

# Maps for the grazing occultation of Regulus on 2007 June 19

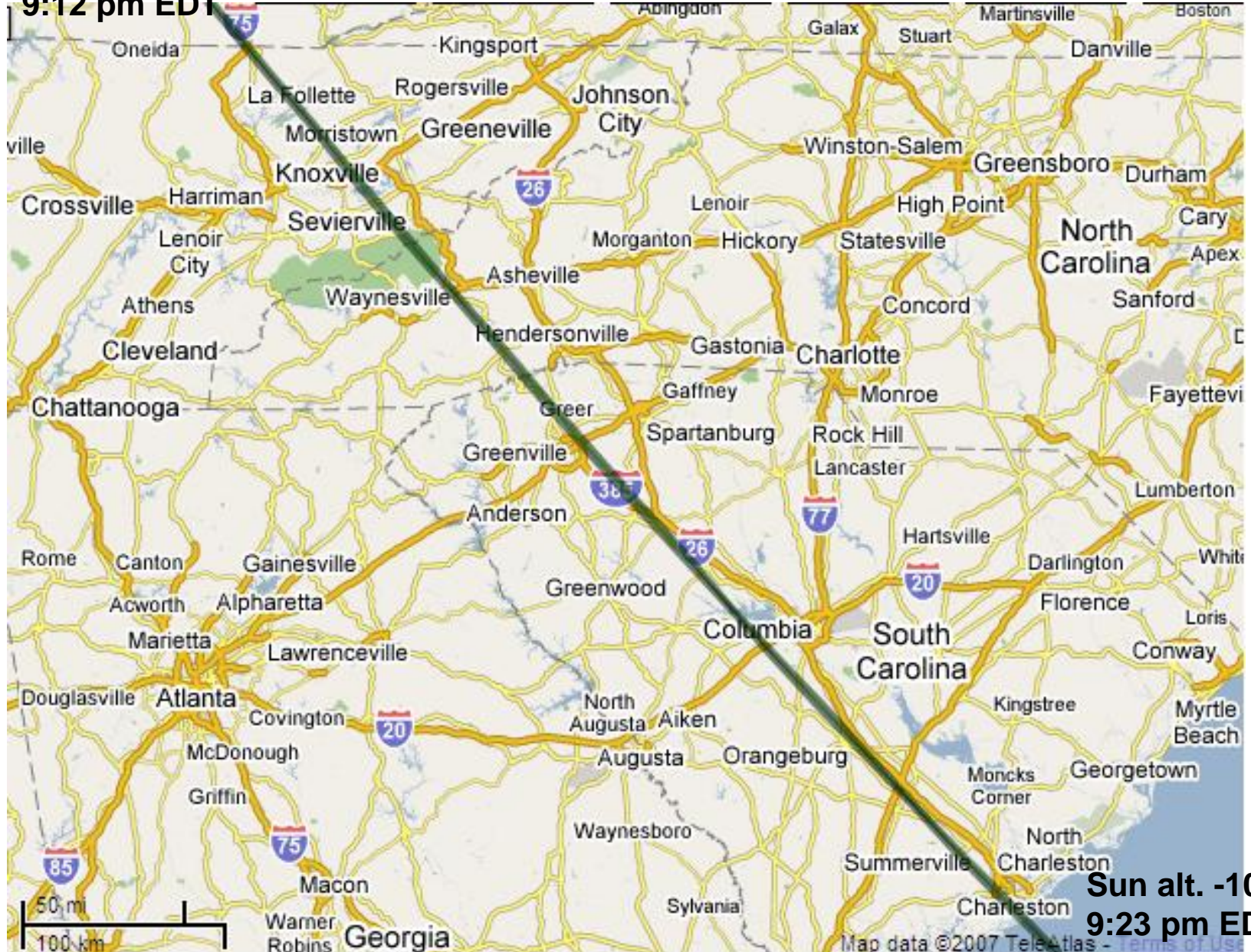
Profile & graze multiple events range, 0.8 km north to 1.6 km south of the northern limit line, with most multiple events visible from sites north of the northern limit line [offsets used for the gray lines from Brad Timerson's graze mapping Web site]. This is for the path across South Carolina; the offsets are different for other locations, and can be supplied upon request. Note that the graze will occur early on 2007 June 20 U.T.

