



Helo Weather

Charleston ROF
Email: weather.chs@usap.gov
Iridium: 011 8816 7631 5168
VOIP: x32664
Charleston ROF: 843-218-3927

Date (L): Monday 04 December 2023

Brief Time (L): 0615

Briefing Number: 12-004

FCSTR: Bob Michael

REGIONAL SUMMARY

Multiple waves of snow and strong winds will precede the passage of a low pressure system making its way northward on the ice shelf today. Rapidly fluctuations of ceilings and visibility are expected as snow showers move through the area.

HAZARDS

Moderate occasionally severe turbulence throughout the area intensifying through the day as the low center approaches. Light to moderate rime icing in clouds to 10 kft.

LATEST MCMURDO OBSERVATION

METAR NZCM 031655Z AUTO 06008G15KT 9999 OVC065 M02/M08 A2919 RMK AO2 SLP888 T10231082=

RUNWAY TAFS

TAF NZFX 031456Z 0315/0415 (0404/0504NZDT) 19020KT 9999 SCT020 BKN040 BKN080 620404 520006 QNH2916INS
GRID36020KT

TEMPO 0316/0321 (0405/0410) 20025G35KT 1600 BLSN SCT010 BKN025 BKN040 620256 520006 GRID01025G35KT
BECMG 0321/0323 (0410/0412) 20025G40KT 0800 -SN BLSN BKN007 OVC025 620077 520006 QNH2918INS
GRID01025G40KT

BECMG 0410/0412 (0423/0501) 11009KT 9999 NSW SCT025 BKN040 QNH2920INS GRID28009KT

TAF NZWD 031456Z 0315/0415 (0404/0504NZDT) 20015KT 9999 SCT020 BKN035 OVC100 620356 520006 QNH2917INS
BLSN SCT000 GRID01015KT

TEMPO 0316/0321 (0405/0410) 20020G30KT 1600 BLSN GRID01020G30KT
BECMG 0321/0323 (0410/0412) 20020G35KT 0400 -SN BLSN BKN007 OVC025 620077 520006 QNH2919INS
GRID01020G35KT

BECMG 0409/0411 (0422/0424) 03008KT 9000 -SN SCT025 BKN040 QNH2920INS GRID20008KT

MCMURDO HELIPAD FORECAST (VALID TIME: 04/0600L - 1800L)

SFC WIND (TRUE): 14015G25KT BECMG 14020G40KT AFT 12L

SFC VISIBILITY (SM): UNRES BECMG TEMPO 2 -SN BLSN AFT 12L

SKY CONDITION (AGL): SCT015 BKN025 OVC040

MIN ALSTG: 29.17INS

HAZARDS: MDT-SVR TURBC SFC-060 / LGT-MDT RIME ICING IN CLOUDS 025-100

SITE & AREA FORECASTS (VALID TIME: 04/0600L – 1800L)

LOWER EREBUS HUT

SFC WIND (TRUE): 17030G45KT

SFC VISIBILITY (SM): ¼ SN FZFG

SKY CONDITION (AGL): VV004

MIN ALSTG: 28.38INS

HAZARDS: MDT-SVR TURBC SFC-030 / LGT-MDT RIME ICING IN CLOUDS SFC-020

LAKE HOARE

SFC WIND (TRUE): 23015G25KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT015 BKN025 OVC040

