



Helo Weather

Charleston ROF
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Date (L): Tue 1 February 2022

Brief Time (L): 0600

Briefing Number: 02-001

FCSTR: Paul Gulli

REGIONAL SUMMARY

Deepening low pressure over the southern Ross Ice Shelf is making its way into the local area today and will bring reduced visibility in snow and blowing snow. Winds are expected to swing southerly and become gusty by midday, then decrease and become more easterly this evening.

HAZARDS

Light to Moderate Turbulence is expected at most locations today, especially from McMurdo proper through Black Island and areas to the east such as Cape Crozier. Light Rime Icing is expected at most locations today, in heavily layered cloud cover.

LATEST MCMURDO OBSERVATION

METAR NZCM 311555Z AUTO 16004KT 9999 UP OVC039 M03/M09 A2898 RMK AO2 SLP818 T10301094 \$=

RUNWAY TAFS

TAF NZFX 311459Z 3115/0115 (0104/0204NZDT) VRB03KT 9999 -SN SCT010 BKN060 QNH2895INS
TEMPO 3115/3118 (0104/0107) 6000 -SN BR BKN010 OVC050
BECMG 3118/3120 (0107/0109) 18008KT 4000 -SN BR BKN015 OVC030 620158 QNH2903INS GRID35008KT
BECMG 3121/3123 (0110/0112) 17020G30KT 0800 -SN BLSN BKN015 OVC030 620158 520005 QNH2907INS
GRID34020G30KT
BECMG 0104/0106 (0117/0119) 08010G15KT 3200 -SN BR BLSN BKN010 OVC025 620109 QNH2914INS
GRID25010G15KT

TAF NZWD 311459Z 3115/0115 (0104/0204NZDT) VRB05KT 9999 -SN SCT010 BKN030 QNH2895INS
TEMPO 3115/3118 (0104/0107) 6000 -SN BR BKN010 OVC030
BECMG 3118/3120 (0107/0109) 18013KT 4000 -SN BR DRSN BKN015 OVC030 620158 QNH2903INS GRID35013KT
BECMG 3122/3124 (0111/0113) 15015G25KT 0800 -SN BLSN BKN012 OVC025 620128 520005 QNH2907INS
GRID32015G25KT
BECMG 0104/0106 (0117/0119) 09010G18KT 3200 -SN BR BLSN BKN010 OVC025 620109 QNH2914INS
GRID26010G18KT

MCMURDO HELIPAD FORECAST (VALID TIME: 01/0600L - 1800L)

SFC WIND (TRUE): VRB06KT, BECMG 20015G25KT AFT 11L

SFC VISIBILITY (SM): UNRES, BECMG 1-3 -SN BLSN AFT 11L

SKY CONDITION (AGL): SCT020 SCT060, BECMG FEW009 BKN015 OVC040 AFT 11L

MIN ALSTG: 28.73INS

HAZARDS: TRACE-LGT RIME ICG 015-090; LGT-MOD TURBC SFC-070

SITE & AREA FORECASTS (VALID TIME: 01/0600L - 1800L)

