



Helo Weather

Charleston ROF
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Date (Z): 18 FEB 2026 L

Brief Time (Z): 0600L

Briefing Number: 02-018

FORECASTER: Kaitlyn Payne

REGIONAL SUMMARY

LOW PRESSURE SYSTEM LOCATED ON THE UPPER EASTERN EDGE OF THE ROSS ICE SHELF WILL CONTINUE TO PUSH TO THE EAST, LOOSENING UP THE PRESSURE GRADIENT AROUND THE ROSS ISLAND AREA. MOSTLY MID-LEVEL CLOUDS EXPECTED TO LINGER THOROUGH THE DAY IN THE REGION, WITH LOWER CLOUDS REMAINING MOSTLY TO THE TRUE EAST OF ROSS ISLAND.

HAZARDS

LGT TURBC THROUGH DRY VALLEYS WITH MDT TURBC POSSIBLE AROUND TERRAIN. MDT RIME ICING POSSIBLE IN AREAS WITH LINGERING LOW CLOUDS. LOW VISIBILITY POSSIBLE IN PLACES WITH SNOW AND BLOWING SNOW.

LATEST MCMURDO OBSERVATION (AUTO OBS)

METAR NZCM 171655Z AUTO 10007KT 9999 OVC070 M05/M14 A2898 RMK AO2 SLP818 T10521141=

RUNWAY TAFS

TAF NZFX 171457Z 1715/1815 (1804/1904NZDT) 12013KT 9999 DRSN FEW005 BKN040 BKN070 520005 QNH2893INS
GRID29013KT

TEMPO 1715/1717 (1804/1806NZDT) 21020G30KT 1600 BLSN GRID02020G30KT

BECMG 1717/1719 (1806/1808NZDT) 07009KT 9999 FEW010 SCT020 BKN090 QNH2900INS GRID24009KT

TAF NZWD 171457Z 1715/1815 (1804/1904NZDT) 10010KT 9999 DRSN FEW005 BKN050 520005 QNH2891INS
GRID27010KT

TEMPO 1715/1717 (1804/1806NZDT) 16018KT 3200 BLSN GRID33018KT

BECMG 1715/1717 (1804/1806NZDT) 08009KT 9999 FEW010 SCT020 BKN090 QNH2895INS GRID25009KT

MCMURDO HELIPAD FORECAST (VALID TIME: 18/0600L - 1800L)

SFC WIND (TRUE): 08010KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT020 BKN090

MIN ALSTG: 28.99INS

HAZARDS: LGT TURBC SFC-100

SITE & AREA FORECASTS (VALID TIME: 18/0600L - 1800L)

MT TERROR

SFC WIND (TRUE): 18025G35KT

SFC VISIBILITY (SM): 0100 -SN BLSN FZFG

SKY CONDITION (AGL): VV002

MIN ALSTG: 28.20INS

HAZARDS: MDT RIME ICING SFC-020, MDT TURBC SFC-030

BLACK ISLAND

SFC WIND (TRUE): 19025G35KT BECMG VRB06KT AFT 07L

SFC VISIBILITY (SM): 0200 BLSN BECMG UNRES AFT 07L

SKY CONDITION (AGL): VV002 BECMG SCT010 BKN080 AFT 07L

MIN ALSTG: 28.94INS

HAZARDS: MOD TURBC SFC-100 BECMG LGT OCNL MOD TURBC SFC-100 AFT 07L

MARBLE POINT

SFC WIND (TRUE): 24012KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT020 BKN080

MIN ALSTG: 28.99INS

HAZARDS: NIL

NEW HARBOR

SFC WIND (TRUE): 25015KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): BKN060 BKN090