MIN ALSTG: 29.10INS

HAZARDS: LGT-MDT TURBC SFC-040 / LGT-MDT RIME ICING IN CLOUDS 025-100

MARBLE POINT

SFC WIND (TRUE): 14015KT BECMG 14015G30KT AFT 12L

SFC VISIBILITY (SM): UNRES BECMG TEMPO 2 –SN BLSN AFT 12L

SKY CONDITION (AGL): SCT015 BKN025 OVC040

MIN ALSTG: 29.15INS

HAZARDS: LGT-MDT TURBC SFC-040 / LGT-MDT RIME ICING IN CLOUDS 025-100

CAPE CROZIER

SFC WIND (TRUE): 21035G45KT

SFC VISIBILITY (SM): 1/8 SN BLSN

SKY CONDITION (AGL): VV003

MIN ALSTG: 29.10INS

HAZARDS: MDT-SVR TURBC SFC-060 / LGT-MDT RIME ICING SFC-100

TAYLOR VALLEY RECCE

SFC WIND (TRUE): 26015KT BECMG 26025G35KT AFT 12L

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT015 BKN025 OVC040

MIN ALSTG: 29.08INS

HAZARDS: LGT-MDT TURBC SFC-040 / LGT-MDT RIME ICING IN CLOUDS 025-100

WRIGHT VALLEY RECCE

SFC WIND (TRUE): 23015KT BECMG 23015G35KT AFT 12L

