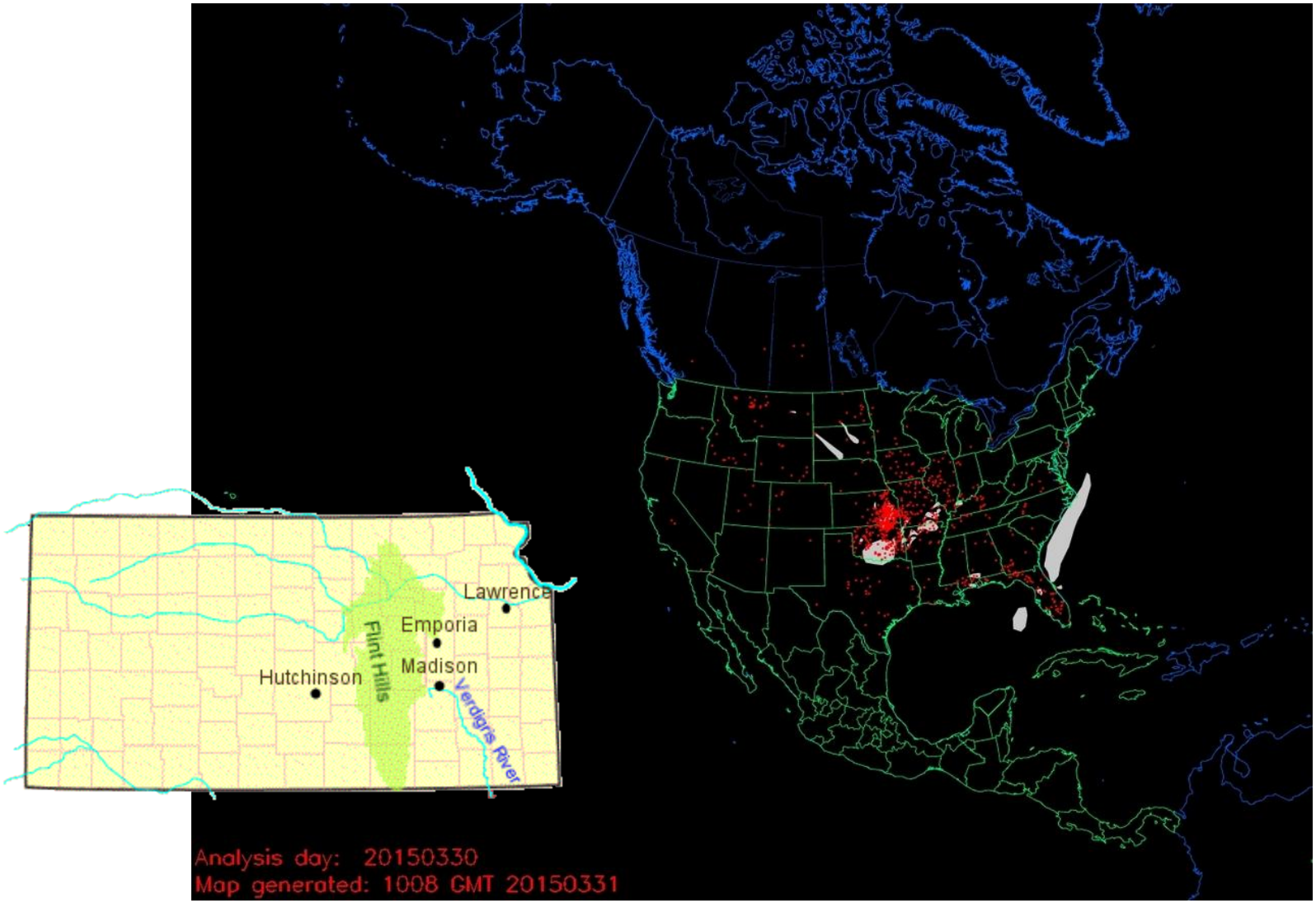
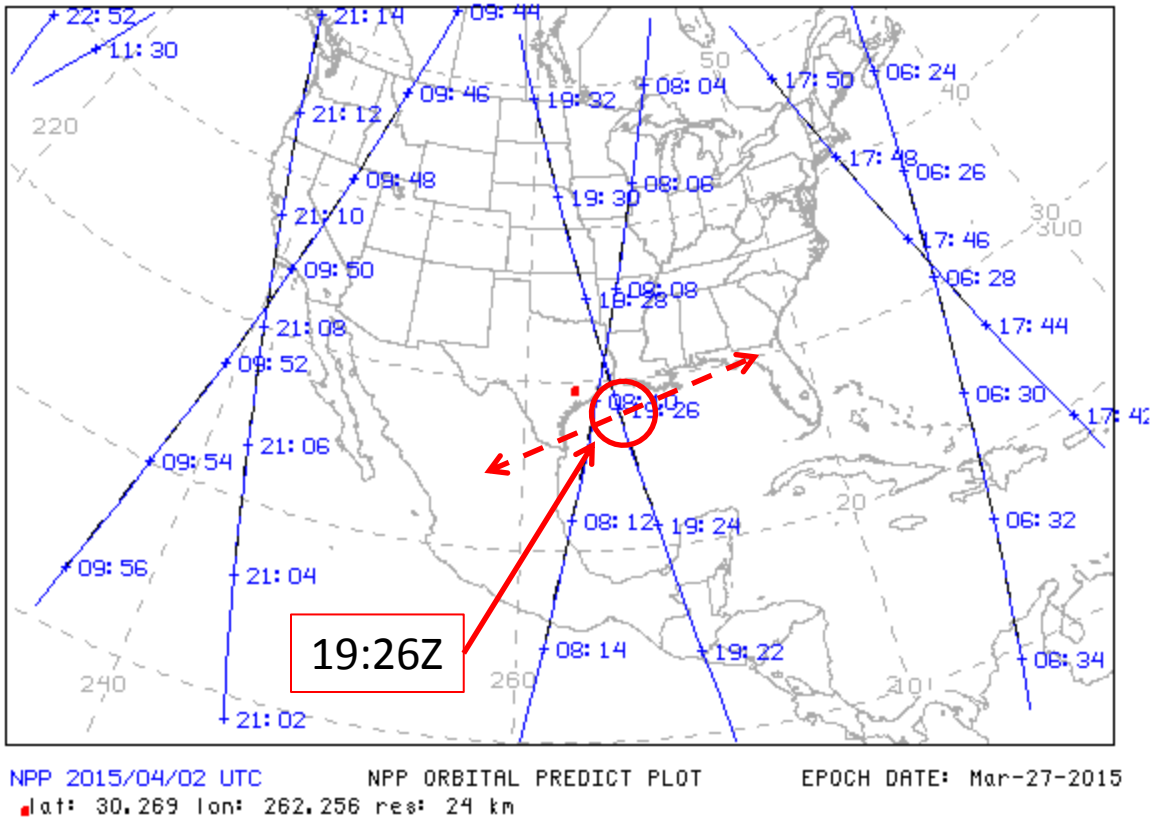
RAQMS 20150331 SONGNEX
78hr Forecast for 18Z April 02, 2015 Transit to Austin, TX



