

# Discussion

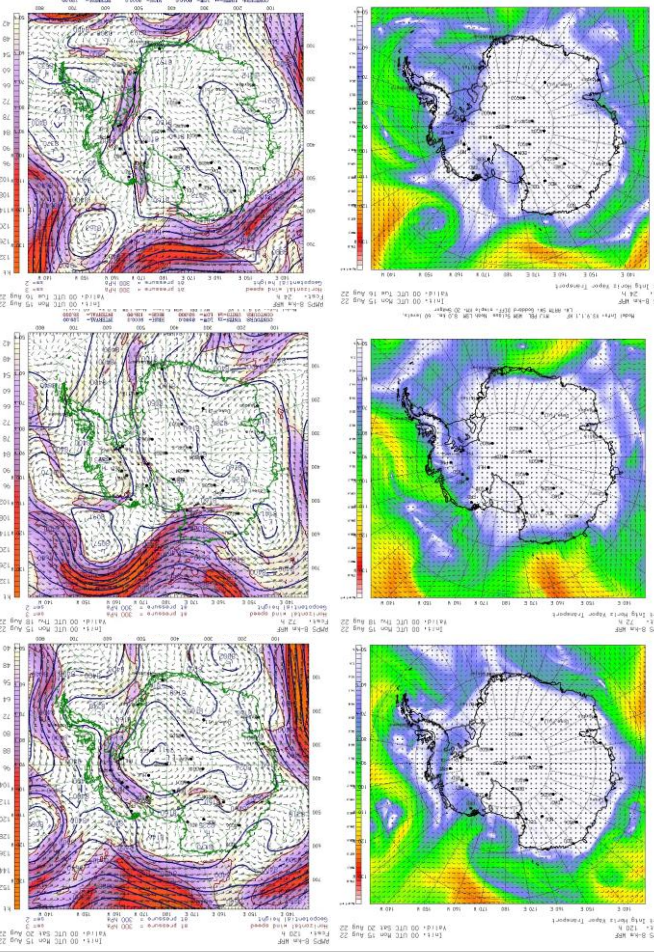
Date Issued: 08-15-2022

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

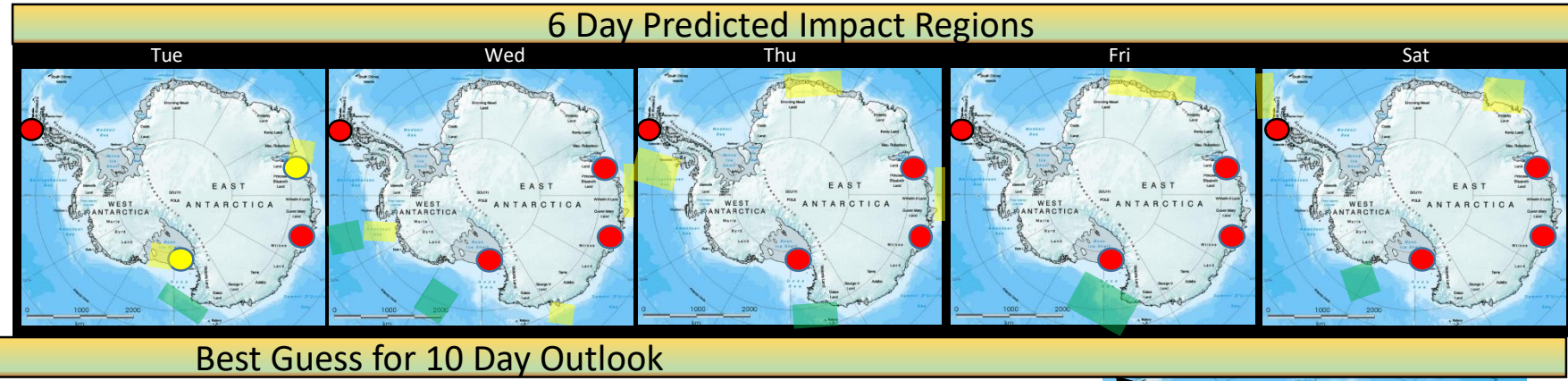
Thu 00z

Sat +120hr



The general steering flow has continued a path mostly seaward of the Antarctica which will produce little activity over the areas of interest this week.

- A cyclone stalled near Davis Station will fill and weaken by tomorrow. Following cyclones will pass seaward of Davis and Casey for the remainder of the week.
- A recurved cyclone passing from the Ross ice Shelf into the Ross Sea today has provided a modified AR and stormy conditions over the area, ending later tonight. A steep ridge invading Victoria Land later this week will provide activity around DDU to Cape Adare but the cyclones will continue across the Ross Sea as they migrate east toward Marie Byrd Land.
- The Peninsula will see most activity over the Drake Passage and tip of South America into the weekend.



Best Guess for 10 Day Outlook

**Extended Outlook:**

**Davis – Casey:** A migrating cyclone will skirt the coastline from Davis to Casey on Tuesday with some light temperature and precipitation intrusions inland.

**Ross Island area:** Systems will continue to roll past through the Ross Sea, north of Ross Island. A potential exists next week for a distal low to recurve from Marie Byrd Land into Ross Ice Shelf where this cyclone would provide stormy conditions on Wednesday up the Transantarctic Mts but will lack AR properties.

**Palmer area:** A series of depressions will move across the Drake and into Bellingshausen Sea with strong AR over the central to northern Peninsula.