Local times of the start of the 3-min. graze period are given on the next 3 maps.

# Path across Carolinas and Tennessee;

Sun alt.  $-4^\circ$  total occultation is south of path

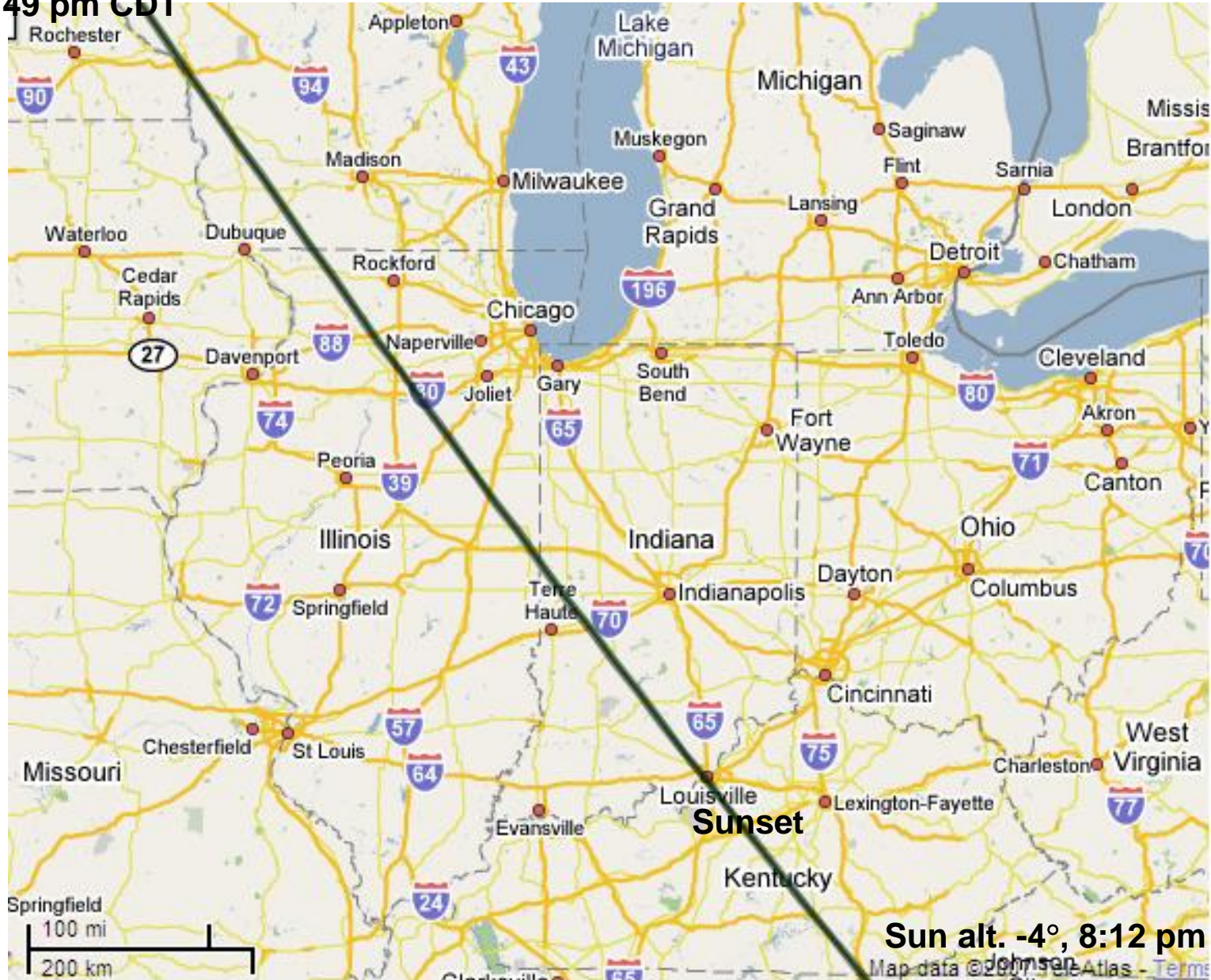
9:12 pm EDT



Sun alt.  $-10^\circ$   
9:23 pm EDT

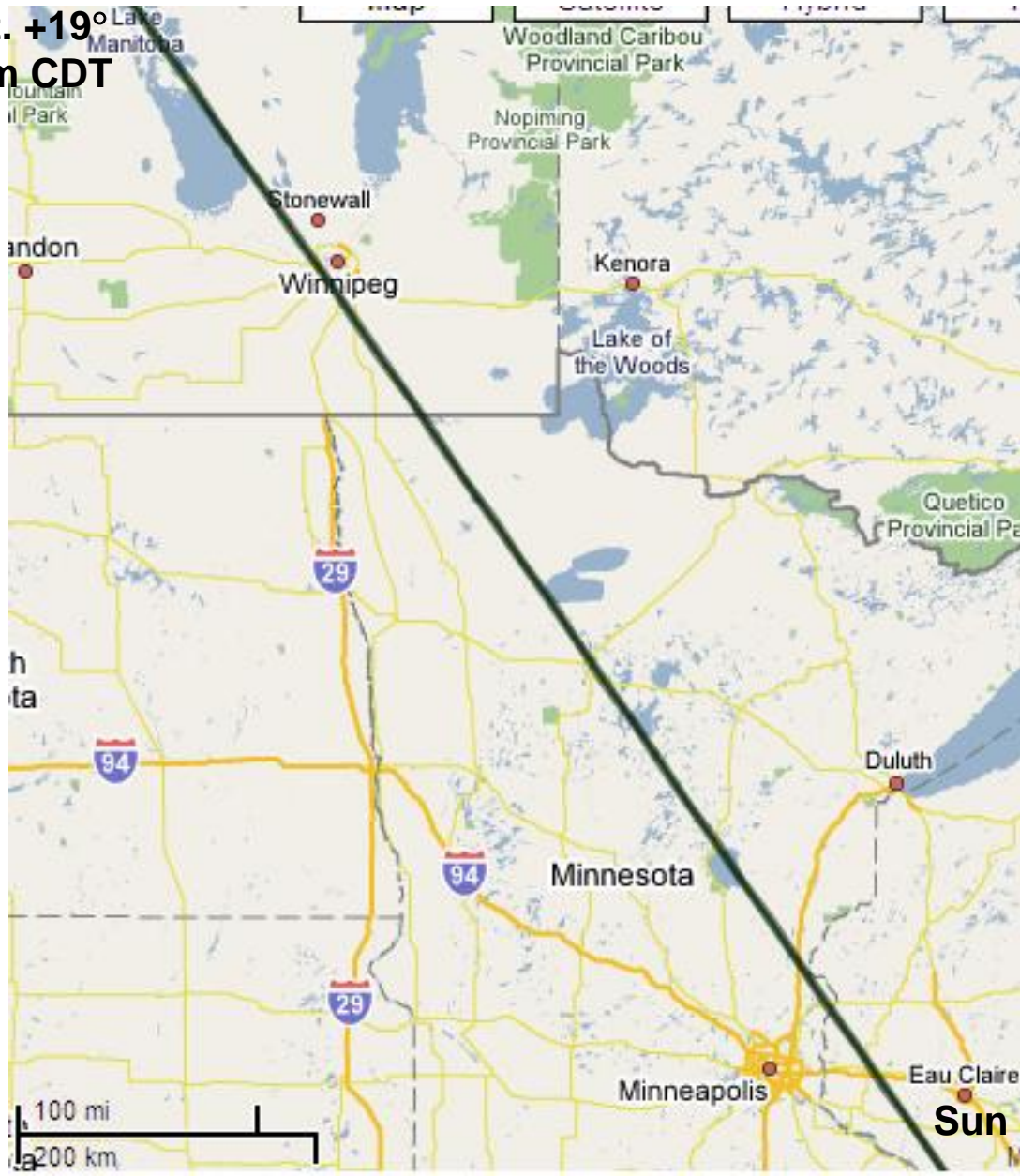
# Path from Wisconsin to Kentucky;