MIN ALSTG: 28.95INS

HAZARDS: LGT TURBC SFC-070

LAKE HOARE

SFC WIND (TRUE): 21006KT BECMG 23015G20KT AFT 13L

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT060 BKN090

MIN ALSTG: 28.95INS

HAZARDS: LGT TURBC SFC-070

F6

SFC WIND (TRUE): 25006KT BECMG 26015G20KT AFT 14L

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT060 BKN090

MIN ALSTG: 29.00INS

HAZARDS: LGT TURBC SFC-070

LAKE FRYXELL

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT060 BKN090

MIN ALSTG: 29.00INS

HAZARDS: NIL

LAKE BONNEY

SFC WIND (TRUE): 20015G20KT BECMG 23025G30 AFT 15L

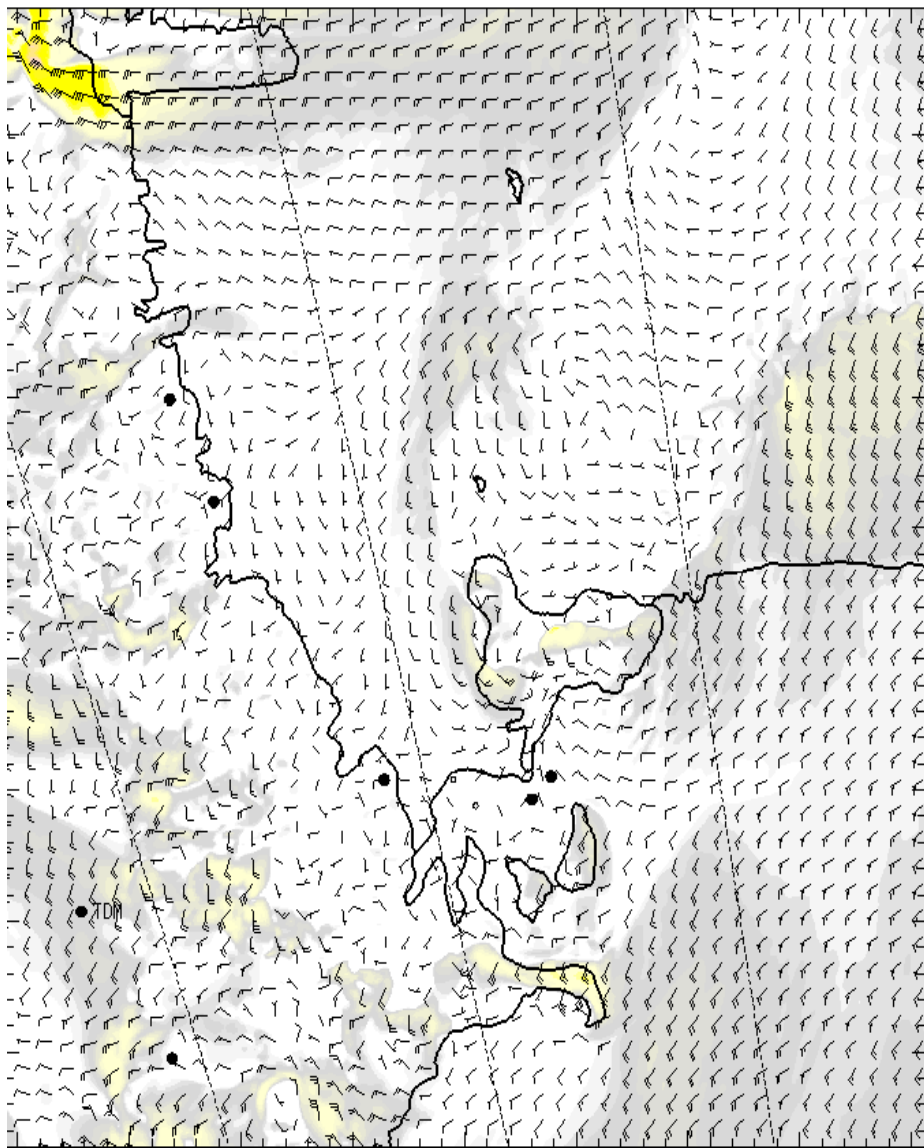
SFC VISIBILITY (SM): UNRES

