



Helo Weather

Night Flight Update

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

Date (L): Tuesday 7 November 2023

Brief Time (L): 1800

Briefing Number: 11-007(a)

FCSTR: John Meyer

REGIONAL SUMMARY

Fair weather conditions will quickly give way to another round of windy and snowy conditions as another trough moves into the area tonight. The eastern side of Ross Island will feel the effects of the incoming trough first, with current winds a bit stronger as the trough pushes up against the island. Winds will then pick up even more as clouds also move in, bringing light snow and blowing snow as well. The McMurdo side of Ross Island will begin feeling the effects slightly later, and to a lesser degree – though the trough effects will still be strong. These conditions will generally last through the rest of the early morning hours.

HAZARDS

Light rime icing in clouds, as clouds move into the area just before midnight.
Light turbulence at all locations, becoming moderate-occasionally-severe at Cp Crozier first, then McMurdo.

LATEST MCMURDO OBSERVATION

METAR ZCMA 070357Z AUTO 16004KT 9999 SKC M08/M25 A2915 RMK AO2 SLP876 GRID33004KT=

RUNWAY TAFS

TAF NZFX 070257Z 0703/0803 (0716/0816NZDT) VRB06KT 9999 FEW050 SCT100 SCT150 QNH2909INS
BECMG 0708/0710 (0721/0723) VRB06KT 9999 FEW020 SCT040 BKN060 510154 QNH2902INS
BECMG 0714/0716 (0803/0805) 18022G35KT 0800 -SN BLSN SCT008 BKN020 BKN030 620205 510006 QNH2900INS
GRID35022G35KT
BECMG 0718/0720 (0807/0809) 17028G40KT 1600 -SN BLSN SCT008 BKN030 BKN050 620305 510006 QNH2899INS
GRID34028G40KT

TAF NZWD 070257Z 0703/0803 (0716/0816NZDT) VRB06KT 9999 FEW050 SCT100 SCT150 QNH2907INS
BECMG 0709/0711 (0722/0724) VRB06KT 9999 SCT015 BKN030 BKN050 510154 QNH2904INS
BECMG 0713/0715 (0802/0804) 13020G30KT 0800 -SN BLSN SCT005 BKN015 OVC025 620156 510006 QNH2901INS
GRID30020G30KT
BECMG 0717/0719 (0806/0808) 16025G35KT 0800 -SN BLSN SCT005 BKN015 OVC025 620156 510006 QNH2901INS
GRID33025G35KT

MCMURDO HELIPAD FORECAST (VALID TIME: 07/1800L – 08/0600L)

