



HailDetected

<https://haildetected.com/>



Collaborative Work System, Inc.

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Report #128

## Hail Data Report

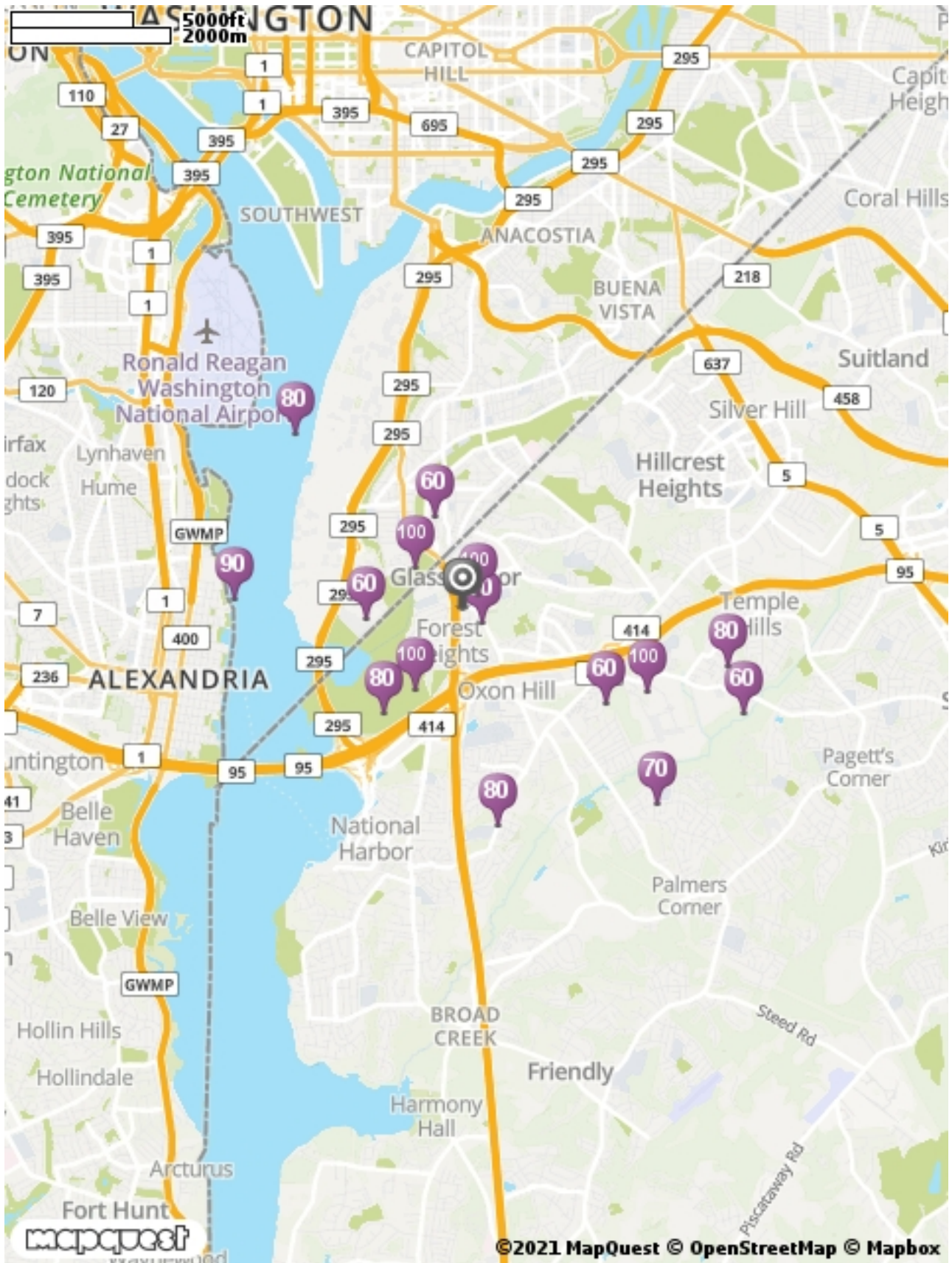
<b>Address:</b> 5508 Arapahoe Dr, Oxon Hill, MD 20745, USA	<b>Search Date:</b> 2021-11-10
<b>Lat, Lon:</b> (38.814111, -76.997224)	<b>Begin Date:</b> 2020-08-28
<b>IANA Time Zone:</b> America/New_York	<b>End Date:</b> 2020-08-28
	<b>Radius:</b> 3.00 miles

**Summary:** 15 events found where the maximum hail size was at least 0.75 inches in diameter. The nearest hail event occurred 0.10 miles from the location provided. The largest maximum hail size was 3.5 inches and the largest probability of severe hail was 100%.

### Hail Events

Date	Time	Distance (miles)	Max Size (inches)	Probability Severe (%)	Location (lat, lon)
2020-08-28	18:10:34	2.35	2.75	80	(38.8376, -77.0289)
2020-08-28	18:11:04	2.28	2.25	90	(38.8151, -77.0396)
2020-08-28	18:11:31	0.69	3.00	100	(38.8194, -77.0080)
2020-08-28	18:12:50	1.32	2.25	80	(38.7997, -77.0134)
2020-08-28	18:12:55	1.03	1.50	60	(38.8124, -77.0163)
2020-08-28	18:15:18	0.16	3.50	90	(38.8120, -76.9962)
2020-08-28	18:15:40	2.06	2.25	80	(38.7845, -76.9935)
2020-08-28	18:15:45	0.94	1.50	60	(38.8265, -77.0044)
2020-08-28	18:15:51	0.97	3.25	100	(38.8028, -77.0080)
2020-08-28	18:16:40	0.10	2.75	100	(38.8156, -76.9970)
2020-08-28	18:18:50	2.51	2.00	70	(38.7874, -76.9657)
2020-08-28	18:18:55	1.51	1.50	60	(38.8011, -76.9746)
2020-08-28	18:20:09	2.43	3.00	80	(38.8061, -76.9532)
2020-08-28	18:20:25	1.79	3.00	100	(38.8025, -76.9675)
2020-08-28	18:21:45	2.71	1.50	60	(38.7997, -76.9504)

- Notes:
1. The maximum estimated hail size and probability of severe hail estimates are generated using a National Severe Storms Laboratory (NSSL) hail detection algorithm.
  2. The probability of severe hail is the estimated probability of hail with a diameter greater than 0.75 inches.
  3. Only hail events with a maximum expected hail size of at least 0.75 inches are included in the Hail Events table.
  4. Only hail events with a probability of severe hail greater than 0% are included in the Hail Events table.
  5. The spatial accuracy of the data decreases with the range from the source NEXRAD Radar site - from 1 km (near Radar site) to 4 km (at 230 km from Radar site).
  6. Hail Event times are shown in the time zone of the address used to center the search, even if they are located in a different time zone.
  7. Google's geocoding service is used to match the address and lat-lon position shown.



Hail events within 3.00 miles and their estimated probability of hail with a diameter greater than 0.75 inches

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