

SCOAPE Wx Forecast Briefing

May 13, 2019

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SCOAPE Outlook:

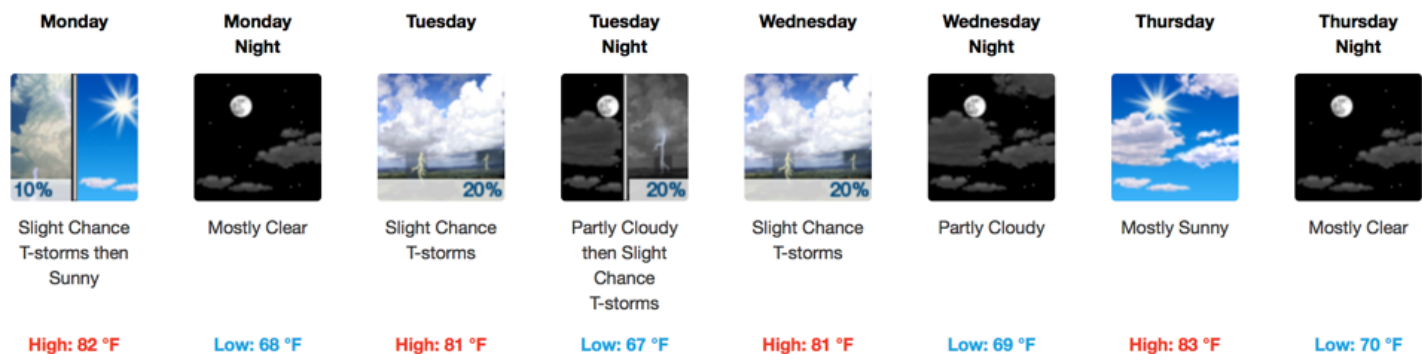
May 13, 2019 (Today) & May 14, 2019 (Tuesday)

- Upper-level energy over northern Mexico will move eastward to Texas while weakening by Tuesday morning. The energy will continue to weaken while moving to Central Gulf Coast by Wednesday. Chance of showers/thunderstorms with this disturbance.
- **May 13 plan:** Based on winds and weather, sampling deepwater platforms out near Atlantis during day looks to be best option. Some low level clouds possible at satellite overpass time. Then travel to Brutus area overnight.
- **May 14 plan:** Should sample near Brutus and platforms north of Brutus. Possible rain showers south and east of Brutus Tuesday (near Mars/Olympus in afternoon).
- **For land team:** Today and Tuesday looks to have offshore flow (continental air) with shift to onshore flow by Wednesday. Some low level clouds throughout today along coast.

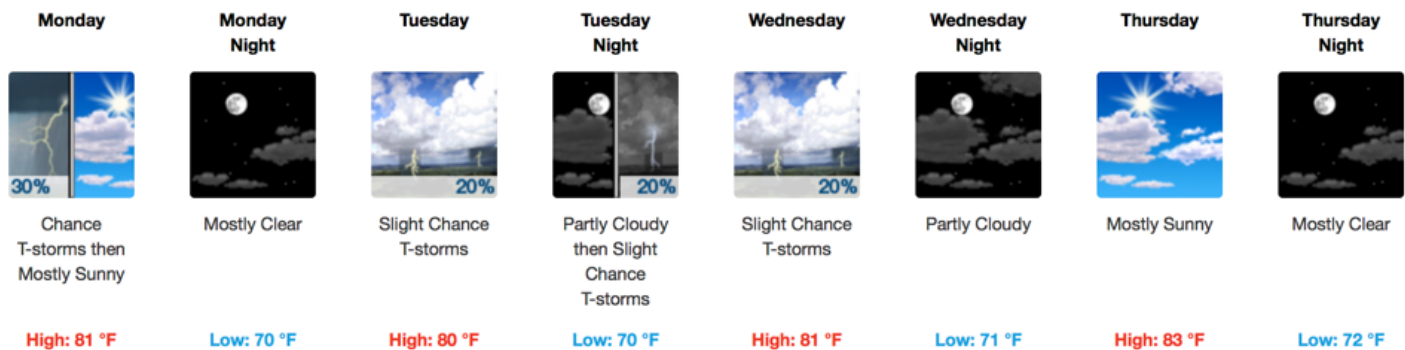
Cocodrie Today: 20 % chance of showers & thunderstorms before 7am. Mostly cloudy, then gradually becoming sunny. Northeast wind 5-10 mph.