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT015 BKN025 OVC040

MIN ALSTG: 29.08INS

HAZARDS: LGT-MDT TURBC SFC-040 / LGT-MDT RIME ICING IN CLOUDS 025-100

SOUTH BEACON

SFC WIND (TRUE): 19025G40KT

SFC VISIBILITY (SM): UNRES BECMG TEMPO ½ -SN BLSN AFT 12L

SKY CONDITION (AGL): SCT015 BKN050 BECMG SCT000 BKN015 OVC040 AFT 12L

MIN ALSTG: 28.80INS

HAZARDS: MDT-SVR TURBC SFC-060 / LGT-MDT RIME ICING IN CLOUDS 015-100

LAKE FRYXELL

SFC WIND (TRUE): VRB06KT BECMG 23015G25 AFT 14L

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT015 BKN025 OVC040

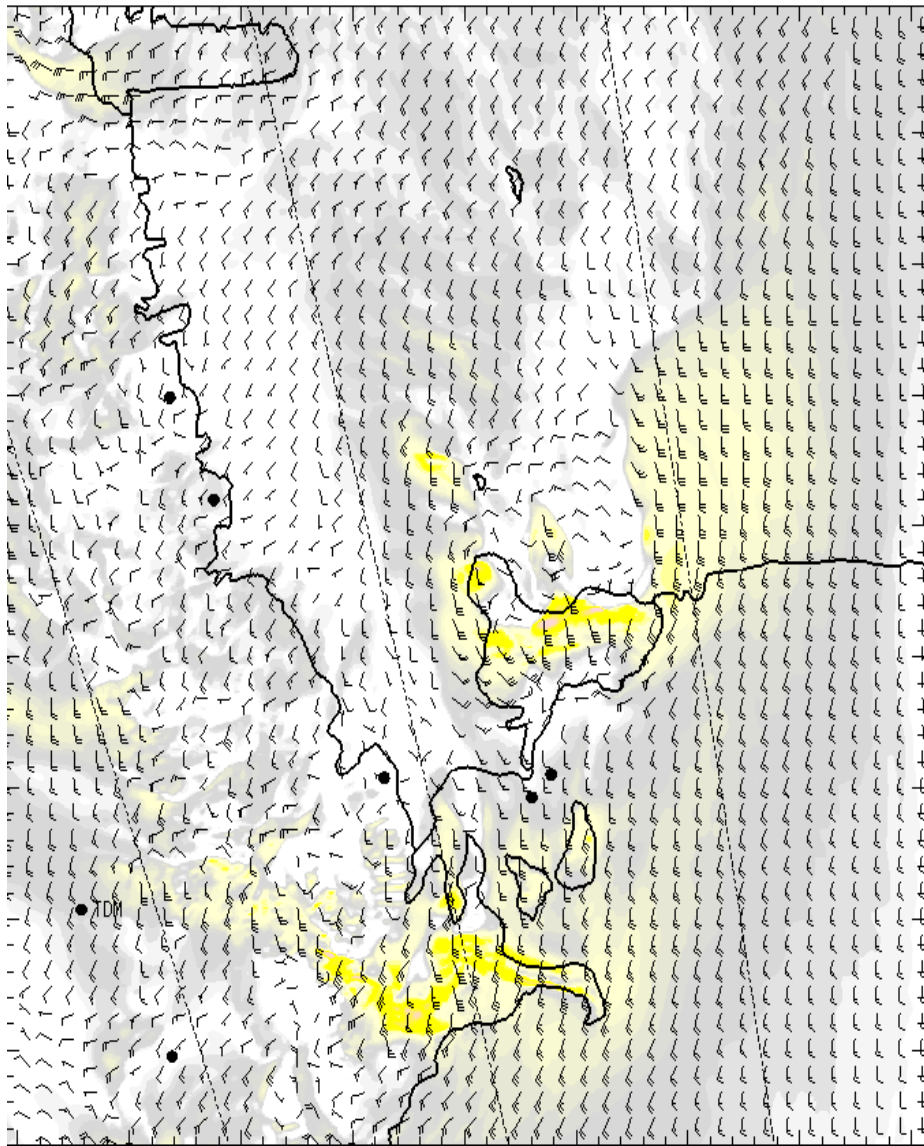
MIN ALSTG: 29.16INS

HAZARDS: LGT-MDT TURBC SFC-040 / LGT-MDT RIME ICING IN CLOUDS 025-100

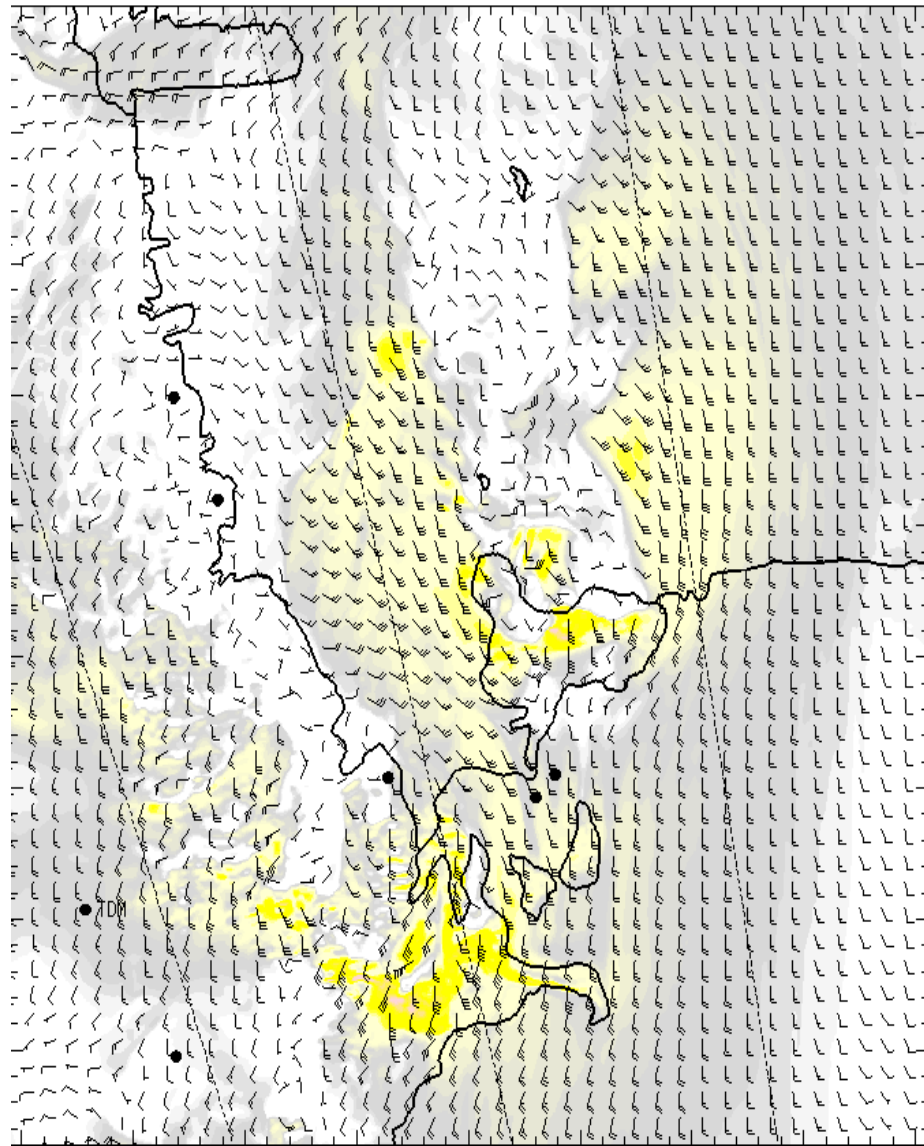
NIGHT SITE & AREA FORECASTS (VALID TIME: 04/1800L – 05/0600L)

