

Image 14 KLOT NEXRAD Base Reflectivity Image on July 23, 2010 at 1830 hours

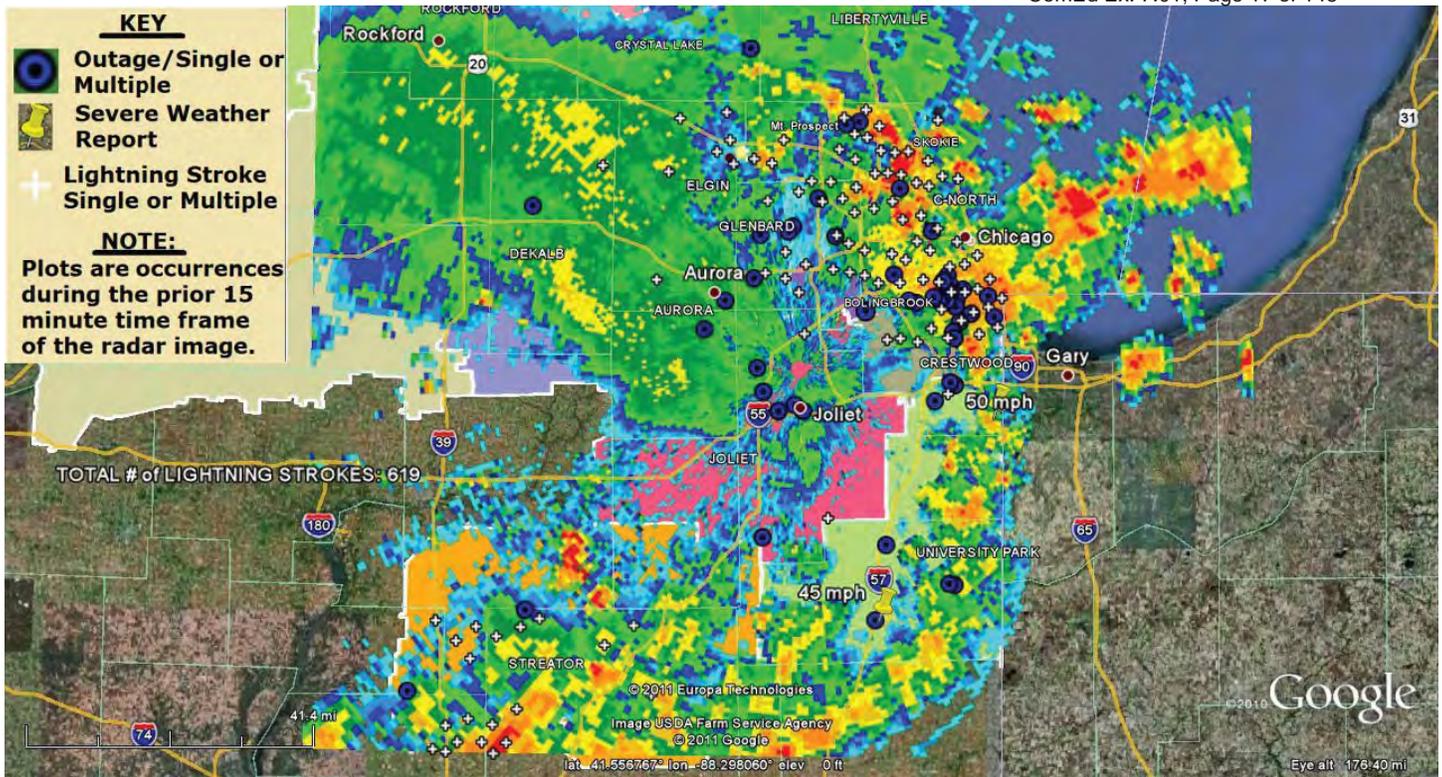
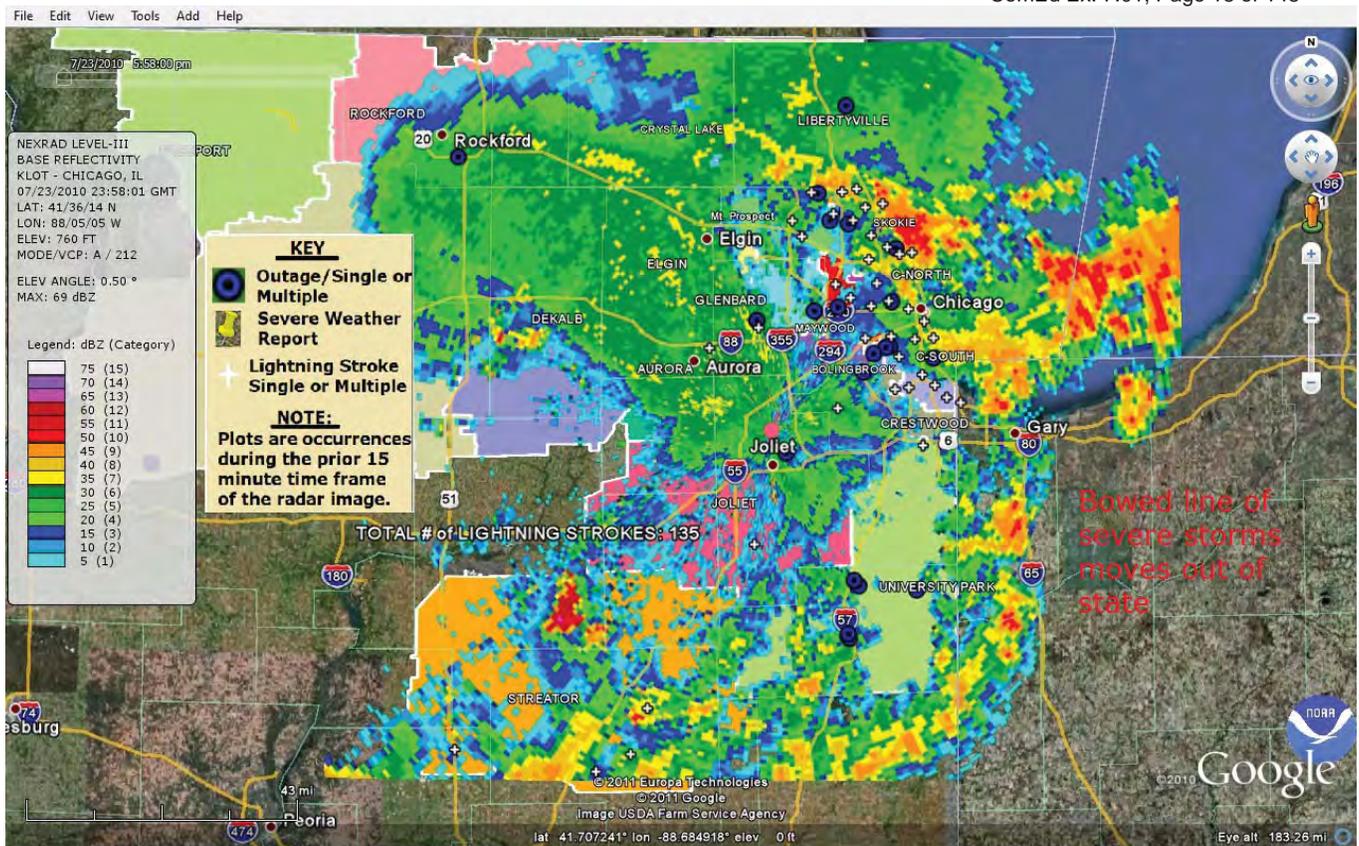


