



Helo Weather

Charleston ROF

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Date (L): Mon 7 February 2022

Brief Time (L): 0600

Briefing Number: 02-008

FCSTR: Paul Gulli

REGIONAL SUMMARY

A fairly-stationary low pressure system remains in place on the Ross Ice Shelf, with strong winds above the surface creating generally gusty conditions with periods of stronger sustained winds at the surface. Cloud cover will vary within the lower levels, bringing on-and-off periods of snow. Elevated and exposed locations will feel the worst effects of the stronger winds and low cloud cover, combining to reduce visibilities and drop ceilings significantly at times.

HAZARDS

Light to moderate rime icing in the lower levels.

Light to moderate turbulence in the lower levels and at exposed, elevated locations, moderate to severe at Black Island and Cape Bird.

LATEST MCMURDO OBSERVATION

METAR NZCM 061555Z AUTO 08007KT 9999 FEW055 OVC080 M09/M13 A2907 RMK AO2 SLP849 T10911134 \$=

RUNWAY TAFS

TAF COR NZFX 061505Z 0615/0715 (0704/0804NZDT) 07009KT 9999 SCT025 OVC040 620404 QNH2907INS GRID24009KT
BECMG 0615/0617 (0704/0706) 07013KT 6000 -SN BR SCT010 OVC025 620256 510206 QNH2905INS GRID24013KT
TEMPO 0618/0624 (0707/0713) 1600 -SN BR BKN010 OVC025 620107
BECMG 0702/0704 (0715/0717) 16015G25KT 9999 DRSN SCT010 SCT025 BKN050 620503 510006 QNH2907INS
GRID33015G25KT
TEMPO 0702/0705 (0715/0718) 3200 BLSN

TAF COR NZWD 061505Z 0615/0715 (0704/0804NZDT) 07009KT 9999 FEW025 OVC045 620454 QNH2908INS
GRID24009KT
BECMG 0615/0617 (0704/0706) 06013KT 6000 -SN BR SCT010 OVC025 620256 510206 QNH2906INS GRID23013KT
TEMPO 0618/0624 (0707/0713) 1600 -SN BR BKN010 OVC025 620107
BECMG 0623/0701 (0712/0714) 08010KT 9999 NSW SCT010 BKN030 OVC060 620305 510206 QNH2908INS
GRID25010KT
TEMPO 0703/0708 (0716/0721) 16015G25KT 9999 DRSN 510007 GRID33015G25KT

MCMURDO HELIPAD FORECAST (VALID TIME: 07/0600L - 1800L)

SFC WIND (TRUE): 10010KT (GUSTING TO 25KT AFTERNOON HRS)

SFC VISIBILITY (SM): UNRES, OCNL -SN, TEMPO 2 -SN BR 06-12L

SKY CONDITION (AGL): SCT010 BKN030 TEMPO OVC010 06-12L

MIN ALSTG: 29.02INS

HAZARDS: LGT RIME ICG 010-080 / LGT OCNL MDT TURBC SFC-080

SITE & AREA FORECASTS (VALID TIME: 07/0600L - 1800L)

BLACK ISLAND

SFC WIND (TRUE): 18020G35KT, BECMG 19050G70KT AFT 13L

SFC VISIBILITY (SM): 1/4 – 1/2 SN FG BLSN

SKY CONDITION (AGL): BKN000 OVC005, BECMG SCT010 AFT 14L

MIN ALSTG: 28.95INS

HAZARDS: LGT OCNL MDT RIME ICG SFC-080 / ICG NIL AFT 14L / MOD TURBC SFC-080 / SVR TURBC SFC-100 AFT 13L

LK BONNEY

SFC WIND (TRUE): VRB06KT BECMG 05010KT AFT 12L

SFC VISIBILITY (SM): 9999

SKY CONDITION (AGL): SCT080, BECMG BKN080 AFT 10L

MIN ALSTG: 28.97INS

HAZARDS: NIL

GARWOOD VALLEY SOILS (78 1.1028S, 163 53.2104E) & ALGAE (78 1.371S, 163 54.98298E)