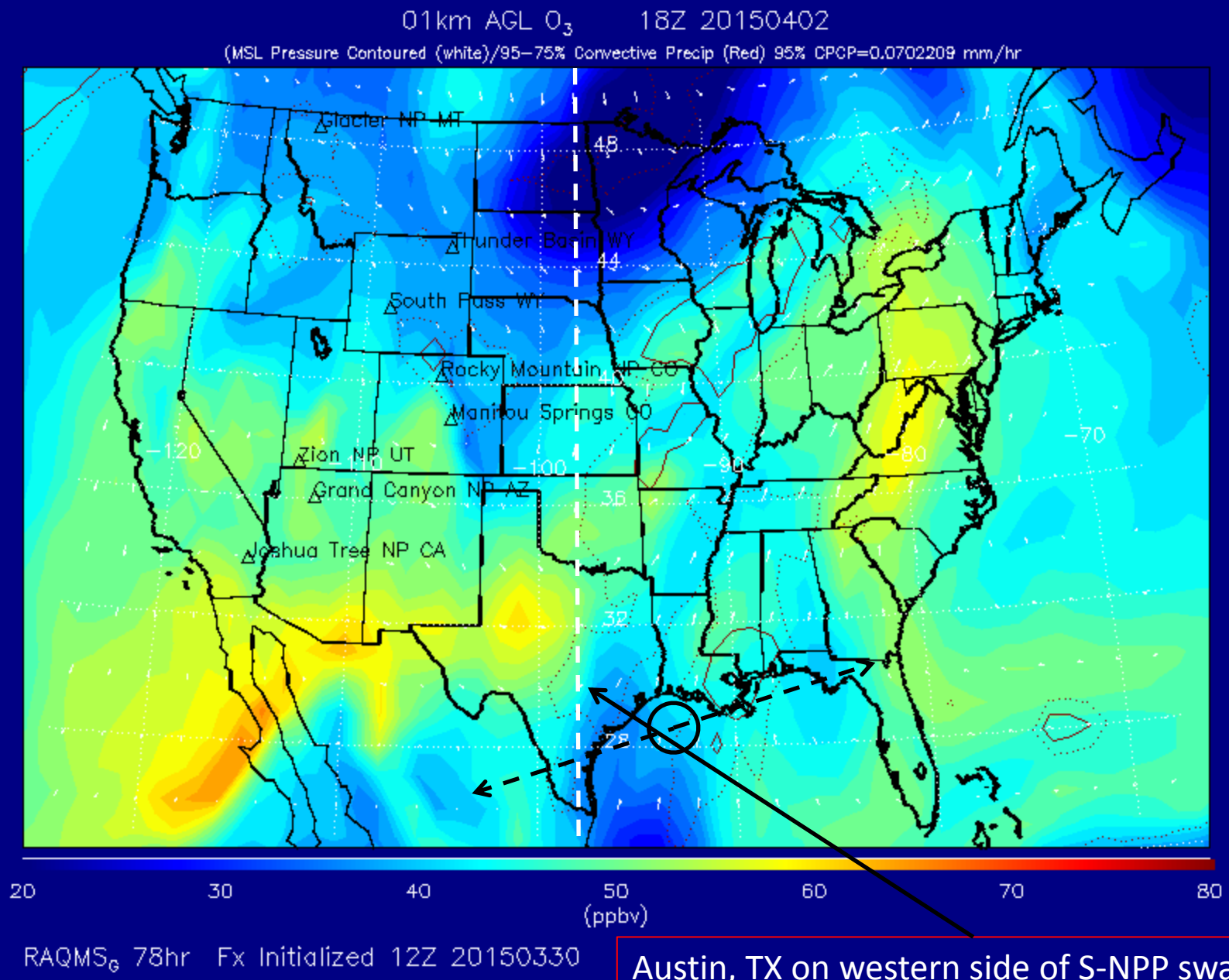
S-NPP (CrIS) overpass on 2015/04/02
NUCAPS CO2, O3, CO, CH4 Validation Opportunity –***western swath***

