



# Helo Weather

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Date (L): Thu 9 December 2021

Brief Time (L): 0700

Briefing Number: 12-008A

FCSTR: Paul Gulli

## REGIONAL SUMMARY

The ridge of high pressure to the north begins receding today, allowing for a broad trough of low pressure to begin slowly moving toward the area from the eastern Ross Ice Shelf. Overall, fair weather conditions are expected for today, but there are a couple of areas to watch. A finger of low cloud/possible fog to the southeast is slowly creeping toward the area and may seep into the runway area briefly this afternoon. Overnight, as the pressure gradient tightens around the trough, strong winds are expected over the eastern periphery, to include Cape Crozier. This area appears significantly more favorable during the day today.

## HAZARDS

Moderate wind flow from the east, crossing Hut Pt Peninsula, shows potential for light turbulence over McMurdo Station and Scott Base, especially in the afternoon. Cape Crozier will see moderate turbulence in gusty southerly winds overnight.

## LATEST MCMURDO OBSERVATION

METAR NZCM 081555Z AUTO VRB04KT 9999 SKC M05/M12 A2857 RMK AO2 SLP679 T10501117 \$=

## RUNWAY TAFS

TAF NZFX 081456Z 0815/0915 (0904/1004NZDT) VRB04KT 9999 FEW015 SCT200 QNH2859INS  
BECMG 0816/0818 (0905/0907) 07012KT 9999 FEW015 SCT200 QNH2859INS WND VRB05KT AFT 0902 GRID24012KT

TAF NZWD 081456Z 0815/0915 (0904/1004NZDT) VRB04KT 9999 FEW015 SCT200 QNH2859INS  
BECMG 0816/0818 (0905/0907) 06010KT 9999 FEW015 SCT200 QNH2859INS WND VRB04KT AFT 0902 GRID23010KT

## MCMURDO HELIPAD FORECAST (VALID TIME: 09/0600L - 1800L)

**SFC WIND (TRUE):** 08010KT

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** FEW015

**MIN ALSTG:** 28.59INS

**HAZARDS:** LGT TURBC SFC-040

**SITE & AREA FORECASTS (VALID TIME: 09/0600L - 1800L)**

**SCOTT BASE**

**SFC WIND (TRUE):** 05010KT

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** FEW015

**MIN ALSTG:** 28.56INS

**HAZARDS:** LGT TURBC SFC-040

**GRANITE HARBOR**

**SFC WIND (TRUE):** VRB05KT

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** FEW015

**MIN ALSTG:** 28.56INS

**HAZARDS:** NIL

**HAYSTACK MTN**

**SFC WIND (TRUE):** VRB05KT

**SFC VISIBILITY (SM):** UNRES

**SKY CONDITION (AGL):** FEW015

**MIN ALSTG:** 28.47INS

**HAZARDS:** NIL

**CP CROZIER**

**SFC WIND (TRUE):** 20012G18KT, BECMG 20015G25KT AFT 16L

**SFC VISIBILITY (SM):** UNRES DRSN, BECMG ½ BLSN AFT 16L

**SKY CONDITION (AGL):** FEW015

**MIN ALSTG:** 28.58INS

**HAZARDS:** LGT TURBC SFC-060, BECMG MOD TURBC SFC-100 AFT 16L

**NIGHT AREA OUTLOOKS (VALID TIME: 09/1800L - 10/0600L)**

**CP CROZIER**

**SFC WIND (TRUE):** 20015G25KT

**SFC VISIBILITY (SM):** ½ IN BLSN

**SKY CONDITION (AGL):** FEW015 SCT070

**MIN ALSTG:** 28.58INS

**HAZARDS:** MOD TURBC SFC-100