



HELO Weather

McMurdo Weather
Email: mcm.weather.forecaster@usap.gov
Iridium: 00 8816 7632 0030
Duty Forecaster: x42524
Briefing Counter: x43353

Date (L): Friday 5 February 2021

Brief Time (L): 0615

Briefing Number: 02-05

FCSTR: John Meyer

REGIONAL SUMMARY

Low pressure is developing further over Ross Island today. Moist air is being drawn into the entire region from the open Ross Sea waters, and this flow will continue to produce widespread low ceilings. While snow will not be as much of a factor today, higher winds are expected at the more exposed locations (such as Phoenix Airfield and Black Island) and this will create some blowing snow conditions due to yesterday's snowfall. The Valley locations will be mostly sheltered from the stronger winds, but icing will remain a threat in the lower ceilings.

HAZARDS

Light to moderate rime icing at all locations due to low-to-mid-level cloud ceilings.

Light to moderate turbulence at exposed locations (McM and Black Island) due to speed and directional shear.

LATEST MCMURDO OBSERVATION

METAR ZCMA 041628Z AUTO 22010KT 190V250 9999 -SN OVC060 M09/M14 A2885 RMK AO1 SLP773 GRID02010KT 360V060=

RUNWAY TAFS

TAF NZFX 041459Z 0415/0515 (0504/0604NZDT) 07010KT 9999 FEW020 BKN065 BKN080 600652 QNH2882INS GRID24010KT BECMG 0415/0417 (0504/0506) 13015G20KT 9999 DRSN SCT020 BKN065 OVC080 600652 QNH2880INS GRID30015G20KT BECMG 0502/0504 (0515/0517) 18020G30KT 1600 BLSN FEW010 BKN030 OVC060 510005 QNH2881INS GRID35020G30KT TEMPO 0504/0508 (0517/0521) 0800 BLSN

MCMURDO HELIPAD FORECAST (VALID TIME: 5/0600L – 5/1800L)

SFC WIND (TRUE): 12010G15KT BECMG 14015G25KT AFT 9L

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): BKN030 OVC050

MIN ALSTG: 2877INS

HAZARDS: LGT ICG 030-080 / NIL BECMG LGT TURBC SFC-030 AFT 9L

SITE & AREA FORECASTS (VALID TIME: 5/0600L – 5/1800L)

BLACK ISLAND

SFC WIND (TRUE): 17035G45KT

SFC VISIBILITY (SM): UNRES TEMPO 1 – 3 BLSN BR 8-14L

SKY CONDITION (AGL): FEW000 BKN020 OVC040

MIN ALSTG: 2875INS

HAZARDS: LGT ICG SFC-070 / LGT-MDT TURBC SFC-040

LAKE BONNEY/WLLB

SFC WIND (TRUE): 24012KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW060 BECMG BKN060 OVC080 AFT 11L

MIN ALSTG: 2866INS

HAZARDS: NIL BECMG LGT ICG 060-100 AFT 11L

MT NEWALL

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNRES BECMG 1 – 3 -SN BR AFT 9L

SKY CONDITION (AGL): SCT010 BECMG BKN000 BKN010 AFT 9L

MIN ALSTG: 2835INS

HAZARDS: NIL BECMG LGT-MDT ICG SFC-030 AFT 9L

BULL PASS BORE

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW060 BECMG BKN060 OVC080 AFT 10L

MIN ALSTG: 2866INS

HAZARDS: NIL BECMG LGT ICG 060-100 AFT 10L

WRIGHT RIDGE

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW030 BECMG BKN030 OVC050 AFT 10L

MIN ALSTG: 2877INS

HAZARDS: NIL BECMG LGT ICG 030-080 AFT 10L

BULL PASS EAST

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): FEW060 BECMG BKN060 OVC080 AFT 10L

