

# Appendix E

## MODELED WIND SPEED AND DIRECTION TIME HISTORIES AT SELECT LOCATIONS

Note: The best estimates of time histories for wind speed and direction from the tornado wind field model in this appendix are located nearest the center of the identified building. The complete set of modeled time histories will be available through the NIST Disaster and Failure Event Data Repository web site ([http://www.nist.gov/el/disasterstudies/repository\\_home.cfm](http://www.nist.gov/el/disasterstudies/repository_home.cfm)) when the Joplin Tornado Repository is completed.

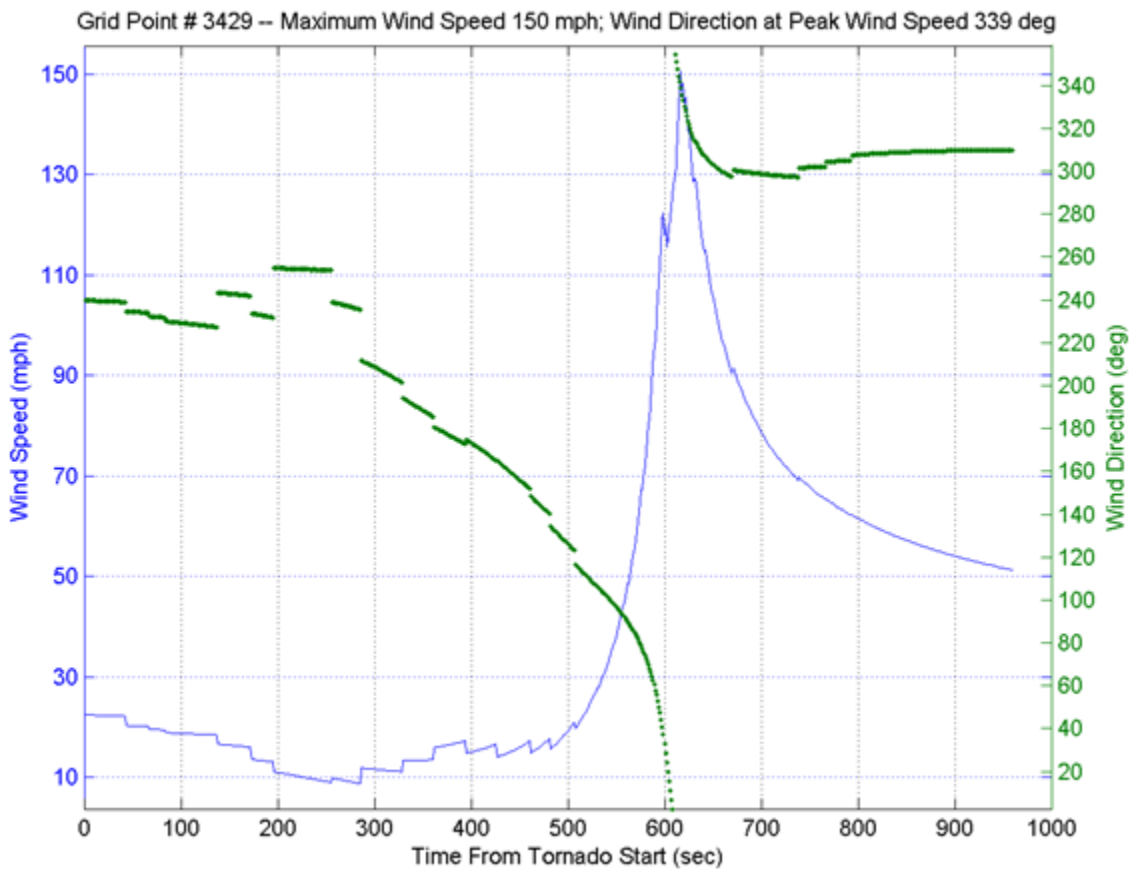


Figure E-1. Time History for Near WalMart (Grid Point # 3429)

