



Helo Weather

Charleston ROF
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Date (L): Thursday 05 December 2024

Brief Time (L): 0600L

Briefing Number: 12-006

FORECASTER: Jordan Young

REGIONAL SUMMARY

Low pressure in the Southern Ocean continues to impact operations in the Ross Island area. A trough will cross the Ross Ice Shelf and tighten the gradient against the Transantarctic Mountains causing winds to increase throughout the ice shelf.

HAZARDS

Light to severe turbulence associated with high wind speeds at the surface.

LATEST MCMURDO OBSERVATION

METAR NZCM 041555Z AUTO 09011KT 9999 OVC090 M04/M17 A2938 RMK AO2 PK WND 11027/1523 SLP954 T10441165=

RUNWAY TAFS

TAF NZFX 041456Z 0415/0515 (0504/0604NZDT) 20020G25KT 9999 DRSN FEW040 BKN080 510002 QNH2933INS GRID01020G25KT

TEMPO 0416/0420 (0505/0509) 14010G15KT 9999 GRID31010G15KT

BECMG 0422/0424 (0511/0513) 18020G30KT 8000 BLSN BKN050 BKN080 520003 QNH2920INS GRID35020G30KT

TEMPO 0502/0505 (0515/0518) 16012G20KT 9999 DRSN GRID33012G20KT

TAF NZWD 041456Z 0415/0515 (0504/0604NZDT) 16018KT 9999 DRSN FEW050 BKN080 QNH2933INS GRID33018KT

TEMPO 0416/0420 (0505/0509) 12010KT 9999 GRID29010KT

BECMG 0422/0424 (0511/0513) 17020G30KT 8000 BLSN BKN050 BKN080 520003 QNH2927INS GRID34020G30KT

BECMG 0506/0508 (0519/0521) 20015G20KT 9999 DRSN FEW020 BKN050 OVC080 QNH2920INS GRID01015G20KT

MCMURDO HELIPAD FORECAST (VALID TIME: 05/0600L - 1800L)

SFC WIND (TRUE): 12015G20KT TEMPO 10L-15L 17020G25KT

SFC VISIBILITY (M): 9999 TEMPO 10L-15L 8000 BLSN

SKY CONDITION (AGL): BKN050

MIN ALSTG: 29.29INS

HAZARDS: MDT TURBC SFC-030 10L-15L

SITE & AREA FORECASTS (VALID TIME: 05/0600L - 1800L)

SCOTT BASE

SFC WIND (TRUE): 12012G18KT TEMPO 10L-15L 17020G25KT
SFC VISIBILITY (M): 9999 TEMPO 10L-15L 8000 BLSN
SKY CONDITION (AGL): BKN050
MIN ALSTG: 29.29INS
HAZARDS: MDT TURBC SFC-030 10L-15L

CAPE EVANS

SFC WIND (TRUE): 10012KT BECMG 09025G30KT AFT 09L
SFC VISIBILITY (M): 9999 BECMG 6000 BLSN AFT 09L
SKY CONDITION (AGL): SCT080 BECMG BKN050 AFT 16L
MIN ALSTG: 29.26INS
HAZARDS: MDT OCSNL SVR TURBC SFC-030 AFT 09L

CAPE ROYDS

SFC WIND (TRUE): 10012KT BECMG 09025G30KT AFT 09L
SFC VISIBILITY (M): 9999 BECMG 6000 BLSN AFT 09L
SKY CONDITION (AGL): SCT080 BECMG BKN050 AFT 16L
MIN ALSTG: 29.26INS
HAZARDS: MDT OCSNL SVR TURBC AFT 09L

MT NEWALL

SFC WIND (TRUE): 25020KT
SFC VISIBILITY (M): 9999
SKY CONDITION (AGL): FEW080 BECMG SCT020 AFT 17L
MIN ALSTG: 28.98INS
HAZARDS: LGT OCSNL MDT TURBC SFC-030

MT CERBERUS

SFC WIND (TRUE): 27025G35KT
SFC VISIBILITY (M): 9999
SKY CONDITION (AGL): FEW050
MIN ALSTG: 28.92INS
HAZARDS: MDT OCSNL SVR TURBC SFC-050

JJ THOMPSON

SFC WIND (TRUE): 27015G25KT
SFC VISIBILITY (M): 9999
SKY CONDITION (AGL): FEW050
MIN ALSTG: 29.00INS
HAZARDS: MDT TURBC SFC-030

