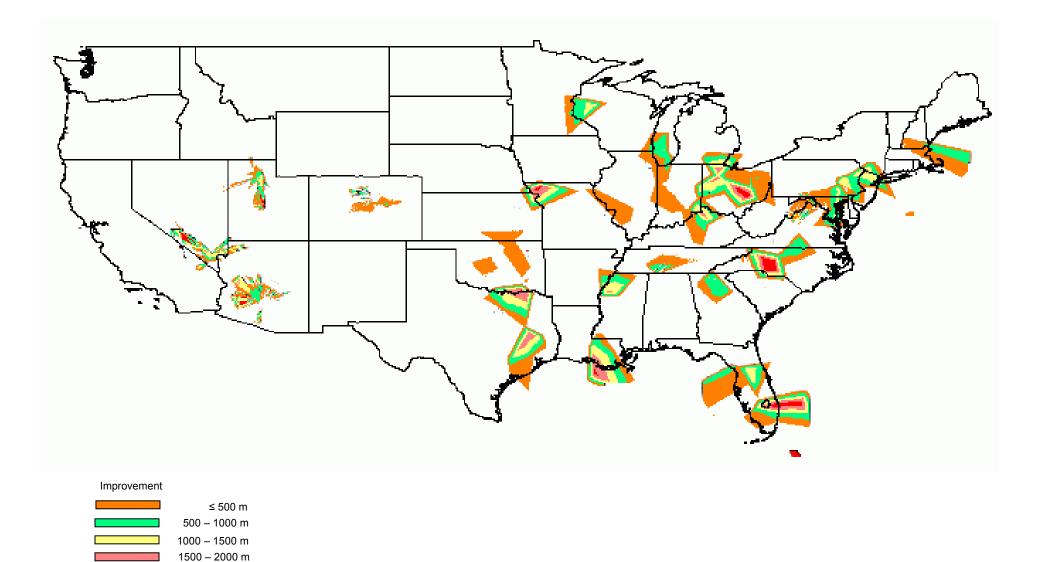
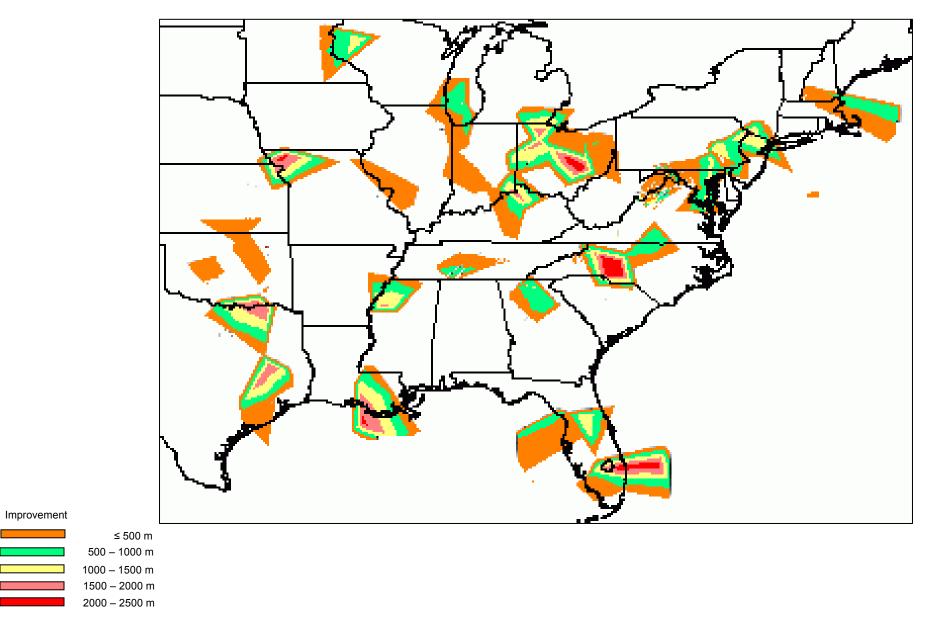
TDWR Coverage Impact

Bob Saffle, Ira Graffman March 18, 2008



Improvement in Minimum Height Above Ground of Radar Coverage: TDWR Added To WSR-88D

