



HELO Weather

McMurdo Weather
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Duty Forecaster: x42524
Briefing Counter: x43353

Date (L): Monday 21 December 2020

Brief Time (L): 0615

Briefing Number: 12-15

FCSTR: John Meyer

REGIONAL SUMMARY

Low pressure on the Ross Ice Shelf continues to take advantage of ample moisture, bringing more rounds of low ceilings and snow to the Ross Island region. With surface temperatures now above the melting point, the snow will be wet and sleety at times, though further aloft and in the clouds, the precipitation will still be mostly frozen. Winds will be strong all through the column, particularly around and over terrain.

HAZARDS

Moderate rime icing from the surface through mid-level clouds
Moderate turbulence in the low-to-mid levels

LATEST MCMURDO OBSERVATION

METAR ZCMA 201642Z AUTO 24010KT 9999 OVC060 01/M05 A2885 RMK AO1 SLP775 GRID05010KT=

RUNWAY TAFS

TAF NZFX 201457Z 2015/2115 (2104/2204NZDT) 01010KT 9999 FEW030 BKN060 OVC080 620603 530106 QNH2883INS
GRID18010KT

BECMG 2016/2018 (2105/2107) 19028G40KT 1200 -SN BLSN SCT010 BKN025 OVC060 650256 530007 QNH2882INS
GRID36028G40KT

TEMPO 2018/2024 (2107/2113) 19024G33KT 4800 -SN BLSN SCT015 BKN035 OVC070 650355 520006 GRID36024G33KT
BECMG 2106/2108 (2119/2121) 16018G30KT 9999 DRSN BKN015 OVC025 620158 520006 QNH2886INS GRID33018G30KT
BECMG 2112/2114 (2201/2203) 12008KT 9999 NSW BKN025 OVC060 620257 510203 QNH2888INS GRID29008KT

MCMURDO HELIPAD FORECAST (VALID TIME: 21/0600L – 21/1800L)

SFC WIND (TRUE): 17020G35KT

SFC VISIBILITY (SM): 1/2 – 2 -SN BR TEMPO 3 – 5 -SN BR 7-13L

SKY CONDITION (AGL): SCT010 BKN025 OVC060

MIN ALSTG: 2882INS

HAZARDS: MDT ICG 025-080 / MDT TURBC SFC-070

SITE & AREA FORECASTS (VALID TIME: 21/0600L – 21/1800L)

