HURRICANE MARIA

Early on Wednesday, September 20, Hurricane Maria – a powerful Category 4 hurricane with 150 mph winds – made direct landfall on Puerto Rico, bisecting the entire island and drenching it with feet of rain.

What's happened since has been truly catastrophic for Puerto Rico.

Brian Resnick and Eliza Barclay
October 16, 2017

HURRICANE MARIA, 20 SEPT 2017

Maria totally engulfed Puerto Rico on September 20. | NASA Earth Observatory images by Joshua Stevens

km
10

INTERNATIONAL INSTITUTE OF TROPICAL FORESTRY

THE US FOREST SERVICE

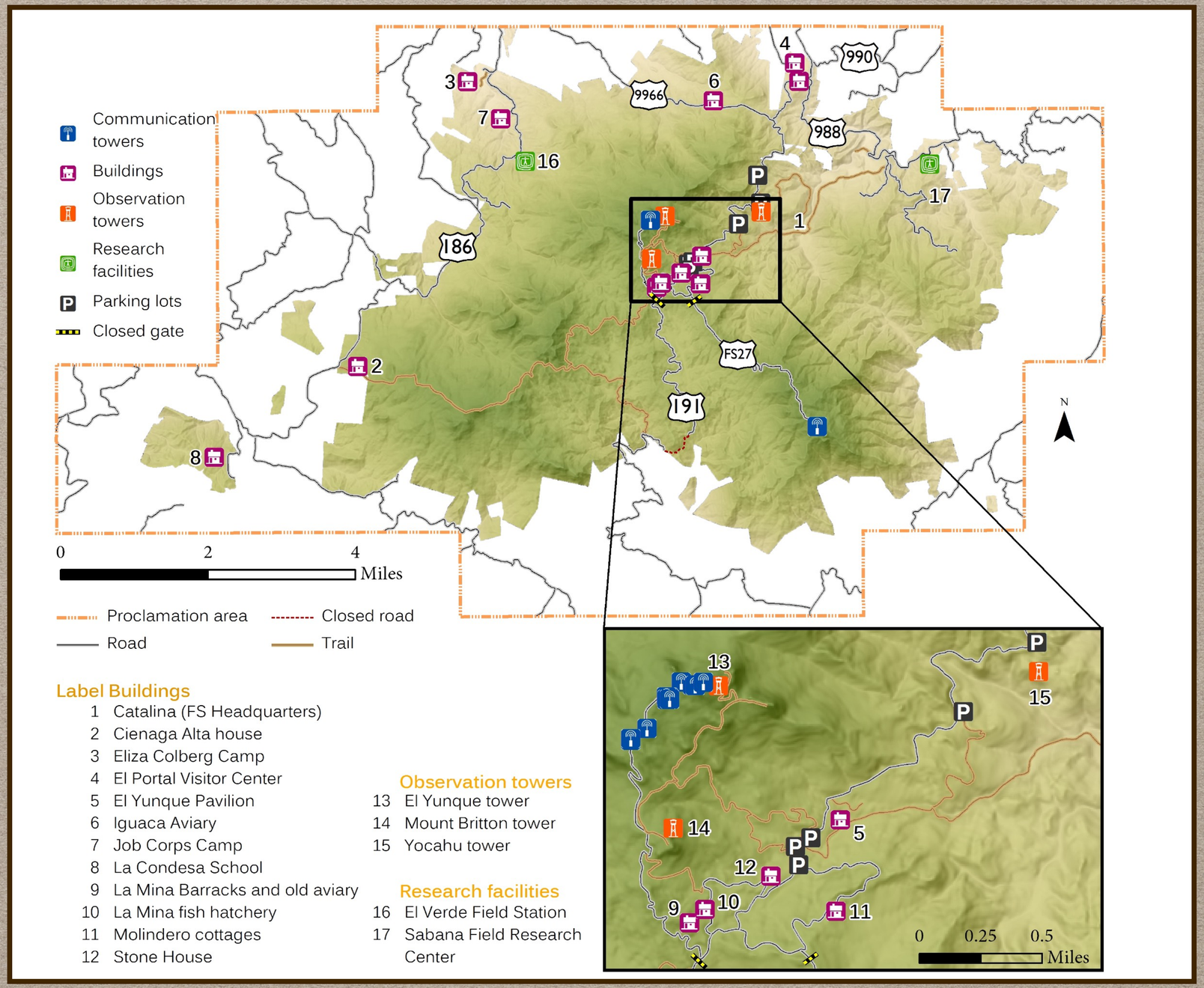
INTERNATIONAL INSTITUTE OF TROPICAL FORESTRY

PRESENTS

THE NAKED LANDSCAPE

HURRICANES IRMA AND MARIA IN THE LUQUILLO EXPERIMENTAL FOREST / EL YUNQUE NATIONAL FOREST

N
Atlantic Ocean
Desecheo
Culebra
Vieques
Municipalities of Puerto Rico
El Yunque National Forest
Municipalities of El Yunque
Municipalities
Caribbean Sea
0
20
40
Miles
Atlantic Ocean
Caribbean Sea



Label Buildings

1 Catalina (FS Headquarters)
2 Cienaga Alta house
3 Eliza Colberg Camp
4 El Portal Visitor Center
5 El Yunque Pavilion
6 Iguaca Aviary
7 Job Corps Camp
8 La Condesa School
9 La Mina Barracks and old aviary
10 La Mina fish hatchery
11 Molindero cottages
12 Stone House

