



HELO Weather

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

Date (L): Wednesday 20 January 2021

Brief Time (L): 0615

Briefing Number: 01-15

FCSTR: John Meyer

REGIONAL SUMMARY

A low pressure system is approaching from the north, and will rapidly deteriorate conditions this morning. Ceilings are already in place across the region, and are lowering quickly – which will completely obscure elevated locations throughout the day. Once the snow begins at the surface this morning, visibility will drop rapidly. As the low presses in further, winds will also increase closer to midday, and this will create a blowing snow situation with turbulent conditions. Icing will also be a threat throughout the day in clouds, and due to the warm temperatures, even in the somewhat-melted snow/sleet below the cloud bases.

HAZARDS

Light to moderate rime icing in cloud and in precipitation at all locations.
Moderate turbulence at Cape Crozier due to speed shear and directional shear in the column.

LATEST MCMURDO OBSERVATION

METAR ZCMA 191644Z AUTO VRB05KT 9999 OVC055 M03/M05 A2971 RMK AO1 SLP063=

RUNWAY TAFS

TAF NZFX 191455Z 1915/2015 (2004/2104NZDT) 10007KT 9999 FEW020 OVC075 QNH2972INS GRID27007KT
BECMG 1917/1919 (2006/2008) 09009KT 3200 -SN SCT012 BKN020 OVC065 620208 QNH2963INS GRID26009KT
TEMPO 1921/2002 (2010/2015) VRB06KT 1600 -SN BR BKN012 OVC020 620128
BECMG 2000/2002 (2013/2015) 11013KT 8000 -SN BR DRSN SCT015 BKN020 OVC060 620208 QNH2955INS GRID28013KT
BECMG 2004/2006 (2017/2019) 09010KT 1600 -SN BR DRSN SCT012 OVC017 620178 QNH2950INS WND VRB05KT AFT 2012
GRID26010KT
TEMPO 2006/2010 (2019/2023) VRB06KT 0800 -SN FZFG OVC010 620109

MCMURDO HELIPAD FORECAST (VALID TIME: 20/0600L – 20/1800L)

SFC WIND (TRUE): 12015G25KT
SFC VISIBILITY (SM): UNRES TEMPO 1 – 3 -SN BR 8-14L BECMG 1/2 – 2 -SN BLSN BR AFT 14L
SKY CONDITION (AGL): BKN020 OVC050 BECMG BKN000 OVC020 AFT 10L
MIN ALSTG: 2952INS
HAZARDS: LGT-MDT ICG SFC-100

SITE & AREA FORECASTS (VALID TIME: 20/0600L – 20/1800L)

CONEZ

SFC WIND (TRUE): 06015KT
SFC VISIBILITY (SM): 1/4 – 1/2 SN FG
SKY CONDITION (AGL): OVC000
MIN ALSTG: 2889INS
HAZARDS: MDT ICG SFC-060

