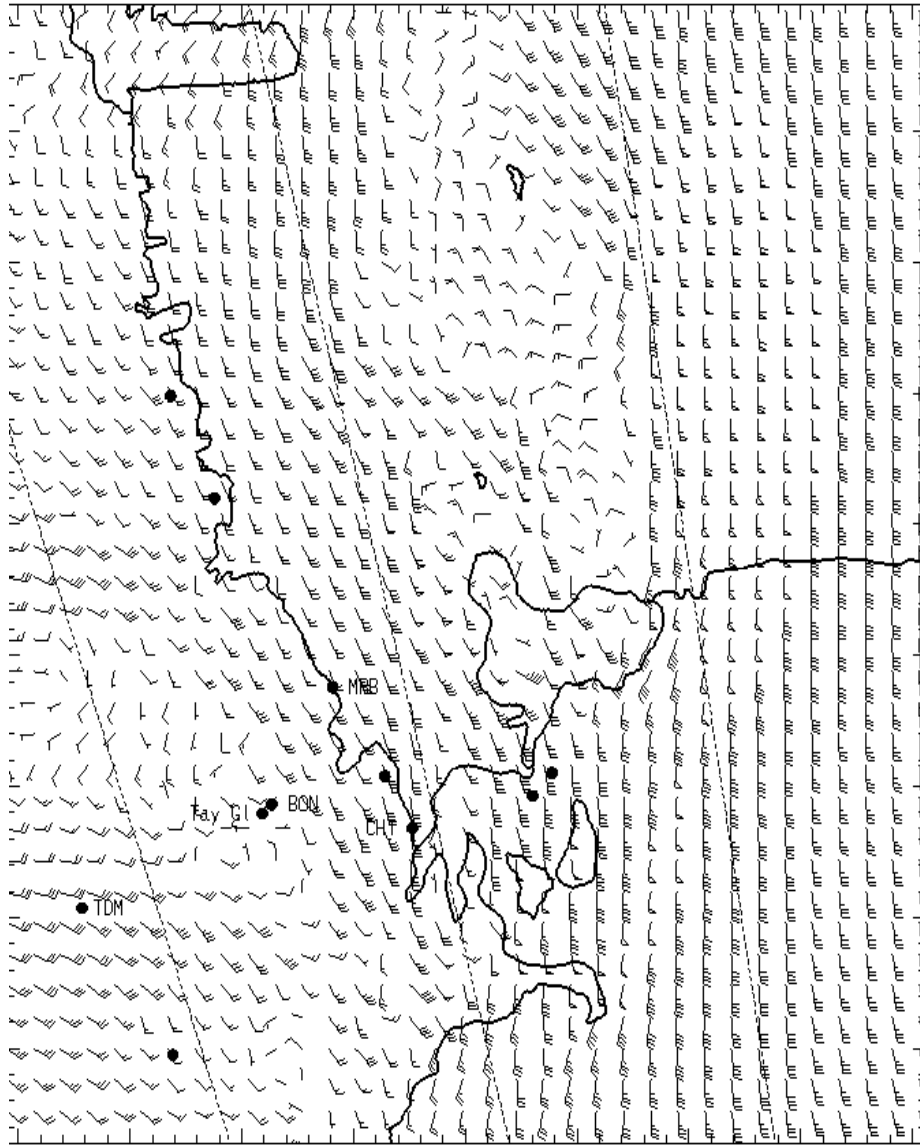


0700L

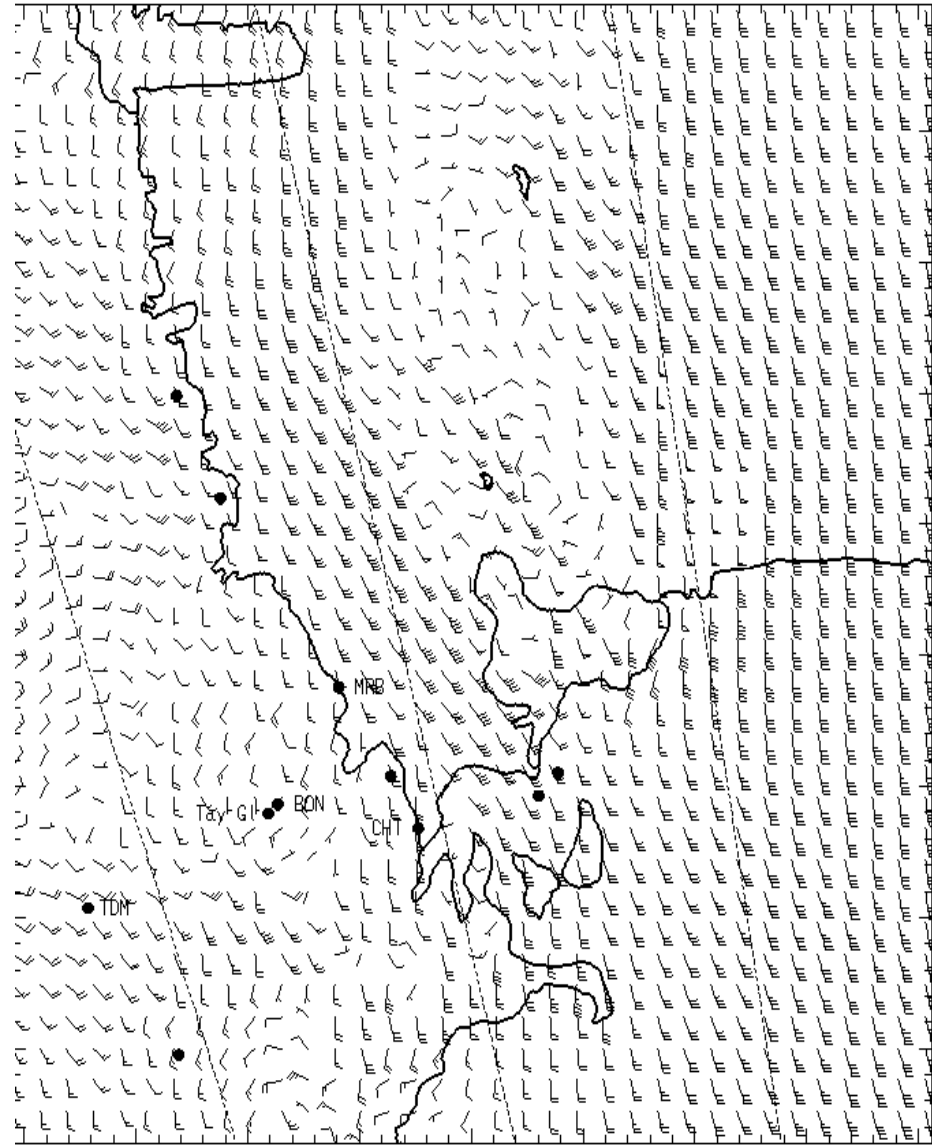