BLACK ISLAND

SFC WIND (TRUE): 20015KT, BECMG 19030G45KT AFT 09L

SFC VISIBILITY (SM): UNRES, TEMPO 2 –SN 07-10L, BECMG 1/2 –SN BLSN AFT 10L

SKY CONDITION (AGL): BKN020, BECMG BKN008 OVC015 AFT 10L

MIN ALSTG: 2890INS

HAZARDS: MDT TURBC SFC-080; LGT RIME ICG 008-100

PEAK 1882

SFC WIND (TRUE): VRB03KT

SFC VISIBILITY (SM): UNRES, BECMG NIL SN FG AFT 12L

SKY CONDITION (AGL): OVC050, BECMG VV002 AFT 12L

MIN ALSTG: 2858INS

HAZARDS: TRACE ICG 002-020 AFT 12L

F6

SFC WIND (TRUE): 09007KT

SFC VISIBILITY (SM): UNRES, BECMG 2 –SN AFT 14L

SKY CONDITION (AGL): BKN070, BECMG BKN015 BKN070 AFT 14L

MIN ALSTG: 2892INS

HAZARDS: TRACE ICG 015-040 AFT 14L

MT AURORA

SFC WIND (TRUE): 19035G50KT

SFC VISIBILITY (SM): NIL SN FG BLSN

SKY CONDITION (AGL): VV000

MIN ALSTG: 2870INS

HAZARDS: LGT RIME ICG SFC-050; MDT TURBC SFC-100

MT NEWALL

SFC WIND (TRUE): VRB05KT

SFC VISIBILITY (SM): UNRES, BECMG 1 -SN FG AFT 14L

SKY CONDITION (AGL): OVC020

MIN ALSTG: 2860INS

HAZARDS: LGT RIME ICG INCLD 020-060

BULL PASS

SFC WIND (TRUE): VRB03KT, BECMG 11009KT AFT 11L

SFC VISIBILITY (SM): UNRES, 4 –SN AFT 14L

SKY CONDITION (AGL): BKN060, BECMG SCT010 BKN060 AFT 14L

MIN ALSTG: 2886INS

HAZARDS: NIL

CP BIRD

SFC WIND (TRUE): 20008KT, BECMG 05006KT AFT 13L

SFC VISIBILITY (SM): UNRES, BECMG 1 –SN BR AFT 15L

SKY CONDITION (AGL): SCT020 SCT050, BECMG BKN010 OVC030 AFT 15L

MIN ALSTG: 2889INS

HAZARDS: LGT RIME ICG 010-070 AFT 15L

CP CROZIER/RIS

SFC WIND (TRUE): VRB03KT, BECMG 19015G25KT AFT 12L

SFC VISIBILITY (SM): UNRES, BECMG 1/2 –SN BLSN AFT 12L

SKY CONDITION (AGL): SCT030 BKN060, BECMG SCT005 OVC010 AFT 10L

MIN ALSTG: 2893INS

HAZARDS: NIL, LGT RIME ICG 010-100 AFT 10L, LGT-MDT TURBC SFC-050 AFT 12L

SCOTT BASE

SFC WIND (TRUE): VRB05KT, BECMG 18014G20KT AFT 11L

SFC VISIBILITY (SM): UNRES, BECMG 2 –SN AFT 11L

SKY CONDITION (AGL): BKN030 OVC060, BECMG BKN015 OVC030 AFT 11L

MIN ALSTG: 2889INS

HAZARDS: LGT TURBC SFC-030; LGT RIME ICG 015-100

NIGHT AREA OUTLOOKS (VALID TIME: 01/1800L - 02/0600L):

