



Helo Weather

Charleston ROF
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Date (L): 15 JAN 2026

Brief Time (L): 0900L

Briefing Number: 01-018

FORECASTER: Paul Gulli

REGIONAL SUMMARY

A ridge of high pressure and a developing lee-side low to our northwest are pushing stratus down McMurdo Sound today. The clouds are mostly covering the Sound, the runways and the end of Hut Point Peninsula, and the west/northwesterly flow looks to continue.

HAZARDS

TRACE ICG potential exists in the shallow stratus layer, while breezy northwesterly flow across Hut Point Peninsula is also appearing as mountain waves on satellite imagery, indicating potential for LGT TURBC.

LATEST MCMURDO OBSERVATION (AUTO OBS)

METAR NZCM 141555Z AUTO 34008G16KT 280V090 9999 OVC020 M04/M08 A2903 RMK AO2 CIG 018V023 SLP833 T10431081

RUNWAY TAFS

TAF NZFX 141458Z 1415/1515 (1504/1604NZDT) VRB06KT 9999 FEW015 BKN020 620201 QNH2902INS
BECMG 1504/1506 (1517/1519NZDT) VRB06KT 9999 OVC010 620101 QNH2900INS

TAF NZWD 141458Z 1415/1515 (1504/1604NZDT) VRB06KT 9999 FEW015 BKN020 620201 QNH2902INS
BECMG 1505/1507 (1518/1520NZDT) VRB06KT 9999 OVC010 620101 QNH2900INS

MCMURDO HELIPAD FORECAST (VALID TIME: 15/0600L - 1800L)

SFC WIND (TRUE): 33006KT

SFC VISIBILITY (SM): UNRES, -SHSN

SKY CONDITION (AGL): OVC015

MIN ALSTG: 29.00INS

HAZARDS: TRACE ICG 015-025, LGT TURBC SFC-030

SITE & AREA FORECASTS (VALID TIME: 15/0600L - 1800L)

SCOTT BASE

SFC WIND (TRUE): 33009KT
SFC VISIBILITY (SM): UNRES, -SHSN
SKY CONDITION (AGL): OVC015
MIN ALSTG: 29.00INS
HAZARDS: TRACE ICG 015-025, LGT TURBC SFC-030

CAPE EVANS

SFC WIND (TRUE): 33013KT
SFC VISIBILITY (SM): UNRES, -SHSN
SKY CONDITION (AGL): OVC015
MIN ALSTG: 29.00INS
HAZARDS: TRICE ICG 015-025

BLACK ISLAND

SFC WIND (TRUE): 34015KT
SFC VISIBILITY (SM): 9999
SKY CONDITION (AGL): SCT015, BECMG BKN010 AFT 09L
MIN ALSTG: 28.98INS
HAZARDS: LGT TURBC SFC-040; TRACE ICG 010-020 AFT 09L

LAKE HOARE

SFC WIND (TRUE): 09005KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): FEW010
MIN ALSTG: 28.96INS
HAZARDS: NIL

LAKE BONNEY

SFC WIND (TRUE): 06012KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): FEW010
MIN ALSTG: 28.94INS
HAZARDS: NIL

LAKE FRYXELL

SFC WIND (TRUE): VRB05KT
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): FEW015
MIN ALSTG: 29.01INS
HAZARDS: NIL

MARBLE POINT

SFC WIND (TRUE): 34009KT
SFC VISIBILITY (SM): UNRES, -SHSN
SKY CONDITION (AGL): SCT015, TEMPO BKN015
MIN ALSTG: 29.00INS
HAZARDS: TRACE ICG 015-025