AWS 109 WHITE ISLAND

SFC WIND (TRUE): VRB06KT BECMG 21025G35KT AFT 09L
SFC VISIBILITY (M): 3200 BLSN
SKY CONDITION (AGL): BKN05
MIN ALSTG: 29.23INS
HAZARDS: MDT TURBC SFC-050 AFT 09L

KOENIG VALLEY

SFC WIND (TRUE): 21030G45KT
SFC VISIBILITY (M): 9999
SKY CONDITION (AGL): FEW050
MIN ALSTG: 28.99INS
HAZARDS: SVR TURBC SFC-030

NAUSEA KNOB

SFC WIND (TRUE): 18015KT
SFC VISIBILITY (M): 9999
SKY CONDITION (AGL): FEW050
MIN ALSTG: 28.49INS
HAZARDS: NIL

LOWER EREBUS HUT

SFC WIND (TRUE): VRB06KT BECMG 18025KT AFT 12L
SFC VISIBILITY (M): 9999
SKY CONDITION (AGL): BKN050
MIN ALSTG: 28.58INS
HAZARDS: MDT TURBC SFC-030 AFT 12L

BLACK ISLAND

SFC WIND (TRUE): 18030G45KT
SFC VISIBILITY (M): 3200 BLSN
SKY CONDITION (AGL): SCT060
MIN ALSTG: 29.26INS
HAZARDS: SVR TURBC SFC-050

MARBLE POINT

SFC WIND (TRUE): 18015KT BECMG 11012KT AFT 12L
SFC VISIBILITY (M): 9999
SKY CONDITION (AGL): FEW060 BECMG BKN060 AFT16L
MIN ALSTG: 29.31INS
HAZARDS: NIL

LAKE BONNEY

SFC WIND (TRUE): 26020KT
SFC VISIBILITY (M): 9999
SKY CONDITION (AGL): FEW060 BECMG BKN060 AFT16L
MIN ALSTG: 29.29INS
HAZARDS: LGT TURBC SFC-030

LAKE FRYXELL

SFC WIND (TRUE): 26020KT
SFC VISIBILITY (M): 9999
SKY CONDITION (AGL): FEW060 BECMG BKN060 AFT16L
MIN ALSTG: 29.29INS
HAZARDS: LGT TURBC SFC-030

SGIP SITE #1

SFC WIND (TRUE): 21020G35KT
SFC VISIBILITY (M): 9999
SKY CONDITION (AGL): BKN070
MIN ALSTG: 29.18INS
HAZARDS: MDT OCSNL SVR TURBC SFC-050

SGIP SITE #2

SFC WIND (TRUE): 21020G35KT
SFC VISIBILITY (M): 9999
SKY CONDITION (AGL): BKN070
MIN ALSTG: 29.18INS
HAZARDS: MDT OCSNL SVR TURBC SFC-050

SGIP SITE #3

SFC WIND (TRUE): 21020G35KT
SFC VISIBILITY (M): 9999
SKY CONDITION (AGL): BKN070
MIN ALSTG: 29.18INS
HAZARDS: MDT OCSNL SVR TURBC SFC-050

