

Mapbook: Hurricane Iota

Honduras

15 November 2020

Contact



Version

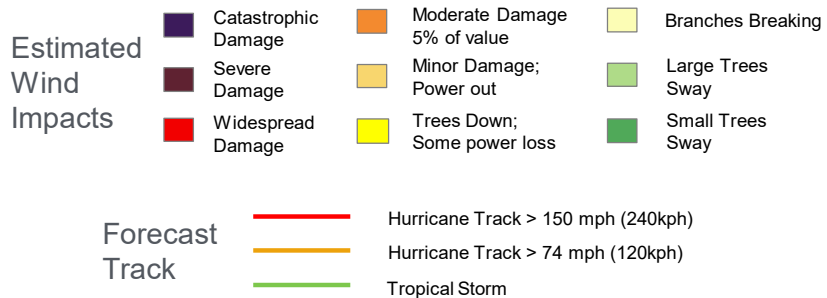
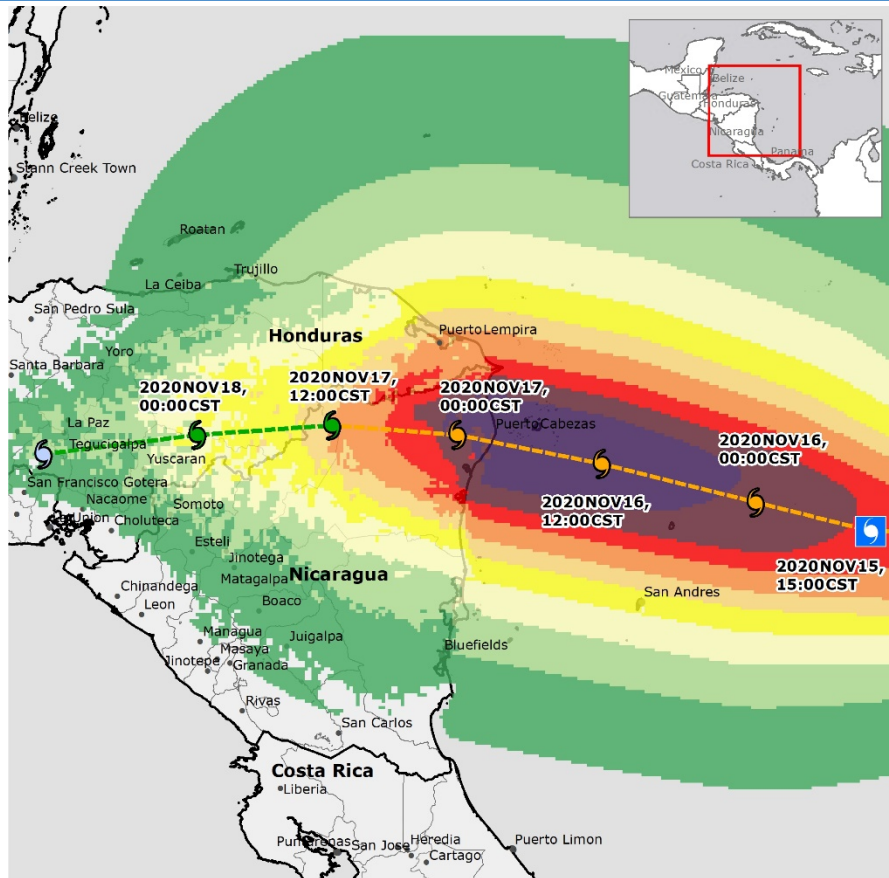
Date	Description	Version
15NOV20	Original Document	1.0

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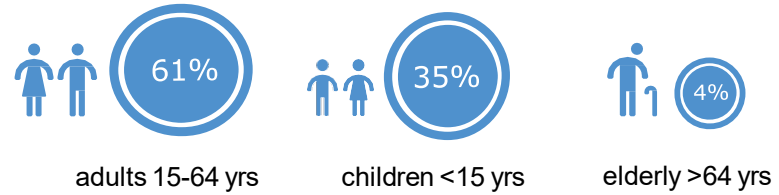
- **PDC-UNOCHA Joint Hurricane Winds Exposure Analysis - Honduras, Adv. 10 15NOV20 2100UTC / 1500CST**
- **TAOS Estimated Impacts Product, Adv. 10 15NOV20 2100UTC / 1500CST**
- **Honduras COVID-19 Planning Profile**
- **Honduras COVID-19 Cases, 15NOV**
- **Honduras Multi-Hazard Risk Index**
- **Honduras Resilience Index**
- **Honduras Vulnerability Index**
- **Honduras Coping Capacity Index**
- **Honduras Vulnerable Health Status Index**
- **Honduras Infrastructure Capacity Index**
- **Honduras Health Care Capacity Index**

Hurricane Iota – Honduras: Estimated Wind Impact Analysis

Advisory 10 – 15 NOV 2020 1500 CST (2100 UTC)