NIL

SFC

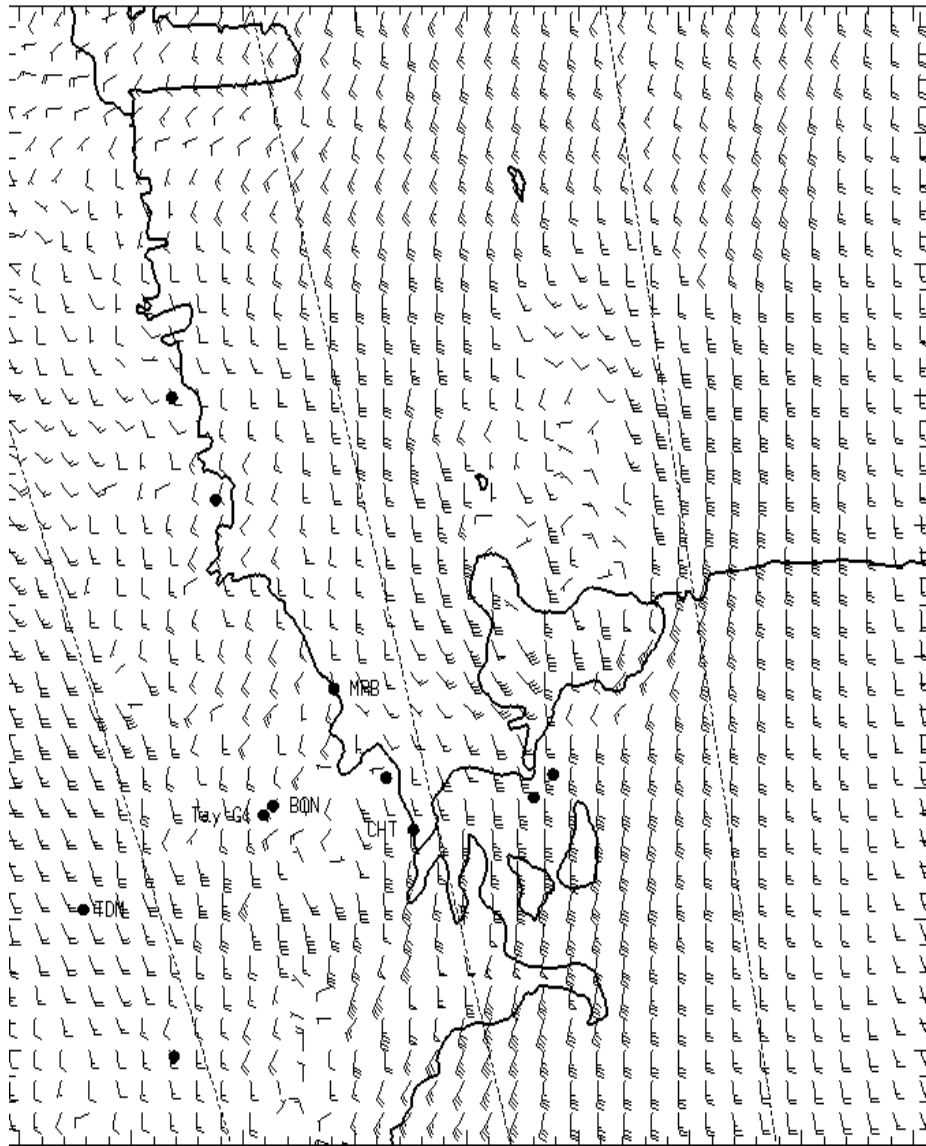


0700L