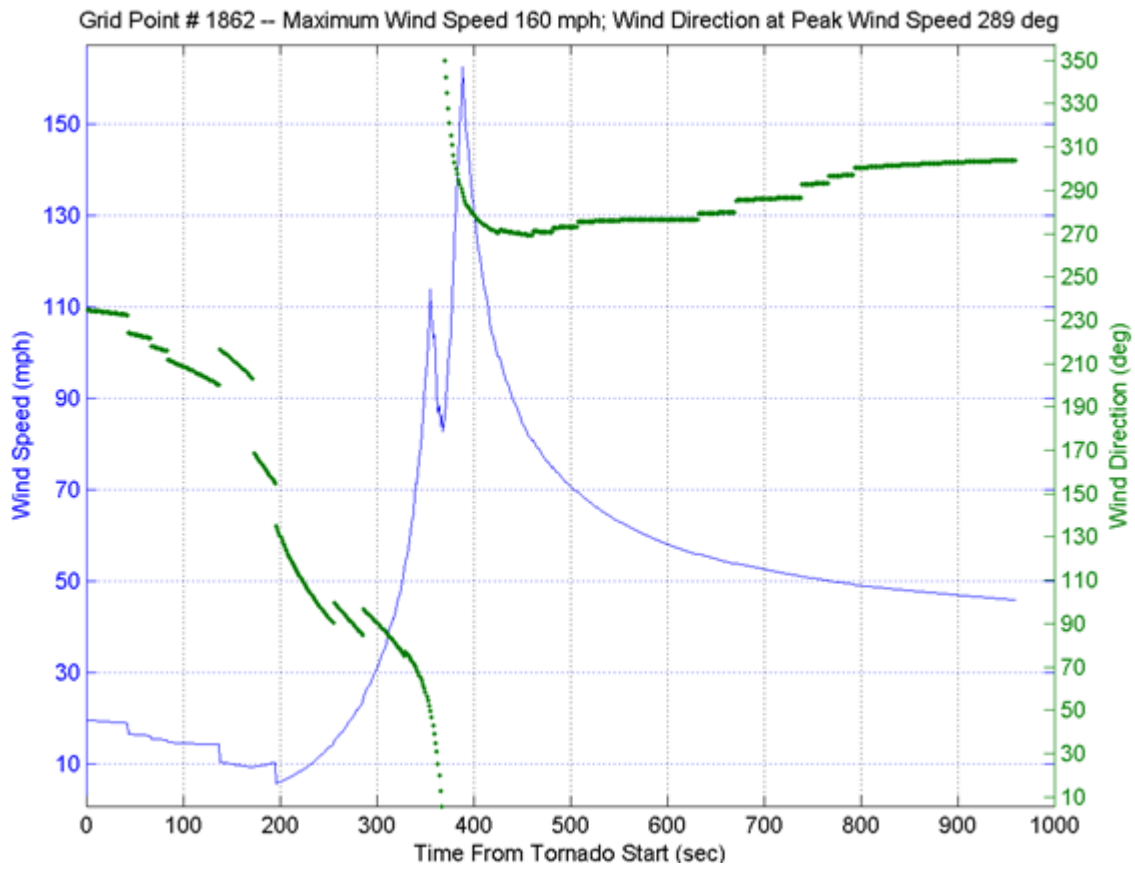


Figure E-2. Time History for Near Franklin Technology Center (Grid Point # 1862)

