

# SCOAPE Wx Forecast Briefing

May 11, 2019

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## SCOAPE Outlook:

May 11, 2019 (Today) & May 12, 2019 (Sunday)

- Moisture & quasi-stationary front will aid in producing showers & thunderstorms along front from Western Gulf to parts of Mid-Atlantic & into Southeast through Monday.
- As western end of front slowly moves eastward showers & thunderstorms will end by Sunday evening into Monday.
- A window for opportunity for column NO<sub>2</sub> validation may develop Today in the afternoon hours into early daytime Sunday before front finally moves east towards Petronius.
- Current track has Point Sur moving southwest towards Thunderhorse at this point.

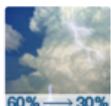
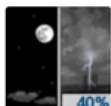
# Cocodrie:

Saturday	Saturday Night	Sunday	Sunday Night	Monday	Monday Night	Tuesday	Tuesday Night
							
Chance T-storms	T-storms Likely	T-storms Likely then Chance T-storms	Mostly Clear then Chance T-storms	Chance Showers	Partly Cloudy then Slight Chance Showers	Chance Showers then Chance T-storms	Slight Chance Showers then Slight Chance T-storms
High: 82 °F	Low: 71 °F	High: 81 °F	Low: 69 °F	High: 80 °F	Low: 68 °F	High: 79 °F	Low: 68 °F

# Port Fourchon:

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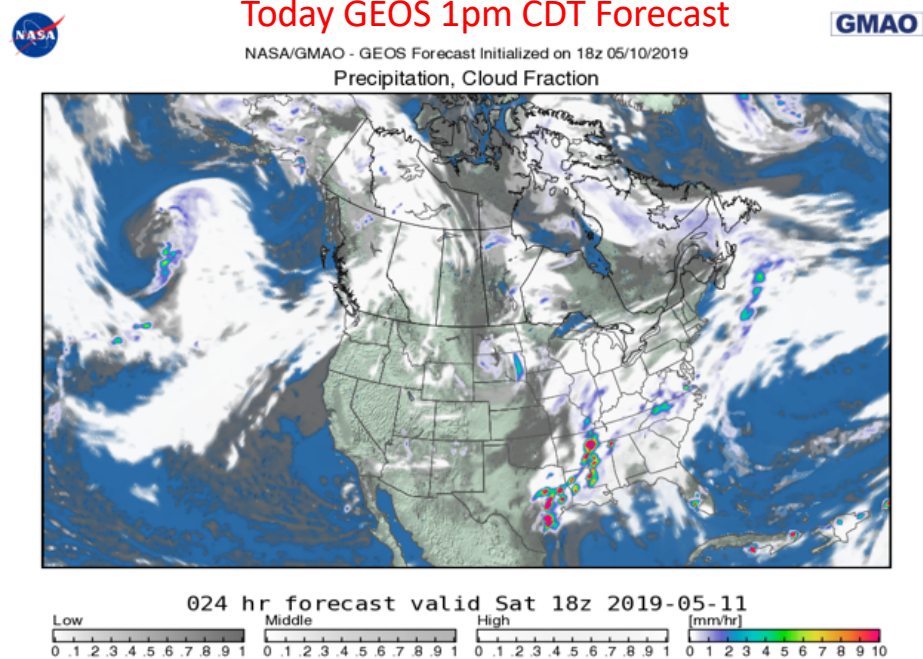
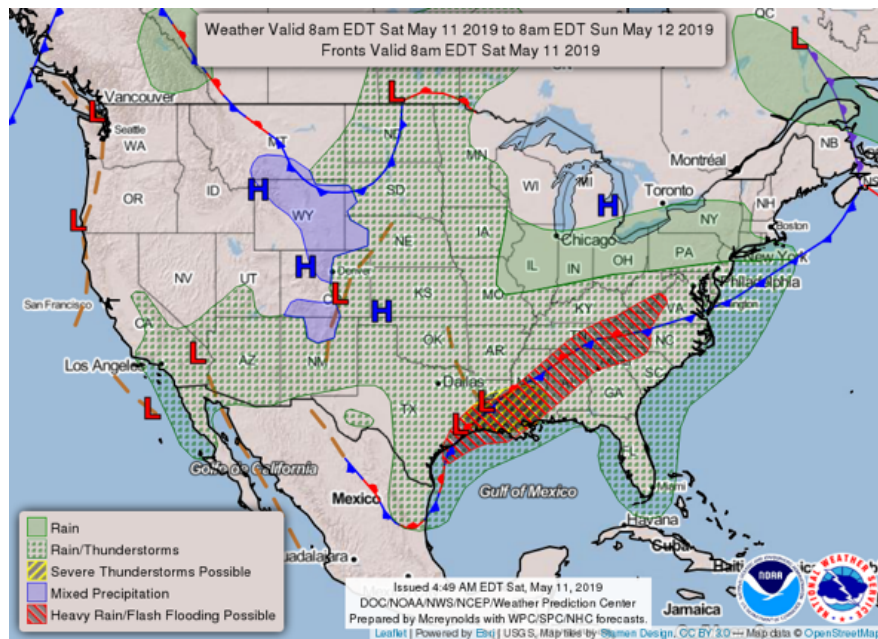
# Venice:

