



BTV Tropical Climatology

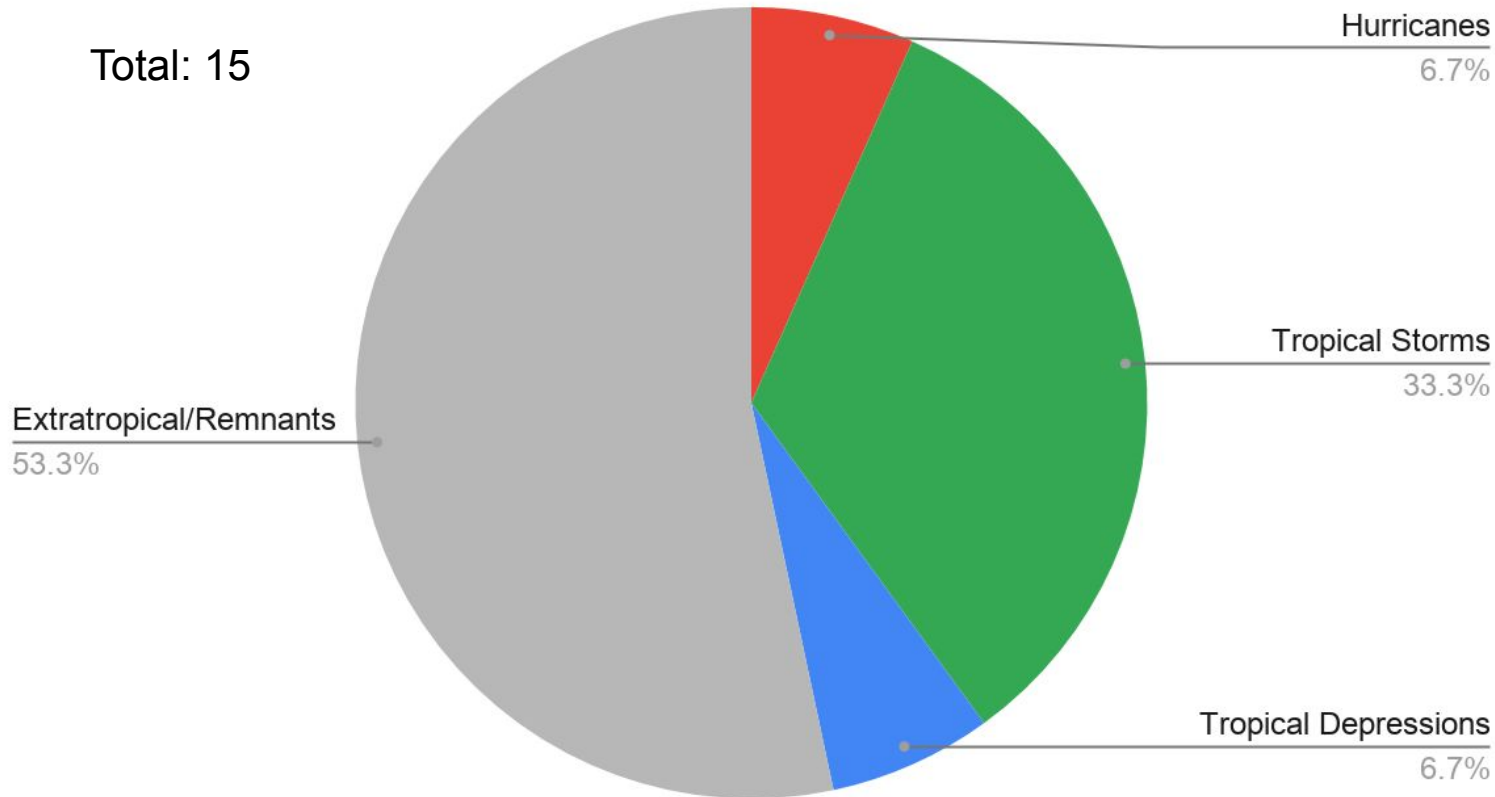
1851-2019

Includes all tropical systems of which the defined center has tracked through the NWS Burlington forecast area

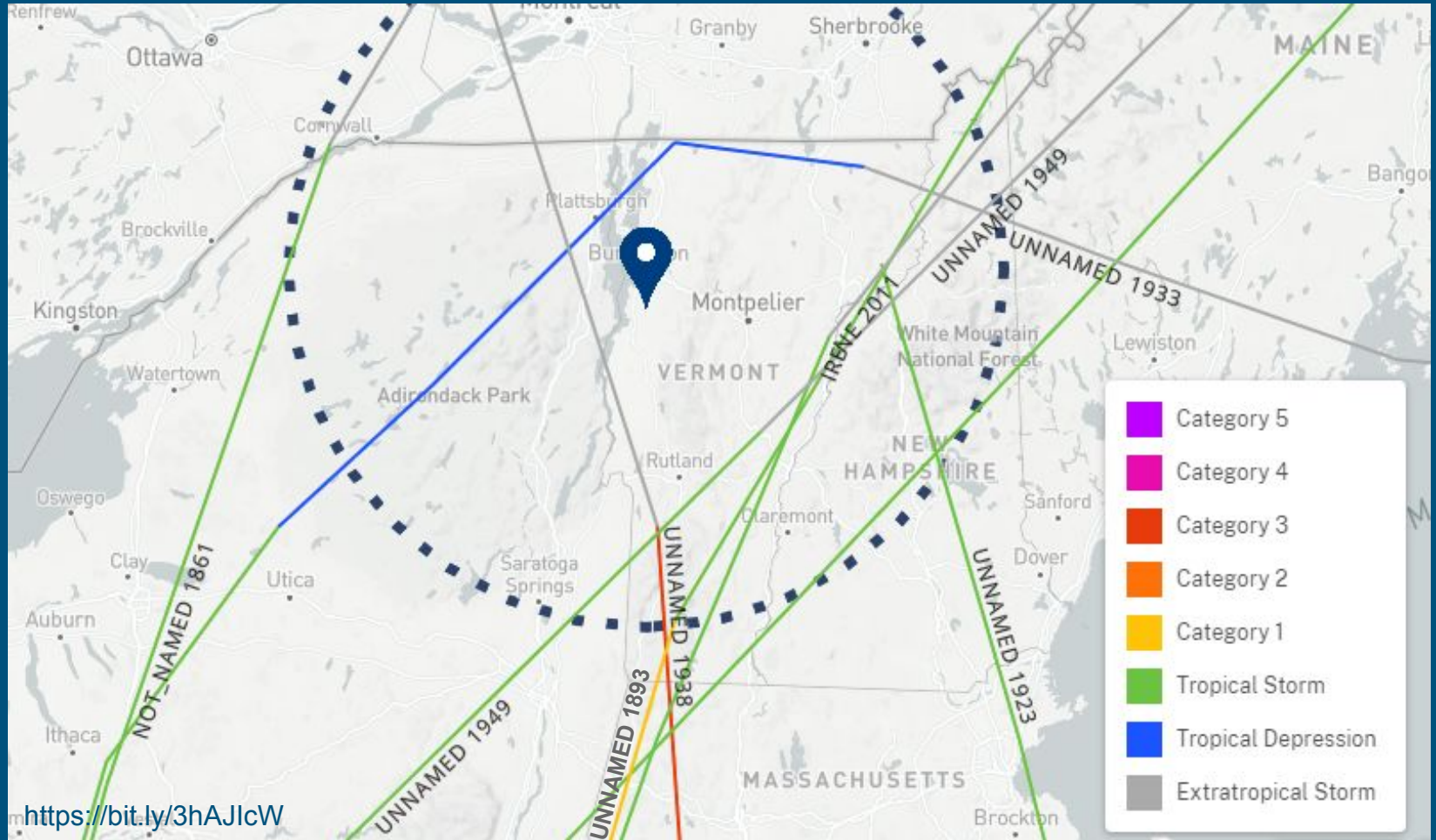


Tropical Systems to Track through BTV Forecast Area

Total: 15



All hurricanes, tropical storms, and tropical depressions to have tracked through NWS Burlington's forecast area.