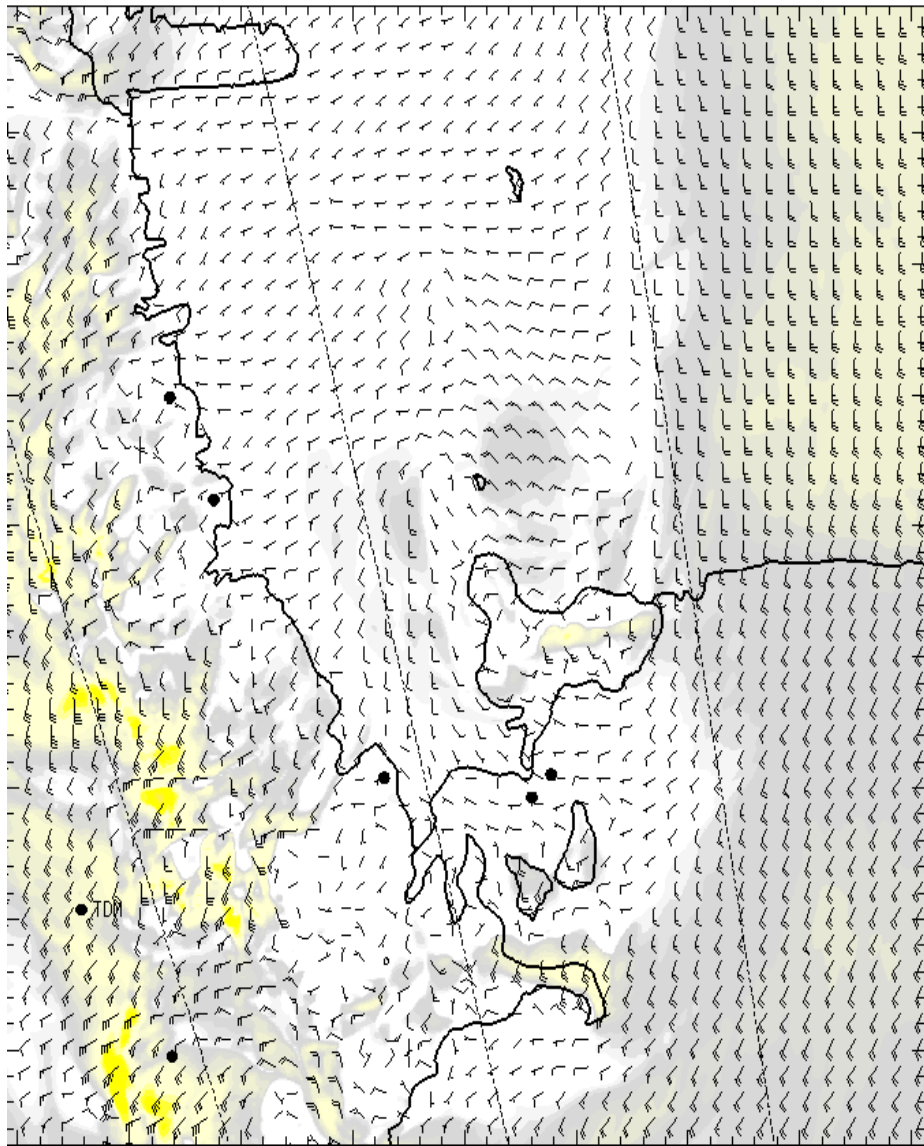
SGIP SITE #4

SFC WIND (TRUE): 21020G35KT
SFC VISIBILITY (M): 9999
SKY CONDITION (AGL): BKN070
MIN ALSTG: 29.18INS
HAZARDS: MDT OCSNL SVR TURBC SFC-050

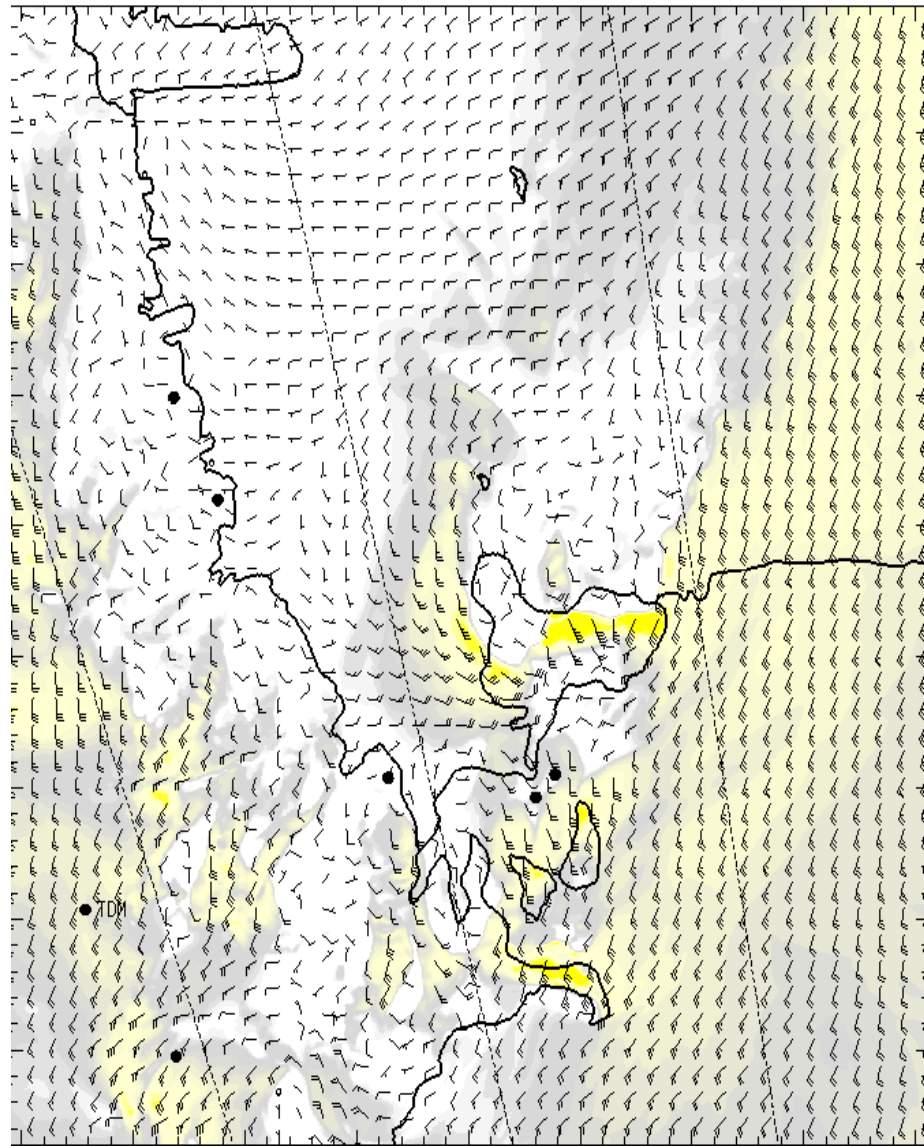
NIGHT SITE & AREA FORECASTS (VALID TIME: 05/1800L – 06/0600L)