Saturday	Saturday Night	Sunday	Sunday Night	Monday	Monday Night	Tuesday	Tuesday Night
							
Chance T-storms	T-storms Likely	T-storms Likely then Chance T-storms	Mostly Clear then Chance T-storms	Chance Showers	Partly Cloudy then Slight Chance Showers	Chance Showers then Chance T-storms	Slight Chance Showers then Slight Chance T-storms
High: 82 °F	Low: 71 °F	High: 81 °F	Low: 69 °F	High: 80 °F	Low: 68 °F	High: 79 °F	Low: 68 °F

**Saturday (5/11) and Sunday (5/12):** A quasi-stationary front extending from Mid-Atlantic southwestward to Lower Mississippi through Sunday evening & moisture moving northward out of GOM will pool along boundary. The moisture & front will aid in producing showers & thunderstorms along front from Western Gulf to parts of Mid-Atlantic & into Southeast through Monday. As western end of front slowly moves eastward showers & thunderstorms will end over by Sunday evening into Monday.

**In Cocodrie Today:** Showers & thunderstorms likely, mainly after 4pm. Mostly cloudy, with high 82. Southeast wind 10-15 mph. Chance of precipitation is 60%.

**In Cocodrie Sunday:** Showers & thunderstorms likely, mainly before 8am. Mostly cloudy, then gradually becoming sunny, with high 82. Southwest wind 10-15 mph, with gusts as high as 30 mph. Chance of precipitation is 60%.

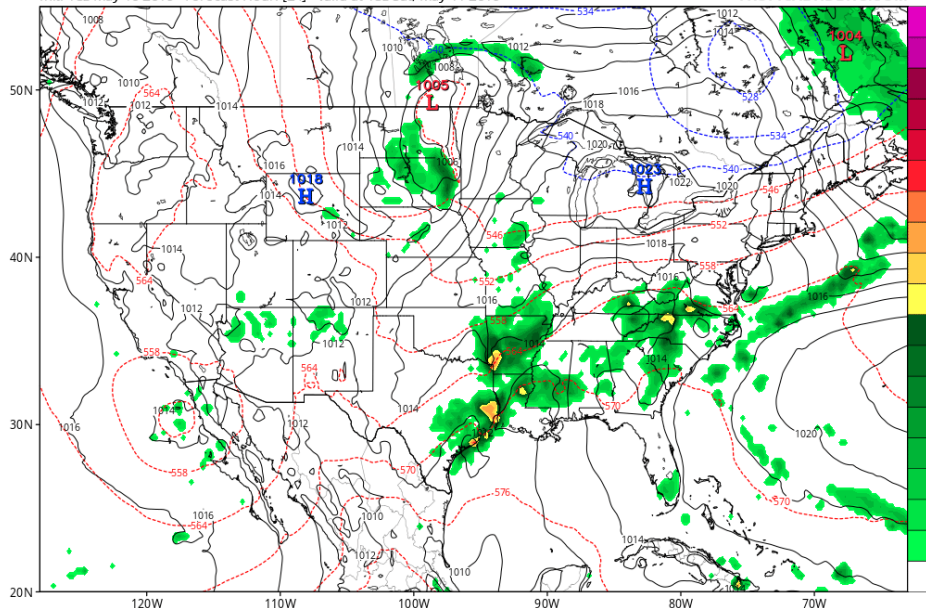


**Today, Saturday, May 11, 2019:** Most of the heavy rain/thunderstorms stays to west of Heavy Emissions Area (east of LOOP) until late Saturday when chance of precipitation increases.