SFC WIND (TRUE): VRB06KT, BECMG 17020G30KT AFT 11L

SFC VISIBILITY (SM): 9999

SKY CONDITION (AGL): BKN V OVC040

MIN ALSTG: 28.82INS

HAZARDS: MDT TURBC 010-080, BECMG SFC-100 AFT 11L

LK HOARE

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): 9999, BECMG 2 BR AFT 13L

SKY CONDITION (AGL): SCT V BKN080, BECMG BKN V OVC080 AFT 12L

MIN ALSTG: 28.98INS

HAZARDS: NIL

LEH

SFC WIND (TRUE): 18030G50KT

SFC VISIBILITY (SM): <1/4 +SN BLSN

SKY CONDITION (AGL): VV000

MIN ALSTG: 28.26INS

HAZARDS: SVR TURBC SFC-080

NAUSEA KNOB

SFC WIND (TRUE): 18025G40KT

SFC VISIBILITY (SM): <1/4 +SN BLSN

SKY CONDITION (AGL): VV001

MIN ALSTG: 28.23INS

HAZARDS: SVR TURBC SFC-080

HJORTH HILL

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): 9999, BECMG 2 –SN BR AFT 13L

SKY CONDITION (AGL): SCT060 BKN100, BECMG BKN050 AFT 09L

MIN ALSTG: 28.93INS

HAZARDS: LGT-MDT TURBC 050-120, LGT RIME ICG 050-090

SCOTT BASE

SFC WIND (TRUE): 03007KT, BECMG 14012G20KT AFT 15L

SFC VISIBILITY (SM): UNRES, OCNL –SN, TEMPO 2 –SN BR 06-12L

SKY CONDITION (AGL): SCT010 BKN030, TEMPO OVC010 06-12L

MIN ALSTG: 28.98INS

HAZARDS: LGT RIME ICG 010-070 / LGT OCNL MDT TURBC 010-080

CP BIRD

SFC WIND (TRUE): 19015G20KT, BECMG 19025G45KT AFT 13L

SFC VISIBILITY (SM): 2 –SN BR, BECMG 1/2–1 –SN BLSN AFT 13L

SKY CONDITION (AGL): BKN010 OVC030, BECMG FEW010 SCT040 14-18L

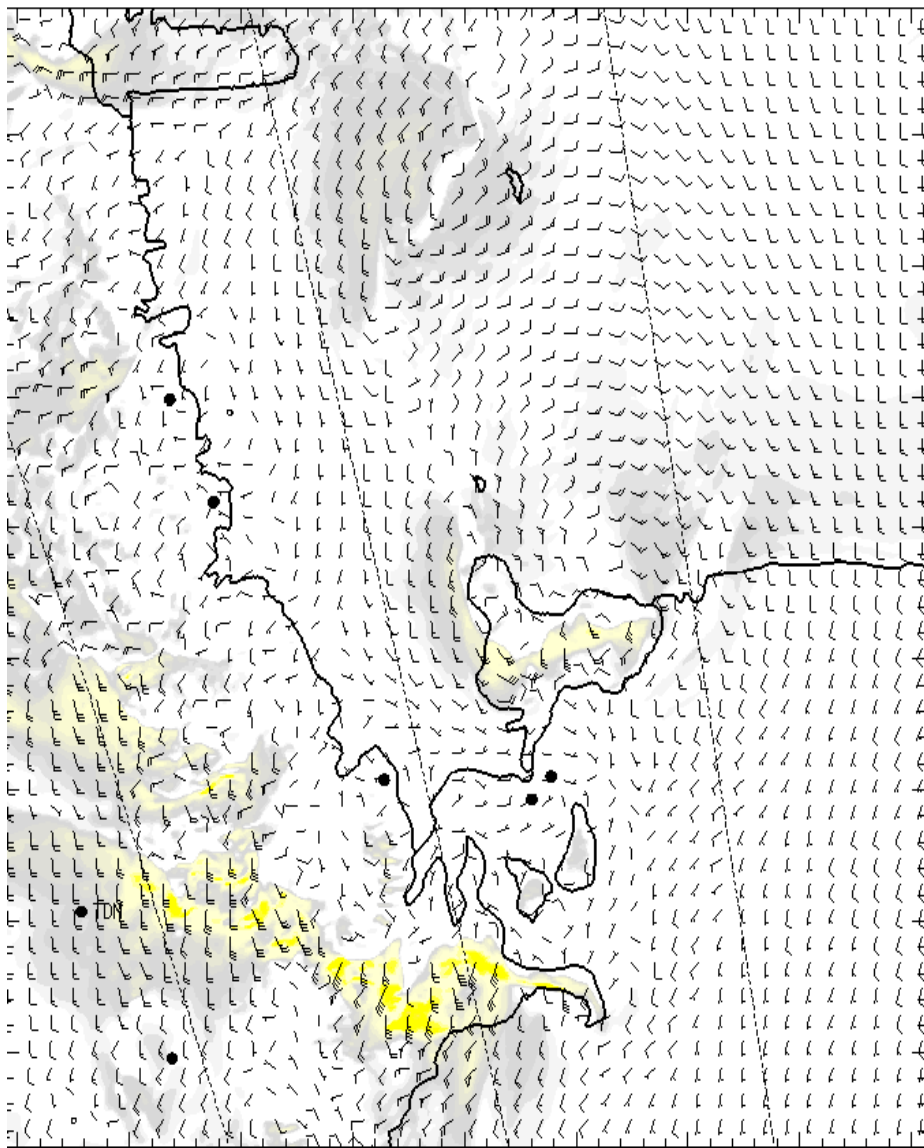
MIN ALSTG: 28.93INS

HAZARDS: LGT-MDT RIME ICG 010-080 / LGT-MDT TURBC 010-080, BECMG MDT-SVR TURBC AFT 13L

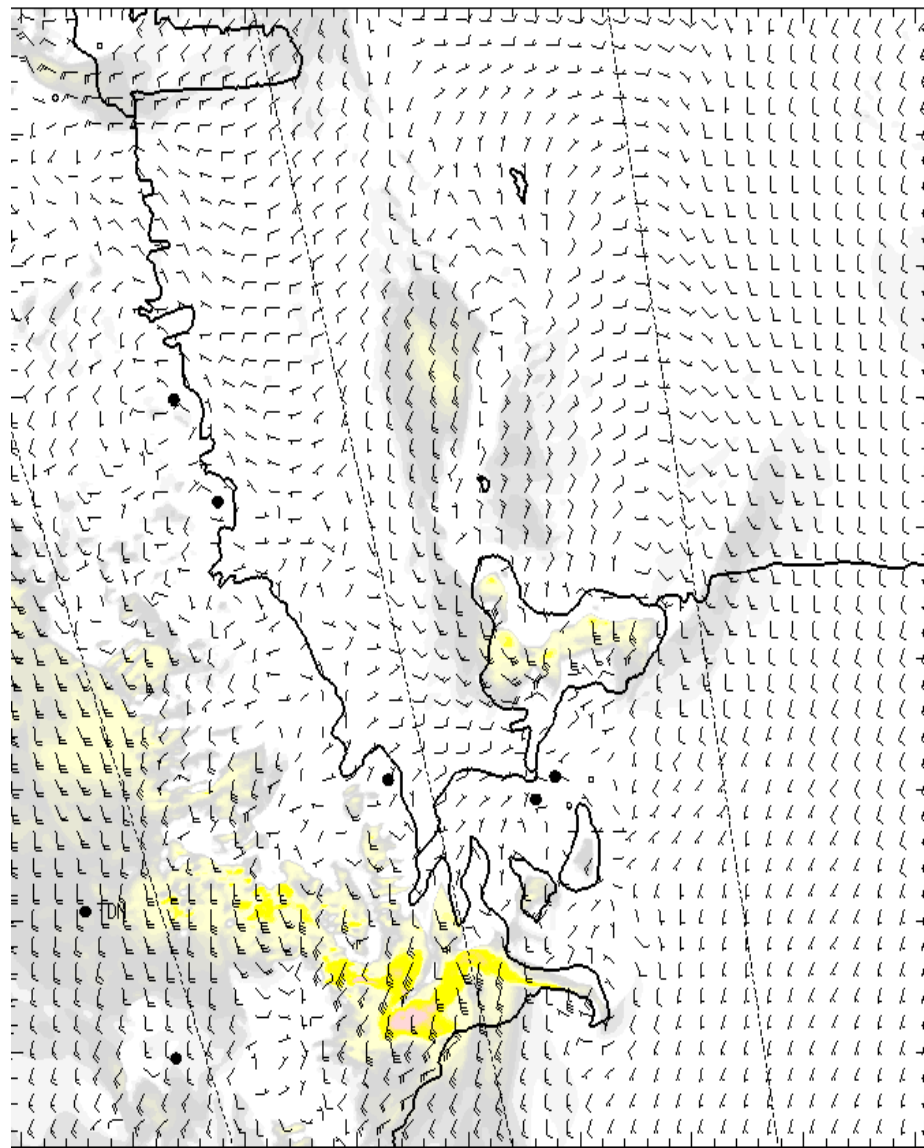
NIGHT AREA OUTLOOKS (VALID TIME: 07/1800L - 08/0600L):