NIL

SFC

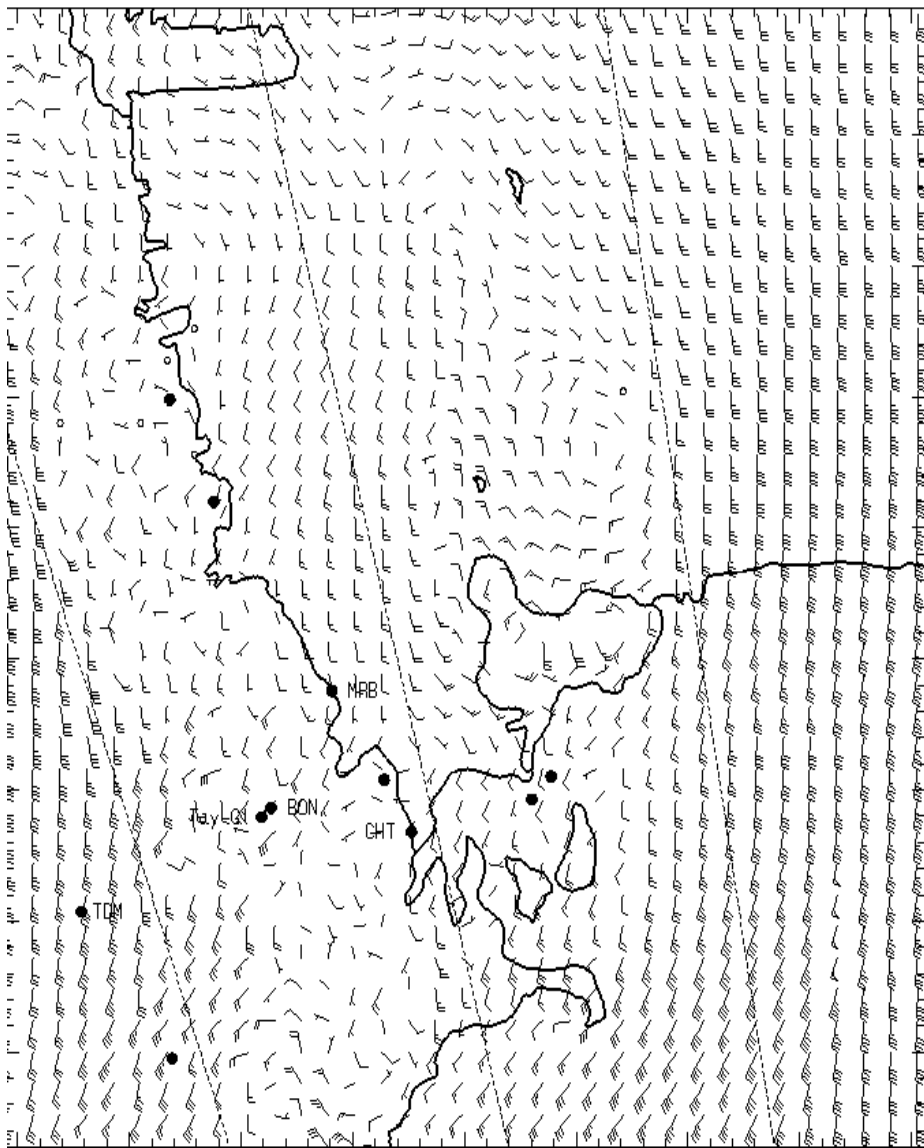


0700L