**Tomorrow, Sunday, May 12, 2019:** Stalled front moves east: Rain/Thunderstorms likely along LA coast. Moving east to Petronius and deepwater platforms offshore is still best option.

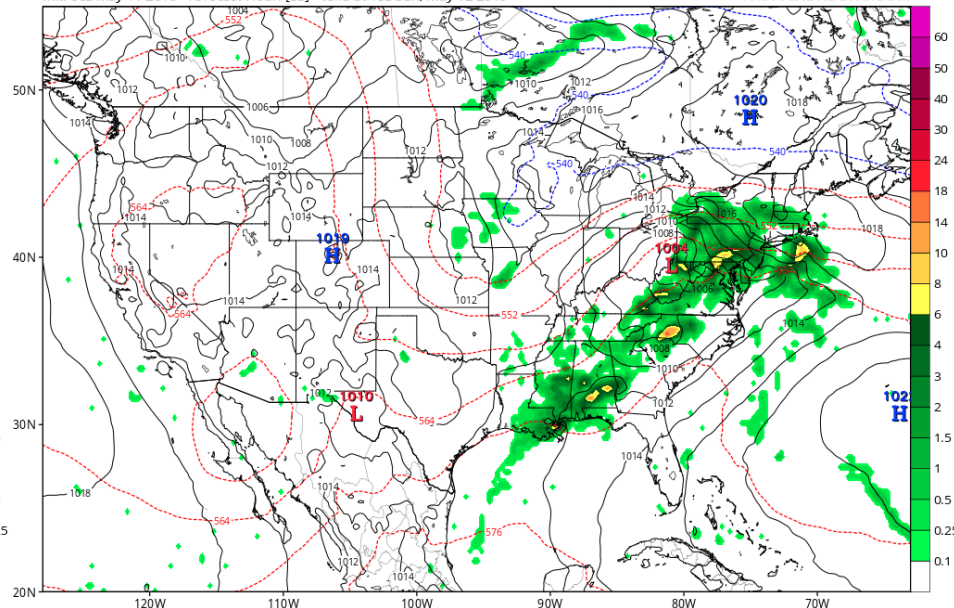
### Today NAM 1pm CDT Forecast

NAM Instantaneous Precip Rate (mm/hr), MSLP (hPa) & 1000-500mb Thickness (dam)  
Init: 18z May 10 2019 Forecast Hour: [24] valid at 18z Sat, May 11 2019 TROPICALTIDBITS.COM



### Tomorrow NAM 10am CDT Forecast

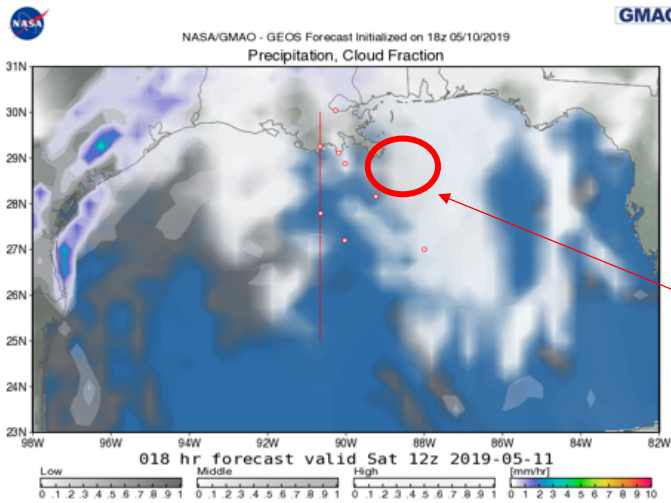
NAM Instantaneous Precip Rate (mm/hr), MSLP (hPa) & 1000-500mb Thickness (dam)  
Init: 06z May 11 2019 Forecast Hour: [33] valid at 15z Sun, May 12 2019 TROPICALTIDBITS.COM



