Activate TOPS McMurdo	Day 1-3	No
	Day 3-5	No
	Day 5-10	No
Activate TOPS Palmer	Day 1-3	No
	Day 3-5	Moderate
	Day 5-10	Possible

Current

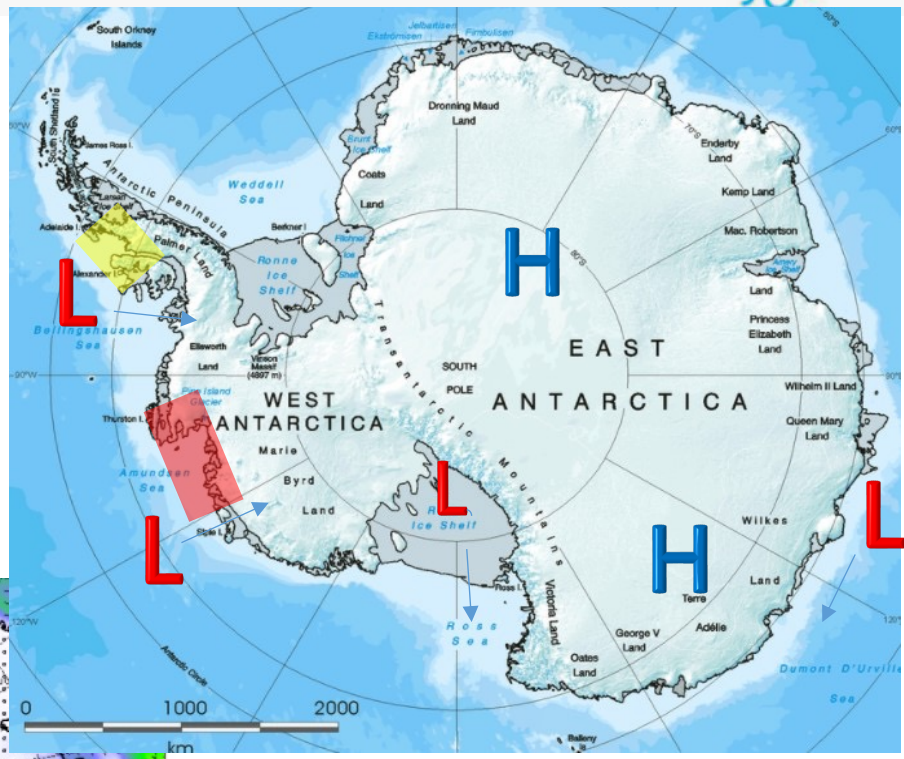
Date: 08/22/2021 VT:00Z

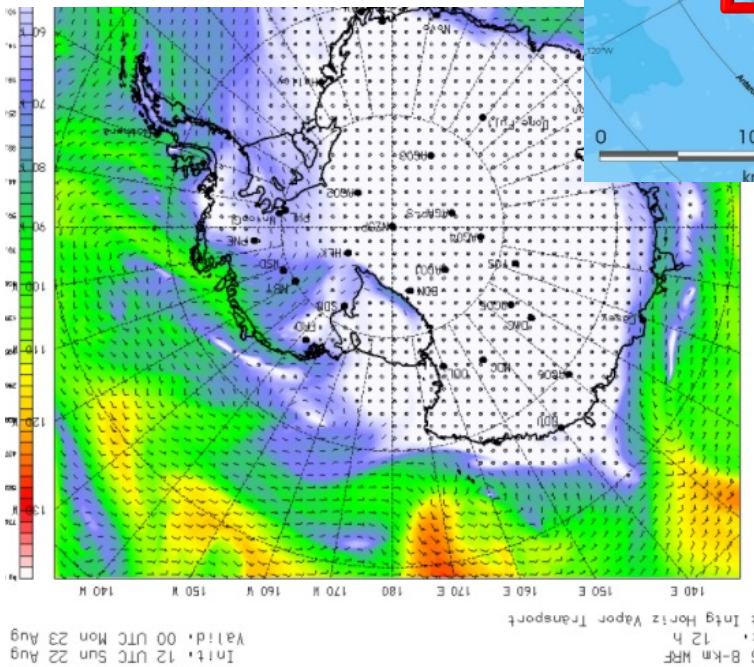
McMurdo Region: No Atmospheric Rivers are expected in the Ross Island region through this period but stormy conditions will occur mid-week.

A depression has moved into the Ross Ice Self. The migration of this system is relatively warmer than the surrounding air on the plateau. The concaved configuration of the Mountains, warm/moist flow that will feeding into the circulation from the Ross Sea and la number of large scale migratory systems rapidly moving across the north end of the Ross Sea will continue allow this circulation to spin over the Ice Shelf until a strong enough Southerly flow is presented to wrap the Ross Ice Shelf depression into one of the larger migratory system to the north. This is expected on McMurdo's Thursday.

During the next 4 days McMurdo will have occasional encounters with the Depression on the ice shelf with the a major influx of its moisture, On Tuesday as a mid-level Low pushes off Victoria Land into the Ross Sea it is expected to pull the low level moisture and channel the wind into McMurdo for a significant snowfall and gusty winds.