2000 – 2500 m

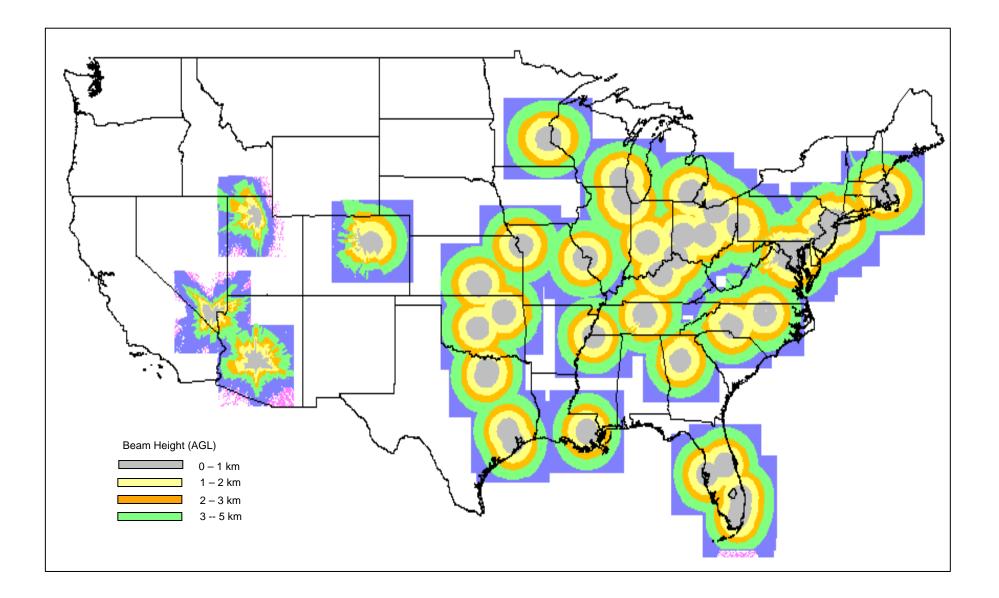


Improvement in Minimum Height Above Ground of Radar Coverage: TDWR Added To WSR-88D

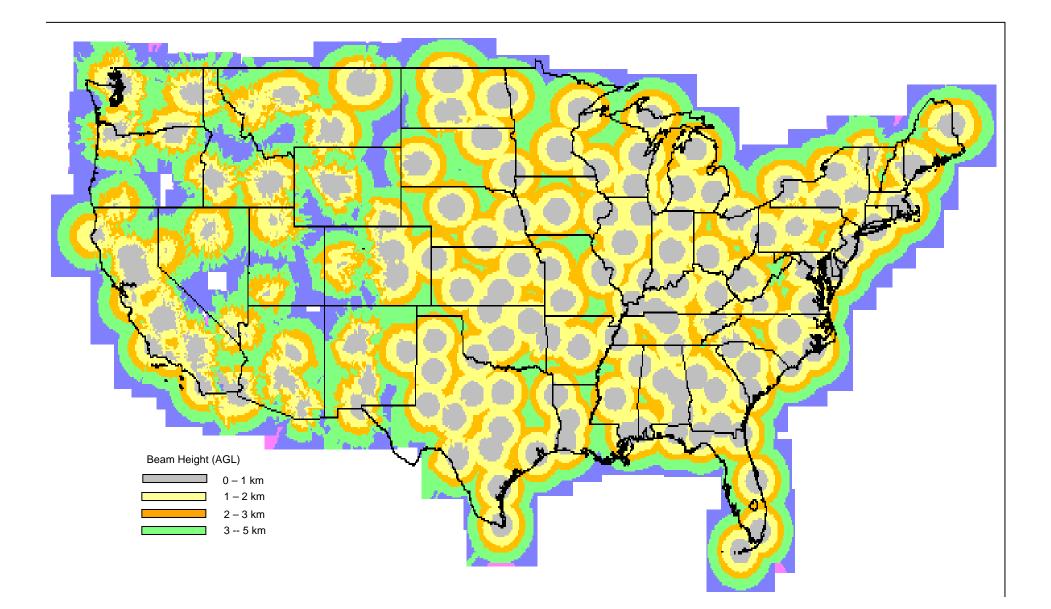
CONUS Radar Coverage Reflectivity Data WSR-88D + TDWR