NIL

SFC

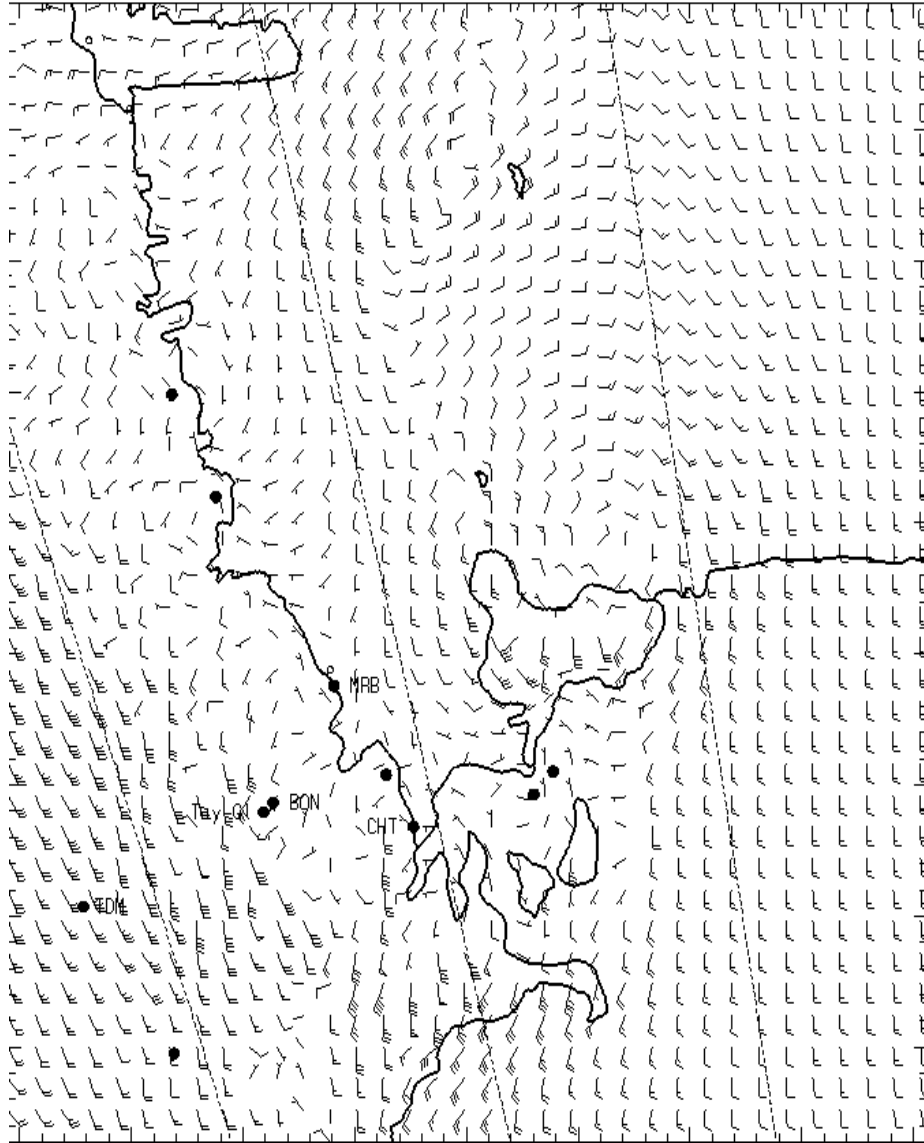


0700L