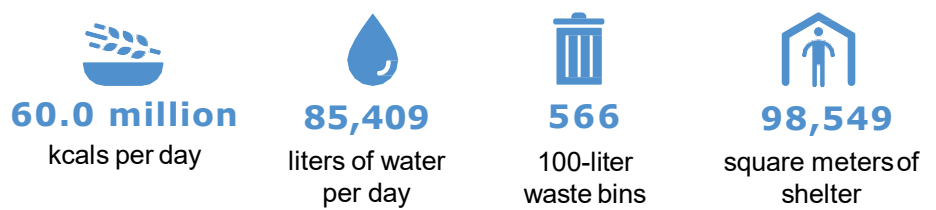
MAXIMUM POTENTIAL POPULATION EXPOSURE



TOTAL CAPITAL EXPOSURE \$255.4 million

Capital exposure represents existing infrastructure (residential, hospital, industrial, school, service sector) exposed to hazard impacts and is not an estimate of losses.

BREAKDOWN OF POTENTIAL NEEDS



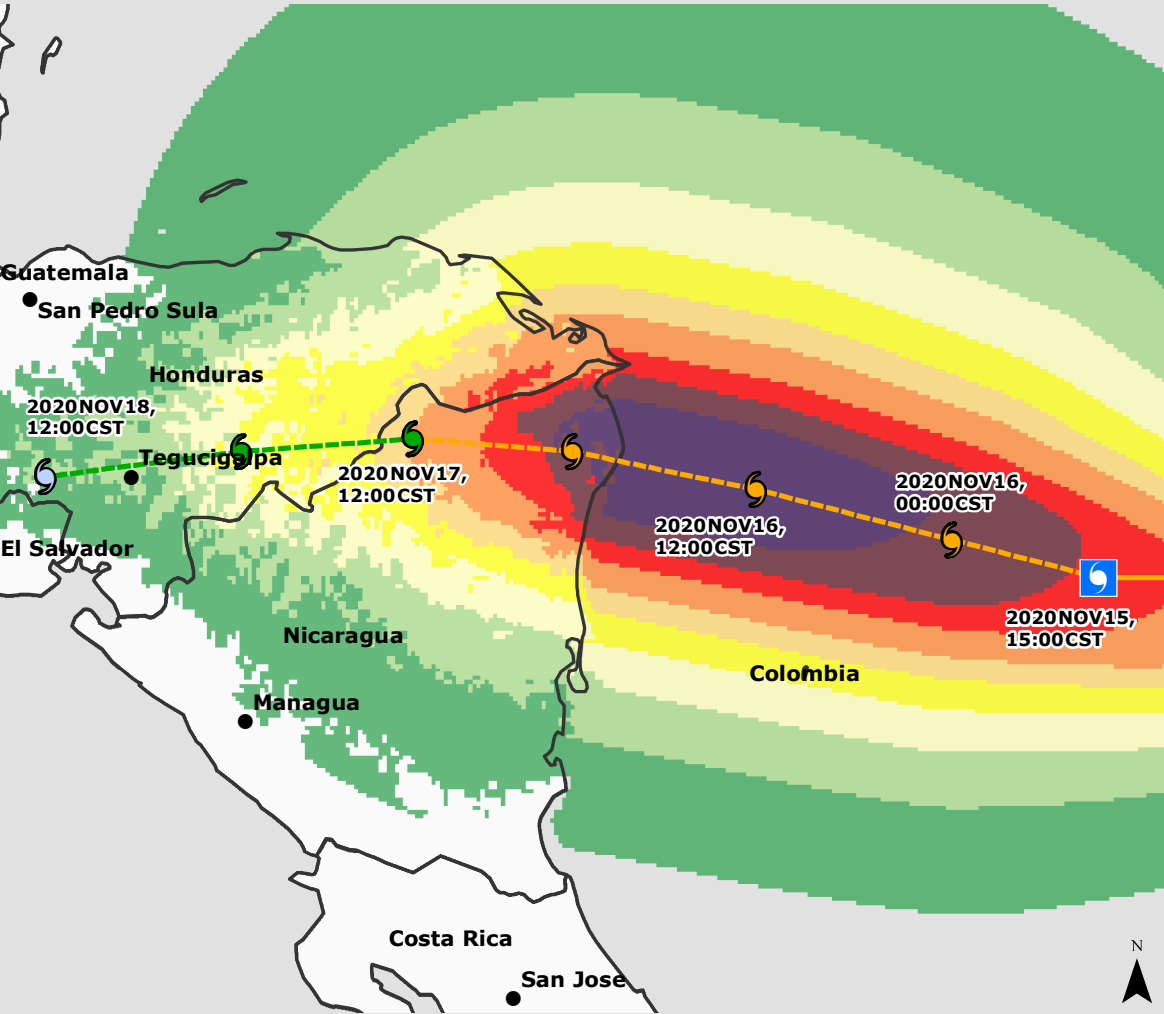
Hurricane Iota - Estimated Impacts

Advisory 10, 15 November 2020 1500 CST (2100 UTC)

