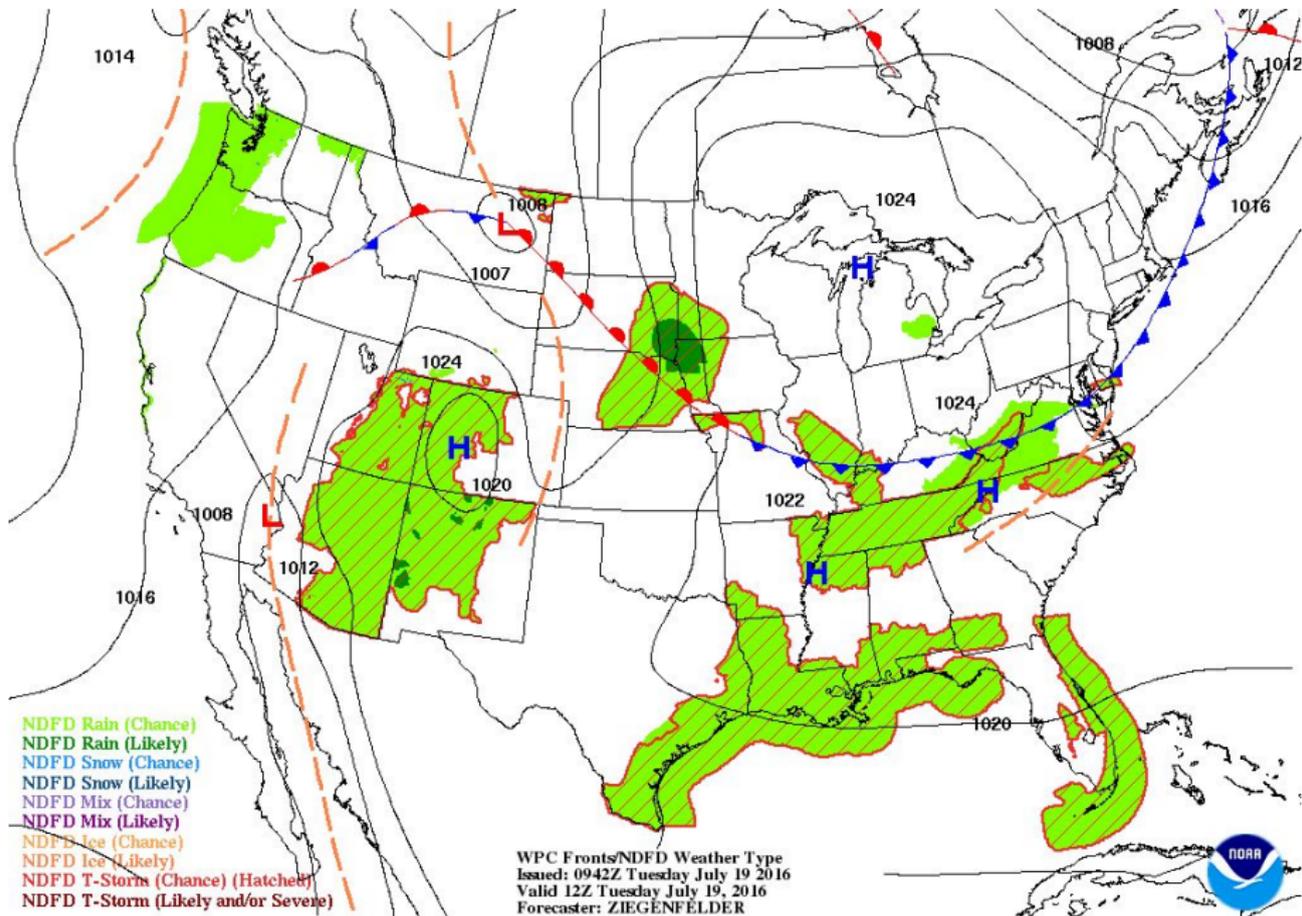


# Weather Briefing (Nowcasting) for 2016-07-19

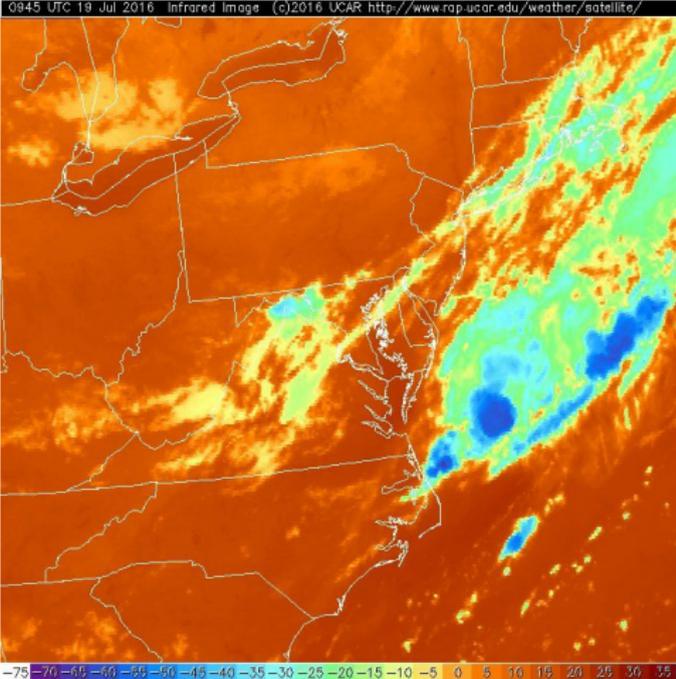
