

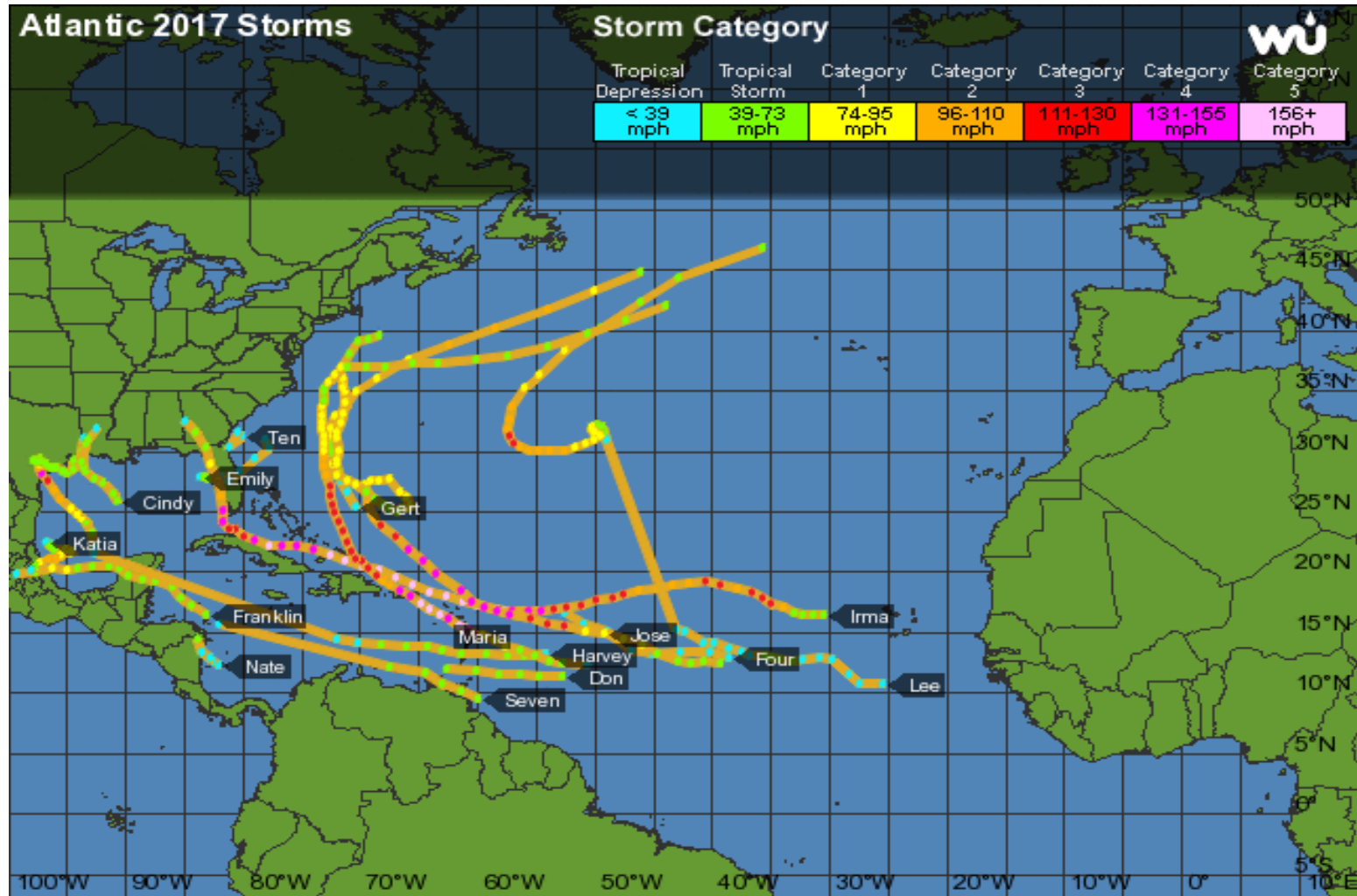
SUMMARY OF TURKS AND CAICOS 2017 HURRICANE REPORT



PRESENTED BY TIFFANY T. HENFIELD
TURKS & CAICOS ISLANDS AIRPORTS AUTHORITY



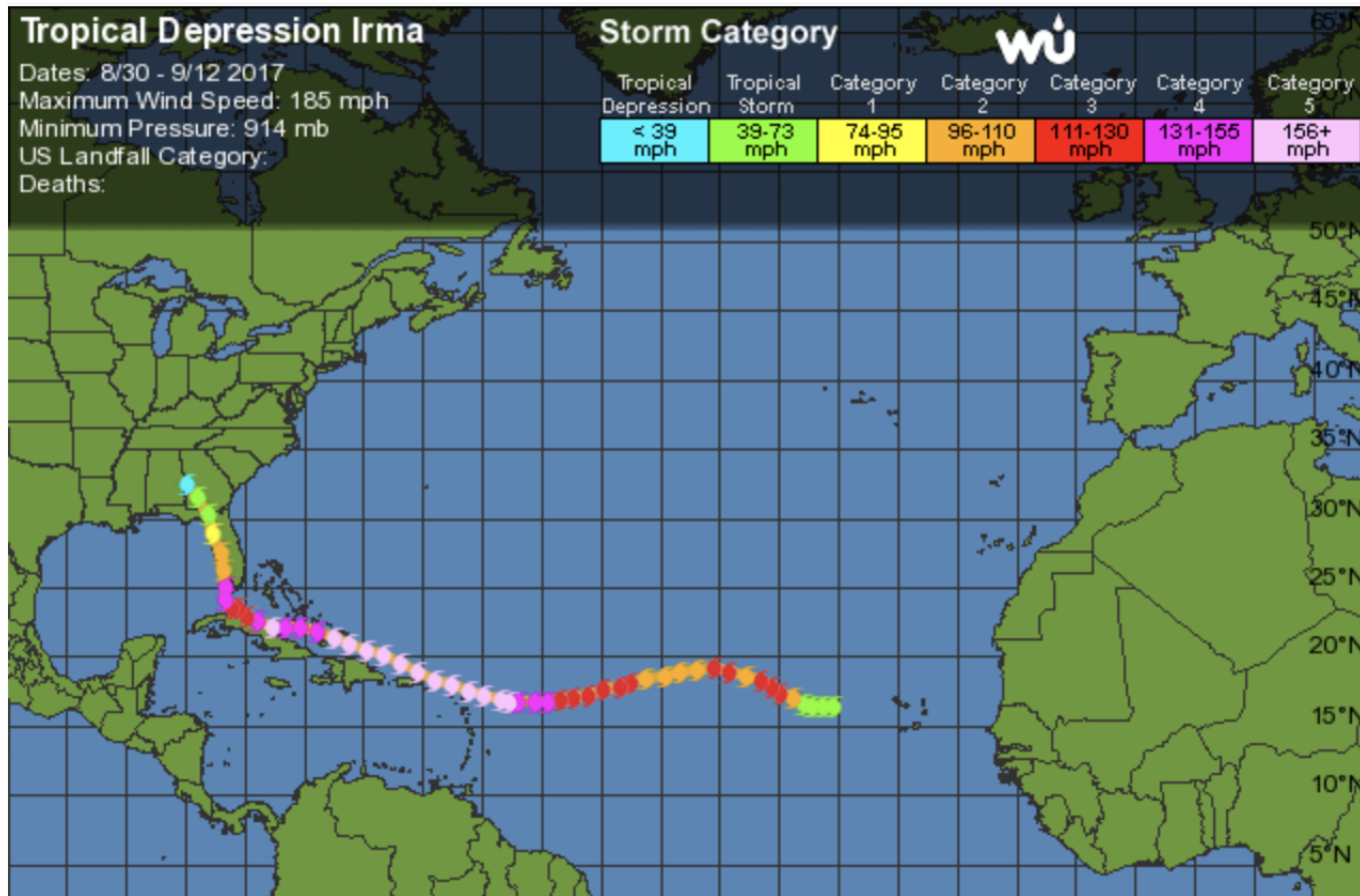
2017 Atlantic Storms