MIN ALSTG: 2847INS

HAZARDS: NIL BECMG LGT ICG 060-100 AFT 10L

MARBLE POINT

SFC WIND (TRUE): 19012KT

SFC VISIBILITY (SM): UNRES BECMG 1 – 3 BR AFT 10L

SKY CONDITION (AGL): SCT030 BKN050 BECMG BKN015 BKN050 AFT 10L

MIN ALSTG: 2874INS

HAZARDS: NIL BECMG LGT ICG SFC-070 AFT 10L

LAKE MIERS

SFC WIND (TRUE): VRB04KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT040 BECMG BKN030 OVC050 AFT 10L

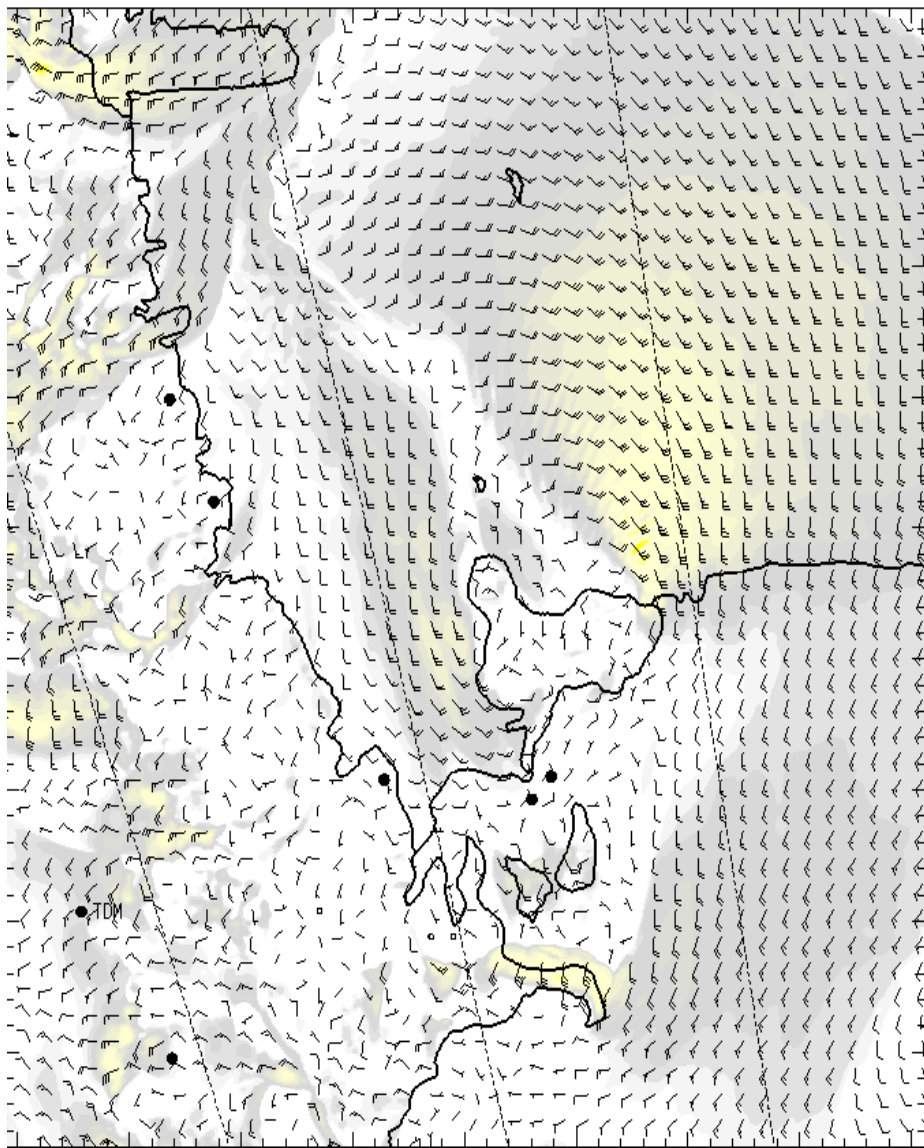
MIN ALSTG: 2860INS

HAZARDS: NIL BECMG LGT ICG 030-080 AFT 10L

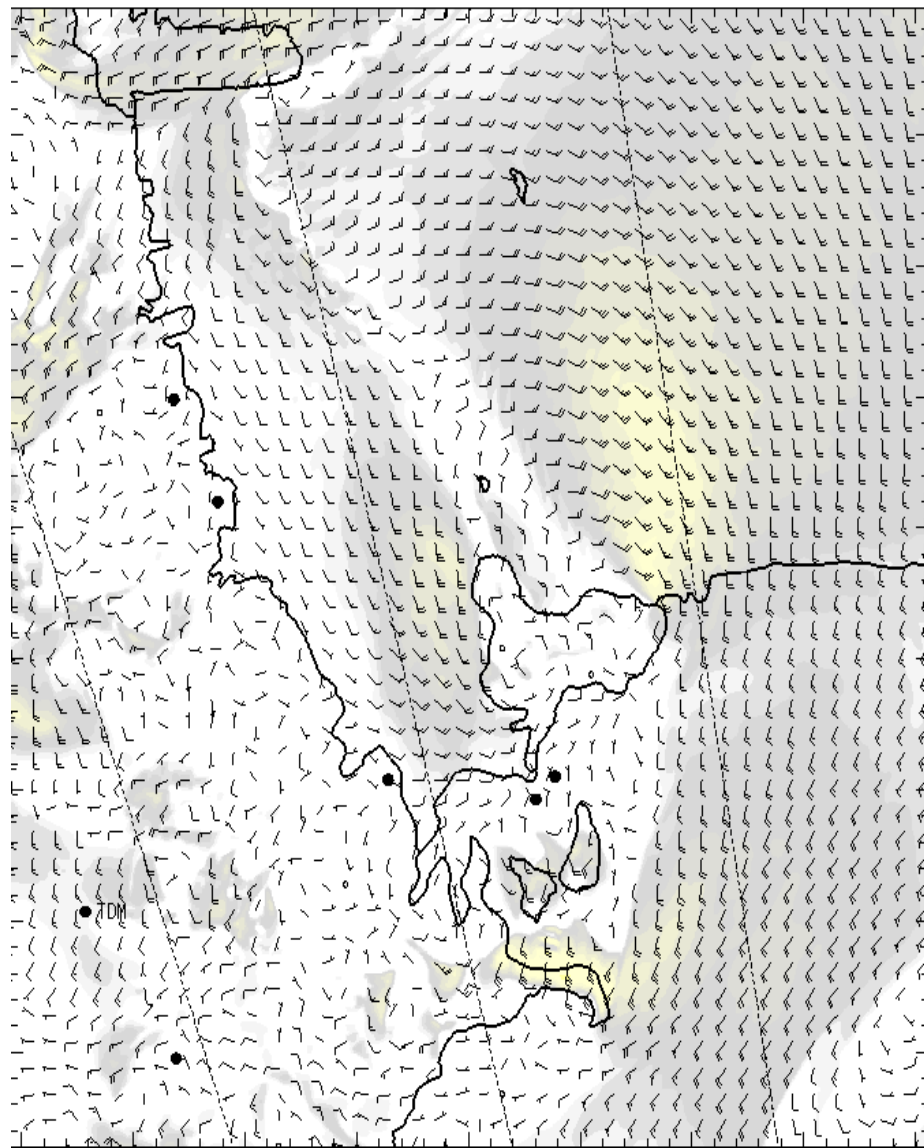
NIGHT AREA OUTLOOKS (VALID TIME: 5/1800L – 6/0600L)