Cocodrie Tuesday: 20 % chance of showers & thunderstorms. Mostly sunny, with high 81. East wind 10-15 mph.

Cocodrie:

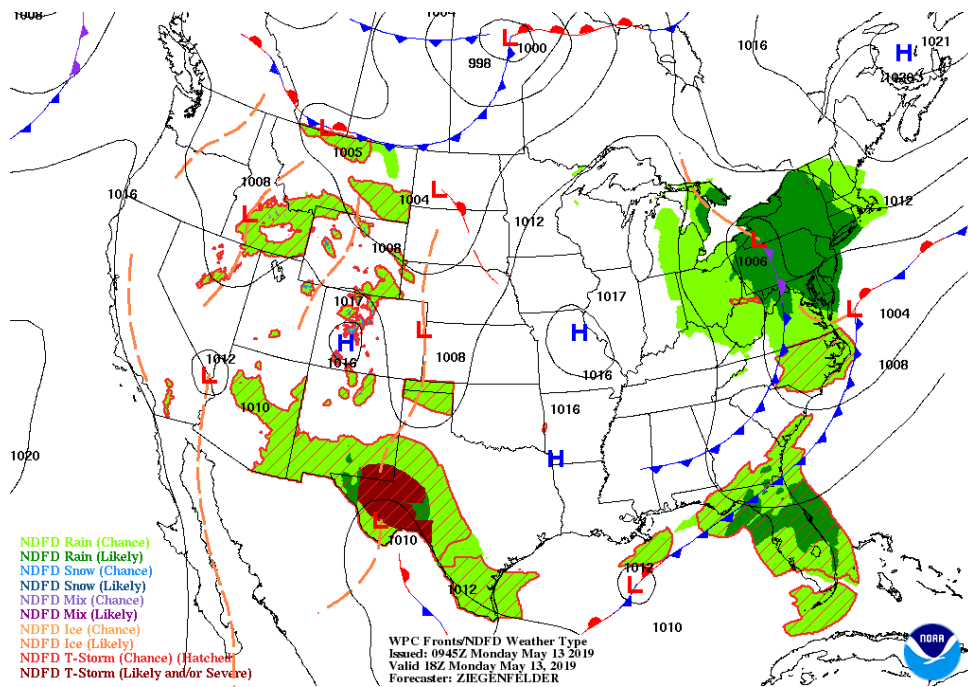


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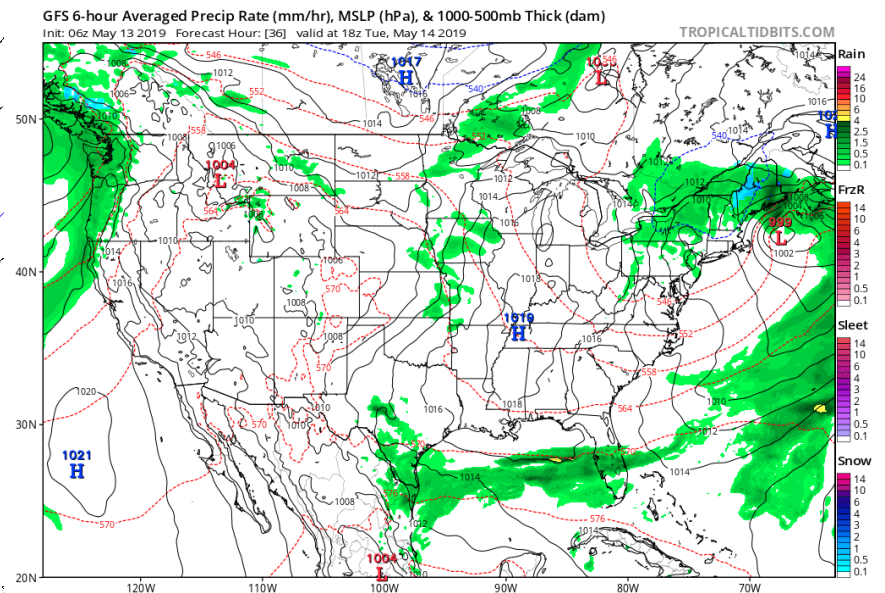