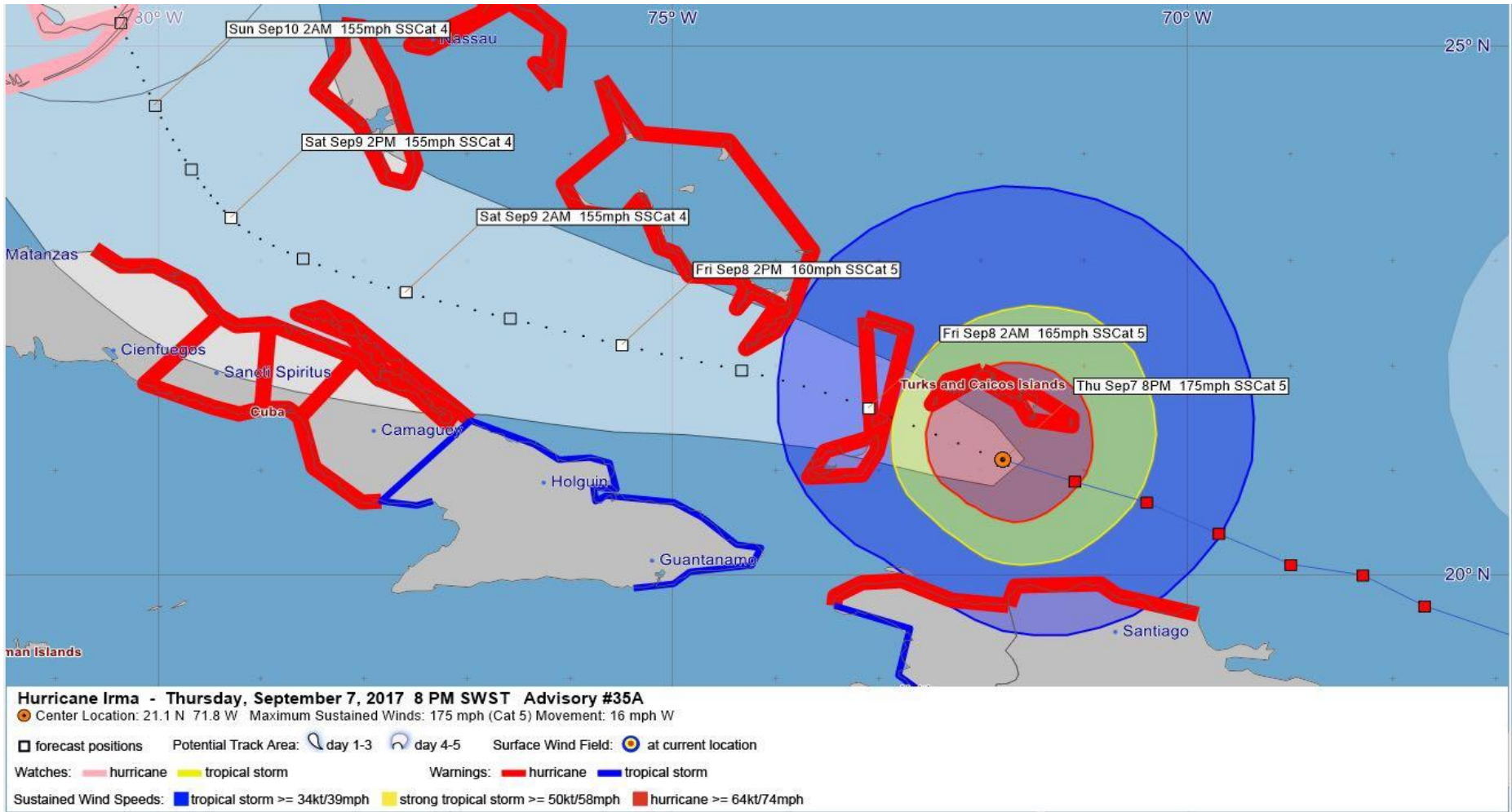
INTRODUCTION

- September 2017 featured Cat 4 Hurricane Jose, Cat 5 Hurricanes Irma and Maria.
- On September 5th The Turks and Caicos Islands were placed under Hurricane watch for Hurricane Irma a Catastrophic Category 5 Hurricane 175 mph / 929 mb.
- The following day on September 6th at 0500LST the Turks and Caicos Islands were upgraded to Hurricane Warning for Irma, at 610 MI ESE of the islands with winds of 185 mph and 914 mb .