CAPE CROZIER

SFC WIND (TRUE): 18030G40KT

SFC VISIBILITY (SM): 1/4 – 1/2 SN BLSN

SKY CONDITION (AGL): BKN015 OVC030

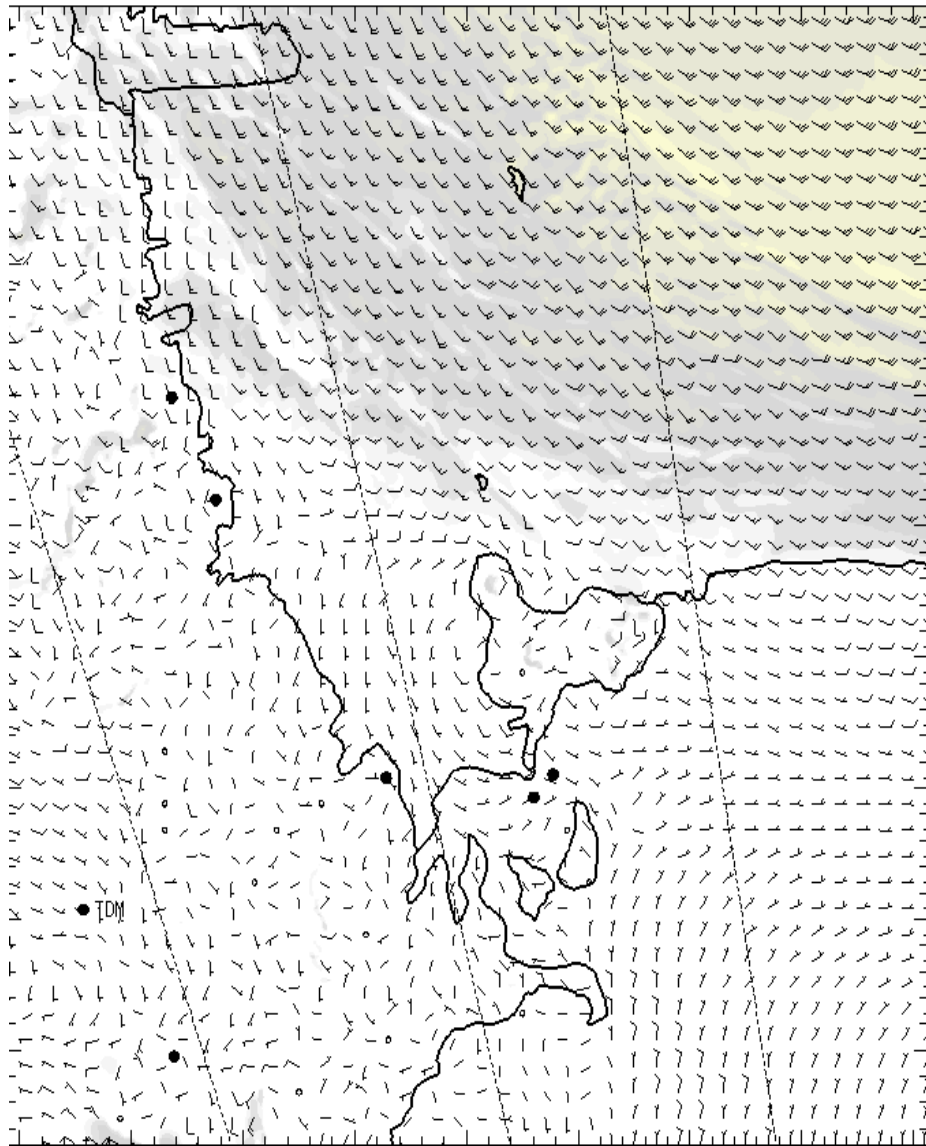