S-NPP overpass over Austin at 19:26Z (2:24pm Central)



Approximate swath width

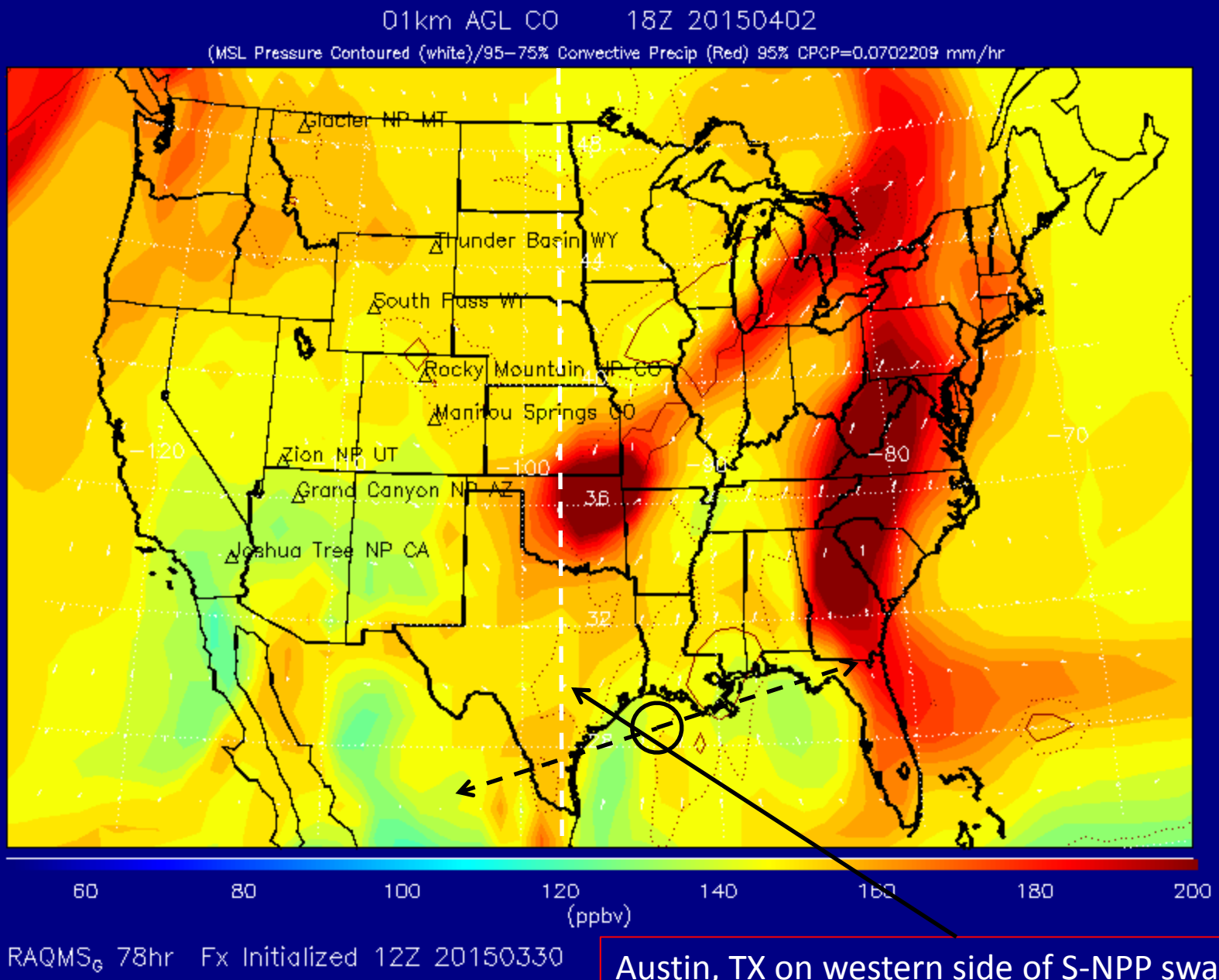
http://raqms.ssec.wisc.edu/forecast/view/20150330



