Hurricane Ian

Assessment Period: September 28 – October 1, 2022

Publication Date: October 7, 2022

USDA NASS
Disaster Monitoring Team





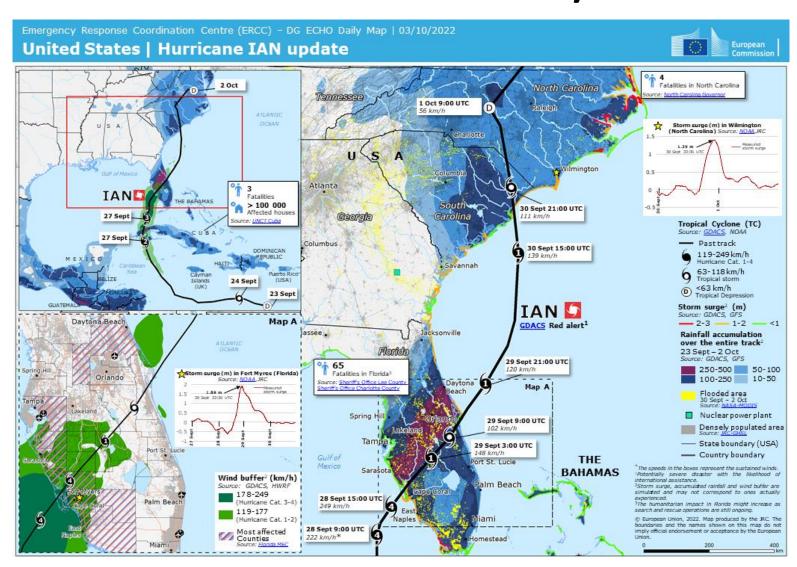
Event Summary

- Event: Hurricane Ian (Category 4 Atlantic Hurricane)
 - https://www.agri-pulse.com/articles/18318-hurricane-ians-damageto-farms-still-being-assessed
- Location: Southeastern United States (primarily Florida and South Carolina)
- Timeframe: Late September 2022
 - Hurricane Ian made landfall in Florida on September 28, 2022
 - Hurricane Ian made landfall in South Carolina on September 30, 2022





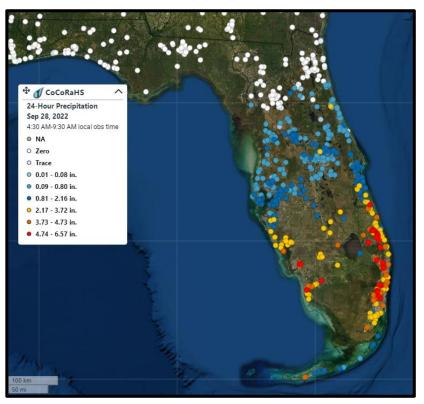
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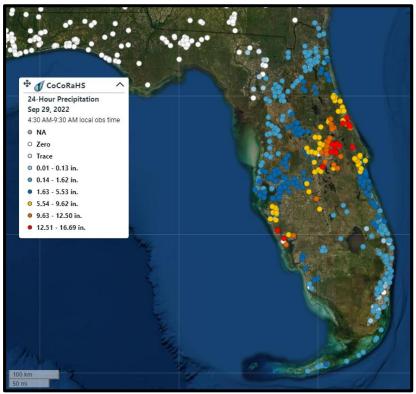


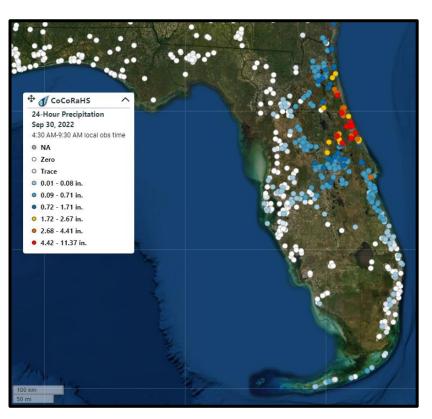




CoCoRaHS 24-Hour Precipitation (28-30 Sep)