PDC-31A-10A

NWS Summary: At 400 PM EST (2100 UTC), the center of Hurricane Iota was located near latitude 13.3 North, longitude 79.3 West. Iota is moving toward the west near 9 mph (15 km/h). A westward to west-northwestward motion is expected through landfall. After landfall, a westward to west-southwestward motion is forecast. On the forecast track, the core of Iota will pass near or over Providencia island late tonight or Monday, and approach the coasts of northeastern Nicaragua and eastern Honduras Monday, and make landfall within the hurricane warning area Monday night. Maximum sustained winds are near 90 mph (150 km/h) with higher gusts. Rapid strengthening is expected during the next 24 hours, and Iota is forecast to be an extremely dangerous category 4 hurricane when it approaches Central America. Hurricane-force winds extend outward up to 25 miles (35 km) from the center and tropical-storm-force winds extend outward up to 125 miles (205 km). The estimated minimum central pressure is 974 mb (28.77 inches).

Estimated Wind Impacts

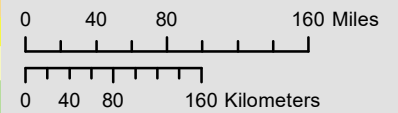


Tropical Cyclone Positions

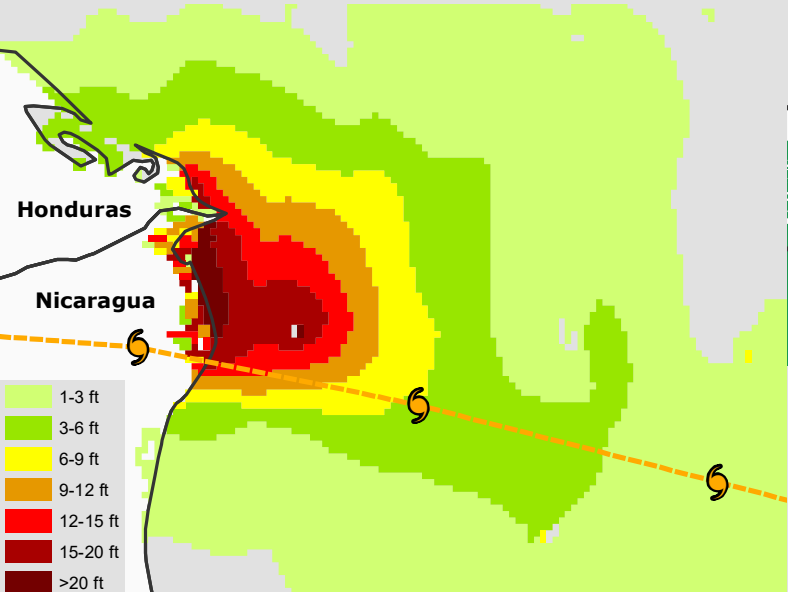
- Hurricane/Typhoon >150 mph
- Hurricane/Typhoon > 74 mph
- Tropical Storm: 39-73 mph
- Tropical Depression: <39 mph
- Current Cyclone Position

Est Wind Impacts (TAOS)

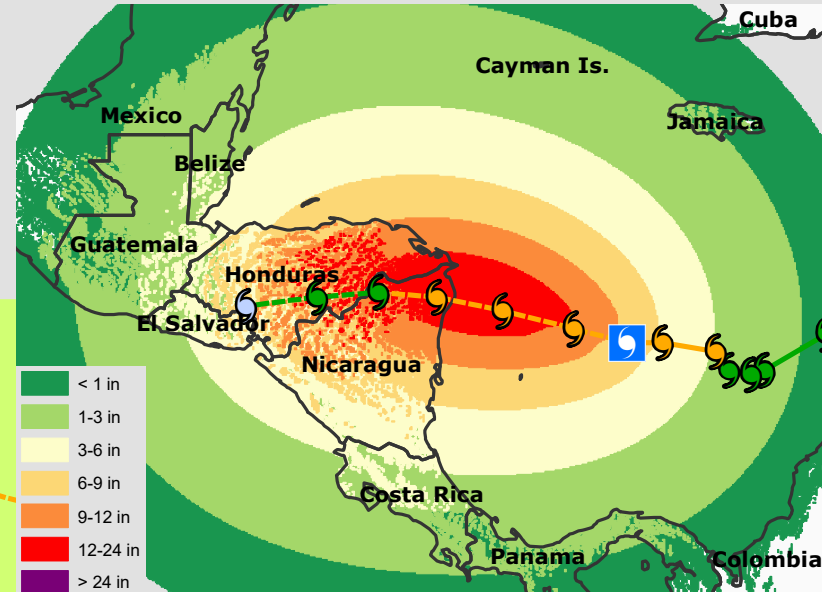
- Small Trees Sway
- Large Trees Sway
- Branches Breaking
- Trees Down; some power loss
- Minor Damage; power out
- Moderate Damage 5% of value
- Widespread Damage
- Severe Damage
- Catastrophic Damage