Peninsula Region: A series of migratory Lows will invade with mild to moderate Atmospheric River intrusions through out the next 10 days. The third wave entering the region on day 6-8 currently has the greatest trajectory to bring more mid-latitude thermal and moisture pattern into the area.





Activate TOPS McMurdo

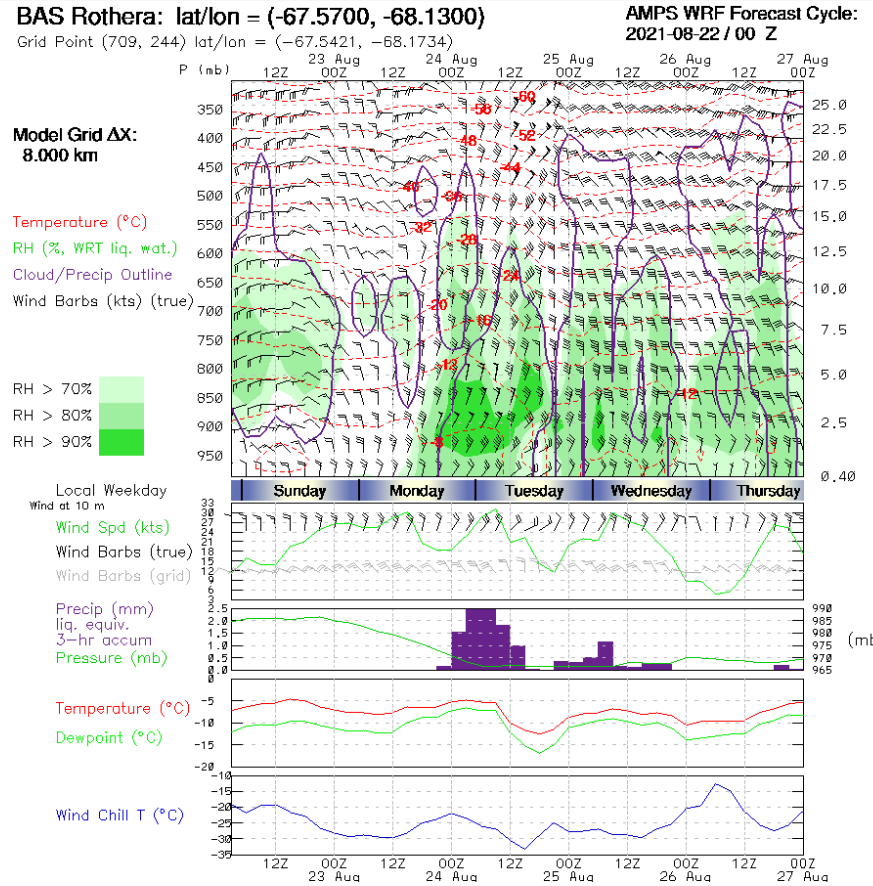
Day 1-3	No
Day 3-5	No
Day 5-10	No

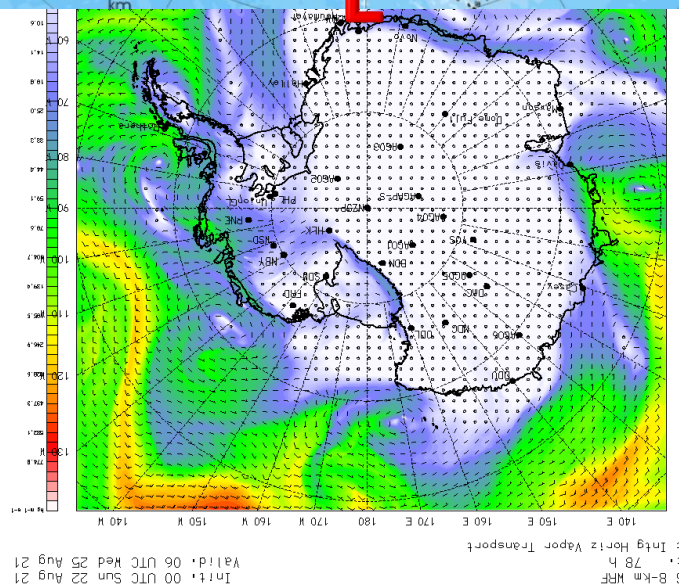
Activate TOPS Palmer

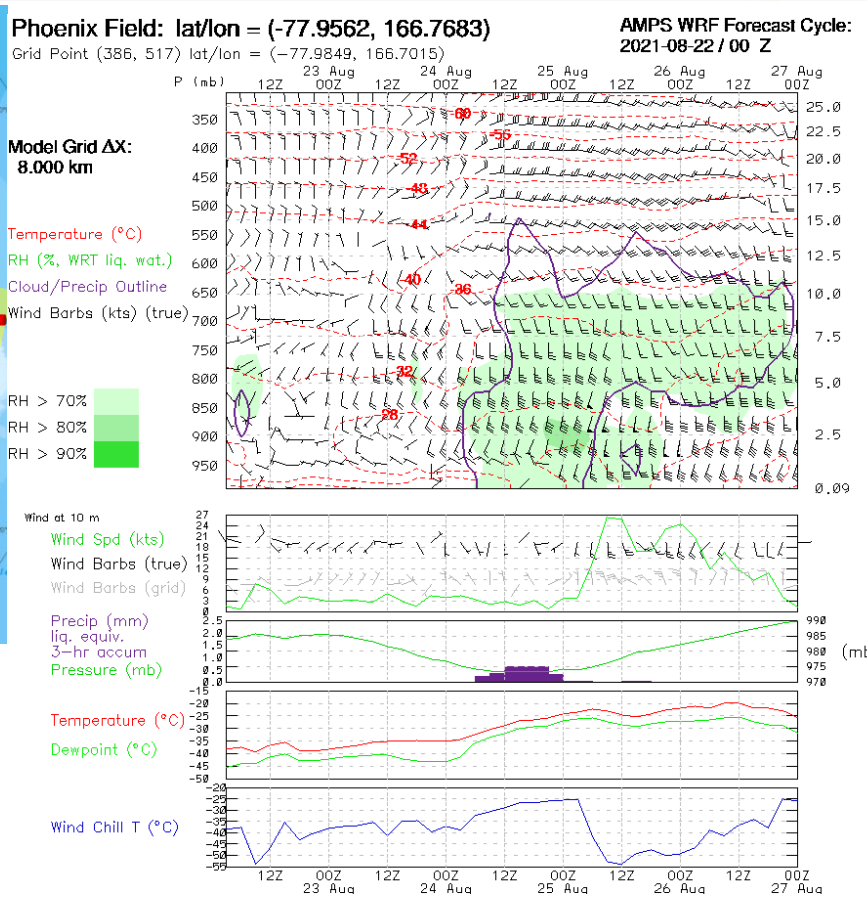