Image 15 KLOT NEXRAD Base Reflectivity Image on July 23, 2010 at 1845 hours



**Image 16 KLOT NEXRAD Base Reflectivity Image on July 23, 2010 at 1900 hours**

Total ComEd Customers Who Lost Power (Cumulative)	Customers Restored (Cumulative)	Customers Still Without Power
66,938	44,973	21,965

The following images, Images 17 and 18, show all the severe weather reports with outages and the lightning strokes during the period of time the bowed line of thunderstorms was over ComEd’s service territory. It is very evident from these two images that the wind damage with gusts exceeding 60 mph was south of I-88 southward into the northern portions of ComEd’s Streator and University Park Regions. The intense lightning was in a band 10 to 20 miles south of I-88.

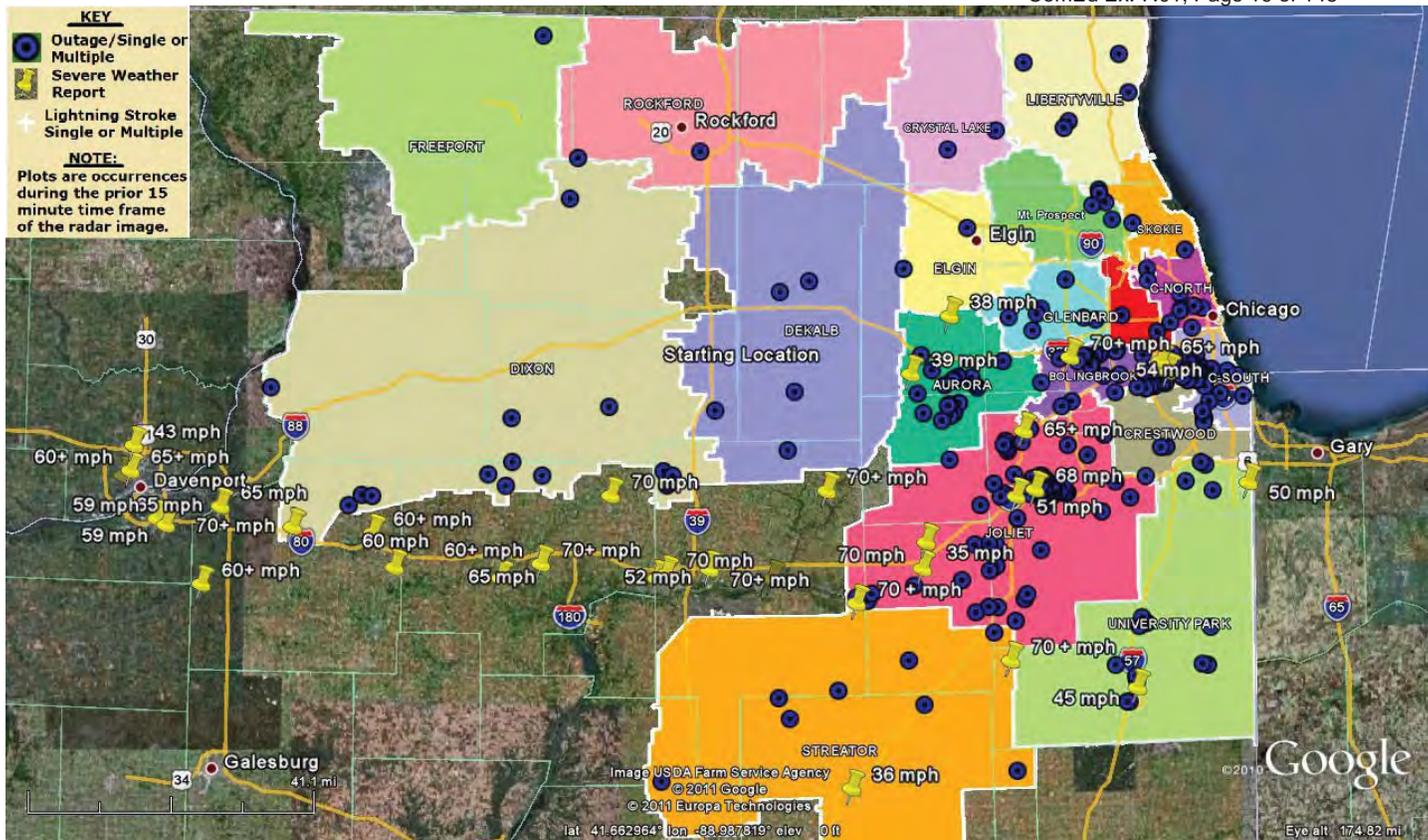
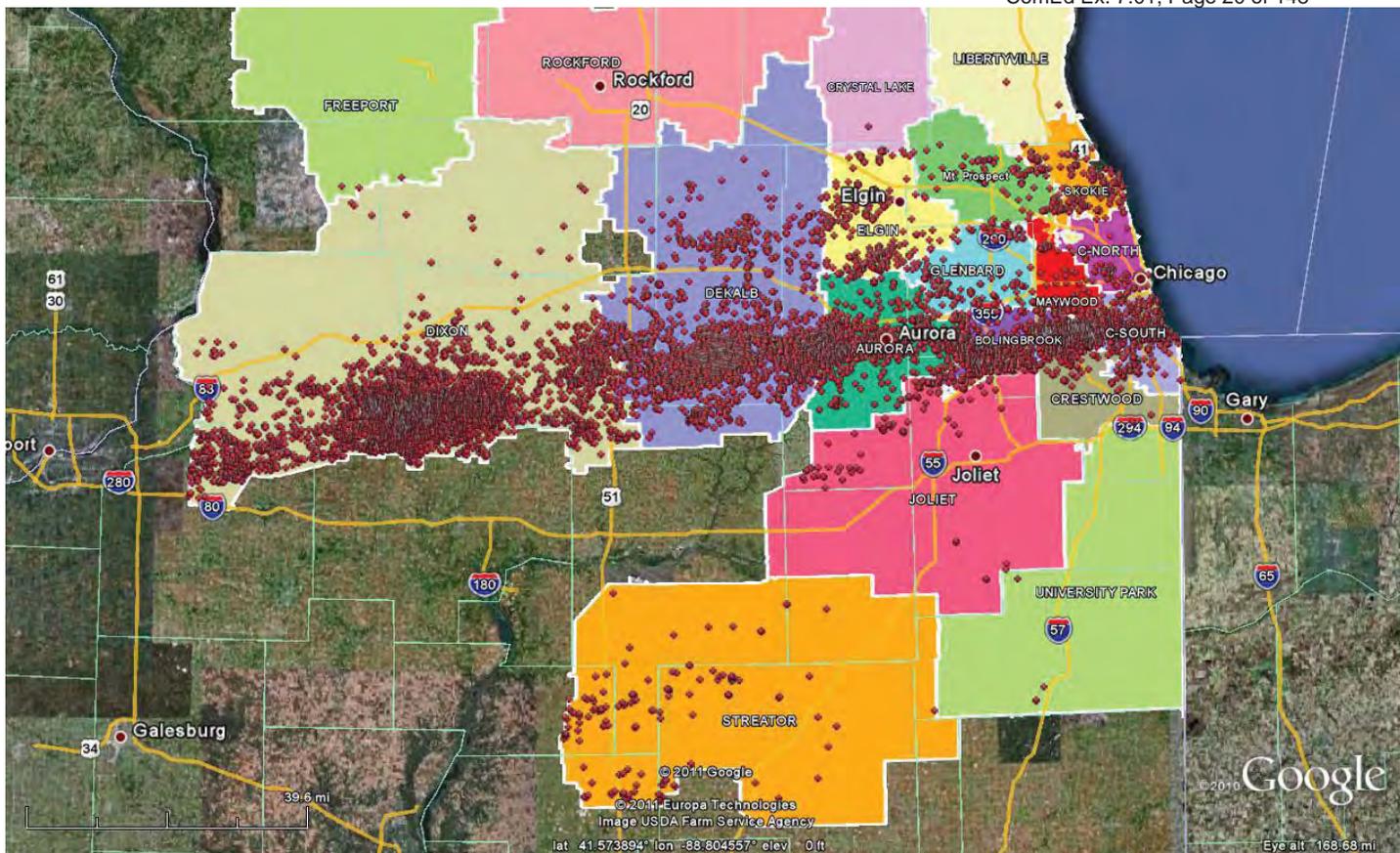


