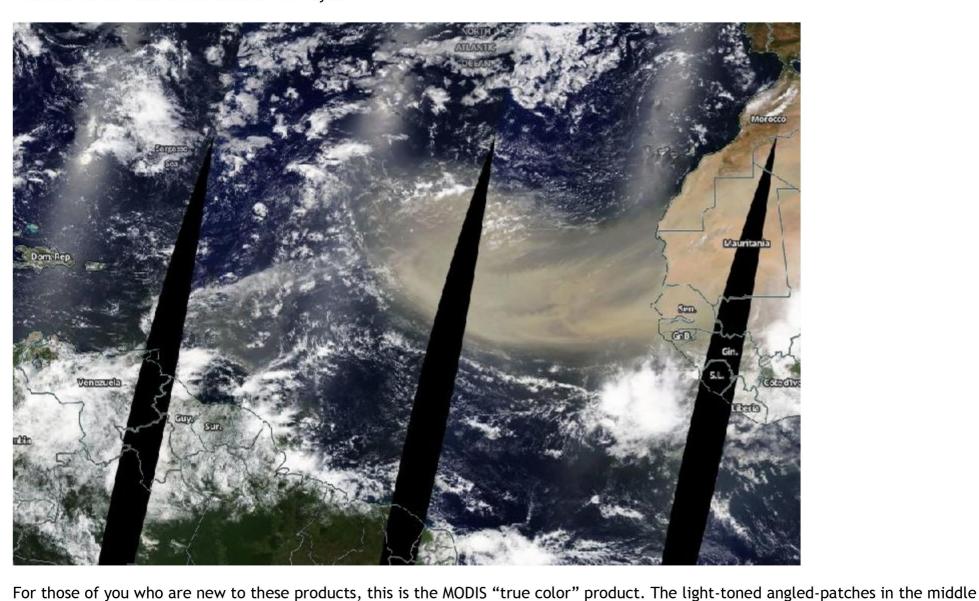
CAVEAT: The Dust Report is an informal ad hoc commentary that focuses on interesting African dust events. These reports should not be regarded as definitive statements on these events or their possible impacts. Joseph M. Prospero

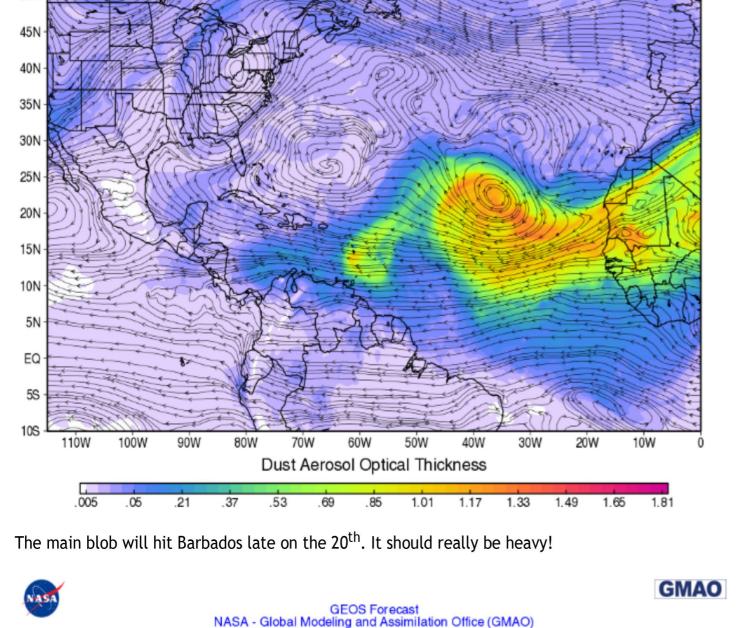
This is developing into a really huge dust event - probably the first of a series of events that we will follow. So I am following it closely for future reference should we want to reconstruct the evolution of the dust storms.