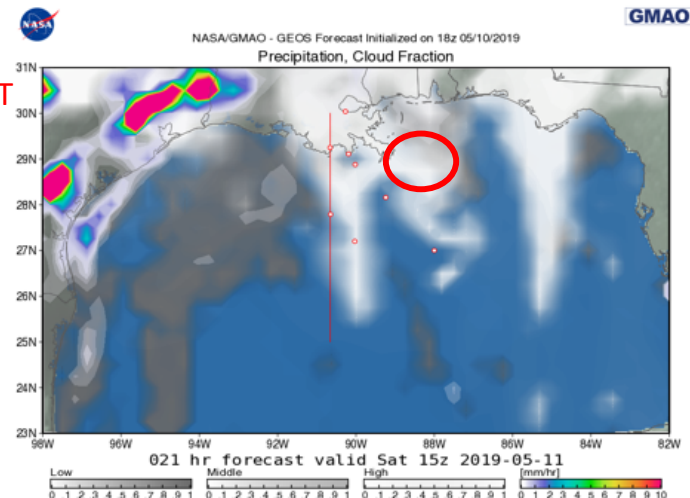


# GEOS Cloud Cover and Precipitation for Today (5/11)

Today  
7 AM CDT

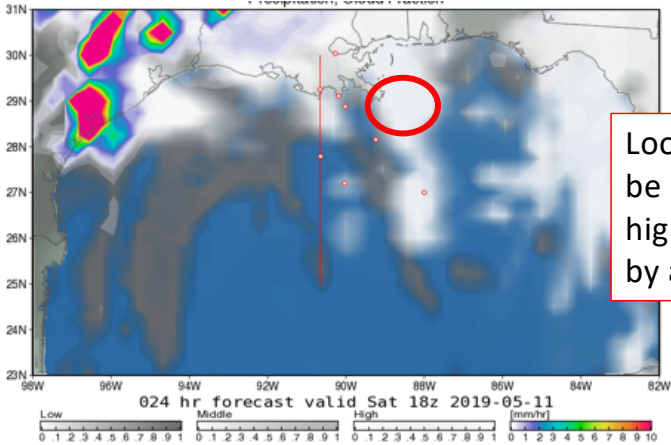


Today  
10 AM CDT

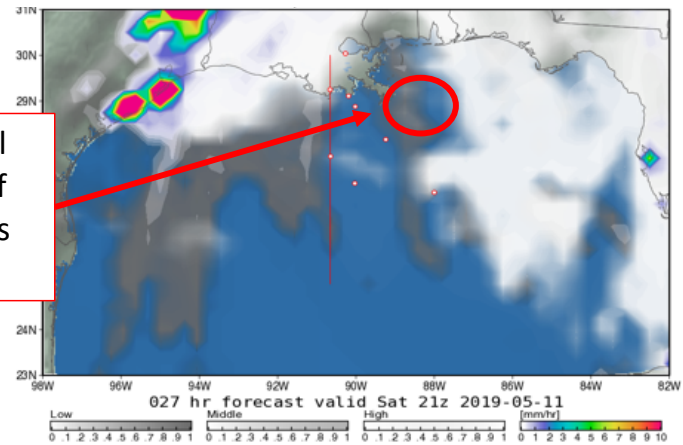


Point Sur  
Location

Today  
1 PM CDT



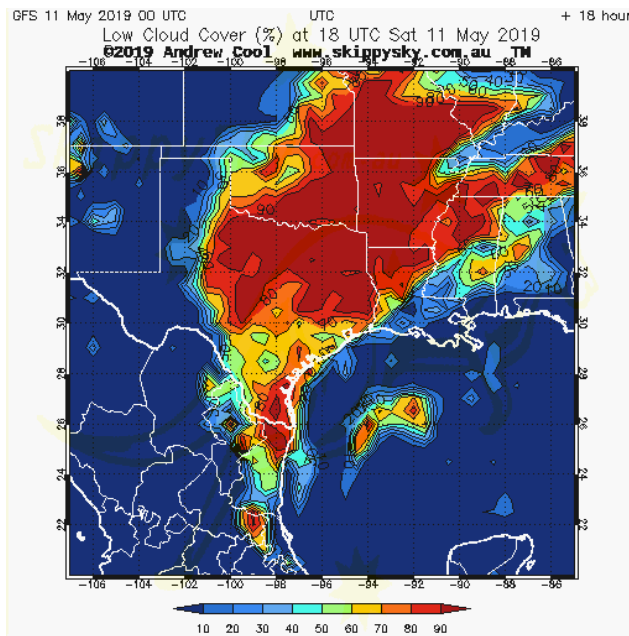
Today  
4 PM CDT



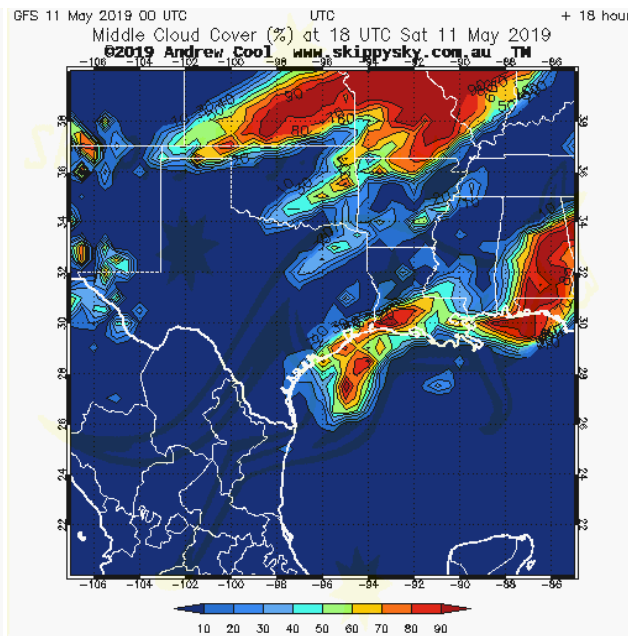
Looks like there will  
be some clearing of  
high and low clouds  
by afternoon today

- GFS Cloud Cover for Today, Saturday, May 11: Suggests similar to GEOS that there will be possible breaks in clouds today by afternoon.
- May be clear for ozonesonde launch if southerly winds and sea calm.
- **Overpass times:** TROPOMI - 18:53 (1:53pm CDT), OMI – 19:04 (2:04pm CDT)