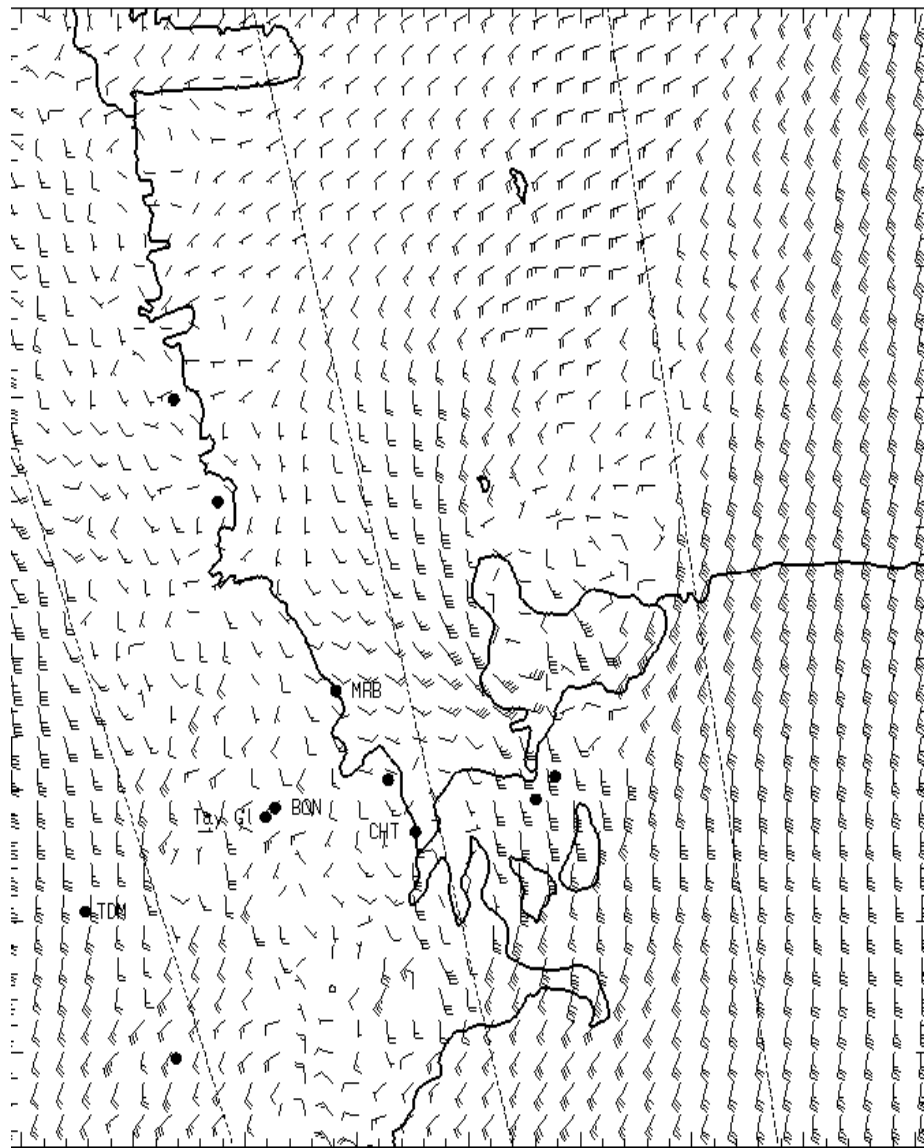


1300L

1,000 ft AGL

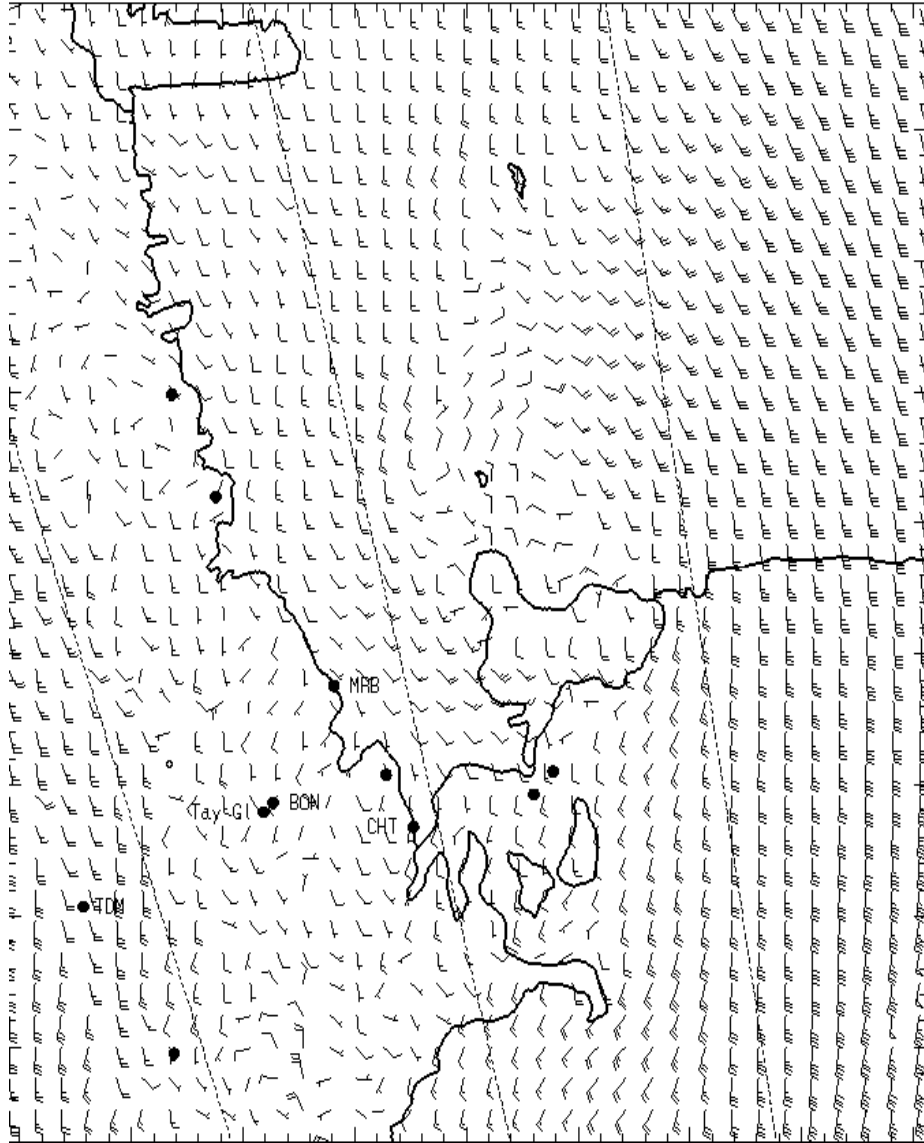