BLACK ISLAND

SFC WIND (TRUE): 17040G60KT

SFC VISIBILITY (SM): 1/2 – 2 -SN BLSN

SKY CONDITION (AGL): BKN000 OVC030

MIN ALSTG: 2876INS

HAZARDS: MDT ICG 000-070 / MDT TURBC SFC-060

CAPE CROZIER

SFC WIND (TRUE): 21030G40KT

SFC VISIBILITY (SM): 1/2 – 2 -SN BLSN

SKY CONDITION (AGL): SCT010 BKN025 OVC035

MIN ALSTG: 2873INS

HAZARDS: MDT ICG 025-080 / MDT TURBC SFC-070

CAPE ROYDS

SFC WIND (TRUE): 13025G40KT

SFC VISIBILITY (SM): UNRES BECMG 1/2 – 2 -SN BR

SKY CONDITION (AGL): SCT010 BKN025 OVC060

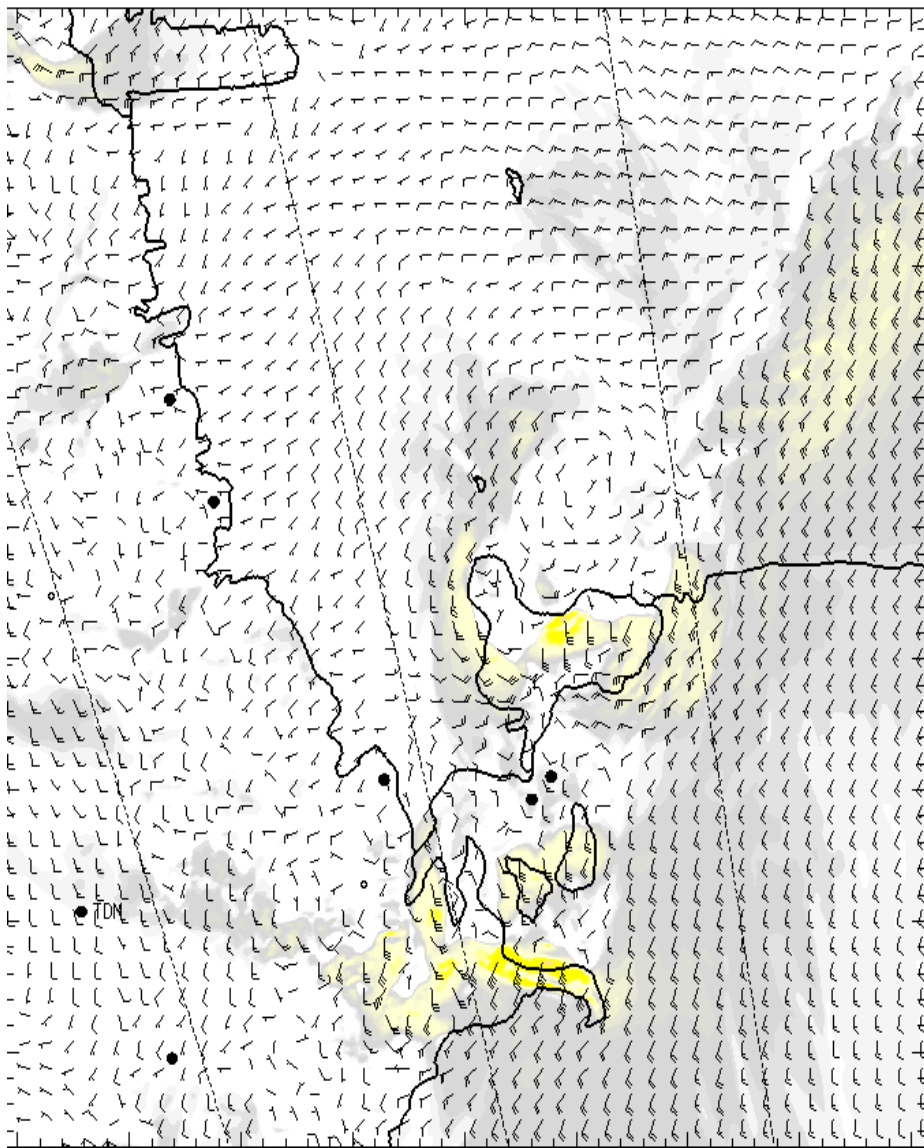
MIN ALSTG: 2873INS

HAZARDS: MDT ICG 025-080 / MDT TURBC SFC-070

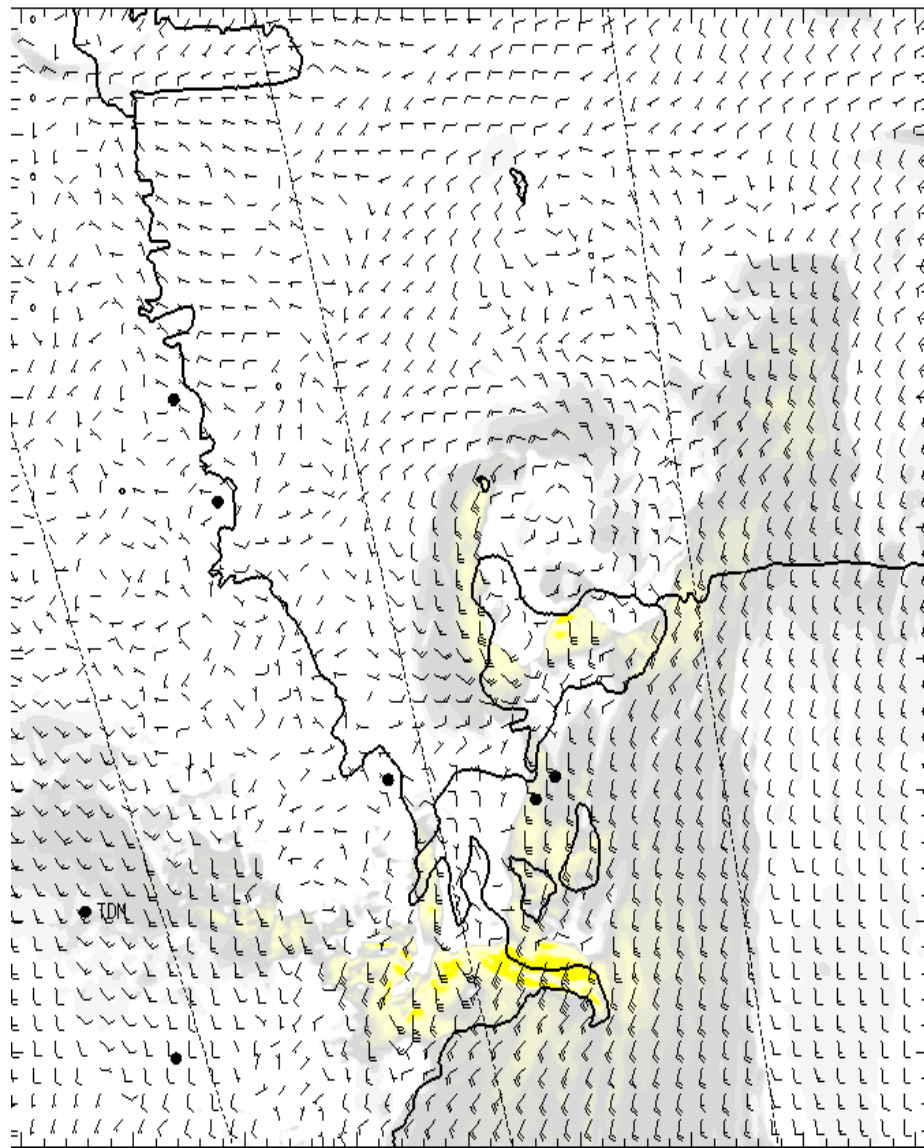
NIGHT AREA OUTLOOKS (VALID TIME: 21/1800L – 22/0600L)