Sun alt.  $+9^\circ$  total occultation is south of path  
7:49 pm CDT



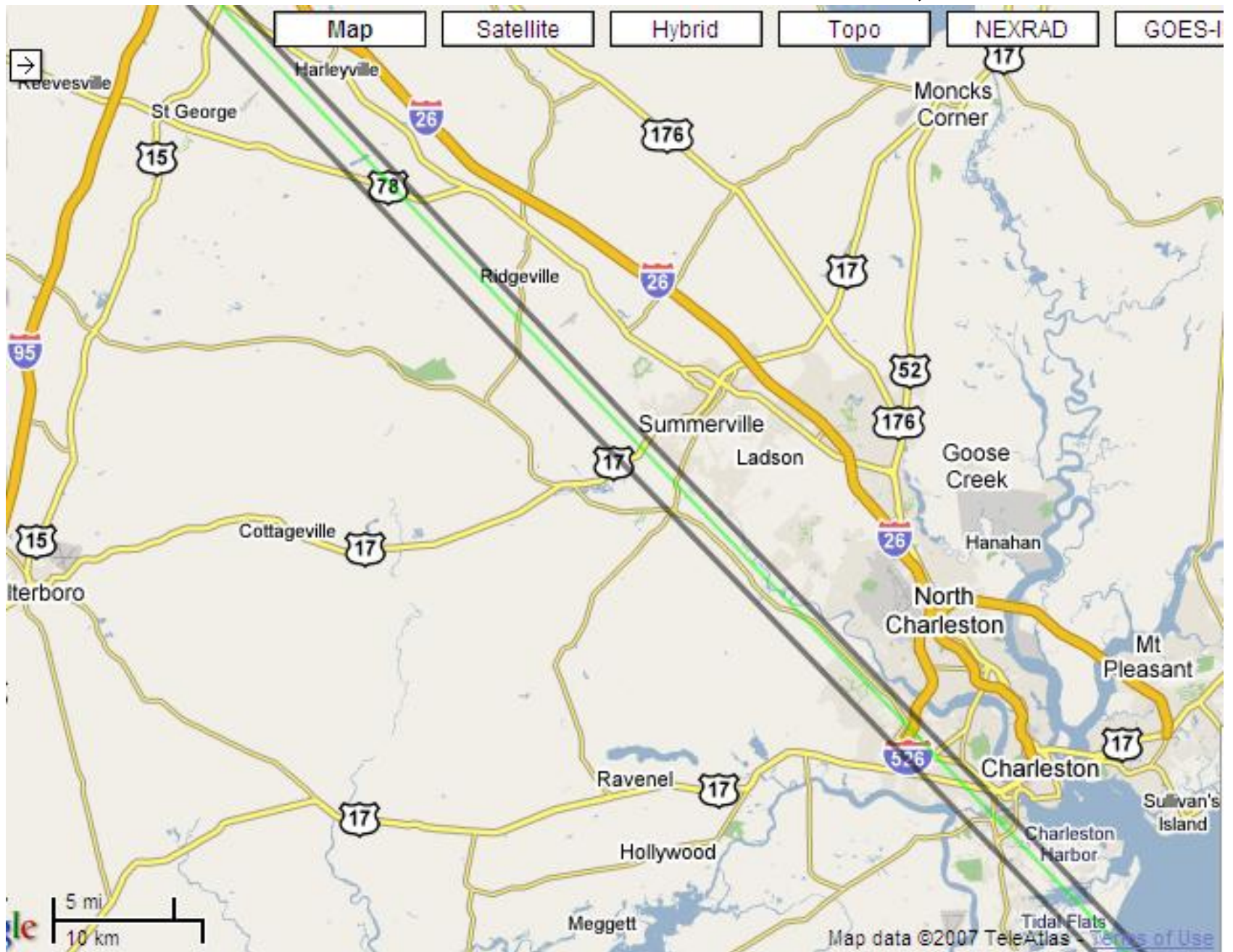
# Path from Wisconsin to Kentucky; total occultation is south of path

