How to Dry Out Non-Weather Water Claims

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Data Breadth and Acquisition has Evolved

02

There are Tangible Actions to Respond

Non-Weather Water is the #4 Homeowners Peril

Base Rate Composition - % of Base Rate		By Peril Based On Public Filing of National Carriers				
Attritional Fire	26.0					
Hail		22.3				
Wind (Tornadic + Other)			18.0			
Non-Weather Water			i	13.6		
Hurricane					6.4	
Weather Water					4.0	
Liability						3.4
Wildfire						1.7
Water Backup						1.6
Other						1.6
Theft						1.4
Total						100

Non-Weather Water is the #4 Homeowners Peril



Sources: iii.org, Bureau of Labor Statistics



Source; ZestyAl Homeowners Survey, May 2024. n=263

So we cut open a failed 8-year-old water heater







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Over 200 Features Evaluated

Sound Hypothesis

Regulatory Compliance

Predictive Lift

PIR 2024



Understanding Non-Weather Water Risk from Imagery



Plumbing Complexity



Number of stories



Building density



Pools and hot tub



HVAC equipment

Maintenance score



Creating Structured Data from Unique Sources



Property Profile Available at Quote:

Address: 1213 Frank, Manita, CA

Year Built: 2010

Bathroom Count: 3 Bathroom 1 Age: 14 years Bathroom 2 Age: 4 years Bathroom 3 Age: 3 years Kitchen Age: 3 years

Laundry Location: First Floor Open Floor Plan: Yes





Water quality, content, and service matter...

Calcium and Magnesium Deposits

Lead to pipe scaling, corrosion, appliance failure, and water heater failure



The Utility District

Controls the maintenance of the water system, including water pressure variance, which can lead to stress on pipes within the home



Water Supply

The **use of wells instead of publicly distributed water**, requires extra homeowner maintenance and results in more sediment in the water





- Built using actual historic losses for both frequency and severity
- Property-specific Annual Average Loss (AAL)
- Granular feature-based risk segmentation
- Real-time data at the point of quote





Moving Beyond Territory Risk Assessments



Carrier Case Study

3 years of loss history examined for ~6,500 records and ~\$2M in non-weather water losses



Carrier Case Study

Historic carrier territory with the same rating factor **now shows** a **diverse range of risk**



Carrier Case Study

The model segments risk based on individual property characteristics



Carrier Case Study

Territory **losses** ranged from as little as \$170 and at highs exceeded \$120K



Taking Action Based on This Information







Changing Perils are not Isolated to Climate Risk Data Breadth and Acquisition has Evolved

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There are Tangible Actions to Respond

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Thank you