SFC WIND (TRUE): VRB06KT BECMG 15015G30KT AFT 02L

SFC VISIBILITY (SM): UNRES BECMG 4 -SN BLSN AFT 02L

SKY CONDITION (AGL): FEW050 SCT100 BECMG BKN030 BKN060 AFT 22L

MIN ALSTG: 28.95INS

HAZARDS: NIL BECMG LGT RIME ICG SFC-070 AFT 22L // LGT TURBC 010-060 BECMG MDT TURBC SFC-060 AFT 02L

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

CAPE CROZIER

SFC WIND (TRUE): 22015G25KT BECMG 22030G40KT AFT 21L BECMG 22035G50KT AFT 01L

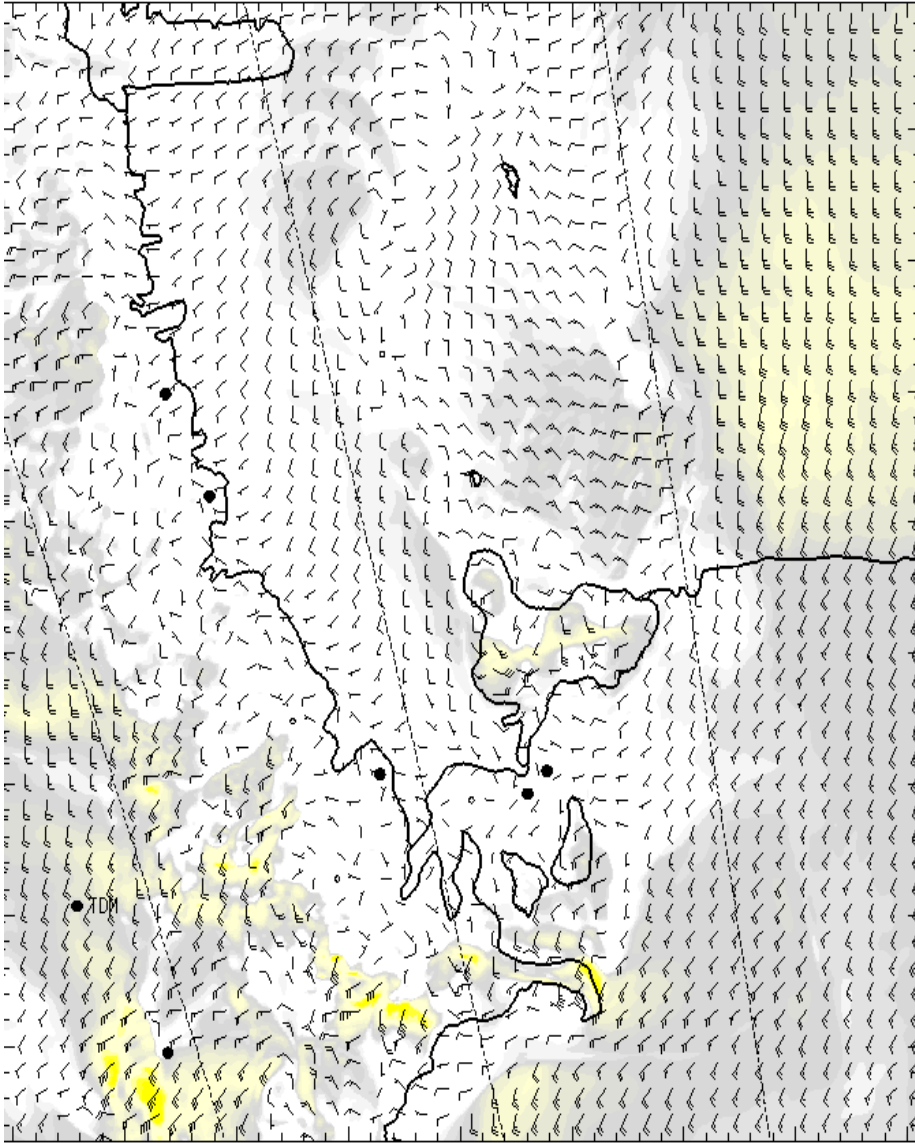
SFC VISIBILITY (SM): UNRES BECMG 1 -SN BLSN AFT 01L