Austin, TX on western side of S-NPP swath

Approximate swath width

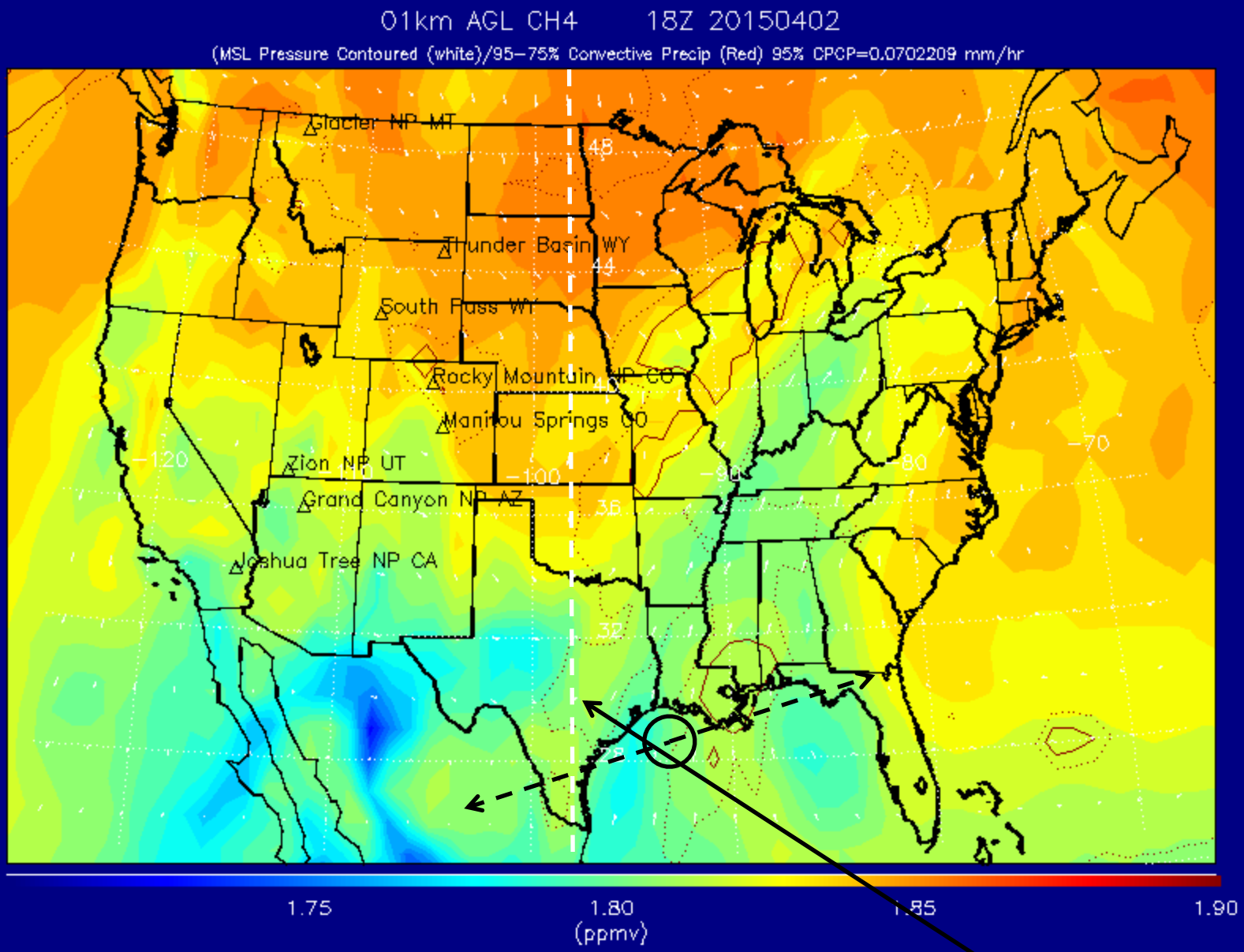
http://raqms.ssec.wisc.edu/forecast/view/20150330



