



Helo Weather

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Date (L): Thu 16 December 2021

Brief Time (L): 0600

Briefing Number: 12-014

FCSTR: Paul Gulli

REGIONAL SUMMARY

For several days now, low pressure over the eastern Ross Sea has kept a tight pressure gradient across the Ross Ice Shelf, and today is no different. Strong southeast/southerly winds are expected over the entire region again today.

HAZARDS

Moderate Turbulence is expected at all locations today due to strong winds associated with the low and/or strong katabatic flow through the Dry Valleys.

LATEST MCMURDO OBSERVATION

METAR NZCM 151555Z AUTO 10011G21KT 9999 SKC 00/M09 A2908 RMK AO2 SLP852 T10031089 \$=

RUNWAY TAFS

TAF NZFX 151457Z 1515/1615 (1604/1704NZDT) 15012KT 9999 SCT060 BKN100 BKN150 QNH2908INS GRID32012KT
BECMG 1517/1519 (1606/1608) 17018G32KT 9999 DRSN SCT060 BKN100 BKN150 510003 QNH2905INS
GRID34018G32KT
BECMG 1519/1521 (1608/1610) 18025G45KT 6000 BLSN BKN100 BKN150 520003 QNH2903INS GRID35025G45KT

TAF NZWD 151457Z 1515/1615 (1604/1704NZDT) VRB06KT 9999 SCT060 BKN100 BKN150 QNH2908INS
BECMG 1517/1519 (1606/1608) 17015G30KT 9999 DRSN SCT060 BKN100 BKN150 510003 QNH2905INS
GRID34015G30KT
BECMG 1519/1521 (1608/1610) 18025G42KT 6000 BLSN BKN100 BKN150 520003 QNH2904INS GRID35025G42KT
BECMG 1606/1608 (1619/1621) 17015G30KT 9999 DRSN BKN100 BKN150 510003 QNH2907INS GRID34015G30KT

MCMURDO HELIPAD FORECAST (VALID TIME: 16/0600L - 1800L)

SFC WIND (TRUE): 17020G30KT

SFC VISIBILITY (SM): UNRES, OCNL 4 BLSN

SKY CONDITION (AGL): SCT060 BKN100

MIN ALSTG: 28.97INS

HAZARDS: MOD TURBC SFC-100

SITE & AREA FORECASTS (VALID TIME: 16/0600L - 1800L)