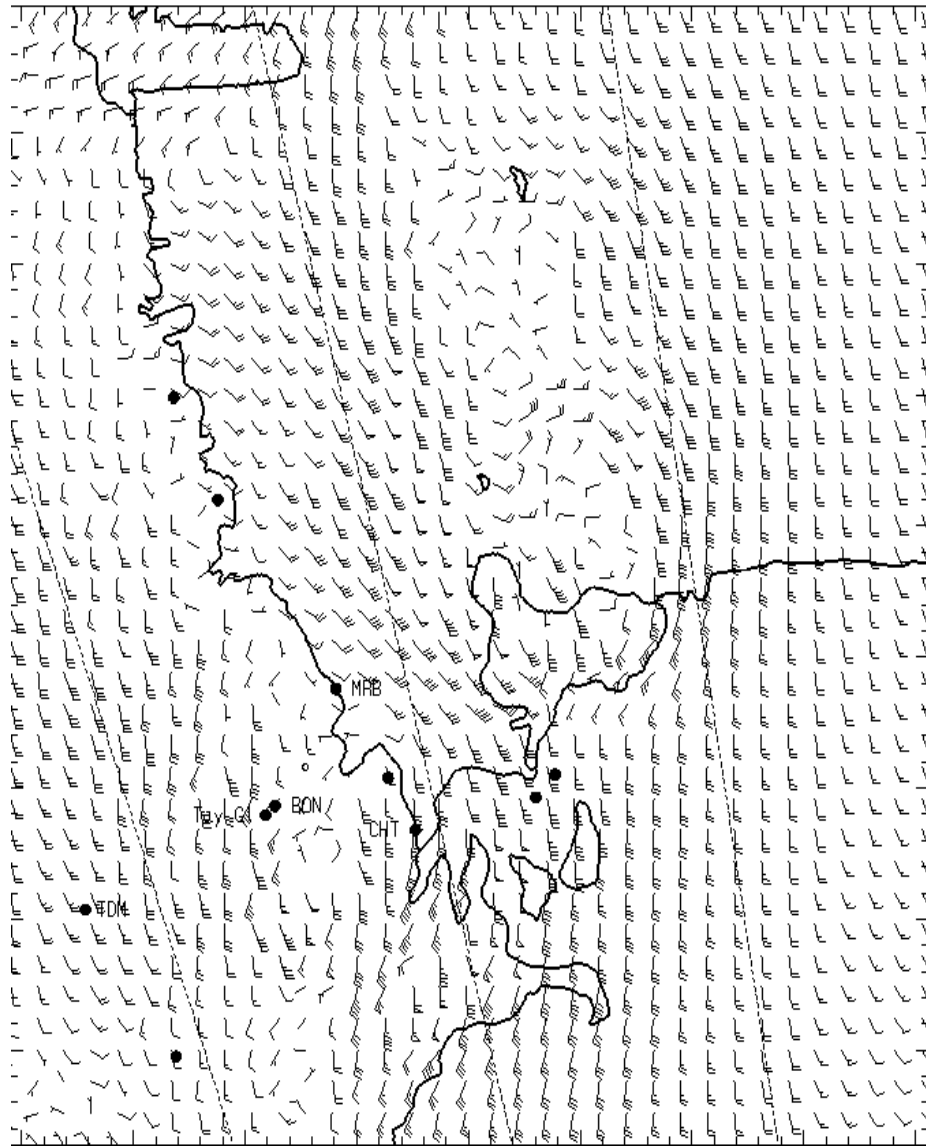


1300L

1,000 ft AGL

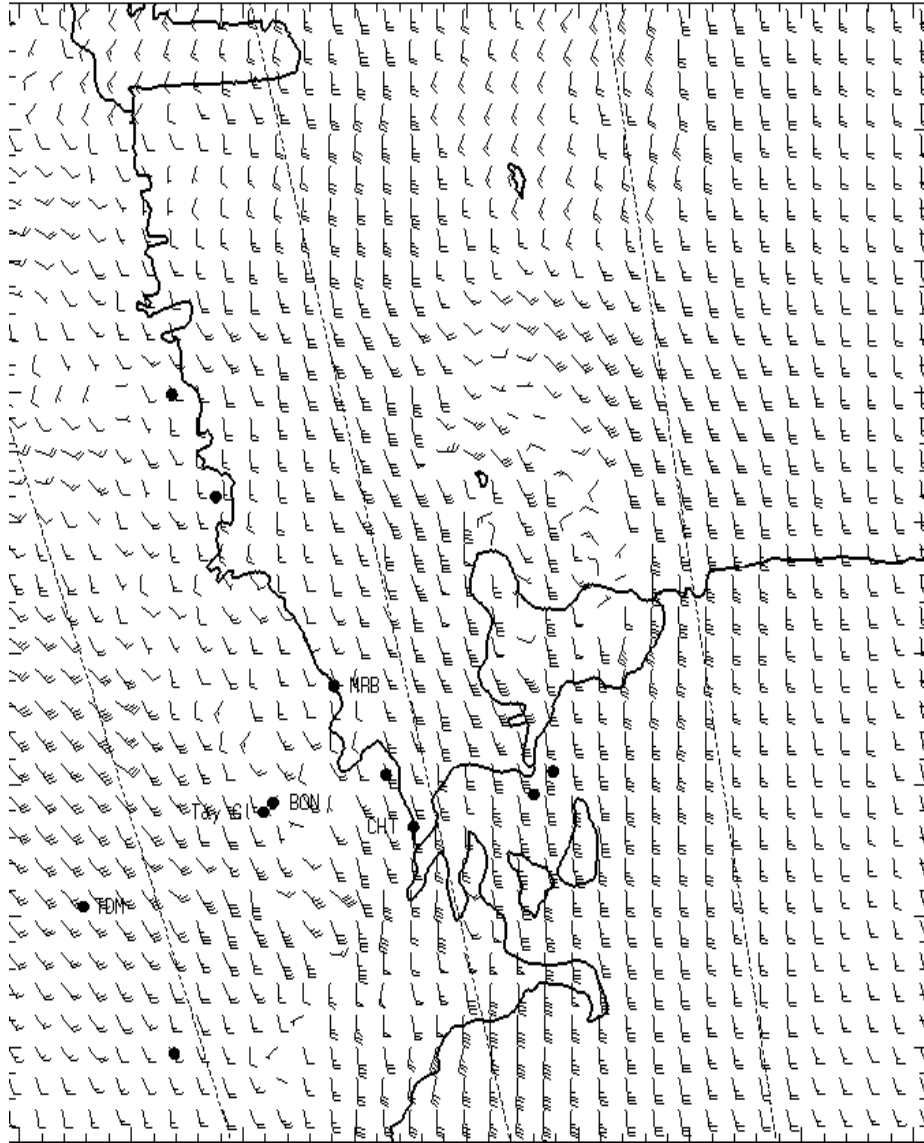