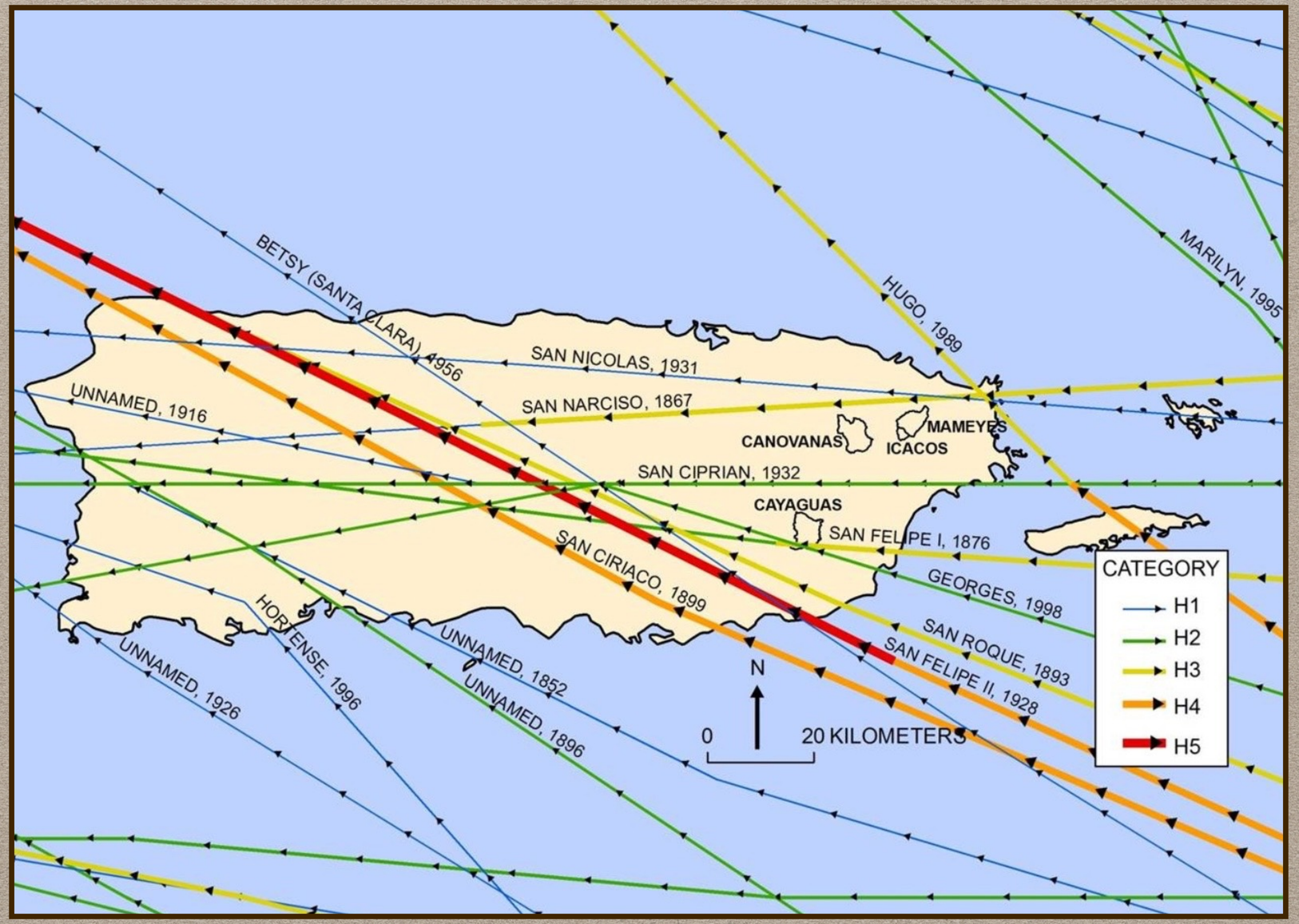
Observation towers

13 El Yunque tower
14 Mount Britton tower
15 Yocahu tower

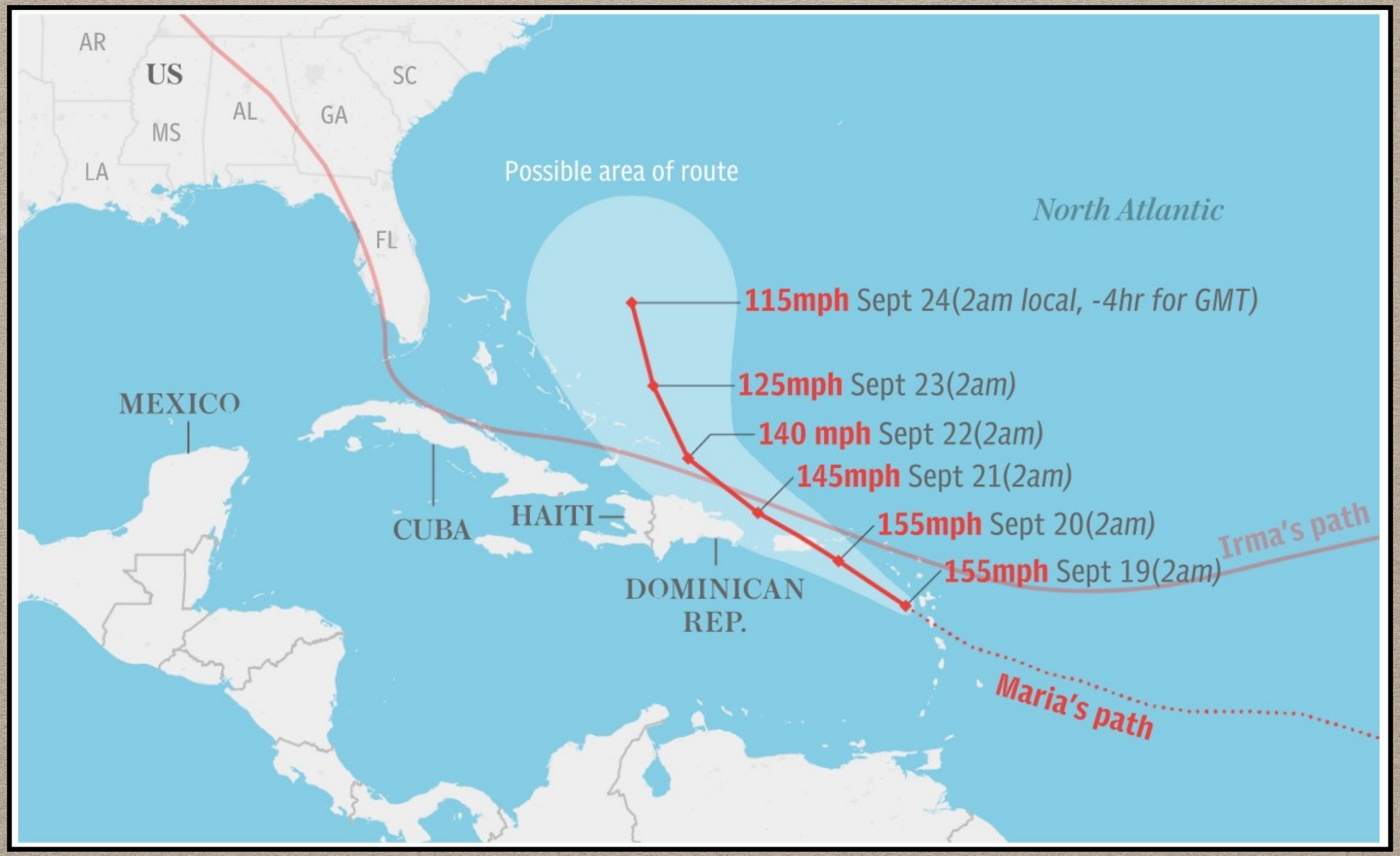