OAMARU PEAK

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SKC

MIN ALSTG: 28.76INS

HAZARDS: NIL

BOMB Z

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SKC

MIN ALSTG: 28.62INS

HAZARDS: NIL

CAPE ROYDS

SFC WIND (TRUE): 35013KT

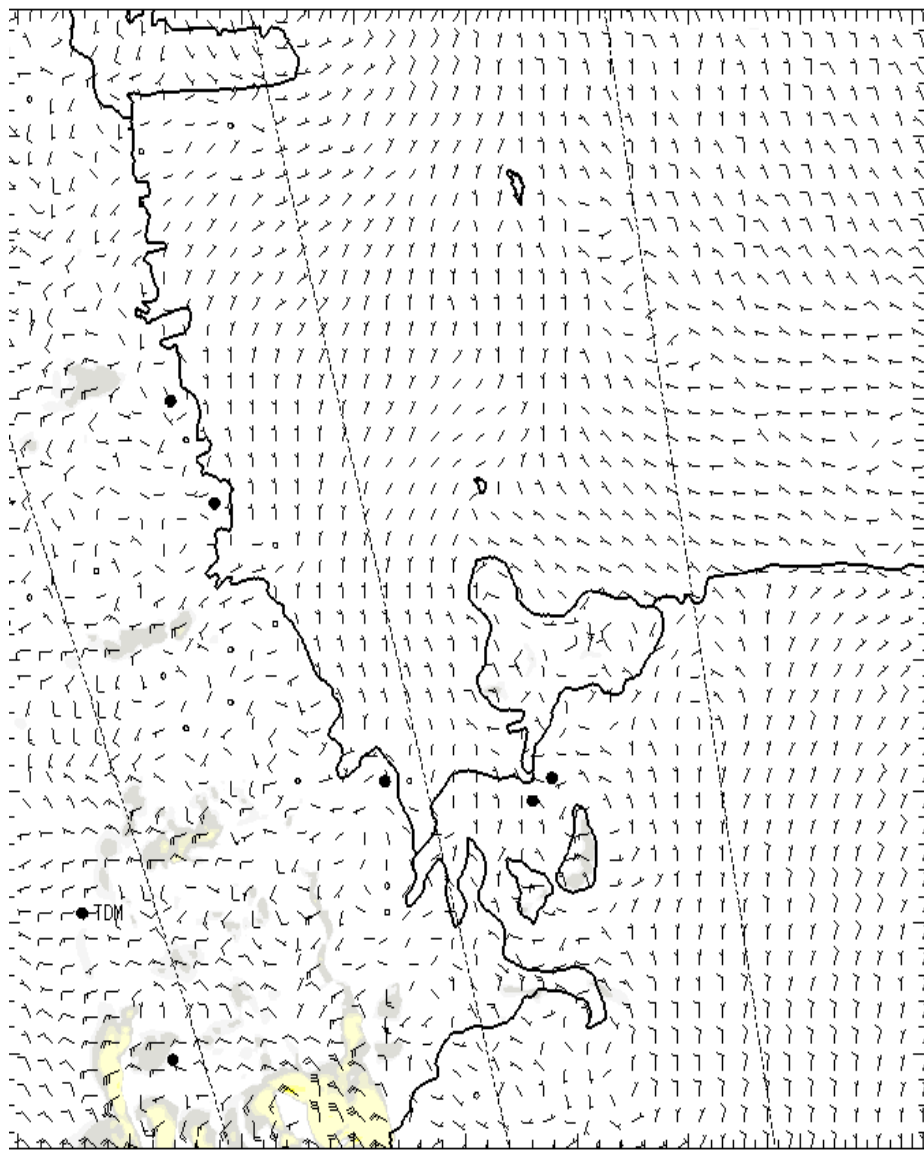
SFC VISIBILITY (SM): UNRES -SHSN

SKY CONDITION (AGL): BKN015