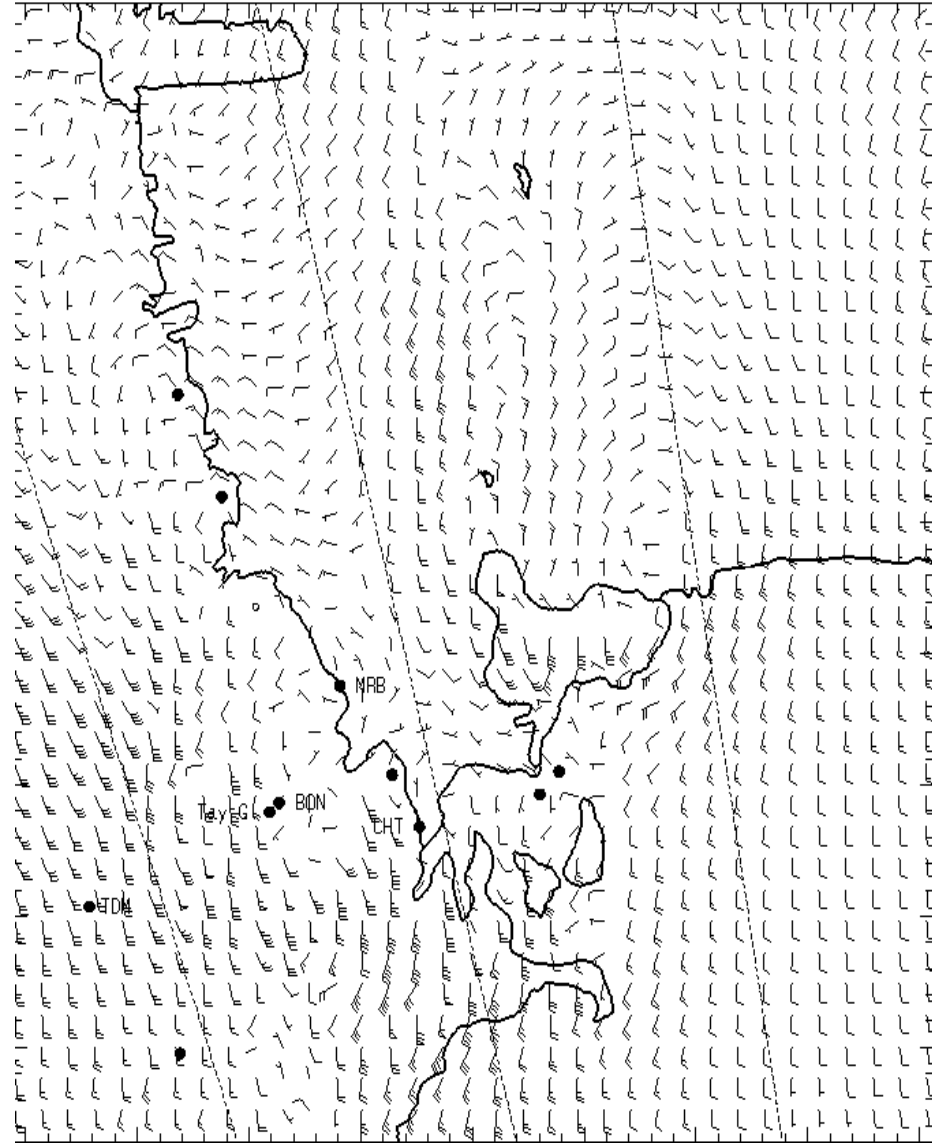


1300L

1,000 ft AGL

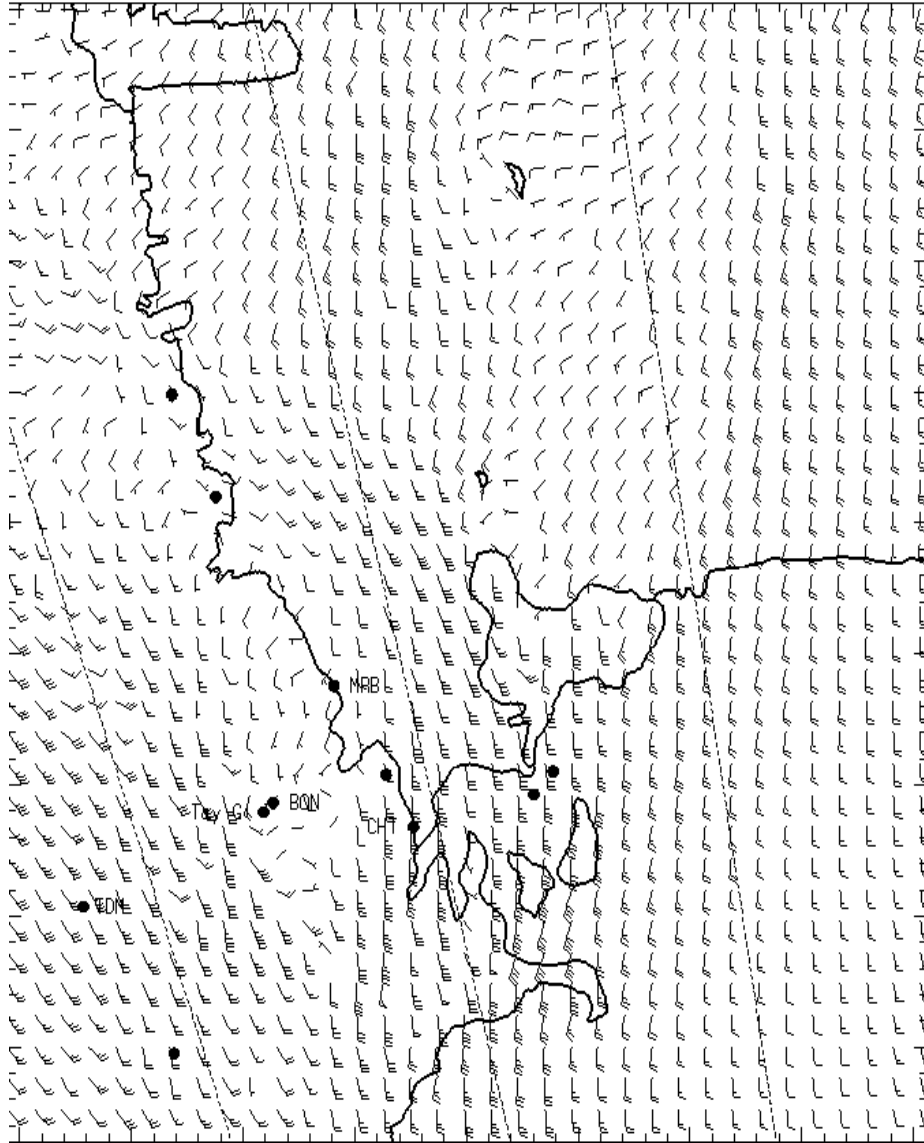


