

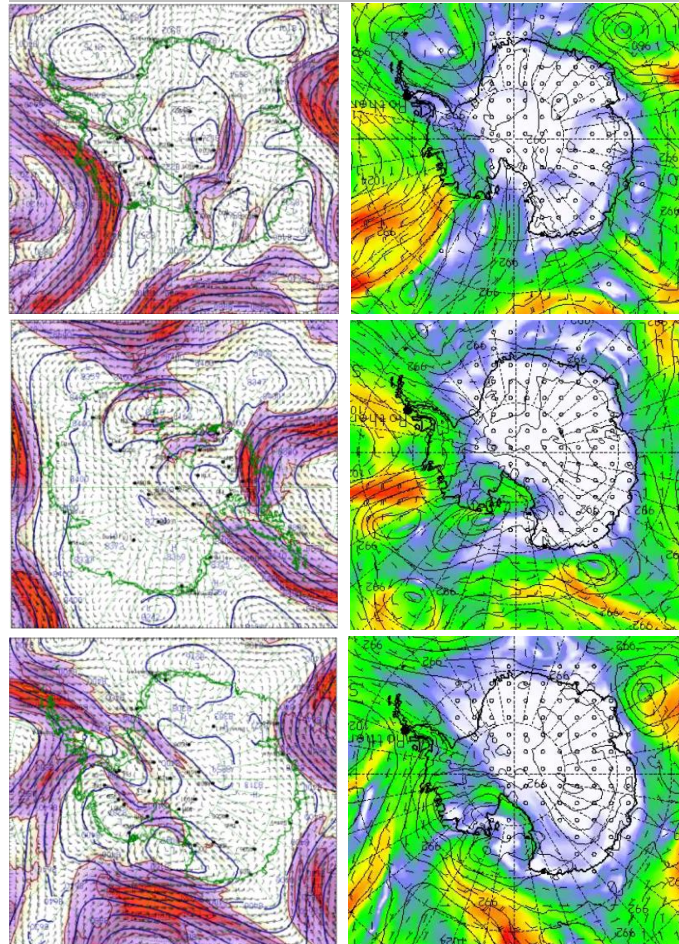
Discussion

Date Issued: 05-26-2022

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| Activate TOPS Davis | Day 1-3 Day 4-6 Day 7-10 | Weak No No | Activate TOPS Casey | Day 1-3 Day 4-6 Day 7-10 | No No No | Activate TOPS McMurdo | Day 1-3 Day 4-6 Day 7-10 | Weak Yes No | Activate TOPS Palmer | Day 1-3 Day 4-6 Day 7-10 | No No No |
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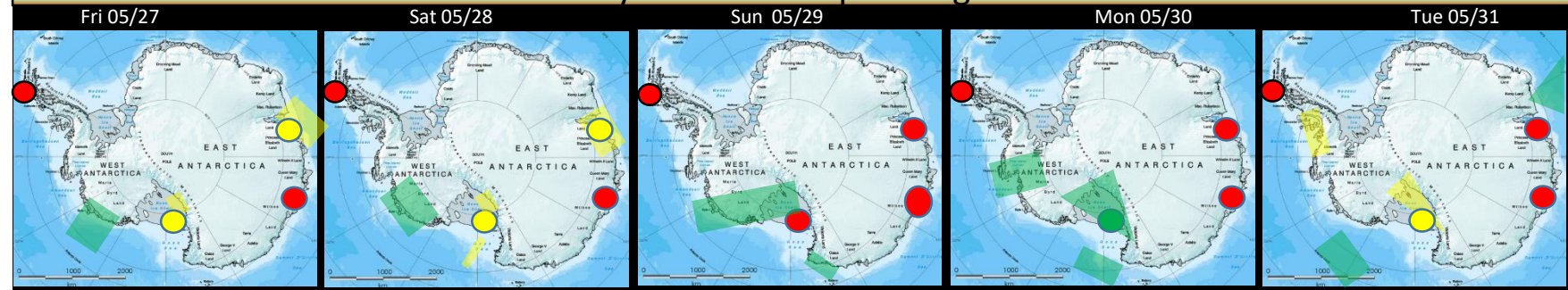
Over the next 6 days the main activity will remain with western Antarctica. Long waves add a 5th spoke over the Atlantic Ocean, pulling the steering flow farther northward. The depression over the Ross Sea will continue a flow into Ross Island from the southern Ross Ice Shelf.

- East Antarctica has a push into Davis that is weaker than previously expected. There are no advancing systems following this minor event easing early Saturday.
- The upper level cyclonic circulation over the Ross Sea will tighten through this period and will force one more migratory systems into the Ross Ice Shelf. The final push will peak on Monday and move an AR over Ross Island and regions north along the Transantarctic's.
- Antarctic Peninsula will be dominated by an off continent flow through this period. The series of Lows in the Ross Sea will shift eastward by the end of this period presenting more favorable conditions for AR's in this region after next week.



Fri +24hr
Sun +90hr
Tue +120hr

6 Day Predicted Impact Regions



Best Guess for 7-10 Day Outlook (06/01-06/04)

AUS NZ PA Roth

No significant AR's approaching Antarctica

EC-3 Jun 2022 21Z 925hPa Wind/Temp

Davis Casey RI

Princess E.-Wilkes Land 3 Jun

George V - M. Byrd Land 3 Jun

Antarctic Peninsula 3 Jun

Extended Outlook:
Davis – Casey: The plateau high will extend over this region with colder temperatures and no AR's expected.
Ross Island area: The flow forcing AR's into the Ross Island area will pull out and head eastward on during this period and the plateau high will extend over the region by mid-next week.
Palmer area: The off continent flow will change to a westerly but no AR's are expected at this time.