SKY CONDITION (AGL): SCT060 BKN090

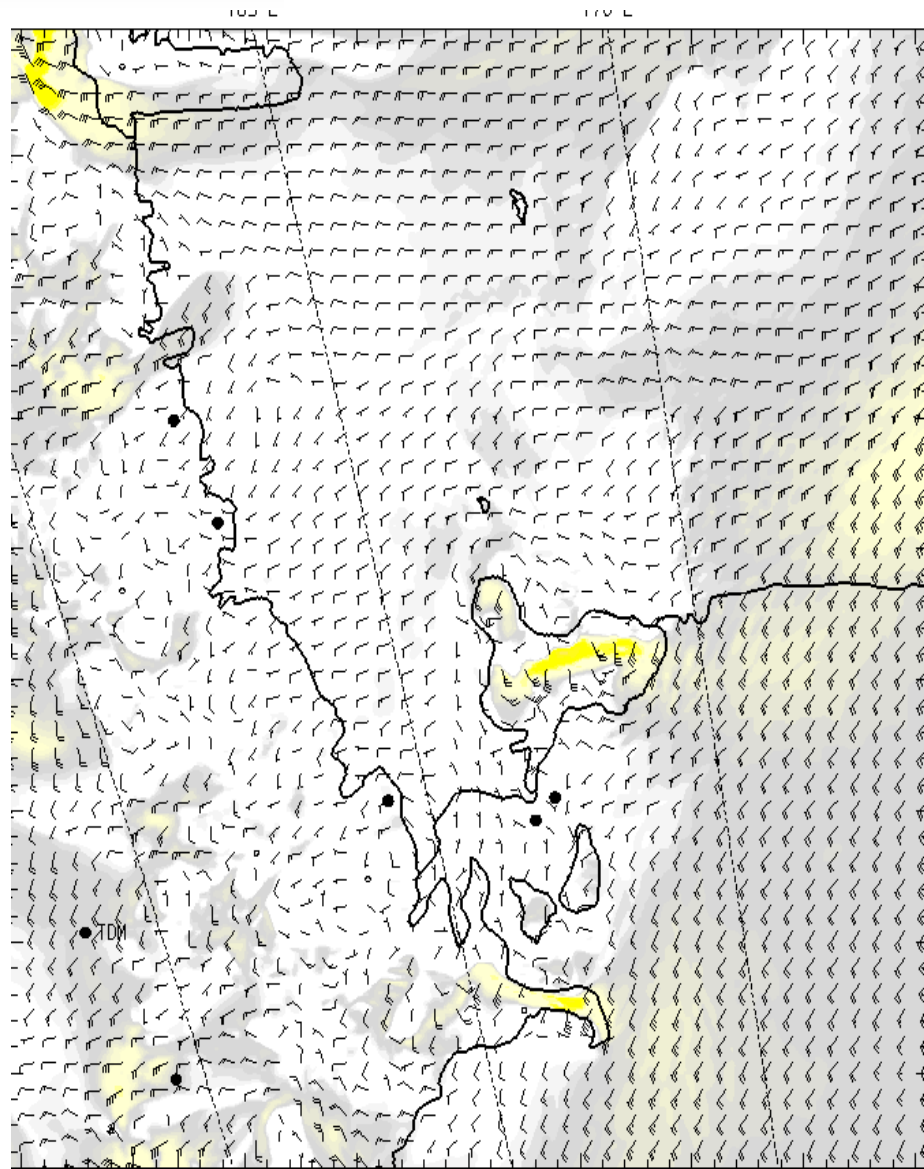
MIN ALSTG: 28.94INS

HAZARDS: LGT TURBC SFC-070

SFC

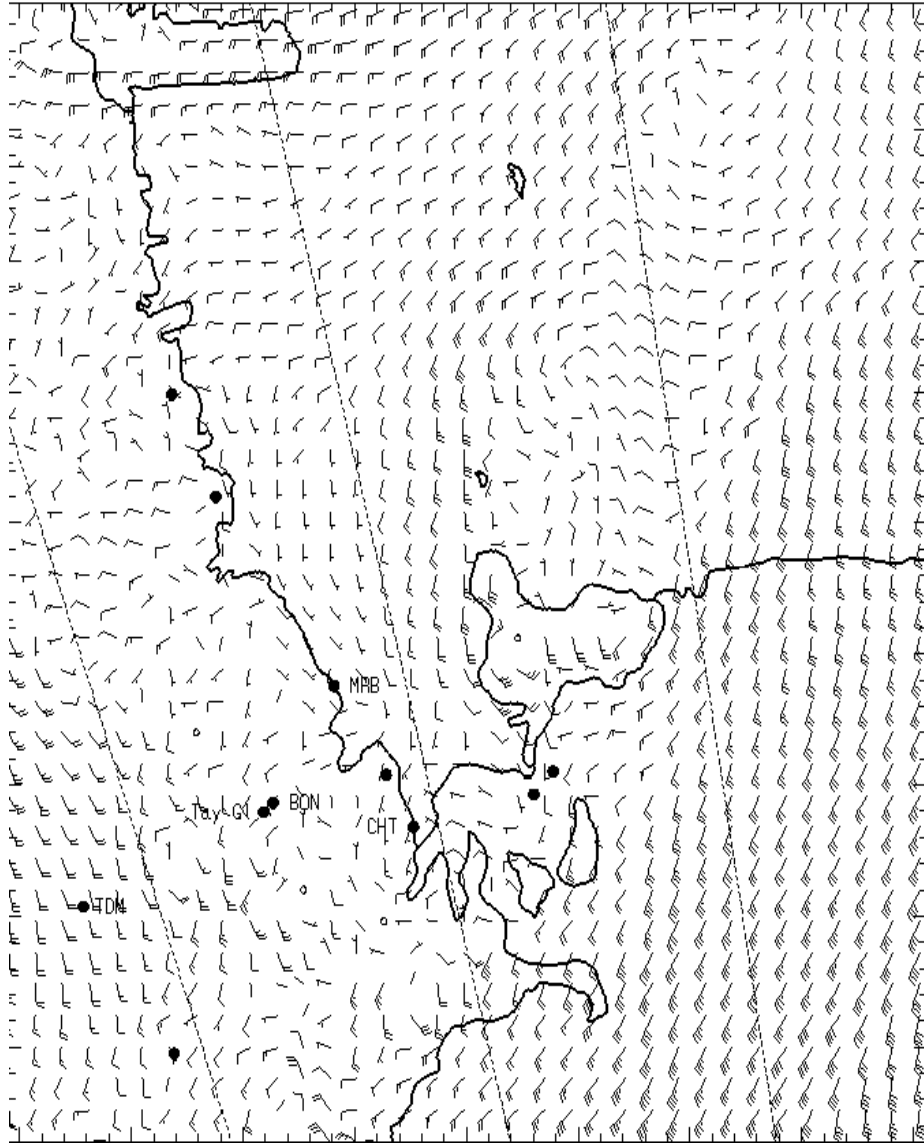


