

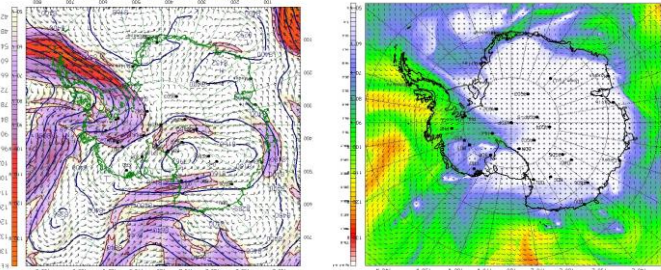
# Discussion

Date Issued: 06-23-2022

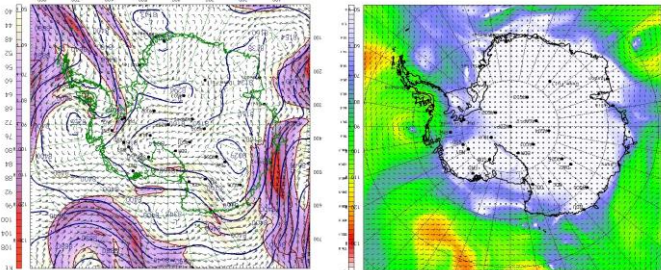
Activate TOPS <b>Davis</b>	Day 1-3 Day 4-6 Day 7-10	● No ● No ● No	Activate TOPS <b>Casey</b>	Day 1-3 Day 4-6 Day 7-10	● No ● Weak ● No	Activate TOPS <b>McMurdo</b>	Day 1-3 Day 4-6 Day 7-10	● No ● No ● No	Activate TOPS <b>Palmer</b>	Day 1-3 Day 4-6 Day 7-10	● No ● No ● No
-------------------------------	--------------------------------	----------------------	-------------------------------	--------------------------------	------------------------	---------------------------------	--------------------------------	----------------------	--------------------------------	--------------------------------	----------------------

Limited activity over the next 6 days. Although lows exist along the coastline most systems are of shorter amplitude with AR's moving rapidly across the southern ocean.

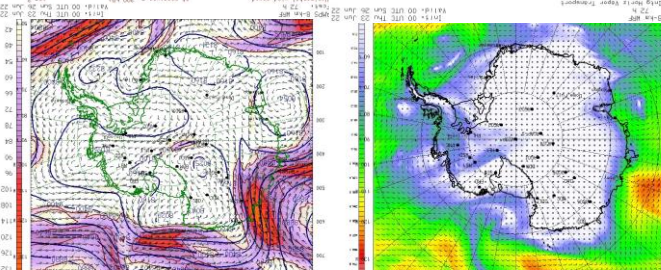
- A migratory systems will produce a weak AR over Casey Station early next week.
- A major cyclone will move into the central Ross Sea by Tuesday. The jet max during this period is too strong on the equatorward side to allow significant retrograding movement toward Ross Island.
- The blocking high off Chile weakens and splits into two centers allowing systems to migrate through the Drake Passage this weekend. Only weak AR's will impact the northern tip.



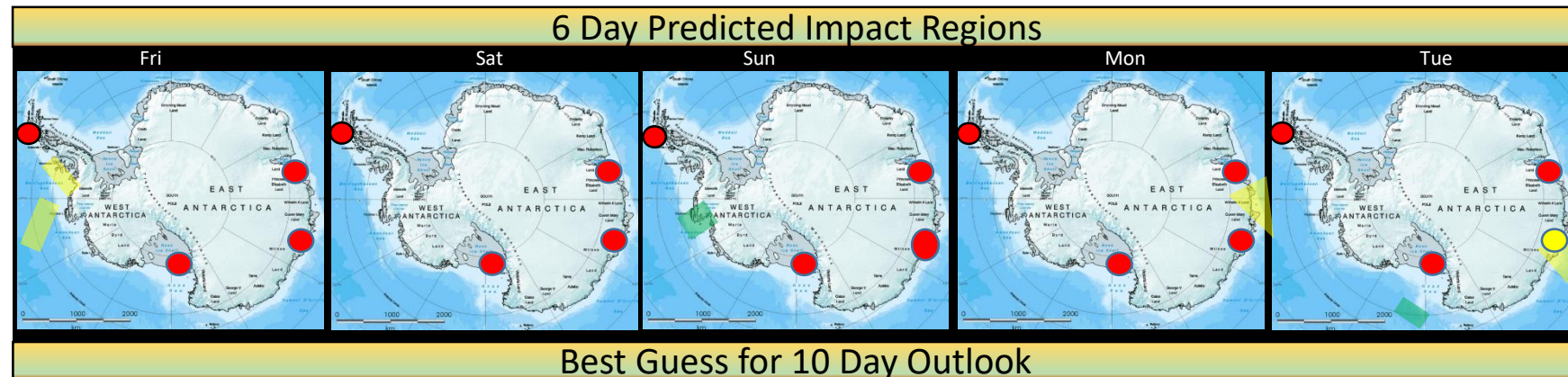
Fri +24hr



Sun +72hr



Tue +120hr

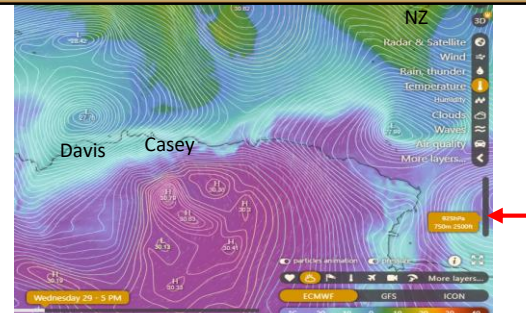


Best Guess for 10 Day Outlook

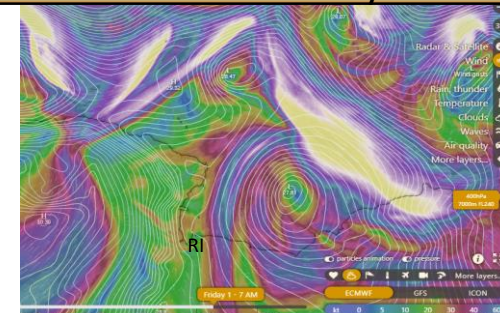
**Extended Outlook:**  
**Davis – Casey:** Tuesday-Wednesday will see an AR advance close to Casey.

**Ross Island area:** The closer the period the father away the system goes. The stacked low will stall over the central Ross Sea and force the AR into Marie Byrd Land. A reciprocating barrier wind will feed cold dry air along the Transantarctic Mountains into the decaying wave.

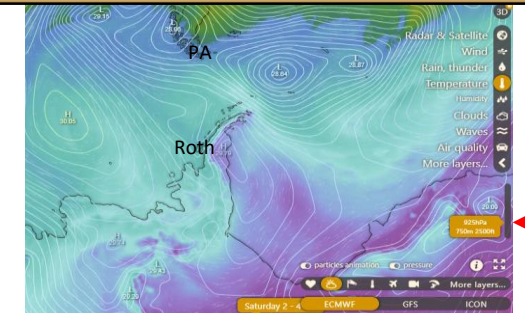
**Palmer area:** Minor quick moving waves will move through the Drake with little impact.



Princess E.-Wilkes Land 19 May



George V - M. Byrd Land 19 May



Antarctic Peninsula 18 May