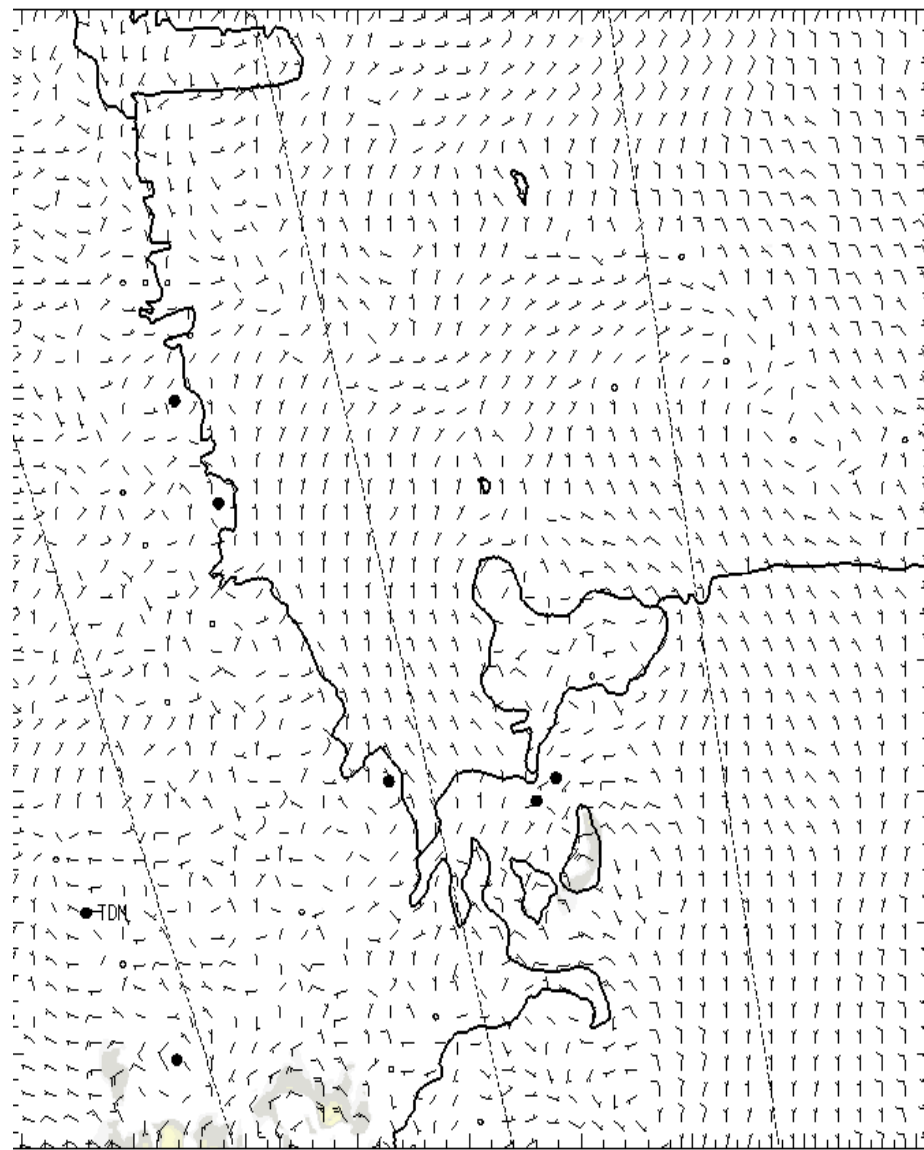
MIN ALSTG: 29.00INS

HAZARDS: TRACE ICG 015-025

SFC