MIN ALSTG: 2934INS

HAZARDS: MDT ICG SFC-100 / MDT TURBC SFC-050

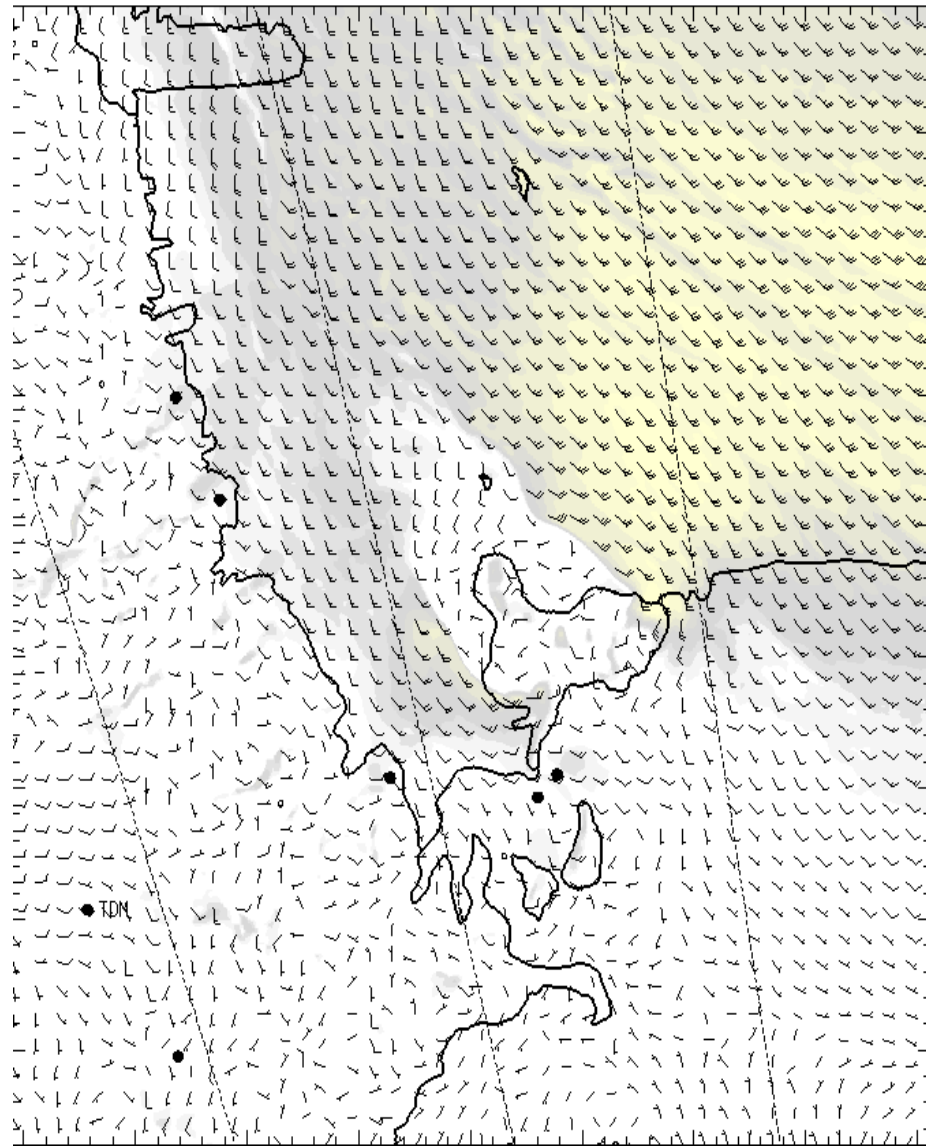
NIGHT AREA OUTLOOKS (VALID TIME: 20/1800L – 21/0600L)

