

# Discussion

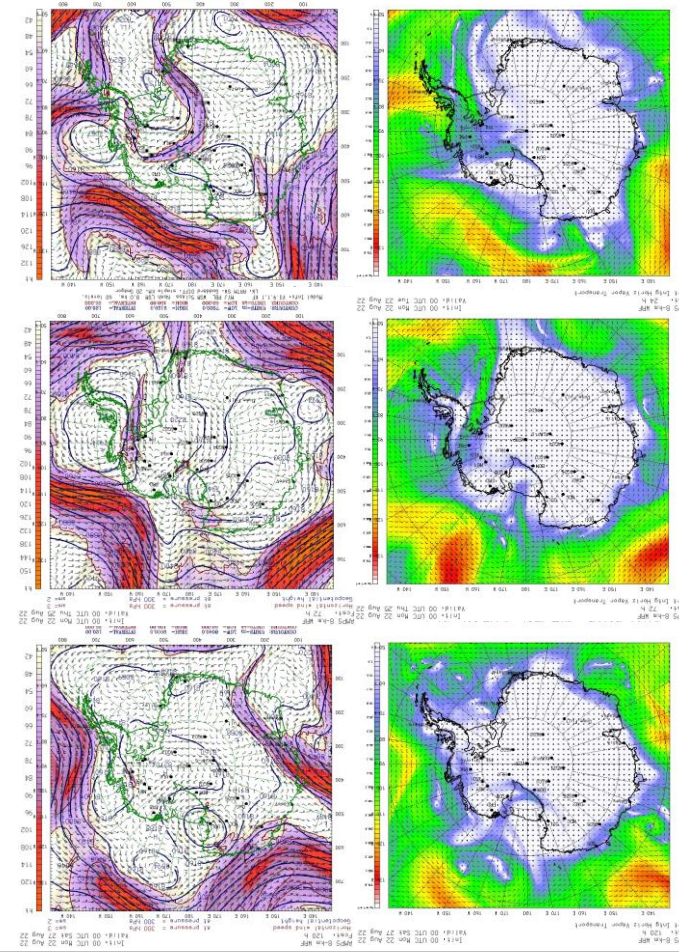
Date Issued: 08-22-2022

Activate TOPS <b>Davis</b>	Day 1-3 Weak Day 4-6 No Day 7-10 Weak	Activate TOPS <b>Casey</b>	Day 1-3 Weak Day 4-6 No Day 7-10 No	Activate TOPS <b>McMurdo</b>	Day 1-3 No Day 4-6 Cyclone Day 7-10 No	Activate TOPS <b>Palmer</b>	Day 1-3 No Day 4-6 No Day 7-10 Yes
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Tue +24hr

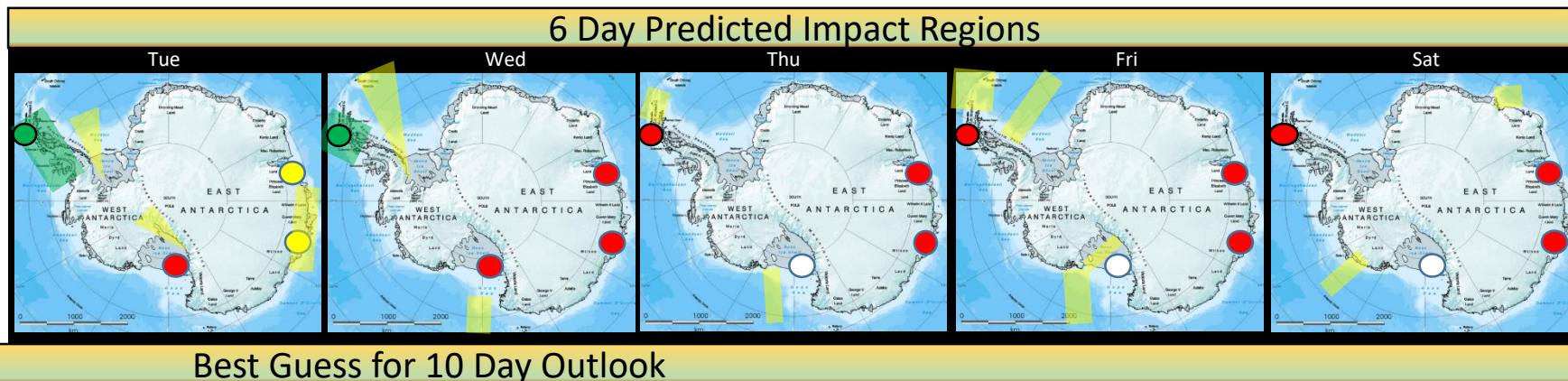
Thu 00z

Sat +120hr



All stations are activated for final TOPS. The circulation will continue to focus activity over the Peninsula with only minor events along the East Antarctic coastline easing as the week progresses.

- Davis Station to Casey will see a very weak AR today and tomorrow. No other activity is expected for the remainder of the week.
- A cyclone will move into the Ross Ice Shelf from the Ross Sea by Thursday cause significant activity with the AR staying South of Ross Island under the influence of the mod-level Low steering flow from Roosevelt Island into Beardmore Glacier.
- The AR over the Peninsula will remain active through Wednesday and migrate into the Weddell Sea later this week.



Best Guess for 10 Day Outlook

**Extended Outlook:**

**Davis – Casey:** A migratory system dragging along the coast will push into Davis Station next Tuesday the 30<sup>th</sup>.

**Ross Island Area:** Cyclonic activity will end early Sunday as the depression over the Ross Ice Shelf fills and drifts out to sea. No other activity is expected for this period.

**Palmer area:** A complex frontal boundary will lay across the coastline from the Amundsen to the tip of South America on Monday the 29<sup>th</sup> maximizing AR impacts over the northern region on the 31<sup>st</sup>.