NIL

SFC

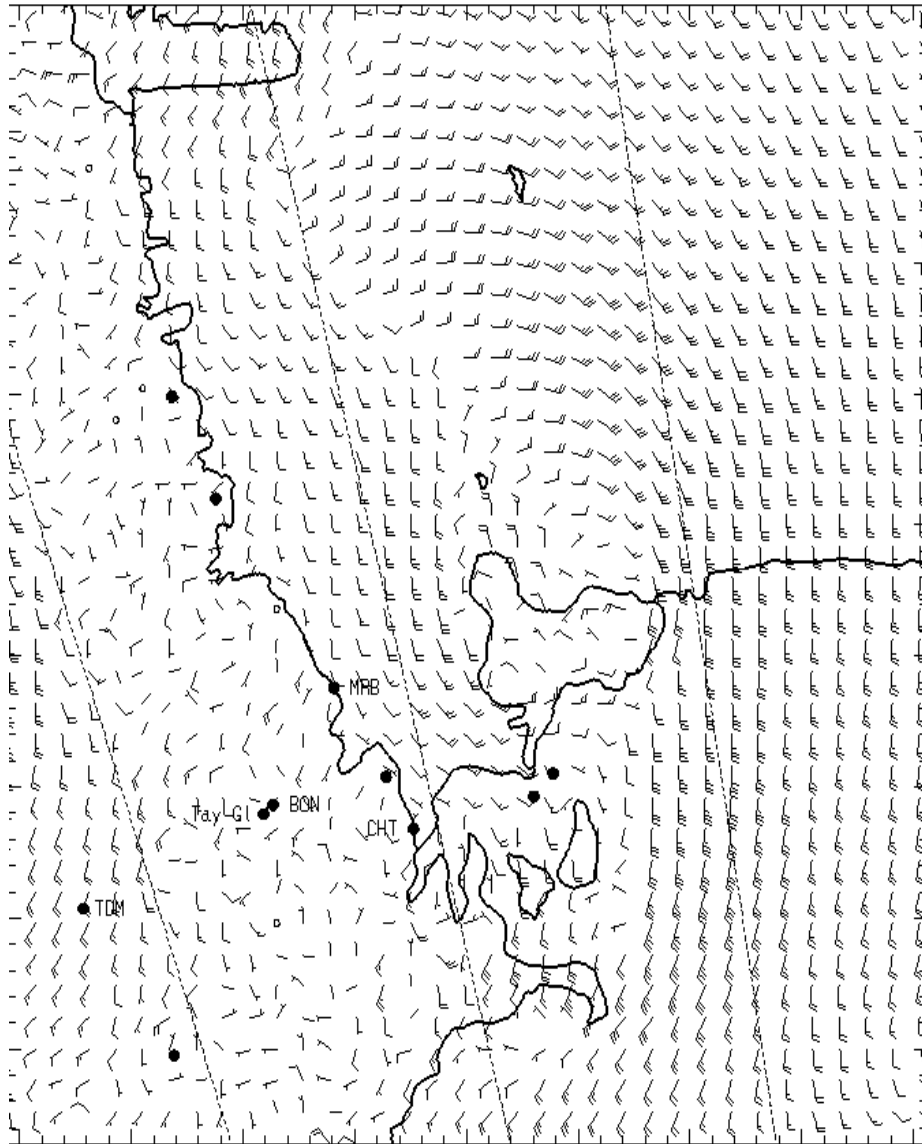


0700L