CP BIRD

SFC WIND (TRUE): 04009KT

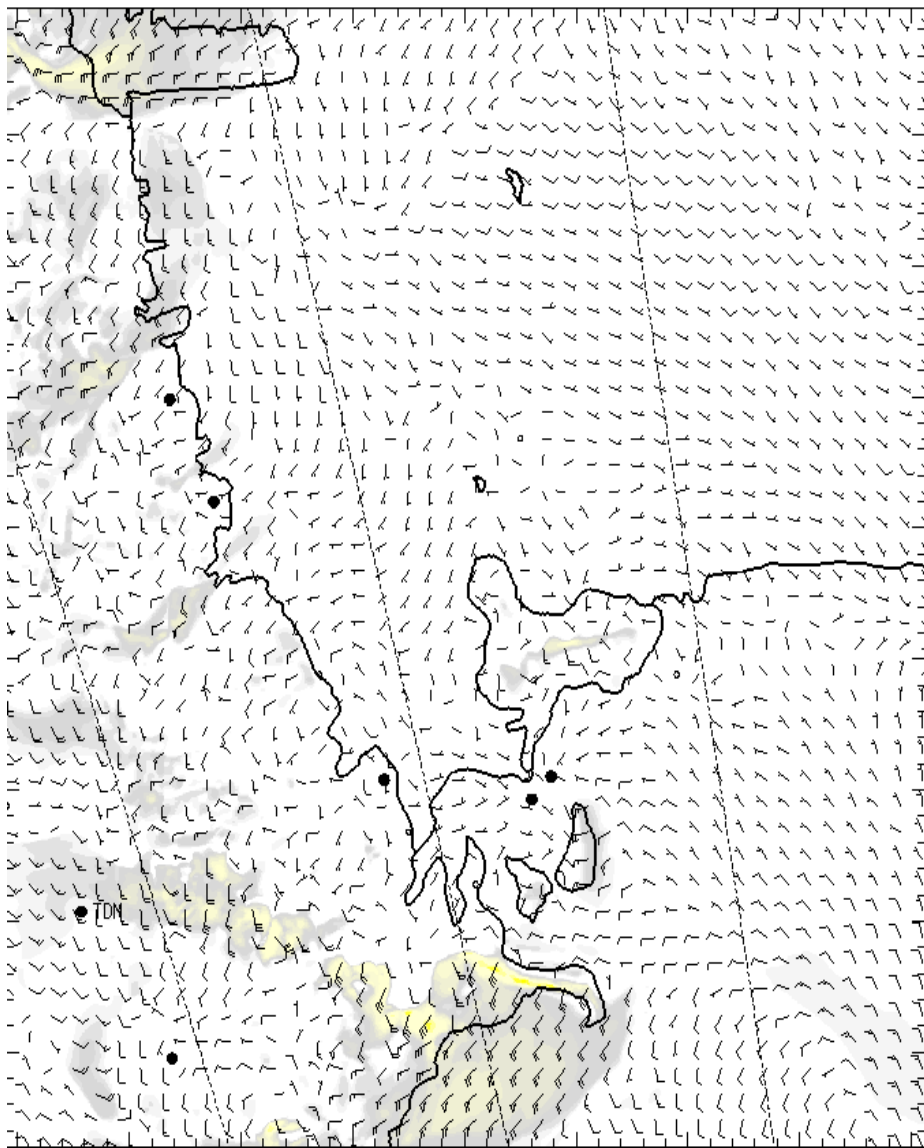
SFC VISIBILITY (SM): 1/2 SN FG