0700L

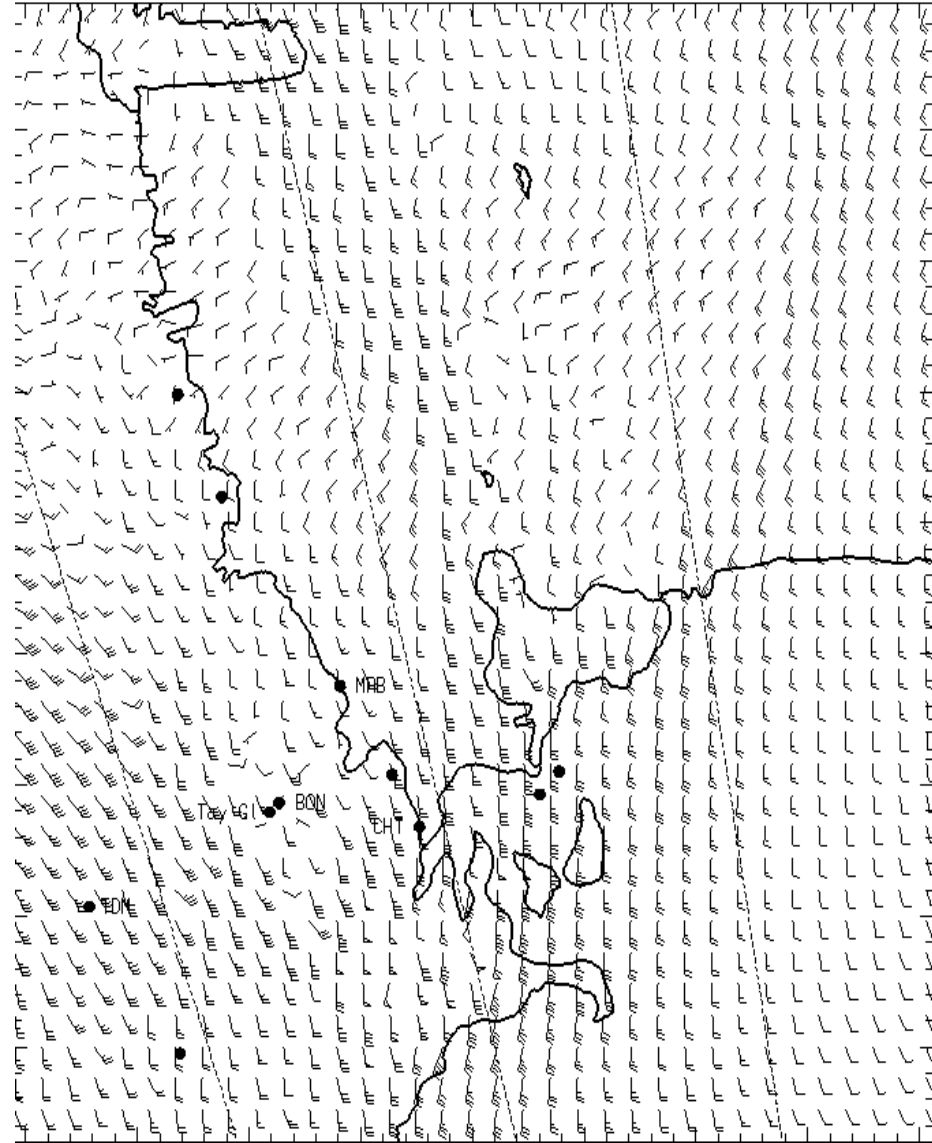


1300L