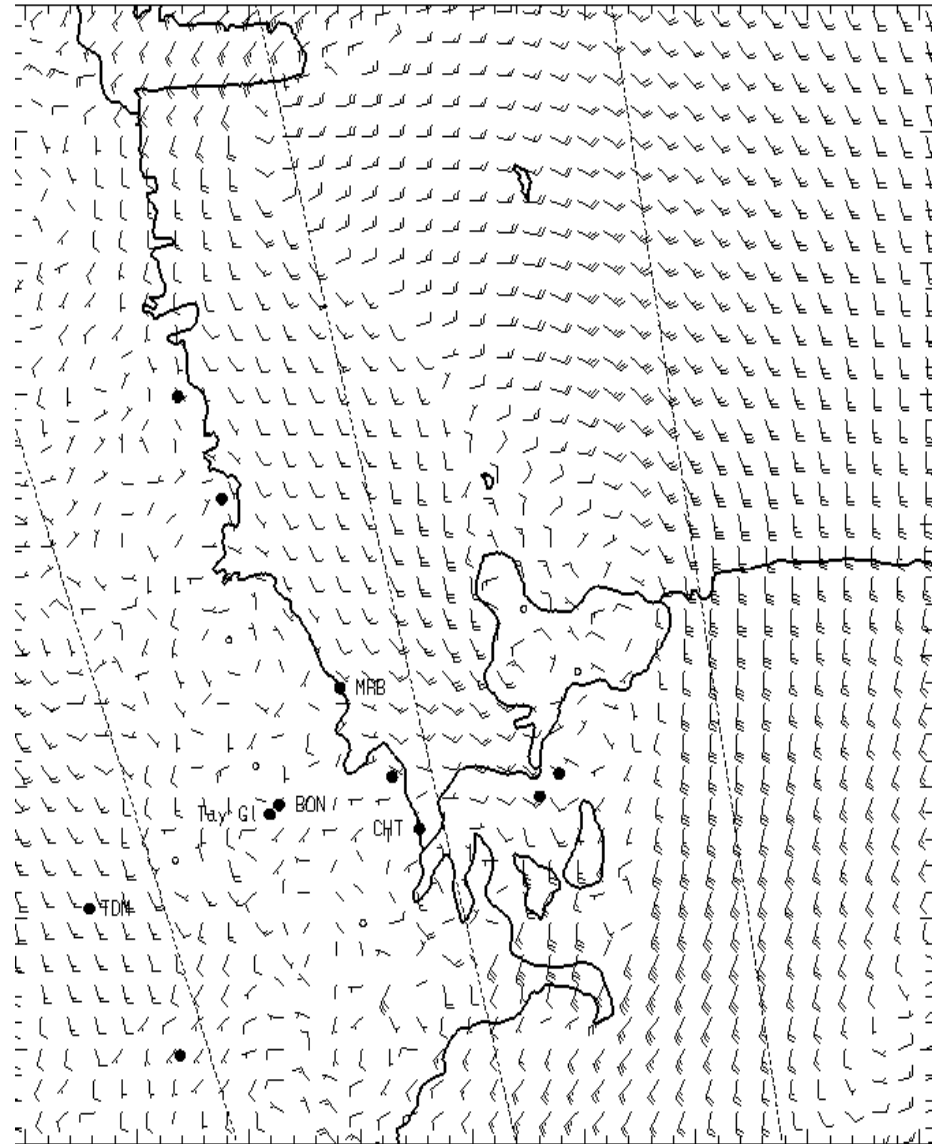


1300L

1,000 ft AGL

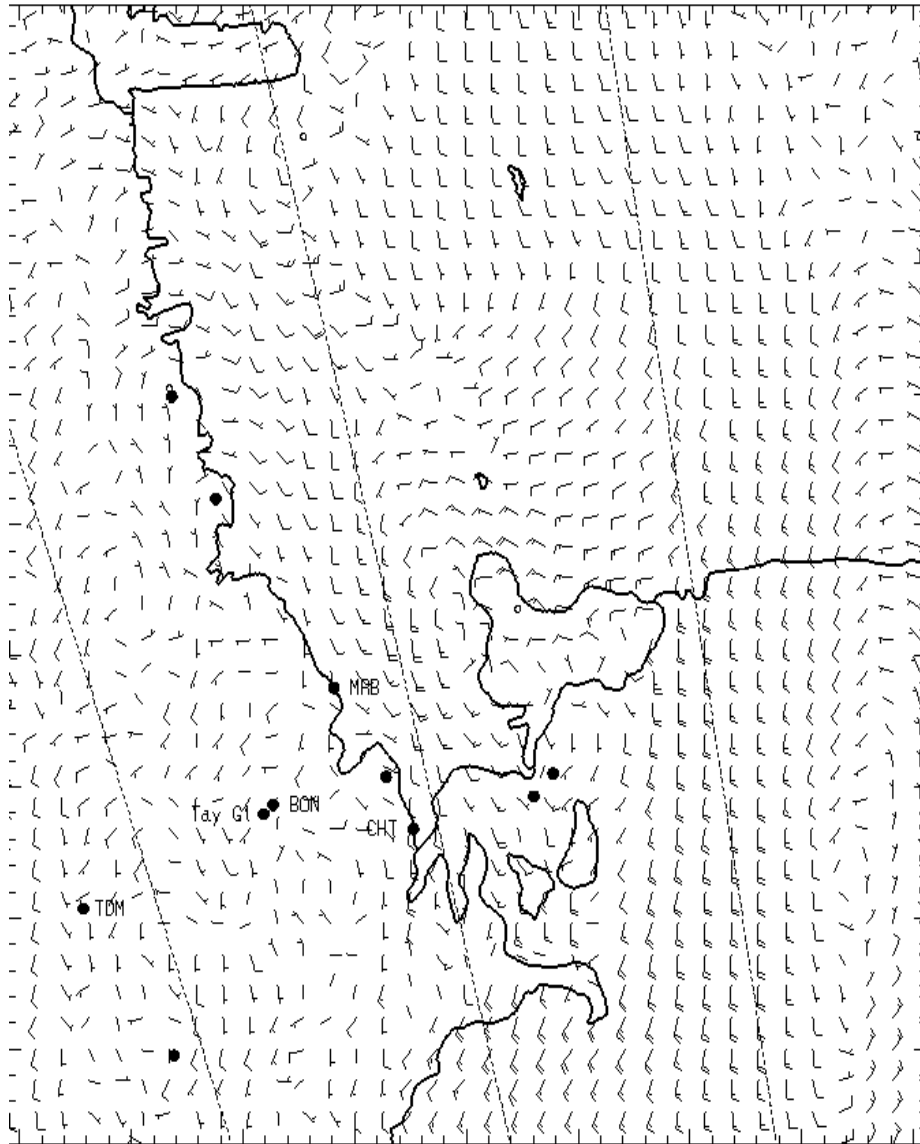


