



Property & Liability Resource Bureau

Catastrophe Services

Current Weather & Forecasts Web App

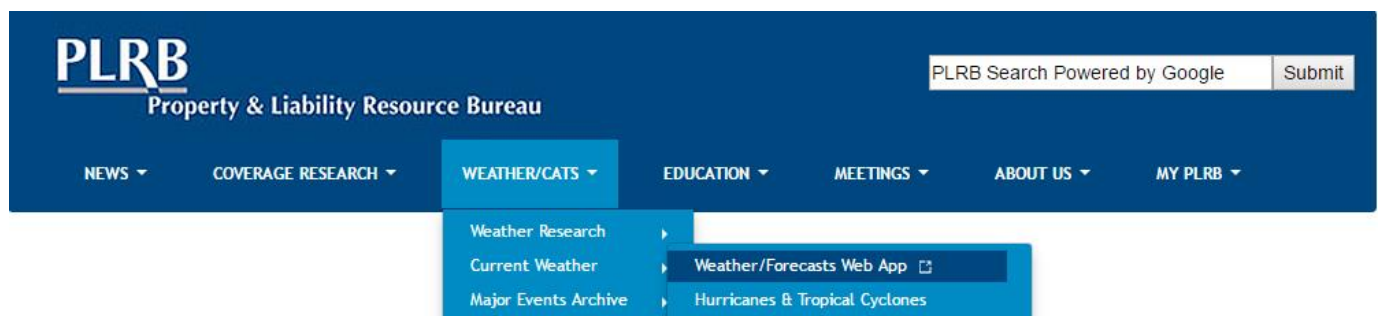
Catastrophe Services has created a *Current Weather & Forecasts* app, on our Catastrophe Services Maps & Applications Portal. Users can see many of the current forecast products that are currently available in the daily *Threats Assessment* report including the severe weather outlook, fire weather outlook, and tropical Weather outlook.

Users can upload a spreadsheet (CSV file) of their policyholders geolocated (must contain latitude and longitude fields) addresses and temporarily display them on the map, to determine which policyholders may be impacted by a particular weather event.

From the **PLRB Homepage**, at www.plrb.org, perform the following (please sign in first):

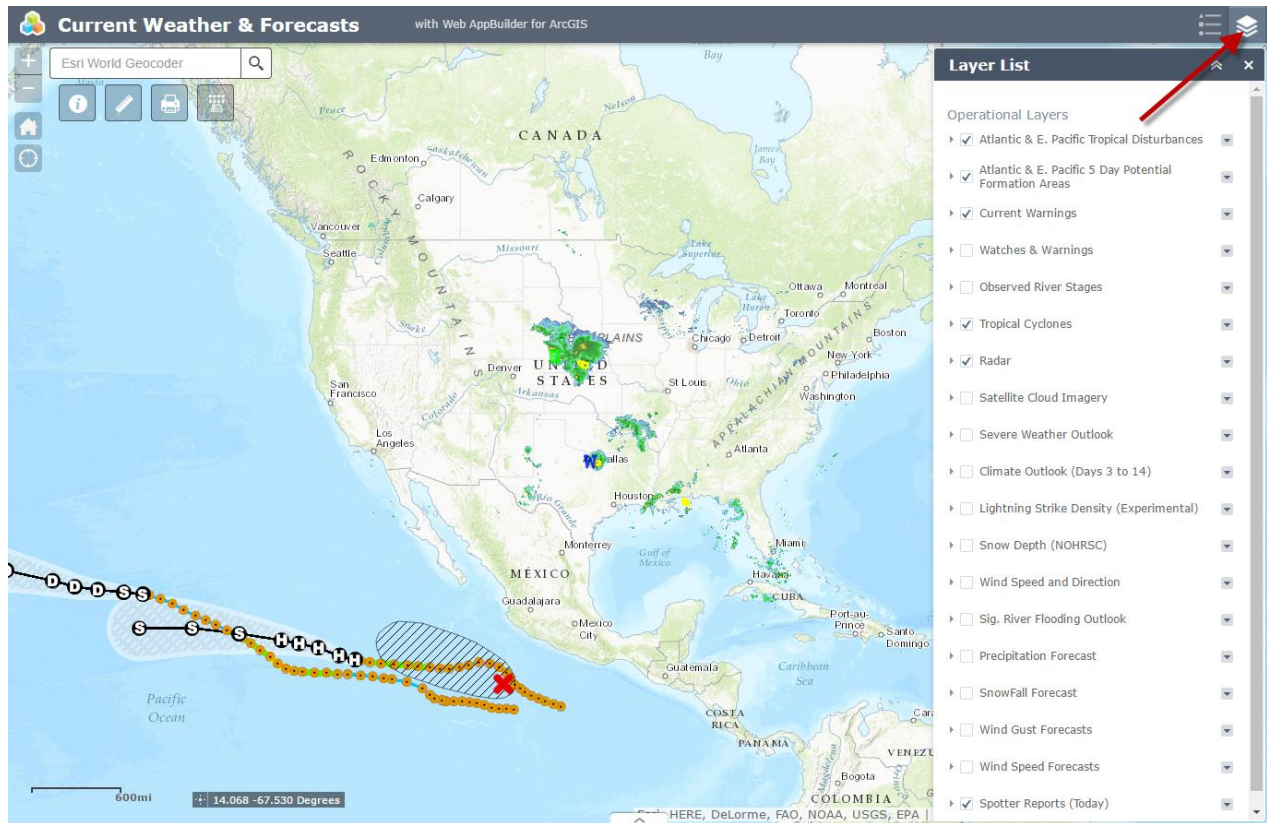
Hover your mouse over **Weather/Cats** on the top navigation bar.