Austin, TX on western side of S-NPP swath

Approximate swath width

http://raqms.ssec.wisc.edu/forecast/view/20150326

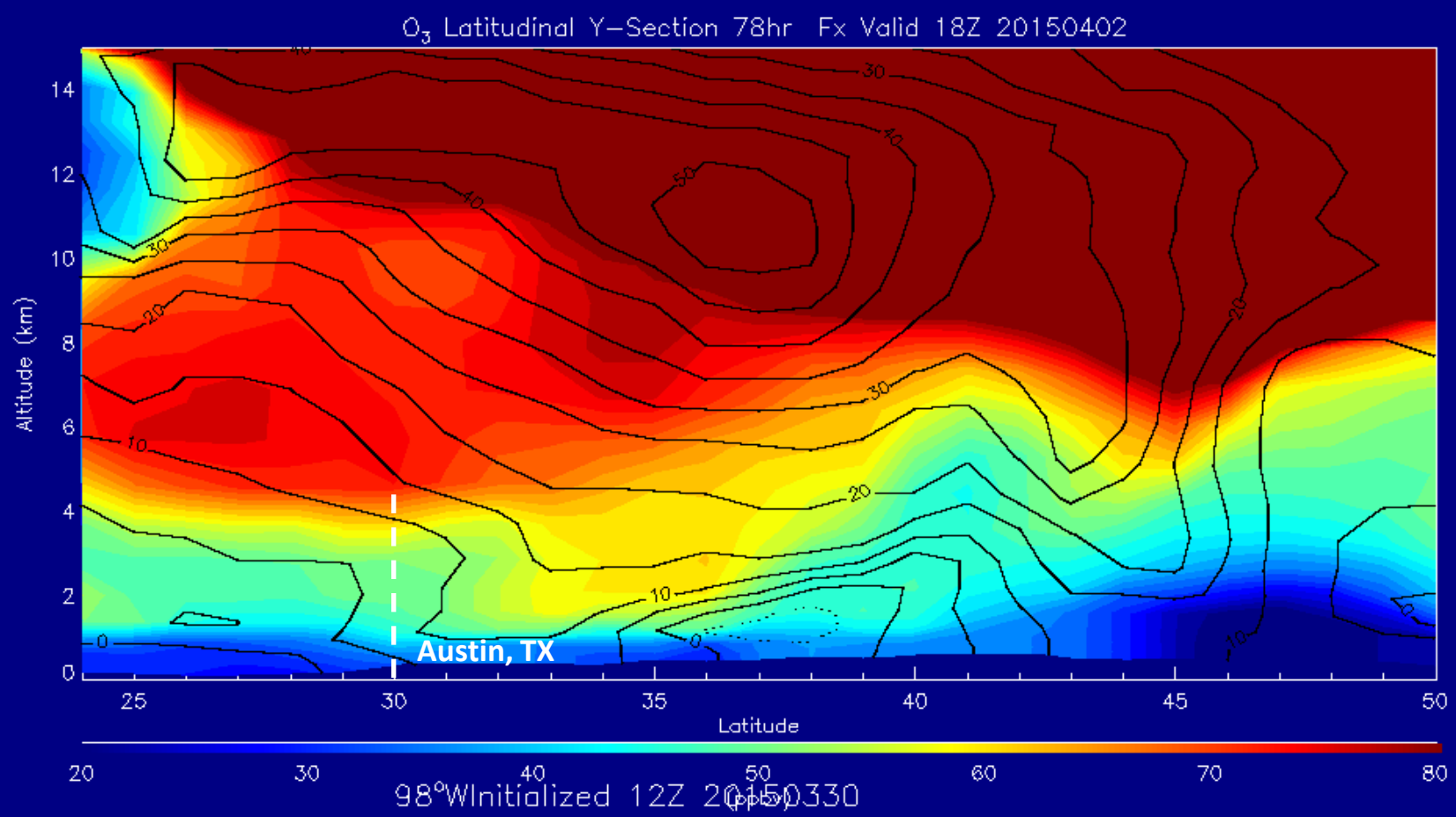


Austin, TX on western side of S-NPP swath

RAQMS surface CH4 constrained with 1990 mixing ratio – introduces ~0.1ppmv low bias