The huge dust outbreak continues along the coast of Africa and the plume now extends well into the central tropical NAO. Note the absence of cloud in the region of the outbreak over the Atlantic. This is a result of the extremely intense suppression by the strong inversion at the base of the Saharan Air Layer.



of the swath is due to sun glint on the sea surface. Extremely heavy dust continues to pour across the coast in the region of Dakar (the pointed area along the coast in Senegal. Barbados in under the cut-out black area between the swaths. The AOD from Ragged Point shows increasing AOD late in the day. They will probably get more dust tomorrow from that hazy blob to the east of the island. The NASA GEOS model shows that the next couple of weeks are likely to be very dusty. The dust will impact the entire Caribbean

**GMAO GEOS Forecast** NASA - Global Modeling and Assimilation Office (GMAO)



Hour: 069

Valid: 06/20/2020 21Z

45N

Initial: 06/18/2020 00Z

Initial: 06/18/2020 00Z

Basin.

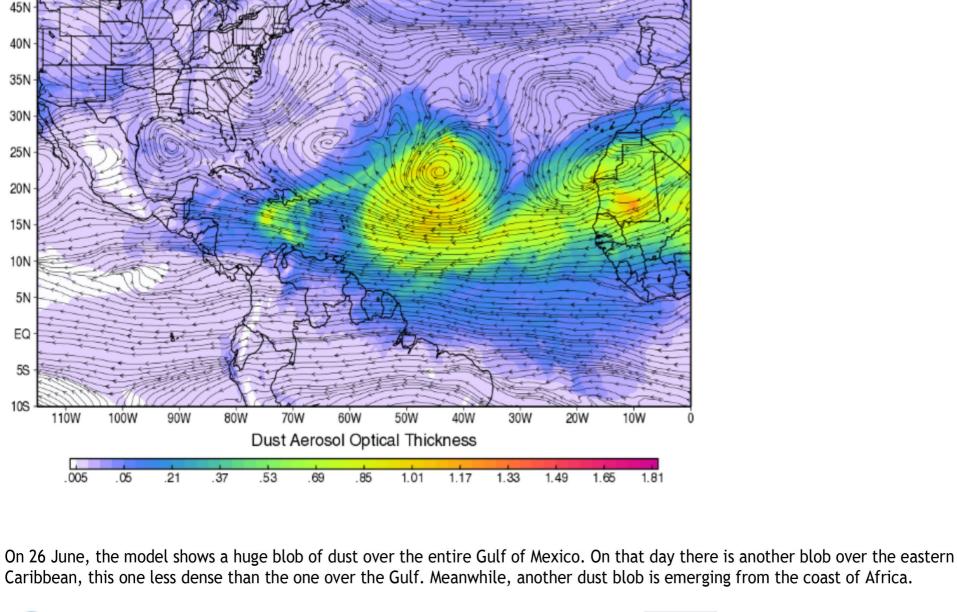
50N

35N

30N

This is the forecast for tomorrow late in the day.