Name	Dates	Max Category	Max Wind Speed (kts)	Min Pressure (mb)
Irene 2011	Aug 21-30, 2011	H3	105	942
Unnamed 1949	Aug 23-Sept 1, 1949	H4	115	954
Unnamed 1938	Sept 9-23, 1938	H5	140	940
Unnamed 1933	Aug 13-28, 1933	H4	120	948
Unnamed 1923	Oct 15-19, 1923	TS	55	994
Unnamed 1893	Aug 15-26, 1893	H3	100	952
Unnamed 1861	Sept 22-29, 1861	H1	70	989

 Hurricane

 Tropical Depression

 Tropical Storm

**Colors indicate storm category at time of arrival in NWS Burlington's forecast area.*

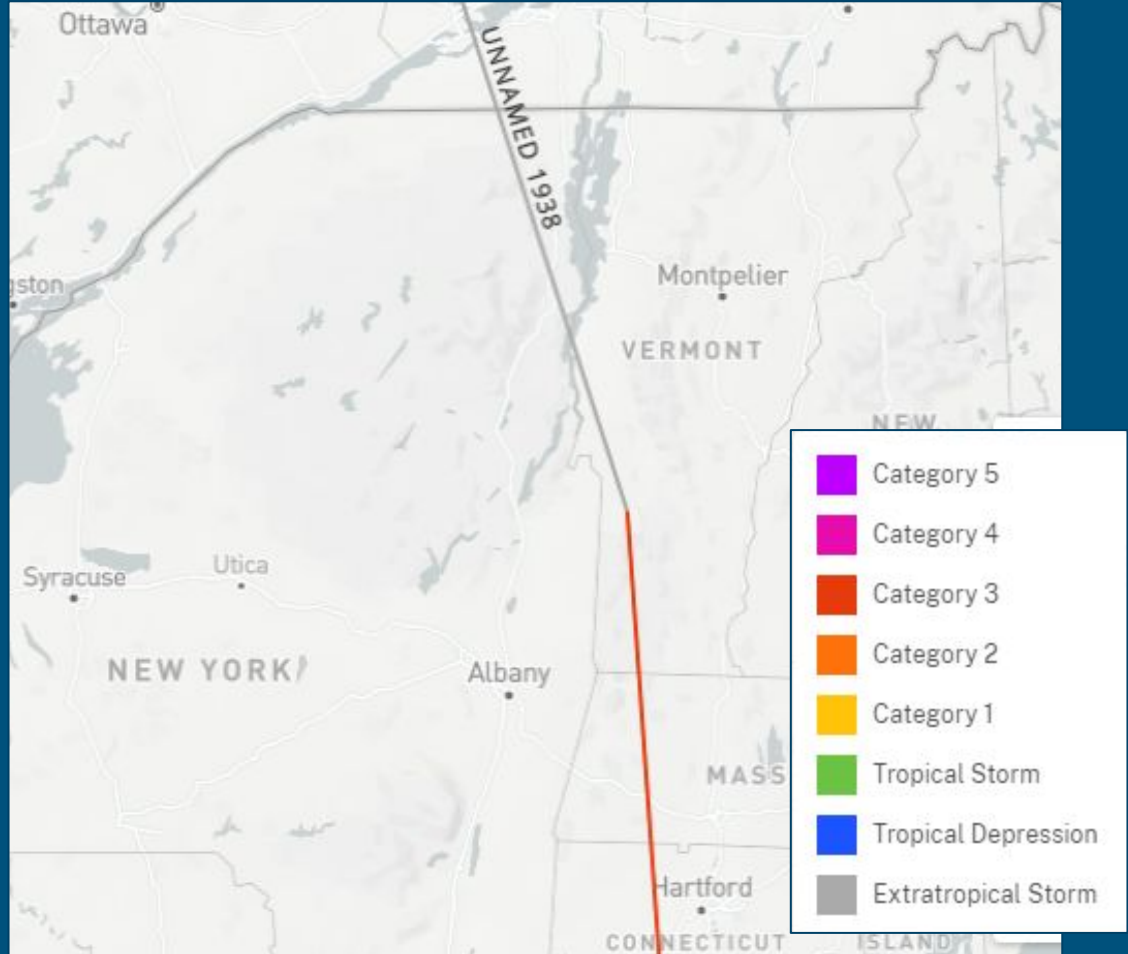


Hurricanes

Total: 1

1938 Hurricane

- Sept 21-22, 1938.
- Entered southern Rutland County as a Category 3 Hurricane.
- Winds >100 mph upon arrival.
- Winds 50 - 70 mph during its passage through VT and NY.
- Pressure ~969 mb at time of arrival.