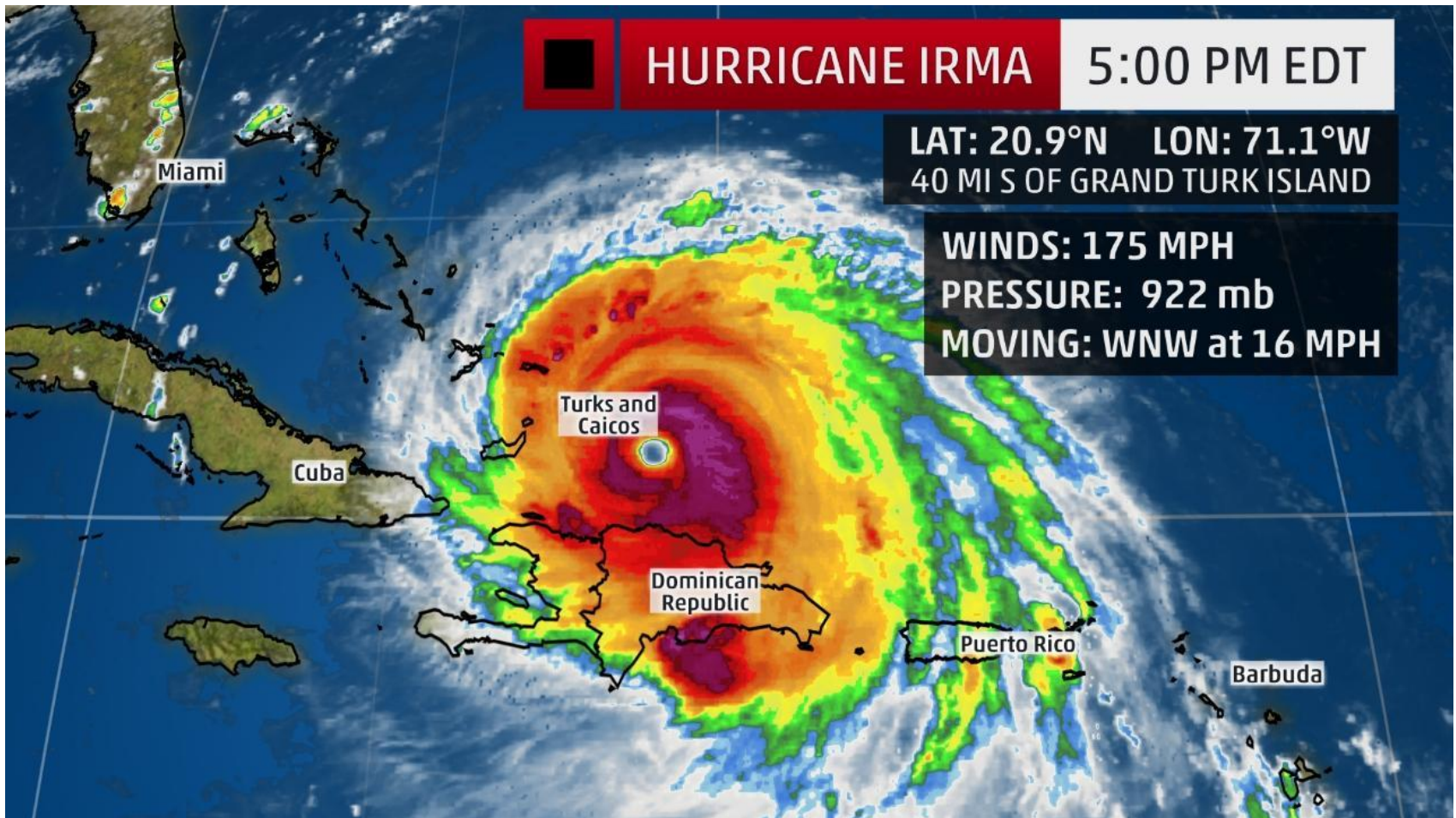
COMPLETE PATH OF HURRICANE IRMA



HURRICANE IRMA'S TRACK THROUGH THE ISLANDS



SATELLITE IMAGERY OF HURRICANE IRMA



OVERVIEW

- The Turks and Caicos Islands suffered a hit by two major hurricanes within a short period of time.
- Hurricane Irma impacted the islands over a period of 24 hours beginning on September 7th to September 8th 2017.
- Irma took a direct path for the TCI and every island in the chain was affected by this catastrophic Cat 5 hurricane.

OVERVIEW CONT'D

- Hurricane Irma brought with it torrential rainfall and HFW of 154 mph gusting to 225 mph, leaving in its wake major flooding in many communities along with vast devastation from the wind.
- The center of Hurricane Irma passed within 50 MI to the S of the Turks and Caicos Islands as a Cat 5 Hurricane passing closest to Providenciales at 30 MI

OVERVIEW CONT'D

- Utilities (electricity and water) were disrupted during and after the passage of the Hurricane.
- Communications, locally and internationally were disrupted causing massive panic.
- There was damage to 65% of the buildings throughout the Islands, where 100s of persons lost their homes, with no lost of life.
- Grand Turk, Salt Cay and South Caicos suffered extensive damage and was declared a State of Emergency.

