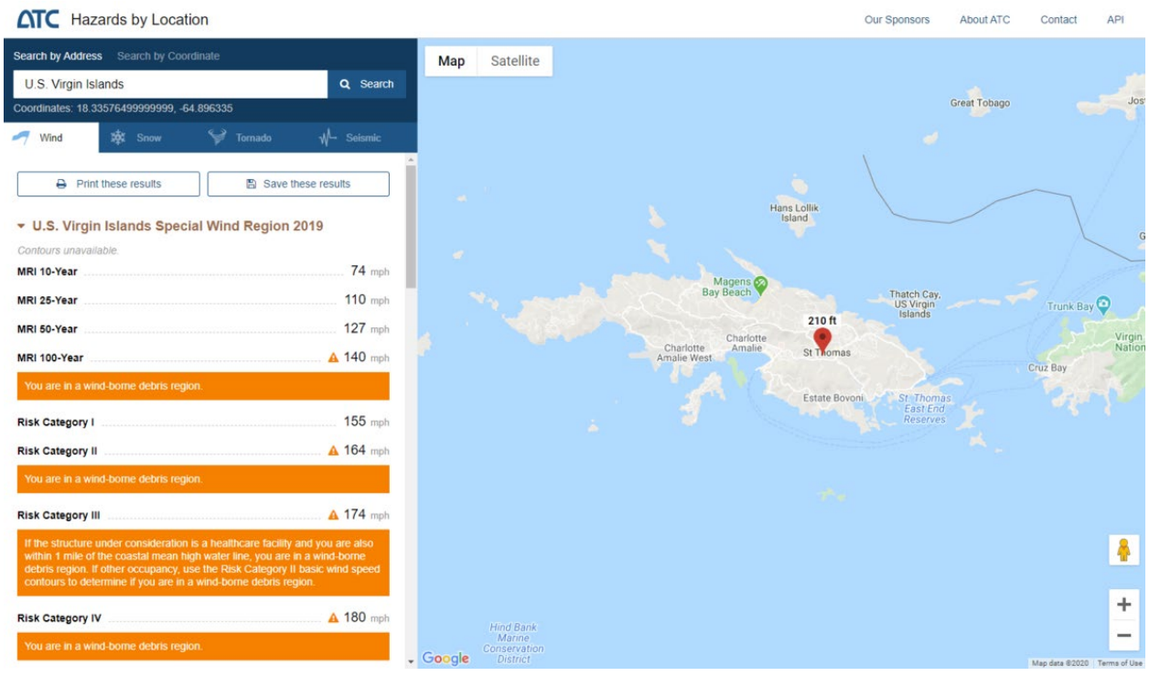
Hazards by Location

Integration of
U.S. Virgin Islands Special Wind Region

The Applied Technology Council (ATC) is pleased to announce that the U.S. Virgin Islands Special Wind Region is now integrated into the **ATC Hazards by Location** online tool. This update was funded by the **ATC Endowment Fund** with support from the Strategic Alliance for Risk Reduction (**STARR II**). The update was performed by **Prontotype, Inc.**

Integration of this new wind speed data addresses a key finding in the U.S. Virgin Islands Mitigation Assessment Team (MAT) Report, **FEMA P-2021**, *Hurricanes Irma and Maria in the U.S. Virgin Islands*, regarding the effects of topography on wind speeds across the islands. Many locations were observed to have experienced higher wind speeds due to the channeling of wind through the mountains. Recommendation PR-40 from the FEMA P-2021 report concluded that new design guidance for topographic effects in the U.S. Virgin Islands was needed to allow designers to more appropriately address wind speed-up in building design.



The U.S. Virgin Islands Special Wind Region study was a collaboration among the Department of Planning and Natural Resources (DPNR), the Federal Emergency Management Agency (FEMA), and other stakeholders. Wind speed-up analysis was conducted by Applied Research Associates.

Please **contact ATC** with any questions regarding the ATC Hazards by Location website or access to the **API**.