NIL

SFC

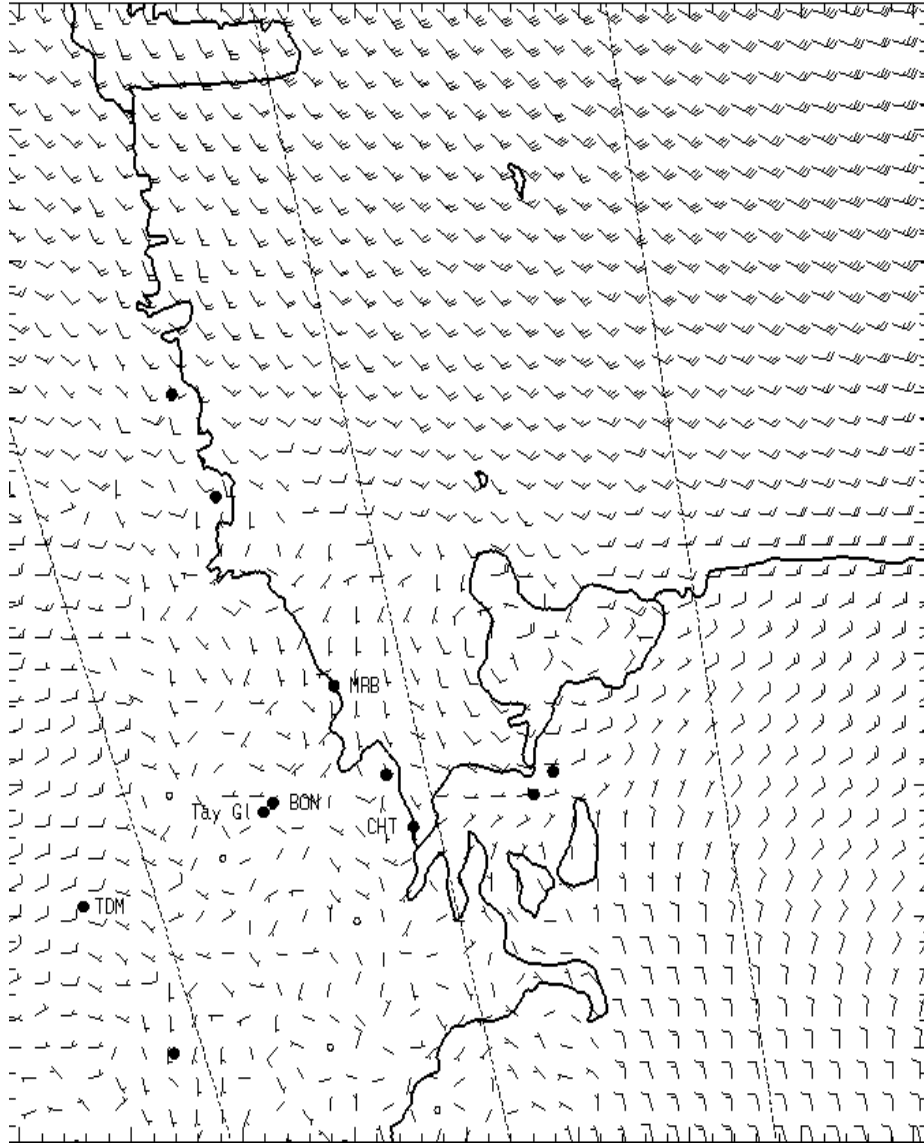


0700L