Estimated Still Water Storm Surge



Estimated Tropical Cyclone Rainfall





Key demographics snapshot



9.9 MILLION
TOTAL POPULATION (2020)



729,876
ELDERLY POPULATION (60+)

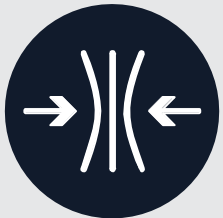
PDC Risk and Vulnerability Highlights



3 out of 28
LAC Vulnerability
Ranking



28 out of 30
LAC Coping Capacity
Ranking



5 out of 29
LAC Vulnerable Health
Status Ranking



25 out of 27
LAC Resilience
Ranking

LAC Healthcare Capacity Ranking: **29** out of 31



PHYSICIANS

3.14
per 10,000



NURSES / MIDWIVES

11.3
per 10,000



HOSPITAL BEDS

7
per 10,000



COVID-19: Honduras

15 NOVEMBER 2020



PDC | GLOBAL

Honduras Summary



CASES SUMMARY

102,079 Confirmed Cases

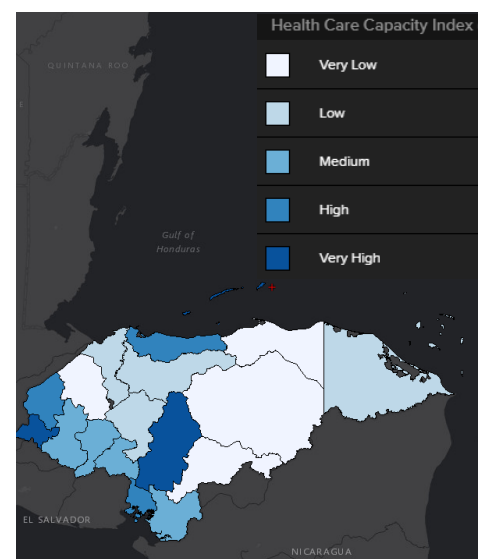
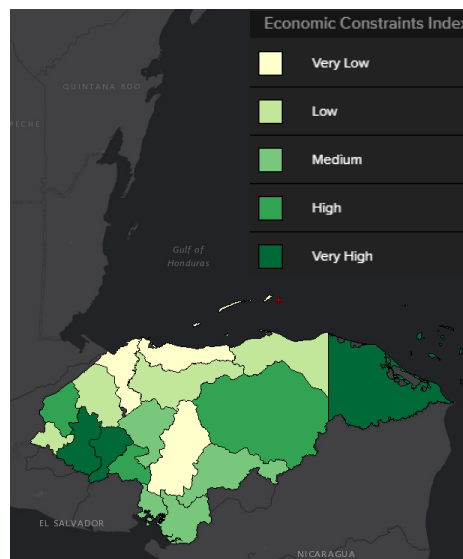
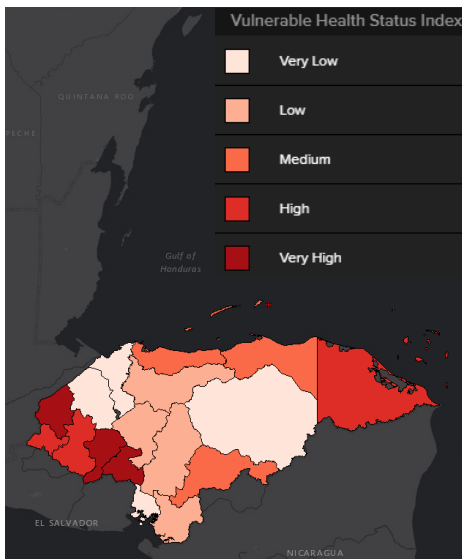
1,506 Cases (last 5d)