0700L

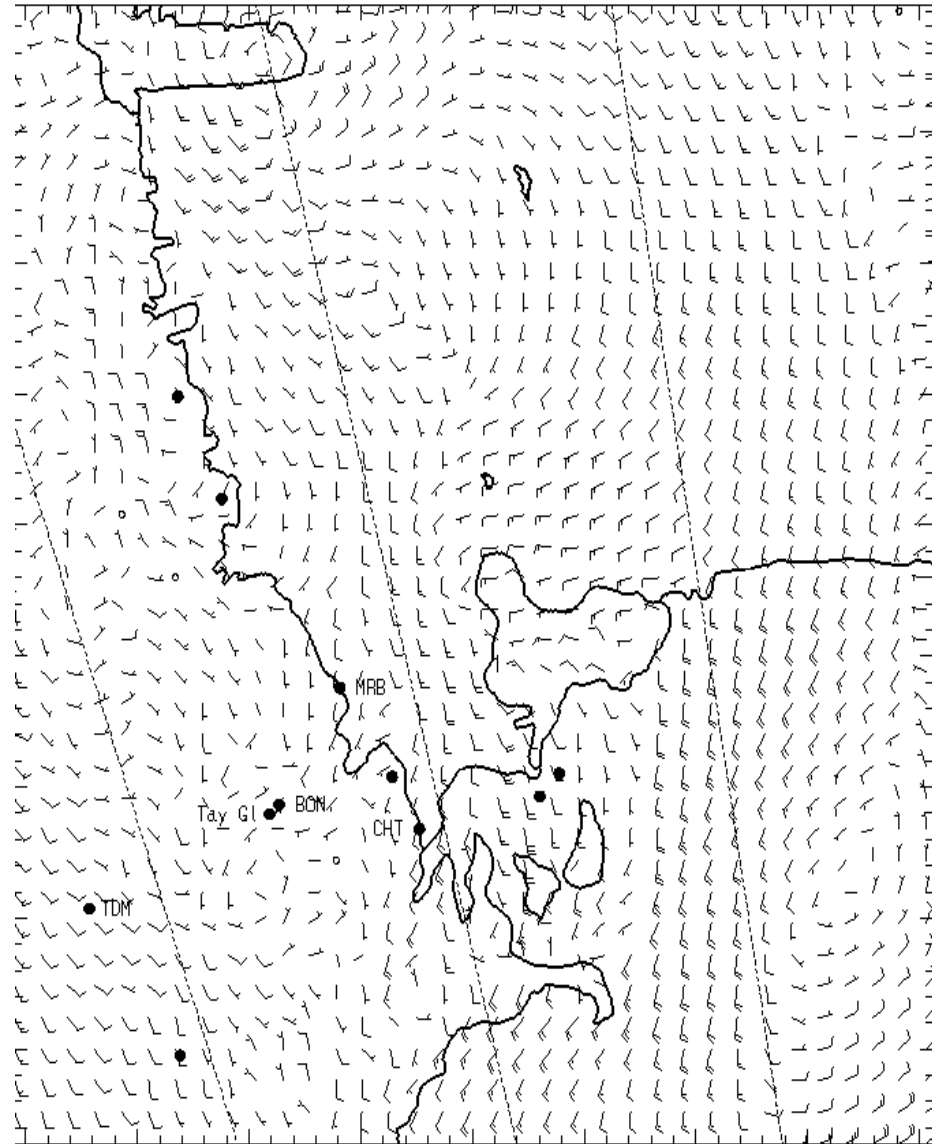


1300L