NIL

SFC

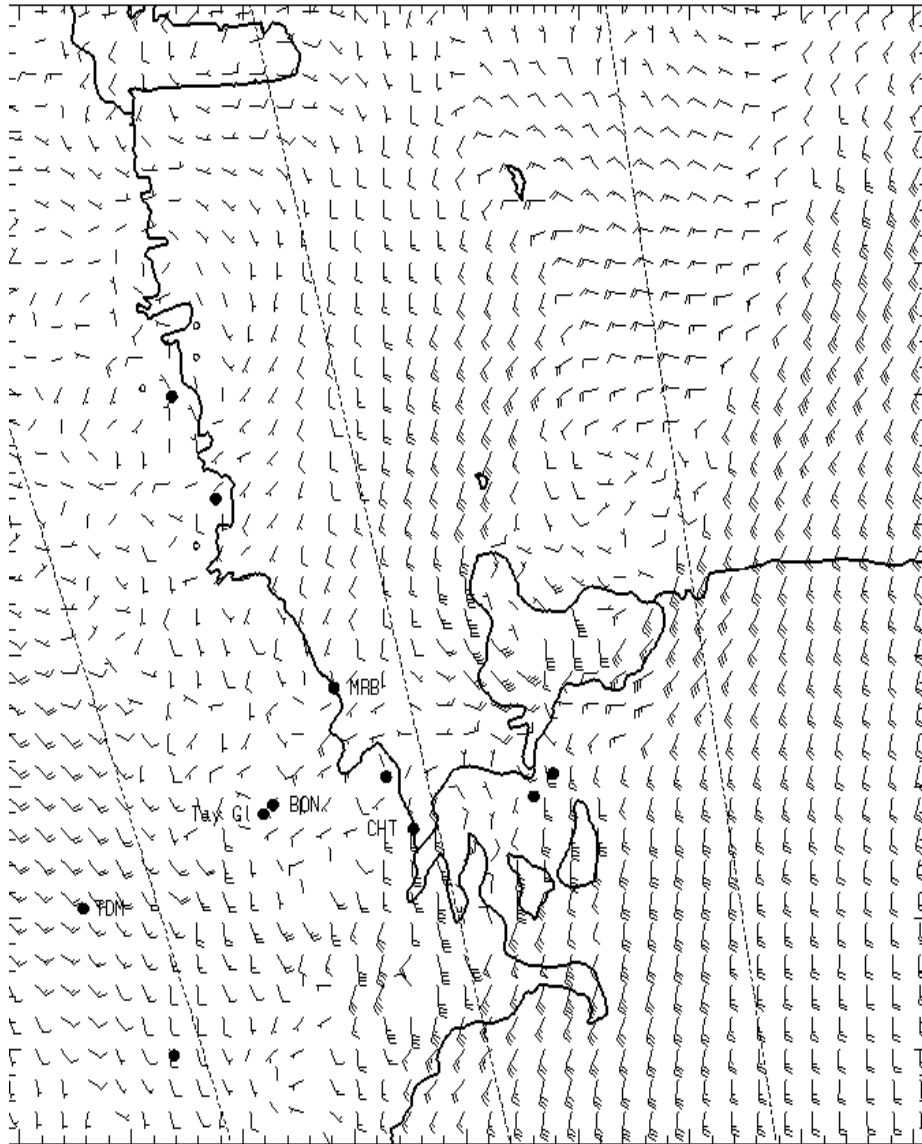


0700L