Image 17 Severe Weather Reports and Outages from 1600 through 1900 hours on July 23, 2010



**Image 18 A Total of 11,337 Lightning Stokes from 1600 through 1900 hours on July 23, 2010 (light grayed +'s indicate multiple lightning strokes)**

After the bowed line of severe thunderstorms exited the state it remained quiet until approximately 2100 hours when new thunderstorms developed along the old outflow boundary that remained across Northern Illinois westward into Iowa. With a strong southwest low level jet continuing to bring very warm moist air into Northern Illinois, an approaching upper air trough moving into Iowa and Minnesota creating lift, and the upper atmosphere cooling due to the nocturnal effect, the atmosphere was becoming very conducive for thunderstorm development. This development would be focused along this old outflow boundary in Iowa and Northern Illinois.

Even though there were no reports of severe wind or hail, there was intense lightning and flash flooding across Northern Illinois, especially north of I-88. Some of these locations had 5 separate clusters of heavy thunderstorms that moved over the same areas (“training effect”) from 2100 hours on July 23<sup>rd</sup> through 0900 hours on July 24<sup>th</sup>. The following images depict the evolution of these thunderstorms through the morning of July 24<sup>th</sup>:

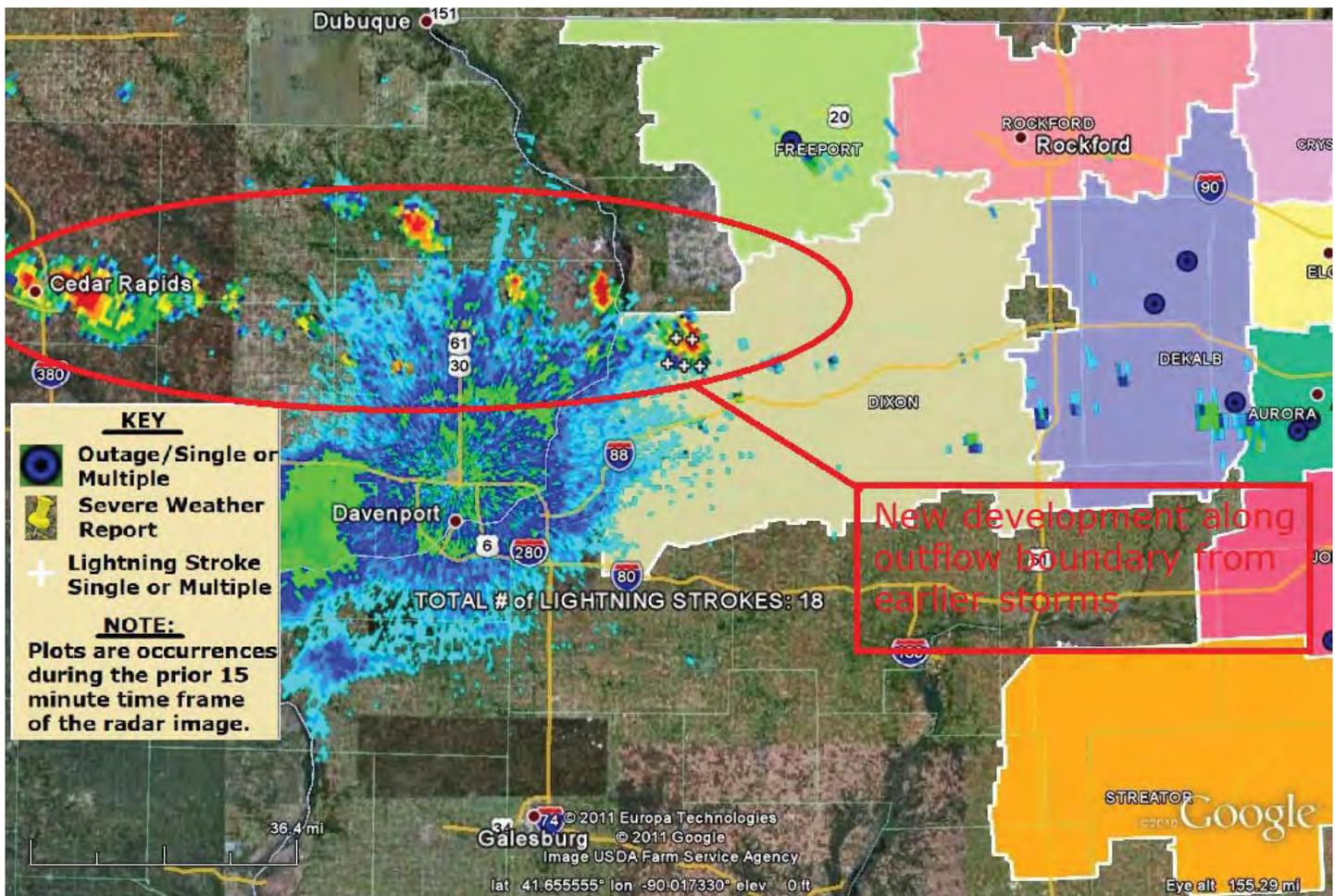
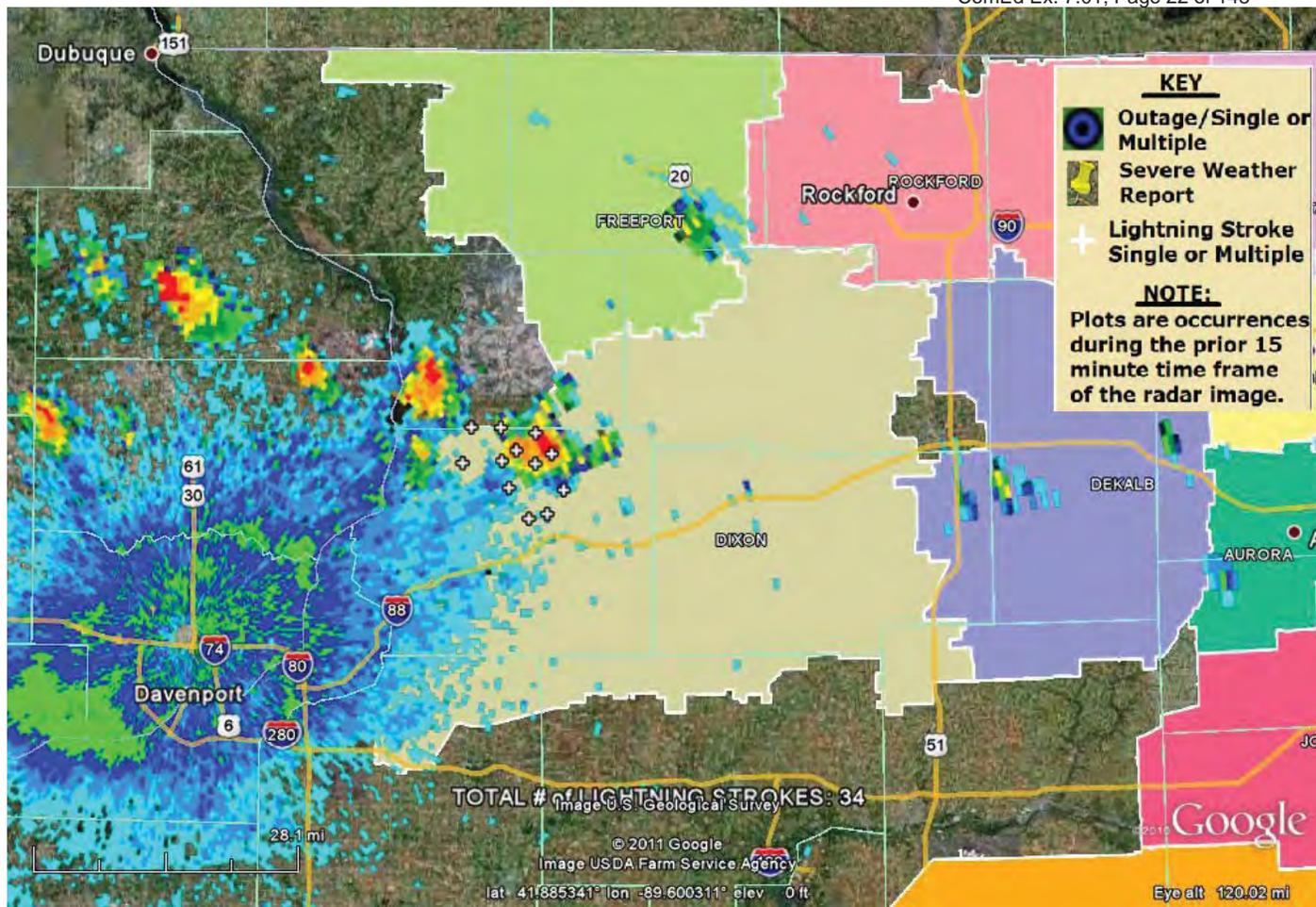


Image 19 KDVN Base Reflectivity image at approximately 2100 hours on July 23, 2010



**Image 20 KDVN Base Reflectivity image at approximately 2115 hours on July 23, 2010**

Total ComEd Customers Who Lost Power (Cumulative)	Customers Restored (Cumulative)	Customers Still Without Power
66,938	44,973	21,965