1300L

3,000 ft AGL

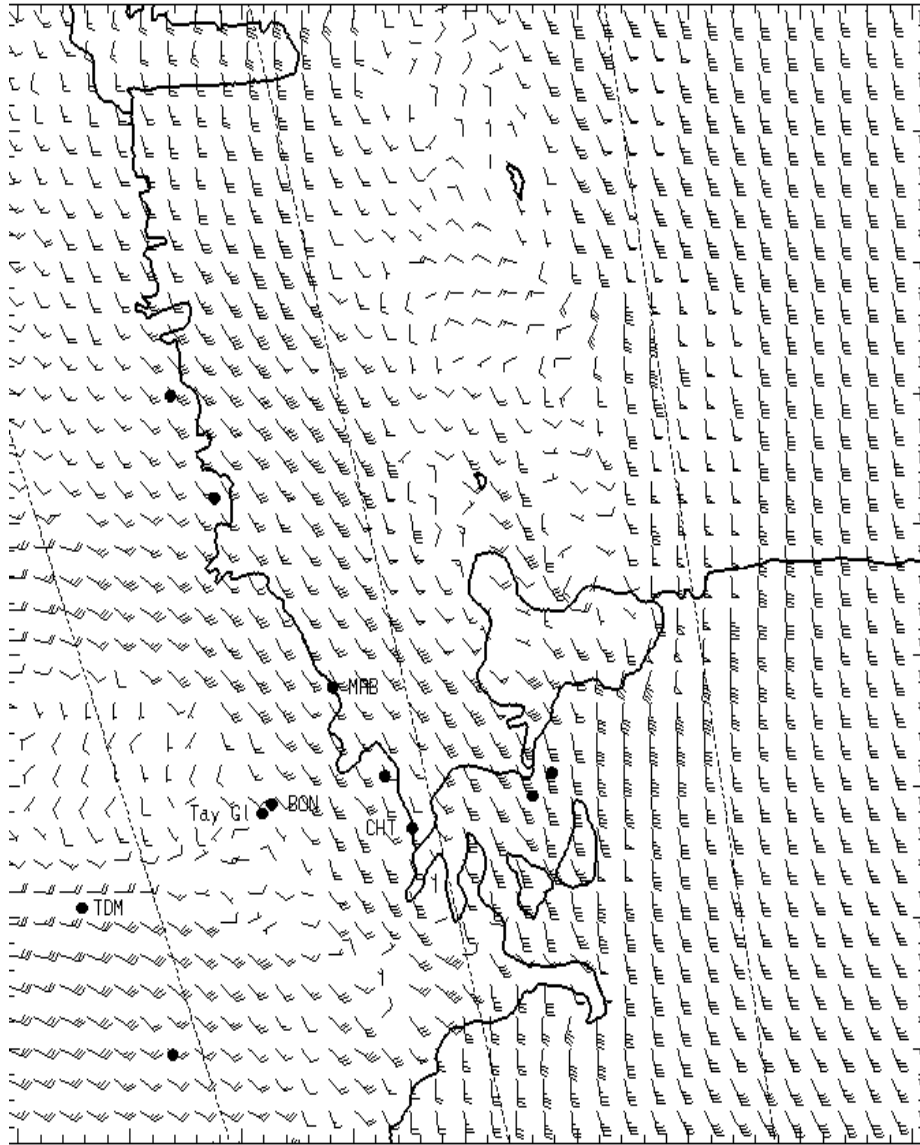


0700L