SKY CONDITION (AGL): FEW010 FEW050 BECMG BKN010 BKN030 AFT 00L

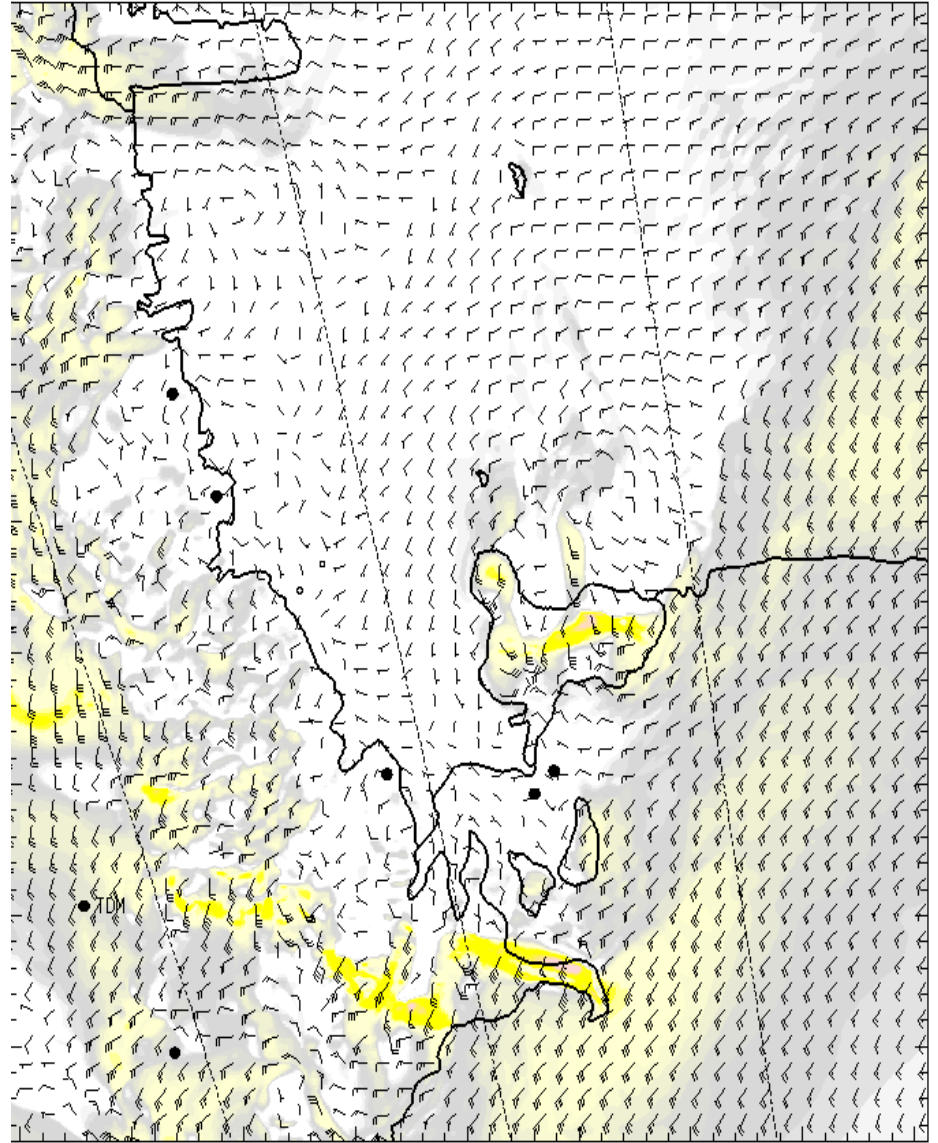