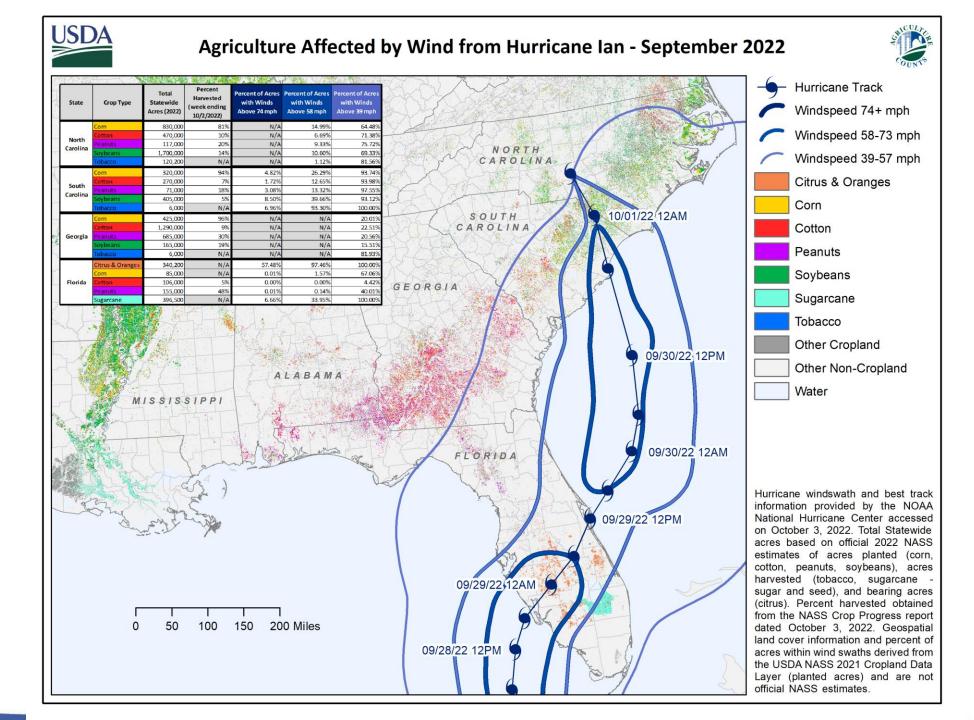
















State	Crop Type	Total Statewide Acres (2022)	Percent Harvested (week ending 10/2/2022)	Percent of Acres with Winds Above 74 mph	Percent of Acres with Winds Above 58 mph	Percent of Acres with Winds Above 39 mph
North Carolina	Corn	830,000	81%	N/A	14.99%	64.48%
	Cotton	470,000	10%	N/A	6.69%	71.38%
	Peanuts	117,000	20%	N/A	9.33%	75.72%
	Soybeans	1,700,000	14%	N/A	10.60%	69.33%
	Tobacco	120,200	N/A	N/A	1.12%	81.56%
South Carolina	Corn	320,000	94%	4.82%	26.29%	93.74%
	Cotton	270,000	7%	1.72%	12.65%	93.98%
	Peanuts	71,000	18%	3.08%	13.32%	97.55%
	Soybeans	405,000	5%	8.50%	39.66%	93.12%
	Tobacco	6,000	N/A	6.96%	93.30%	100.00%
Georgia	Corn	425,000	96%	N/A	N/A	20.01%
	Cotton	1,290,000	9%	N/A	N/A	22.51%
	Peanuts	685,000	30%	N/A	N/A	20.56%
	Soybeans	165,000	19%	N/A	N/A	15.51%
	Tobacco	6,000	N/A	N/A	N/A	81.93%
Florida	Citrus & Oranges	340,200	N/A	57.48%	97.46%	100.00%
	Corn	85,000	N/A	0.01%	1.57%	67.06%
	Cotton	106,000	5%	0.00%	0.00%	4.42%
	Peanuts	155,000	48%	0.01%	0.14%	40.01%
	Sugarcane	396,500	N/A	6.66%	33.95%	100.00%



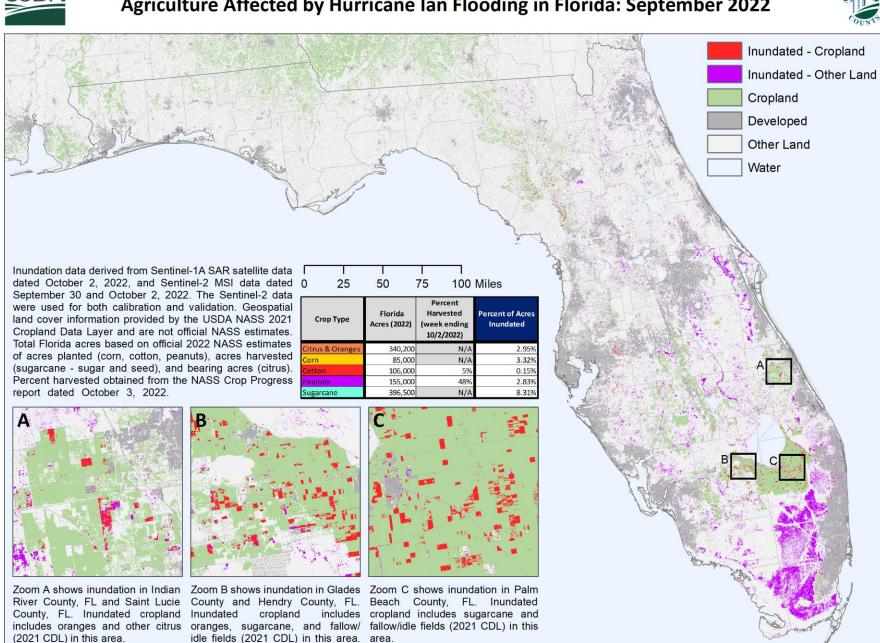
Total Statewide acres based on official 2022 NASS estimates of acres planted (corn, cotton, peanuts, soybeans), acres harvested (tobacco, sugarcane - sugar and seed), and bearing acres (citrus). Percent Harvested obtained from the NASS Crop Progress report dated October 3, 2022. Percent of crops affected derived from 2021 Cropland Data Layer.