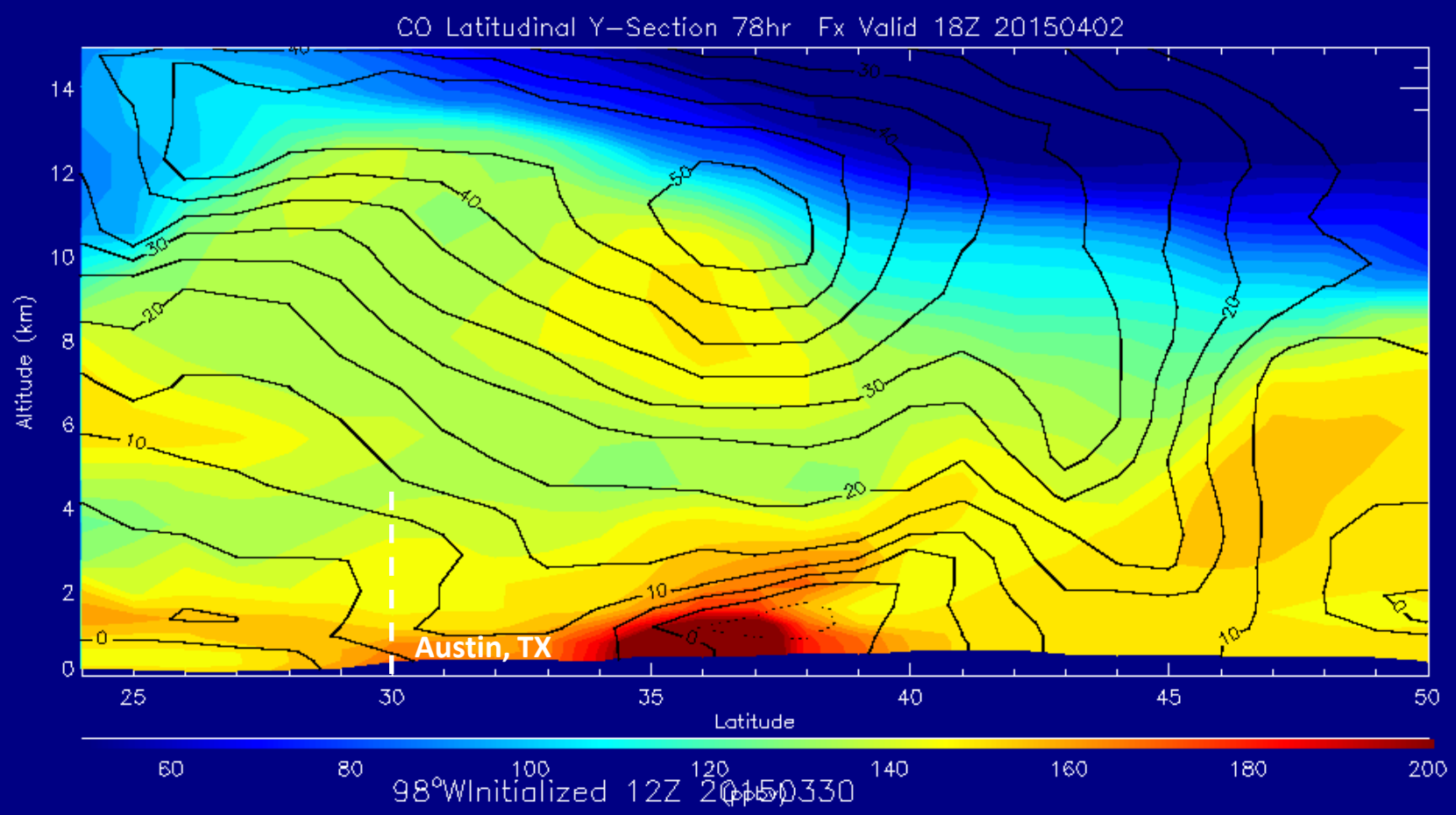
http://raqms.ssec.wisc.edu/forecast/view/20150330

RAQMS 78hr FX O3 Cross-section at 98W (Austin, TX)