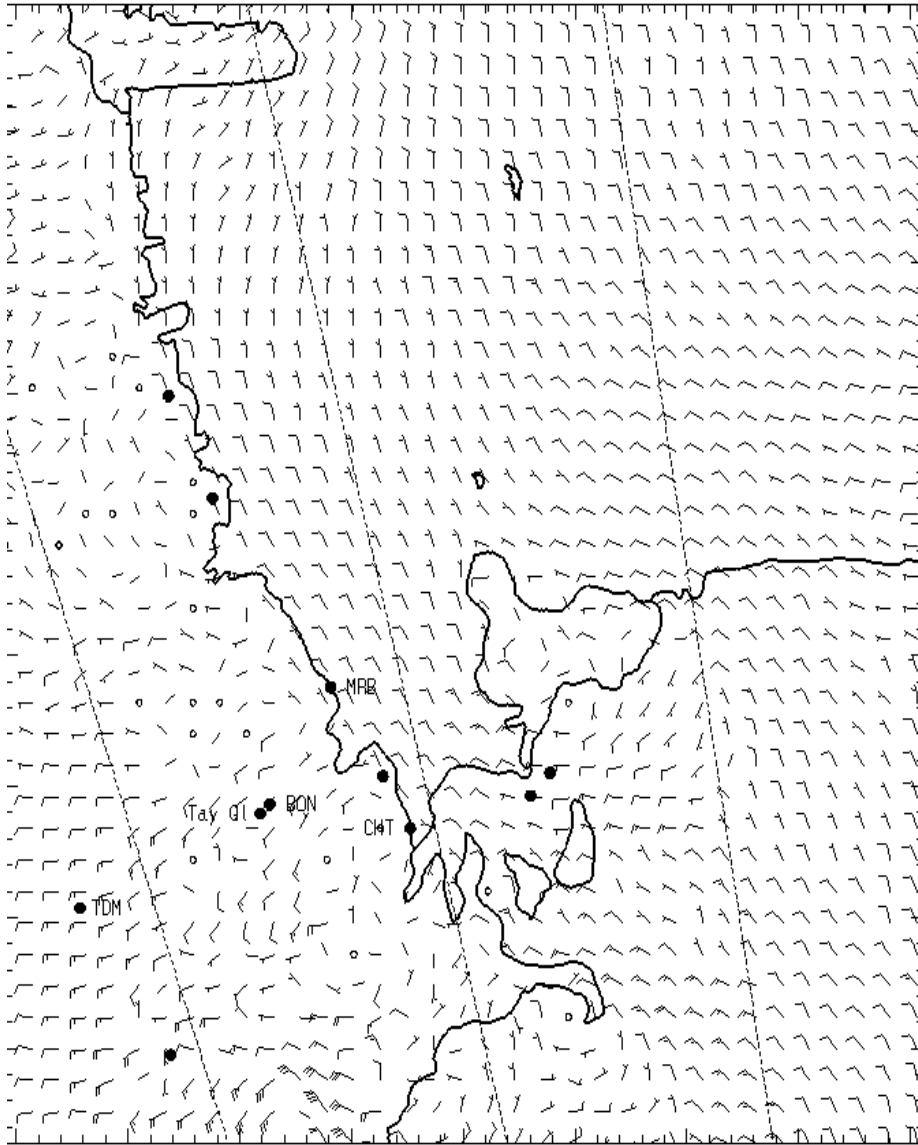


0600L

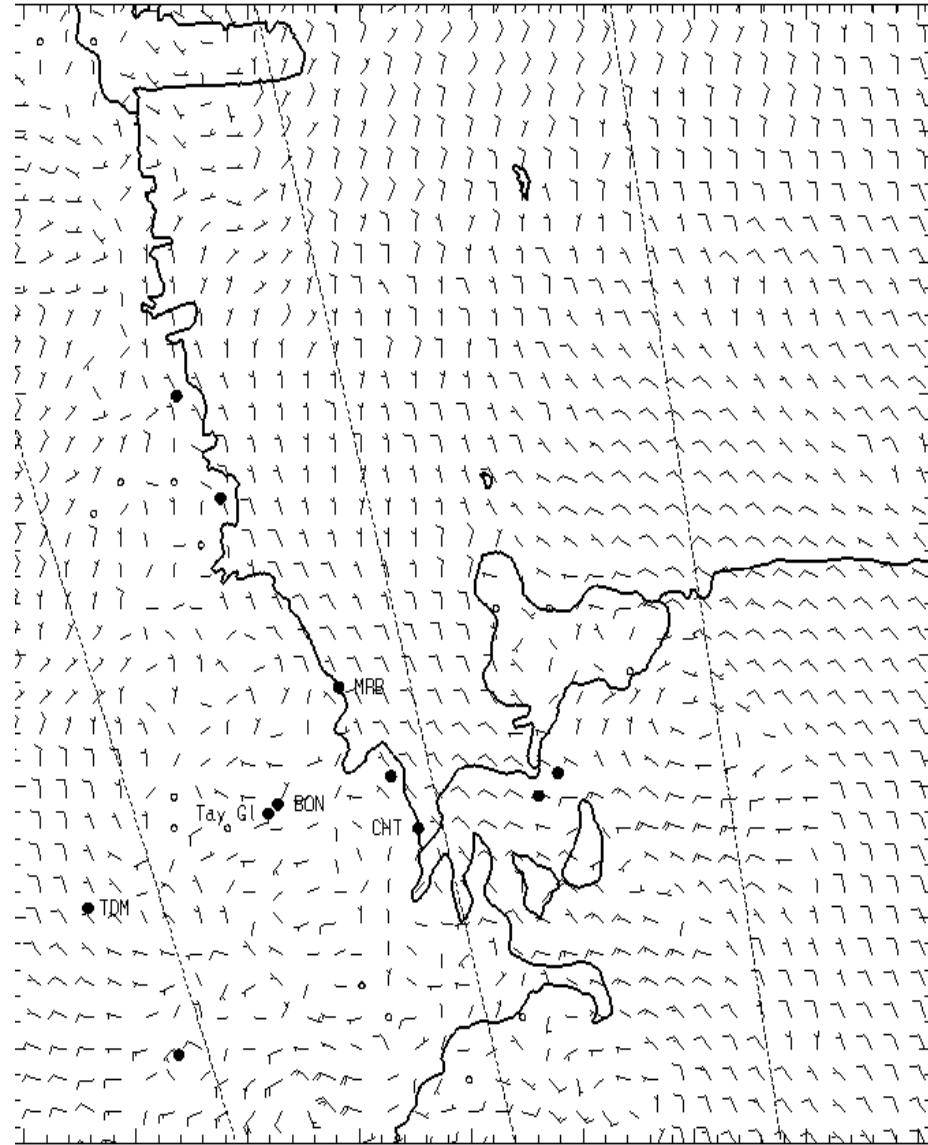


1200L

1,000 ft AGL