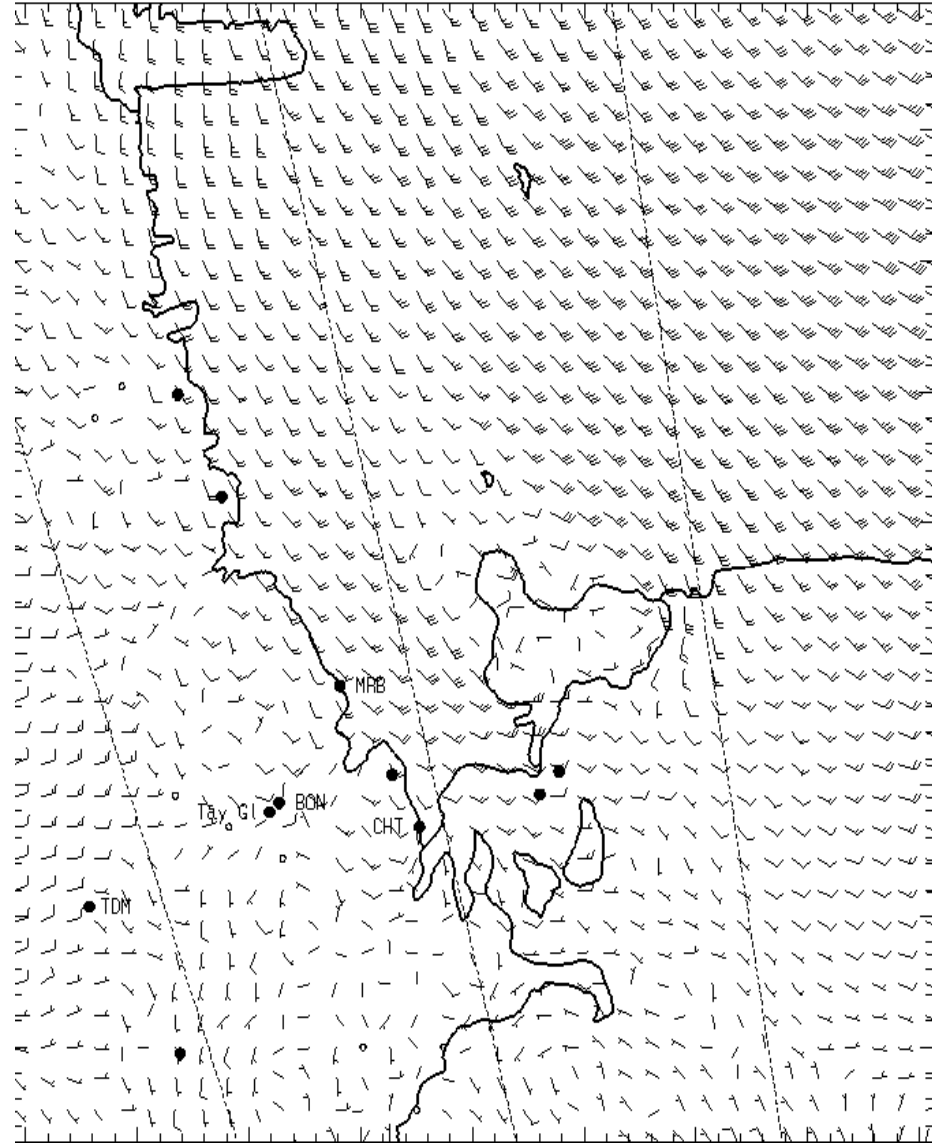


1300L

1,000 ft AGL

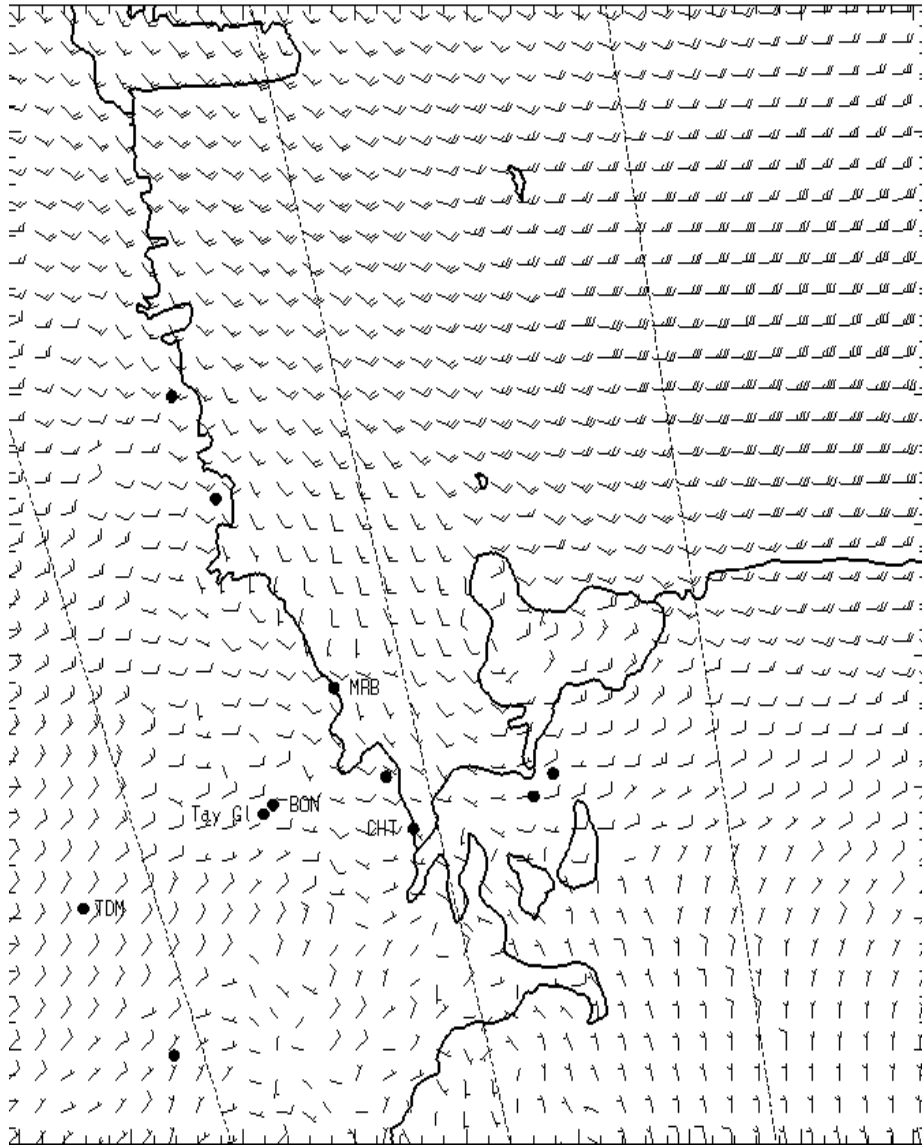