2,820 Deaths

55 Deaths (last 5d)

44,236 Recovered

New Confirmed Cases In Last 24 Hours



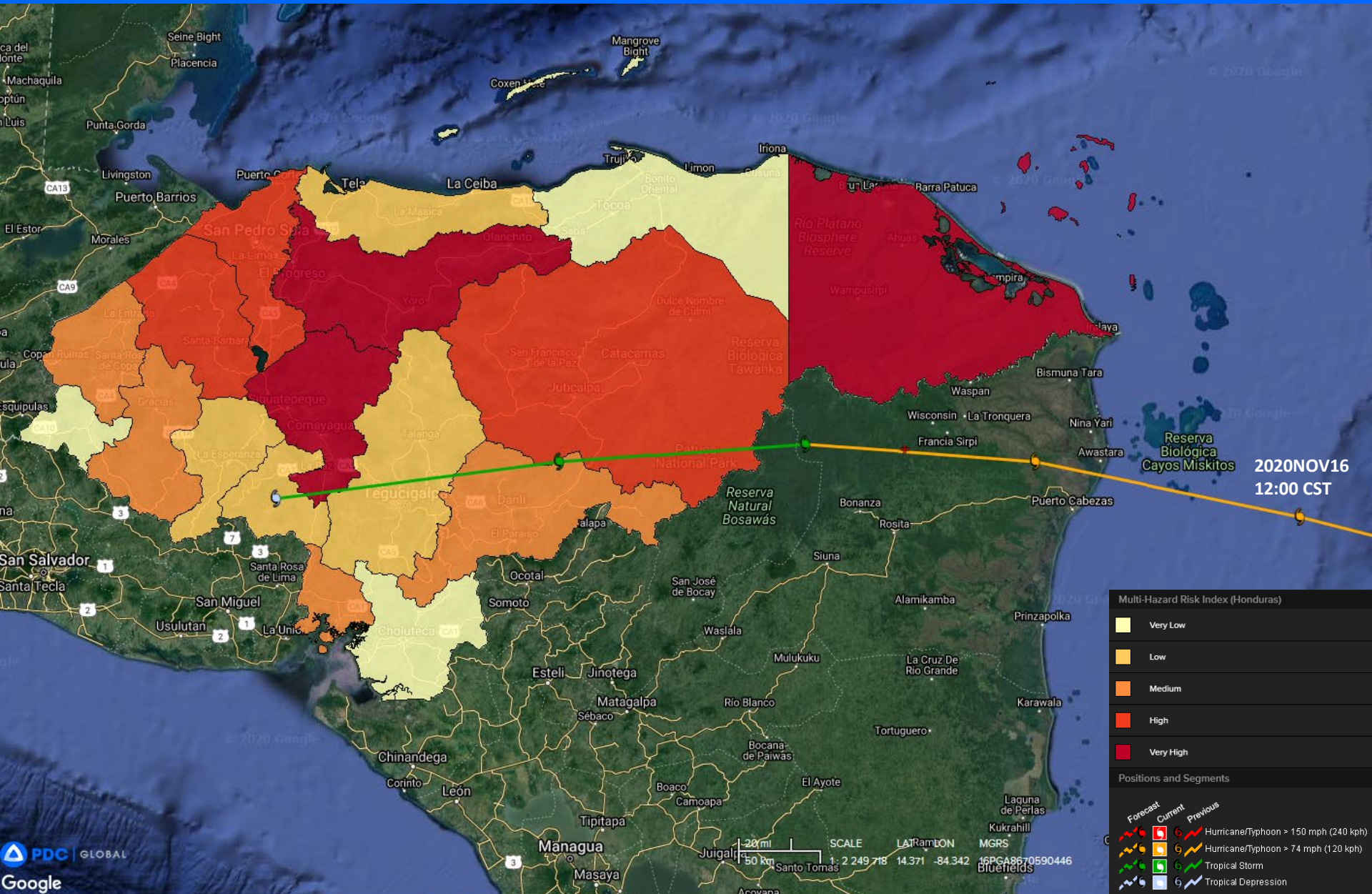
9.9 Million
TOTAL POPULATION

729,876
ELDERLY POPULATION
(60+)

Country	Cases	Deaths	Population	Age 60+	Hospital Beds per 10k Persons	Doctors / Nurses per 10k Persons
Guatemala	114,885	3,932	17.9 Million	1.3 Million	6	3.55 / 8.6
El Salvador	36,358	1,044	6.5 Million	782,086	13	15.69 / 4.1
Nicaragua	5,661	158	6.6 Million	575,438	9	10.06 / 13.8
Belize	4,783	88	397,621	30,363	13	11.26 / 19.6
Honduras	102,079	2,820	9.9 Million	729,876	7	3.14 / 11.3