General Outlook for Monday (5/13) & Tuesday (5/14): Chance of showers/thunderstorms.

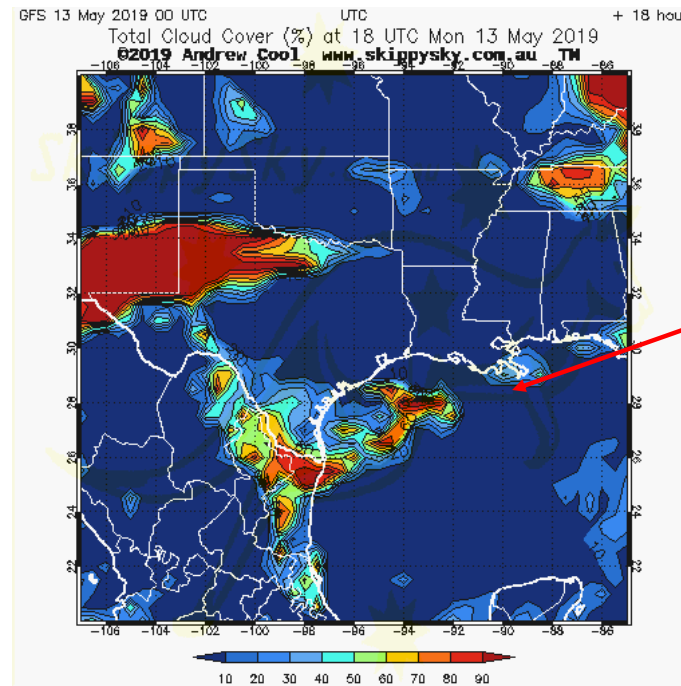
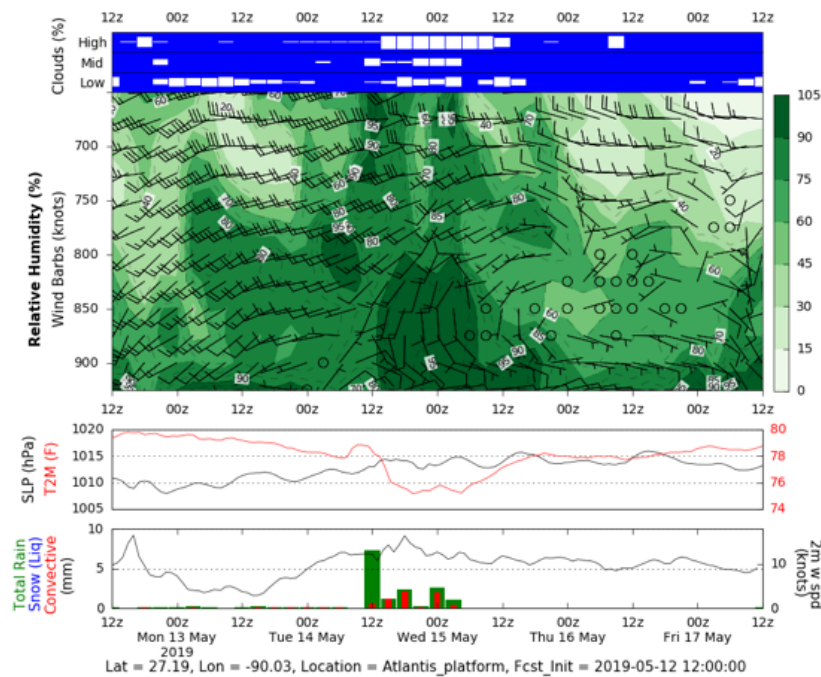
Today at 1pm CDT