0600L

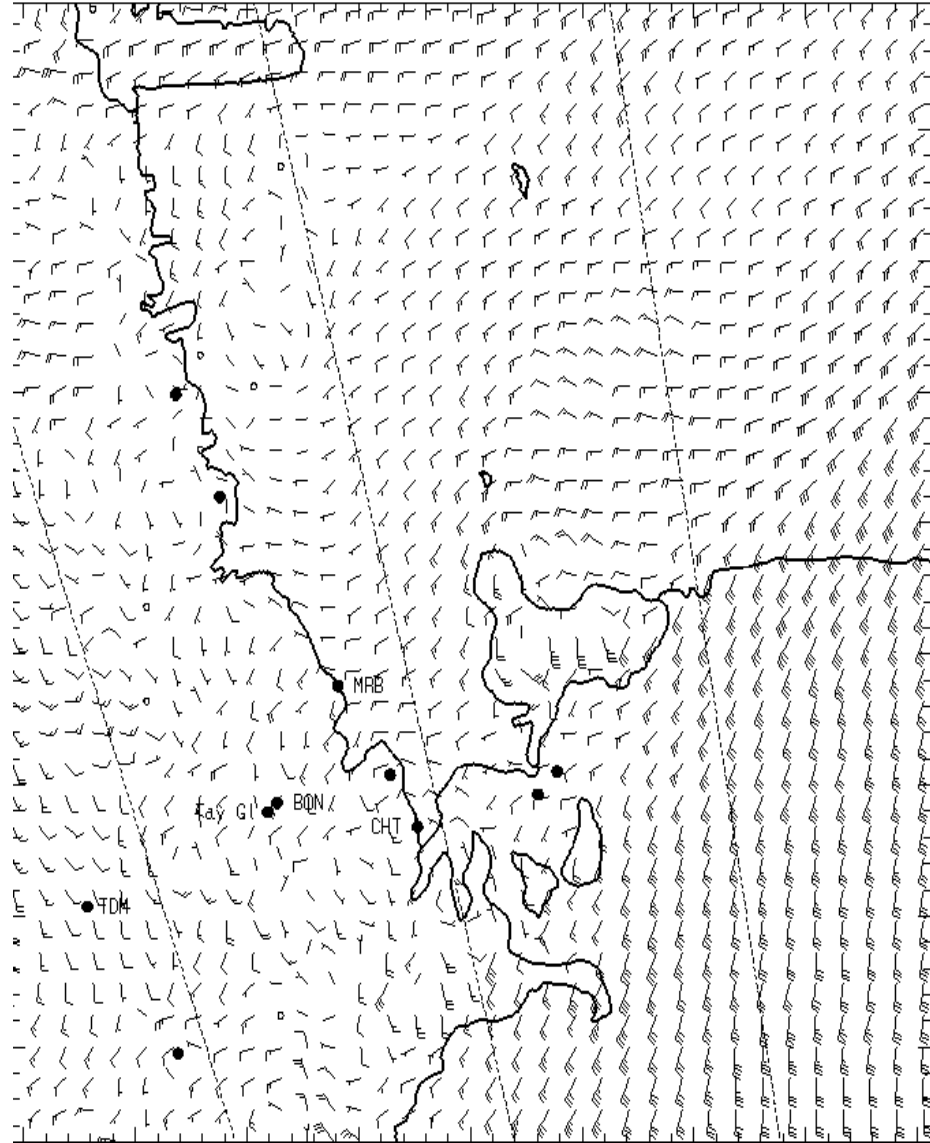


1200L

1,000 ft AGL

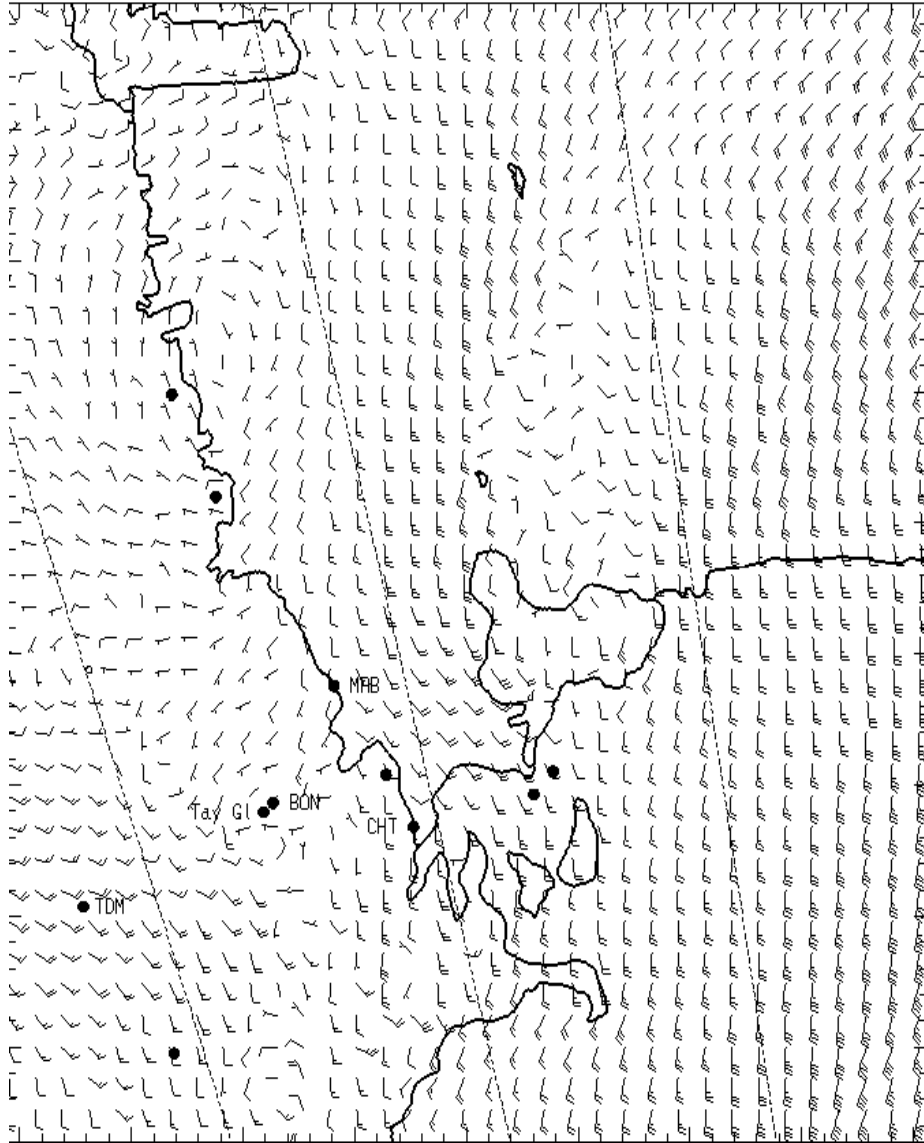


0600L

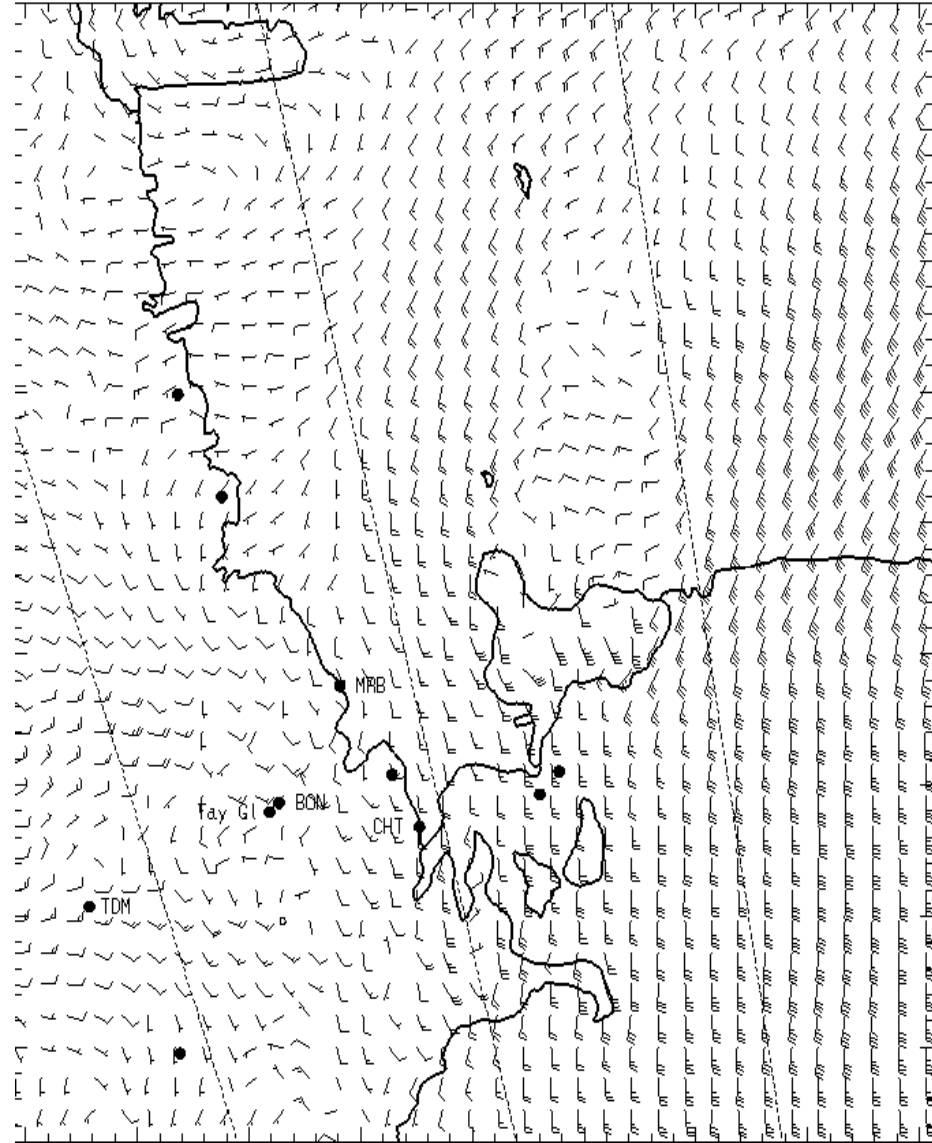


