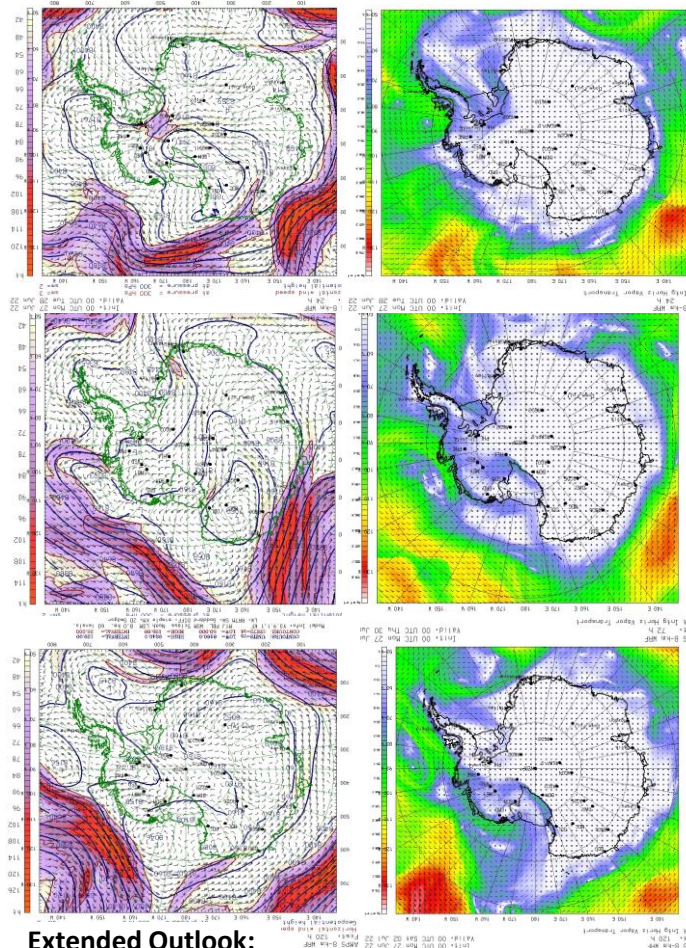


Discussion

Date Issued: 06-27-2022

Activate TOPS Davis	Day 1-3 Day 4-6 Day 7-10	Weak No Weak	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	No No Weak	Activate TOPS Palmer	Day 1-3 Day 4-6 Day 7-10	No Weak No
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Tue +24hr

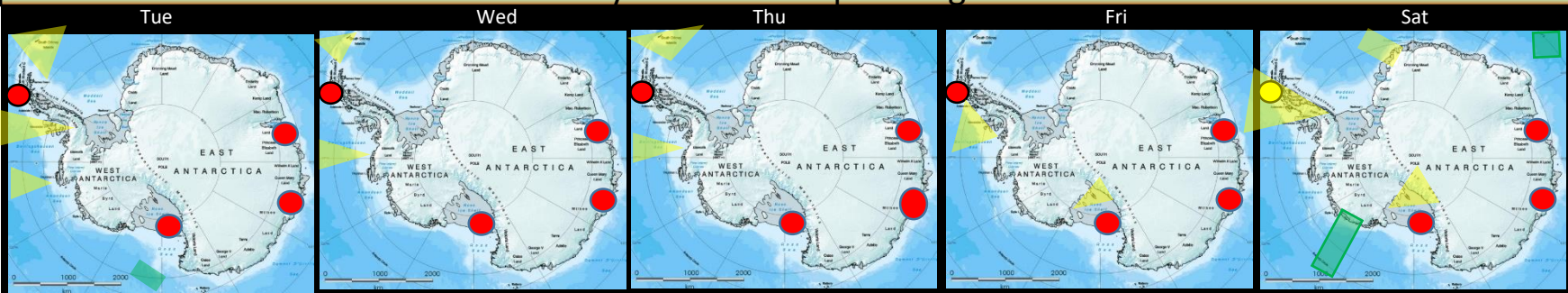
Thu 00Z

Sat +120hr

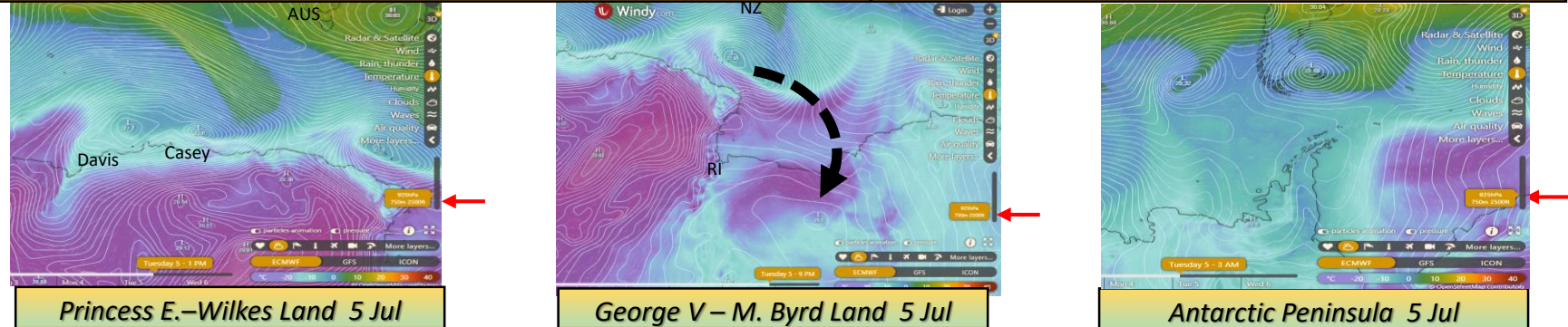
Upper level flows steering AR's are well off the coastline and producing no significant thermal events for the week. By Friday, the flow will change as jet maximums begin to force a greater meridional flow one into the Amundsen Sea, and a second toward Princess Elizabeth Land.

- A weak AR over Davis station has very little mid latitude support and will diminish by Wednesday. Casey Station will see no AR intrusions into the weekend
- Ross Sea will have another deep low move into the region from the Oates Coast but the AR thermal activity will stay well out to sea during this period. Although a series of cyclones will develop with the shortwaves around this decaying system, they are only expected to maintain a minor AR signature and projected to stall and fill over the central to southern Ross Ice Shelf.
- A weak AR over the region will diminish by Tuesday and will pass through the Drake Passage tomorrow. A weak AR associated with a low migrating through the region will stall a front along the coast on Saturday with a minimal AR signature.

6 Day Predicted Impact Regions



Best Guess for 10 Day Outlook



Princess E.-Wilkes Land 5 Jul

George V - M. Byrd Land 5 Jul

Antarctic Peninsula 5 Jul

Extended Outlook:
Davis – Casey: Two migrating waves move into the region and slowly fill near the coast next week but the thermal activity is not matching moisture intrusions at this time on the EU model.

Ross Island area: Stormy but the AR activity is weak for this period. A series of migrating waves into the region appear to be setting up a more favorable track, *but not perfect*, from DDU rounding Cape Adare just beyond this forecast period.

Palmer area: A High will develop in The Bellingshausen for this period as migrating Lows slip farther North. No activity expected