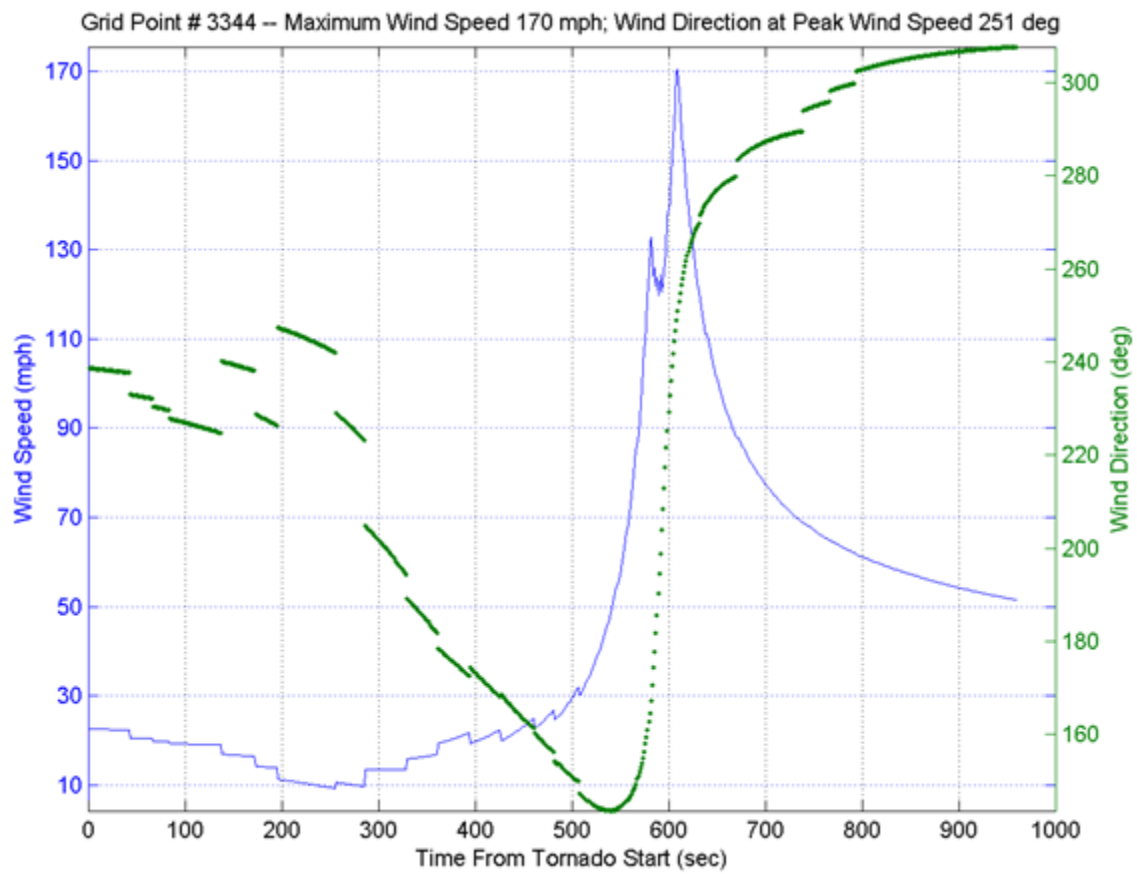
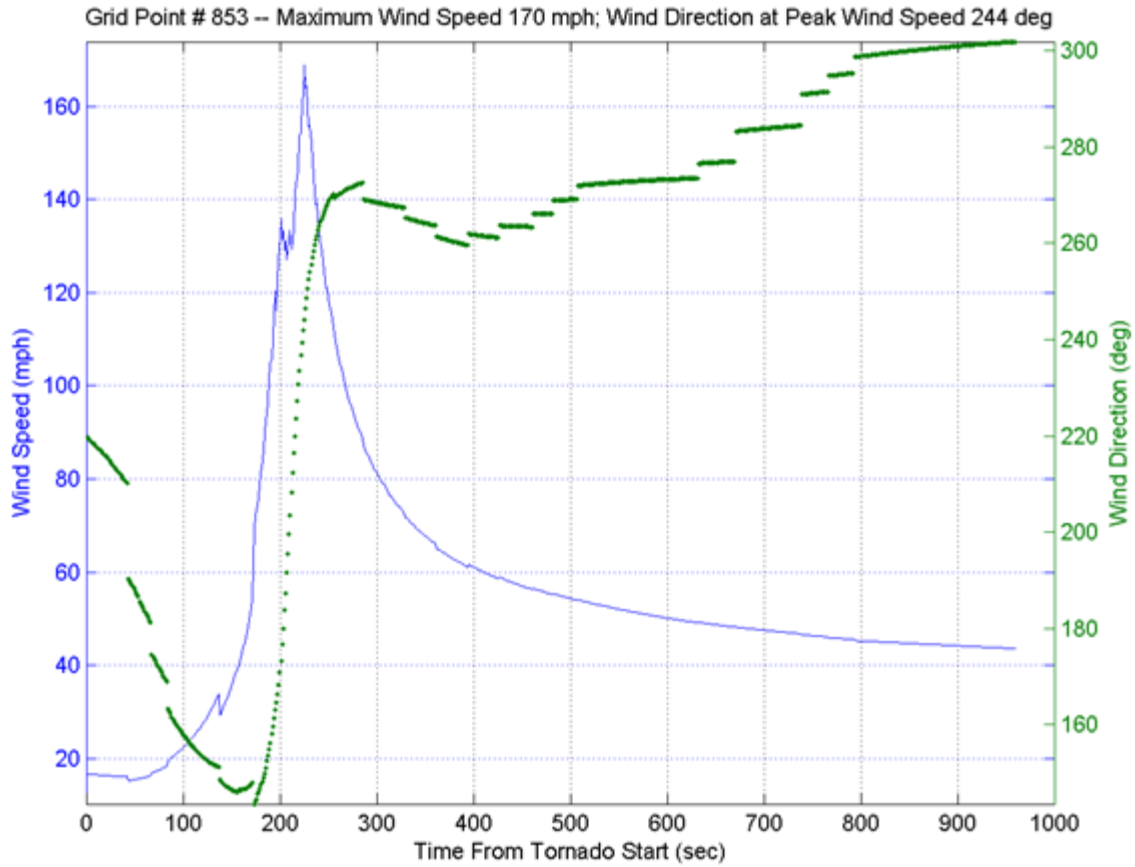