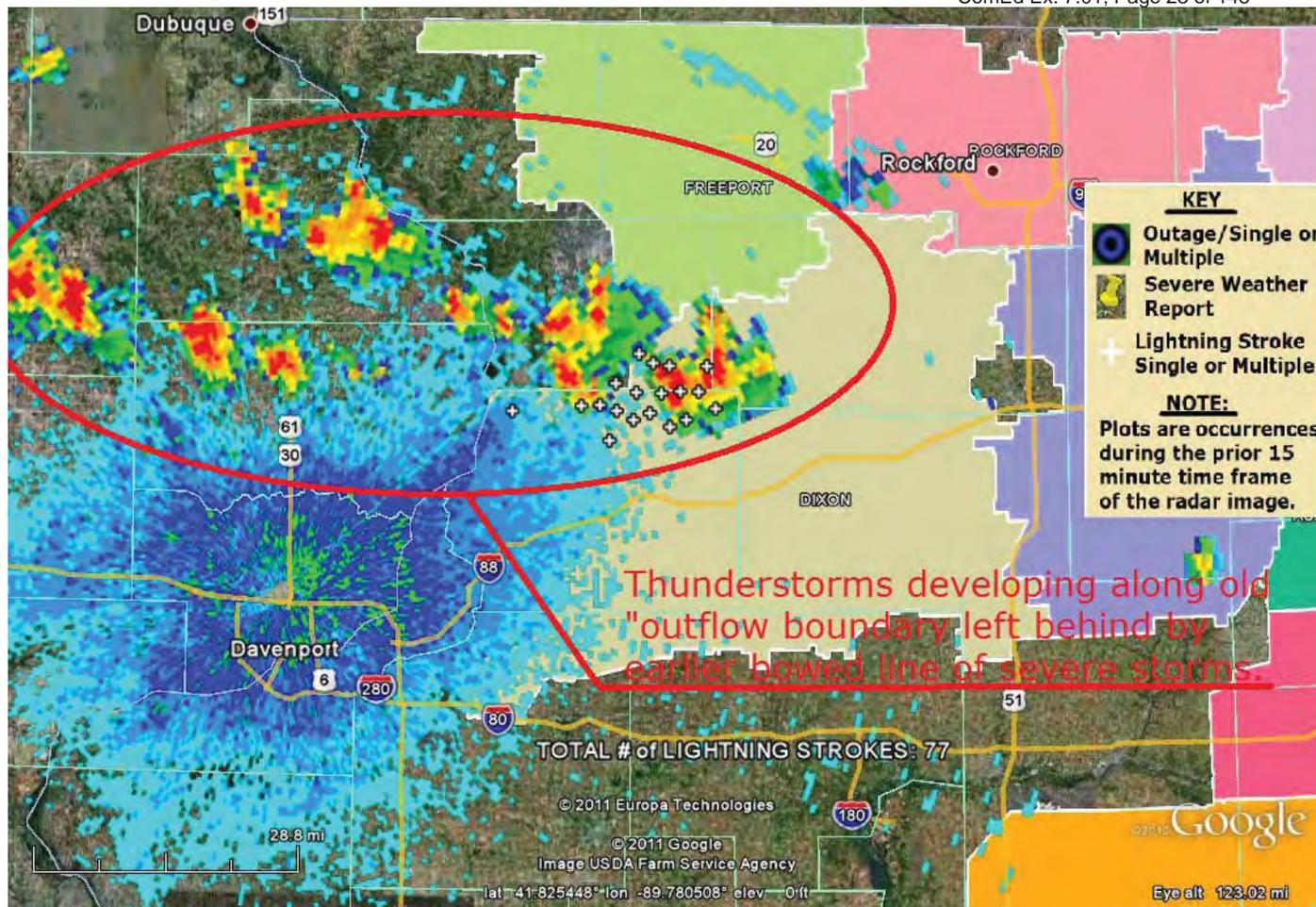


Image 21 KDVN Base Reflectivity image at approximately 2130 hours on July 23, 2010

