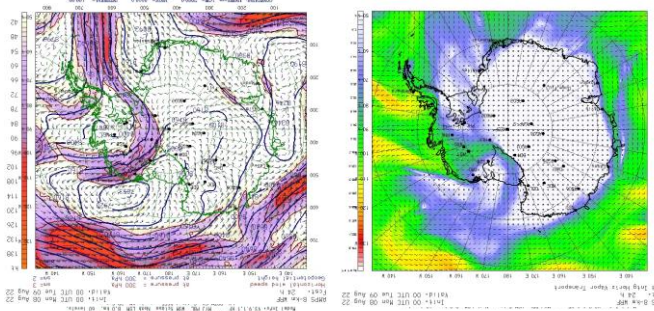


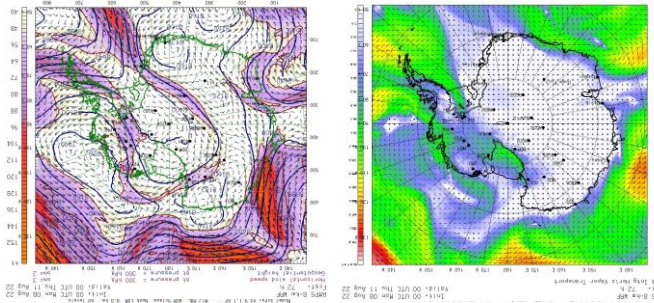
# Discussion

Date Issued: 08-08-2022

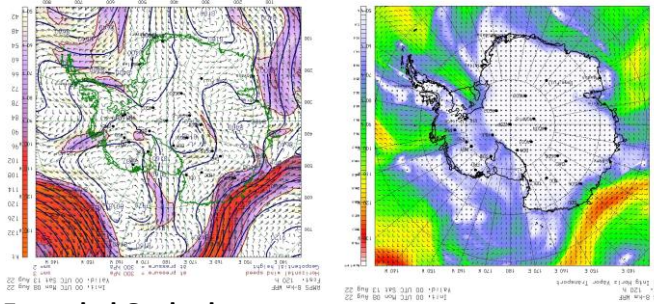
Activate TOPS <b>Davis</b>	Day 1-3 No Day 4-6 Weak Day 7-10 No	Activate TOPS <b>Casey</b>	Day 1-3 No Day 4-6 Weak Day 7-10 No	Activate TOPS <b>McMurdo</b>	Day 1-3 No Day 4-6 Weak Day 7-10 No	Activate TOPS <b>Palmer</b>	Day 1-3 Yes Day 4-6 Weak Day 7-10 No
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Tue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



Thu 00Z

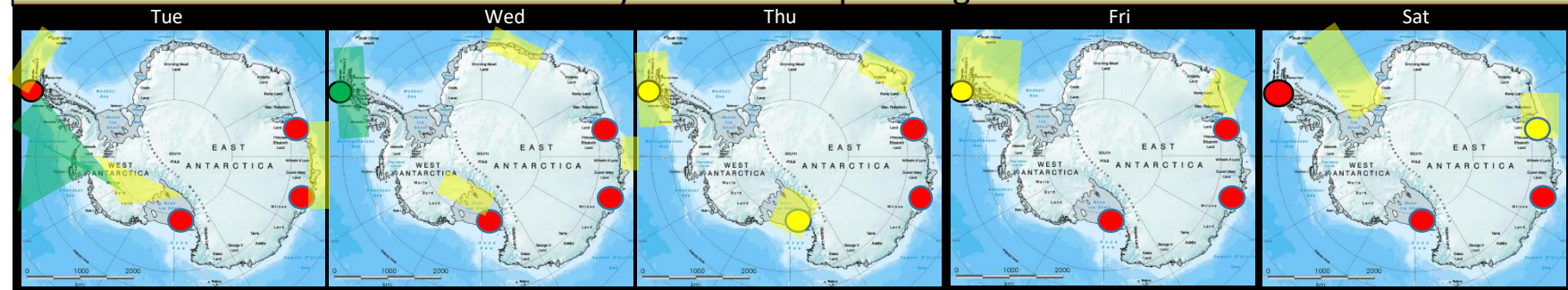


Sat +120hr

The only major Jet activity remains over Western Antarctica which is weakening but will drive an intrusion into the Peninsula with one AR migrating into the Ross Ice Shelf by mid-week. The flow will keep intrusions over east Antarctica to a minimum this period.

- Davis and Casey Stations will have weak impacts on Saturday while most migrating system stay coastal this week.
- The upper level low over Amundsen Sea will drive a moist and wind event into the Ross Island late Wednesday and Thursday. This will be a highly mixed AR sampling due to the long trajectory over Marie Byrd Land.
- Short waves migrating through the Pacific will bring weak to fair AR's across the Peninsula throughout the week.

## 6 Day Predicted Impact Regions



## Best Guess for 10 Day Outlook

**Extended Outlook:**  
**Davis – Casey:** A weak AR will skirt the stations starting on Monday but will have minimal advances into the interior.

**Ross Island area:** No AR's expected as the broad steering flow remains off Marie Byrd Land over the central Ross Ice Shelf.

**Palmer area:** Cyclones will move through the Drake Passage producing weak AR's in the Northern sector through Monday. A strong ridge will provide a brief pause in activity early next week.

AUS NZ  
EC – 15-17 Aug 2022  
SFC Press/Pcpn

Princess E.–Wilkes Land

EC - 15 Aug SFC  
Press/Winds

George V – M. Byrd Land

PA  
Roth  
EC - 15 Aug SFC  
Press/Winds

Antarctic Peninsula