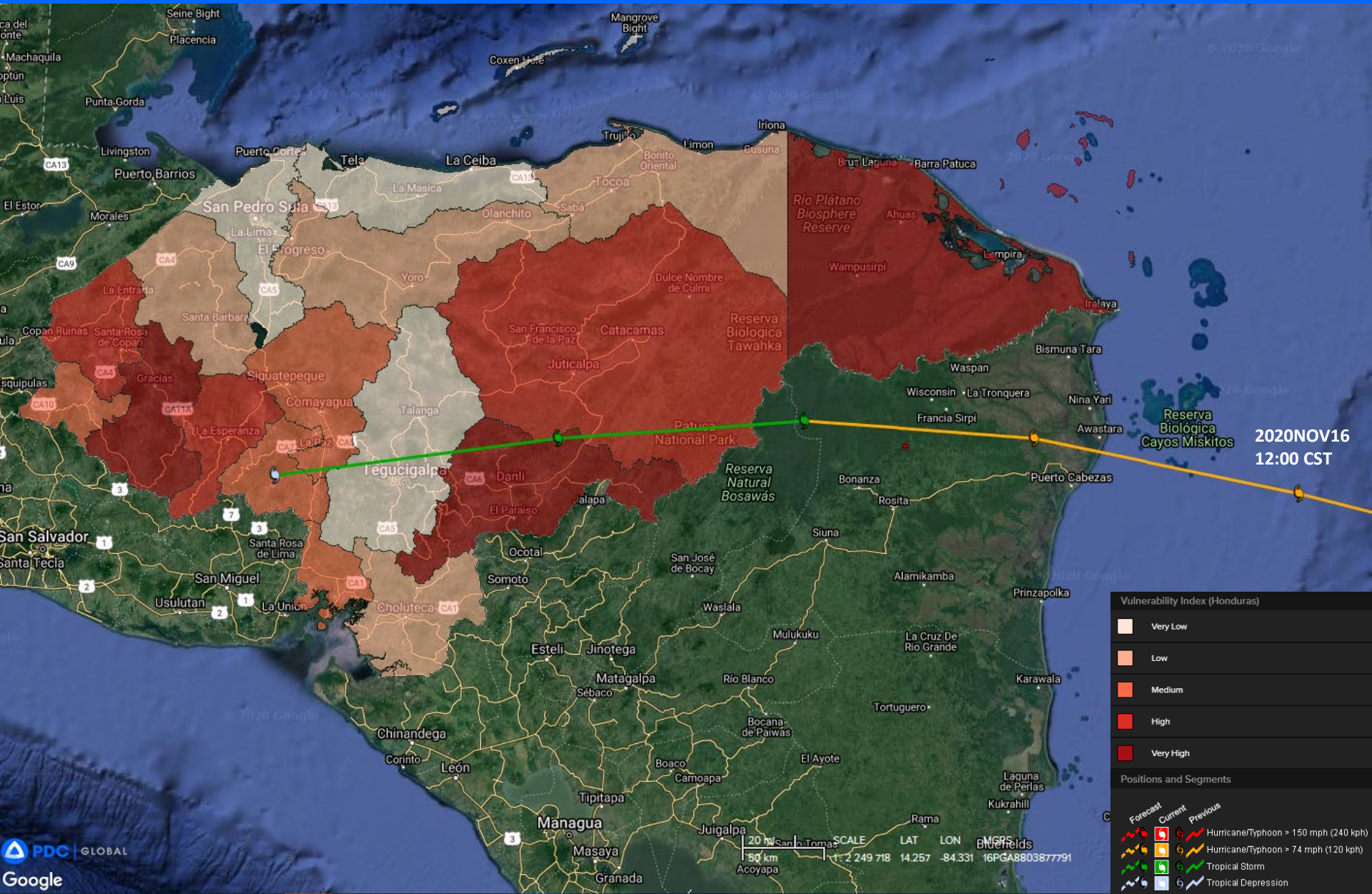
Hurricane Iota – Honduras: Multi-Hazard Risk Index

15 November 2020 2100 UTC (1500 CST)



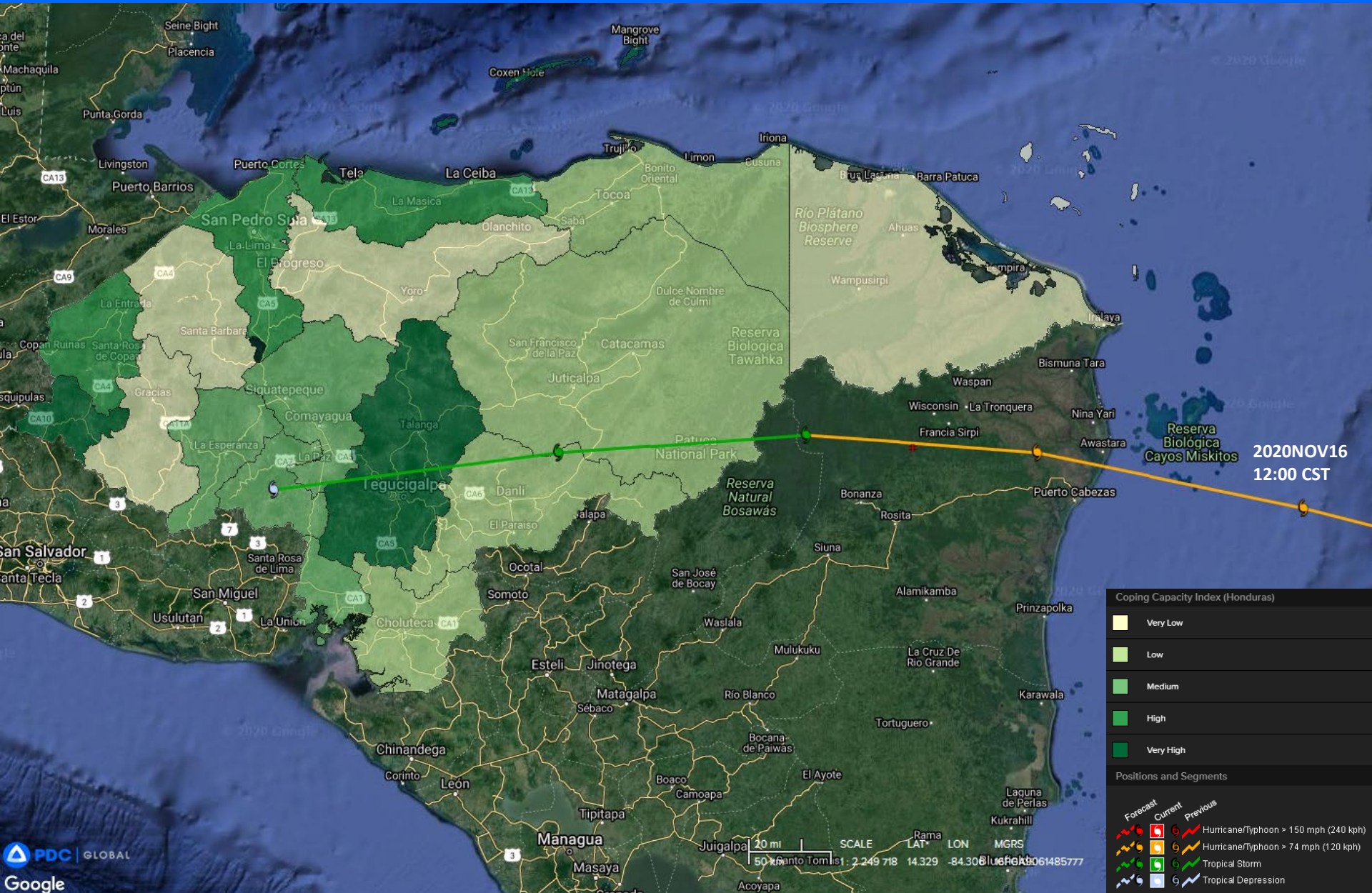
Hurricane Iota – Honduras: Vulnerability Index