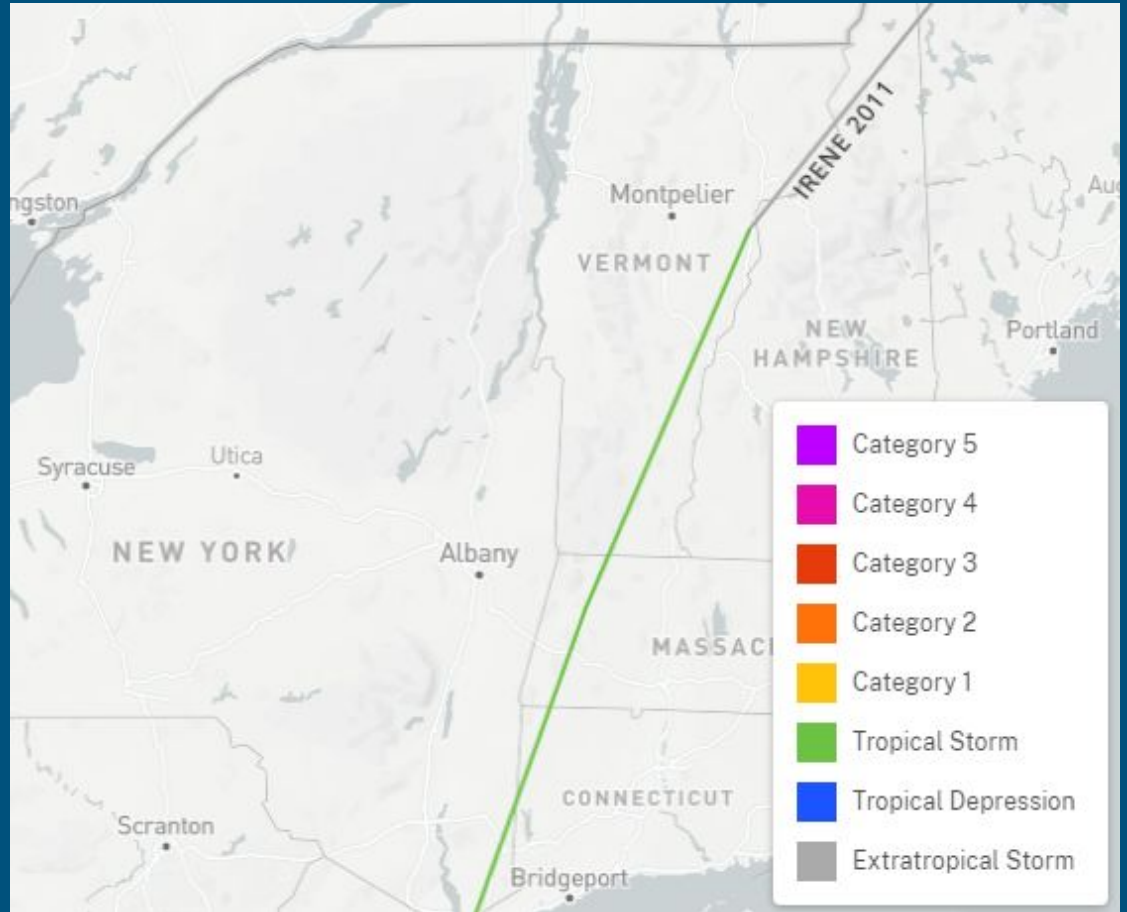
Tropical Storms

Total: 5

**Not including Isaias 2020*

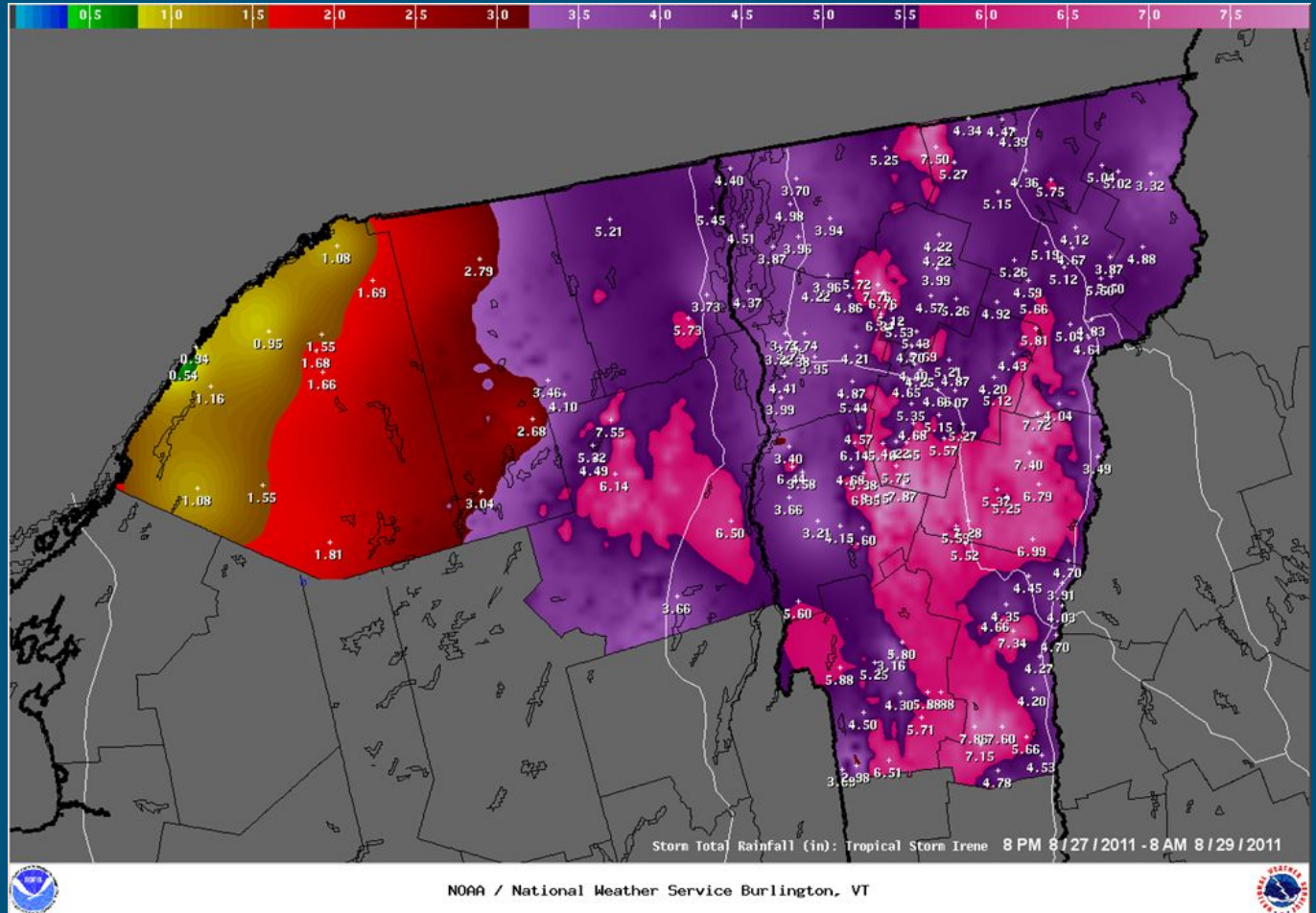
Hurricane Irene

- August 28, 2011.
- Passed through eastern VT as a Tropical Storm.
- Winds 45 - 55 mph as it passed through VT.
- Pressure 970 - 980 mb.



