

Form 442 Question 6: Description of Research Project

University of Illinois Department of Atmospheric Sciences Wind Profiling Radar

This equipment is a standard 915 MHz Meteorological Radar Wind Profiler sold by Radiometrics, Inc. This radar (pictured below) is mounted on a trailer for mobile operation. This trailer will be deployed by University personnel during field campaigns for periods of 3-24 hours into the path of weather systems to measure the profile of winds before, during, and after weather events.



Fig. 1: University of Illinois Radar Wind Profiler.