Agriculture Affected by Hurricane Ian Flooding in Florida: September 2022







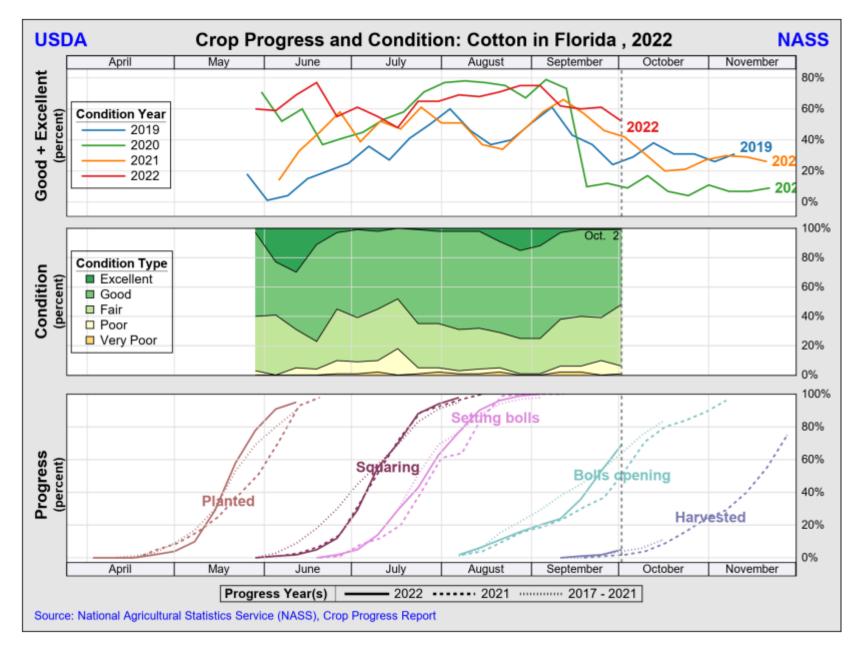


Crop Type	Florida Acres (2022)	Percent Harvested (week ending 10/2/2022)	Percent of Acres Inundated
Citrus & Oranges	340,200	N/A	2.95%
Corn	85,000	N/A	3.32%
Cotton	106,000	5%	0.15%
Peanuts	155,000	48%	2.83%
Sugarcane	396,500	N/A	8.31%



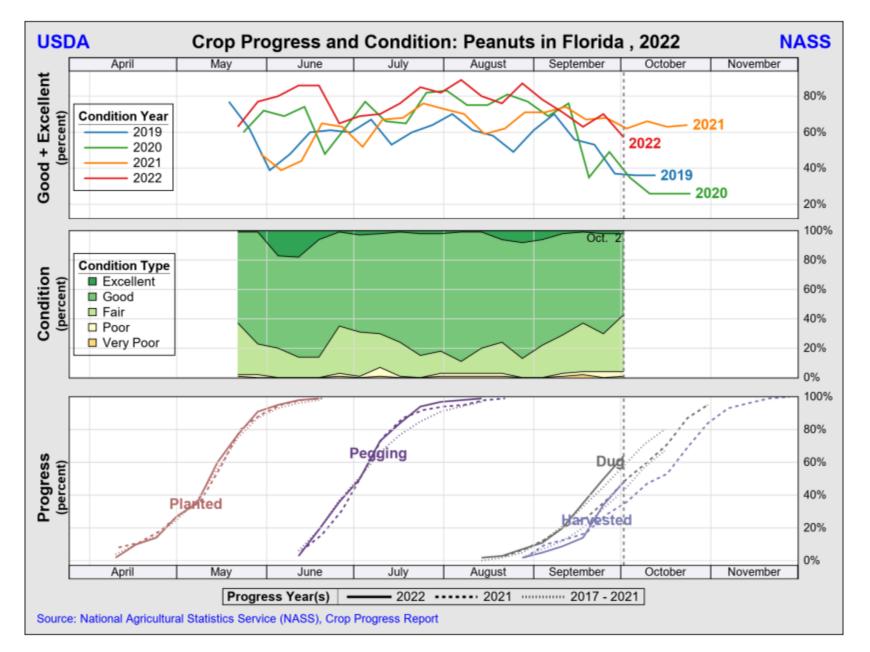
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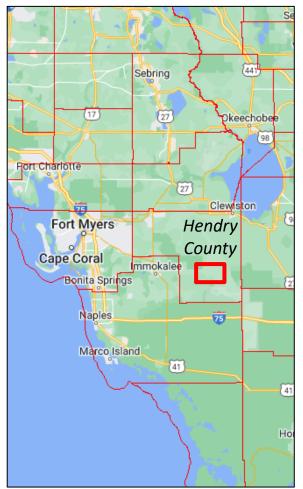