0700L

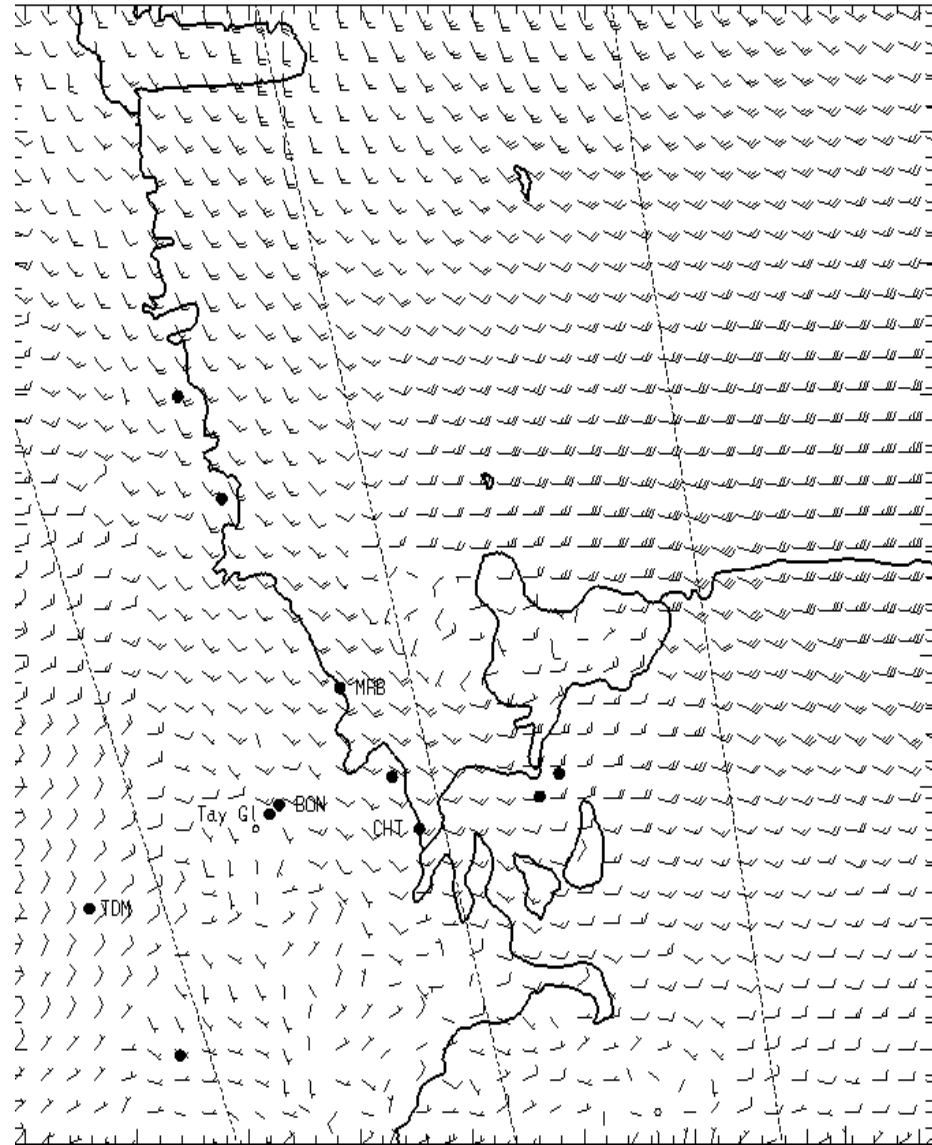


1300L