GFS Tuesday at 1pm CDT



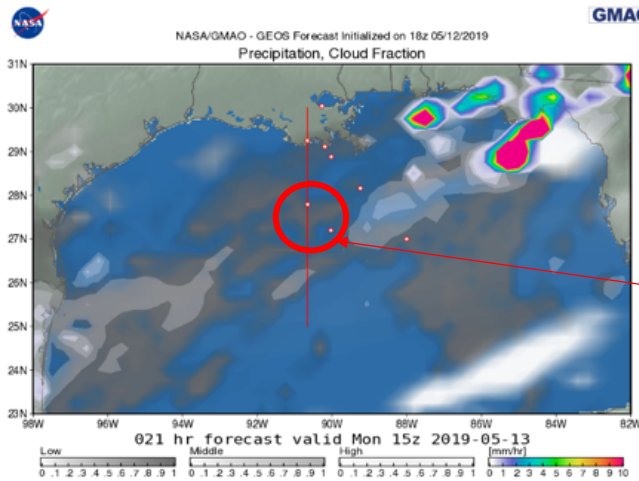
Monday Daytime: Conditions look good for sampling deepwater platforms out near Atlantis. GEOS shows scattered low level clouds. GFS has cloud cover at <10%.
Overpass times: TROPOMI 18:16 (1:16 LT) & 19:56 (2:56 LT), OMI 18:51 (1:51 LT)



Land team:
 Low level
 clouds also
 possible
 near shore
 during
 overpass
 time.

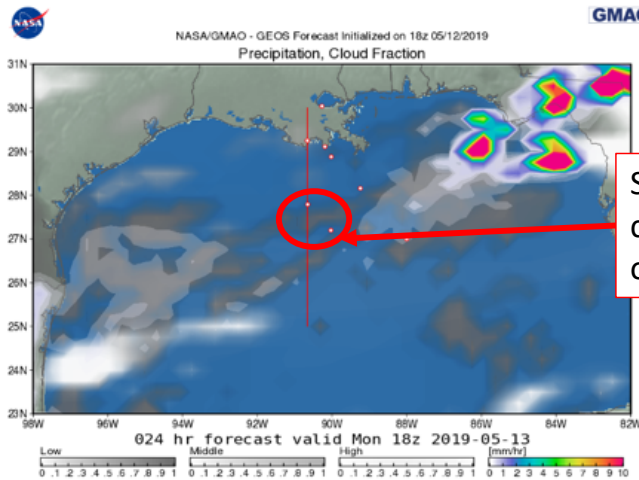
GEOS Cloud Cover and Precipitation for Today (5/13)