SKY CONDITION (AGL): BKN005 OVC010

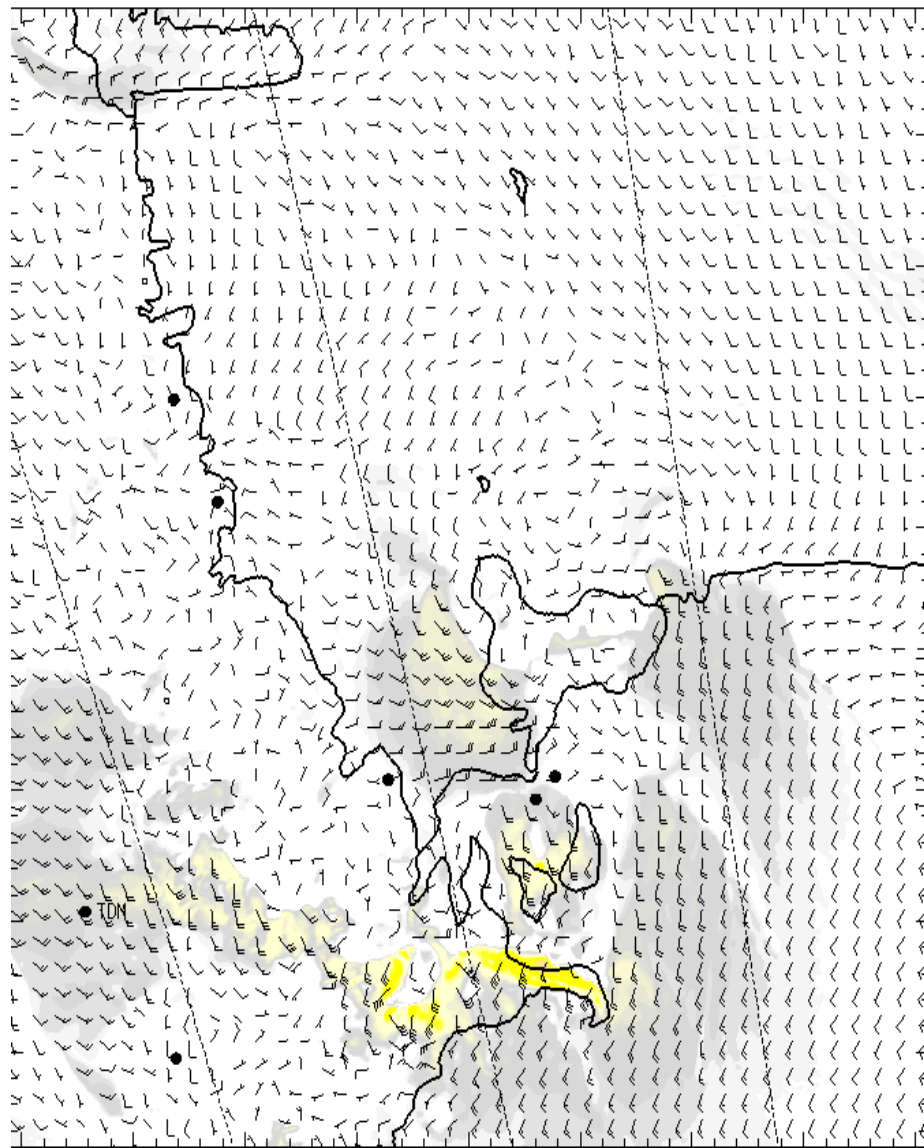
MIN ALSTG: 2906INS

