

Discussion

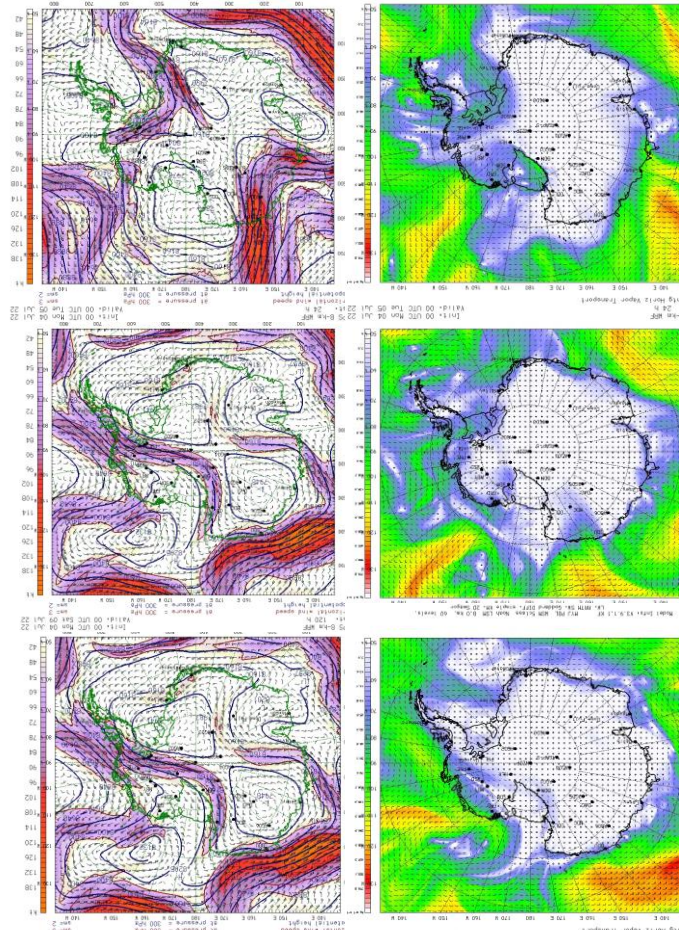
Date Issued: 07-04-2022

Activate TOPS	Day 1-3	Day 4-6	Day 7-10	Activate TOPS	Day 1-3	Day 4-6	Day 7-10	Activate TOPS	Day 1-3	Day 4-6	Day 7-10	Activate TOPS	Day 1-3	Day 4-6	Day 7-10
Davis	Active	Active	Active	Casey	Active	Active	No	McMurdo	Active	Active	No	Palmer	Weak	No	Yes

Tue +24hr

Thu 00z

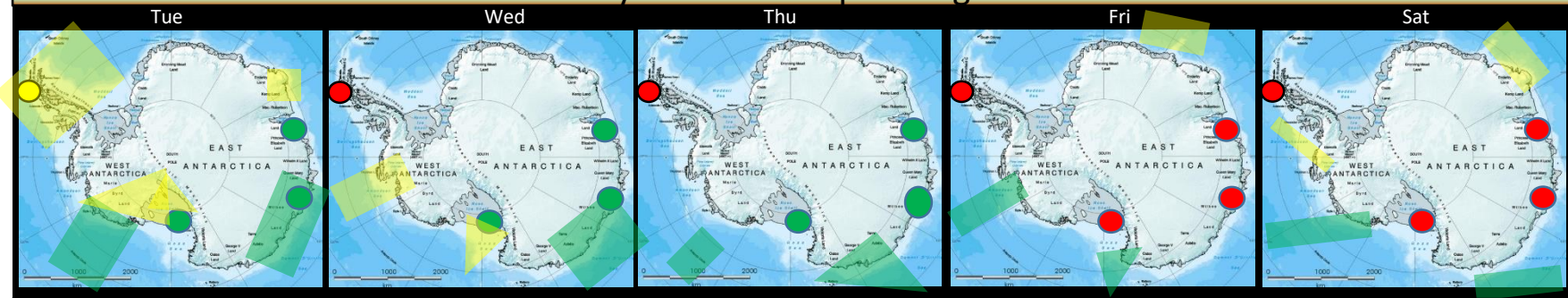
Sat +12hr



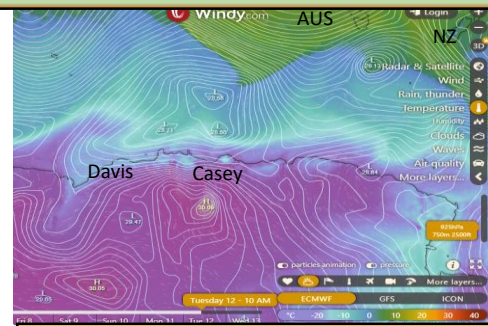
Eastern Antarctica and Ross Sea Stations will remain active until 8 July 00Z. A jet stream movements inland over Western Antarctica has and a strong max over Eastern Antarctica is producing AR activity currently being captured. The upper level flow weaken over the continent by mid-week reducing AR progressions inland.

- A frontal boundary and associated low pressure centers will drag along the East Antarctic Coast with AR intrusions reaching up to 70S in the interior south of Casey Station. This system will progress eastward through the week before exiting over Cape Adare and moving across the Ross Sea.
- A Low pressure system in the Ross Ice Shelf will move into the Ross Sea and will advect a modified AR from West Antarctica. DDU will see activity from the system moving across East Antarctica by Thursday.
- A weak AR will pass early this week with no other activity expected into the weekend.

6 Day Predicted Impact Regions



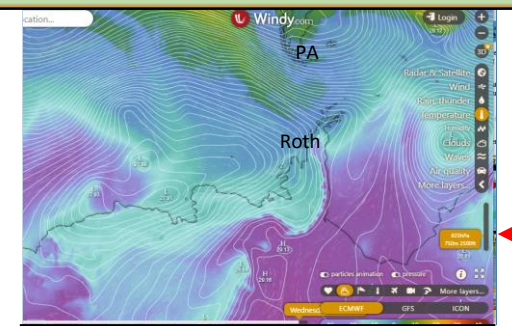
Best Guess for 10 Day Outlook



Princess E.–Wilkes Land 12 Jul



George V – M. Byrd Land 10 Jul



Antarctic Peninsula 13 Jul

Extended Outlook:
Davis – Casey: Major systems will stay north of the region producing no activity during this outlook period.

Ross Island area: Best activity will be along the Oates Coast as a migrating low passes on Sunday moving into the Northern Ross Sea early next week.

Palmer area: An AR will approach next Wednesday from deep in the Atlantic and is currently projected to maintain solid AR properties as it approaches the west coast.