MIN ALSTG: 28.89INS

HAZARDS: NIL BECMG LIGHT RIME ICG SFC-070 AFT 00L // MDT TURBC SFC-050 BECMG MDT OCNL SVR SFC-050 AFT 21L

SFC

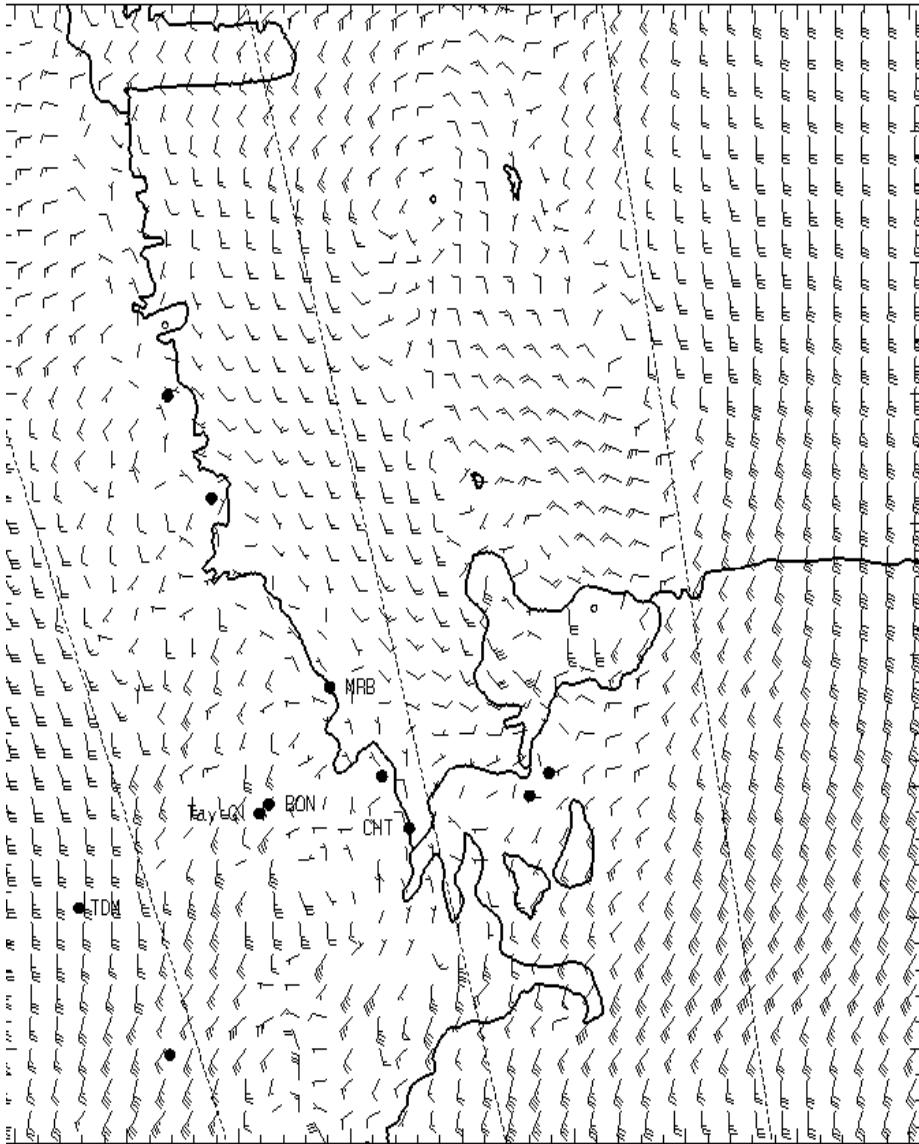


1900L