CP ROYDS

SFC WIND (TRUE): 18025G40KT

SFC VISIBILITY (SM): UNRES, OCNL 4 BLSN

SKY CONDITION (AGL): SCT060 BKN100

MIN ALSTG: 29.00INS

HAZARDS: MOD TURBC SFC-100

CP CROZIER

SFC WIND (TRUE): 22040G55KT

SFC VISIBILITY (SM): UNRES, OCNL 2 BLSN

SKY CONDITION (AGL): SCT060 BKN100

MIN ALSTG: 28.97INS

HAZARDS: MOD-SVR TURBC SFC-100

SCOTT BASE

SFC WIND (TRUE): 18018G28KT

SFC VISIBILITY (SM): UNRES, OCNL 4 BLSN

SKY CONDITION (AGL): SCT060 BKN100

MIN ALSTG: 29.00INS

HAZARDS: MOD TURBC SFC-100

TAYLOR VALLEY

SFC WIND (TRUE): 24020G30KT

SFC VISIBILITY (SM): UNRES

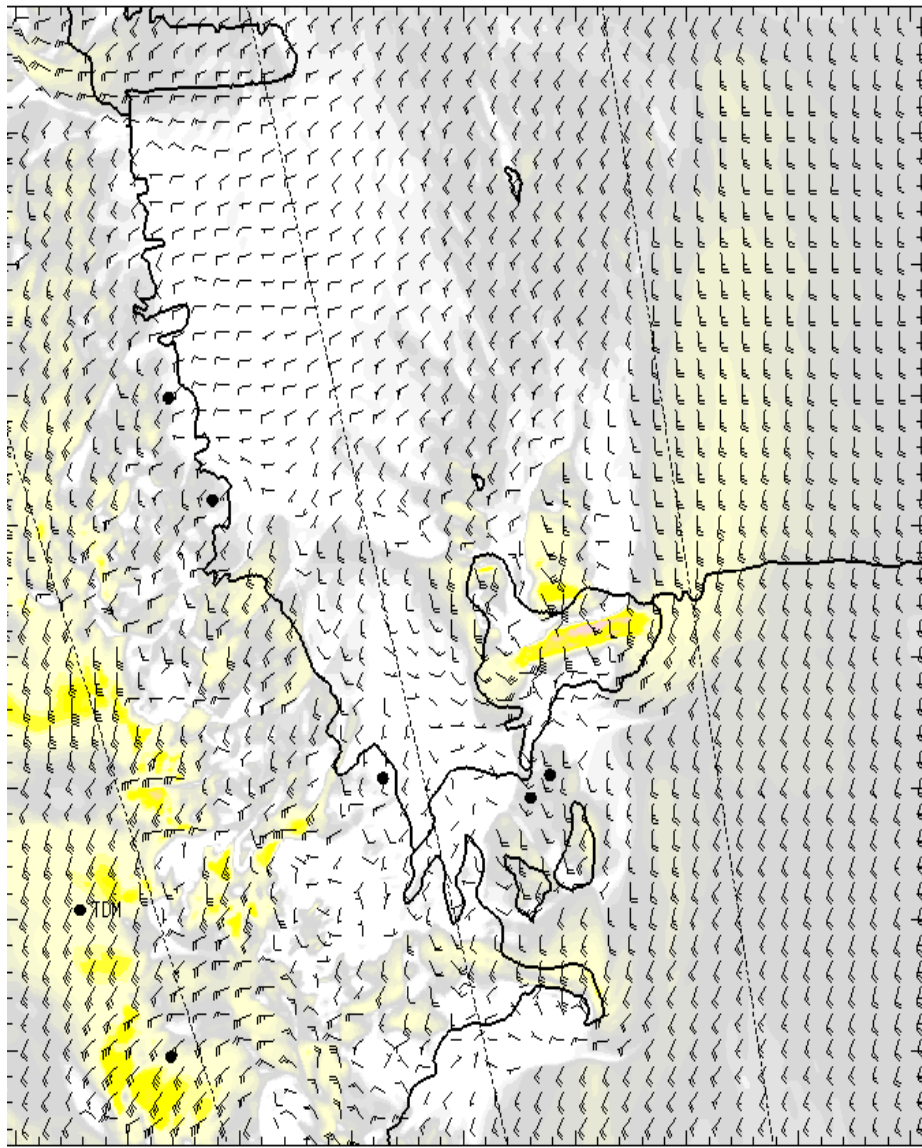
SKY CONDITION (AGL): SCT060 BKN100

MIN ALSTG: 28.98INS

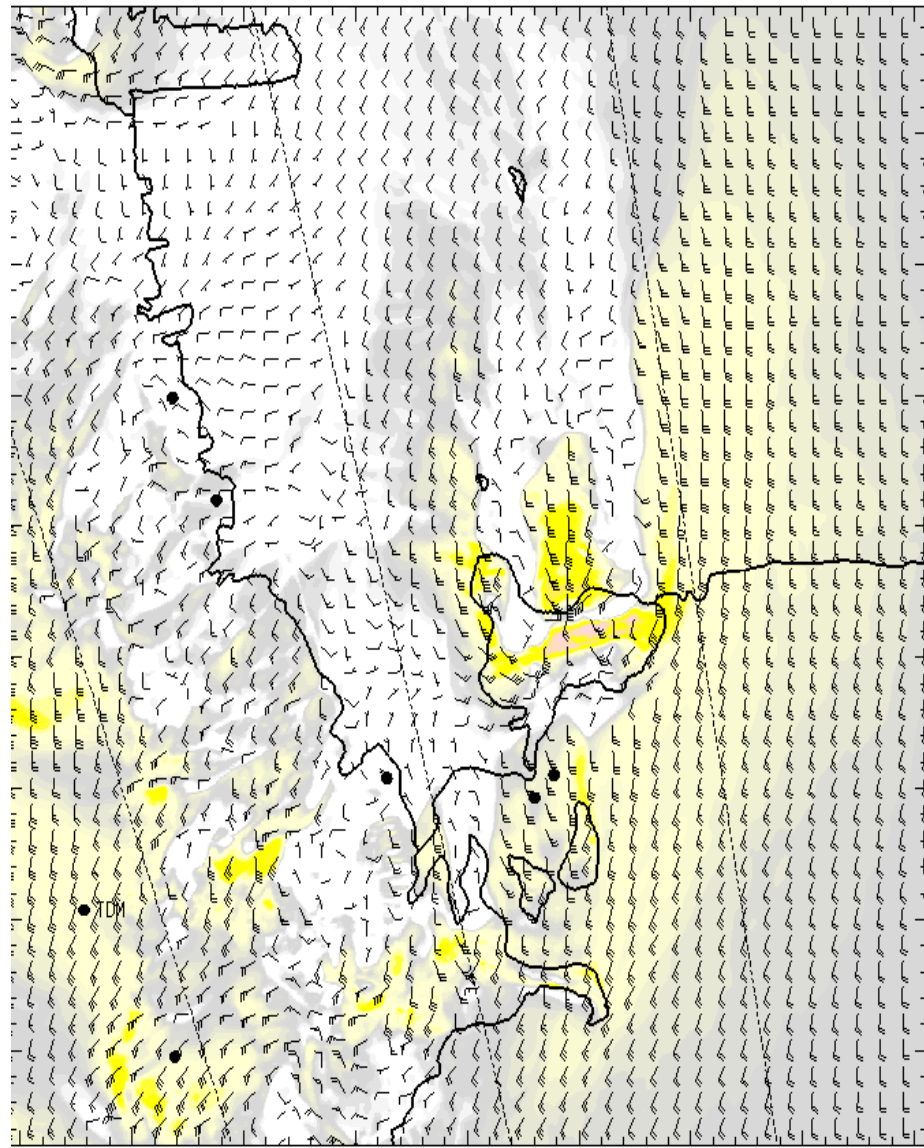
HAZARDS: MOD TURBC SFC-040

NIGHT AREA OUTLOOKS (VALID TIME: 16/1800L - 17/0600L)