HAZARDS: LGT RIME ICG 005-080

SFC

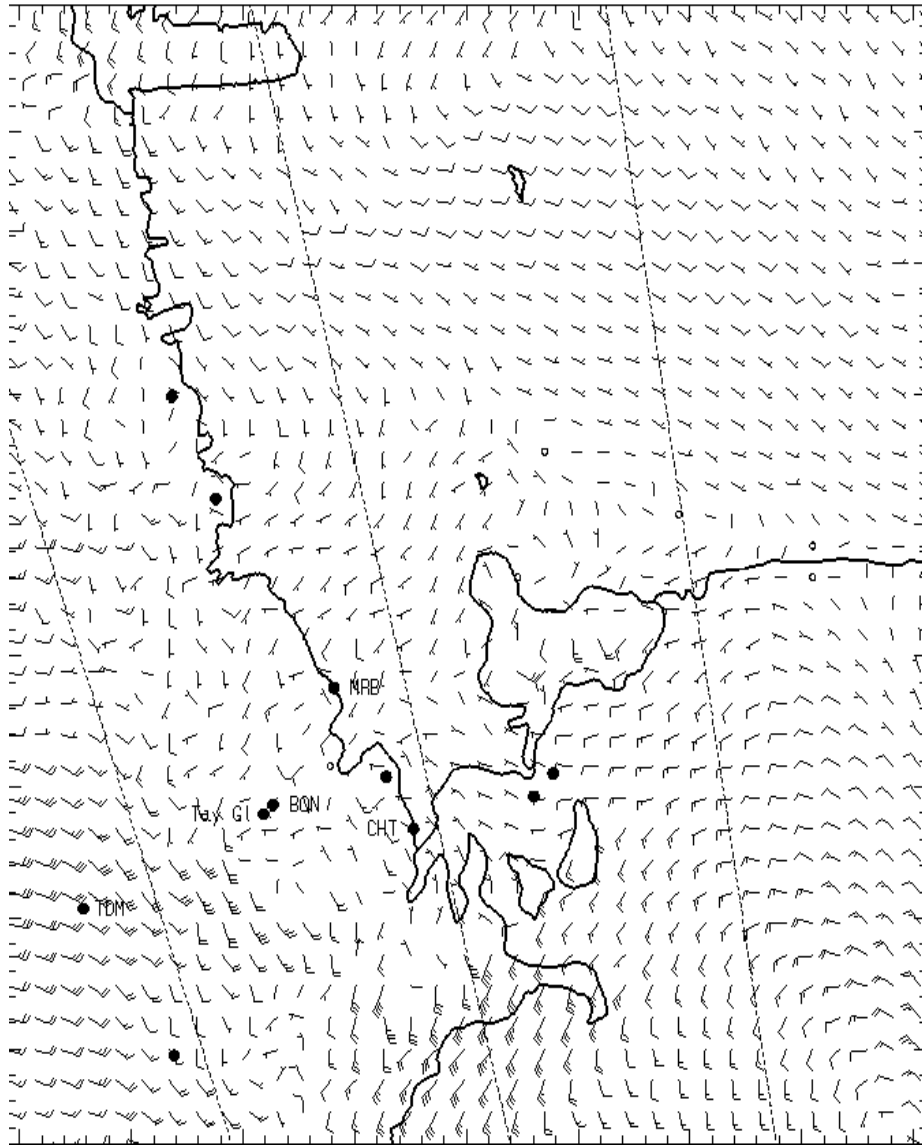


0700L

