



Carolinas Special Weather Statement
Issued: 9/11/2017 8:57 AM

Weather Discussion

Strong winds associated with Hurricane Irma will impact portions of the Carolinas Service Area Monday and Monday night. A strong pressure gradient between Irma to our west and high pressure to our northeast will create increasing strong winds and wind gusts Monday into Monday night. In addition to the wind, the Carolinas can expect significant rainfall even though Irma is going to pass well west of the area. By Tuesday morning, 1-2" of rain is expected across the central Carolinas and 2-4" of rain is expected across the western Carolinas. Locally higher amounts are possible across far western Upstate SC and the southwestern NC mountains. The combination of wet soil and strong, gusty winds will result in power outages in the Carolinas Service Area, primarily across the Carolinas-West region.

A high wind warning is in effect from now through 2am Tuesday for southwestern NC and western Upstate South Carolina, including the Greenville-Spartanburg metro area. Winds will continue to increase this morning becoming strong by afternoon. The strong winds will continue into the evening. Winds will be out of the northeast at 25 to 35 mph with gusts up to 65 mph. Strong winds and saturated soils will lead to widespread power outages in these areas. The strongest winds are expected from early this afternoon through tonight.

A wind advisory is in effect for the NC foothills and central North and South Carolina, including the Charlotte metro area. Winds will increase Monday morning becoming strong by afternoon. The strong winds will continue into the evening. Winds will be out of the northeast at 20 to 30 mph with gusts up to 55 mph. Strong winds will combine with increasingly saturated soils to result in power outages in these areas. The strongest winds are expected from early this afternoon through tonight.

A wind advisory is also in effect for north-central and northeastern SC as well as southeastern NC through 2am Tuesday. Winds will increase this morning, becoming easterly at 20 to 30 mph with gusts up to 55 mph. Scattered to widespread power outages are expected in this area. The strongest winds are expected from late this morning through tonight.