SFC

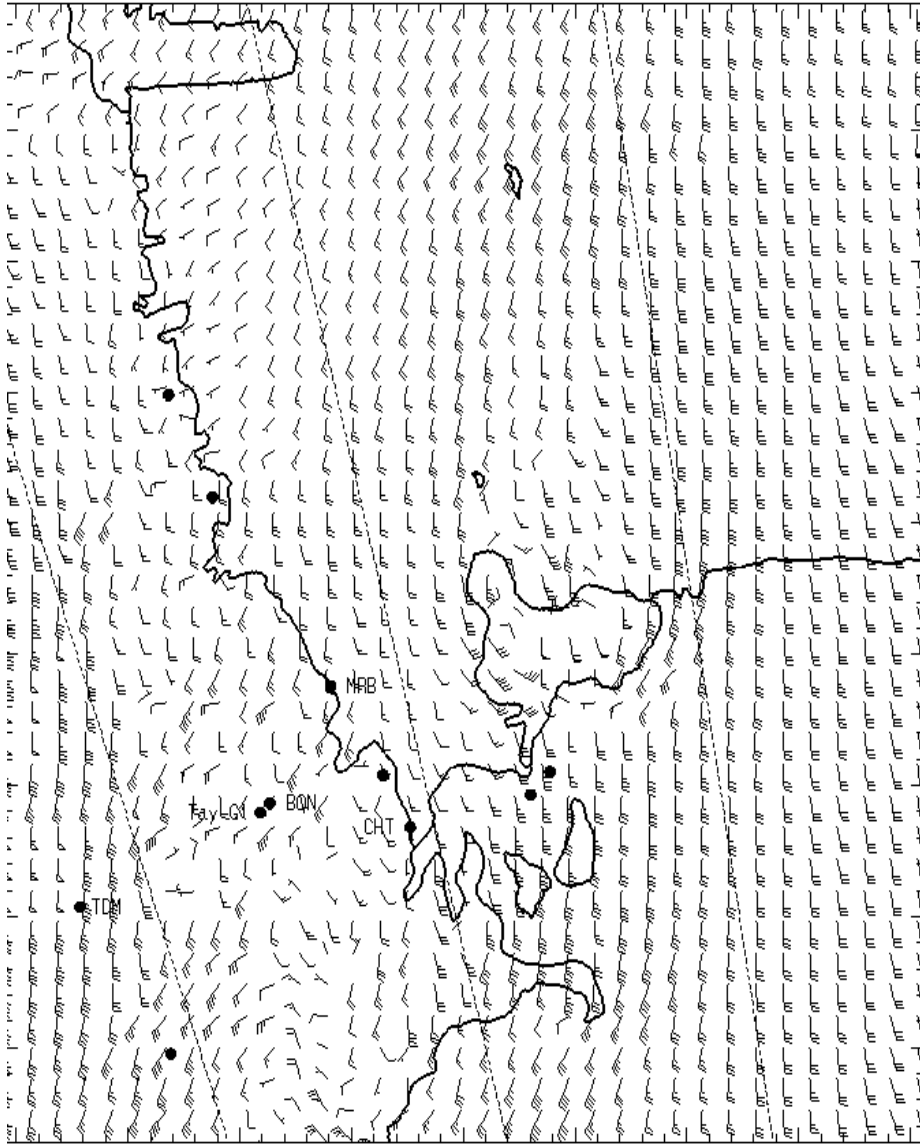


0700L