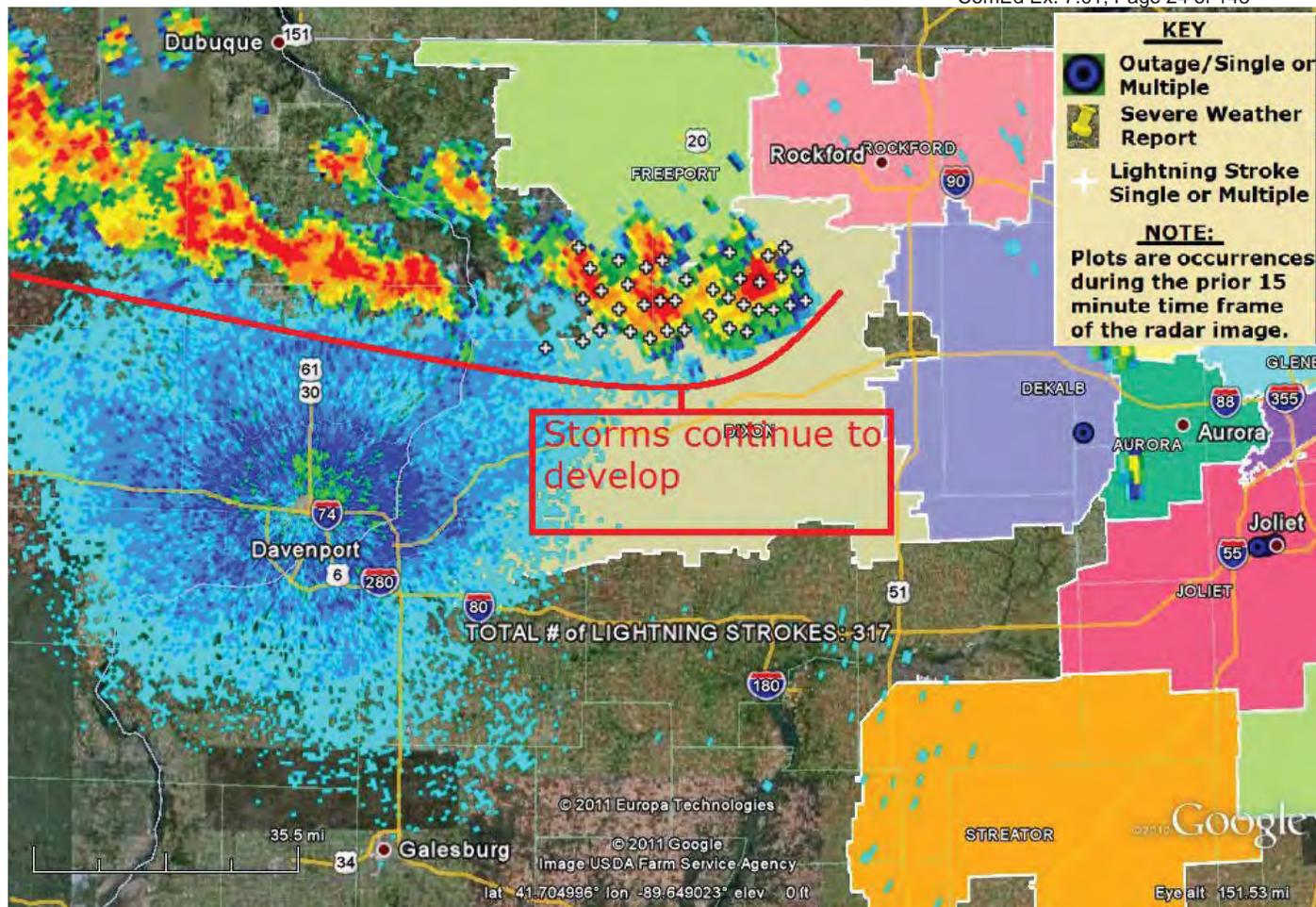
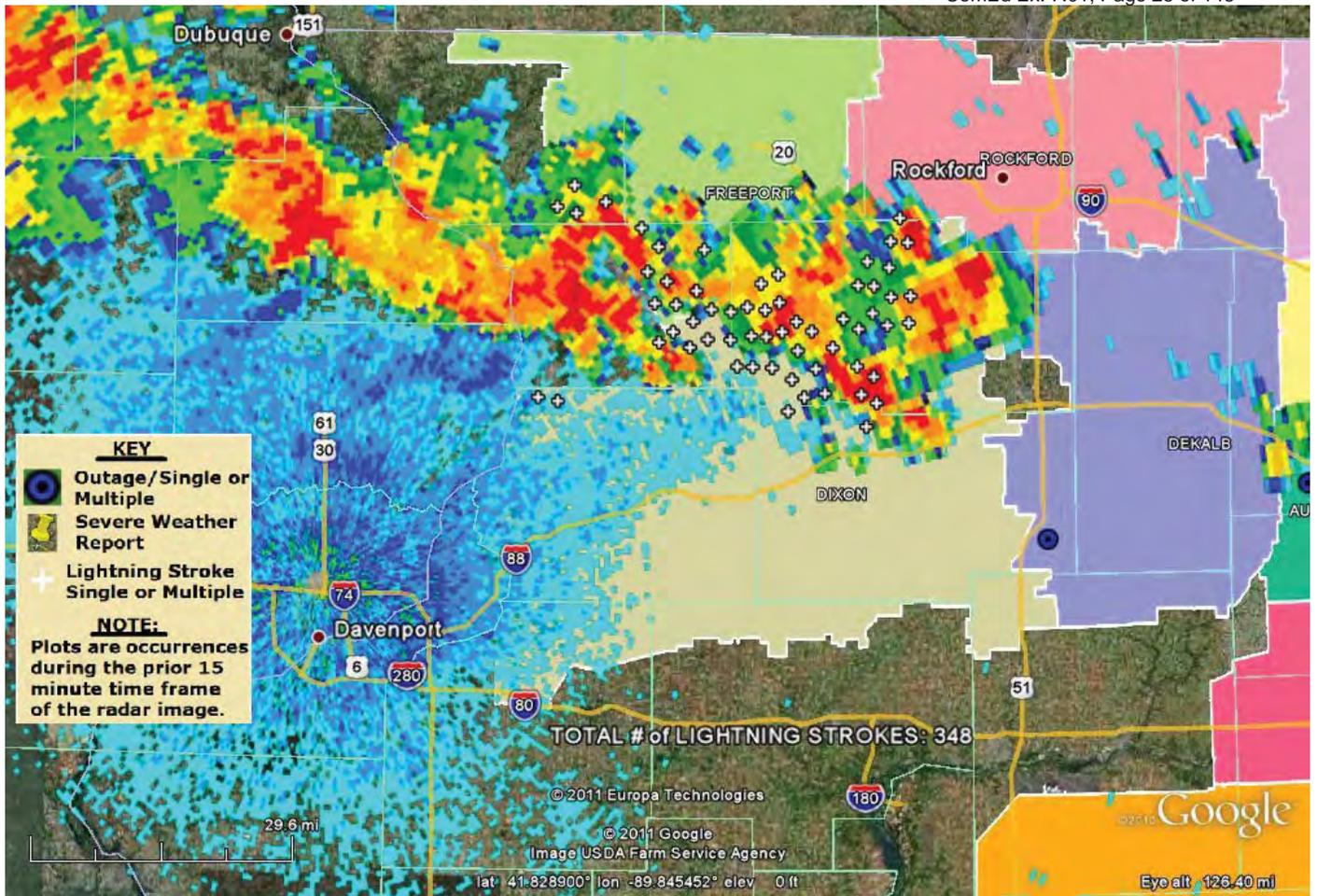