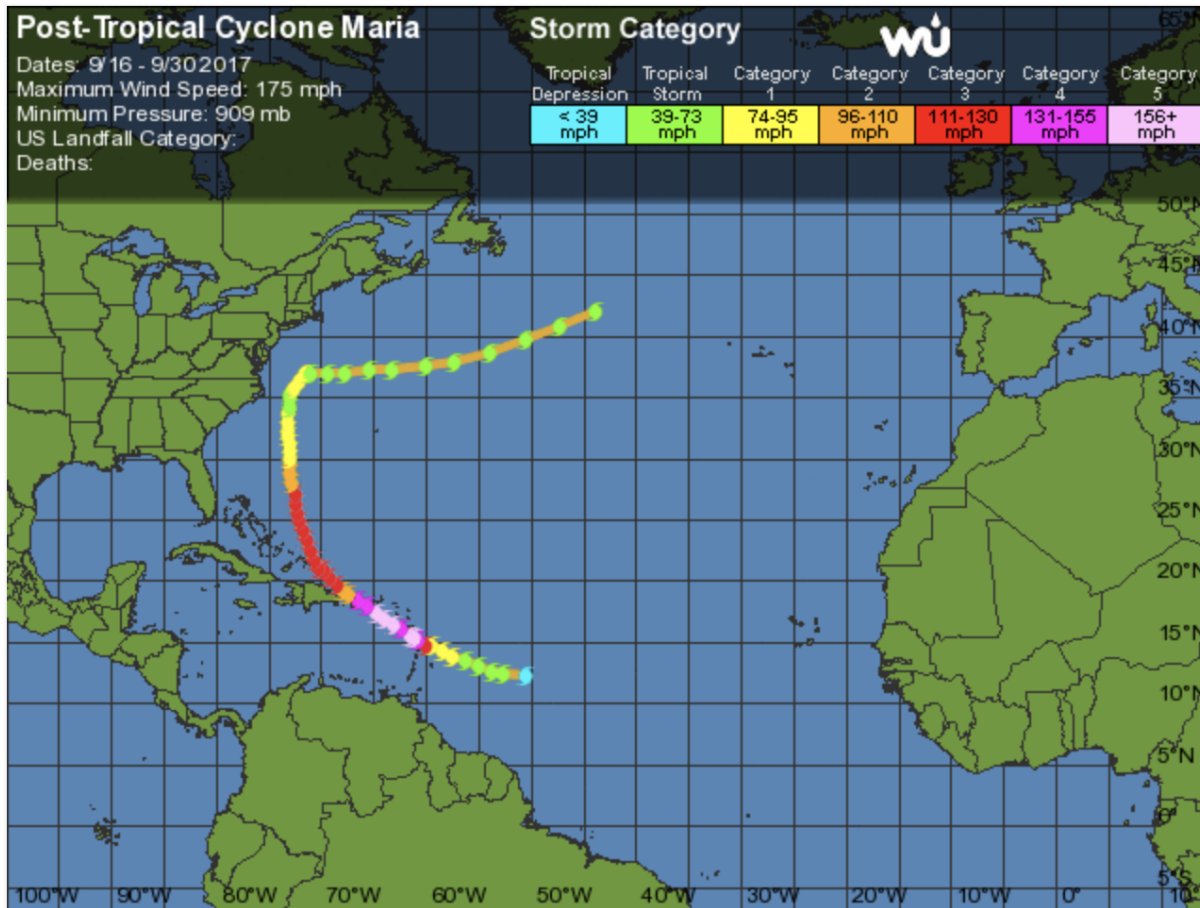
IMPACTS OF HURRICANE IRMA



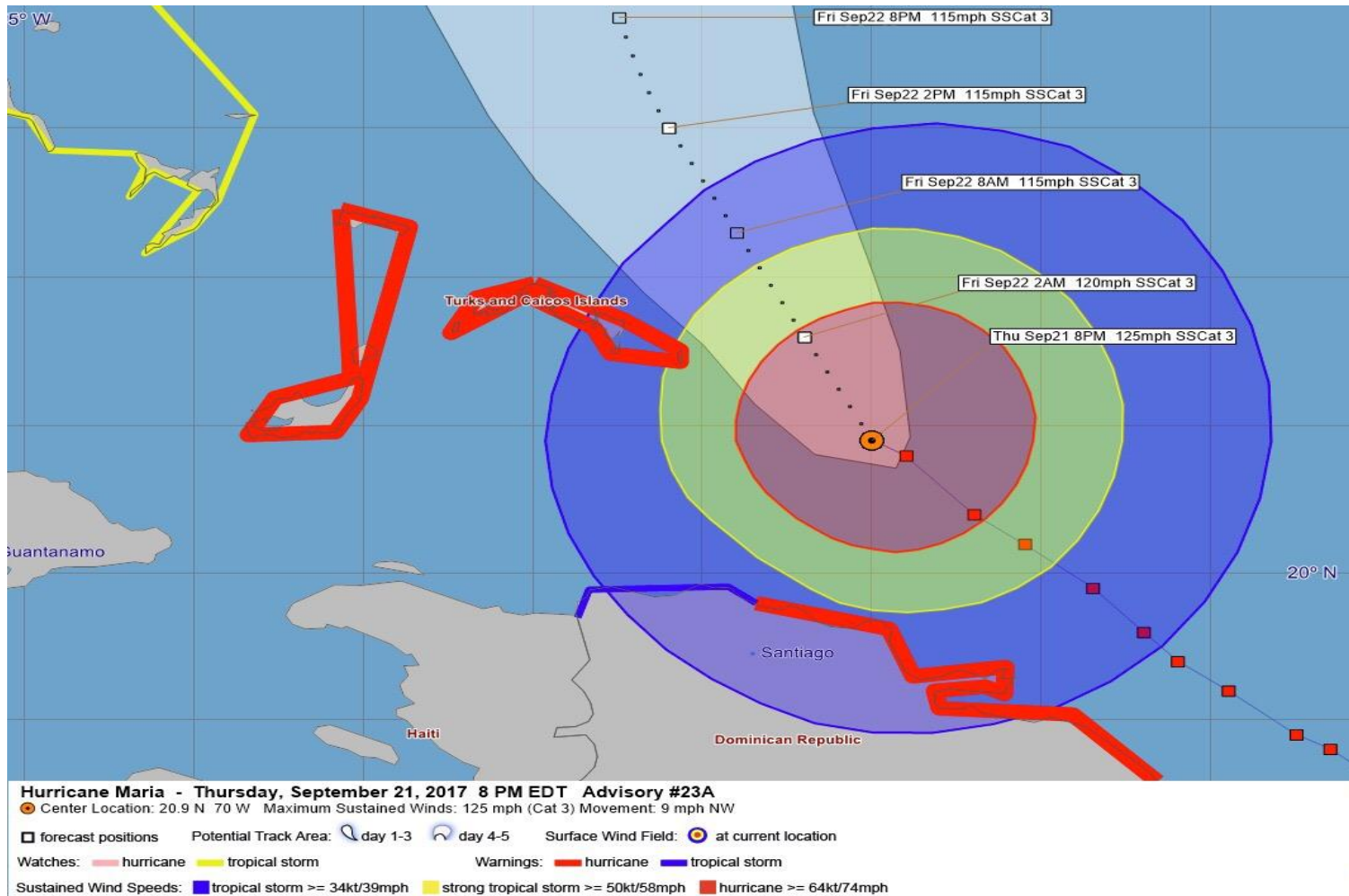
IMPACTS OF HURRICANE IRMA



COMPLETE PATH OF HURRICANE MARIA



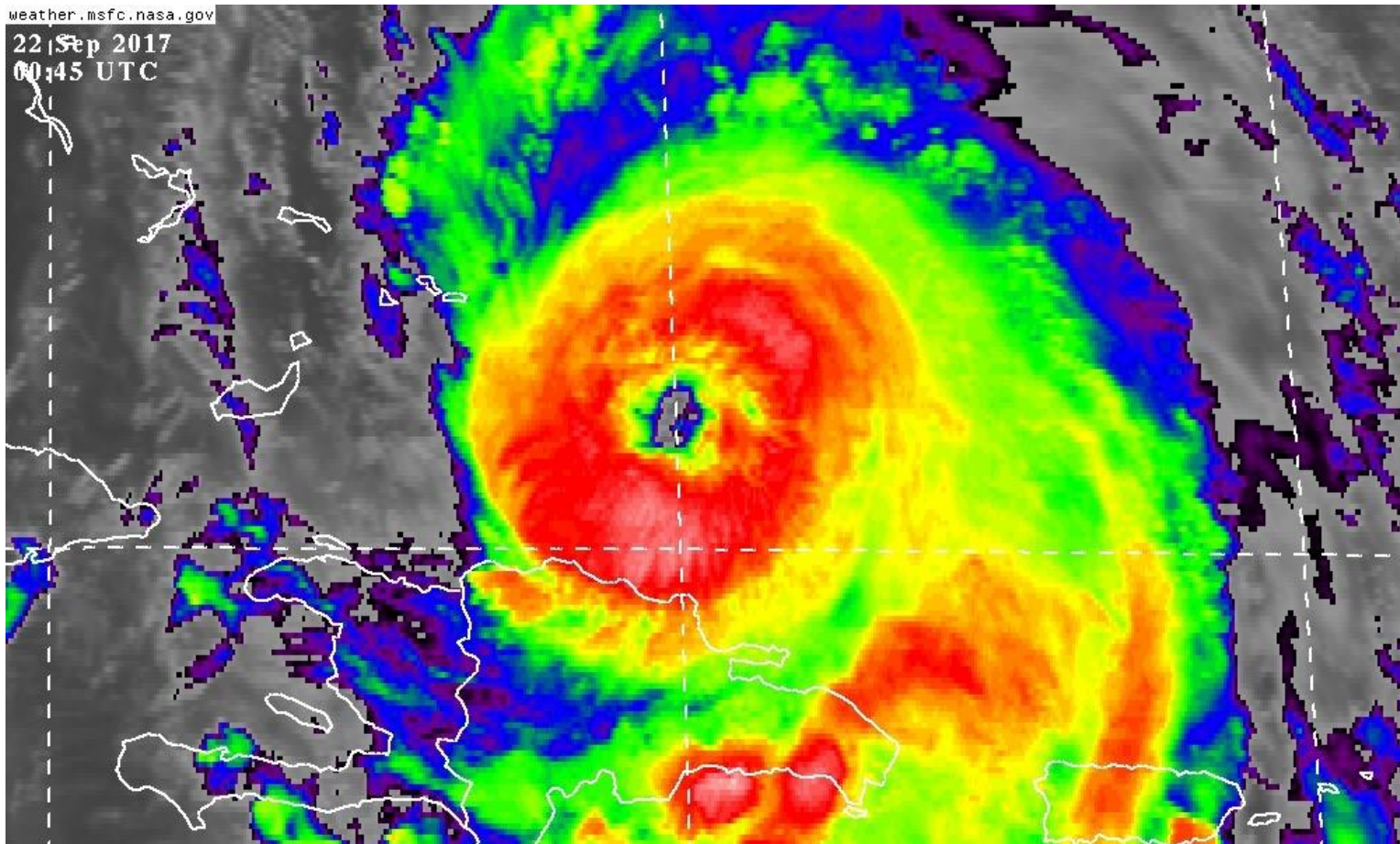
HURRICANE MARIA'S TRACK THROUGH THE ISLANDS



OVERVIEW

- On September 19th, the Turks and Caicos Islands were placed under Hurricane Watch for Hurricane Maria, at 569 E of the islands, another catastrophic hurricane packing winds of 165mph and 934 mb.