Today
10 AM CDT



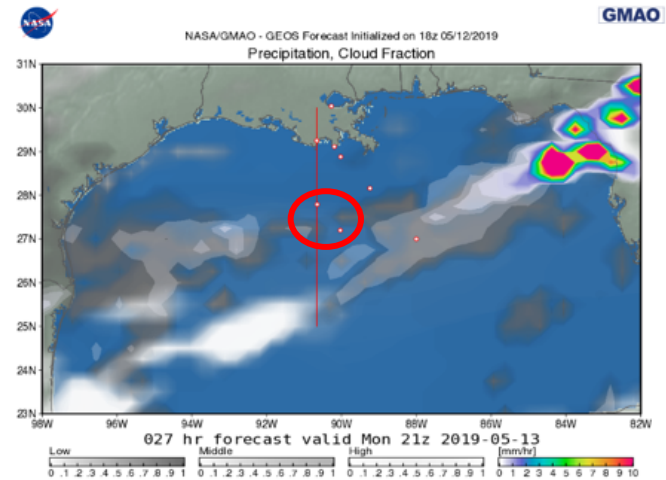
Point Sur Location

Today
1 PM CDT



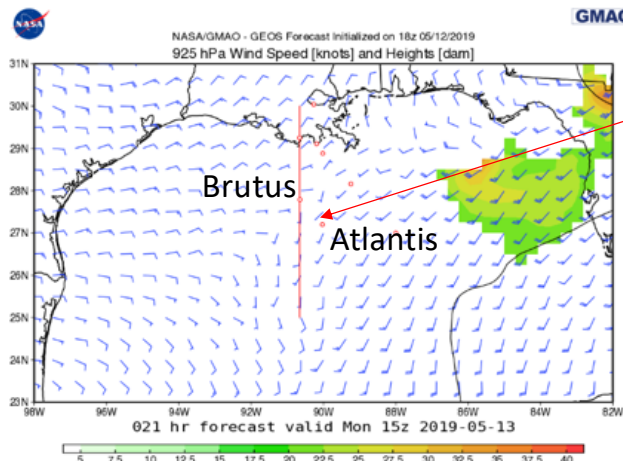
Scattered low level clouds at satellite overpass.

Today
4 PM CDT



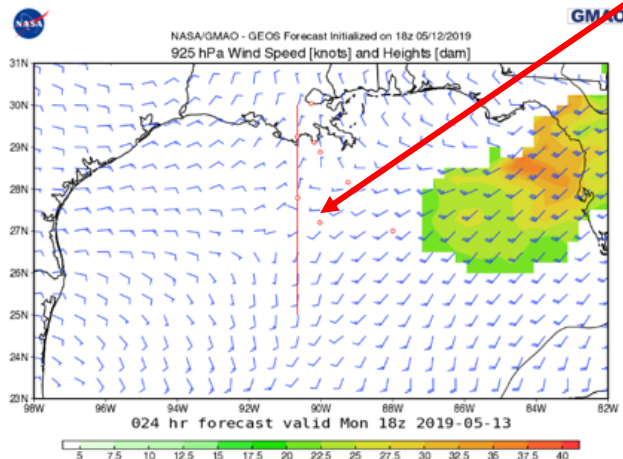
GEOS Winds for Today (5/13)

Today
10 AM CDT

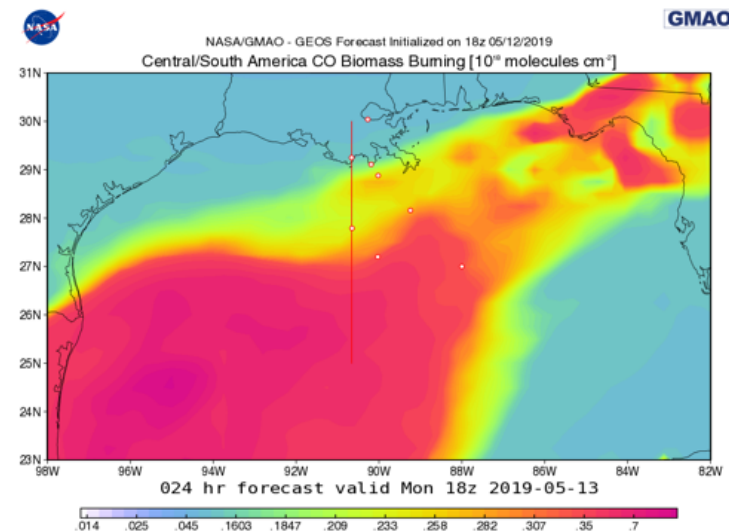


GEOS & GFS show divide between Southerly marine flow (CO from Central/South America) and continental flow out of the east, northeast (Fossil fuel CO from North America) near Atlantis & Brutus today.