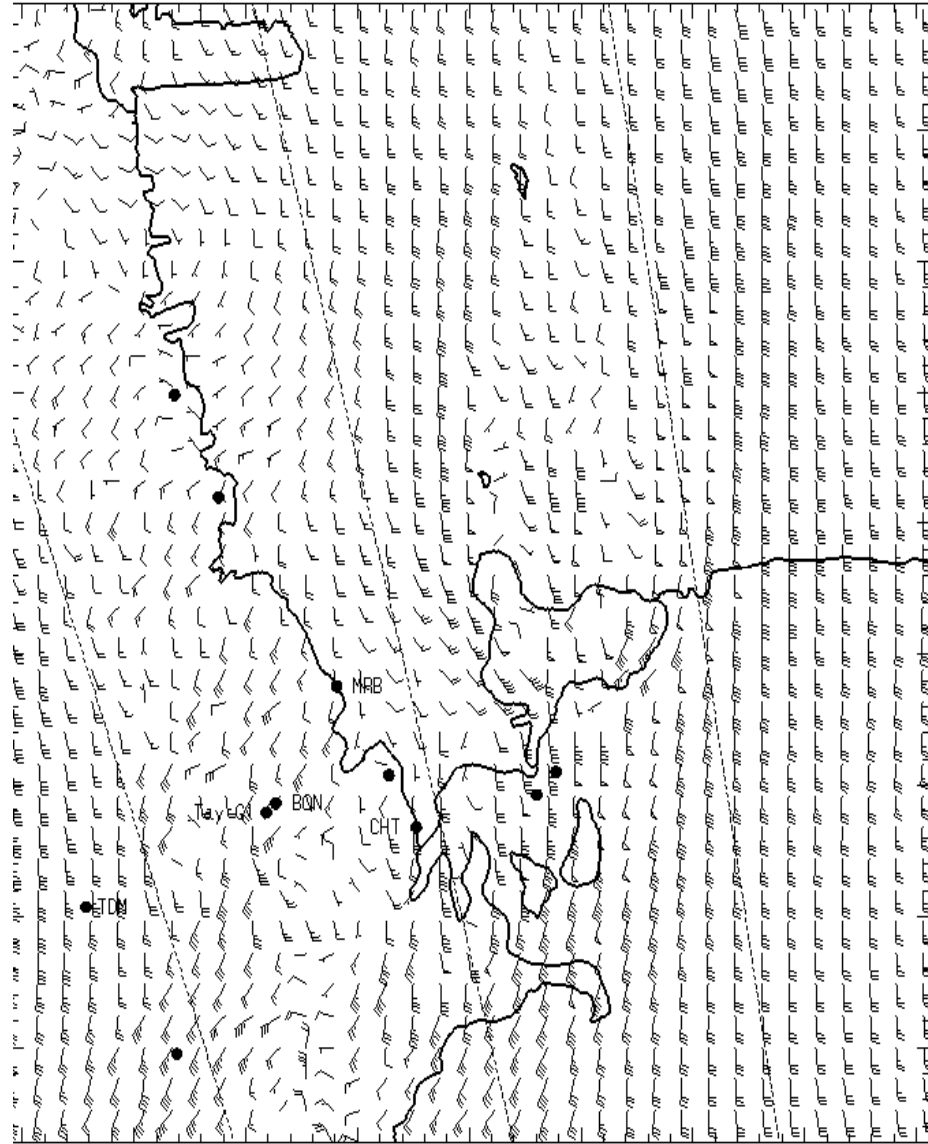


1300L

1,000 ft AGL

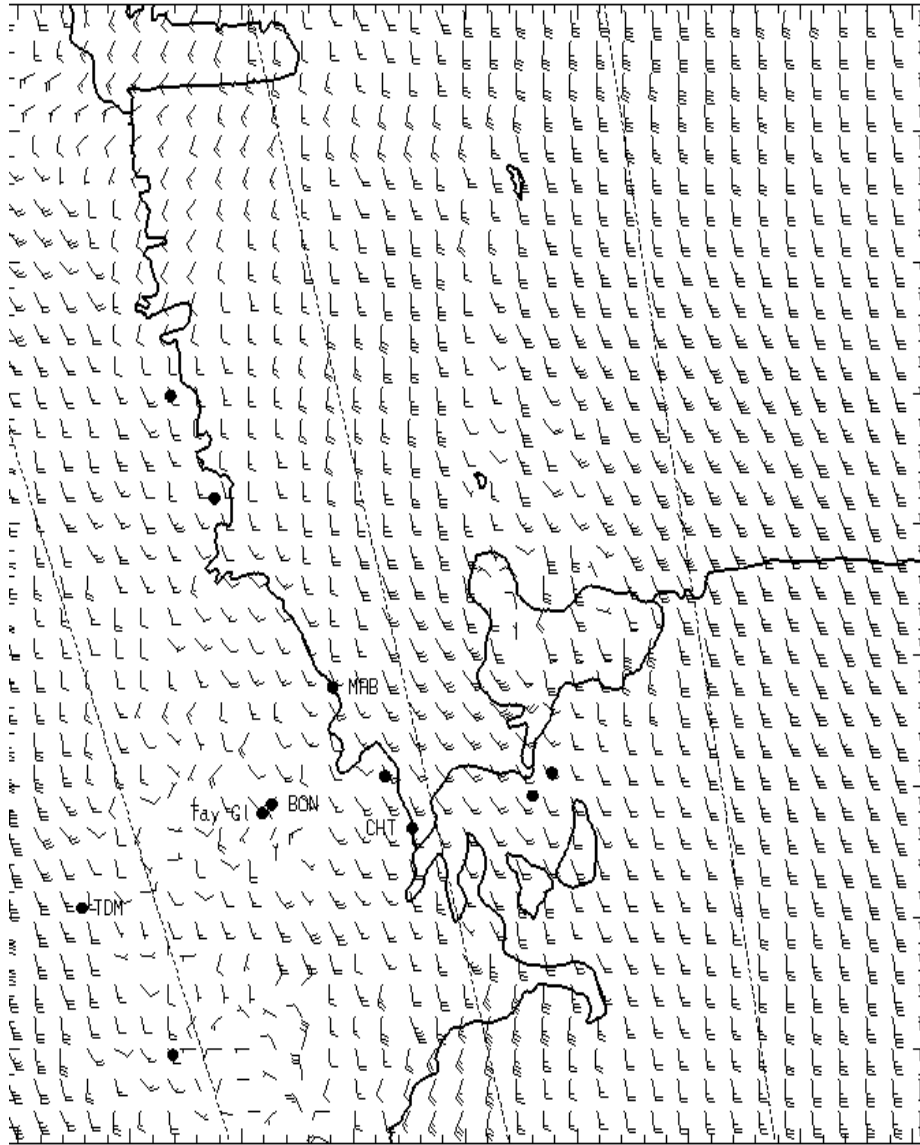