Under the Current Weather heading, click on **Weather/Forecasts Web App**.



PLRB Homepage

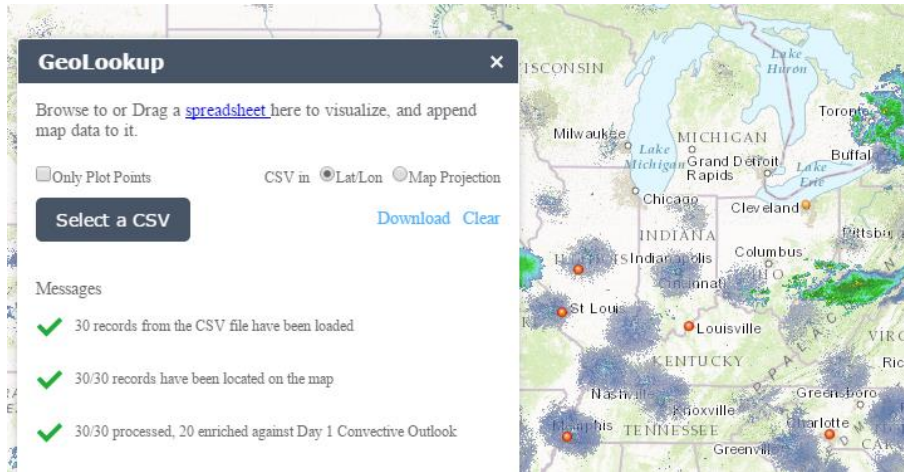
Once the app loads, you may click on the Layer List icon in the top right corner to view a list of what data is available. By default, tropical disturbances and the 5-day potential formation area layers are visible as well as radar, current short-term warnings, and today's storm reports.



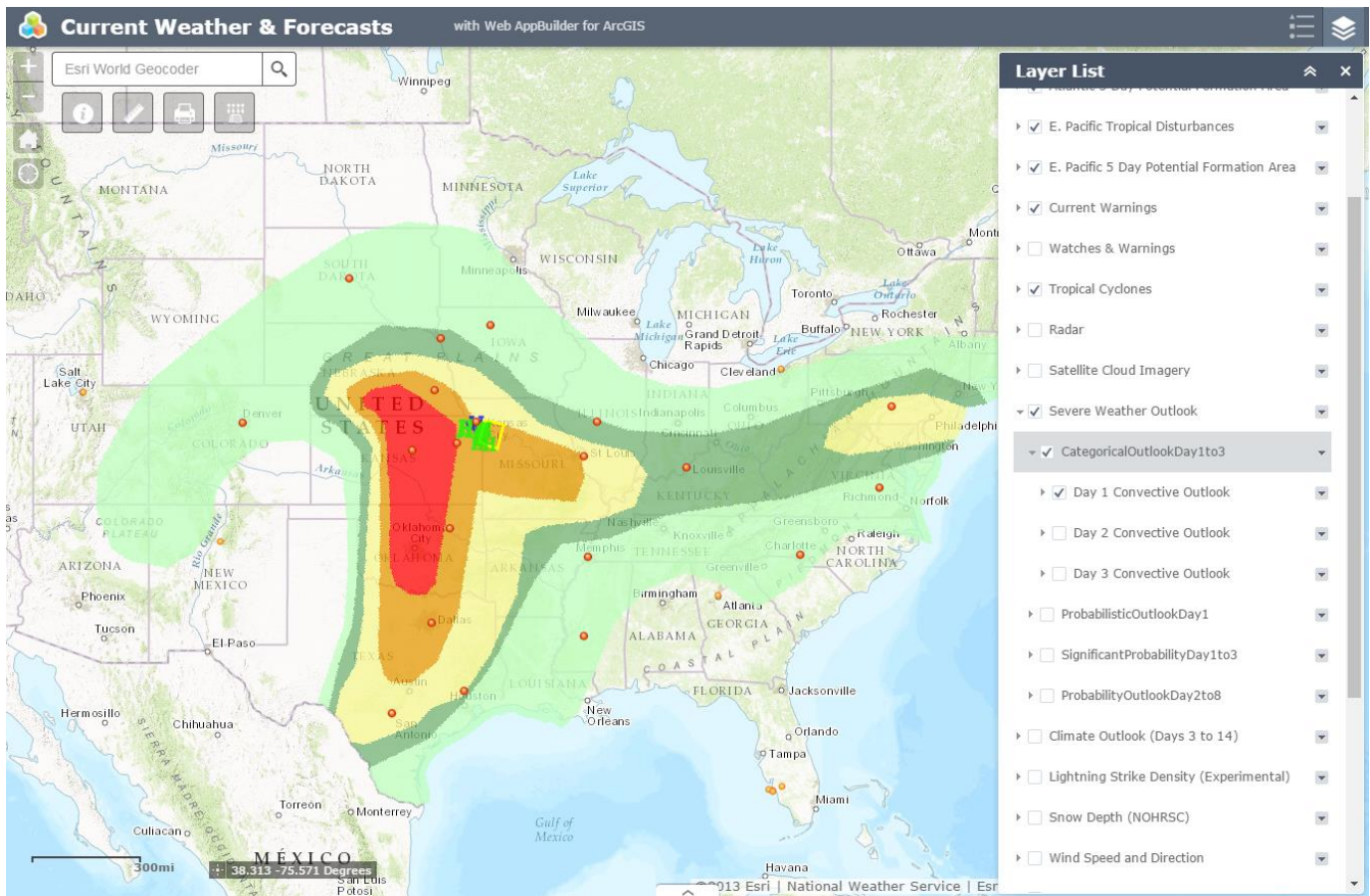
To upload a CSV file of geocoded (must contain latitude and longitude fields) addresses and determine the risk of severe weather for the current day, click on the GeoLookup widget icon near the top left corner. Next, click on the **Select a CSV** button.