3,000 ft AGL

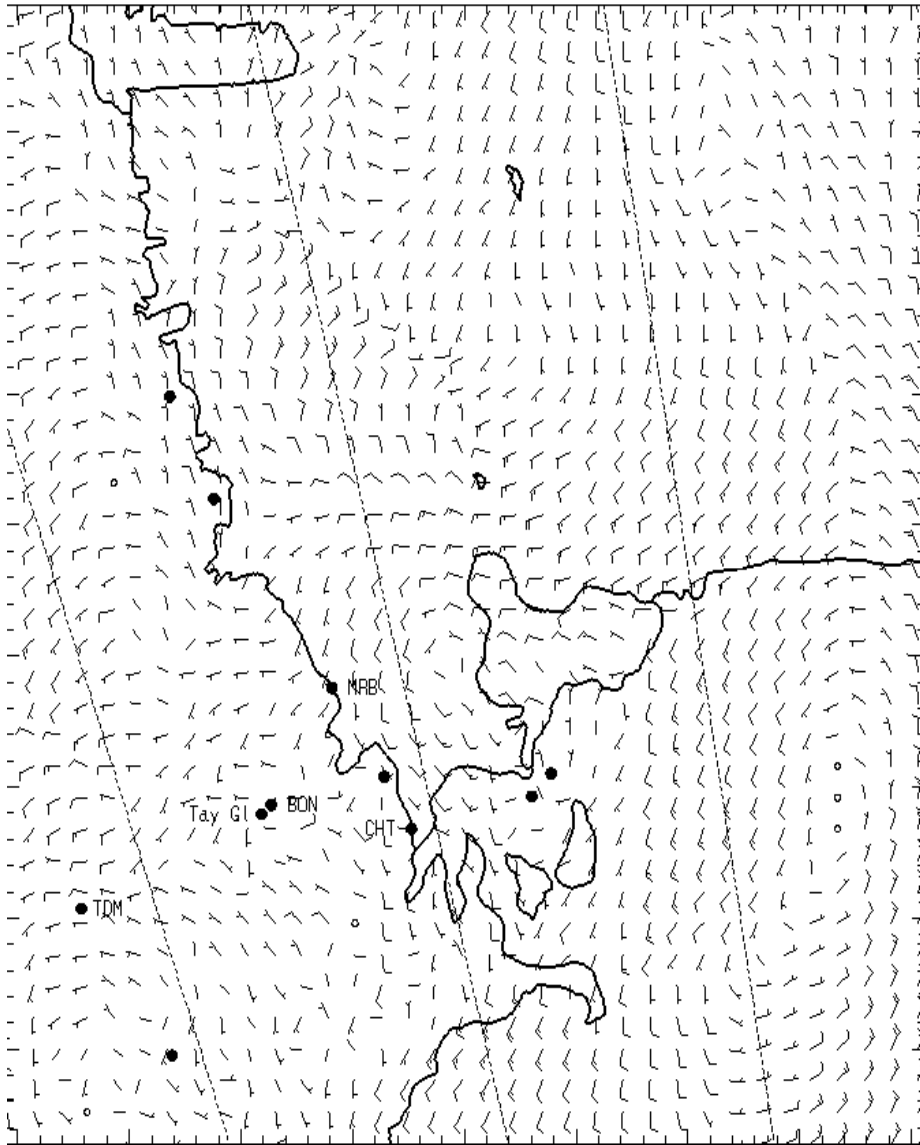


0700L