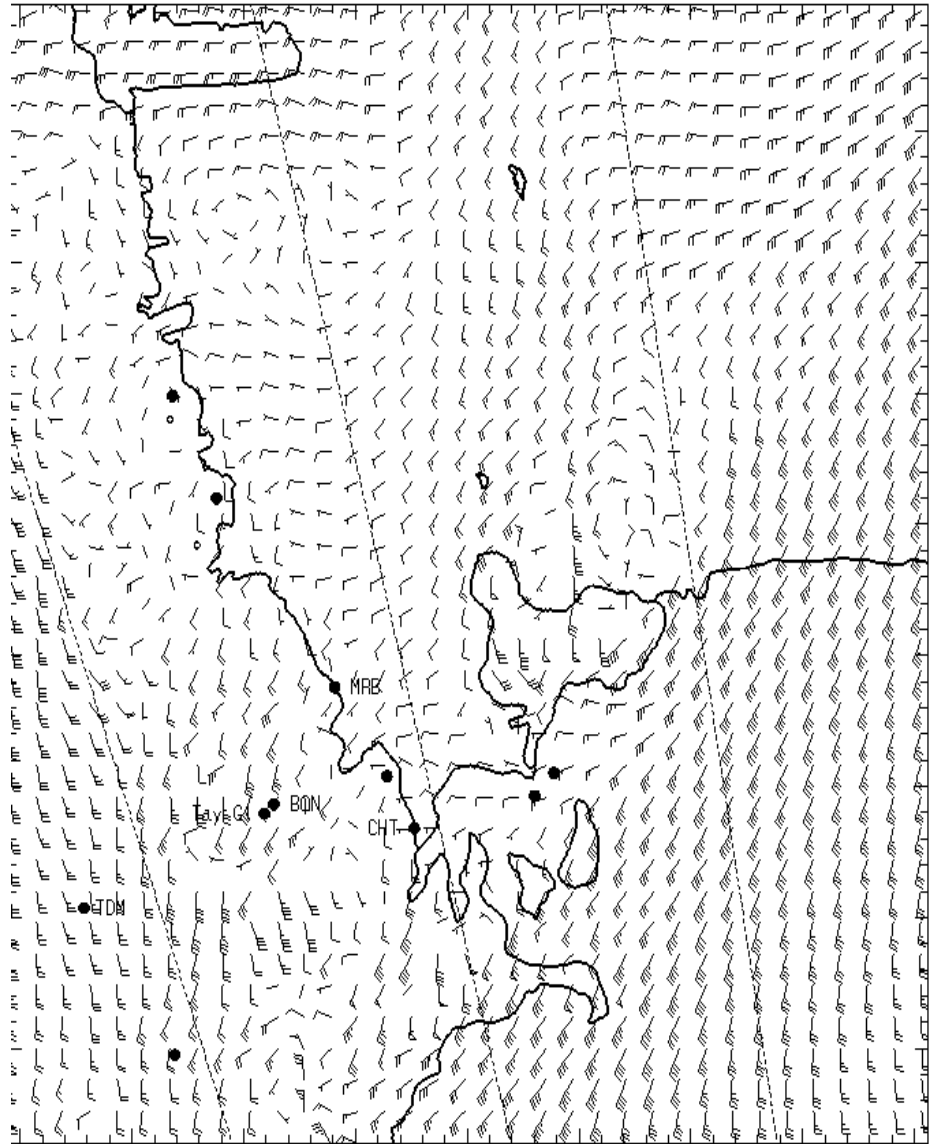


0100L

1,000 ft AGL

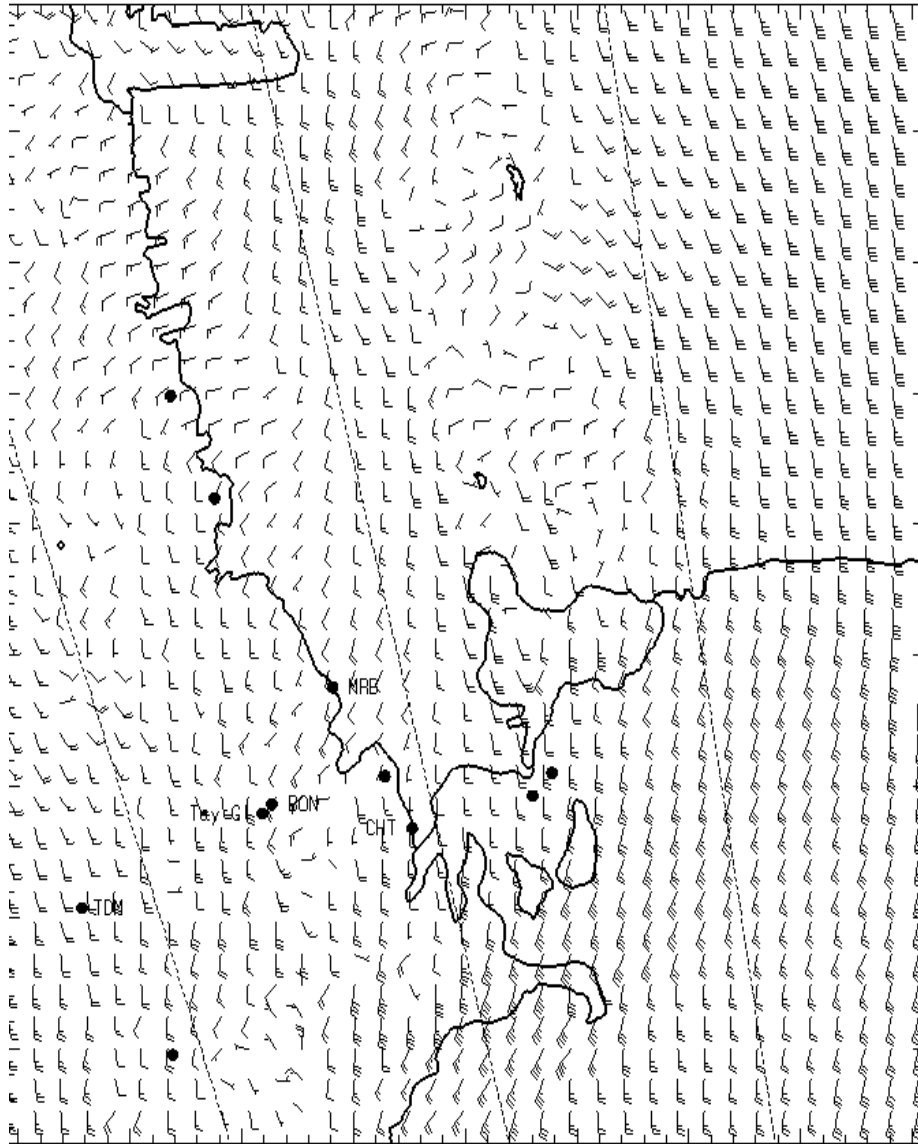


