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SPRI Wind Design Seminar



2024 Atlantic Storm Names

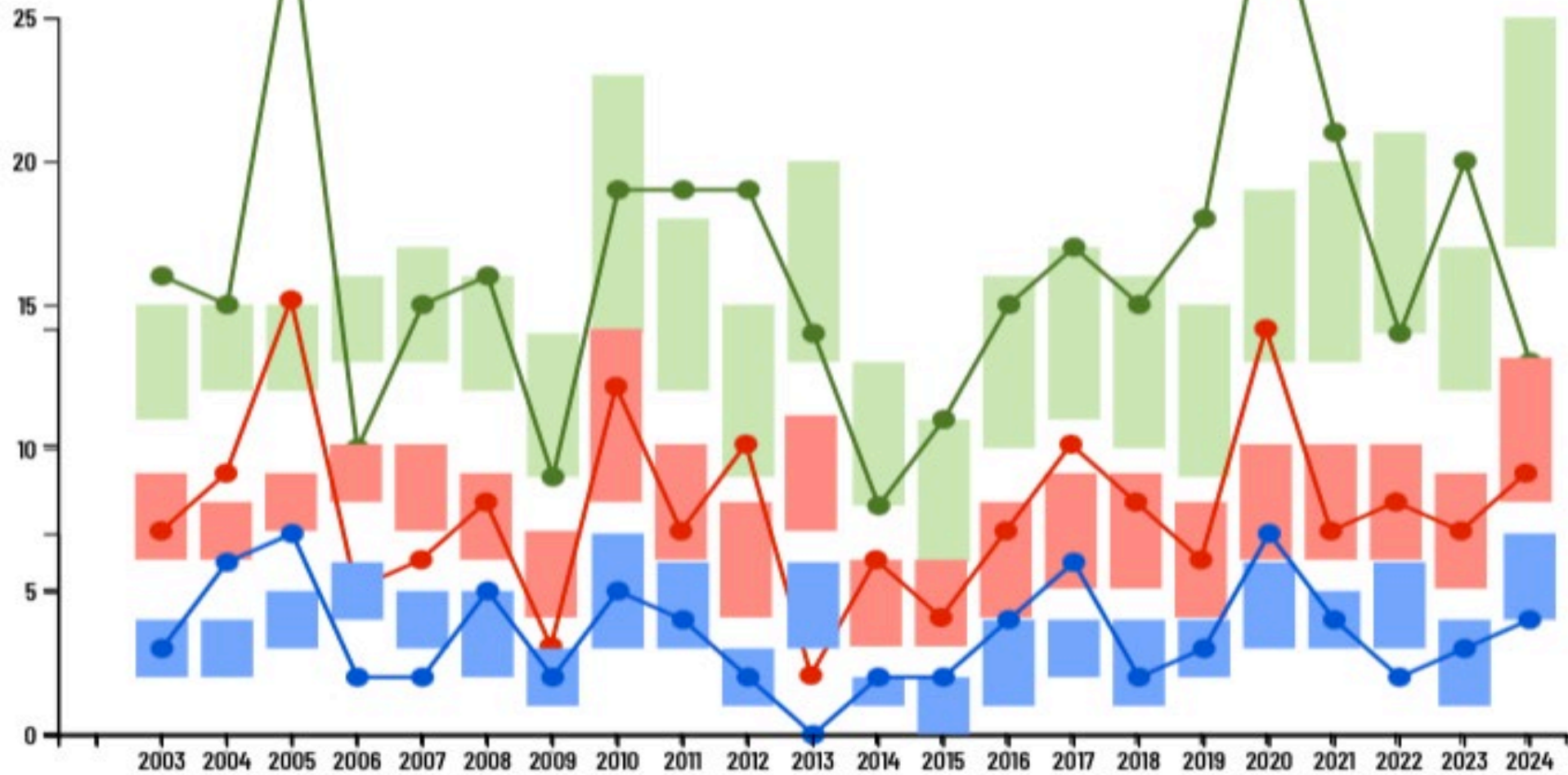
Alberto (June 19)	Helene**** (Sept 24)	Oscar
Beryl***** (June 28)	Isaac** (Sept 26)	Patty
Chris (June 30)	Joyce (Sept 27)	Rafael
Debby* (Aug 3)	Kirk**** (Sept 29)	Sara
Ernesto** (Aug 12)	Leslie** (Oct 2)	Tony
Francine** (Sept 9)	Milton***** (Oct 5)	Valerie
Gordon (Sept 11)	Nadine	William

