



Koninklijk Nederlands
Meteorologisch Instituut
Ministerie van Infrastructuur en Waterstaat

Temporada di orkan 2021

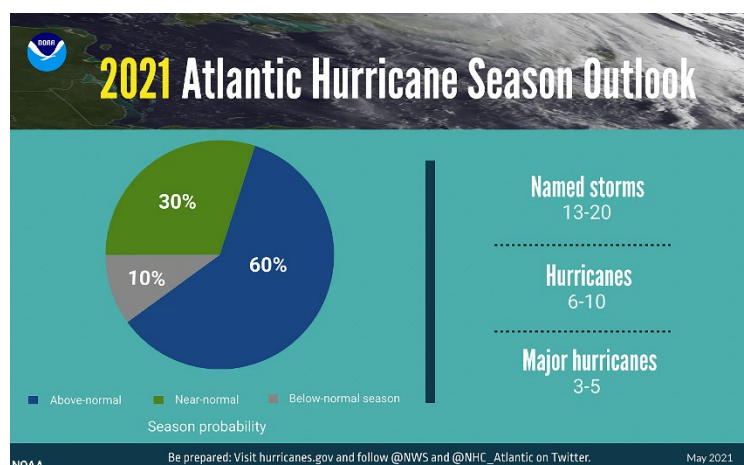
Hulanda Karibense

E temporada durante kua por surgi orkan den Oséano Atlántiko ta dura ofishalmente di promé di yùni t/k 30 di novèmber. Mayoria aktividat ta tuma lugá normalmente den e lunanan ougùstùs, sèptèmber i òktober.

NOAA ta ferwagt ku e temporada di orkan akí lo ta riba promedio den término di aktividat. Esaki ta nifiká mas òf ménos 13-20 tormenta, di kua 6-10 lo krese bira orkan i di esakinan 3-5 lo bira un orkan grandi (kategoria 3, 4 òf 5). Den un temporada promedio di orkan ta surgi 14 tormenta ku ta haña nòmber, di kua 7 lo krese i bira un orkan, di nan 3 ta orkannan grandi (kategoria 3,4 5). Wak pa e espektativa kompletu di e temporada:

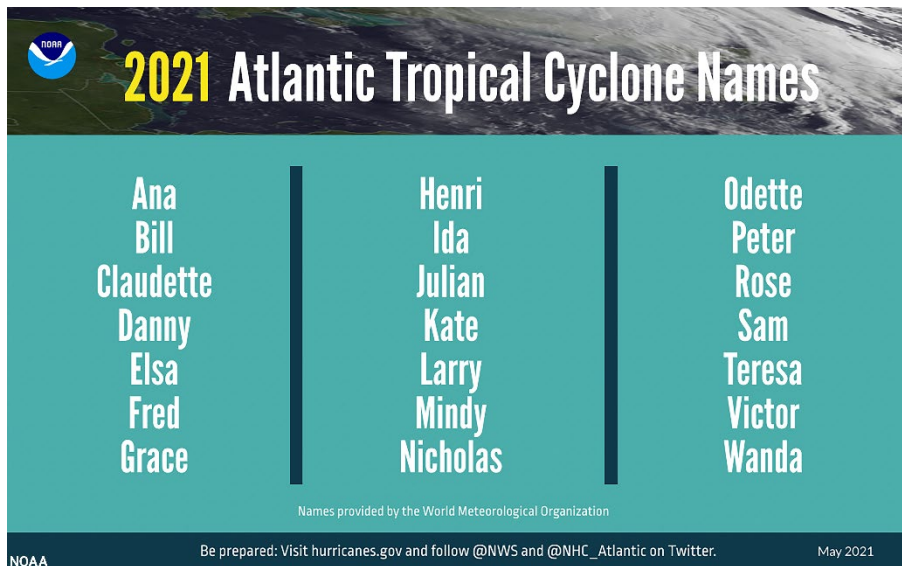
<https://www.noaa.gov/media-release/noaa-predicts-another-active-atlantic-hurricane-season>

<http://www.cpc.ncep.noaa.gov/products/outlooks/hurricane.shtml>



Probabilidad temporada di orkan i kantidat di tormentanan. (NOAA)

Dunamentu di nòmber na orkan- i tormentanan tropikal pa 2021 ta lo siguiente:



Nòmbernan pa e temporada di orkan 2021. (NOAA)

E sistema di atvertensia

E sistema di atvertensia ku KNMI ta usa pa orkan- i tormentanan tropikal konosé 5 fase.

Fase	Definishon:
	No tin menasa.
Informashon --- <i>Sea alerta</i> ---	Un tormenta tropikal òf orkan ta forma un posibel menasa den e siguiente 48 te 72 oranan.
Watch (Alerta) --- <i>Prepará bo mes</i> ---	Tin posibilidat pa kondishonnan di tormenta tropikal òf bientunan di orkan den e próksimo 48 oranan.
Warning (Atvertensia) --- <i>Protehá bo mes</i> ---	Ta spera bientunan di tormenta tropikal òf orkan den e próksimo 36 oranan.
Strike (Impakto) --- <i>Buska lugá di skonde</i> ---	Ta spera bientunan di tormenta tropikal òf orkan den 6 te 9 ora.
Advisory (Aviso) --- <i>Sea kouteloso</i> ---	Ta spera yobida pisá i/òf laman brutu, pero sin bientunan di tormenta tropikal òf orkan.