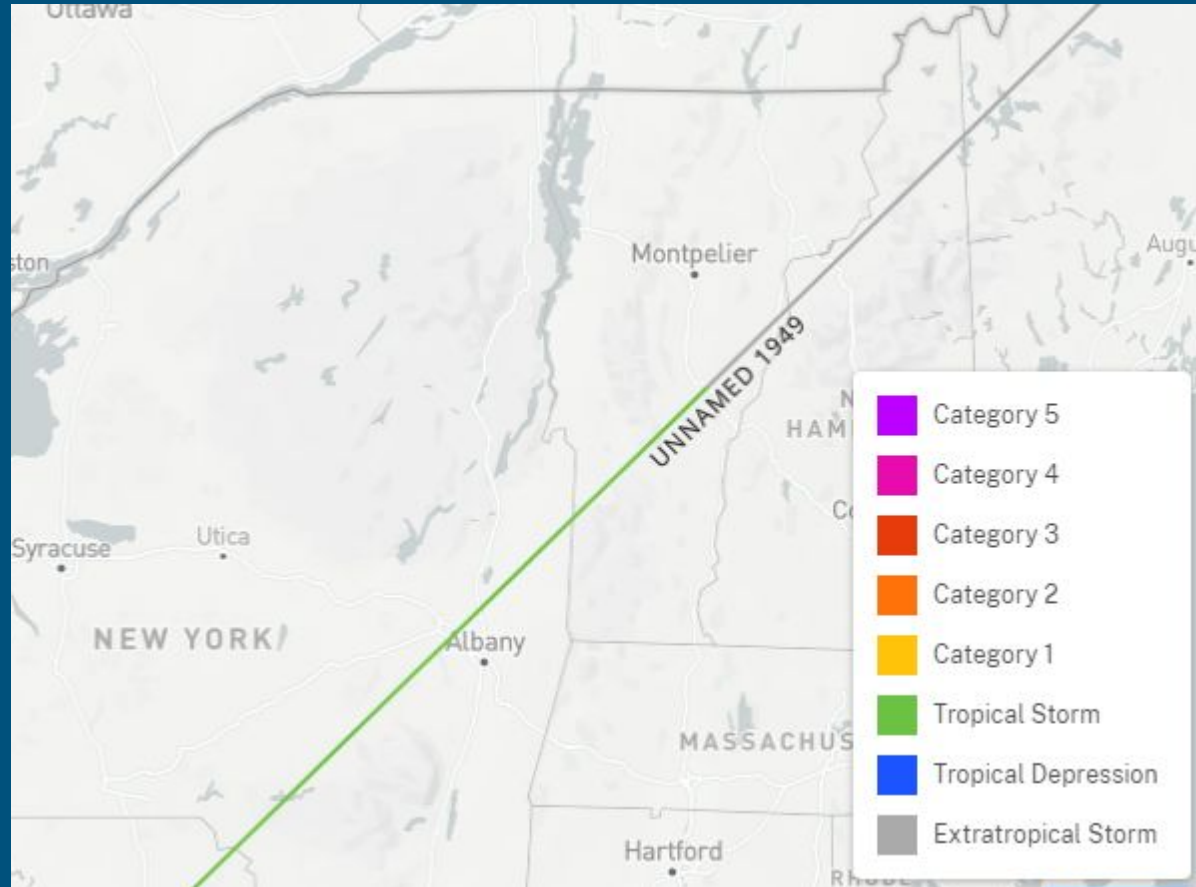
Hurricane Irene

- Produced 4 - 8 inches of rain across VT and eastern NY.



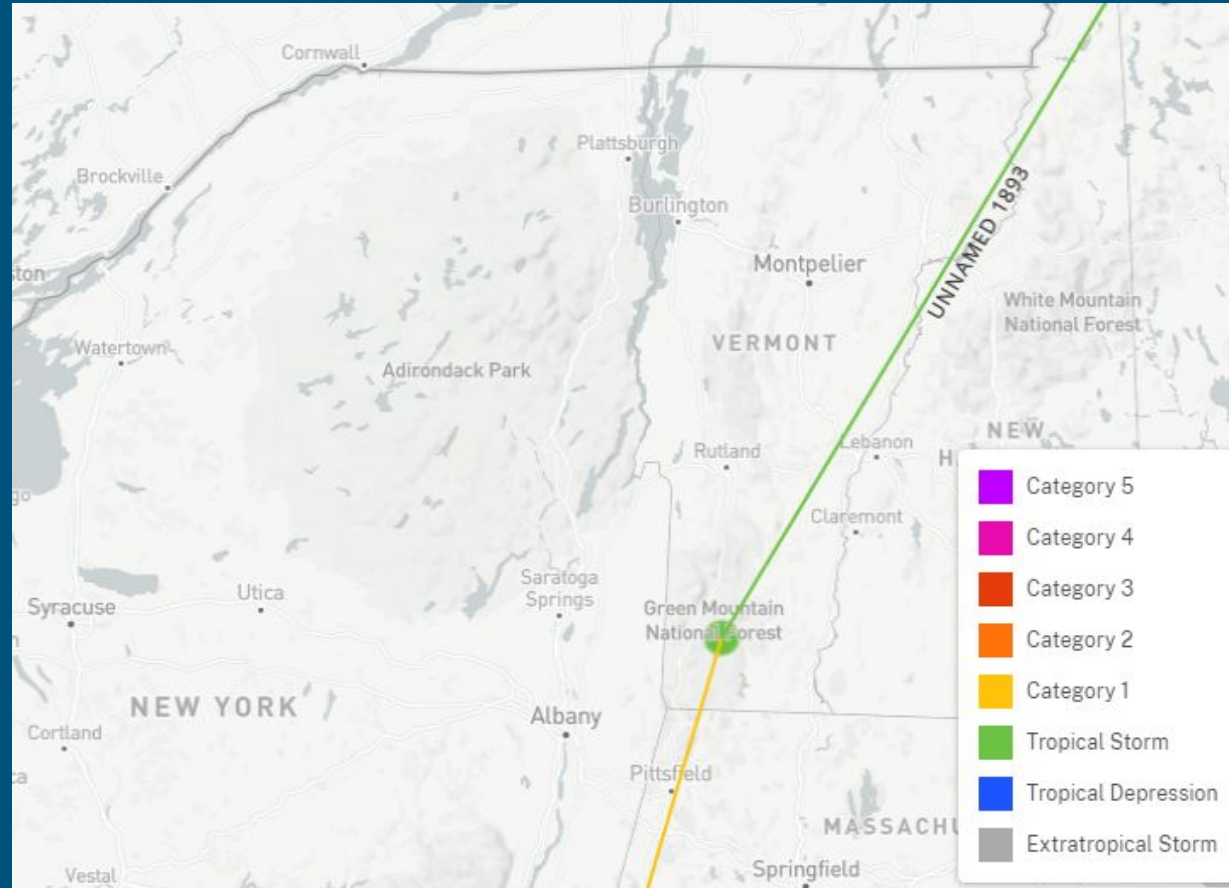
1949 Hurricane

- August 29, 1949.
- Entered central VT as a Tropical Storm.
- Winds 45 - 55 mph as it passed through VT.
- Pressure > 998 mb.



1893 Hurricane

- August 24, 1893.
- Entered southern VT as a Category 1 Hurricane and transitioned to a Tropical Storm as it tracked along the VT/NH border.
- Similar track to Irene.
- Winds 60 - 70 mph as it passed through VT.