0700L

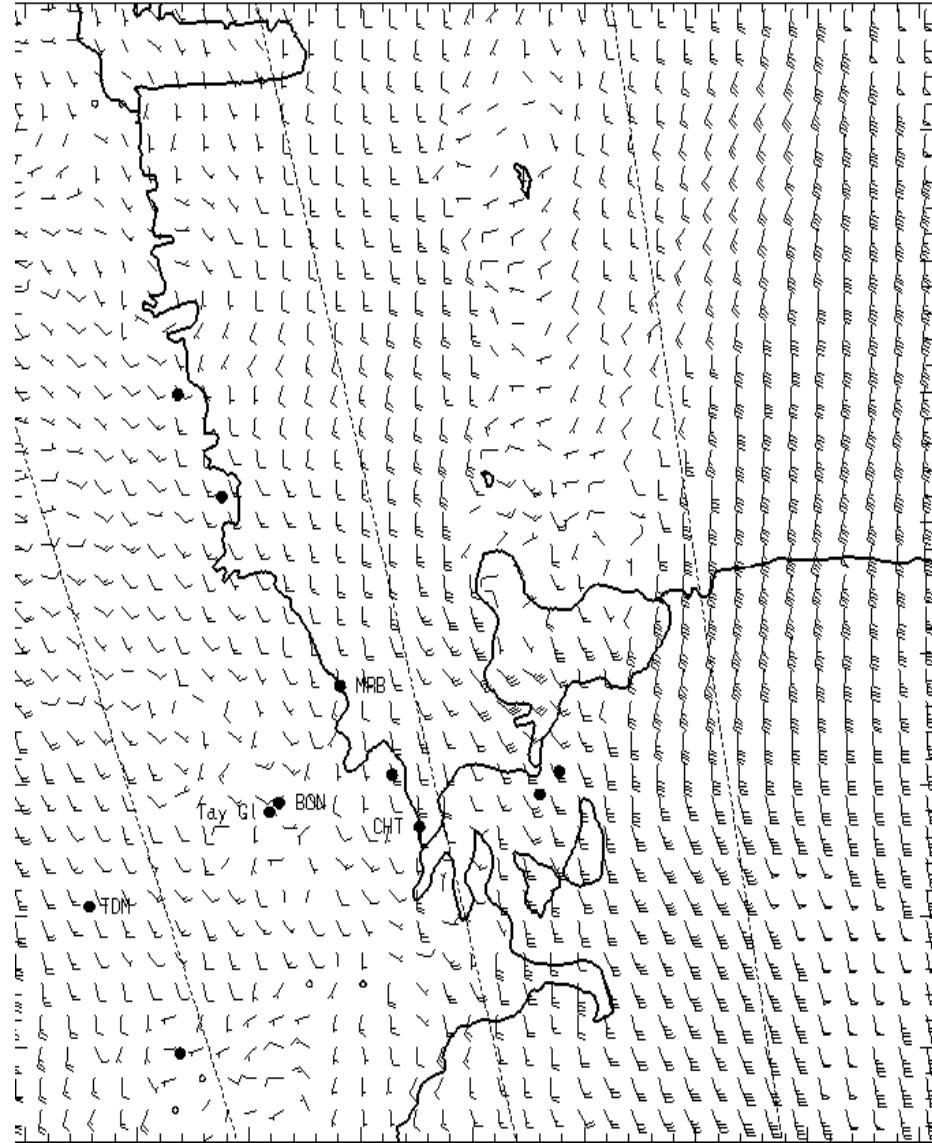


1300L