July 19, 2016



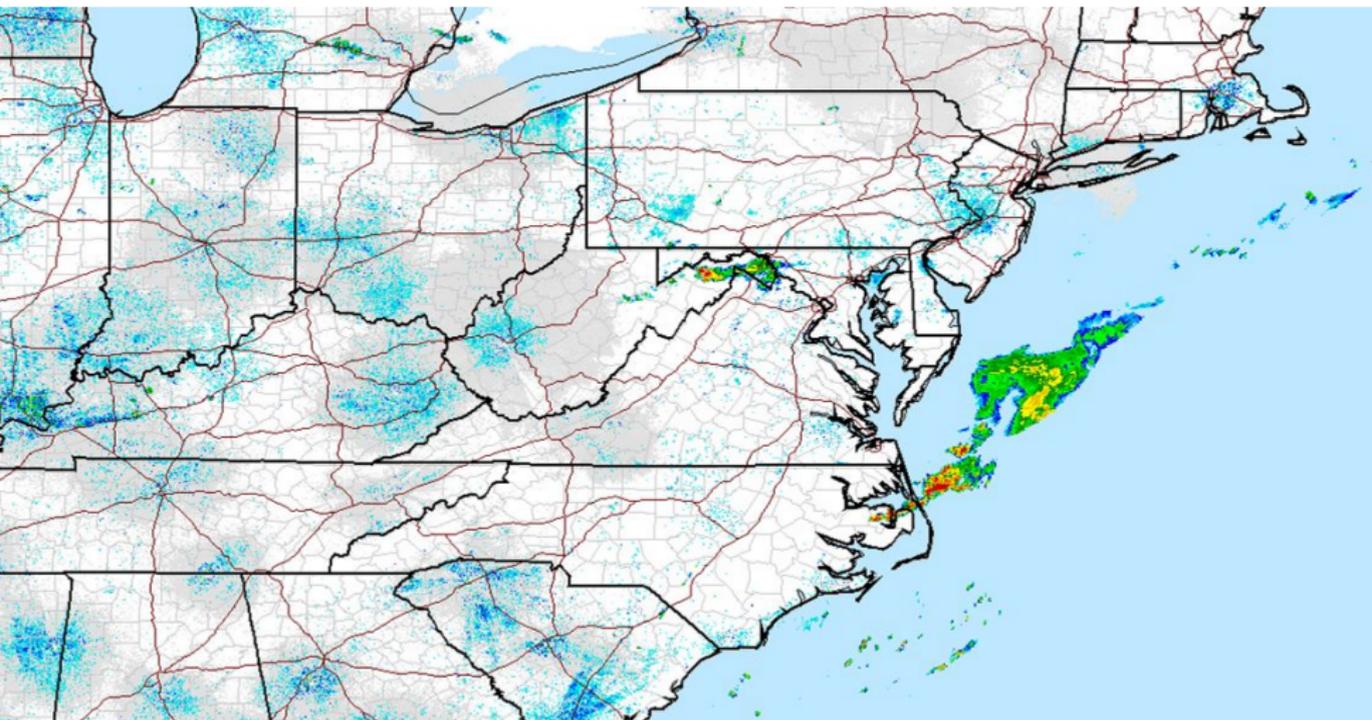
Satellite image(s) [BWI, irbw] generated at at Tue, 19 Jul 2016 10:05 UTC UTC