Image 22 KDVN Base Reflectivity image at approximately 2200 hours on July 23, 2010



**Image 23 KDVN Base Reflectivity image at approximately 2215 on July 23, 2010**

Total ComEd Customers Who Lost Power (Cumulative)	Customers Restored (Cumulative)	Customers Still Without Power
68,012	49,105	18,907

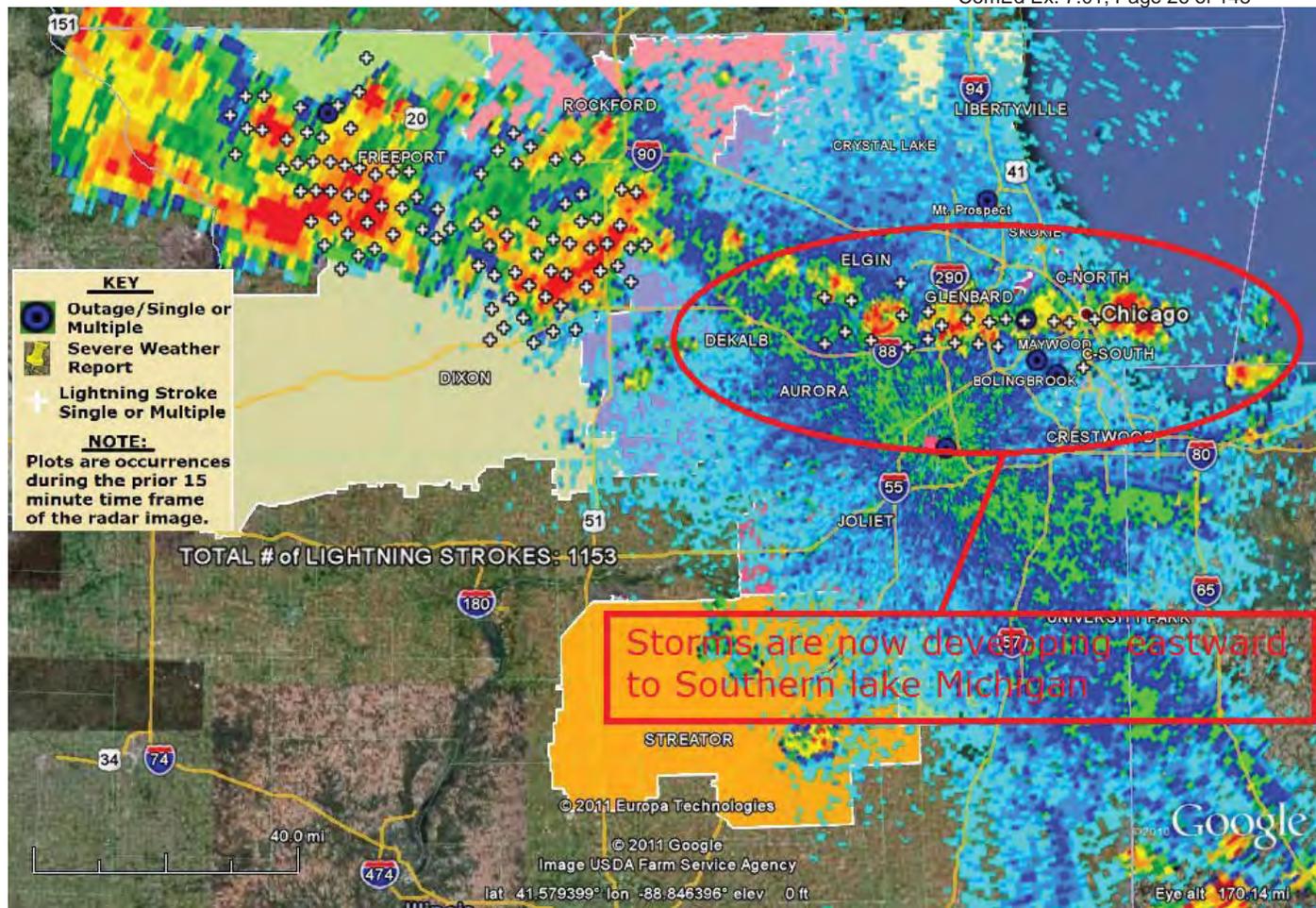


Image 24 KLOT Base Reflectivity image at approximately 2245 hours on July 23, 2010