15 November 2020 2100 UTC (1500 CST)



Hurricane Iota – Honduras: Coping Capacity Index

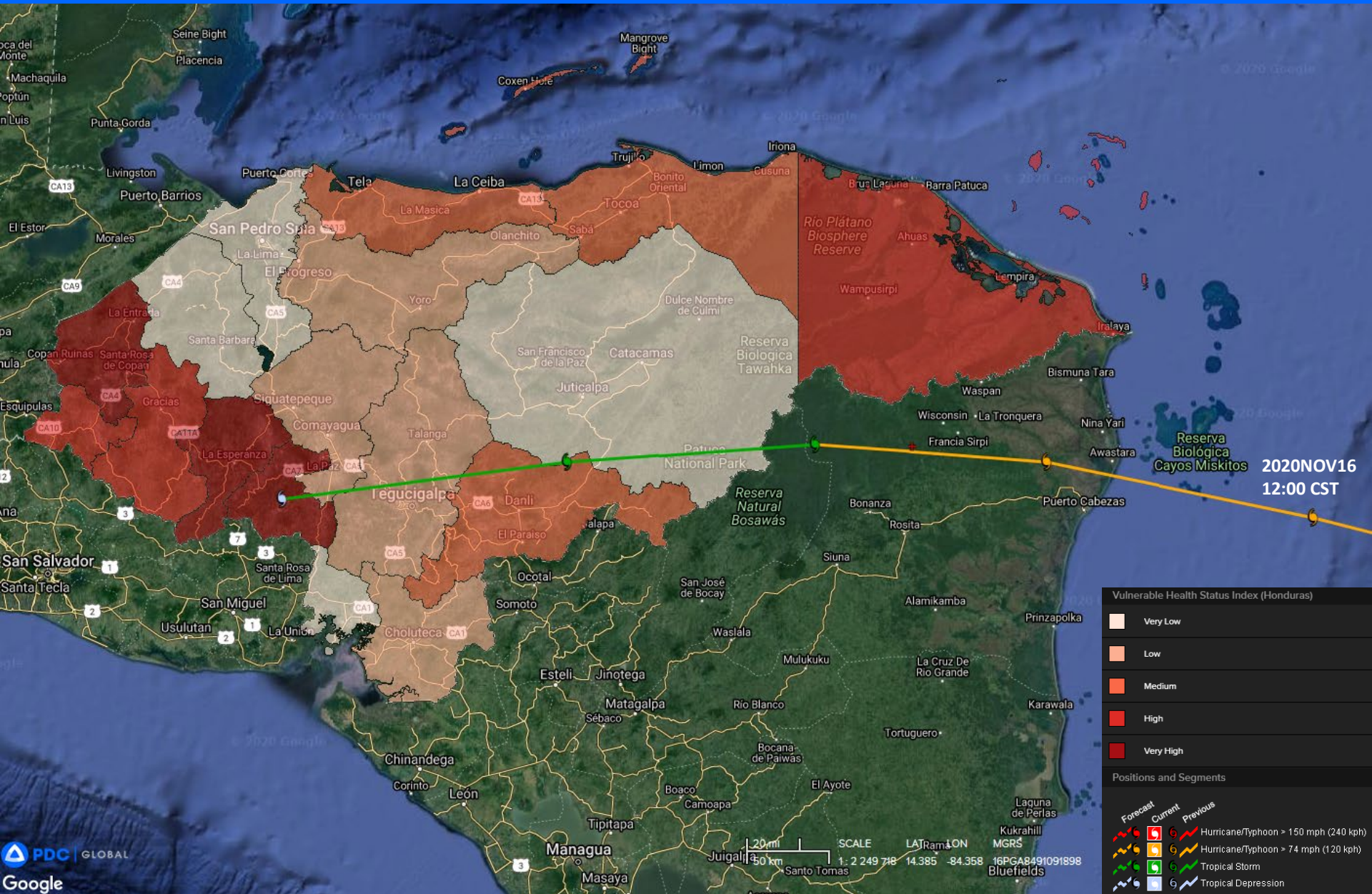
15 November 2020 2100 UTC (1500 CST)