IR

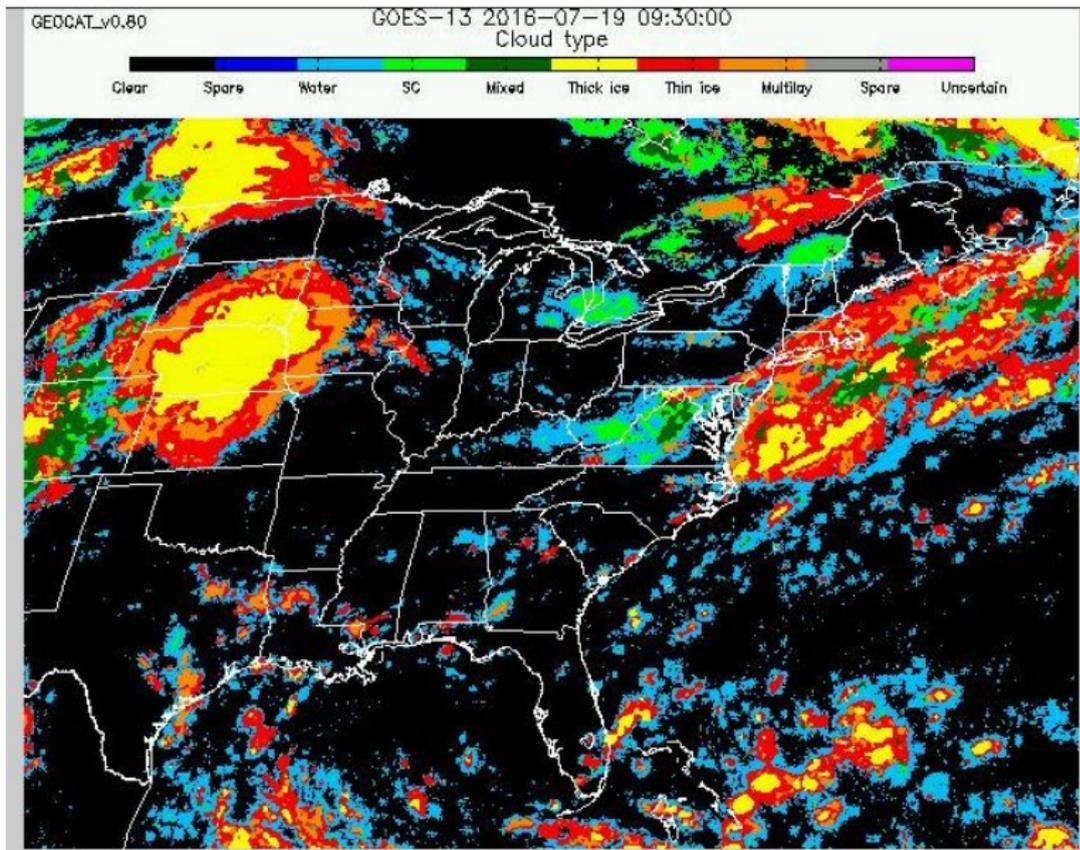
IR-Color



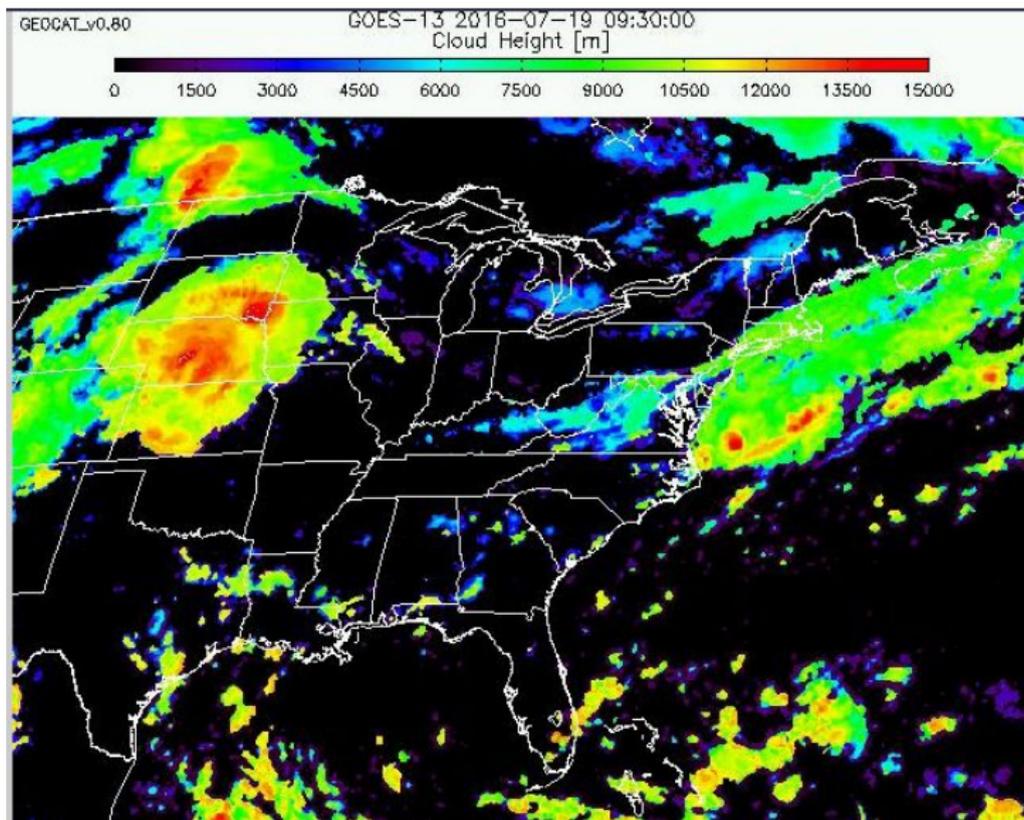
National Weather Service Enhanced Radar Image:  
National Mosaic - Full Resolution [Latest image as of  
6:30 am]