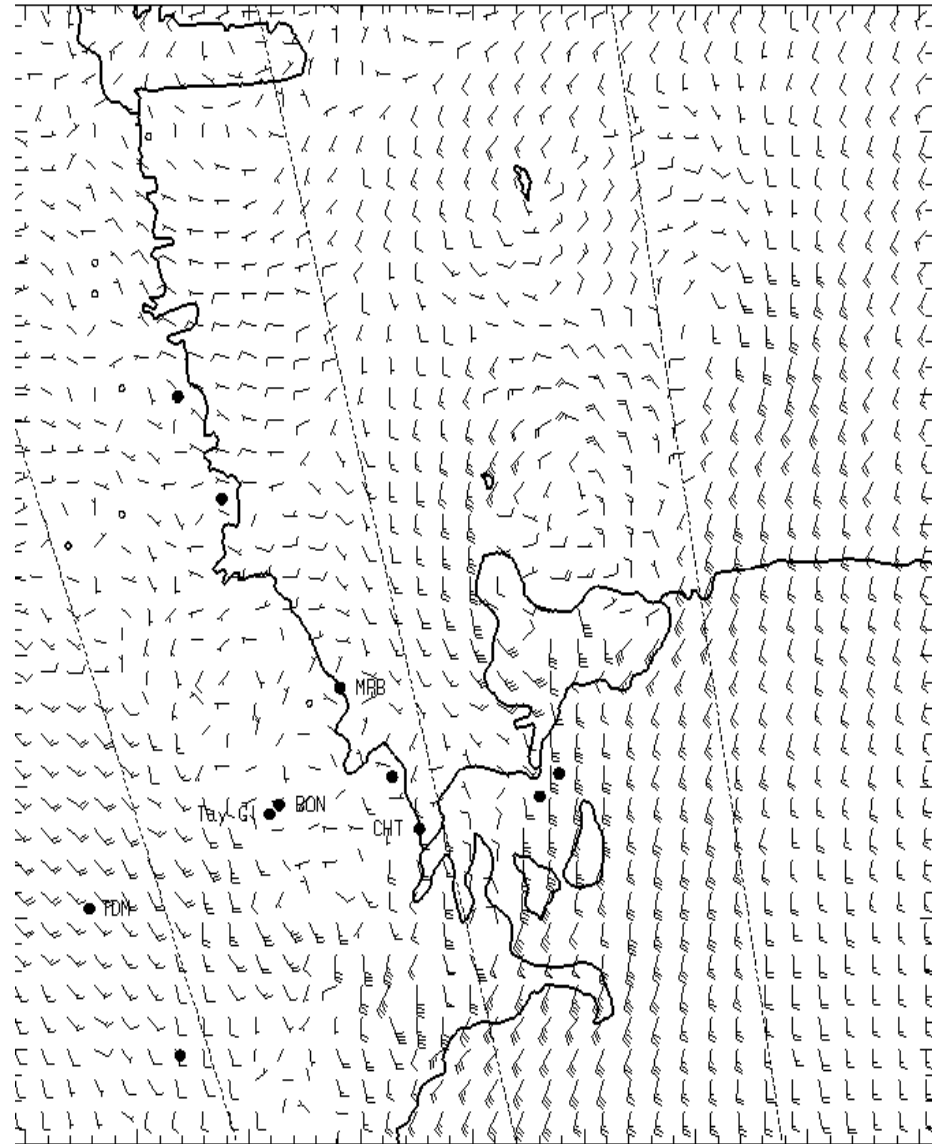


1300L

1,000 ft AGL

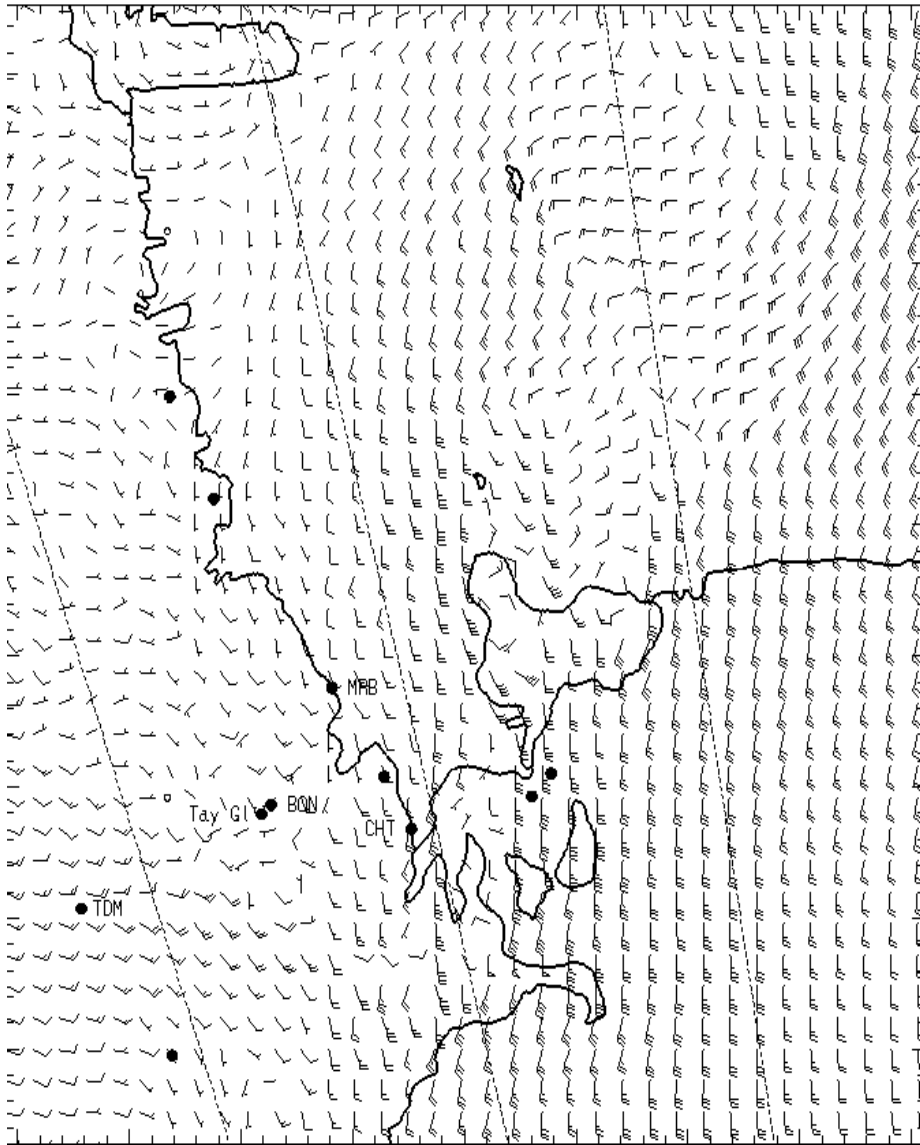


