Hurricane Ian Florida Public Power Response and Restoration

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Projected Storm Path — Tuesday, September 27 2:00 AM · SAT 01 8:00 AM Update September 30, 2022 Source: NOAA/National Hurricane Center Chattahoochee Havana Oulney • Jacksonville Tallahassee Blountstown • Jacksonville Starke **Green Cove Springs** September 30, 2022 Ocala 2:00 AM • FRI 30 Beach 12:00 · September 29, 2022 Bushnell Orlando Reedy Cre St. Cloud Fort Meade 2:00 AM + THU 29 Moore Haven Clewiston 2:00 PM · WED 28 Lake September 28, 2022 Worth Beach Homestead 2:00 AM · WED 28 2:00 PM · TUE 27

Hurricane Ian: Pre-Planning and Projections

Major hurricane projected early on; track and landfall shifted

- Friday, Sept 23: Tropical Depression Nine
 - Projected landfall around Tampa on Wed.
 - Mutual aid coordinators put on notice to start engaging utilities and gathering numbers
- Sunday, Sept 25: Tropical Storm
 - Projected landfall around Big Bend late Thurs.
- Monday, Sept 26: Hurricane
 - Projected landfall around Tampa on Thurs.
- Tuesday, Sept 27: Major Hurricane
 - Storm track shifts
 - Projected landfall now around Ft. Myers on Wed.
- Wednesday, Sept 28: Landfall
 - Around Ft. Myers as Major Hurricane 150 mph



September 30, 2022 Jacksonville Tallahassee Jacksonville Beach Green Cove Springs September 30, 2022 Williston • Ocala New Smyrna eesburg 12:0 September 29, 2022 Bushnell Orlando Reedy Cre (Issimmee • Lake nd St. Cloud Bartow For Meade • 0:00 · Septer per 29, 2022 Fort Wauchúla lerce • Moore Hay ton Lake 15:15 · September 28, 2022 Worth Beach Homestead 00:00 · Wednesday, September 28, 2022

Hurricane lan:

Landfall Track









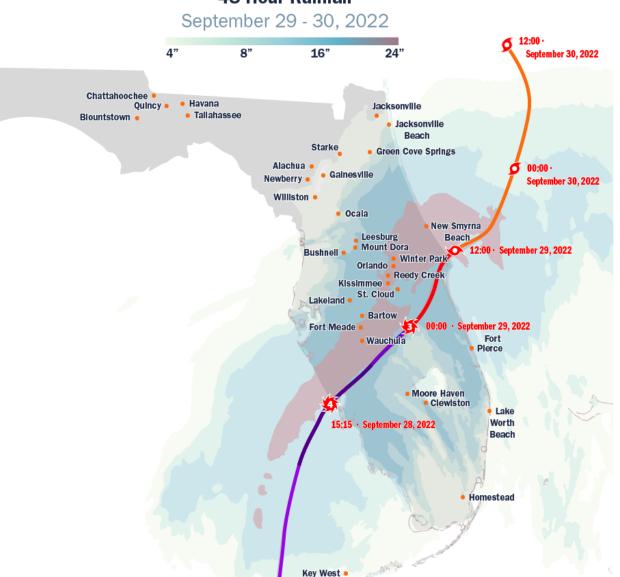


Chattahoochee •

Blountstown •

Quincy • Havana

48 Hour Rainfall



00:00 · Wednesday, September 28, 2022

Hurricane lan:

48 Hour Rainfall









Hurricane Ian: Impacts and Mutual Aid Assistance

- 2.7 million customers statewide out at peak
 - 212,344 from public power
- 23 of Florida's 33 public power utilities experienced outages
- More than 750 public power lineworkers committed from approximately 150 utilities from 22 states
- 18 of Florida's 33 public power utilities used mutual aid assistance

Alabama	Kentucky	Nebraska	
Arkansas	Louisiana	North Carolina	
Connecticut	Massachusetts	Ohio	
Georgia	Michigan	Oklahoma	
Illinois	Minnesota	Tennessee	
Indiana	Mississippi	Texas	
Iowa	Missouri	Wisconsin	
Kansas			





Hurricane Ian:

Public Power Restoration

- 23 of 33 Florida public power utilities experienced outages
- More than 212, 000 public power customers out at peak
 - More than 2.7 million out statewide
- More than 50% of those restored in 24 hours
- 80% restored in 48 hours
- 99% restored in 72 hours



DATE	# Customers Out	% Customers Out
Sept 29, 2022	212,344	14%
Sept 30, 2022	91,612	6%
Oct 1, 2022	45,241	3%
Oct 2, 2022	19,189	1%
Oct 3, 2022	7,932	<1%
Oct 4, 2022	1,557	<1%



Ian is in a three-way tie for 4th strongest storm to strike Florida in last 100 years.

Florida Category 4-5 Hurricanes Ranked by Wind							
Rank	Year	Month	Day	Storm_Name	Landfall Wind (mph)	Landfall Pressure (mb)	
1	1935	9	3	Labor Day	185	892	
2	1992	8	24	Andrew	165	922	
3	2018	10	10	Michael	160	919	
T-4	1919	9	10	Florida Keys	150	927	
T-4	2004	8	13	Charley	150	941	
T-4	2022	9	28	lan	150	940	
T-7	1926	9	18	Great Miami	145	930	
T-7	1928	9	17	Lake Okeechobee	145	929	
T-7	1960	9	10	Donna	145	930	
T-10	1945	9	15	Homestead	130	949	
T-10	1947	9	16	Fort Lauderdale	130	943	
T-10	1948	9	22	Sept 1948 Florida	130	940	
T-10	1949	8	26	Florida	130	954	
T-10	1950	10	18	King	130	955	
T-10	2017	9	10	Irma	130	931	

Hurricane Ian:

Comparisons







Hardest hitters Nine Category 4 and 5 hurricanes have hit the mainland U.S. in the last 50 years-6 in the Hugo lan past 5 years 1989 Sullivan's Cayo Costa Island Michael 140 mph 2018 Laura Mexico Beach 2020 S.C. 161 mph Cameron 150 mph G.A ALA. MISS. New TEX. **Andrew** Orleans 1992 Houston . Elliot Key 165 mph Ida Charley 2021 2004 Port Fourchon Cayo Costa 150 mph 150 mph Harvey Gulf of 2017 Mexico Port Aransas 130 mph Irma 2017 Cudjoe Key 200 MILES 130 mph 322 KM TIME

Hurricane Ian:

Comparisons

Ian is in an eight-way tie for 5th strongest storm to strike the U.S.

	Continental US Landfalls of 150 + mph							
Rank	Year	Month	Day	Storm Name	Landfall Wind (mph)	Landfall Pressure (mb)	State	
1	1935	9	3	Labor Day	185	892	FL	
2	1969	8	18	Camille	175	900	MS	
3	1992	8	24	Andrew	165	922	FL	
4	2018	10	10	Michael	160	919	FL	
T-5	1856	8	10	Last Island	150	934	LA	
T-5	1886	8	20	Indianola	150	925	TX	
T-5	1919	9	10	Florida Keys	150	927	FL	
T-5	1932	8	14	Freeport	150	935	TX	
T-5	2004	8	13	Charley	150	941	FL	
T-5	2020	8	27	Laura	150	939	LA	
T-5	2021	8	29	Ida	150	931	LA	
T-5	2022	9	28	lan	150	940	FL	