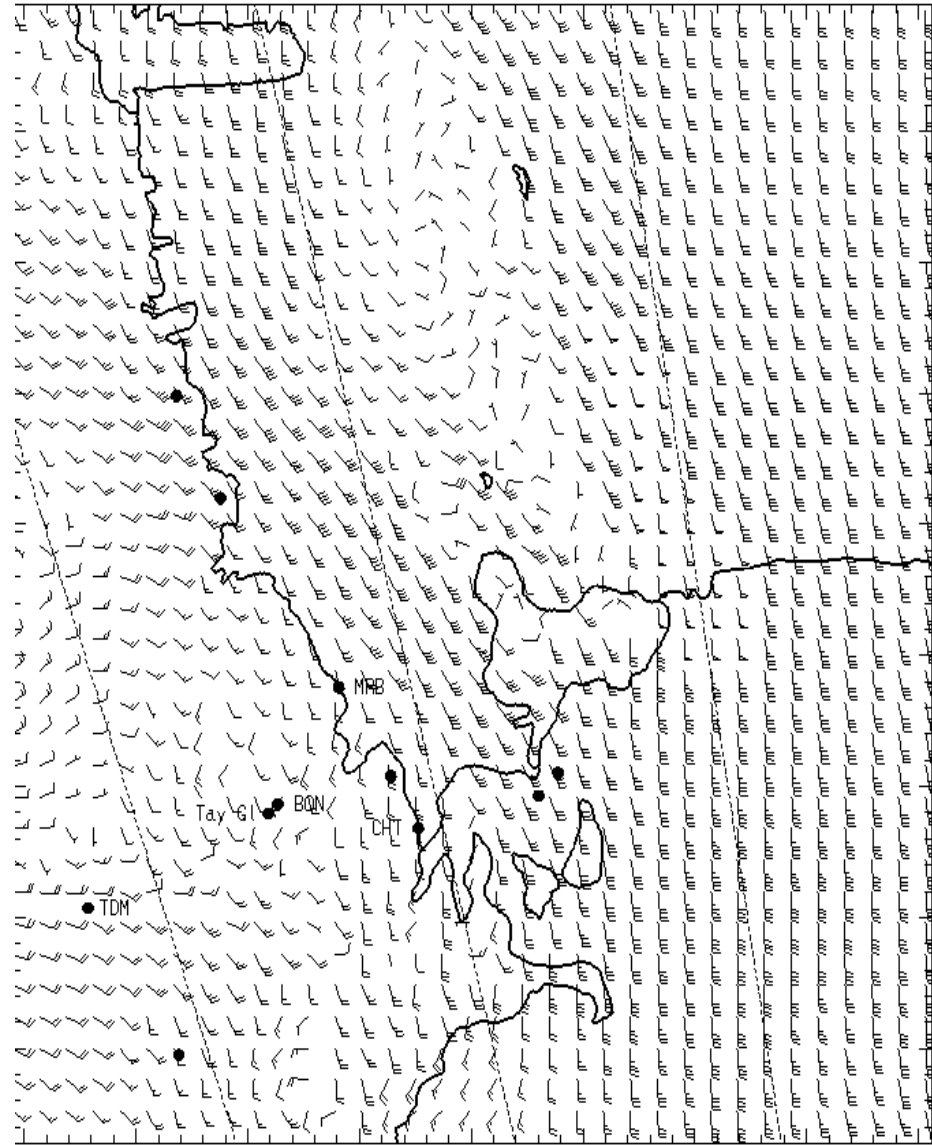


1300L

5,000 ft AGL



0700L



1300L