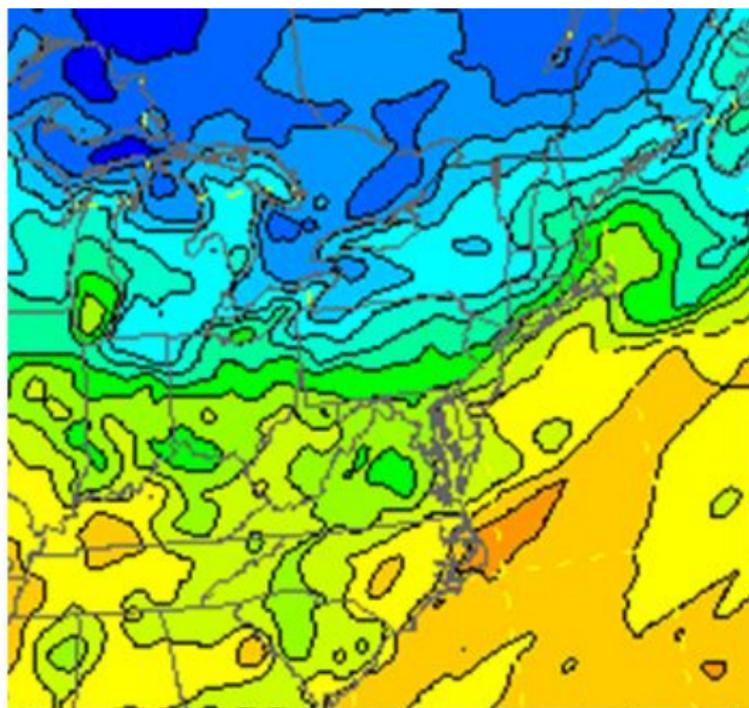


# Cloud Type: GEOstationary Cloud Algorithm Test-bed (GEOCAT)



# Cloud top height from GEOCAT





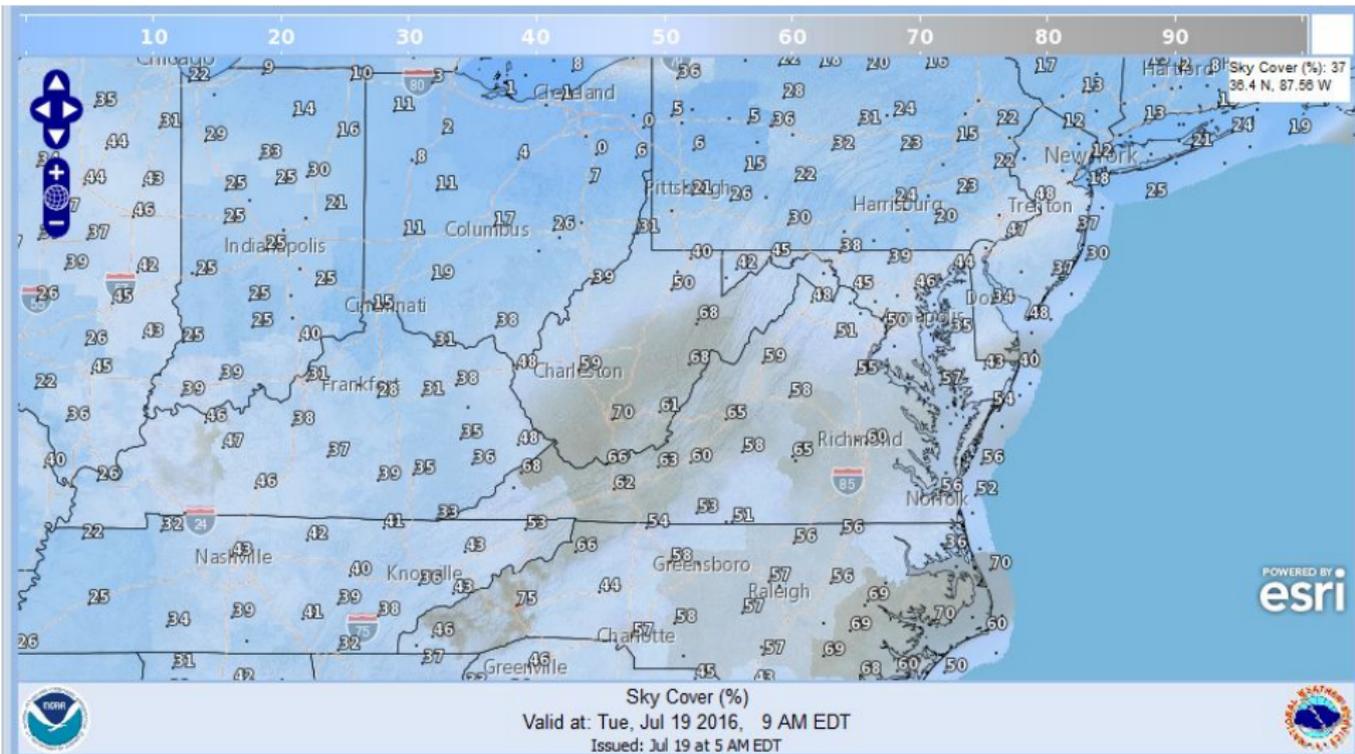
Theta-E (K)