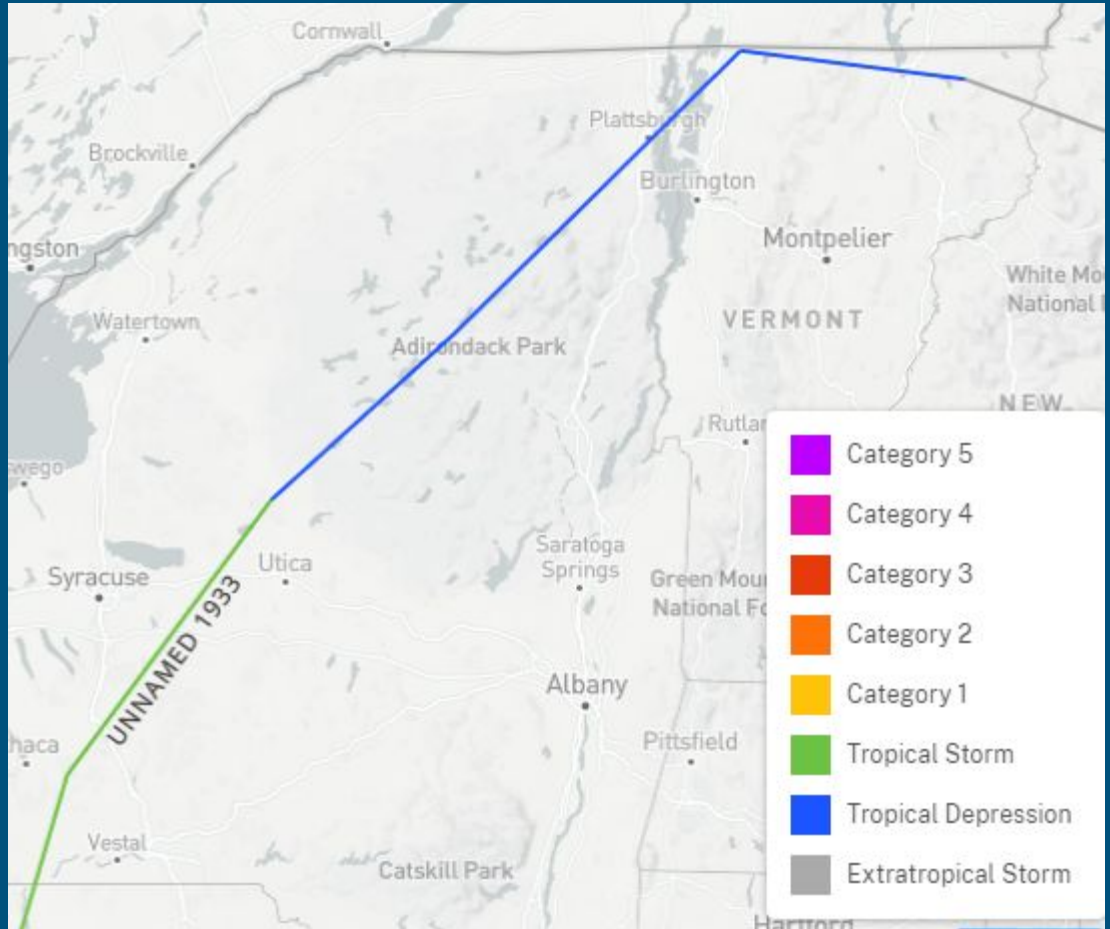


Tropical Depressions

Total: 1

1933 Hurricane

- August 24-25, 1933.
- Tracked through northern NY and along the International Border as a Tropical Depression.
- Winds 30 - 35 mph as it passed through NY and VT.