Sun alt. +19°  
7:31 pm CDT

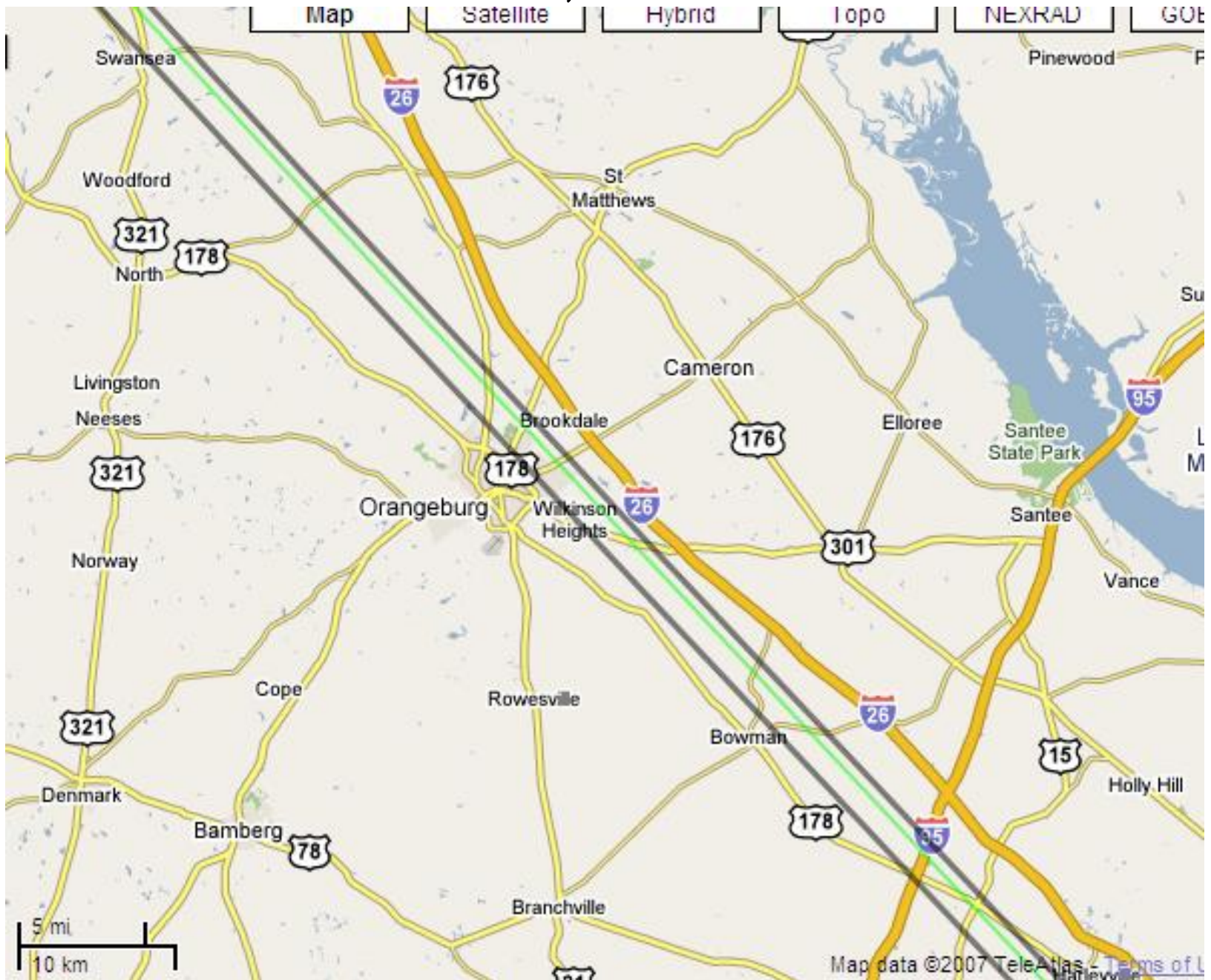


Sun alt. +9°, 7:49 pm CDT

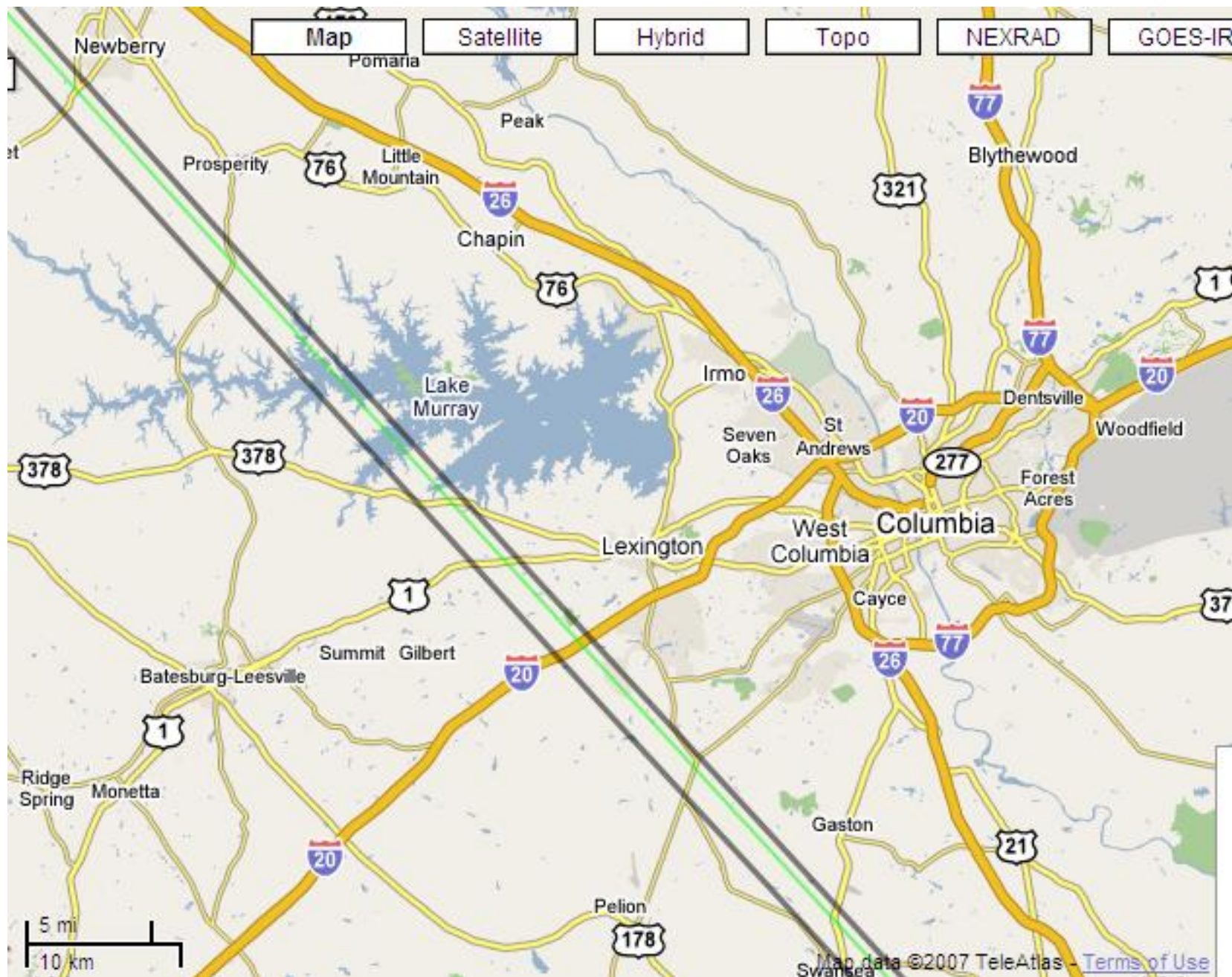