Research facilities

16 El Verde Field Station
17 Sabana Field Research Center

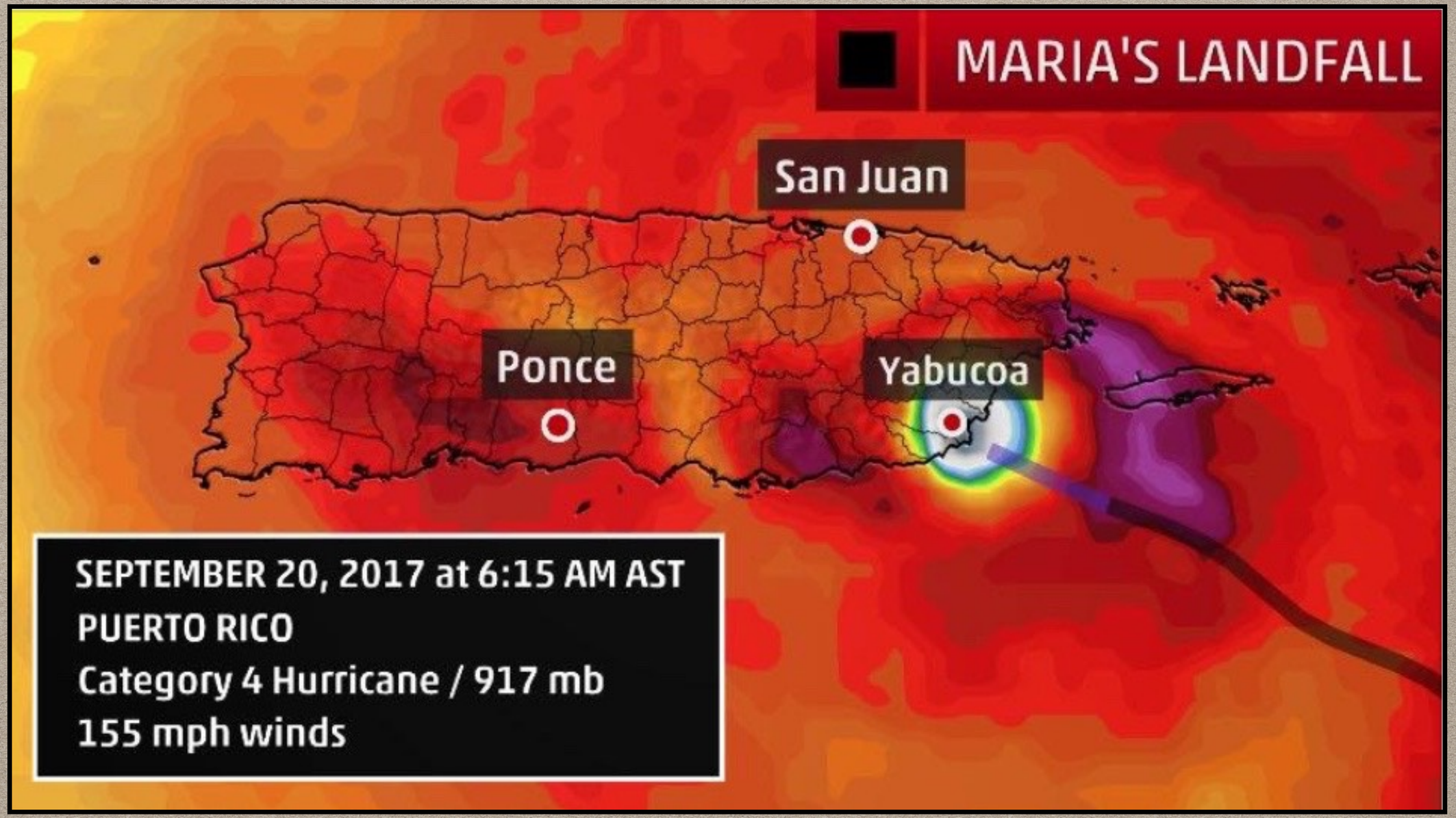
PUERTO RICO HURRICANES



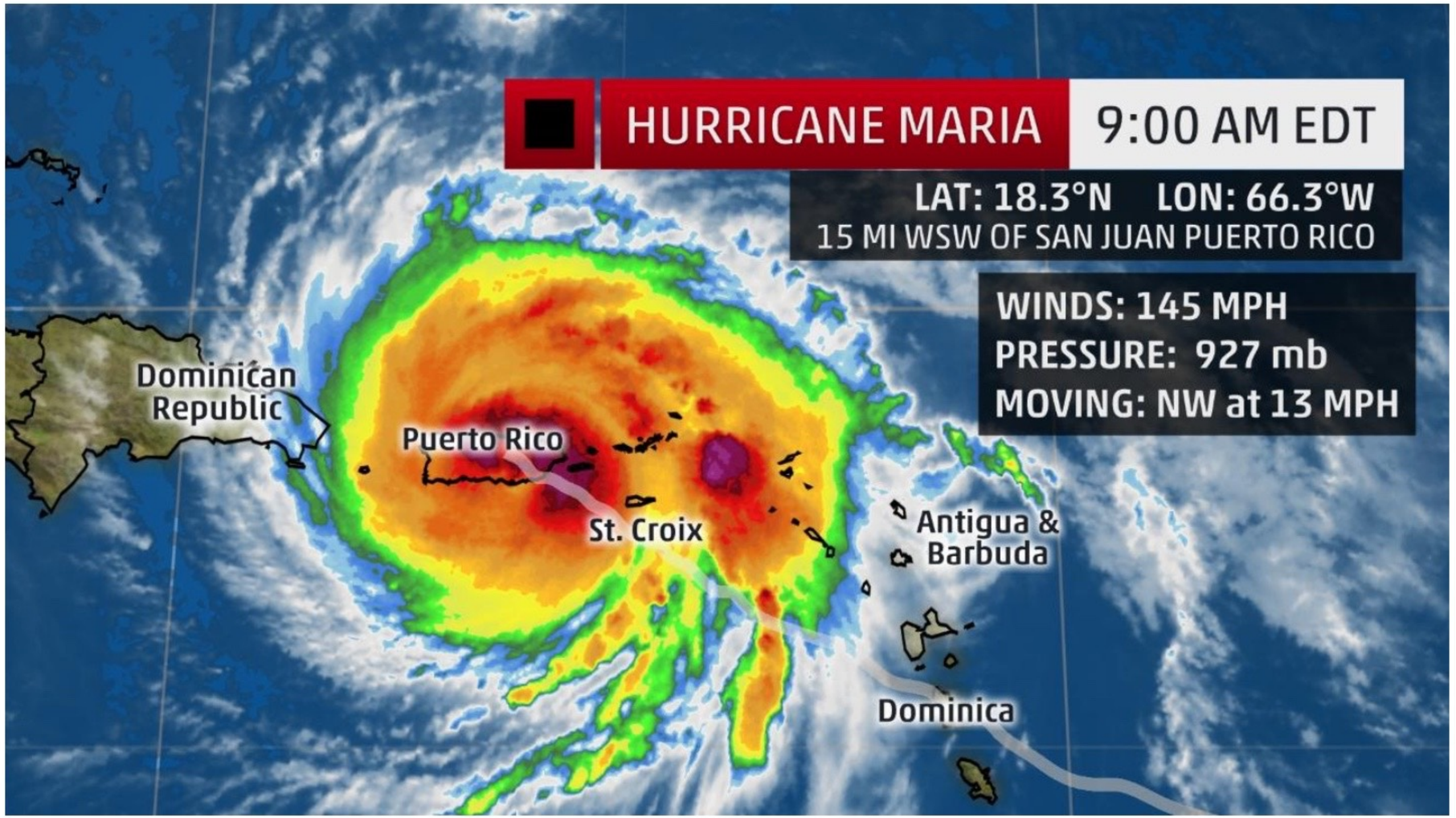
HURRICANE MARIA, 20 SEPT 2017



HURRICANE MARIA, 20 SEPT 2017



HURRICANE MARIA, 20 SEPT 2017



Current Storm Status

The highest cloud tops, corresponding to the most vigorous convection, are shown in the brightest red colors. Clustering, deep convection around the center is a sign of a healthy tropical cyclone.