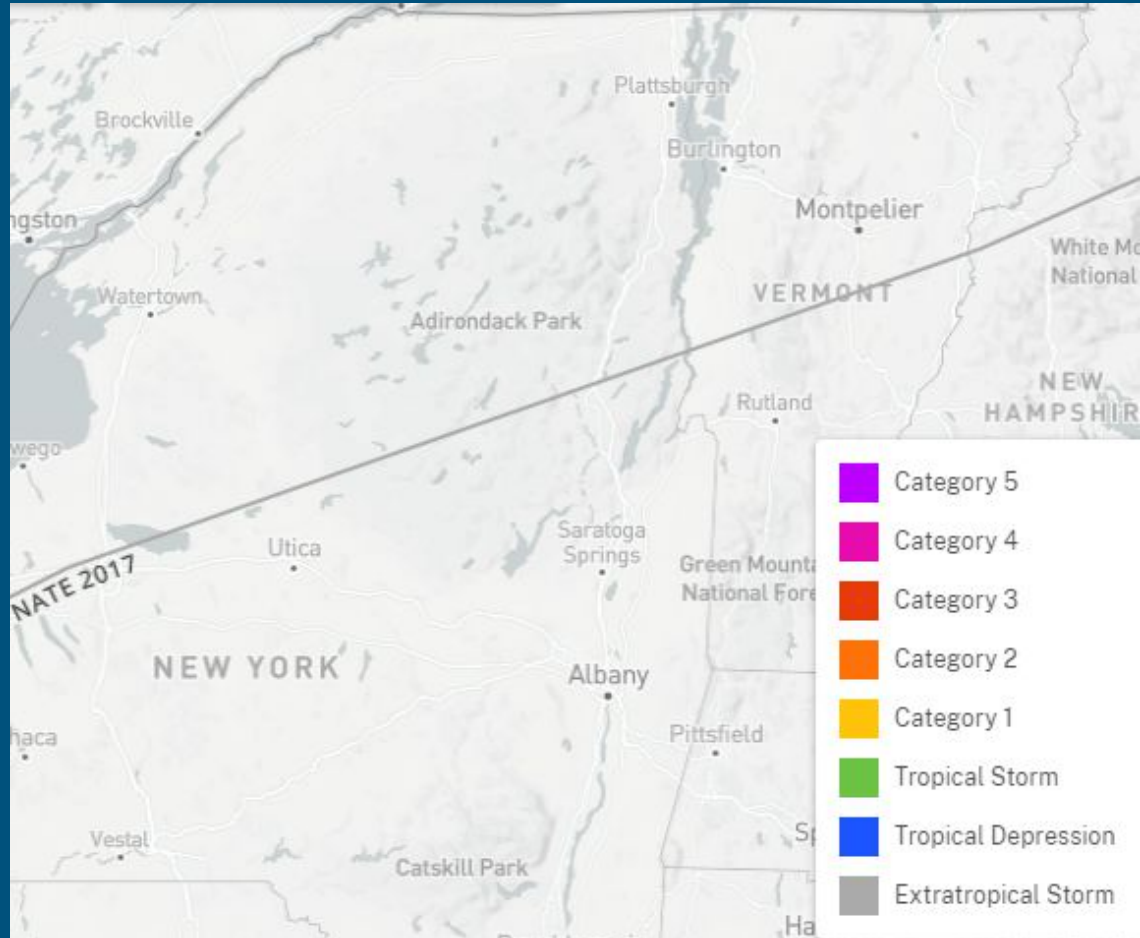
Extratropical/Remnant Storms

Total: 8

**Not including Fay 2020*

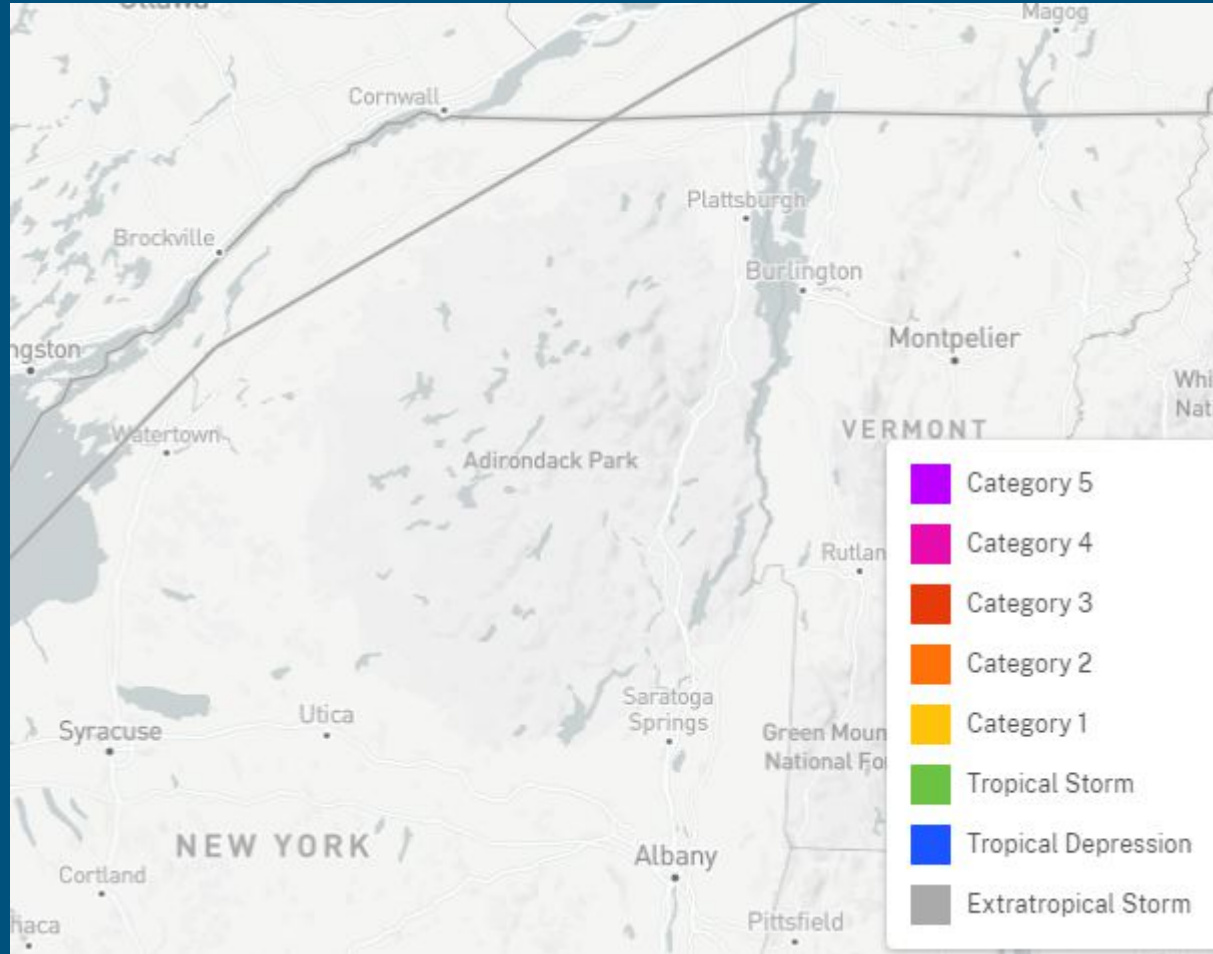
Hurricane Nate

- October 9, 2017.
- Passed through NY and VT as an extratropical storm.
- Winds 25 - 30 mph as it passed through NY and VT.
- Pressure 1005 - 1006 mb.



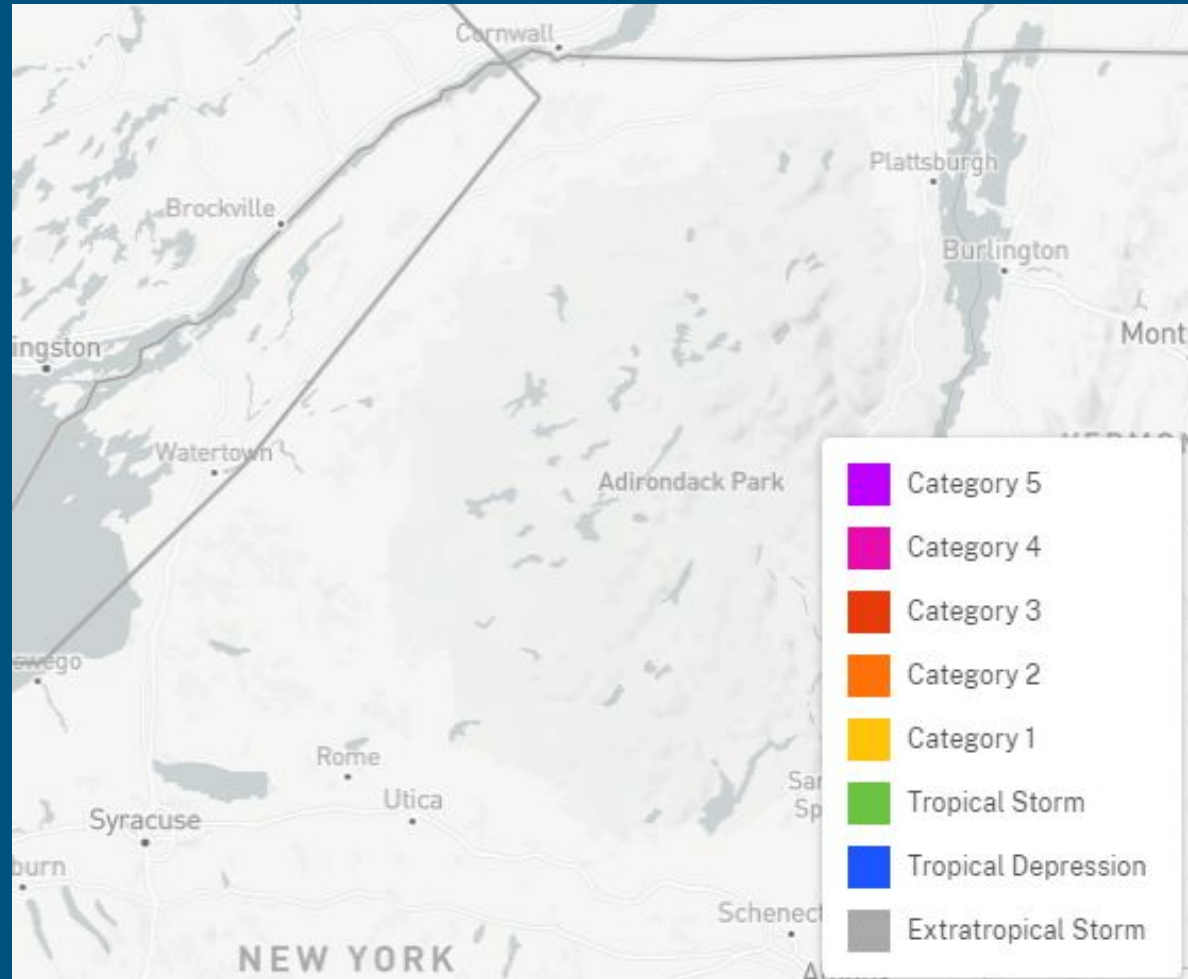
Hurricane Frances

- Sept 9, 2004.
- Passed through northern NY as an extratropical storm.
- Winds 25 - 35 mph as it passed through NY.
- Pressure 1002 - 1003 mb.