1200L

3,000 ft AGL

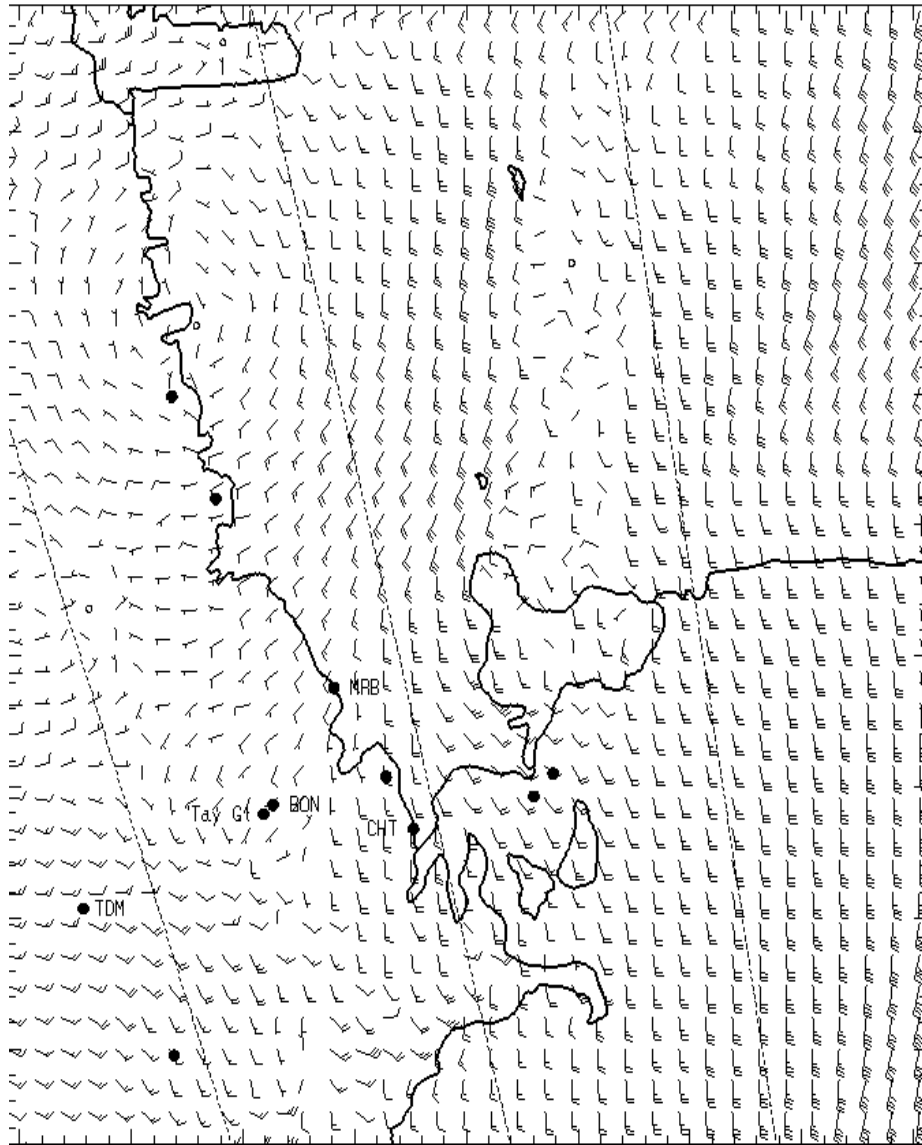


0600L

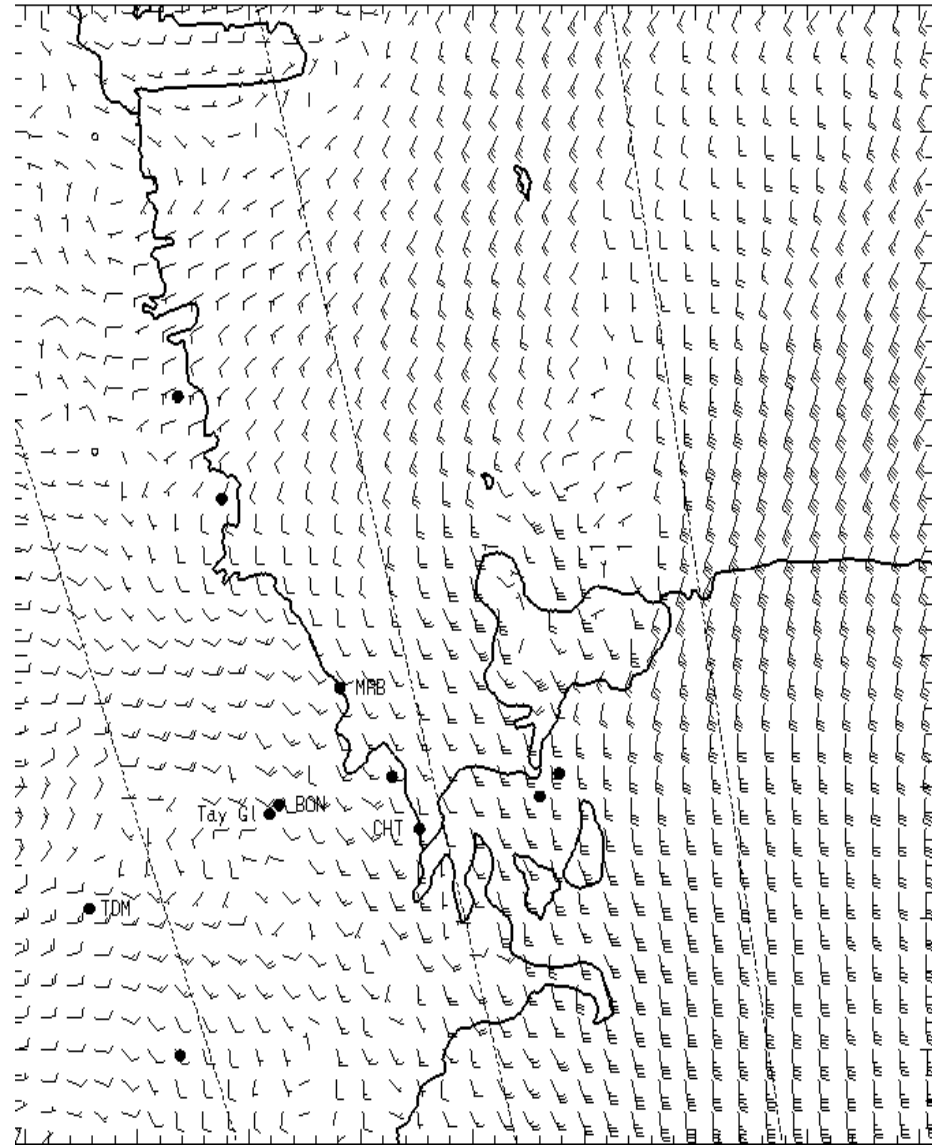


1200L

5,000 ft AGL



0600L



1200L