2020NOV16
12:00 CST

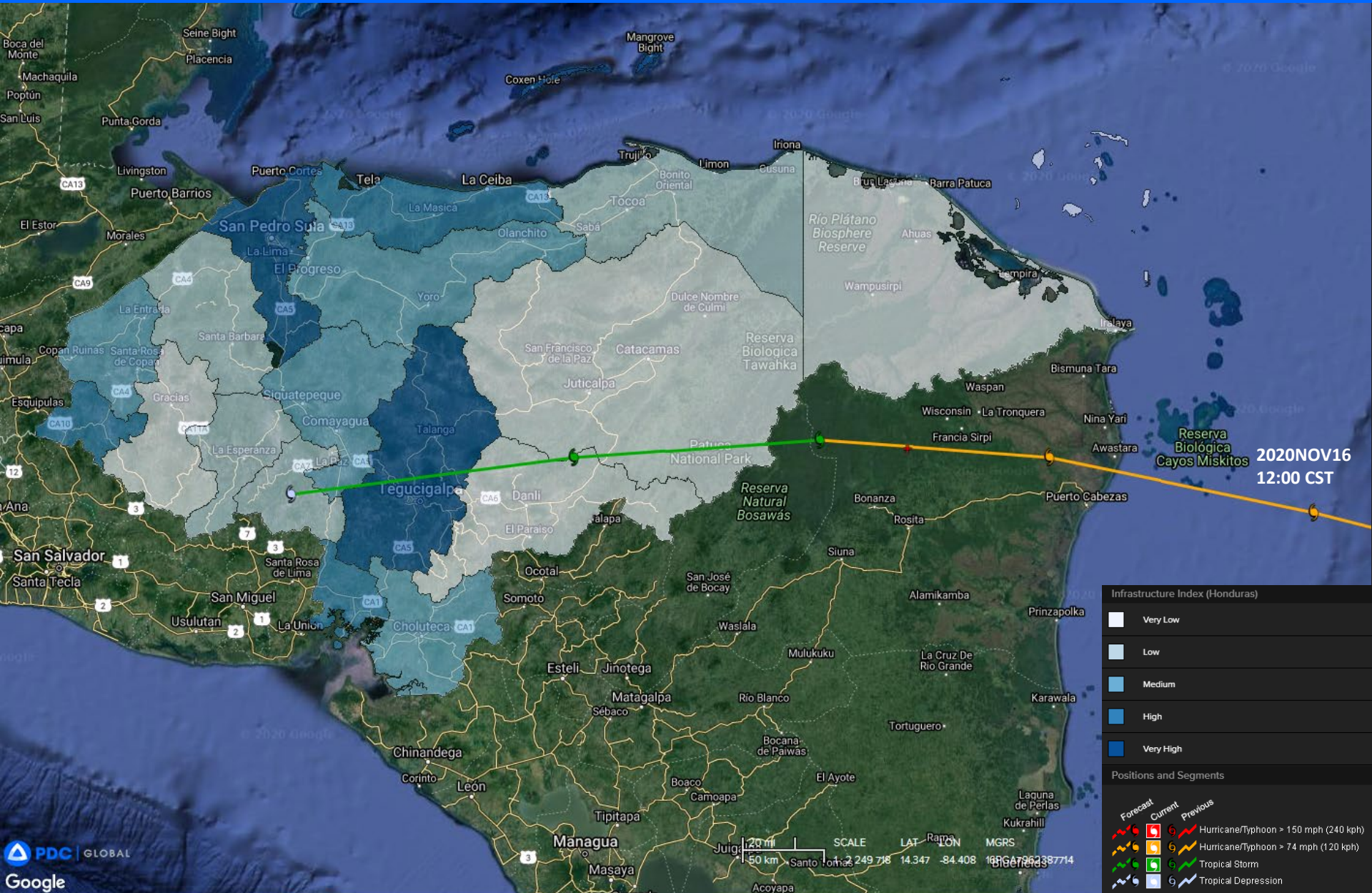
Hurricane Iota – Honduras: Vulnerable Health Status Index

15 November 2020 2100 UTC (1500 CST)



Hurricane Iota – Honduras: Infrastructure Capacity Index

15 November 2020 2100 UTC (1500 CST)



2020 NOV 16
12:00 CST

Hurricane Iota – Honduras: Health Care Capacity Index

15 November 2020 2100 UTC (1500 CST)