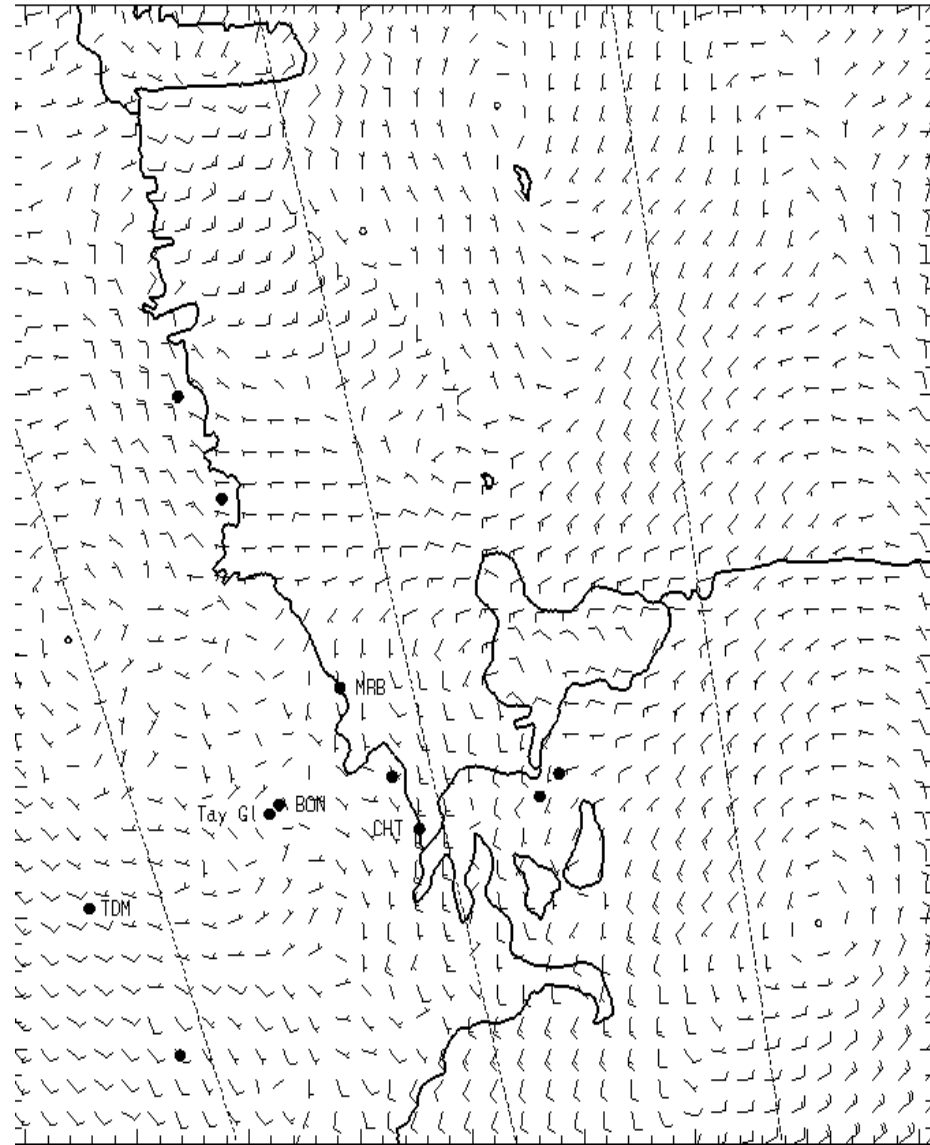


1300L

5,000 ft AGL



0700L



1300L