0700L

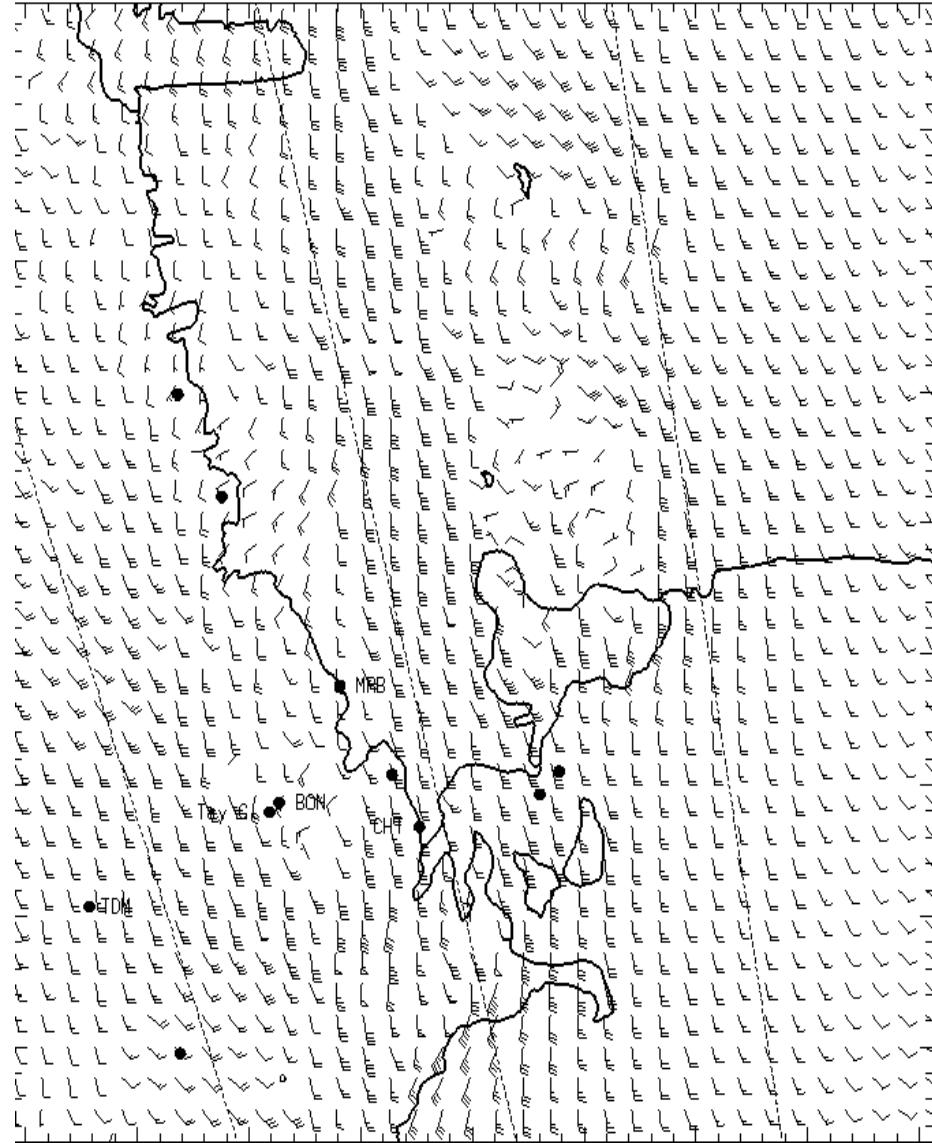


1300L