0700L

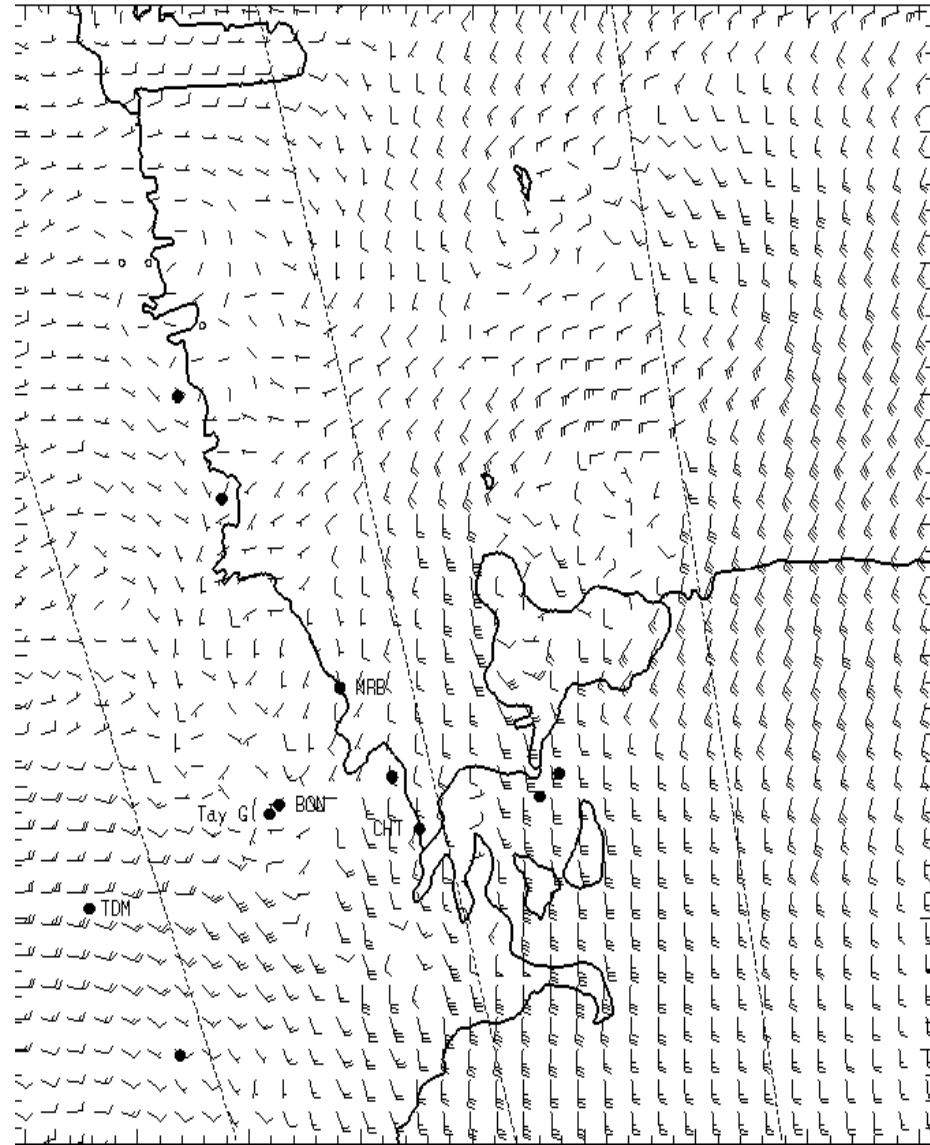


1300L