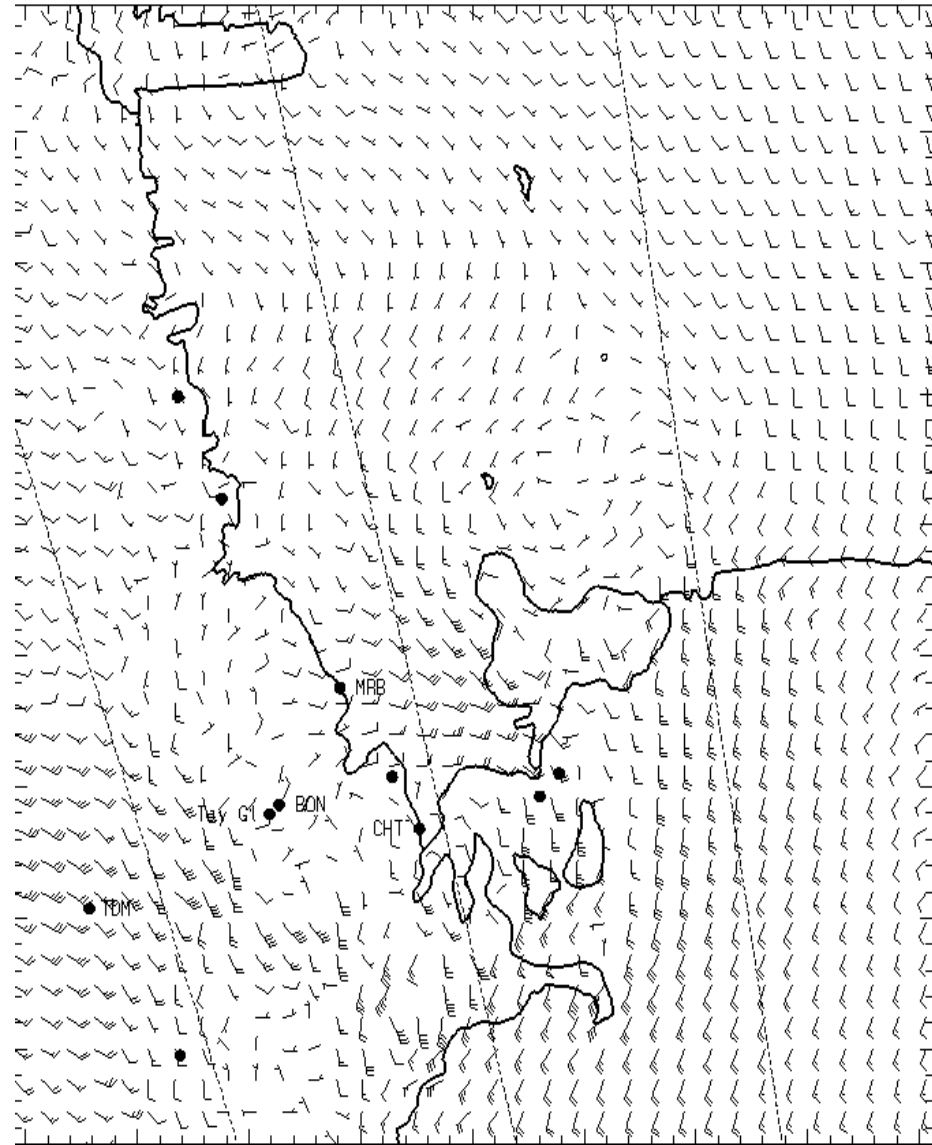


1300L

1,000 ft AGL

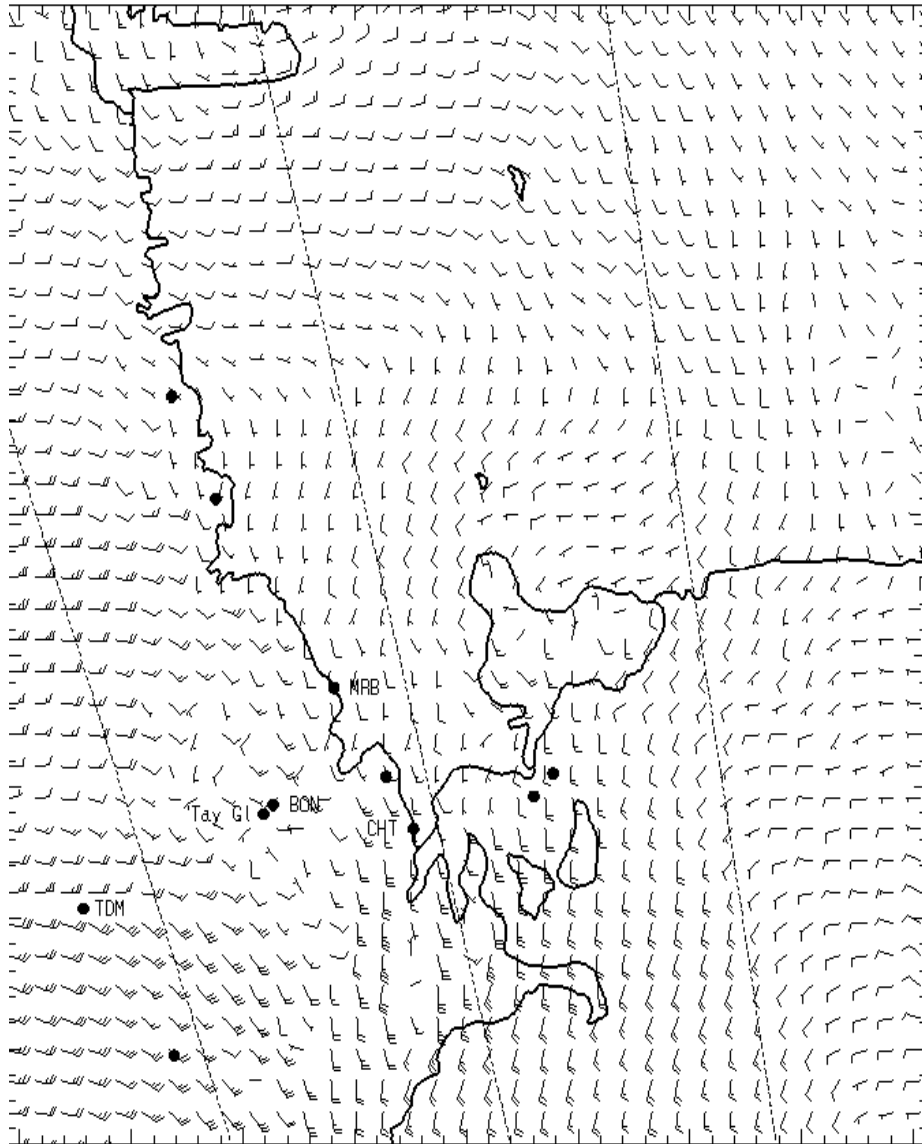