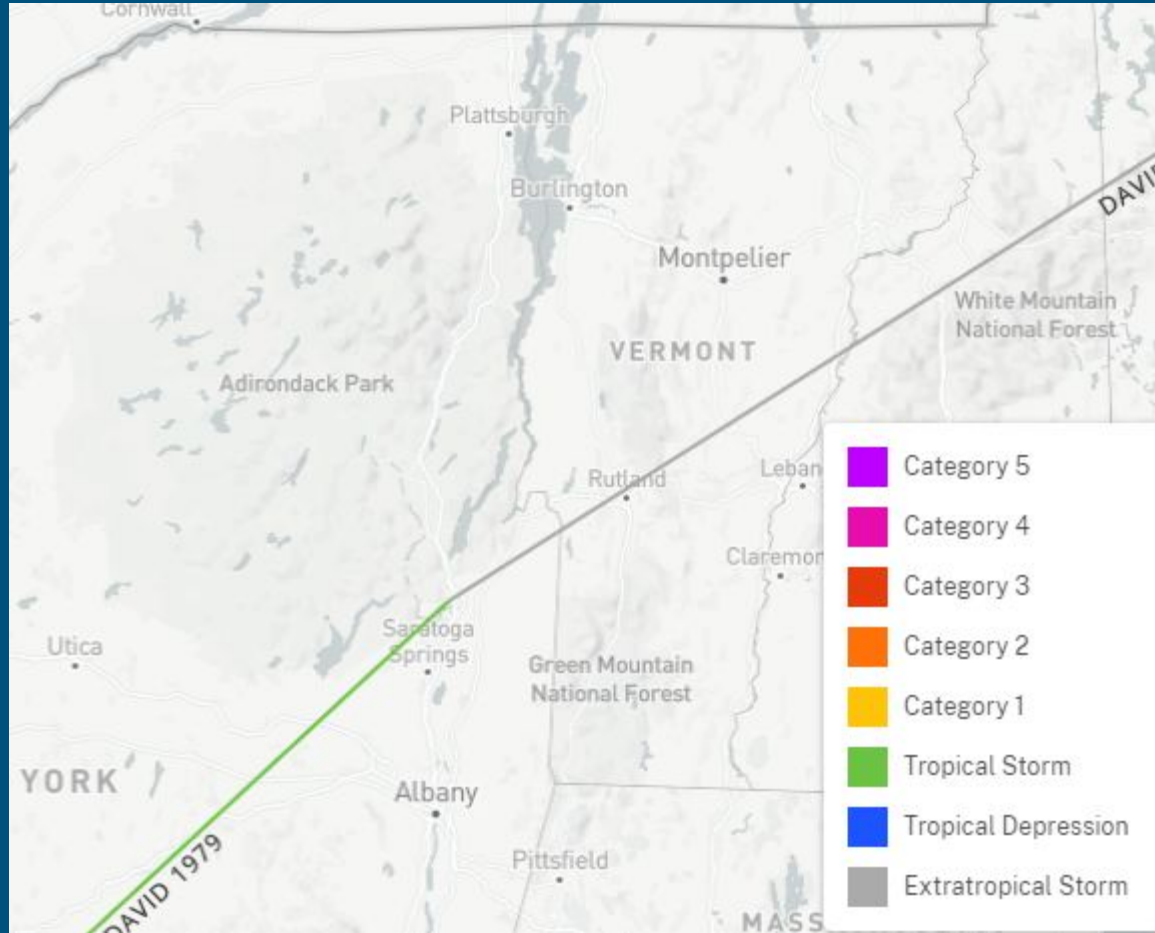
Hurricane Dennis

- Sept 7-8, 1999.
- Passed through northern NY as an extratropical storm.
- Winds 20 - 25 mph as it passed through NY.
- Pressure ~1006 mb.



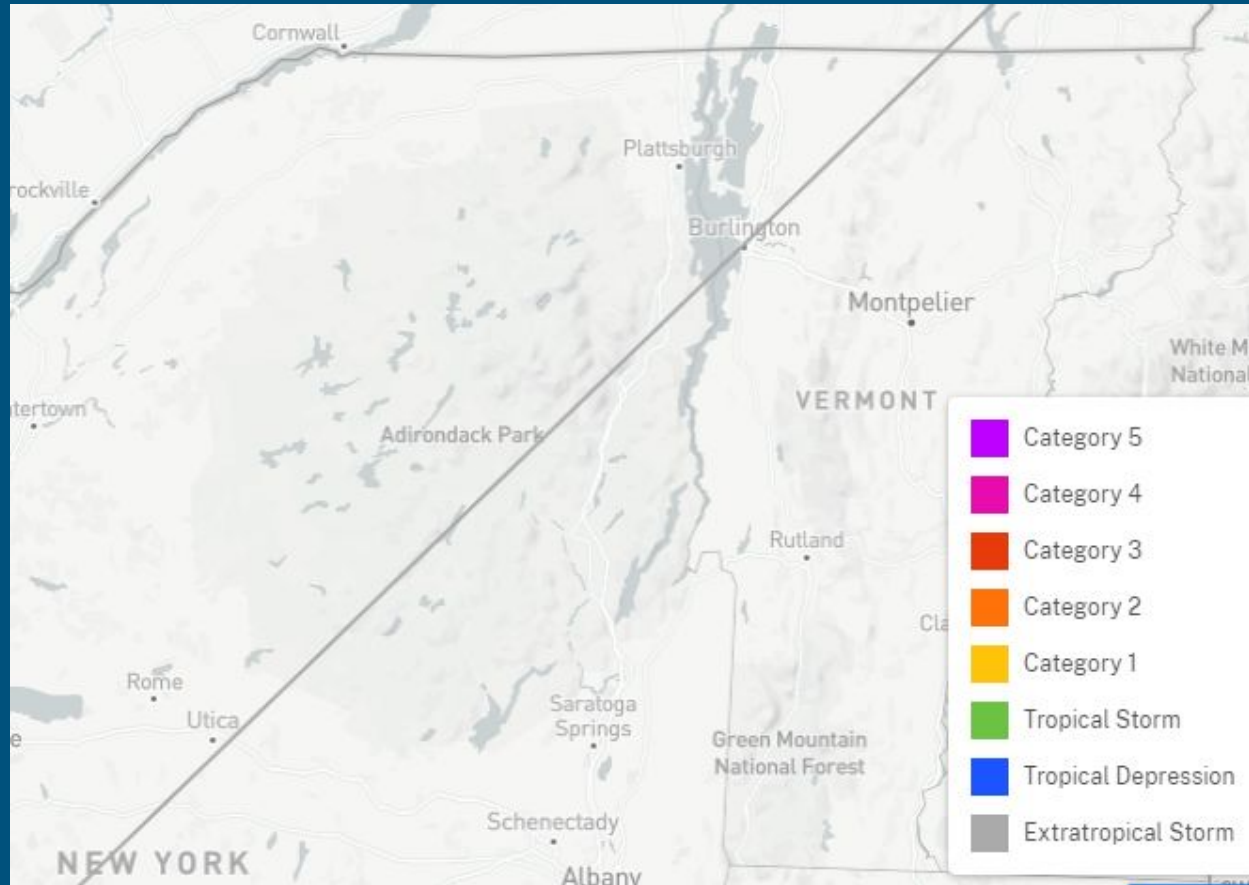
Hurricane David

- Sept 6, 1979.
- Passed through central VT as an extratropical storm.
- Winds 45 - 50 mph as it passed through VT.
- Pressure 991 - 992 mb.