Figure E-3. Time History for Near Home Depot (Grid Point # 3344)



**Figure E-4. Time History for Near St. John's Regional Medical Center –Main Buildings (Grid Point # 853)**

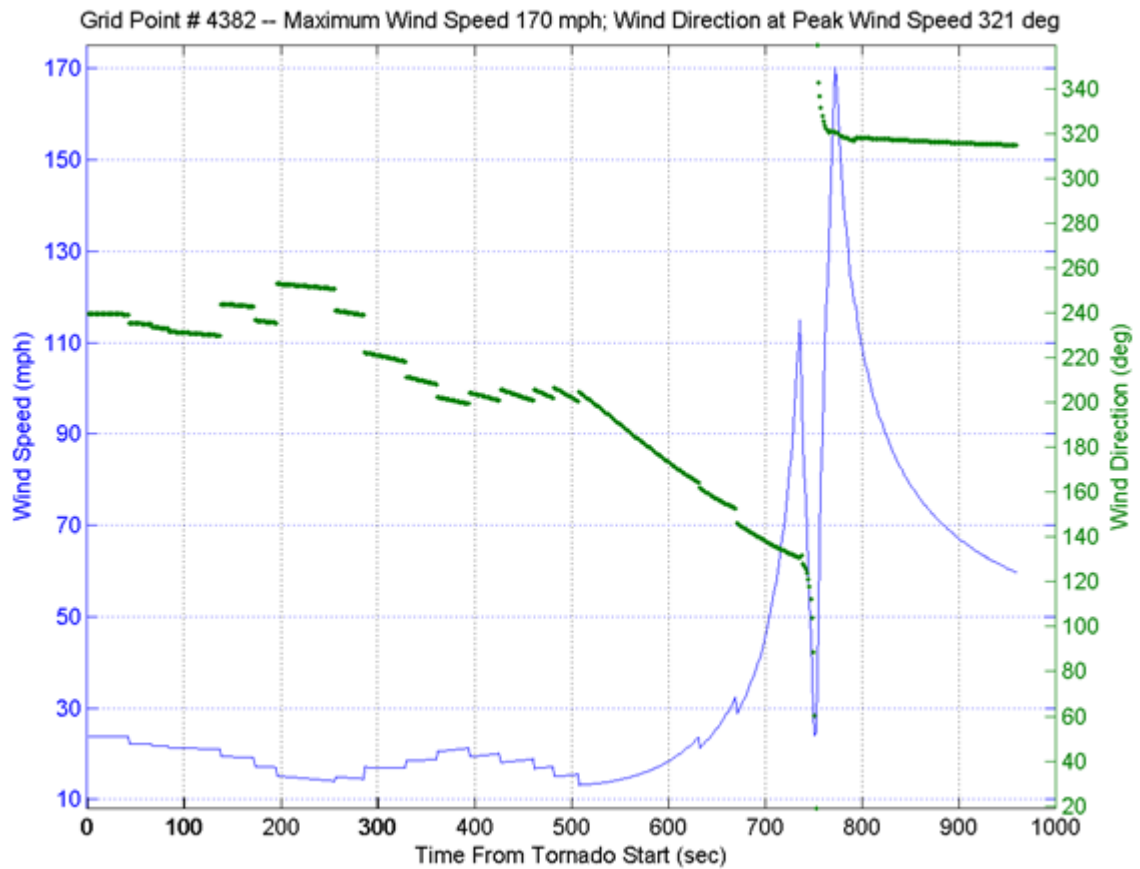