Analysis valid 0900 UTC Tue 19 Jul 2016

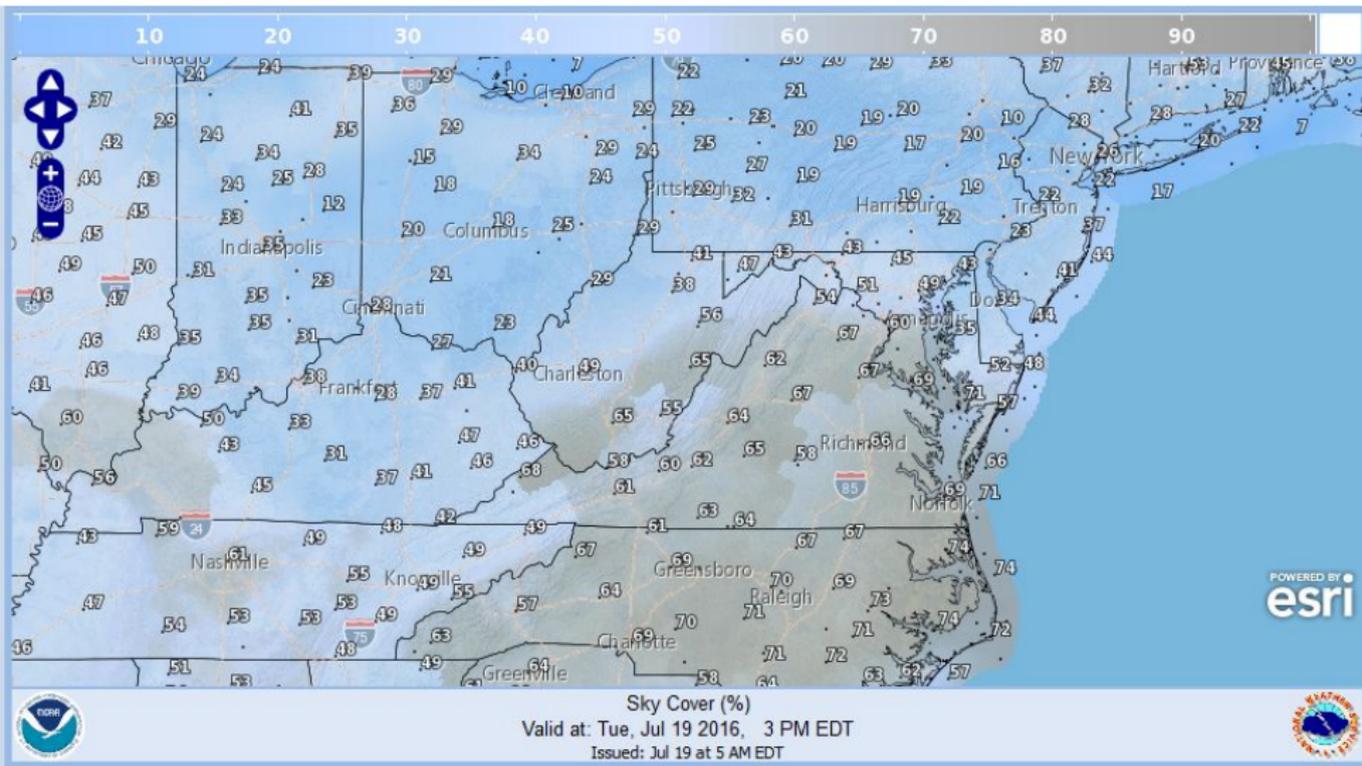
(RAP analysis)