# Path from US 15 to Charleston, SC



# Path from Swansea, SC to I-95 and US 15



# Path from Newbury to Swansea, SC, w. & s. of Columbia

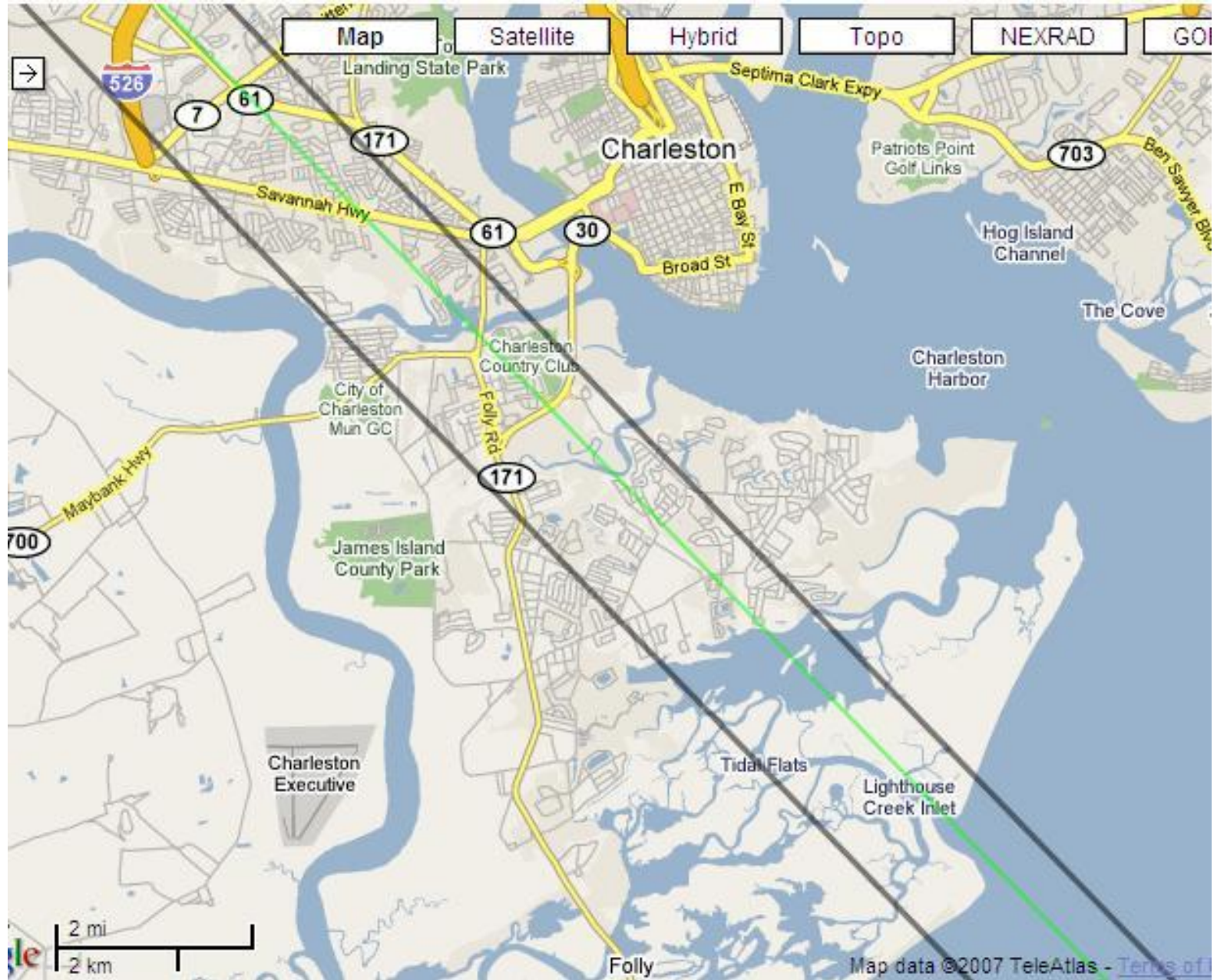


# Path from Greenville (I-85) to Joanna, SC





# Path over western and southern Charleston, SC



# Path over western and southern Charleston, SC