3,000 ft AGL

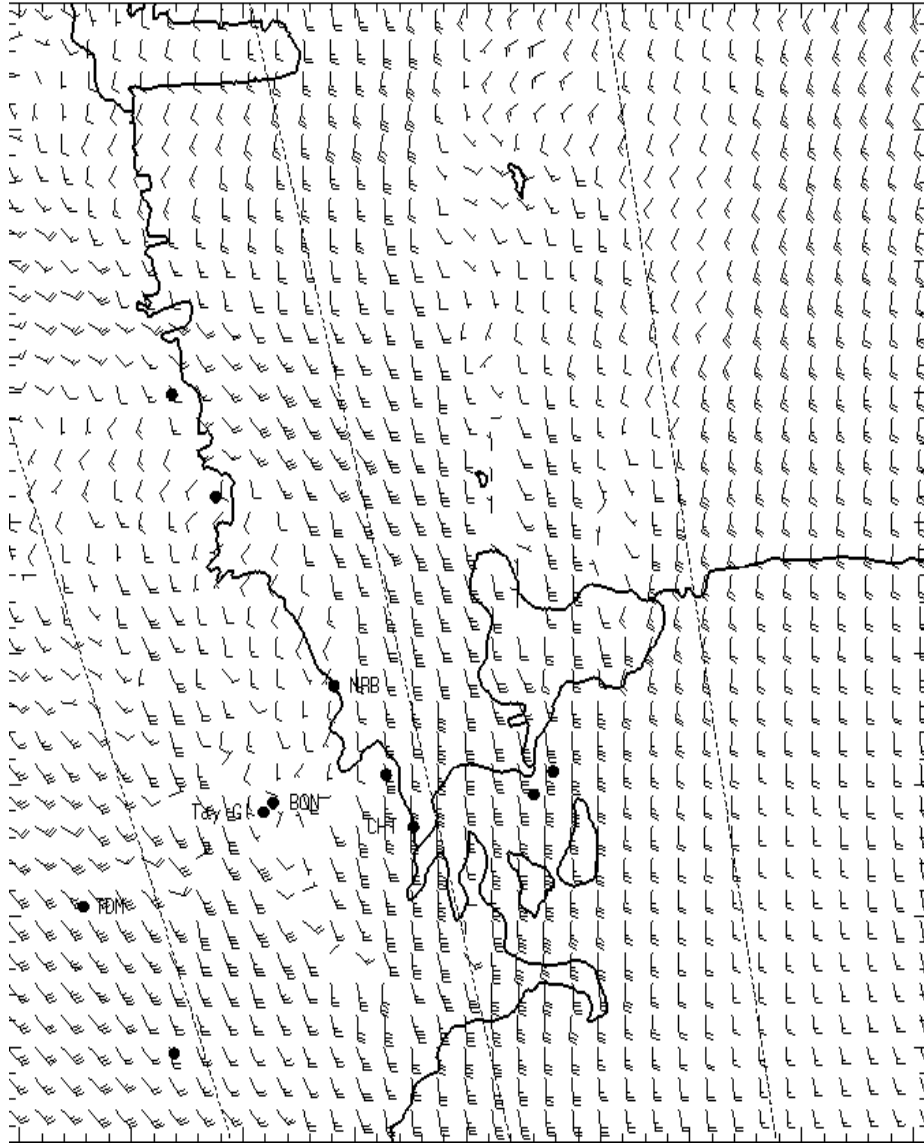


0700L