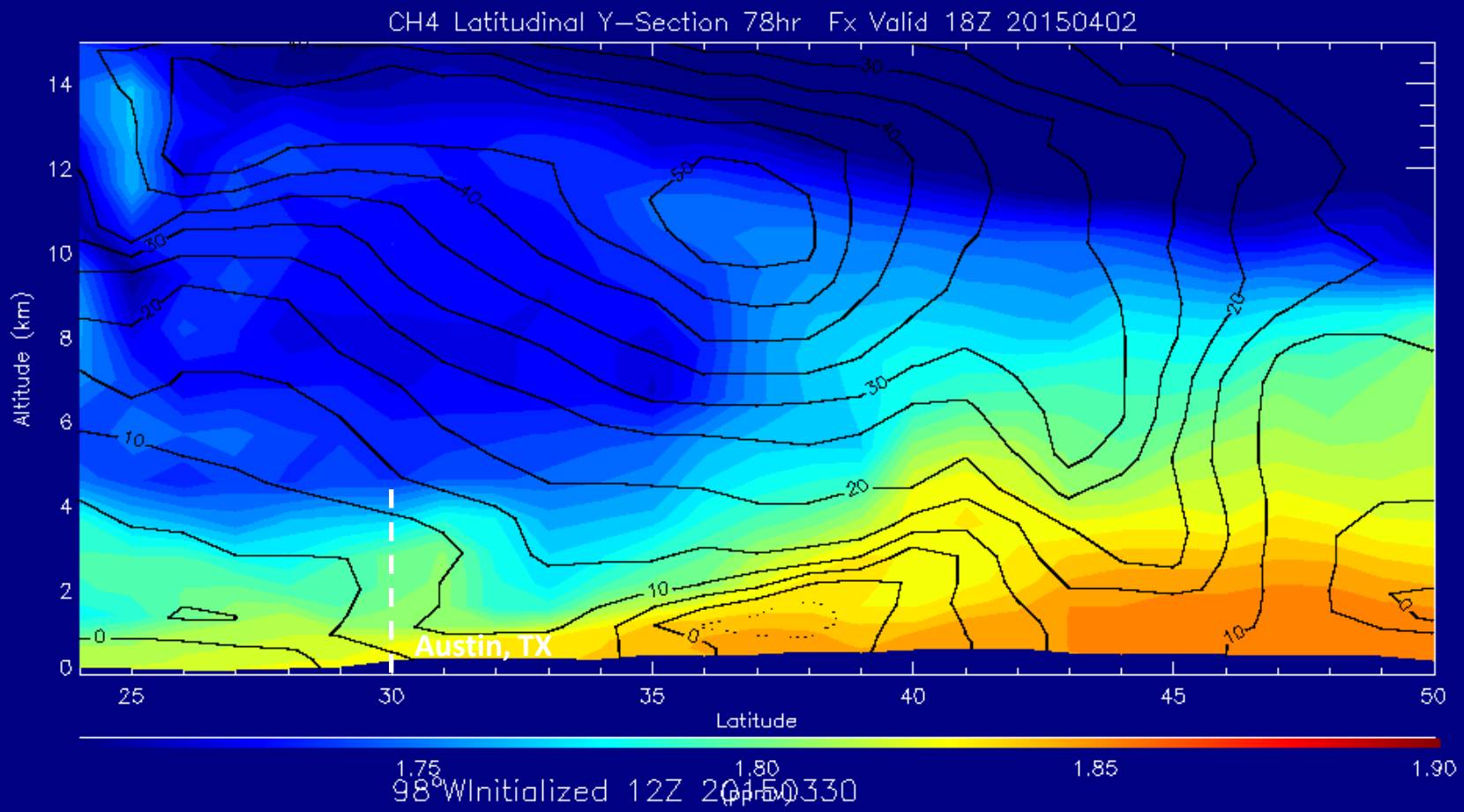
http://raqms.ssec.wisc.edu/forecast/view/20150330

RAQMS 78hr FX O3 Cross-section at 98W (Austin, TX)



http://raqms.ssec.wisc.edu/forecast/view/20150330

RAQMS 78hr FX O3 Cross-section at 98W (Austin, TX)



RAQMS surface CH4 constrained with 1990 mixing ratio – introduces ~0.1ppmv low bias