Initial: 06/18/2020 00Z

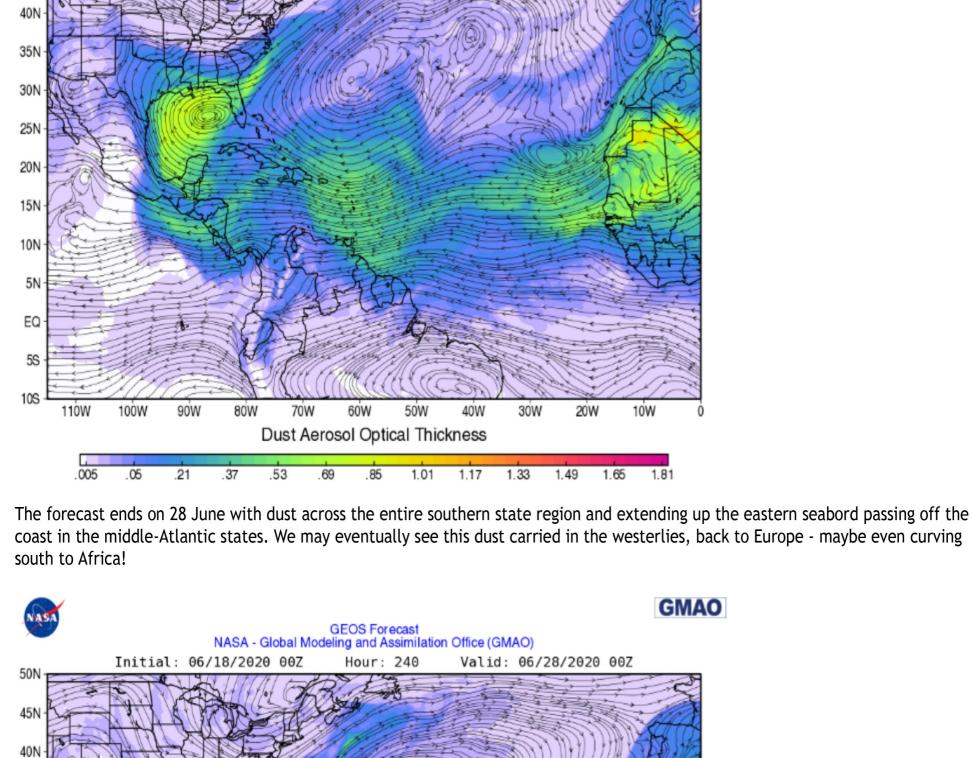


**GEOS Forecast** NASA - Global Modeling and Assimilation Office (GMAO)

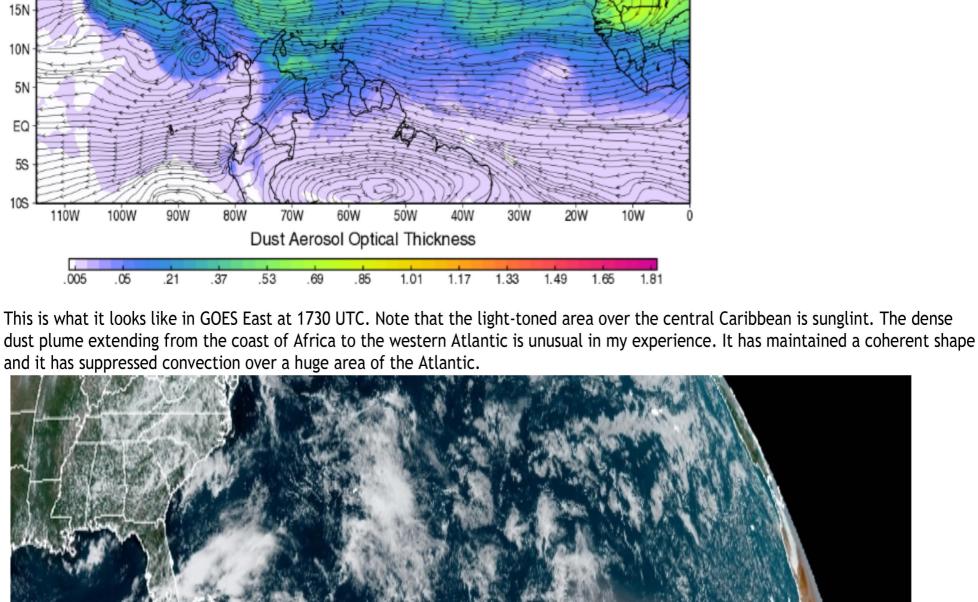
Hour: 213

Valid: 06/26/2020 21Z

**GMAO** 



25N 20N



https://www.star.nesdis.noaa.gov/GOES/sector\_band.php?sat=G16&sector=taw&band=GEOCOLOR&length=72

18 Jun 2020 17:30Z NESDIS/STAR GOES-East GEOCOLOR

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Joe

You can see the entire loop at: