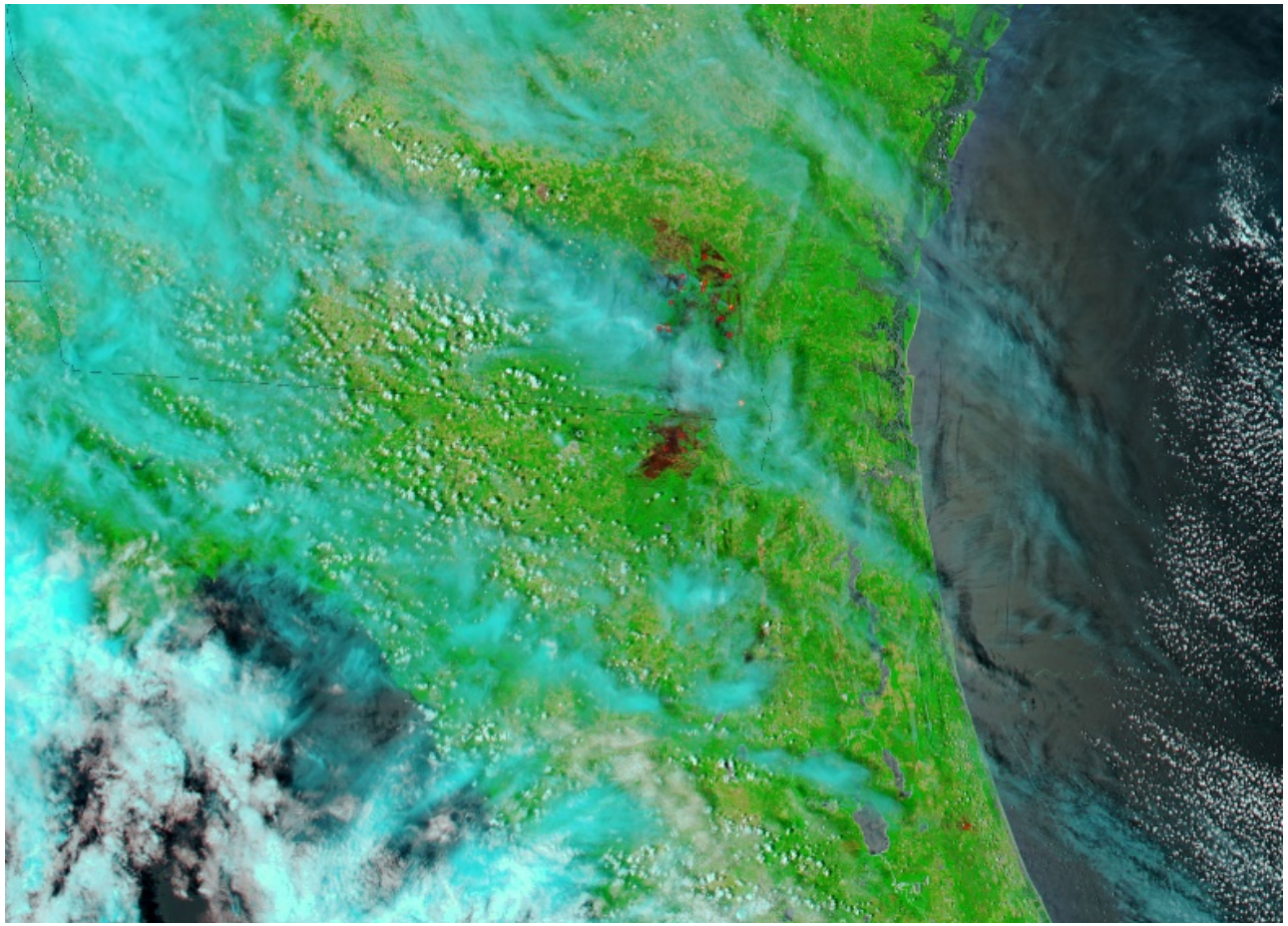
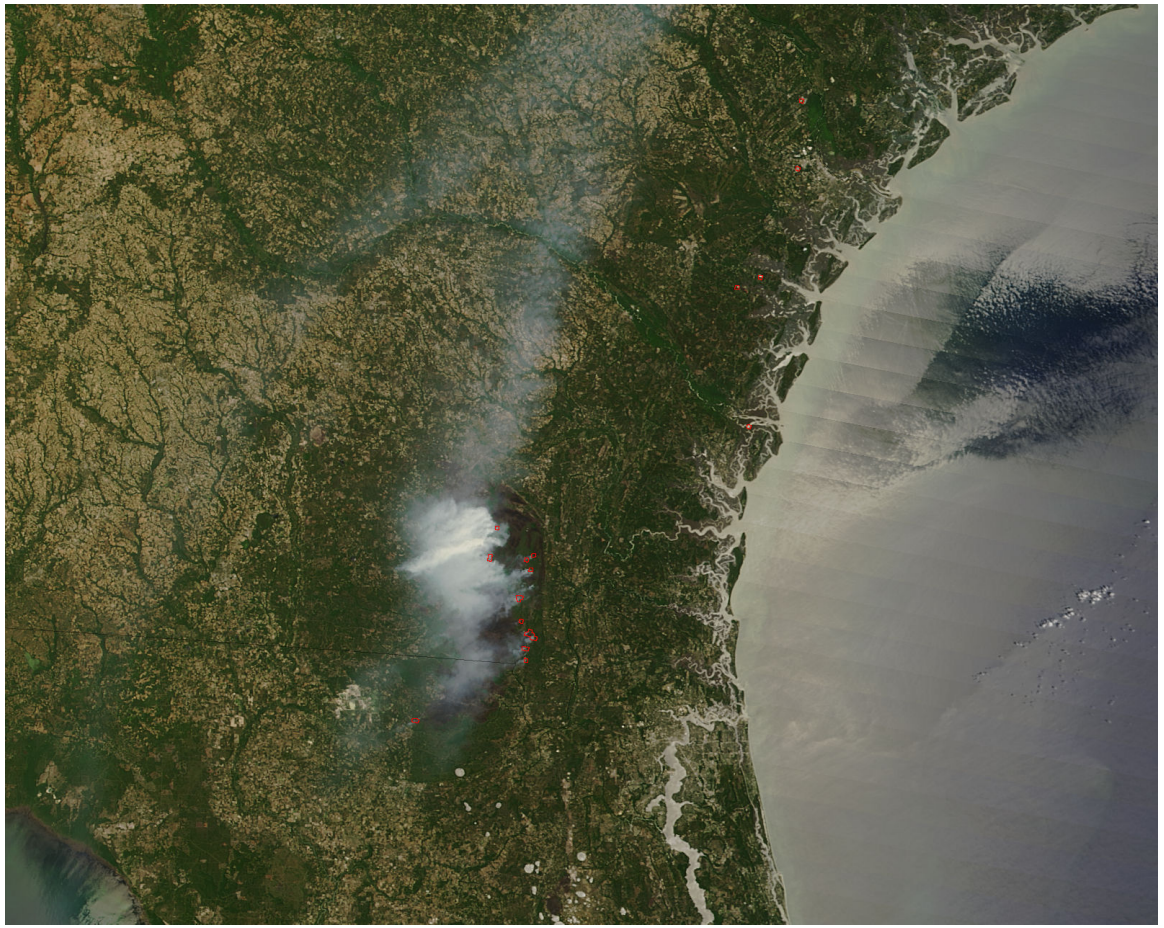
Okefenokee Swamp Fire 2007

Okefenokee fire in April-June 2007

Source: Wiki

RGB images of fire plumes

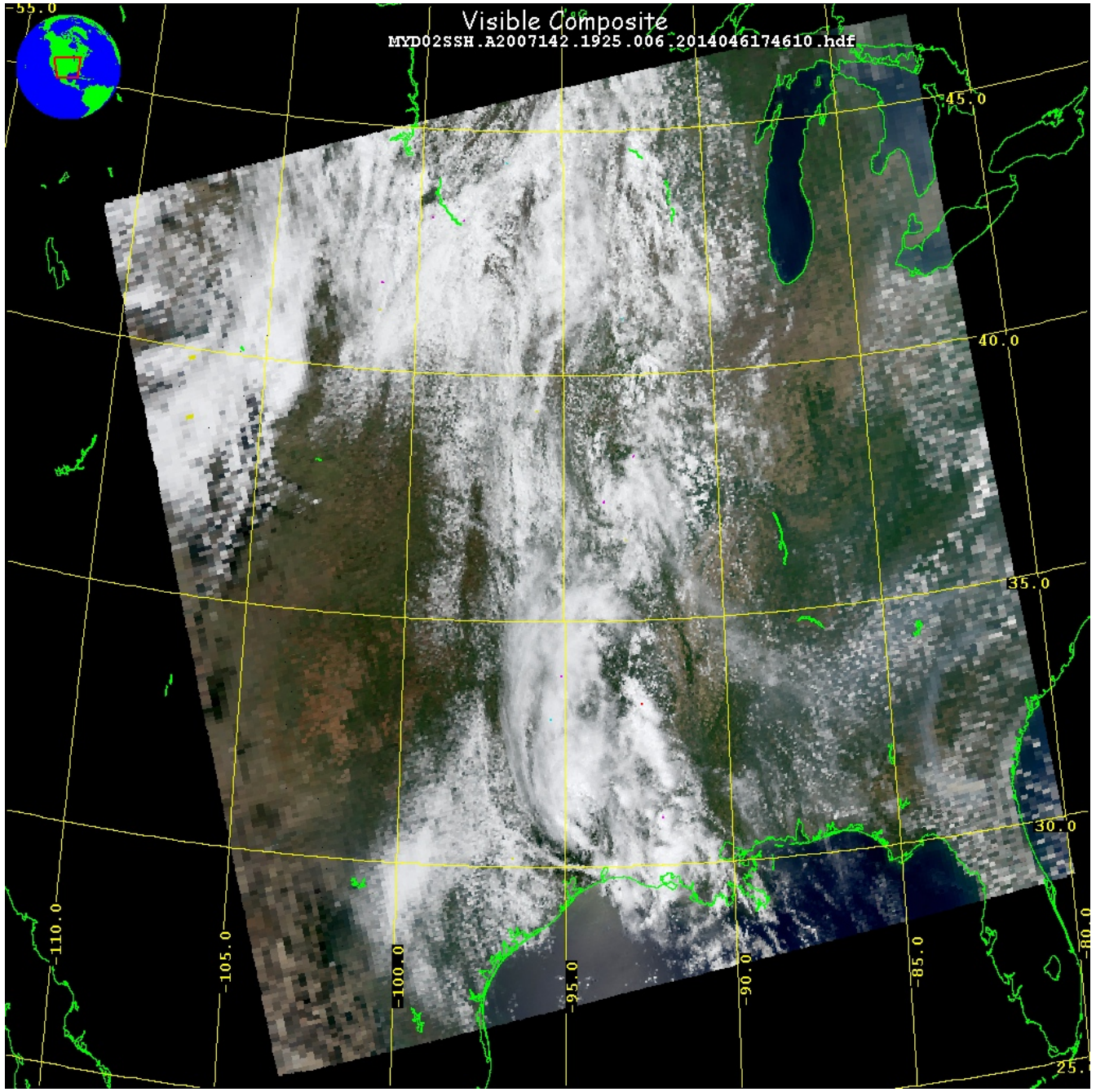




Source: NASA Earth Observatory

Plume Transport to Atlanta

- **Source: NASA LAADS web**

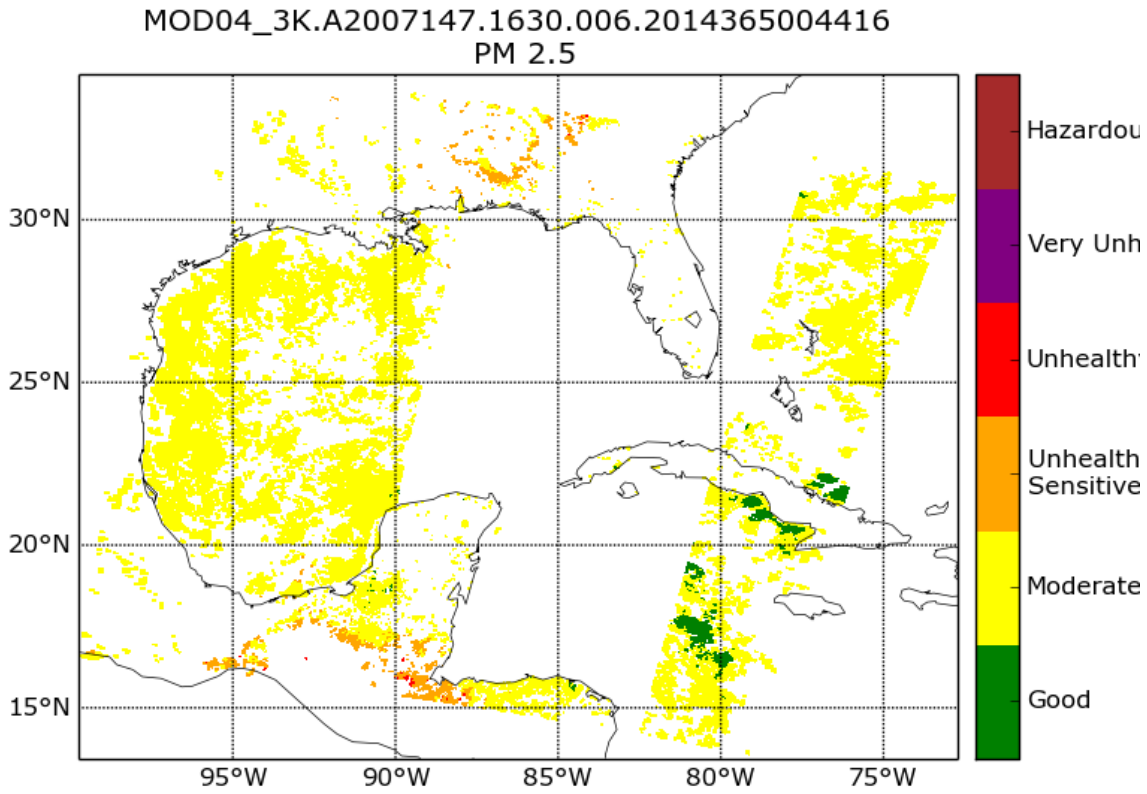


PM above NAAQS Standard due to fire emissions around Atlanta, GA

State	county	Site	Spec ID					Date		PM2.5		AQI
13	21	7	88101	1	7	105	120	20070522	0:00	37.2	Macon	105
13	89	2	88101	1	7	105	120	20070522	0:00	50.6	S. Dekalb	138
13	89	2001	88101	1	7	105	120	20070522	0:00	79.8	Doraville	164
13	115	5	88101	1	7	105	120	20070522	0:00	36.7	Rome	105
13	121	32	88101	1	7	105	120	20070522	0:00	64.5	E. River	156

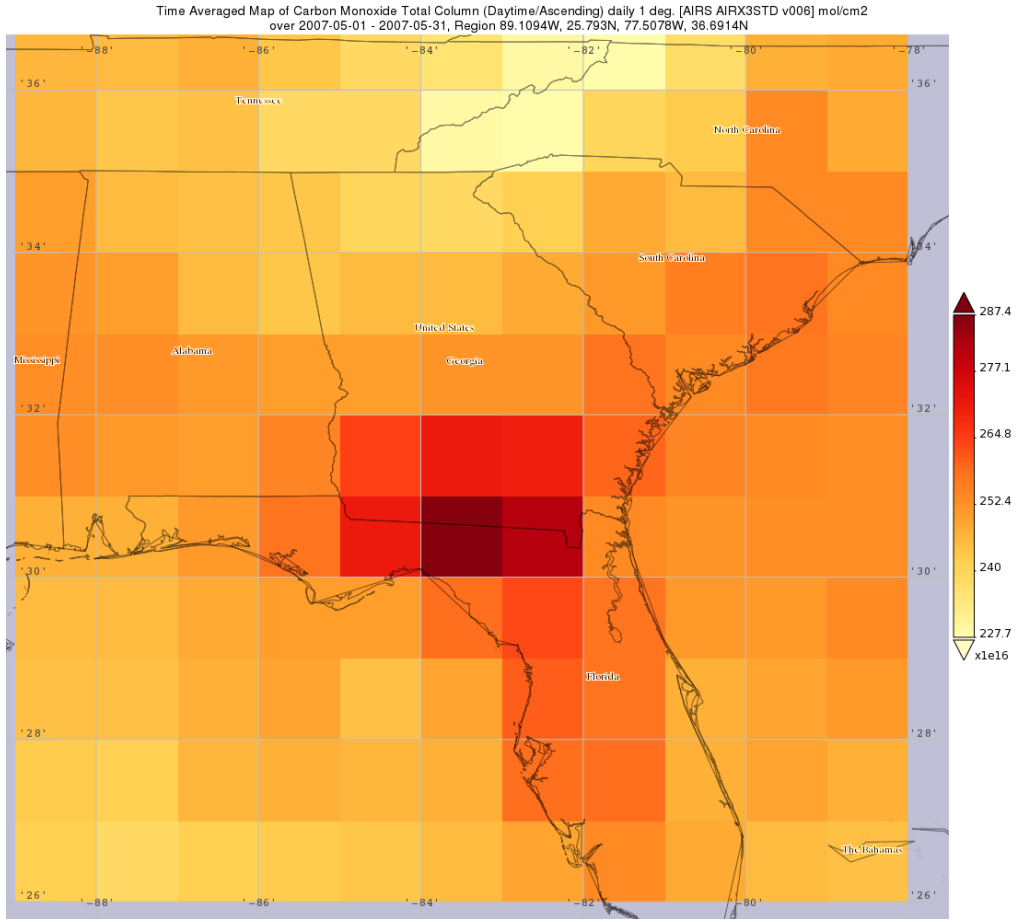
Source: US EPA AQS PM2.5 database

MODIS Air Quality Index



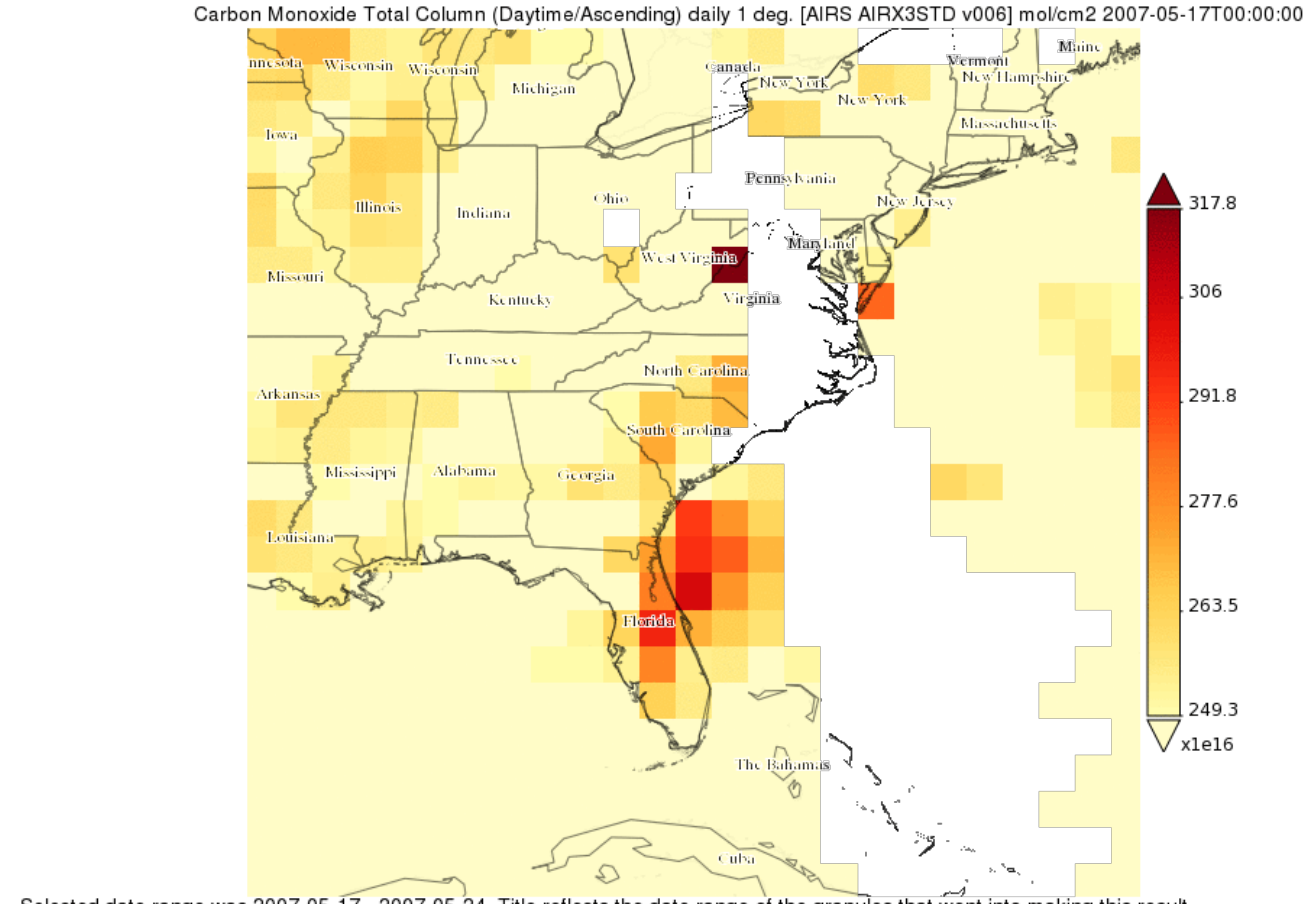
Source: NASA Giovanni and US EPA

Time Averaged AIRS CO in May, 2007



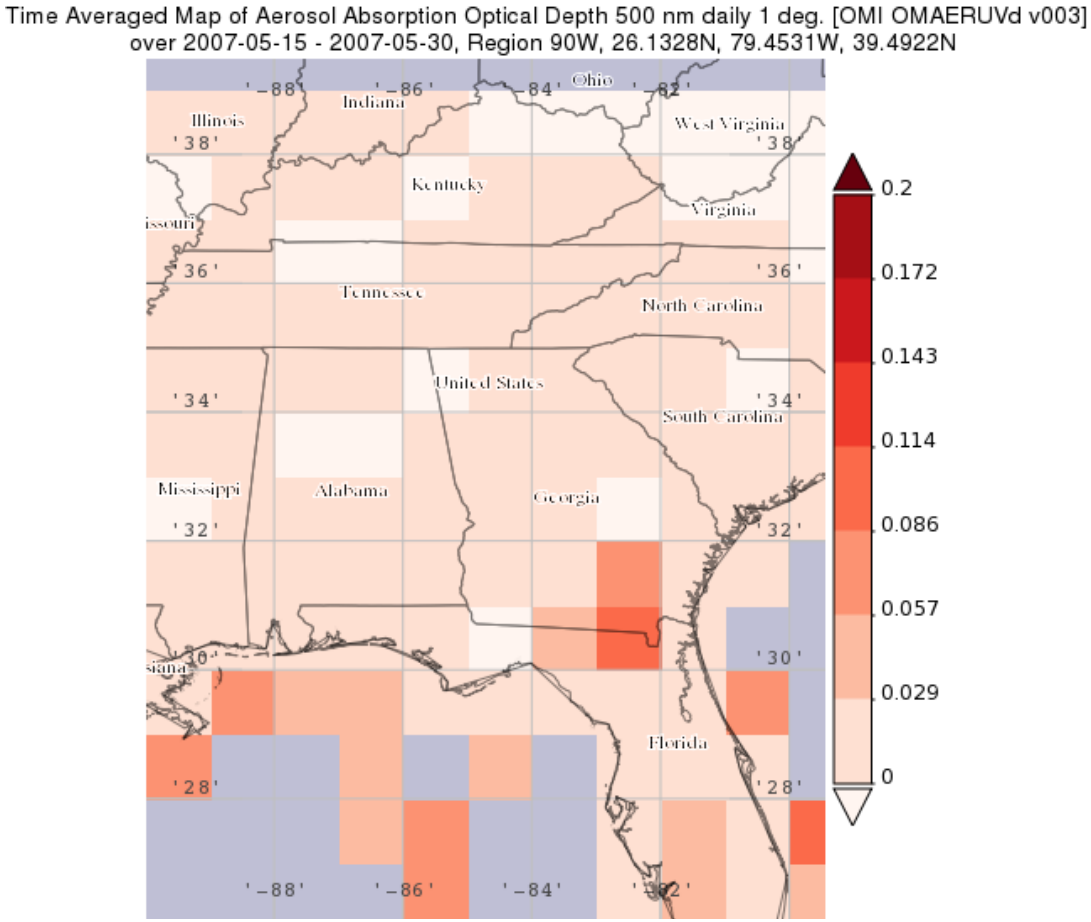
Source: NASA Giovanni

Daily CO Column Animation