Hendry County, FL Crops of Interest: Oranges



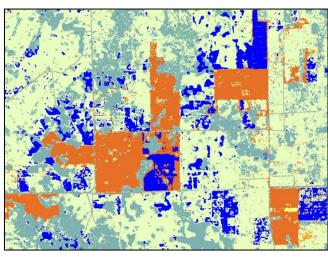
Sentinel-2 Before Event



2021 CDL

Sentinel-2 After Event (9/30/22)





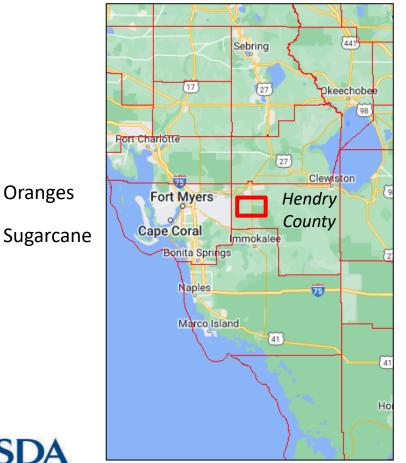
2021 CDL with Inundation Layer (Blue)



Oranges



Hendry County, FL Crops of Interest: Oranges & Sugarcane

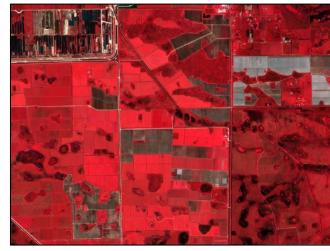


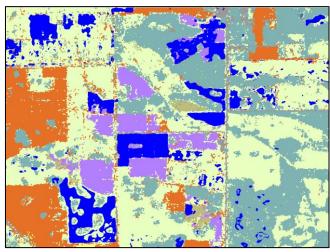
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2021 CDL

Sentinel-2 After Event (9/30/22)





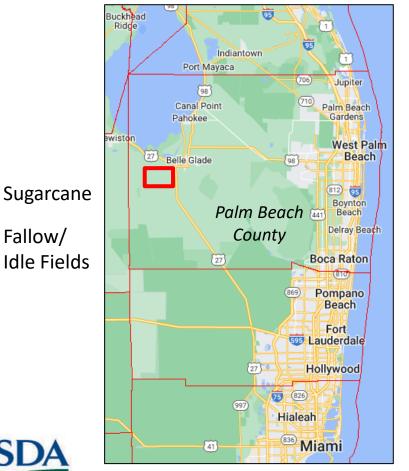
2021 CDL with Inundation Layer (Blue)



Oranges

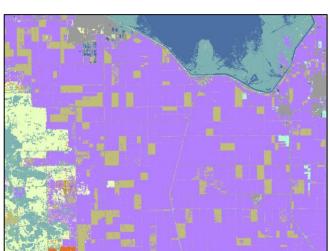


Palm Beach County Crops of Interest: Sugarcane & Fallow/Idle Fields



Sentinel-2 Before Event

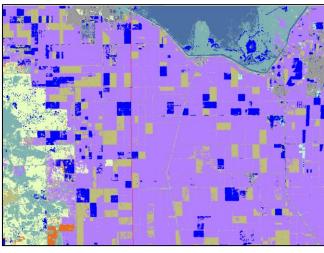




2021 CDL

Sentinel-2 After Event (9/30/22)









Fallow/



Hillsborough County
Crops of Interest: Strawberries
and other misc. fruit/veg



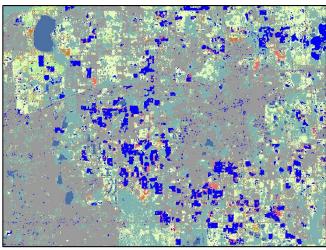
Sentinel-2 Before Event



2021 CDL

Sentinel-2 After Event (9/30/22)





2021 CDL with Inundation Layer (Blue)



Misc.

Fruits &

Veggies