3,000 ft AGL

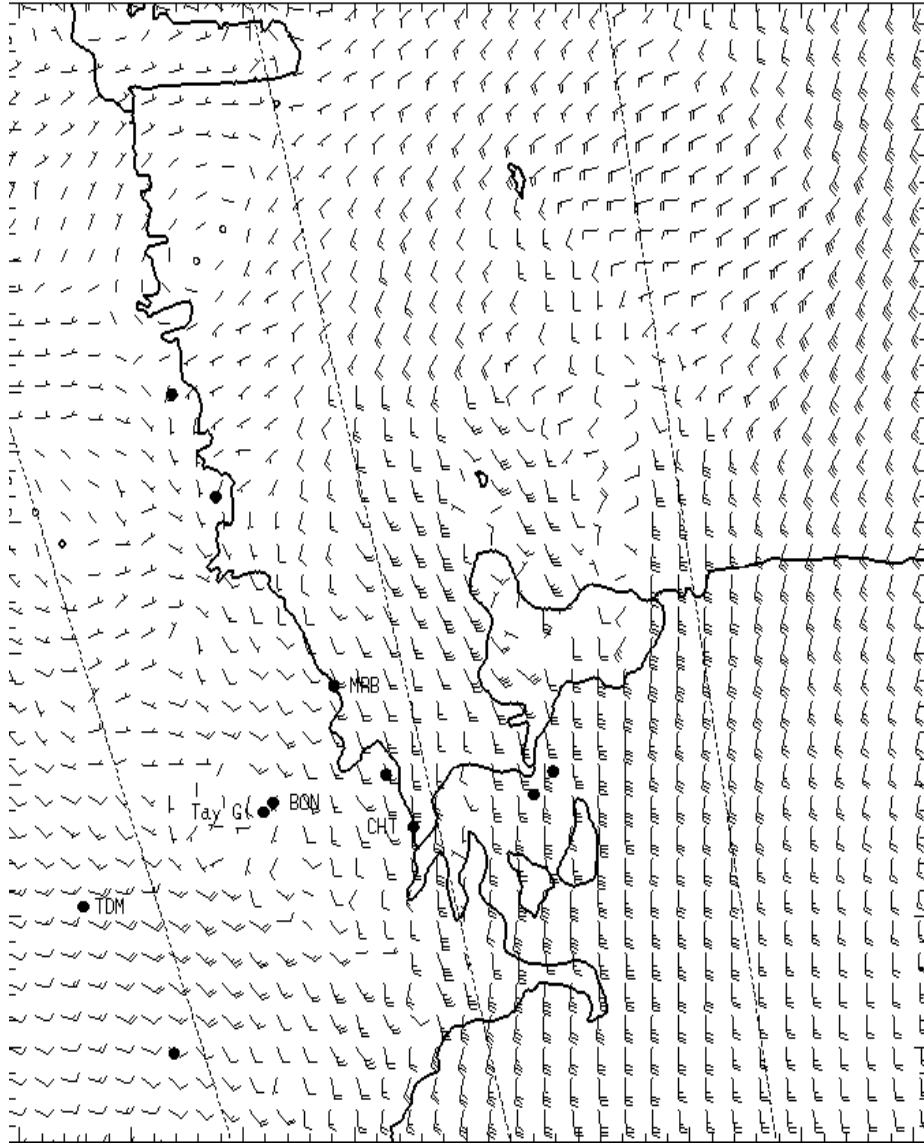


0700L