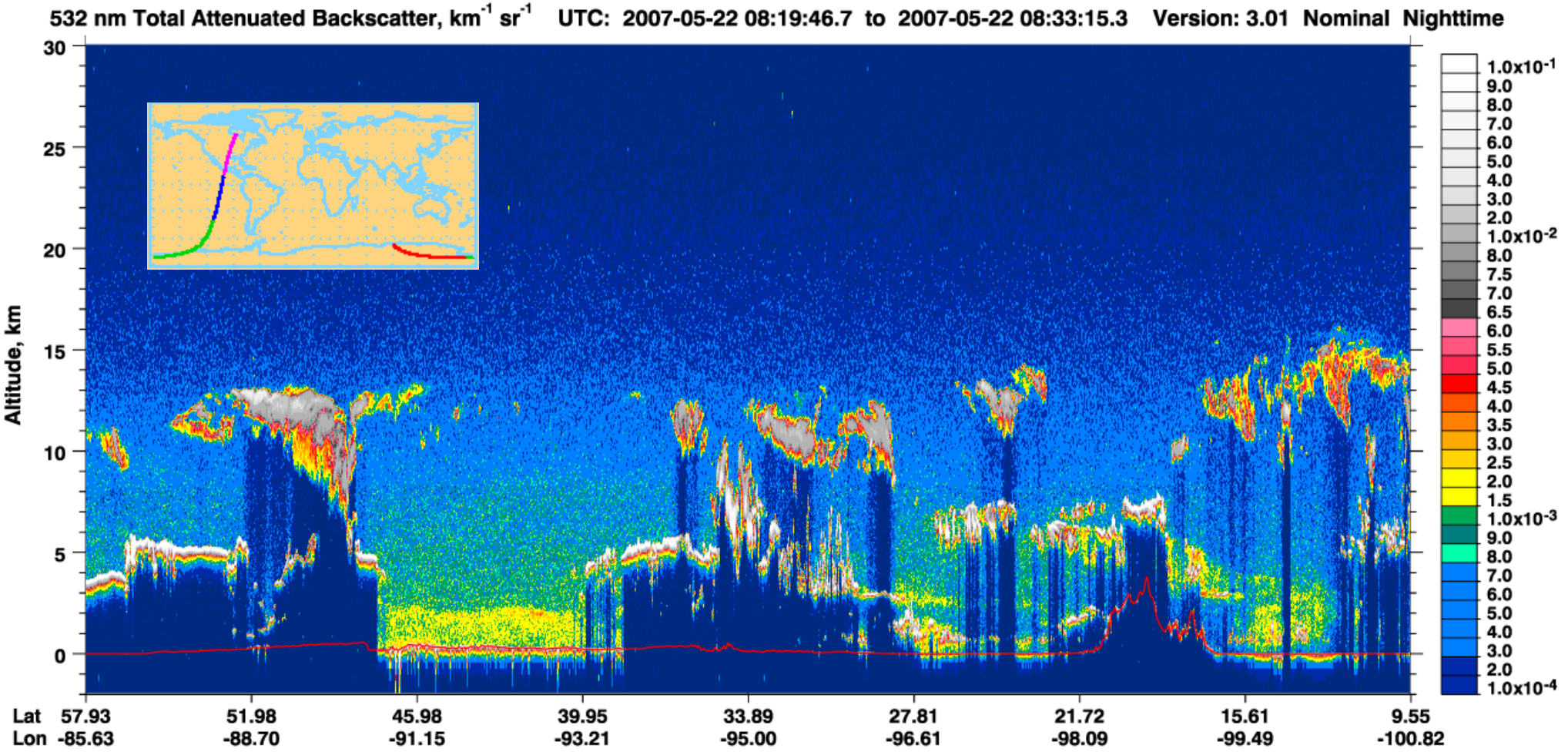
Source: NASA Giovanni

OMI Absorption Optical Depth



Source: NASA Giovanni

CALIPSO Image



Source: http://www-calipso.larc.nasa.gov