

West Henrico Glen Allen Weather Station Hail Storm of MAY 22, 2014

The rain started at 1637 and ended by 1710 hours and the storm's total precipitation was 0.77 inches. The maximum wind gust was 40 mph from the NNE at 1641 hours just before the hail started. A very short but very intense period of hail occurred between 1643 and 1647 hours. Hail size varied more than what I have observed from other storms. The size ranged 0.3 inches to 0.7 inches or pea to dime size but the average diameter was 0.4 inches. The ground had enough hail on it that it was crunchy when walking on it and was enough to actually measure at 0.5 inches at least. If the grass was shorter the yard would have appeared white with the hail covering.

See the following pictures of the hail



Yard had about 0.5 inches of hail coverage on average



Hail

Size 0.3 to .7 inches diameter



Hail had clear ice around a cloudy core



Hail

Made Ground White in Places



Plant

Damage- Fern leaf in center and Blood Root Top center



Broken stems in upper left corner and at bottom



Even the small branches of some bushes were broken off



Damaged tomatoes - Taking off leaves & much damage to lettuce



Hail tore rose petals from rose bush