HEADQUARTERS IITF

EASTERN PUERTO RICO

Pitahaya
Boqueron
SALIDA 1/2

DISTRITO 45 LUQUILLO
AREA FAJARDO
ESTATAL
POLICIA
9470

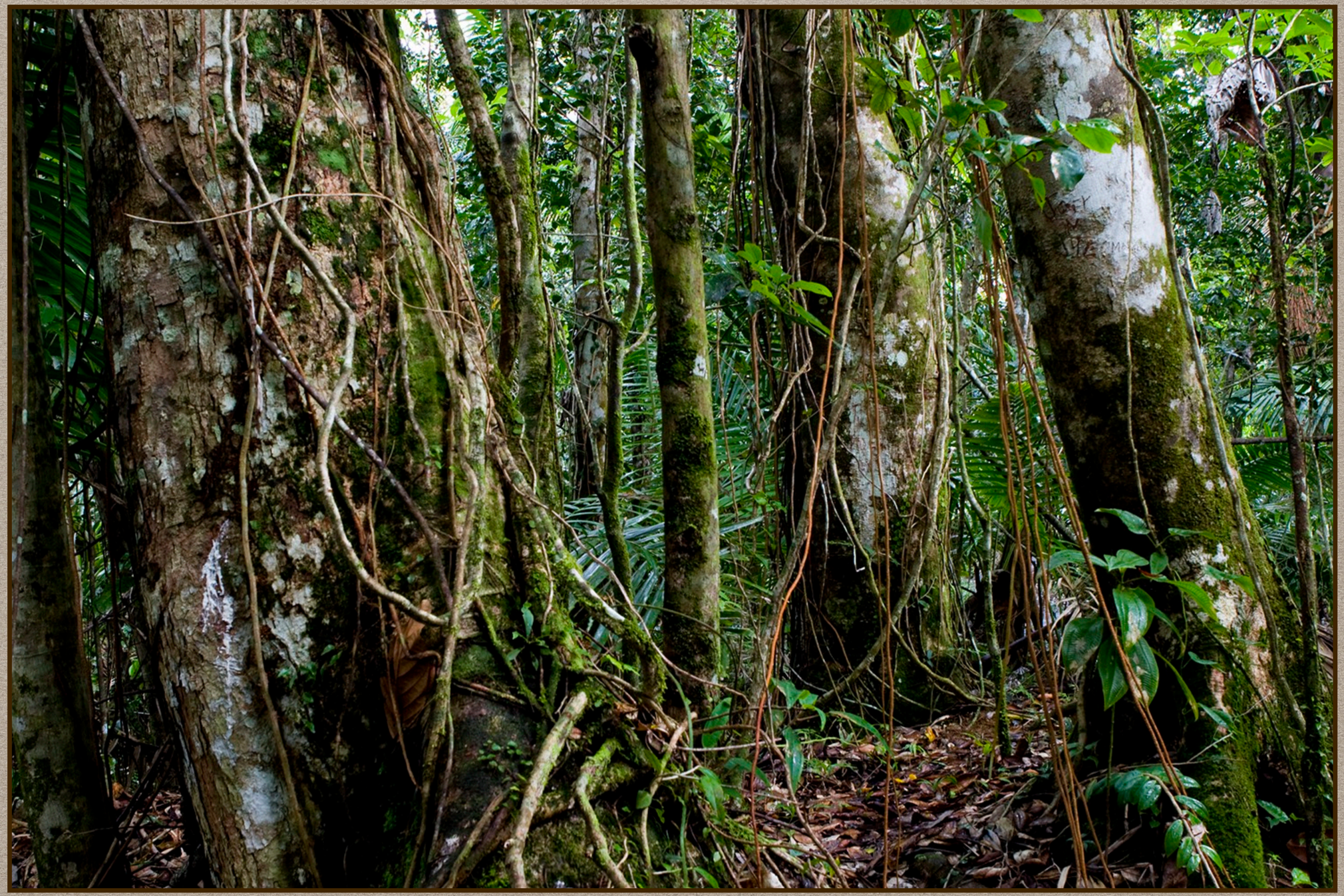
LO NATURAL
AMIGO

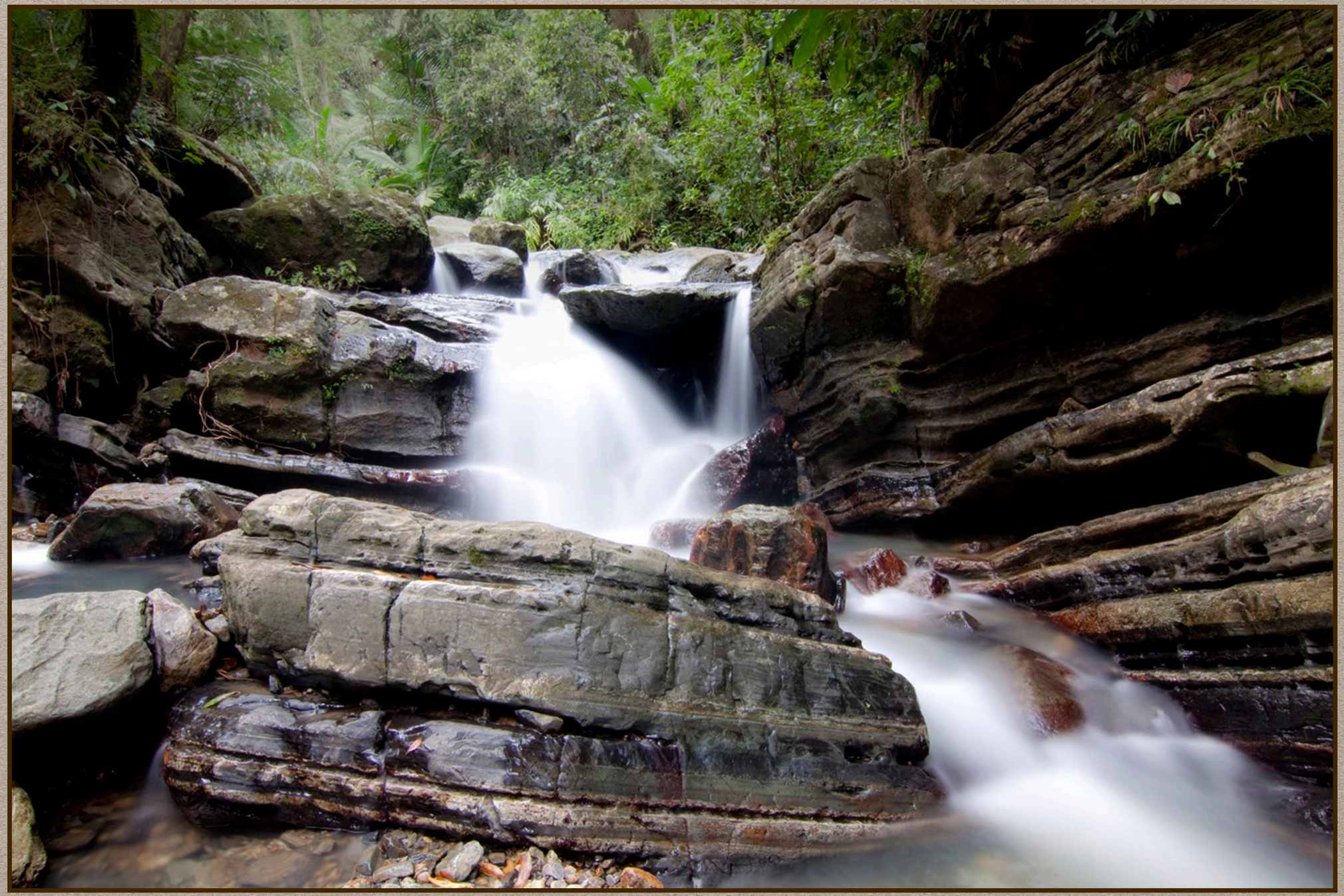
VENTANILLA DE
ORIENTACION

LA LOMA
AHORA
DESDE
$121,000
249-9049
lalomafajardo

99
Sabana
LUQUI LO

• LUQUILLO EXPERIMENTAL FOREST •
• EL YUNQUE NATIONAL FOREST •