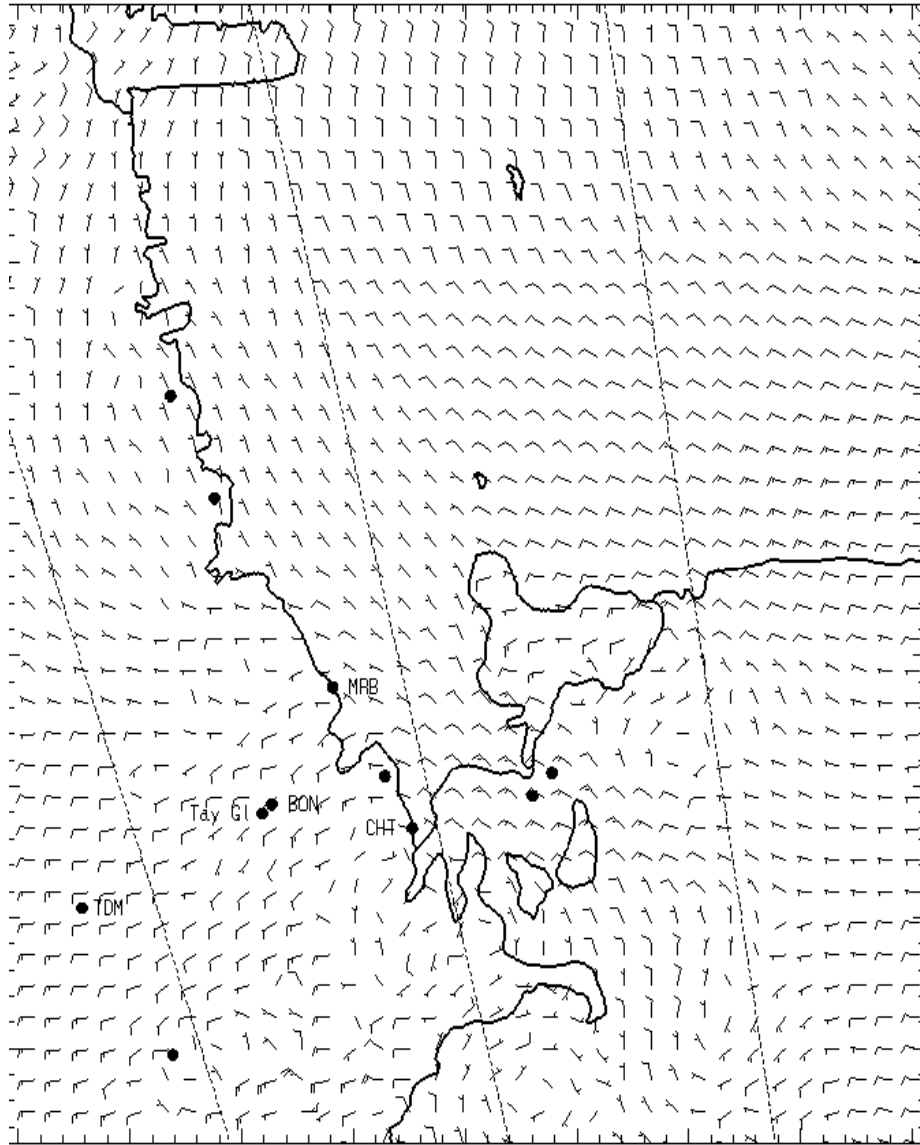


0600L

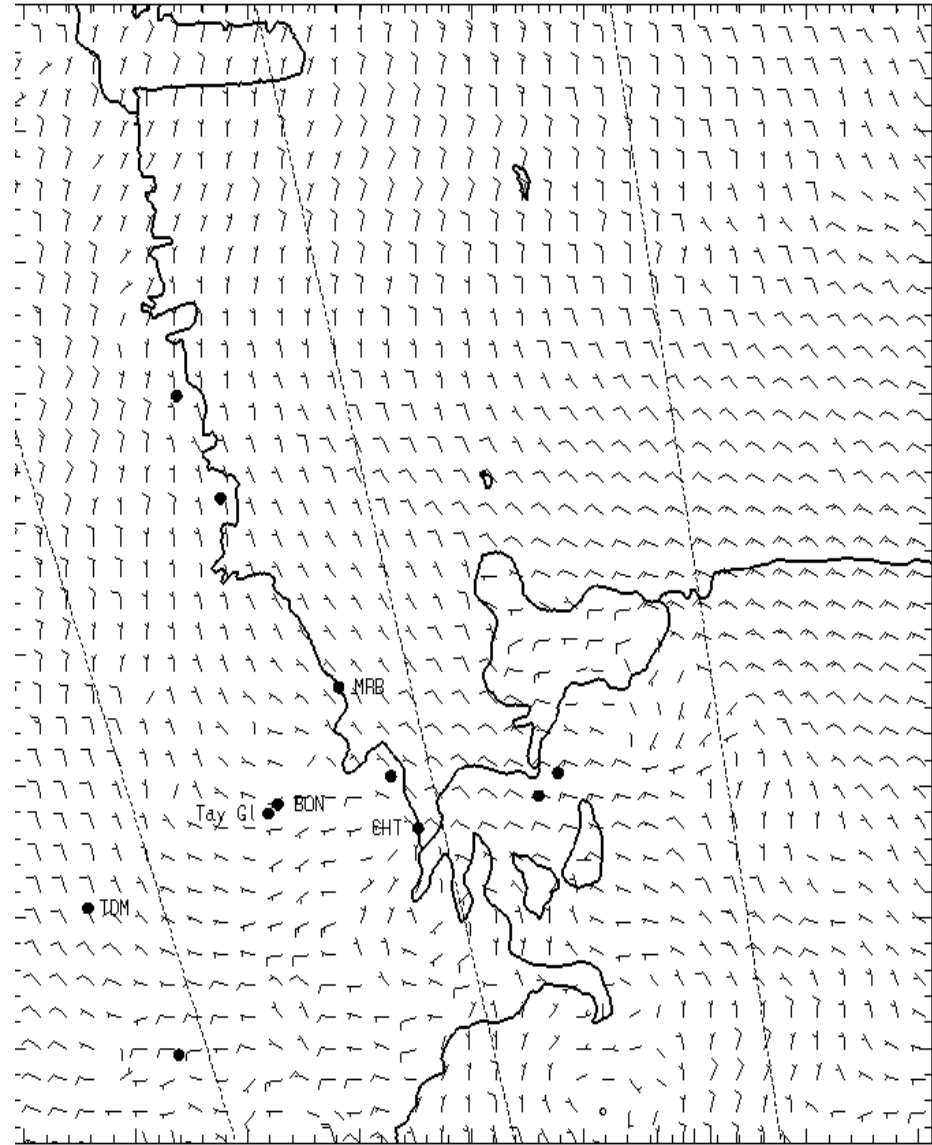


1200L

3,000 ft AGL