Bob Saffle, Ira Graffman

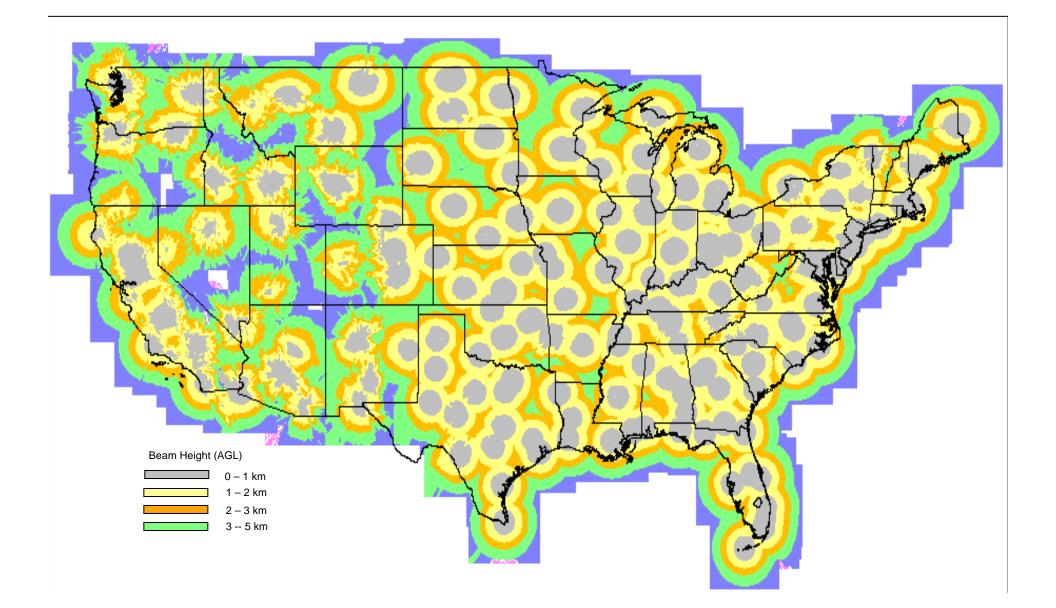
CONUS TDWR Coverage AGL



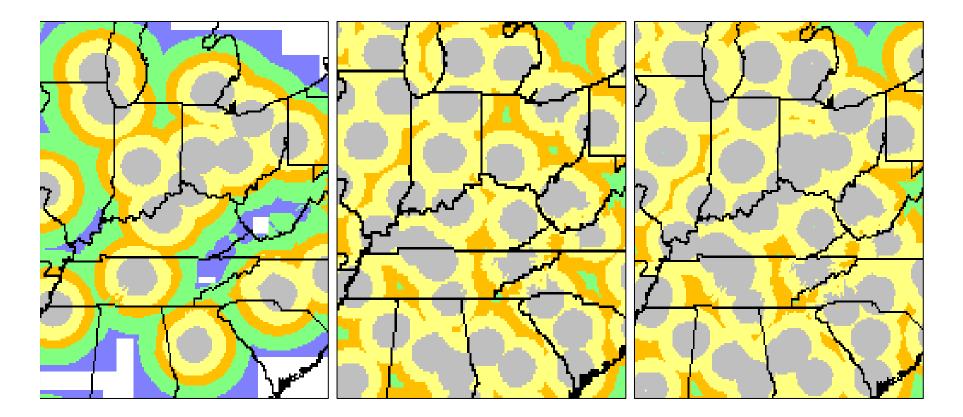
CONUS WSR-88D Coverage AGL



CONUS WSR-88D + TDWR Coverage AGL



TDWR Coverage Enhancements To WSR-88DTDWRWSR-88DCombined



Beam Height (AGL)

- 0 1 km
 - 1 2 km
 - 2 3 km
 - 3 -- 5 km