Select a CSV file (must contain latitude and longitude fields). The points will be plotted on the map, and a spatial query will be conducted. If a point falls within the Day 1 Convective Outlook polygons, it will have a darker orange color. Also, the total number of points that fall within the polygons will be listed in the messages. In this case, it states “20 enriched against Day 1 Convective Outlook.” If you only wish to plot the points without conducting the spatial query, select the **Only Plot Points** checkbox.



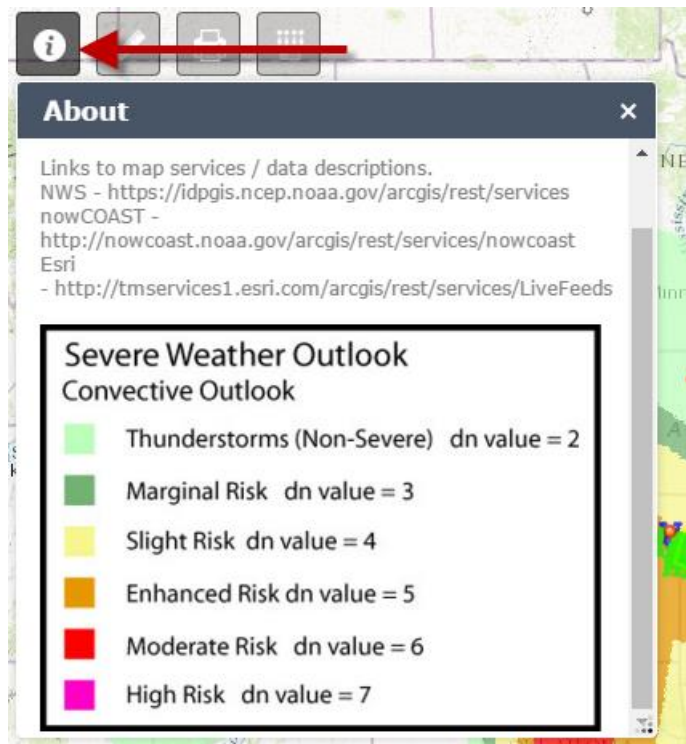
To visualize this better, disable the Radar layer in the layer list, and select the Severe Weather Outlook checkbox.



Next, return to the GeoLookup widget and select the **Download** link. The newly downloaded CSV file will contain “dn” values which correspond to the Day 1 Severe Weather Outlook.

	A	B	C	D	E	F	G	H
1	Row Num	City	State	Longitude	Latitude	intersect	GLProcess	dn
2	1	Fort Myers	FL	-82.0098	26.48639	Out		
3	2	Lehigh Acr	FL	-81.6467	26.61751	Out		
4	3	Captiva	FL	-82.1902	26.50964	Out		
5	4	Sanibel	FL	-82.0525	26.43229	Out		
6	5	Sioux City	IA	-96.4003	42.49999	In		3
7	6	St. Joseph	IA	-94.2272	42.9133	In		2
8	7	St. Joseph	KS	-94.8467	39.76746	In		5
9	8	Salina	KS	-97.6114	38.84028	In		6
10	9	Atlanta	GA	-84.388	33.749	Out		
11	10	Topeka	KS	-95.689	39.05582	In		5
12	11	Tulsa	OK	-95.9928	36.15398	In		5
13	12	Pierre	SD	-100.351	44.36832	In		2

Finally, click on the **About** widget to view the Legend of “dn” values and how they relate to the severe weather risk.



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