HURRICANE HUGO 12 OCT 1989
EL YUNQUE PEAK FROM BISLEY WATERSHED

HURRICANE HUGO ? FEBRUARY 1990
EL YUNQUE PEAK FROM BISLEY WATERSHED

• HURRICANES IRMA AND MARIA •

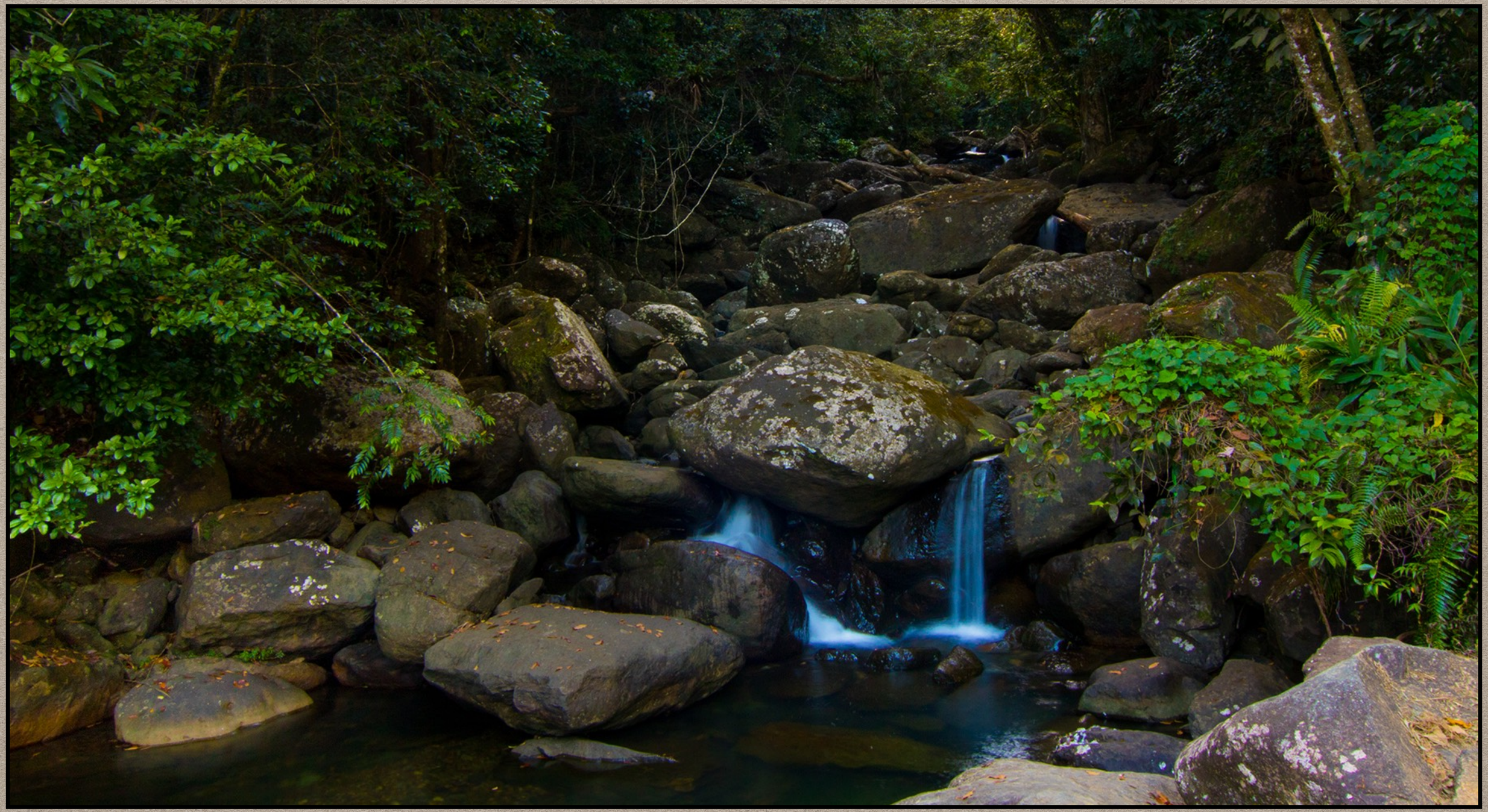
CLOSED
Forest
U.S. DEPARTMENT OF AGRICULTURE

FOREST SERVICE
US
DEPARTMENT OF AGRICULTURE

• LUQUILLO EXPERIMENTAL FOREST •
• EL YUNQUE NATIONAL FOREST •

Árboles
Campeones
espécimen de mayor
tamaño conocido en
Puerto Rico
para la
Naturaleza
una unidad del Fideicomiso
de Conservación de Puerto Rico
INTERNATIONAL
INSTITUTE OF TROPICAL FORESTRY

• BEFORE • AFTER •



km
10

THE NAKED LANDSCAPE

CREDITS

Production
- Jerry Bauer

Graphic Design
- Jerry Bauer

Photography
- Jerry Bauer
- Bienvenida Nina

Technical Assistance
- Dr. Wayne J. Arendt, US Forest Service, International Institute of Tropical Forestry