- The Turks and Caicos Islands were upgraded to Hurricane Warning on September 20th and the country went into full alert.

SATELLITE IMAGERY FOR HURRICANE MARIA



OVERVIEW OF MARIA

- On September 22nd, Hurricane Maria passed 38 MI to the west of Grand Turk and Salt Cay and North of South Caicos as a Cat 3 Hurricane.
- After passing the Turks Islands, Maria made a turn to the north and the Caicos Islands were not impacted by the storm.

OVERVIEW CONT'D

- Whilst we know that Maria was a catastrophic hurricane, which produced torrential downpours and HFW, we face challenges when trying to assess the damage it caused because most of it was pre existing from Hurricane Irma.

IMPACTS OF HURRICANE MARIA



RECOVERY



RECOVERY & RELIEF

- Following the passage of both Hurricanes, the Recovery and relief process began as the need for basic infrastructure grew.
- The United Kingdom and Bermudian Military and Armed forces arrived along with Humanitarian groups.
- There were also utility crews from Canada and the region that came to assist.

LESSONS LEARNED

- Enhanced Preparation, plan for the worse and hope for the best.
- Adequate insurance coverage.
- Central Location to meetup after the storm
- Up to date Staff resident call log
- Backup Communication e.g Satellite radios
- PR Campaign
- Stored supplies Water/Ice
- Fuel up all vehicles in advance.