3,000 ft AGL

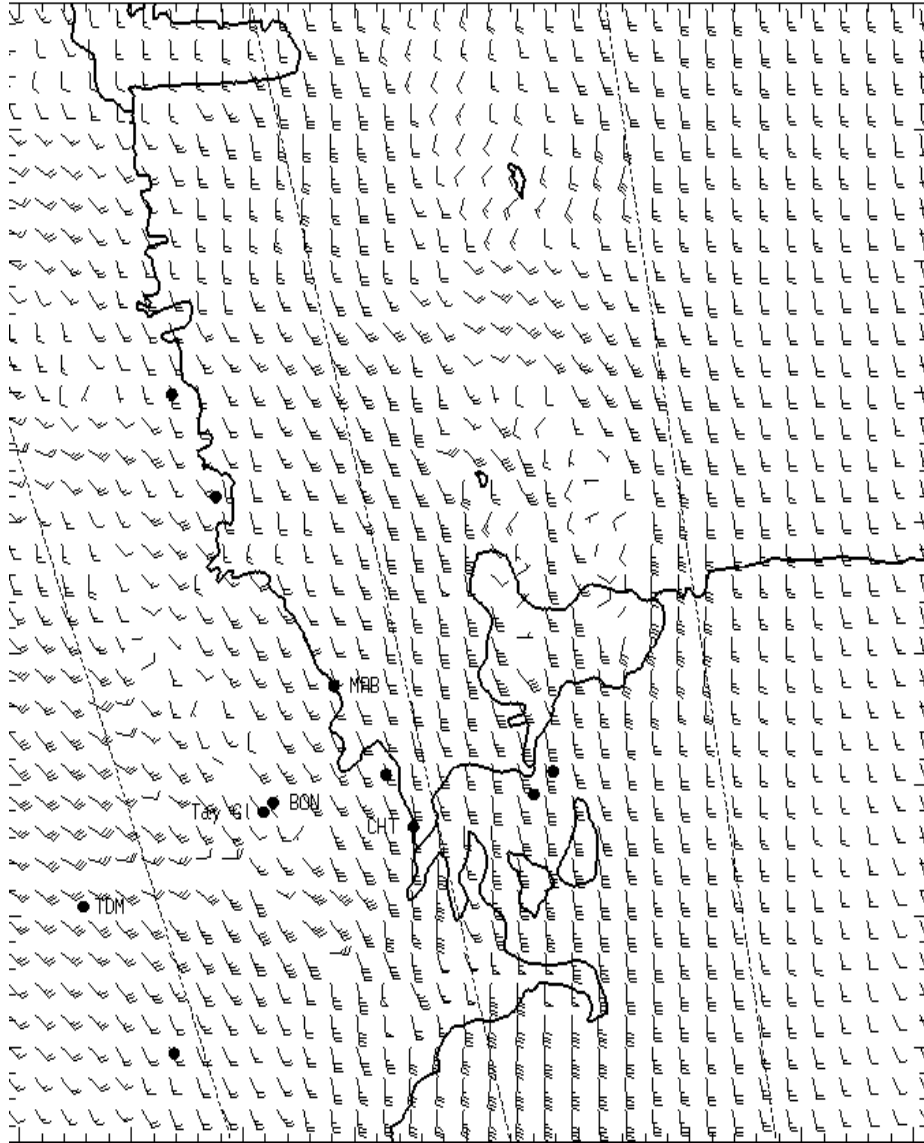


0700L