3,000 ft AGL

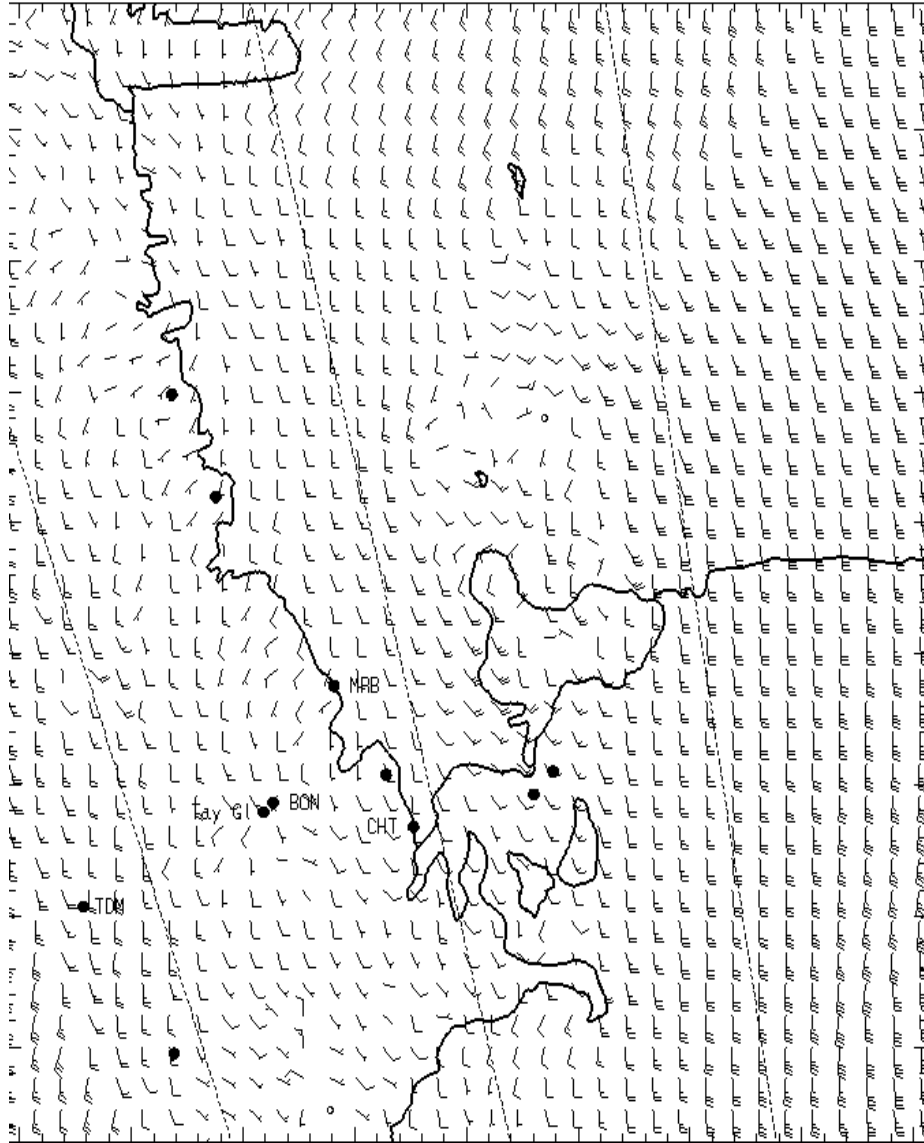


0700L