Day 1-3	No
Day 3-5	Moderate
Day 5-10	Possible

3-5 Days

Date: 08/22/2021 VT:00Z

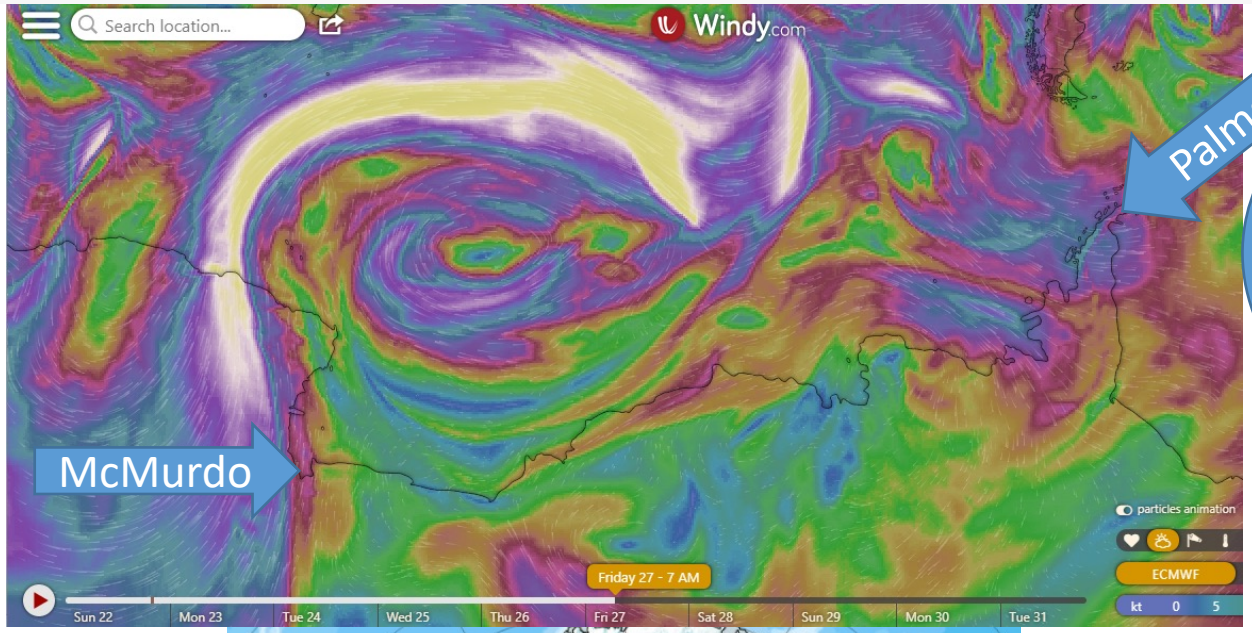






Date: 08/22/2021 VT:00Z

5-10 Days



The potential deep cyclone passing across the Northern boarder of the Ross Sea will continue to protect McMurdo from direct advances from the North. This system will be a major component in altering the steering level as seen on the attached 400hPa Charts to threaten the Peninsula with a series of Atmospheric Rivers with increased intensity