265 275 285 295 305 315 325 335 345 355 Kelvin

# Latest sky cover forecast: Valid 9 am: 19 July

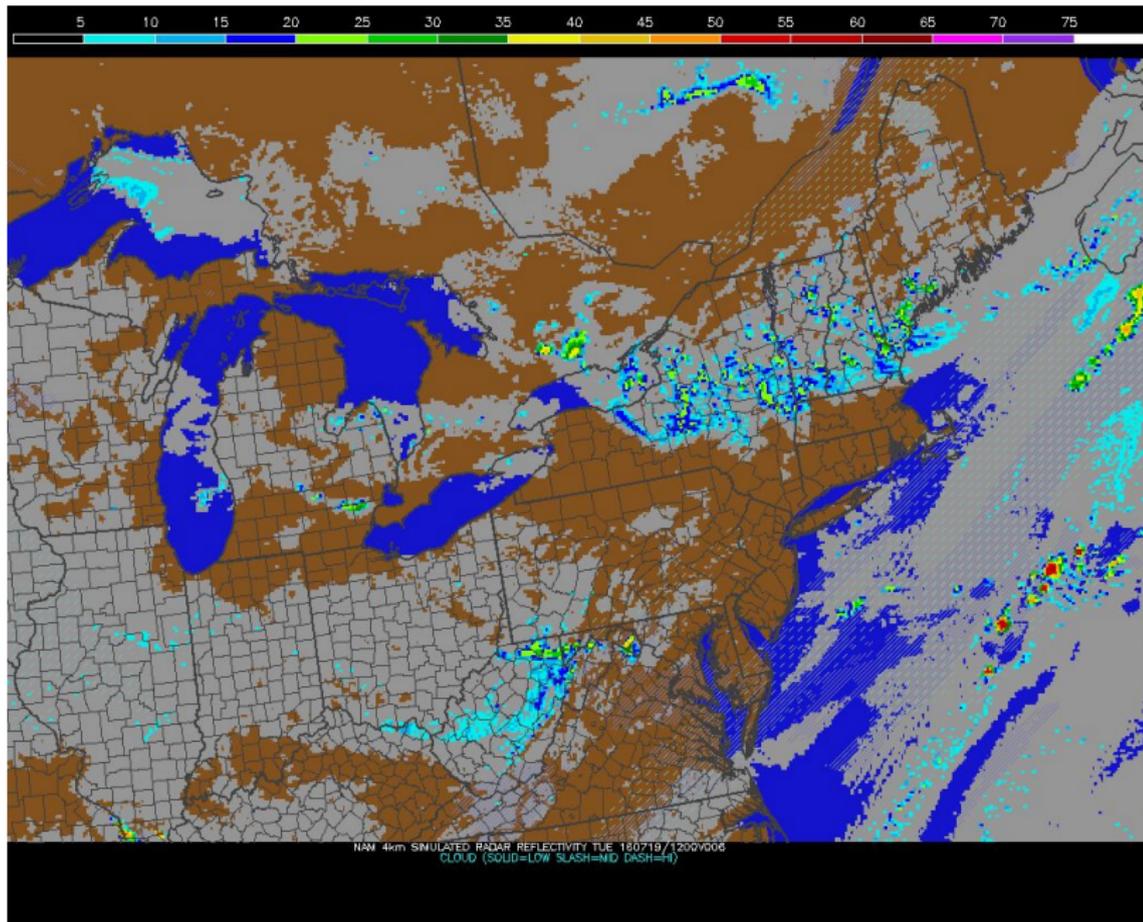


# Latest sky cover forecast: Valid 3 pm: 19 July



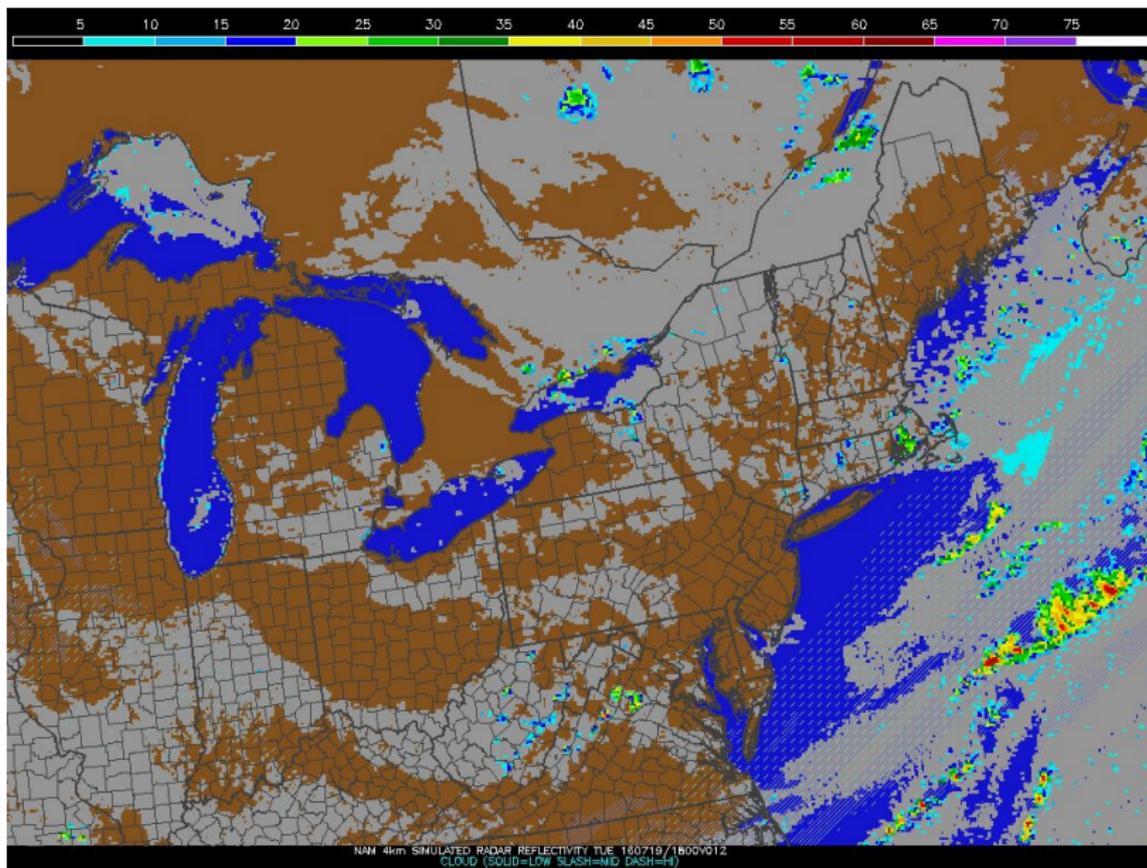
# 0600 UTC 4-km NAM forecast

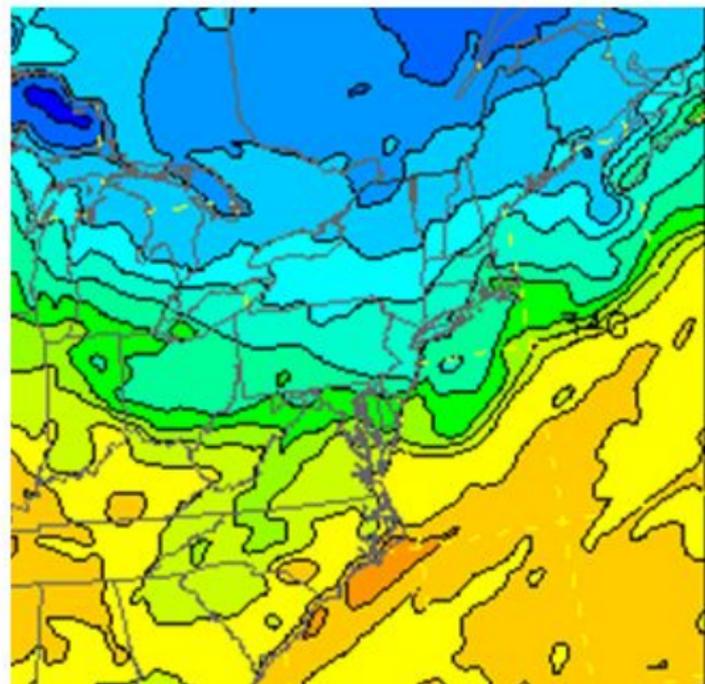
Valid: 1200 UTC = 0800 EDT



0600 UTC 4-km NAM forecast

Valid: 1800 UTC = 1400 EDT





### Theta-E (K)

09-hour forecast valid 1800 UTC Tue 19 Jul 2016

(RAP 9-hour forecast)