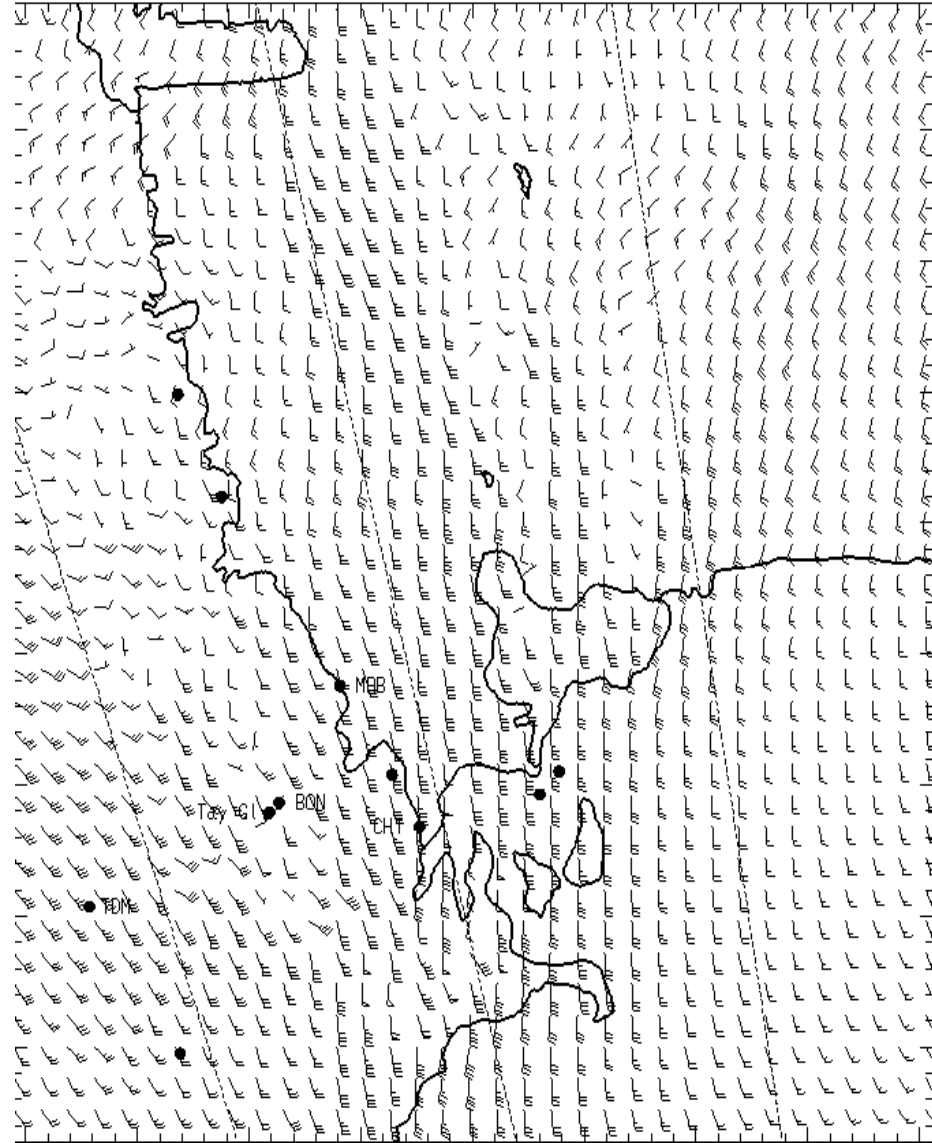


1300L

5,000 ft AGL



0700L



1300L