3,000 ft AGL

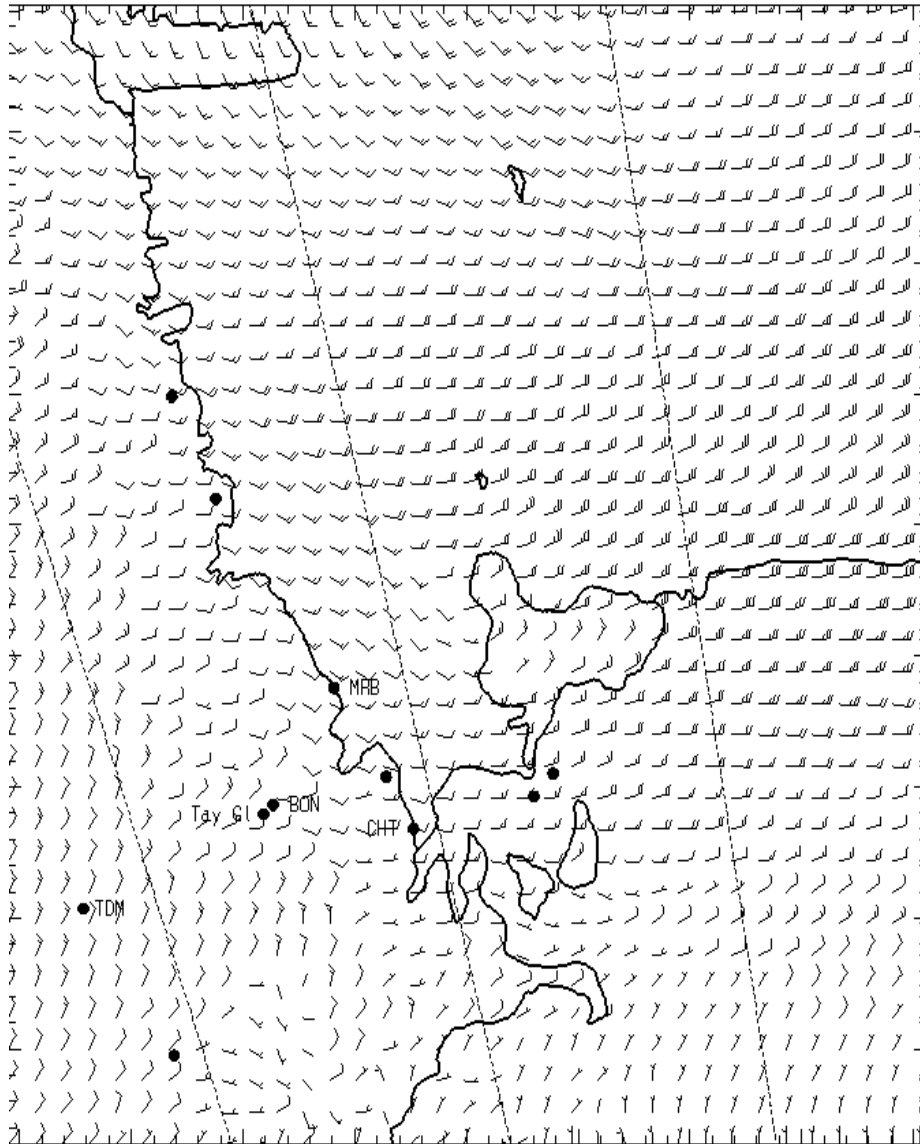


0700L