265

275

285

295

305

315

325

335

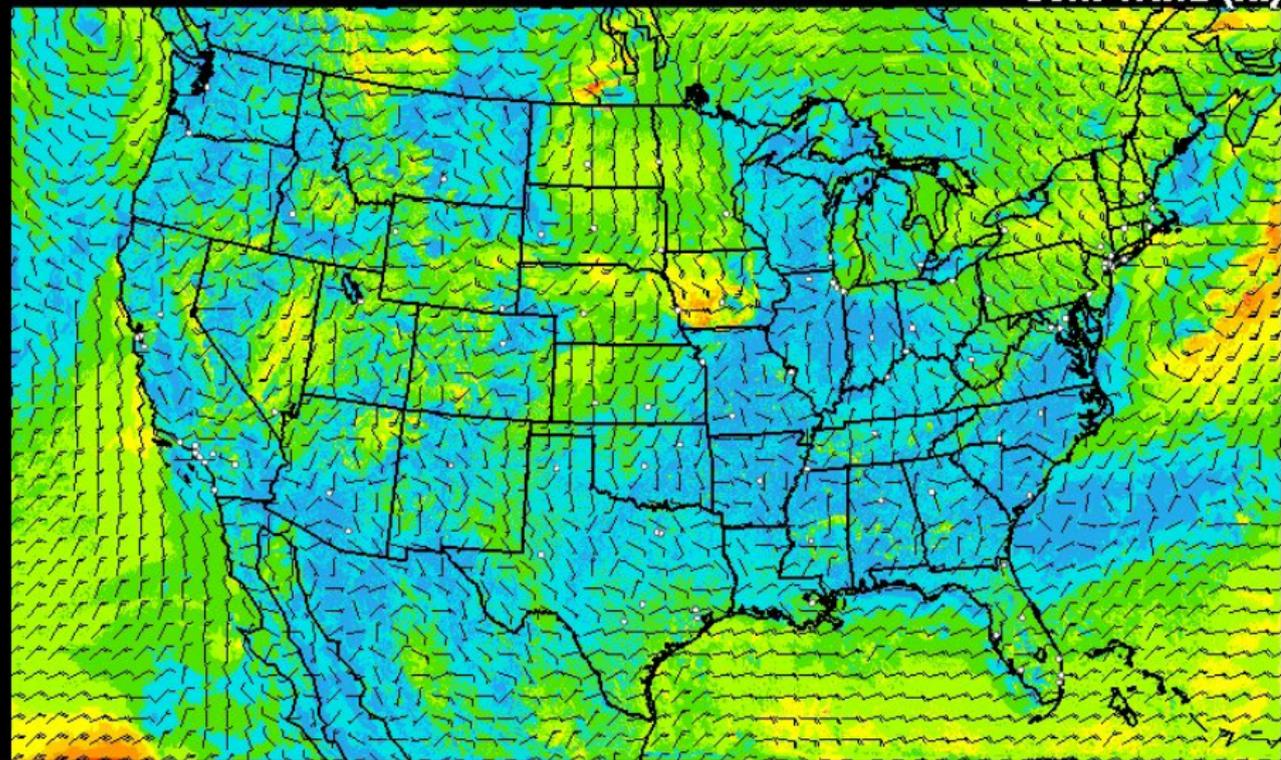
345

355

Kelvin

HRRR-NCEP 07/19/2016 (08:00) 10h fcst

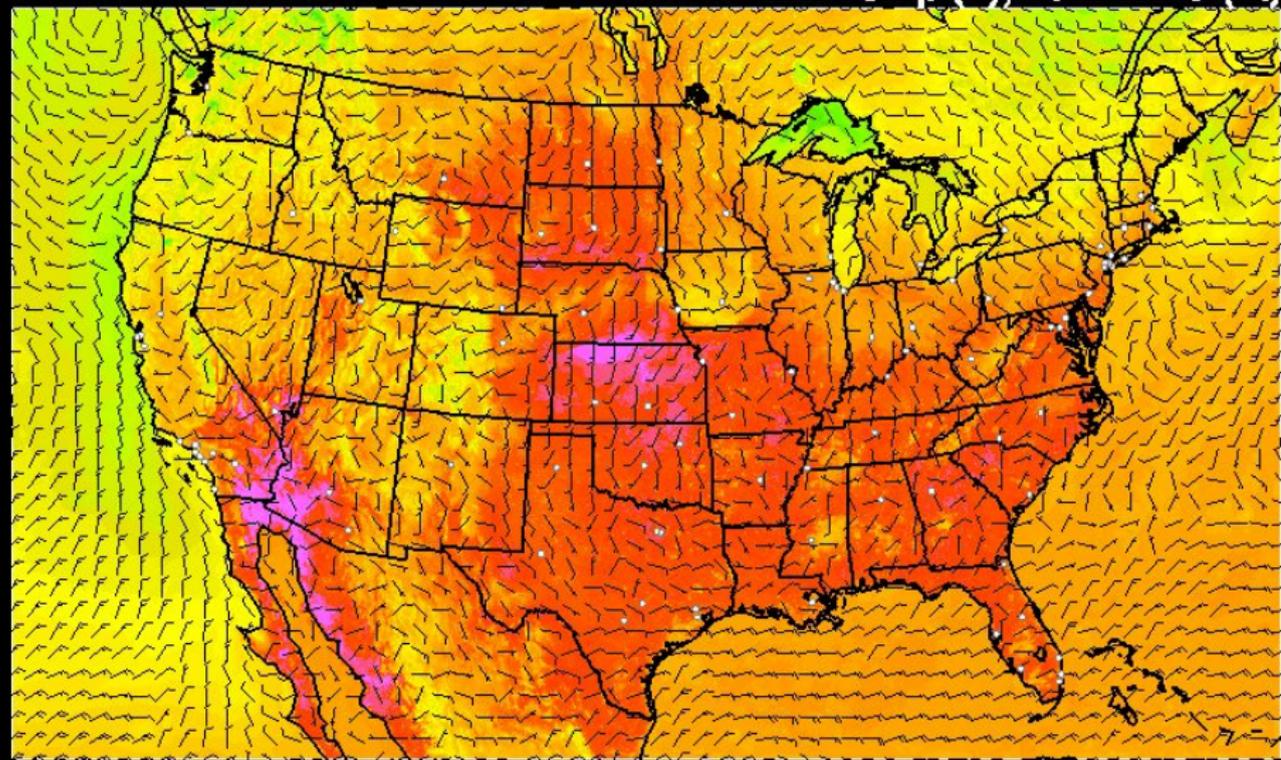
Valid 07/19/2016 18:00 UTC  
80m Wind (kt)



5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90