0700L

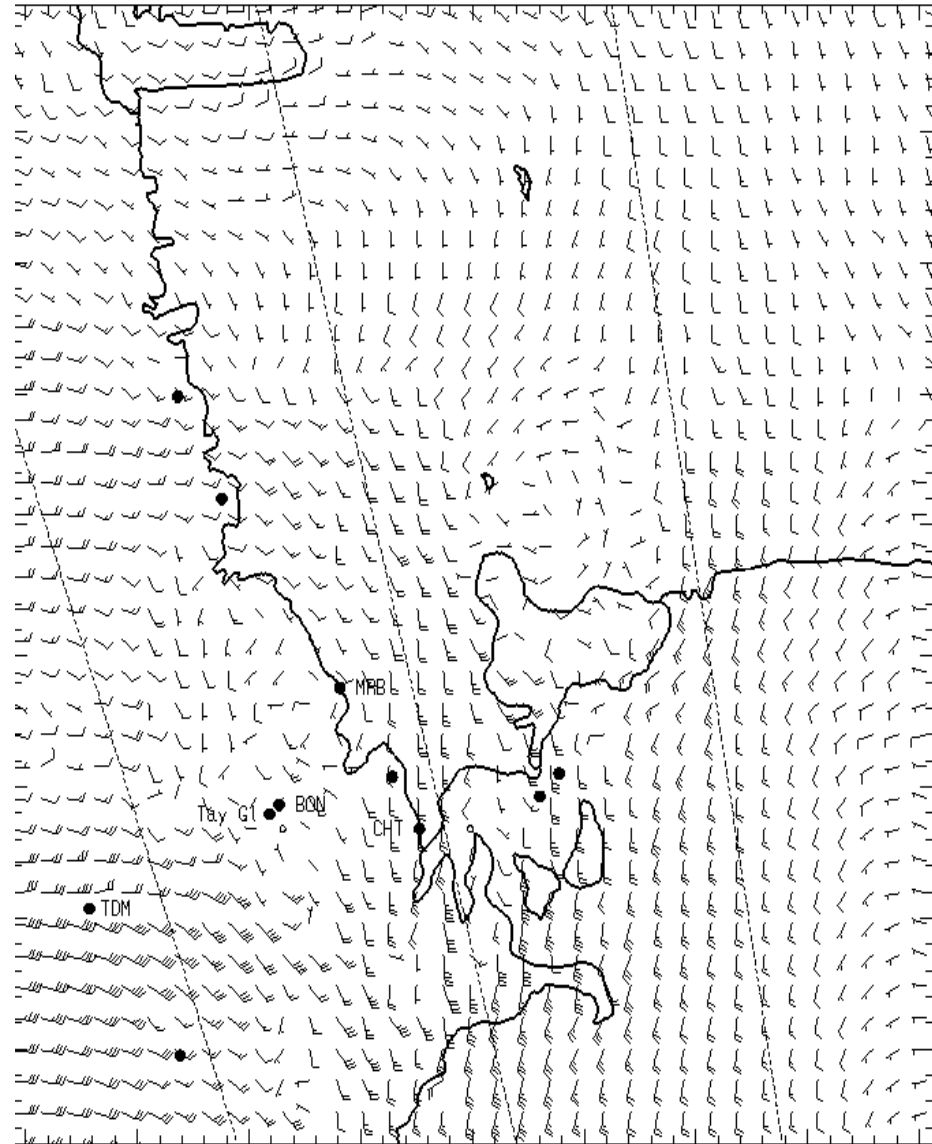


1300L

3,000 ft AGL

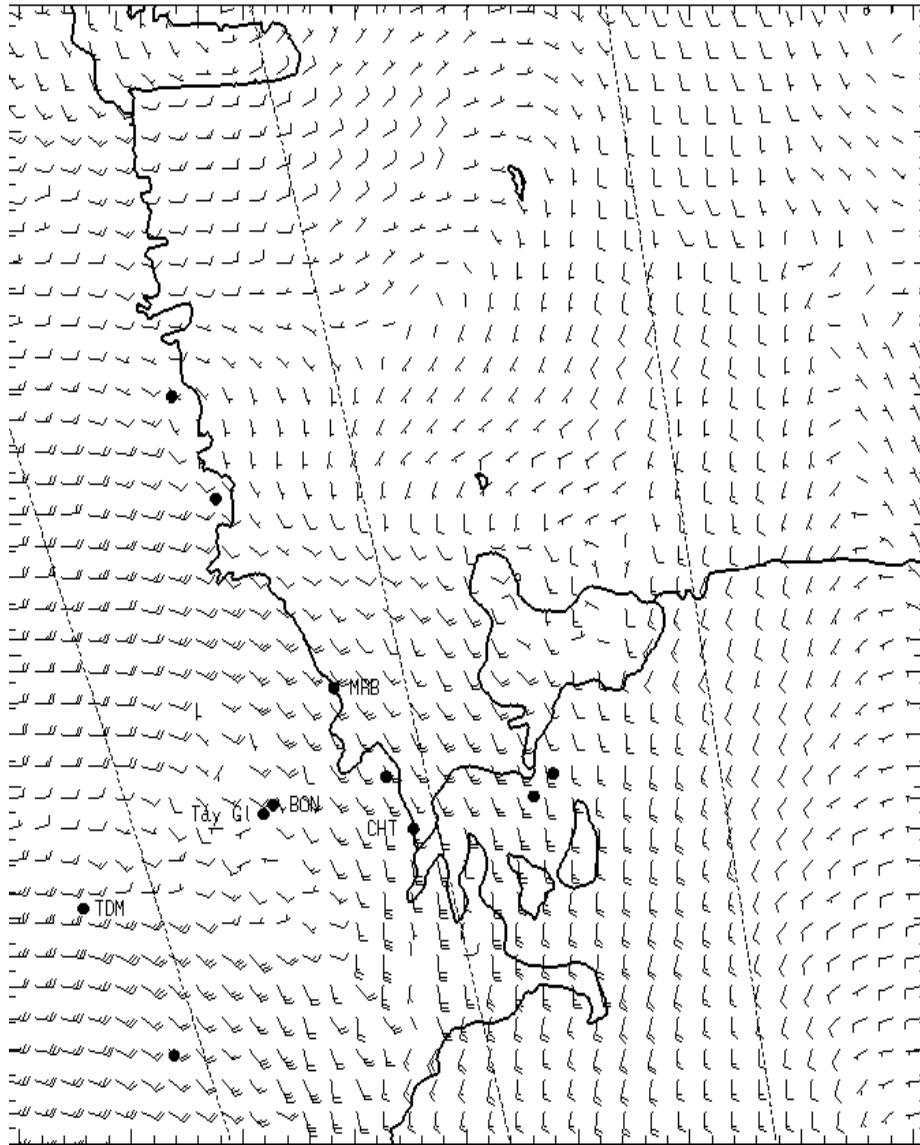