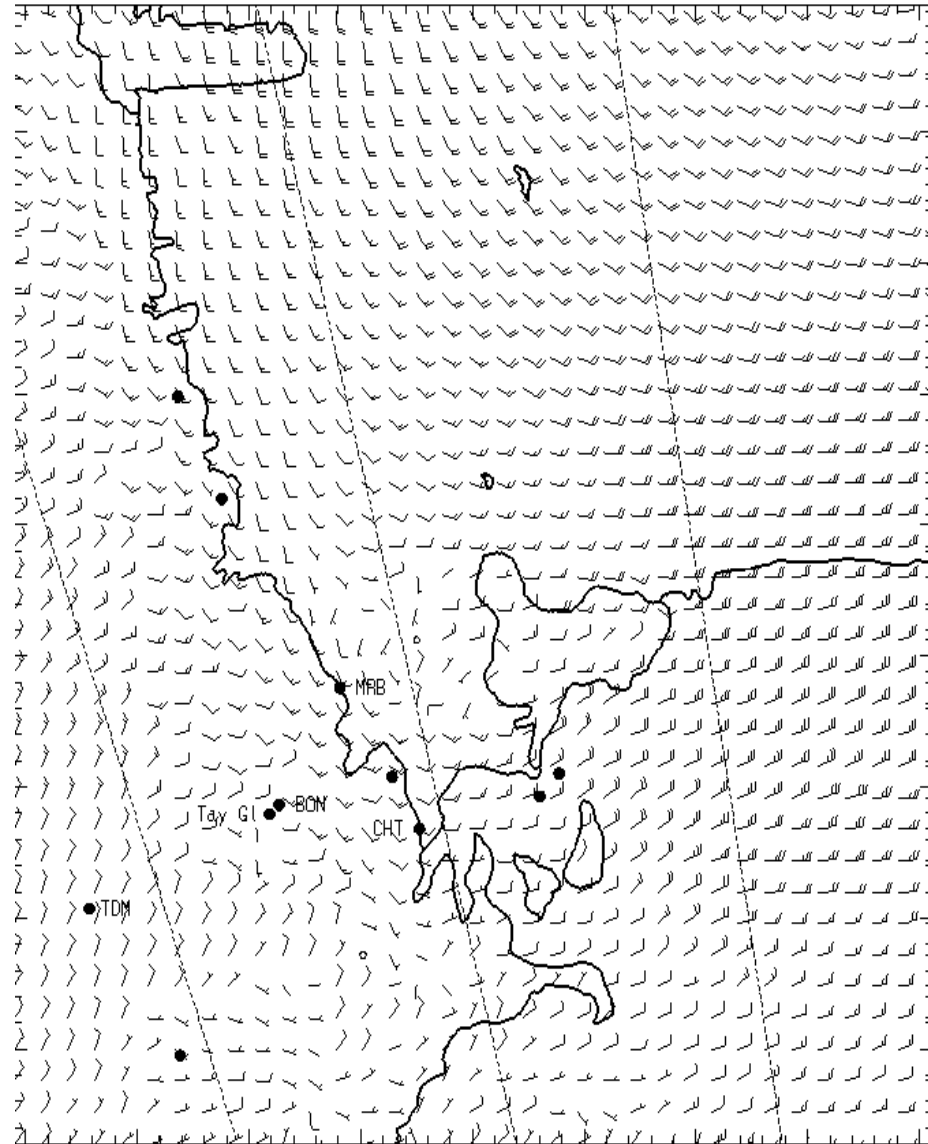


1300L

5,000 ft AGL



0700L



1300L