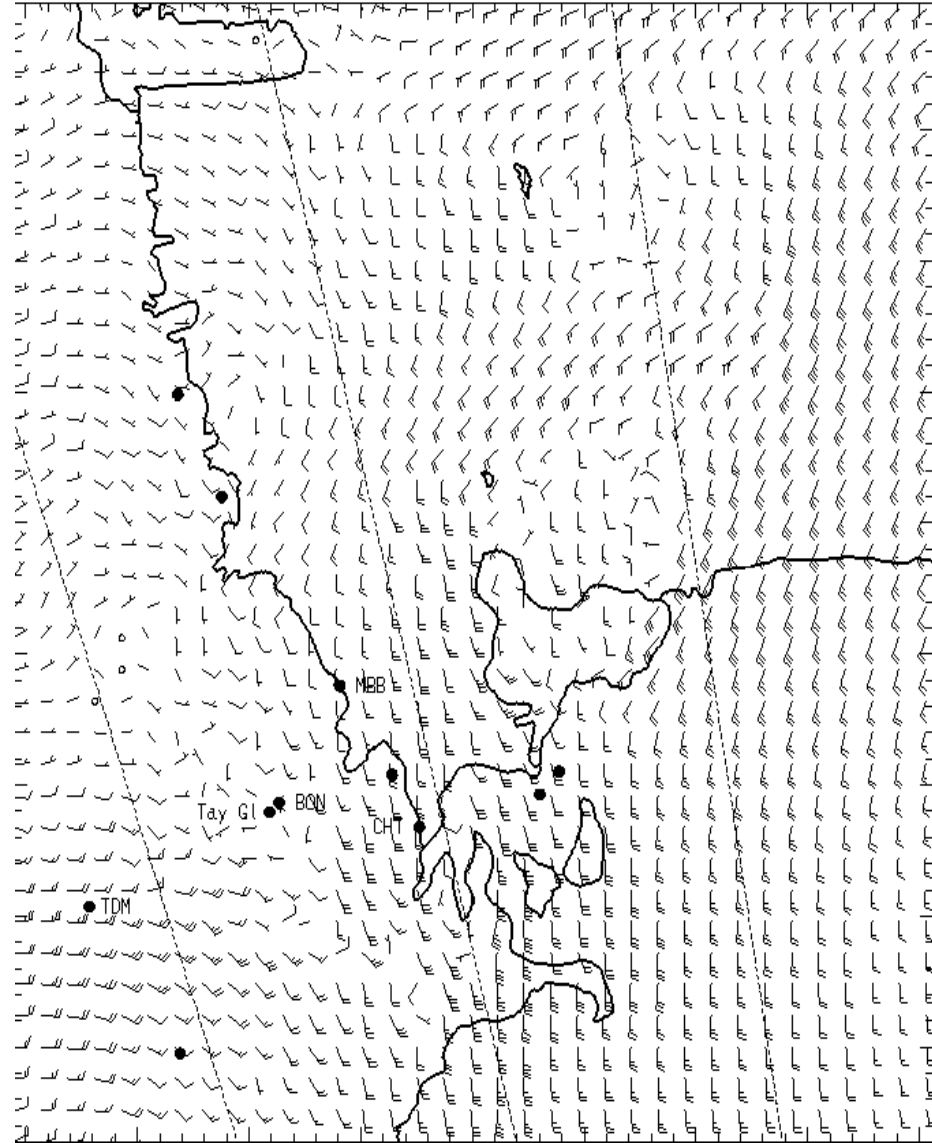


1300L

5,000 ft AGL



0700L



1300L