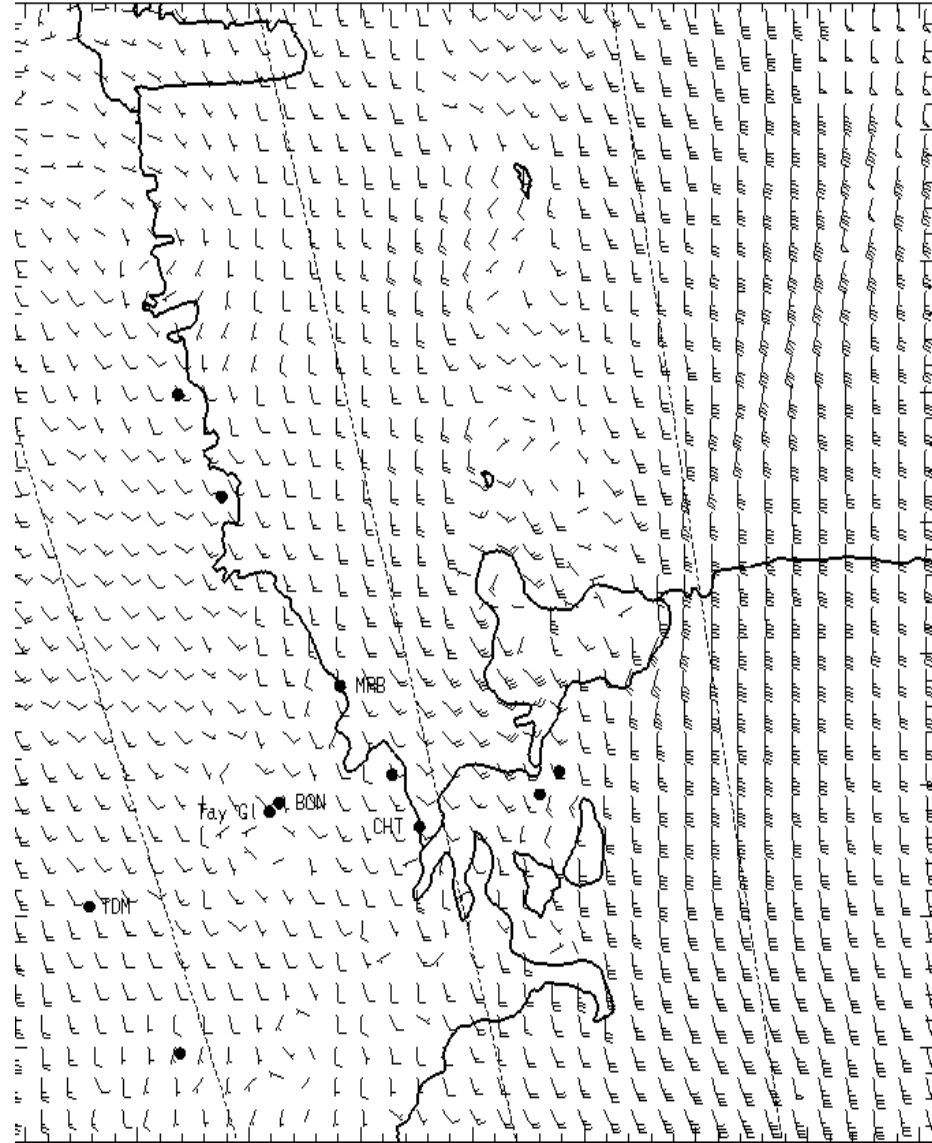


1300L

5,000 ft AGL



0700L



1300L