1900L

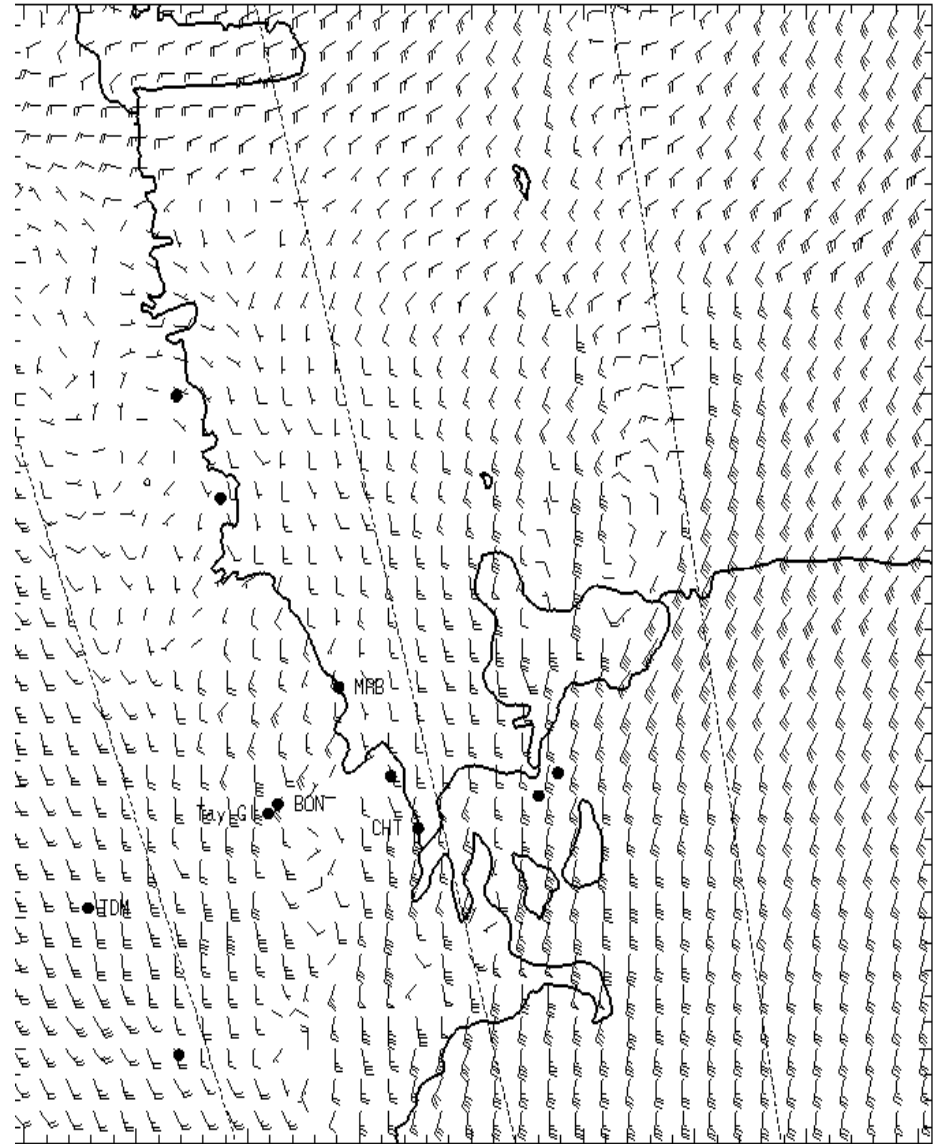


0100L

3,000 ft AGL

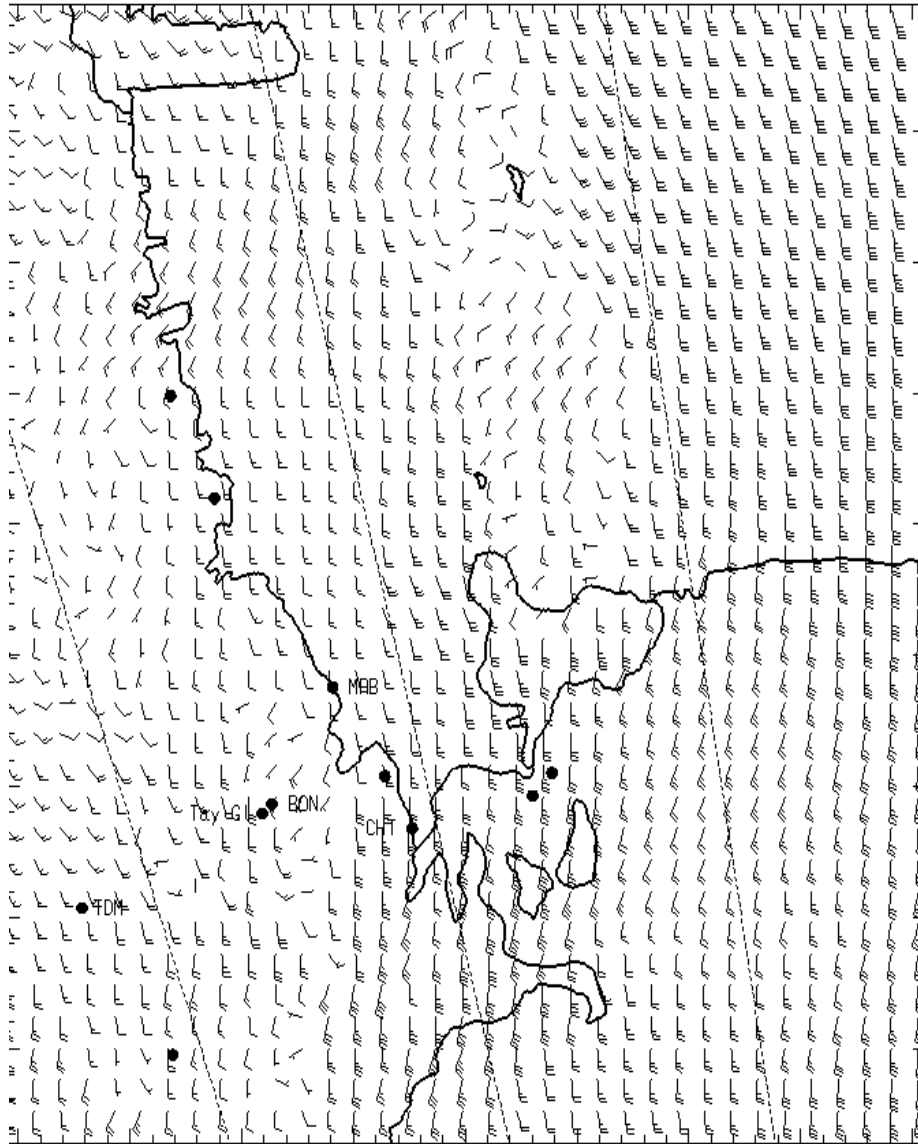