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2025 Atlantic Storm Names

Andrea	Humberto	Olga
Barry	Imelda	Pablo
Chantal	Jerry	Rebekah
Dexter	Karen	Sebastien
Erin	Lorenzo	Tanya
Fernand	Melissa	Van
Gabrielle	Nestor	Wendy

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Est. Storms

Est. Hurricane


Est. Maj. Hurricane

Act. Storms

Act.
Hurricane

Act. Maj.
Hurricane

NOAA Predictions vs. Actual 2003-2024



Damage in Unadjusted Dollars
2003-2024 Total: 1.071 Trillion USD



SPRI Wind Design Seminar



**What is the full name for “SPRI,
INC.”?**

SPRI Fun Facts



**Originally was "Single-Ply
Roofing Institute"**

SPRI Fun Facts



Today, it is "Single-Ply Roofing Industry"

SPRI Fun Facts



What year was SPRI founded?

SPRI Fun Facts



1982

SPRI Fun Facts



1982

SPRI is 42 years old

SPRI Fun Facts



How many companies are members of SPRI?

SPRI Fun Facts



**SPRI consists of 63 member
companies from the United
States and Canada**

SPRI Fun Facts

- **Roof Membrane Manufacturers**
 - **Thermoset/Thermoplastic/Modified Bitumen**
- **Component Suppliers**
- **Raw Material Suppliers**
- **Accessory Suppliers**
- **Equipment Suppliers**
- **Sales Representatives**
- **Design Community**
- **Testing Labs & Research Agencies**

SPRI Fun Facts

What is SPRI's mission?

SPRI Mission

To provide the best forum for members to focus their collective knowledge and efforts on critical issues which enables the membership to operate more effectively in the marketplace.

SPRI Mission

DESIGN STANDARDS

- ED-1 Design Standard Edge Systems Low Slope Roofing Systems
- RP-4 Wind Design Standard for Ballasted Single Ply Roofing Systems*
- RP-14 Wind Design Standard for Vegetative Roofing Systems
- VF-1 External Fire Design Standard for Vegetative Roofs*
- WD-1 Wind Design Standard Practice for Roofing Assemblies

SPRI Standards

FIELD STANDARDS

- FX-1 Standard Field Test Procedure for Determining the Withdrawal Resistance of Roofing Fasteners
- IA-1 Standard Field Test Procedure for Verifying the Suitability of Roof Substrates and Adhesives
- NT-1 Detection and Location of Latent Moisture in Building Roofing Systems by Nuclear Radioisotopic Thermalization

SPRI Standards

PRODUCT EVALUATION

- BPT-1 Test Standard for Comparative Pull—Through Strengths of Insulation Fastening Systems and Substrate Board Materials Used with Low Slope Roofing Systems
- ES-1 Test Standard for Edge Systems Used with Low Slope Roofing Systems*
- GT-1 Test Standard for Gutter Systems*
- MPO-1 Test Standard for Comparative Pull-Over Strengths of Membrane Fastening Systems and Waterproofing Membrane Materials Used with Low Slope Roofing Systems
- RD-1 Performance Standard for Retrofit Drains
- VR-1 Procedure for Investigating Resistance to Root or Rhizome Penetration on Vegetative Roofs

SPRI Standards

**All SPRI standards, guidelines,
technical reports, white papers and
other resources can be downloaded
for free from www.spri.org**

Access to SPRI Standards

- **Introduction**
- **ASCE 7 with differences between editions**
- **Modifications to FM 1-28/1-29**
- **Demonstration of DORA & RoofNav**
- **Metal Edging & Gutters**
- **Review of SPRI Standards Related to Wind Design**
- **SPRI White Papers**

Today's Agenda