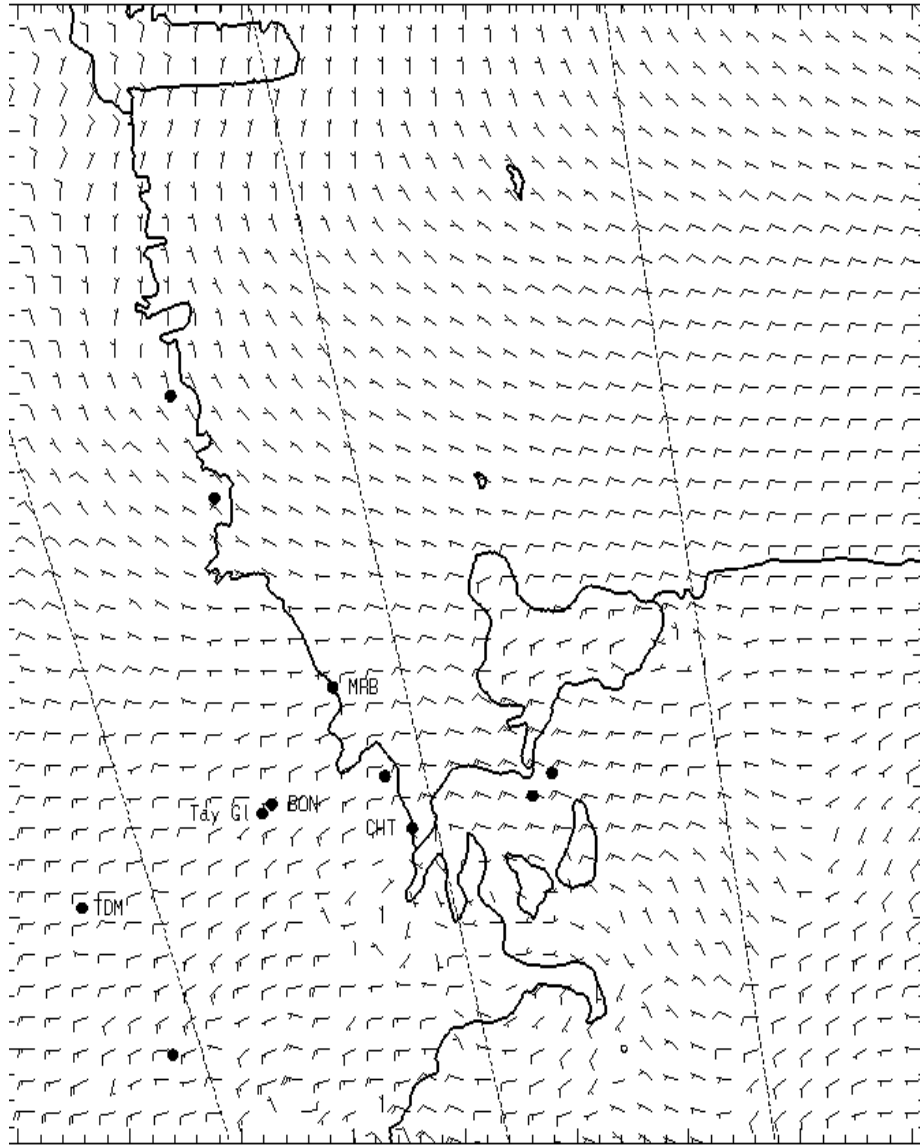


0600L

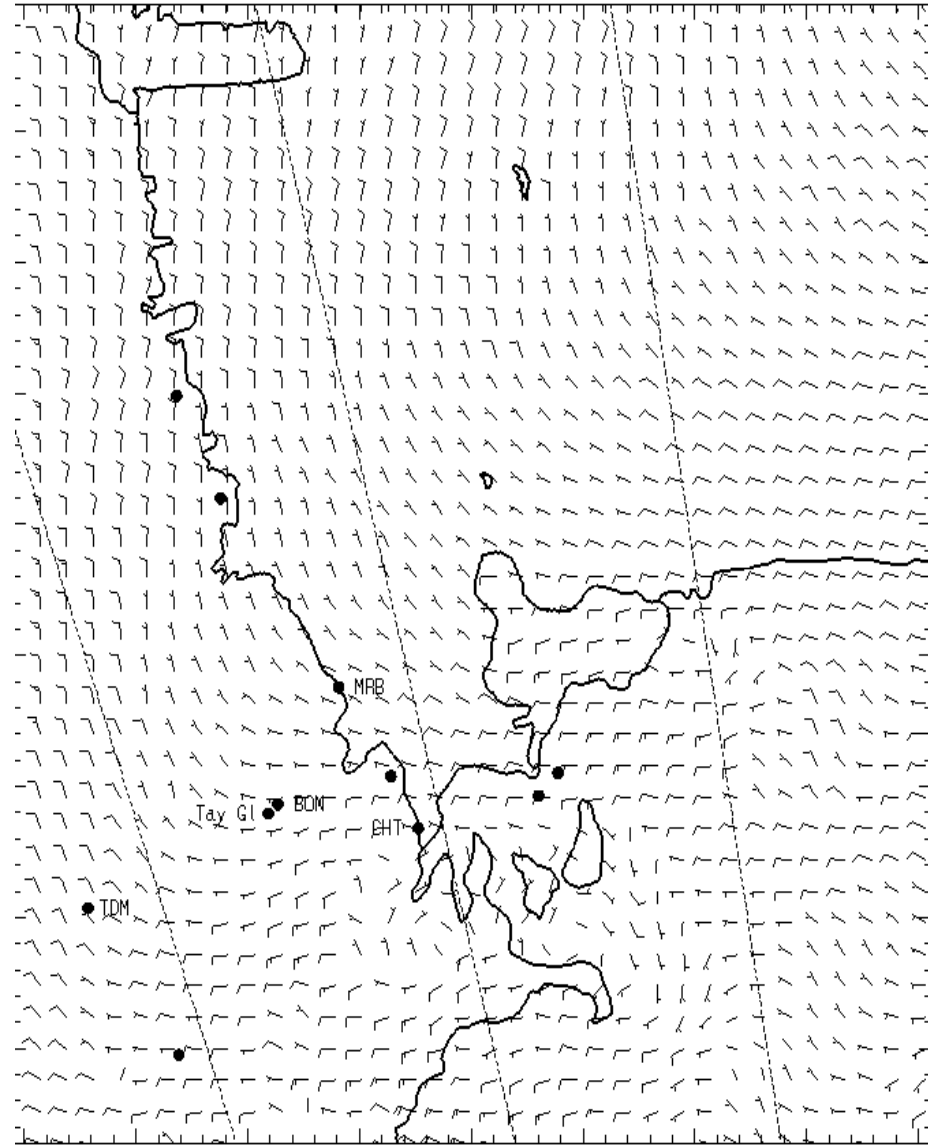


1200L

5,000 ft AGL



0600L



1200L