0700L

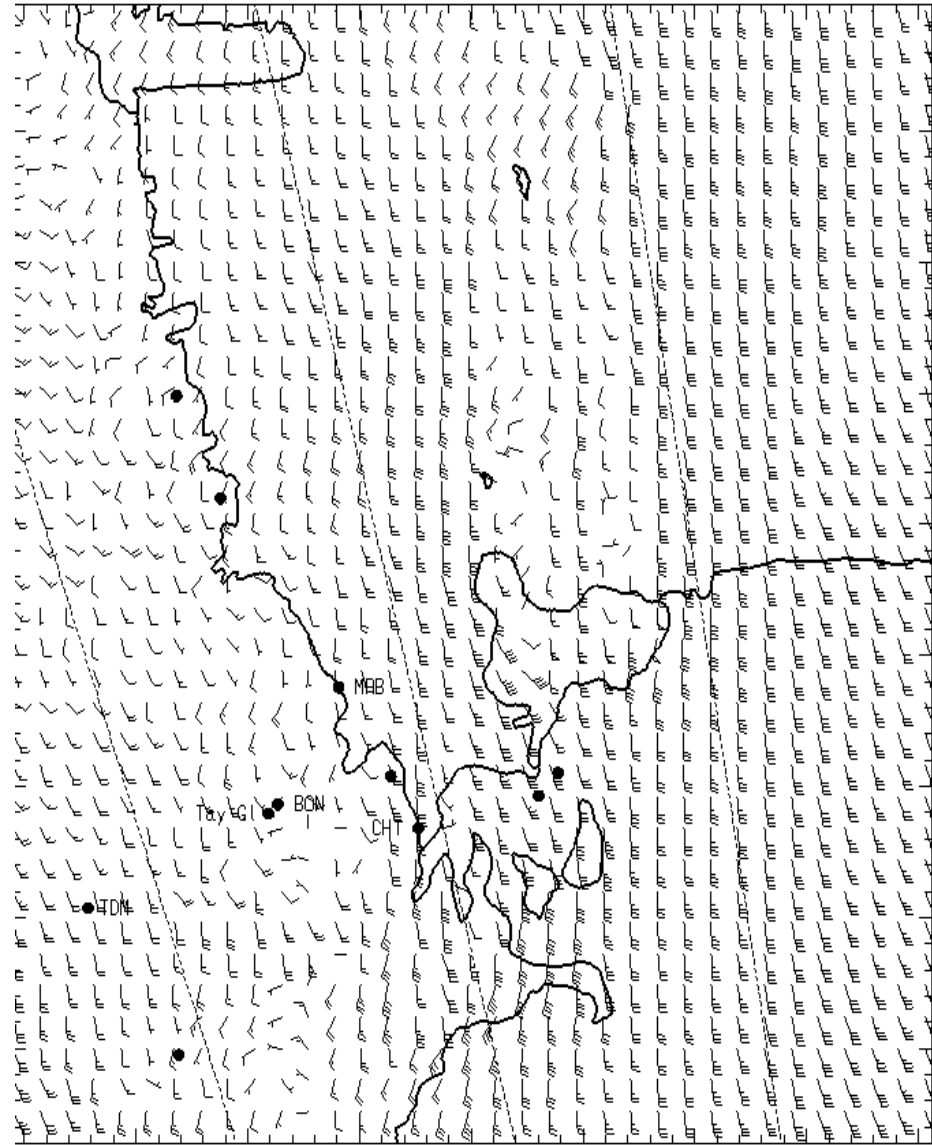


1300L