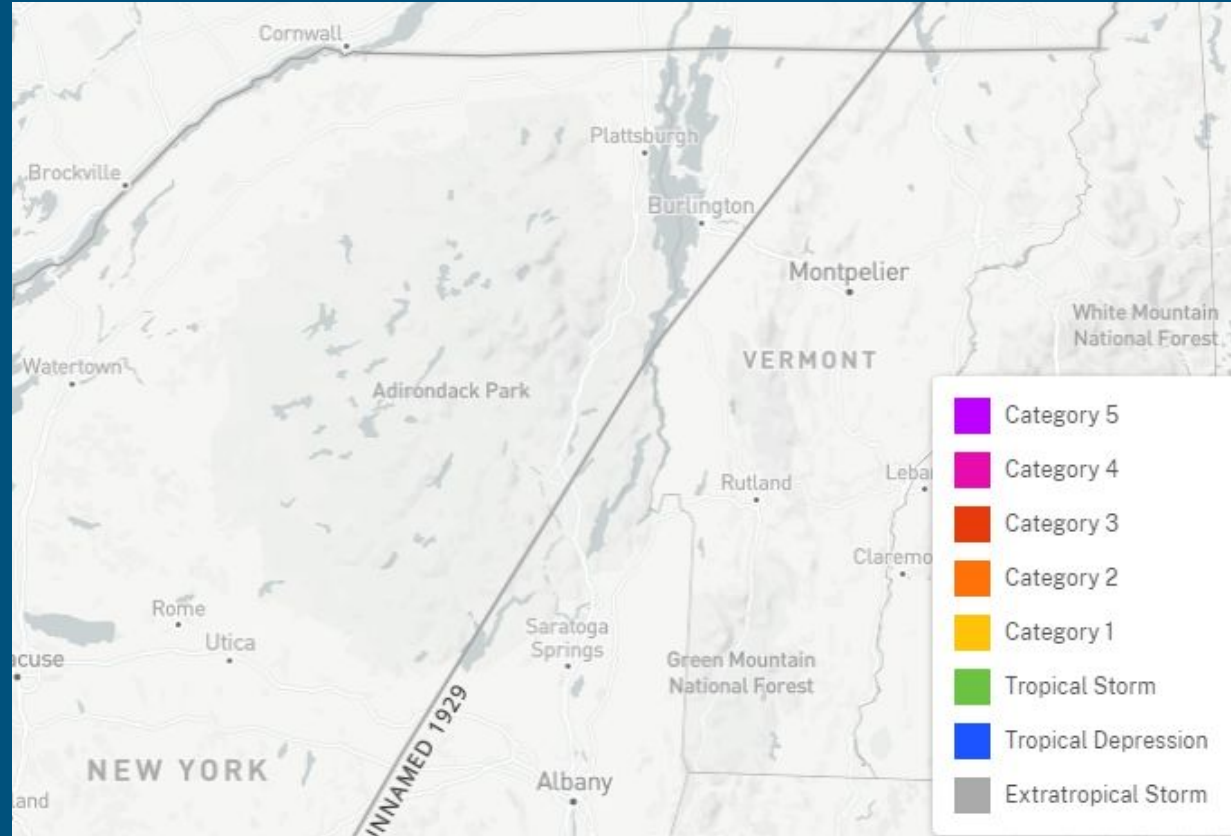
Hurricane Frederic

- Sept 14, 1979.
- Passed through northern NY and northern VT as an extratropical storm.
- Winds 30 - 35 mph as it passed through NY and VT.
- Pressure 988 - 998 mb.



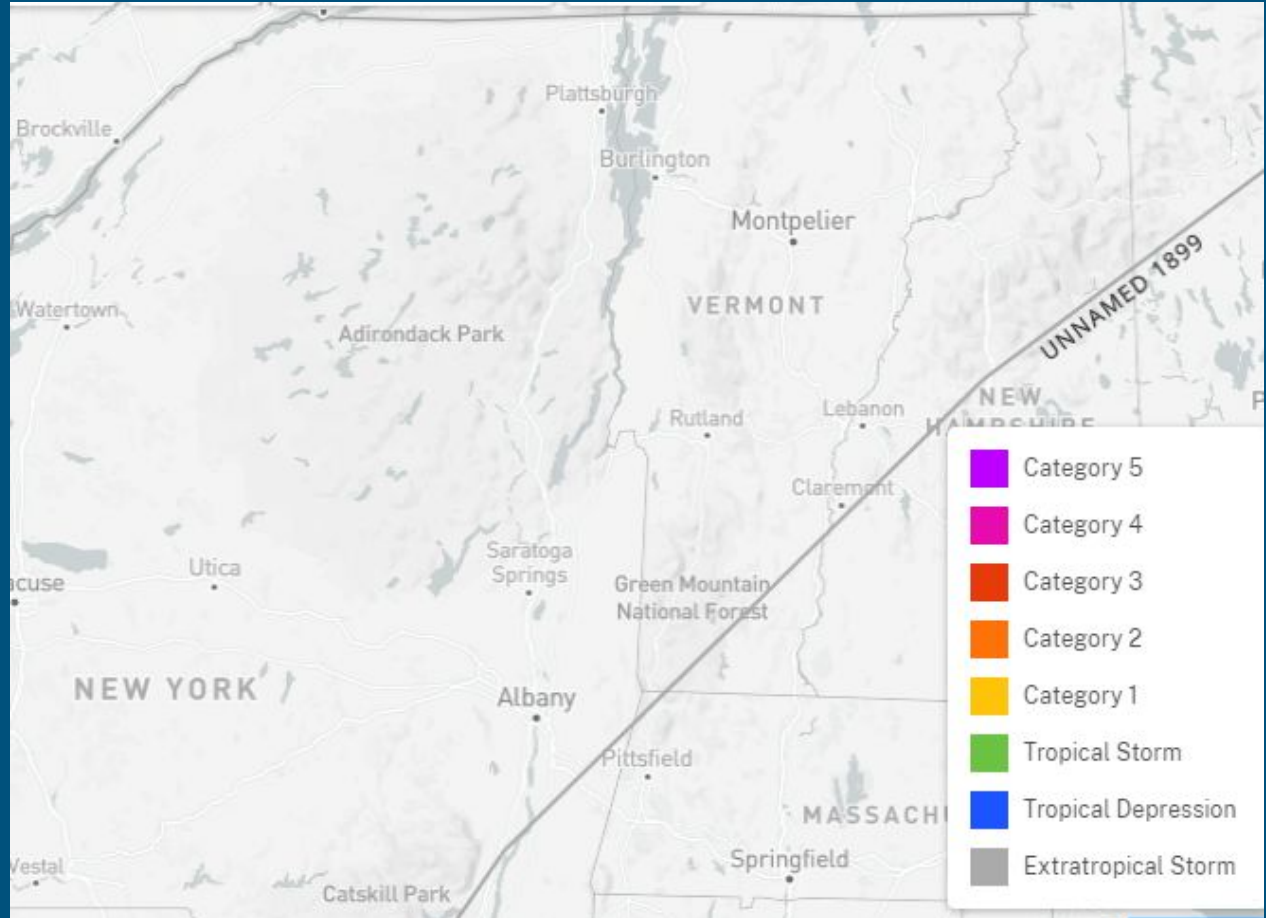
1929 Hurricane

- Oct 3, 1929.
- Passed through northern NY and northern VT as an extratropical storm.
- Winds 50 - 55 mph as it passed through NY and VT.



1899 Hurricane

- Nov 1, 1899.
- Passed through far southeastern Windsor County, VT as an extratropical storm.
- Winds 45 - 50 mph as it passed through VT.



1866 Tropical Storm

- Oct 30, 1866.
- Tracked northward along NY/VT border as an extratropical storm.
- Winds 45 - 55 mph as it passed through NY and VT.