Liña di guia: *probabel* ta $\geq 10\%$ posibilidat, *espektativa* ta $\geq 50\%$ posibilidat.

Durante e fase di informashon KNMI ta emití un *'Tropical Cyclone Bulletin'* 2 bia pa dia. Durante e fasanan di alerta i atvertensia (di impakto) esei ta 4 bia pa dia. Ta inisiá e fasanan di alerta i atvertensia den kooperashon ku National Hurricane Center (NHC). Un Tropical Cyclone Bulletin ta deskribí e atvertensianan emití, e Key Messages (informashon mas importante), den kua ta deskribí e espektativa pa loke ta trata bientu, presipitashon i kondishonnan di laman mas amplio.

Wèpsaitnan importante

National Hurricane Center: <http://www.nhc.noaa.gov>

Espektativa- i atvertensianan di KNMI: <https://www.knmidc.org>

Ehèmpel: Tropical Cyclone Bulletin

TROPICAL CYCLONE BULLETIN NO. 10

WARNING MESSAGE NO. 5

Date: Monday September 18, 2017 **Time:** 16:30 local time

Key Messages:

- **Hurricane watch in effect for dangerous hurricane Maria**
- **Maria is expected to pass 70 miles (112 km) south of St. Eustatius on Tuesday September 19, 16:00**
- **Tropical storm winds are expected from Tuesday September 19, 12:00 until Wednesday September 20, 06:00**
- **20-30% risk Hurricane force winds (CAT-1, gusts 85 mph/140 km/h) from Tuesday September 19, 18:00 until Wednesday September 20, 00:00**
- **Dangerous 25 ft high waves expected from Tuesday 06:00 till Wednesday 18:00, especially during the nearest approach on Tuesday 16:00**
- **Accumulated rainfall 4-6 inch, possibly up to 8 inch, forecasted with risk of life-threatening flash floods and mud slides**

Effect on local conditions

Winds:

Tuesday morning easterly winds will increase to tropical storm conditions (maximum gusts 60 mph – 100 km/h) and may continue till the early night to Wednesday. In this period there is a small risk (20-30%) for hurricane wind conditions (CAT-1), with gusts up to 85 mph - 140 km/h from Tuesday afternoon. From Wednesday morning wind speeds are expected to decrease to normal conditions. Wind will turn from East to South during Wednesday afternoon and evening.

Seas:

A dangerous storm surge accompanied by large and destructive waves will raise water levels by as much as 6 to 9 ft above normal tide levels near where the center of Maria moves across the Leeward Islands.

Rainfall:

Maria is expected to produce total rain accumulations of 4 to 6 inches with isolated maximum amounts of 8 inches. Rainfall could cause life-threatening flash floods and mudslides.

Local authorities and residents of Saba and St. Eustatius are advised to continue monitoring the further progress of this weather system and to take all necessary measures to safeguard life and property.

Center's latest and forecast positions:

SABA:

Till Sat Sep 23 14:00 AST, the nearest position is estimated at:

Mon Sep 18 17:00 AST 15.1N 60.7W Category 4 Hurricane 390 km (243 mi) SE of Saba
Tue Sep 19 02:00 AST 15.7N 61.9W Category 4 Hurricane 258 km (160 mi) SE of Saba
Tue Sep 19 14:00 AST 16.5N 63.3W Category 4 Hurricane 126 km (78 mi) S of Saba
Wed Sep 20 02:00 AST 17.3N 64.7W Category 4 Hurricane 160 km (99 mi) WSW of Saba
Wed Sep 20 14:00 AST 18.2N 66.2W Category 4 Hurricane 320 km (199 mi) W of Saba

ST. EUSTATIUS:

Till Sat Sep 23 14:00 AST, the nearest position is estimated at:

Mon Sep 18 17:00 AST 15.1N 60.7W Category 4 Hurricane 360 km (224 mi) SE of St. Eustatius
Tue Sep 19 02:00 AST 15.7N 61.9W Category 4 Hurricane 230 km (143 mi) SSE of St. Eustatius
Tue Sep 19 14:00 AST 16.5N 63.3W Category 4 Hurricane 115 km (72 mi) SSW of St. Eustatius

Wed Sep 20 02:00 AST 17.3N 64.7W Category 4 Hurricane 184 km (114 mi) W of St. Eustatius
 Wed Sep 20 14:00 AST 18.2N 66.2W Category 4 Hurricane 350 km (218 mi) WNW of St. Eustatius

Definitions:

HURRICANE WATCH: A warning for hurricane conditions, including sustained winds within the range ≥ 118 km/h (≥ 74 mph) (≥ 64 knots) are possible in specified areas in 48 hours or less.

Next bulletin:

Monday September 18, 2017, 22:30 local time