Today
1 PM CDT

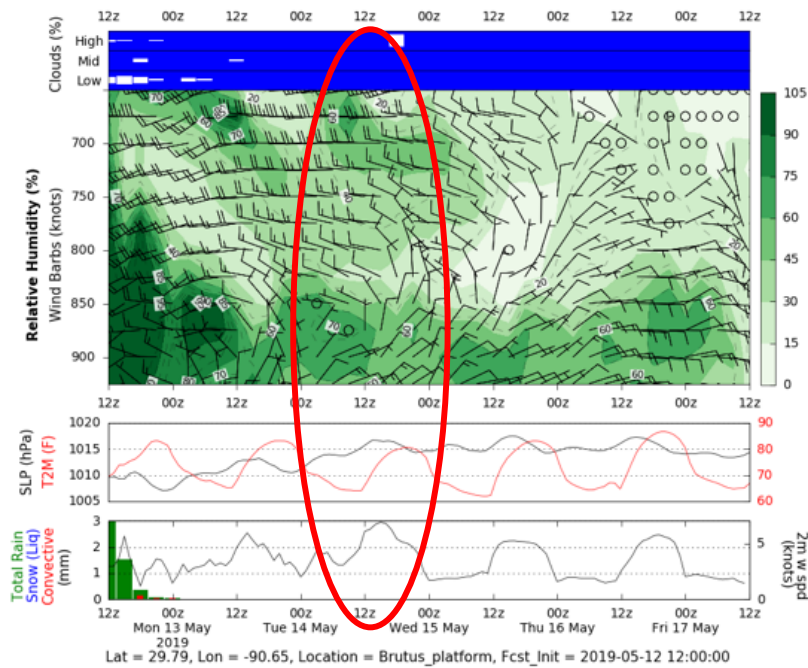


Today
1 PM CDT

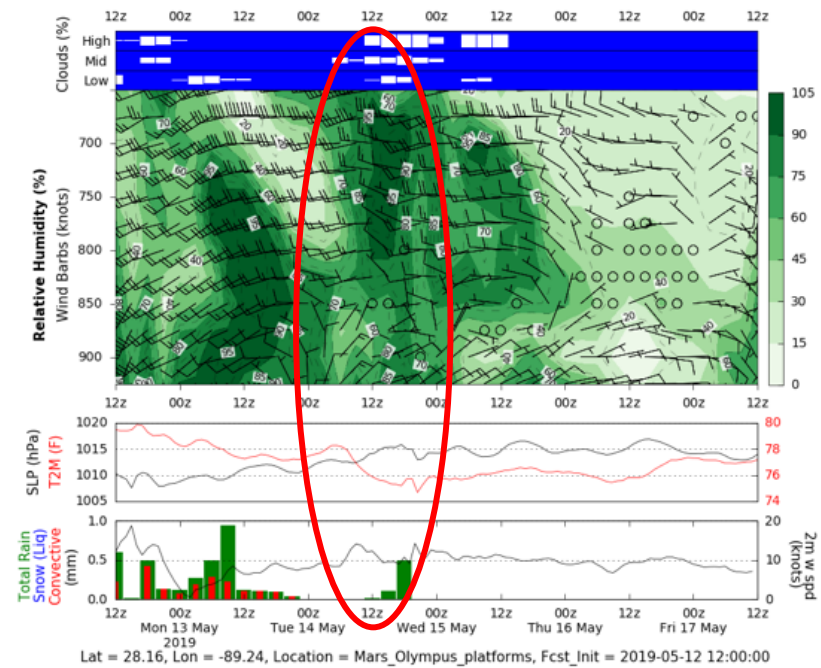


Tuesday Daytime: Possible disturbance near Mars/Olympus on Tuesday afternoon suggests going to Brutus better option for 5/14.