3,000 ft AGL

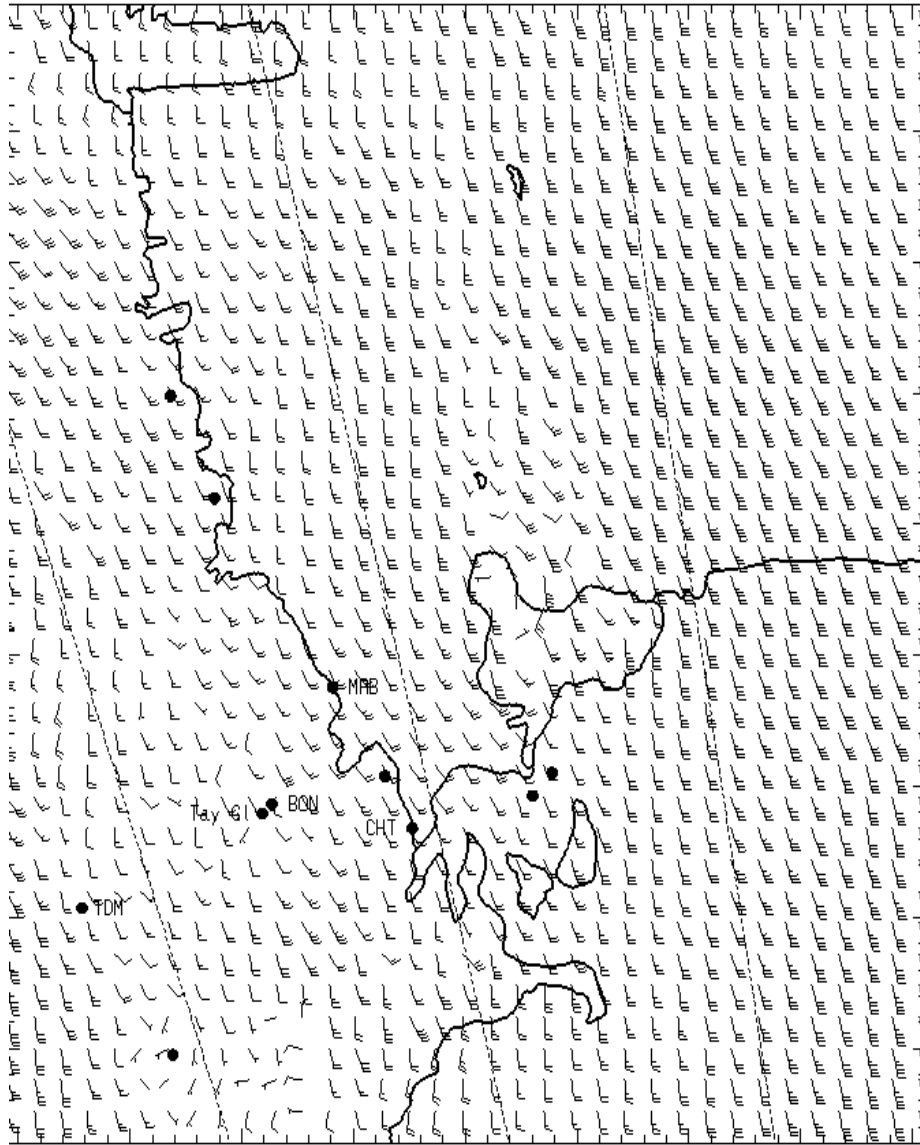


0700L