0700L

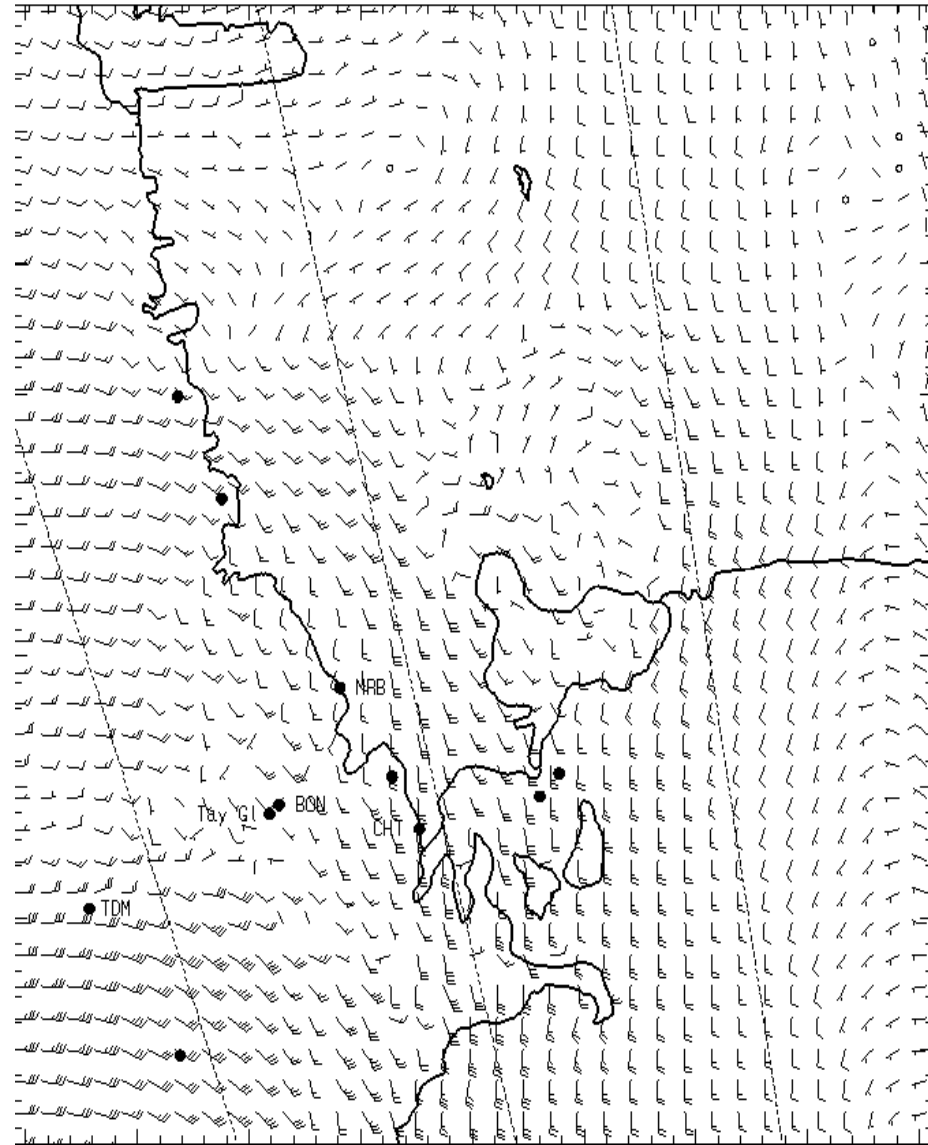


1300L

5,000 ft AGL



0700L



1300L