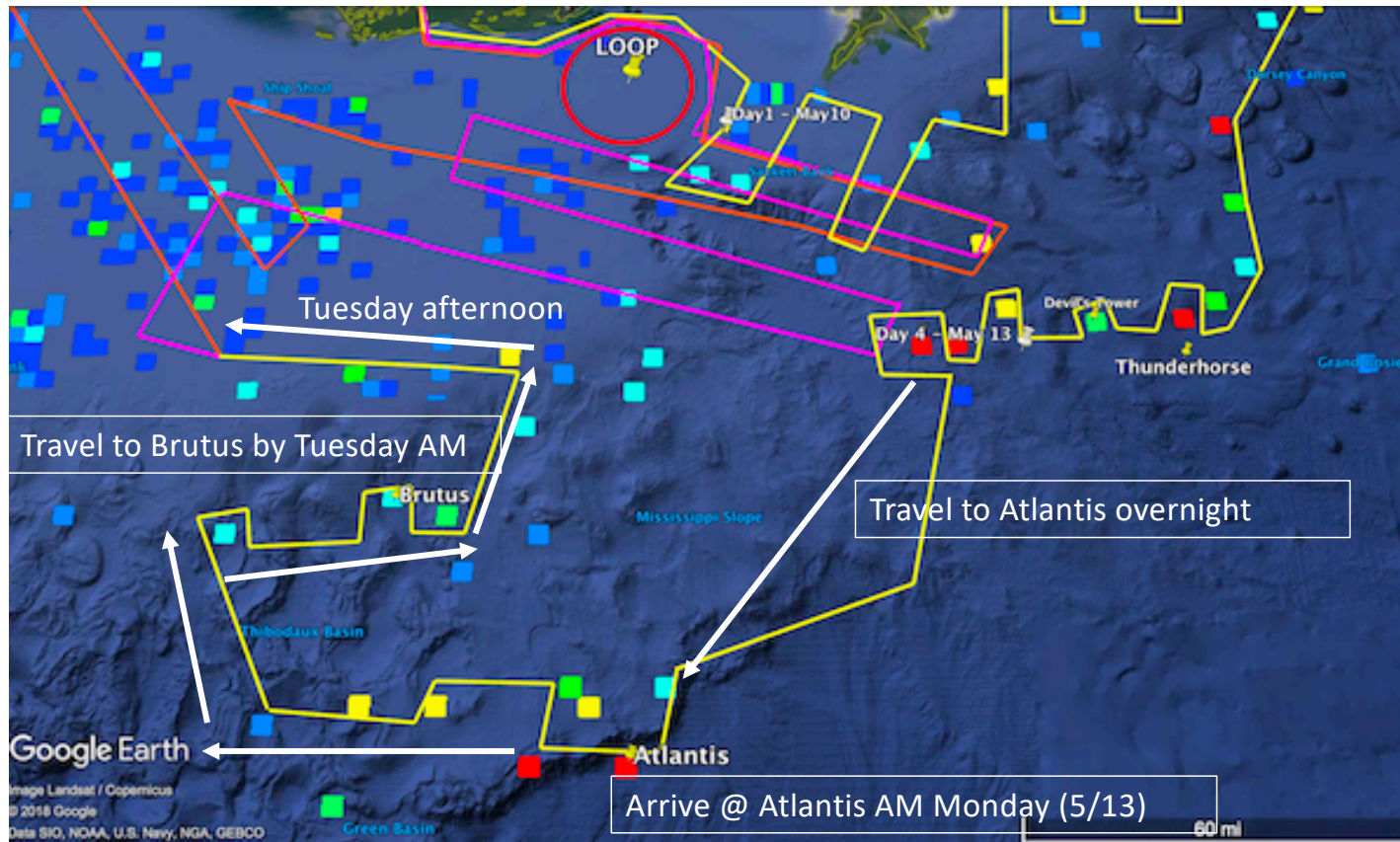
Brutus



Mars/Olympus



Suggested Plan for Today (5/13) and Tuesday (5/14)



- Continue along yellow track daytime Monday and sample platforms east of Atlantis.
- Continue to Brutus overnight. Sample near Brutus and north of it on Tuesday.