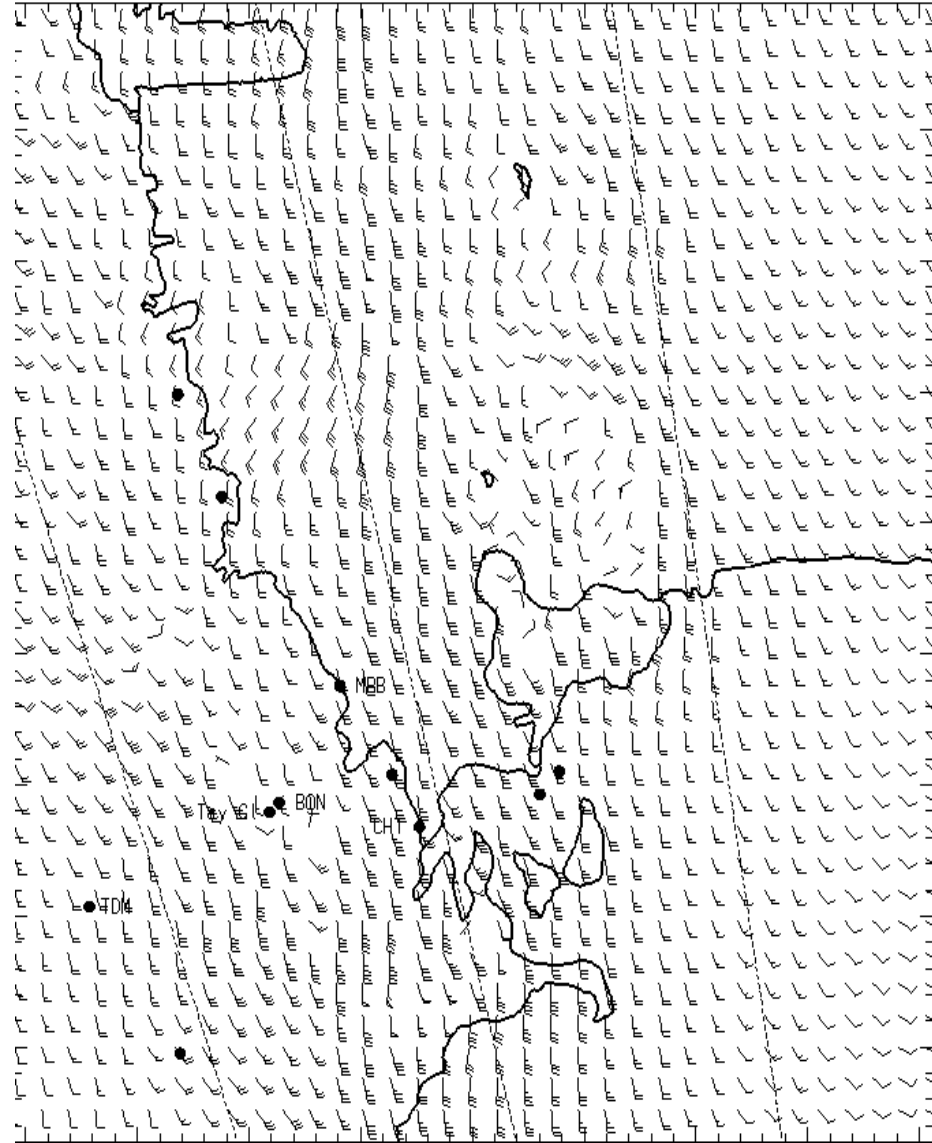


1300L

5,000 ft AGL



0700L



1300L