Figure E-5. Time History for Near Joplin East Middle School (Grid Point # 4382)

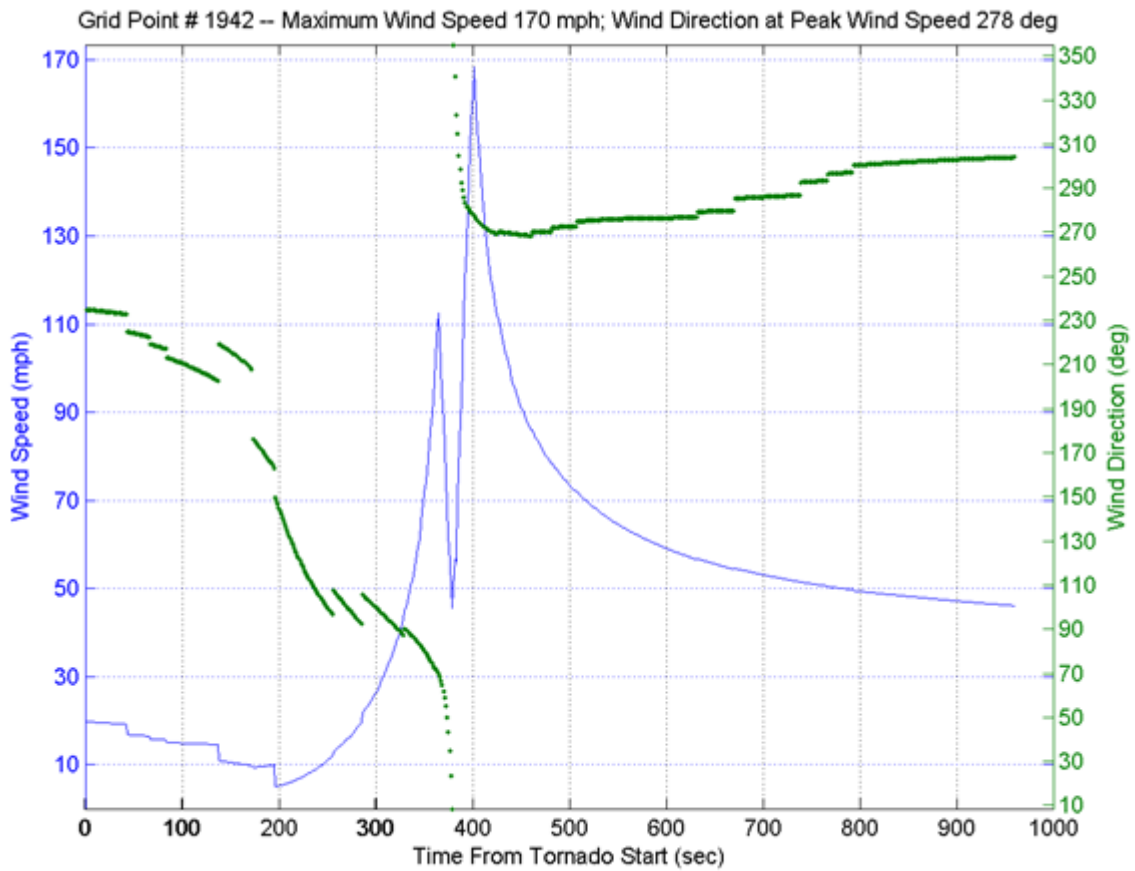


Figure E-6. Time History for Near Joplin High School (Grid Point # 1942)