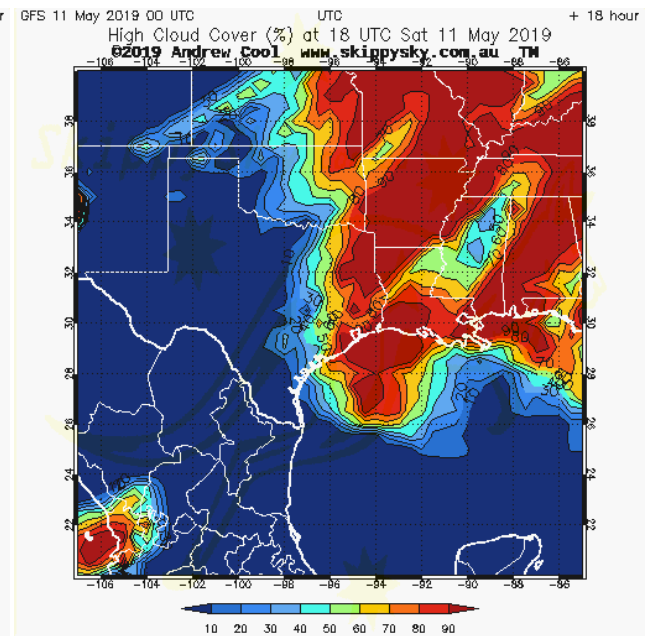
GFS Low Cloud Cover 1 PM CDT



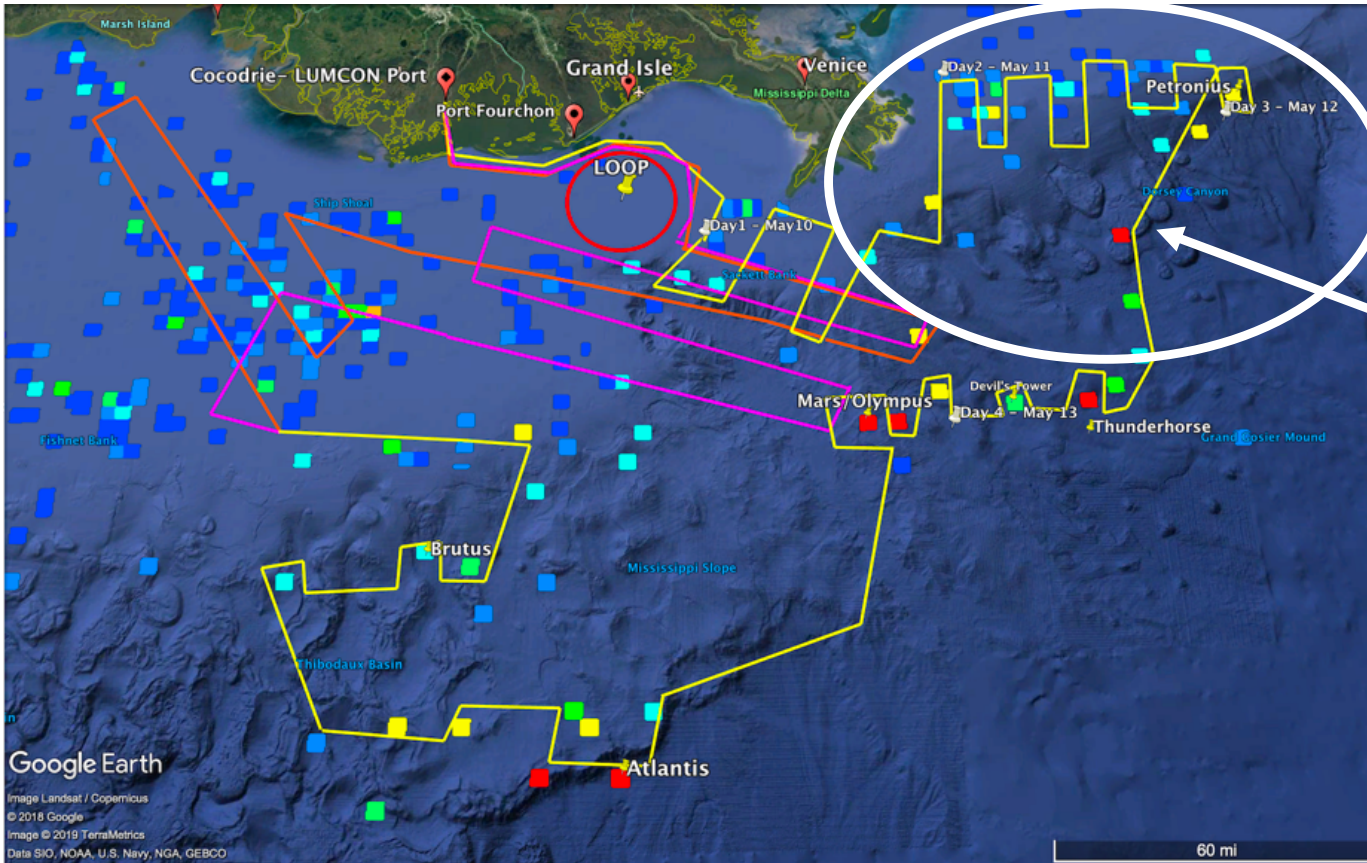
GFS Middle Cloud Cover 1 PM CDT



GFS High Cloud Cover 1 PM CDT



# Current Cruise Track Still Looks Good



Heading to Petronius and other deep platforms by Sunday (5/12) and moving south towards Thunderhorse by Sunday evening as front passes overnight.



Looking Ahead to Monday Daytime: Conditions look ok for passing near Mars/Olympus platforms, some clouds

