

# Benchmark® Hail History Report

**Date of Report** February 7, 2019 12:33 CST

**Claim Details**

Property Address:	1390 S Cooper St Arlington, TX	Agent/Adjuster Name:	
ZIP Code:	76013	Company:	Safe Haven
Claim Number:	99999	Address:	
Date of Loss:	3/22/16	Phone:	
Cause of Loss:		Email:	cshepard@verisk.com
Assignment Date:		Latitude:	32.722228
Report Period:	01 Jan 2009 - Present	Longitude:	-97.115173

**Summary:** Hail greater than 0.75" did not occur at the address on the date inquired. There was 1.75" diameter hail on March 17, 2016; i.e. 5 days before the reported date of loss.

**Benchmark Weather History near location since 1 January 2009**

	Date	At Property Address			Within 1 Mile			Within 5 Miles		
		Est. Hail Size (")	Est. Hail Prob. (%)	Est. Wind Speed (mph)	Est. Hail Size (")	Est. Hail Prob. (%)	Est. Wind Speed (mph)	Est. Hail Size (")	Est. Hail Prob. (%)	Est. Wind Speed (mph)
8th Prior Hail Event	6-Jun-13	0.00	0	< 35	< 0.75	15	< 35	< 0.75	40	35
7th Prior Hail Event	25-Jun-14	< 0.75	45	< 35	0.75	50	< 35	0.75	50	35
6th Prior Hail Event	2-Oct-14	< 0.75	35	60	0.75	50	60	1.00	75	60
5th Prior Hail Event	24-Apr-15	0.75	50	35	0.75	50	35	0.75	60	35
4th Prior Hail Event	7-May-15	0.75	60	40	0.75	60	40	0.75	70	40
3rd Prior Hail Event	26-May-15	0.75	55	45	1.00	70	45	1.25	90	45
2nd Prior Hail Event	8-Mar-16	0.75	55	80	0.75	60	80	0.75	70	90
1st Prior Hail Event	17-Mar-16	1.75	90	35	2.50	95	40	2.75	95	45
<b>Date of Loss</b>	<b>22-Mar-16</b>	<b>0.00</b>	<b>0</b>	<b>70</b>	<b>0.00</b>	<b>0</b>	<b>70</b>	<b>0.00</b>	<b>0</b>	<b>75</b>
1st Post Hail Event	23-Mar-16	< 0.75	30	50	0.75	50	50	1.50	85	50
2nd Post Hail Event	20-Apr-16	< 0.75	45	40	0.75	55	45	0.75	60	45
3rd Post Hail Event	4-Jul-16	0.75	60	60	0.75	65	60	0.75	75	60
4th Post Hail Event	20-Oct-16	< 0.75	35	45	0.75	50	45	0.75	75	50
5th Post Hail Event	23-May-17	0.75	55	35	0.75	70	35	0.75	70	40
6th Post Hail Event	24-Jun-17	0.75	85	40	0.75	90	40	0.75	90	40
7th Post Hail Event	24-Feb-18	< 0.75	40	< 35	0.75	50	< 35	0.75	50	35
8th Post Hail Event	6-Jun-18	0.75	85	45	1.50	95	50	2.50	95	50
<b>Most Severe Hail</b>										
(1/1/09 to today)	17-Mar-16	1.75	90	35	2.50	95	40	2.75	95	45

\*\* Additional hail events occurred at the location prior to the earliest event shown and after the latest event shown.  
 \*\* If additional history is needed, please contact BenchmarkReport-Request@verisk.com.

All values reflect the maximum value on the calendar day. Hail probability indicates likelihood that hail > 0.75" fell on that day. A significant hail event is defined by 0.75" diameter hail or greater. The most severe hail event date is determined by hail size at a one mile radius around the property location.

This report is powered by the Benchmark natural hazard history database. To learn more about the information in this report, please visit <http://www.verisk.com/Benchmark>



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## Description of Hail Measurements

## Damaging weather values

Measure	Units	Description	High	Typical	Low
Probability of Hail > 0.75"	%	Indicates likelihood that hail > 0.75" fell on that day. 70% very certain hail occurred; 50% high probability hail occurred; 30% possibly hail occurred; 10% low probability hail occurred.	70%	-	10%
Estimated Size of Hail	Inches (Diameter)	0.75" is lower boundary of hail size that causes property damage. Typically damaging hail ranges from 1-4" diameter. Approx. sizes: 3/4" dime; 1" quarter; 1.5" ping pong ball; 1.75" golf ball; 4" grapefruit; 4.5" softball.	1-4"	< 1"	< 0.75"
Wind Speed	Miles per Hour (MPH)	Estimated maximum (3-second) peak gust wind speed at 10 meters above ground level from straight-line (i.e., non-tornadic) winds, such as thunderstorms, frontal passages and winter storms (excludes tropical cyclones).	> 50mph	-	< 30mph

## Benchmark® Weather History Reports

Benchmark® data has been demonstrated to align with the occurrence of severe weather. We regularly review its accuracy and calibrate our algorithms using industry claims data to maximize performance. Benchmark processes high resolution hail, wind, precipitation and reflectivity radar data using numerical models and proprietary algorithms developed by our advanced- degreed meteorologists and scientists. We ingest data from the WSR-88D radar network using the dual polarization capability to derive the most accurate representation of the weather. At Verisk, we create hazard indexes that specifically pertain to the insurance industry and their service partners.

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