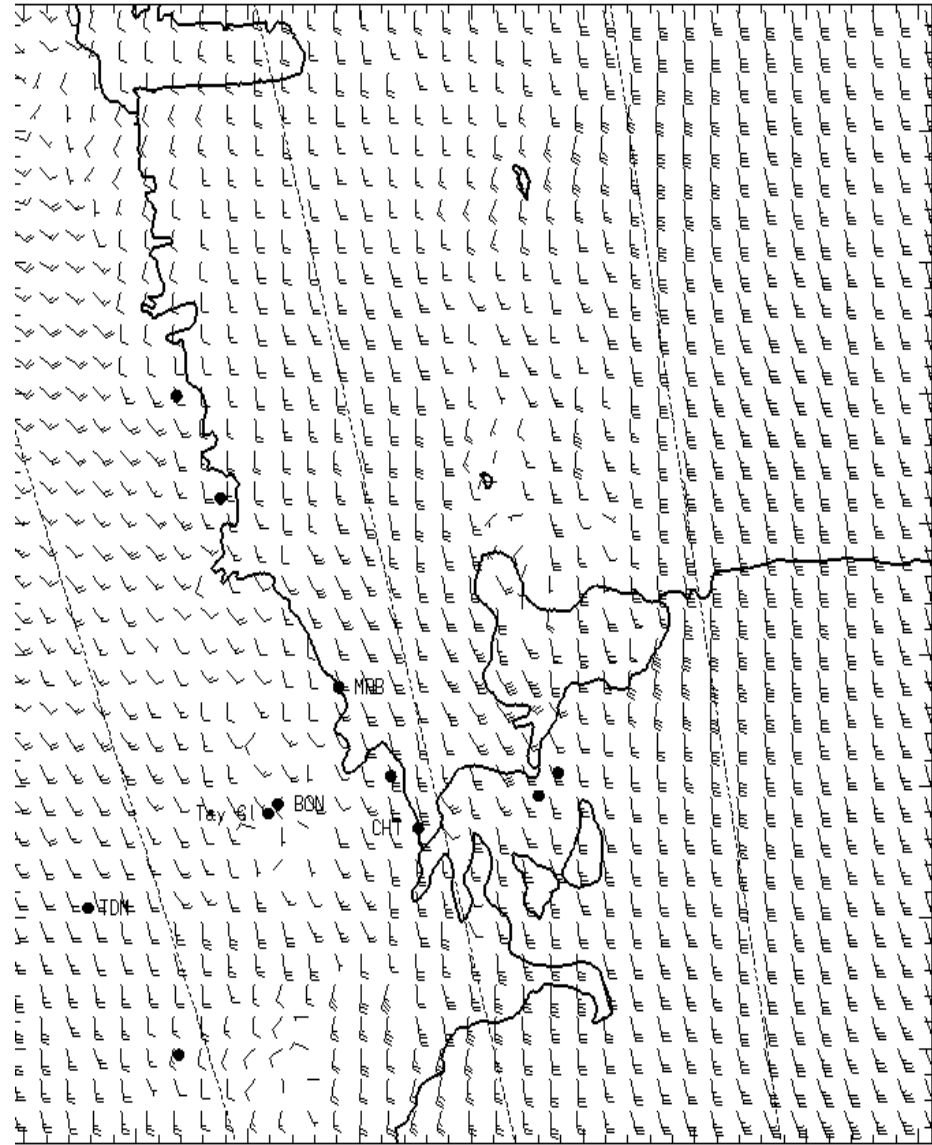


1300L

5,000 ft AGL



0700L



1300L