



HELO Weather

McMurdo Weather
Email: mcm.weather.forecaster@usap.gov
Iridium: 00 8816 7632 0030
Duty Forecaster: x42524
Briefing Counter: x43353

Date (L): Monday, 8 December 2025

Brief Time (L): 0600

Briefing Number: 12-012

FCSTR: Mark Millen

REGIONAL SUMMARY

The Low-pressure system to the true east moves further off to the east today as High pressure strengthens over Ross Island. Expect mostly favorable conditions with increasing northwesterly winds and drifting snow through the forecast period.

HAZARDS

LIGHT TURBULENCE IN THE AFTERNOON AS WINDS INCREASE FROM THE NORTHWEST. LIGHT RIME ICING AROUND BLACK ISLAND IN THE AFTERNOON AS LOW CLOUDS BEGIN TO INCREASE THERE.

LATEST MCMURDO OBSERVATION

METAR NZCM 071455Z AUTO 32003KT 9999 CLR M05/M12 A2958 RMK AO2 SLP021 T10541117 50001

RUNWAY TAFS

TAF NZFX 071458Z 0715/0815 (0804/0904NZDT) VRB06KT 9999 FEW020 FEW040 SCT120 QNH2959INS
BECMG 0805/0807 (0818/0820NZDT) 30012G18KT 9999 DRSN FEW020 SCT040 SCT120 QNH2959INS GRID11012G18KT

TAF NZWD 071458Z 0715/0815 (0804/0904NZDT) VRB06KT 9999 FEW030 FEW060 SCT120 QNH2960INS
BECMG 0805/0807 (0818/0820NZDT) 30012G18KT 9999 DRSN FEW030 FEW060 SCT100 QNH2960INS GRID11012G18KT

MCMURDO HELIPAD FORECAST (VALID TIME: 08/0600L – 1800L)

SFC WIND (TRUE): VRB06KT, BECMG 32015G25KT AFT 13L

SFC VISIBILITY (SM): UNRES, DRSN AFT 13L

SKY CONDITION (AGL): FEW020 SCT040 SCT120

MIN ALSTG: 29.56INS

HAZARDS: LGT TURBC SFC-030

SITE & AREA FORECASTS (VALID TIME: 08/0600L – 1800L)

BLACK ISLAND

SFC WIND (TRUE): 30010KT

SFC VISIBILITY (SM): UNRES, BECMG 3 BR AFT16L

SKY CONDITION (MSL): FEW010 SCT030 BKN120, BECMG BKN005 OVC010 AFT 16L

MIN ALSTG: 29.54INS

HAZARDS: LGT RIME ICING 005-030 AFT 16L

DELLBRIDGE SEAMOUNT

SFC WIND (TRUE): VRB06KT, BECMG 32020G30KT AFT 13L

SFC VISIBILITY (SM): UNRES DRSN AFT 13L

SKY CONDITION (AGL): FEW020 SCT040 SCT120

MIN ALSTG: 29.56INS

HAZARDS: LGT TURBC SFC-030

BULL PASS

SFC WIND (TRUE): 26007KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (MSL): FEW015

MIN ALSTG: 29.47INS

HAZARDS: NIL

MARBLE POINT

SFC WIND (TRUE): 30010G15KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (MSL): SCT015

MIN ALSTG: 29.57INS

HAZARDS: NIL

LAKE BONNEY

SFC WIND (TRUE): 05009KT

SFC VISIBILITY (SM): UNRS

SKY CONDITION (MSL): FEW015

MIN ALSTG: 29.52INS

HAZARDS: NIL

MT VOGLIPS

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): 1 BR, BECMG UNRES AFT 10L

SKY CONDITION (MSL): FEW010

MIN ALSTG: 29.27INS

HAZARDS: NIL

MT LOKE

SFC WIND (TRUE): VRB06KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (MSL): FEW010

MIN ALSTG: 29.32INS

HAZARDS: NIL

LAKE BROWNORTH

SFC WIND (TRUE): 24006KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (MSL): FEW015

MIN ALSTG: 29.46INS

HAZARDS: NIL

LAKE FRYXELL

SFC WIND (TRUE): VRB06KT
SFC VISIBILITY (SM): 3 BR, BECMG UNRES AFT 10L
SKY CONDITION (MSL): FEW020
MIN ALSTG: 29.58INS
HAZARDS: NIL

LAKE HOARE

SFC WIND (TRUE): VRB05KT
SFC VISIBILITY (SM): 5 BR, BECMG UNRES AFT 10L
SKY CONDITION (MSL): FEW020
MIN ALSTG: 29.52INS
HAZARDS: NIL

RIS SITE #2

SFC WIND (TRUE): VRB06KT, BECMG 33010G15KT AFT 13L
SFC VISIBILITY (SM): 1 BR
SKY CONDITION (MSL): FEW005 BKN010
MIN ALSTG: 29.53INS
HAZARDS: NIL

CAPE CROZIER

SFC WIND (TRUE): 30010G15KT
SFC VISIBILITY (SM): 3 BR, BECMG UNRES AFT 11L
SKY CONDITION (MSL): FEW015 SCT025
MIN ALSTG: 29.50INS
HAZARDS: NIL

TURKS HEAD

SFC WIND (TRUE): VRB06KT, BECMG 32010G15KT AFT 13L
SFC VISIBILITY (SM): UNRES
SKY CONDITION (AGL): FEW020 SCT040
MIN ALSTG: 29.53INS
HAZARDS: LGT TURBC 005-030

TRYGGVE POINT

SFC WIND (TRUE): VRB06KT, BECMG 32010G20KT AFT 13L
SFC VISIBILITY (SM): UNRES DRSN AFT 13L
SKY CONDITION (AGL): FEW020 SCT040
MIN ALSTG: 29.56INS
HAZARDS: LGT TURBC SFC-030

SCOTT BASE

SFC WIND (TRUE): VRB06KT, BECMG 30015G25KT AFT 13L
SFC VISIBILITY (SM): UNRES, DRSN AFT 13L
SKY CONDITION (AGL): FEW020 SCT040 SCT120
MIN ALSTG: 29.56INS
HAZARDS: LGT TURBC SFC-030

MIERS VALLEY FLOOR

SFC WIND (TRUE): VRB05KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (MSL): FEW020

MIN ALSTG: 29.54INS

HAZARDS: NIL

COMMONWEALTH GLACIER

SFC WIND (TRUE): VRB05KT

SFC VISIBILITY (SM): UNRES

SKY CONDITION (MSL): FEW020

MIN ALSTG: 29.53INS

HAZARDS: NIL