1900L

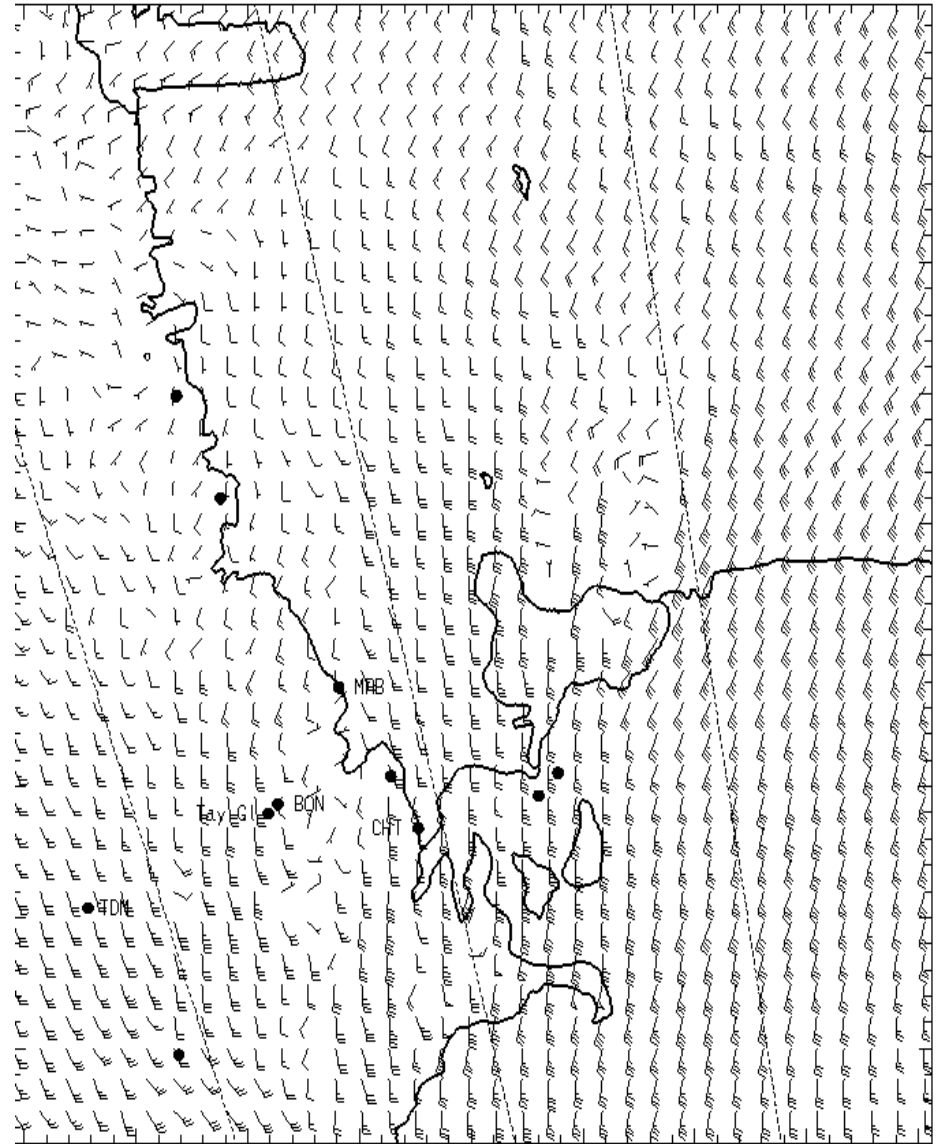


0100L

5,000 ft AGL



1900L



0100L