HRRR-NCEP 07/19/2016 (08:00) 10h fcst

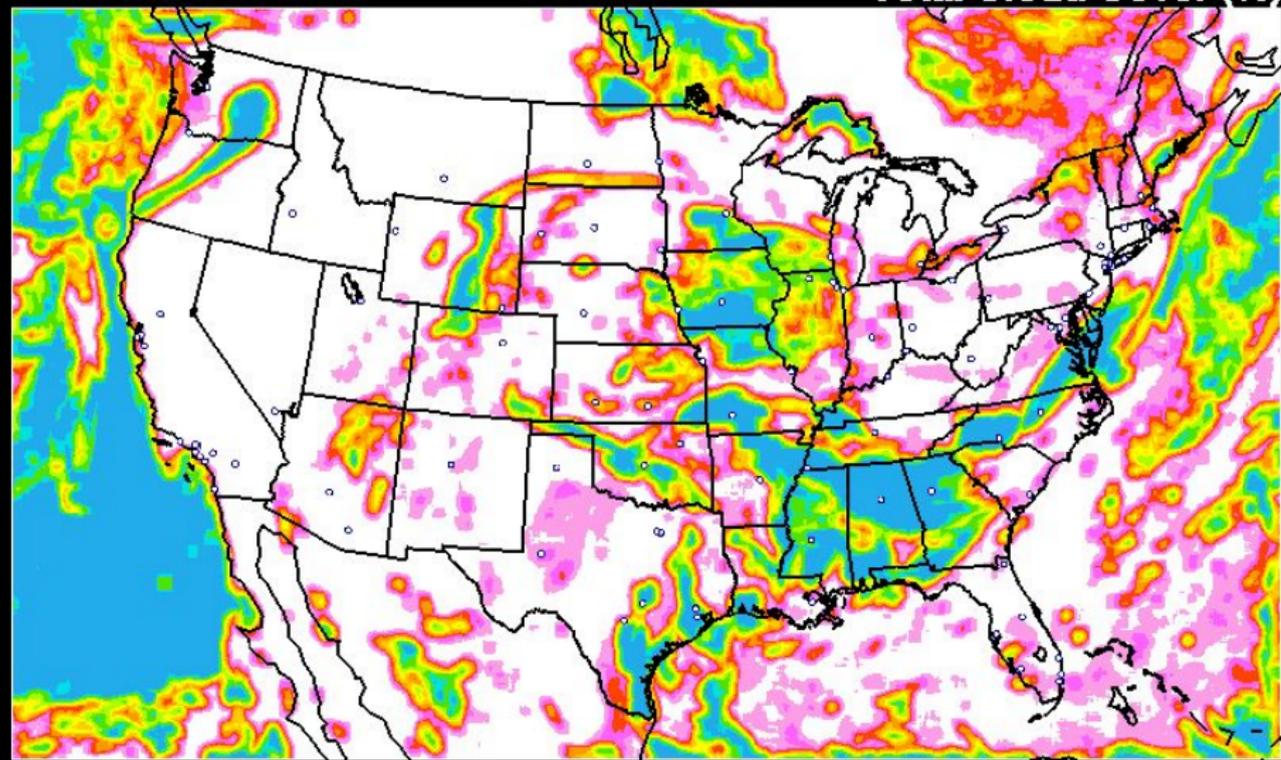
Valid 07/19/2016 18:00 UTC  
2m Temp (F), 10m Wind (kt)



-60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120

HRRR-NCEP 07/19/2016 (08:00) 10h fcst

Valid 07/19/2016 18:00 UTC  
Total Cloud Cover (%)



10 20 30 40 50 60 70 80 90 95