AbsoluteClimo Announces Another Perfect Central Pacific Hurricane Season Forecast

Past Five Season Forecasts Near Perfect Overall (2019-2023)

Others Lost At Sea Busted Their Above Normal 2023 Forecast

Supplemental Report: Hurricane Dora Had Negligible Influence on Hawaii Wildfires

HONOLULU (21 December 2023) - AbsoluteClimo today announces our ClimoCats™ 2023 Central Pacific hurricane season count forecast was perfect. On May 12th 2023 we publicly released (archived) our 2023 forecast calling for a near normal season and expecting **one** hurricane. Our forecast has verified precisely: hurricane Dora. Our 2023 forecast also verified correctly with elevated year over year (YOY) hurricane risk compared with 2022, and below normal seasonal tail risk (Table 1):

AbsoluteClimo's Central Pacific 2023 Hurricane Season Forecast	2023 Observed	Verified
One Hurricane Expected	One Hurricane: Dora	✓
Near Normal Season	Near Normal Season	✓
Risk Up Year over Year	2023: Dora –> Major (Cat 3+) 2022: No Major Hurricanes	✓
Below Normal Season Tail Risk	Below Normal Season Tail Risk	✓

TABLE 1. CENTRAL PACIFIC BASIN FORECAST VERIFICATION: 2023 FORECASTS VS OBSERVATIONS.

AbsoluteClimo is the only enterprise in the world (we are aware of) which publicly issues seasonal hurricane forecasts for the Central Pacific including Hawai'i, and the only (we are aware of) which issues hurricane season tail risk forecasts for the Central Pacific.

Other outlooks pinning their overconfident 2023 Central Pacific forecast hopes and dreams on reading the tea leaves of the El Niño / La Niña Southern Oscillation busted their forecasts. For example, on May 25th 2023 NOAA's Central Pacific Hurricane Center in Honolulu cited El Niño as "*a key factor*" influencing their forecast calling (archived) for "*a 50% chance of* ***above-normal*** *tropical cyclone activity*" with a 50% chance of near-normal or below normal activity. With merely four tropical cyclones observed in 2023 the outcome was borderline below normal. Some tropical cyclones are so weak NOAA doesn't waste time naming them.

Including hurricane Dora there were only two other named tropical storms in the Central Pacific basin in 2023: Calvin and Greg.

AbsoluteClimo's past five years (2019-2023) of seasonal hurricane forecasts for the Central Pacific have verified as near perfect overall (Table 2):

AbsoluteClimo's Past Five Hurricane Seasons Forecasts	Observed	Verified
2023: One Expected	**One: Hurricane Dora**	✔
2022: One Expected	**One: Hurricane Darby**	✔
2021: One Expected	**None**	—
2020: One to Two Expected	**One: Hurricane Douglas**	✔
2019: Zero to One Expected	**One: Hurricane Erick**	✔

TABLE 2. CENTRAL PACIFIC BASIN VERIFICATION: 2019-2023 FORECASTS VS OBSERVATIONS.

In July of this year, Aon (NYSE: AON) and AbsoluteClimo announced our multi-year collaboration to advance climate modelling for climate-based perils.

August 2023 Maui, Hawai'i Wildfires and Hurricane Dora: A Dissenting View

AbsoluteClimo is offering our clients and interested parties a supplemental report on how, contrary to popular belief promoted by some politicians and errors propagated by climate and catastrophe pseudo-experts, hurricane Dora's contribution to the 2023 wildfires on Maui and Hawai'i island was **negligible**.

The physical meteorology leading up to and including August 8th-9th 2023 did not support what some have publicly exaggerated e.g., "*Winds from Hurricane Dora in August helped fuel the deadly Lahaina wildfires*" associating Dora passing well south of Hawaii with lives lost from the wildfires; or those alleging the 2023 "*Hurricane season was average but deadly*" and asserting Dora with respect to influencing wildfires on Maui was very similar to hurricane Lane's influence on Maui wildfires circa 2018.

The key meteorological driver of the August 8th-9th 2023 Hawaii wildfires had non-tropical (extratropical) makings consisting of **very dry air** originating in California which surged southwest toward Hawaii in a layer approximately 3,000 to 10,000 feet (914 to 3048 meters) aloft (Figure 1). The main trouble started upon the arrival of this leading **punch** of very dry air

on August 7 as it mixed and sank (**dry air is heavier**) thus enhancing the winds off the mountains. The process was aided and abetted by a large and anomalously strong North Pacific High pressure system which had been undergoing rapid development. Factors from Dora (an intense but small, compact hurricane) were non-existent to negligible (Figure 2) amounting to a red herring.

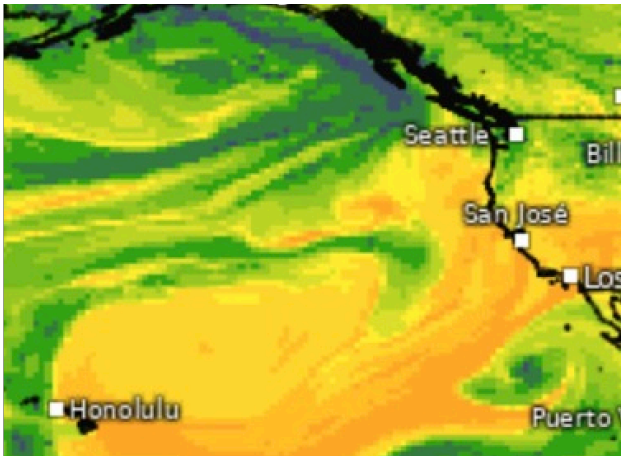

FIGURE 1. A DRY PUNCH OF AIR SURGED SOUTHWEST TOWARD HAWAII EARLY AUGUST 2023. MAP COURTESY OF WEATHER.US

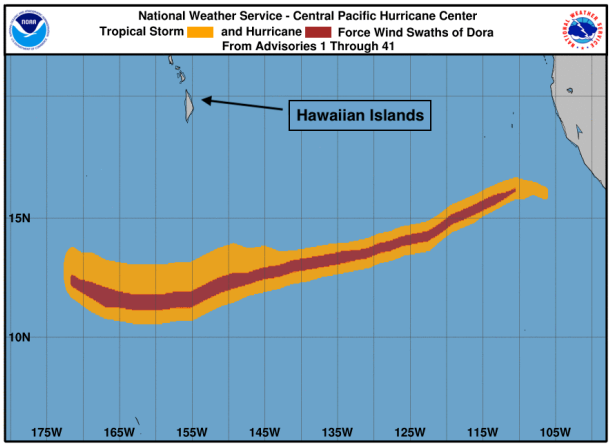

FIGURE 2. AS DEPICTED HURRICANE DORA'S WIND FIELD CAME NOWHERE CLOSE TO THE STATE OF HAWAII. MAP COURTESY OF NOAA.

Moreover: climate change scenarios and related risk scores applied to Hawaii's weather emergencies appear to have been oversold and **out to lunch once again** (twice in three years), failing for the August 2023 Hawaii wildfires. Parties interested in our deeper analytics and reports contact Kathryn Chen at AbsoluteClimo: kathryn.chen@absoluteclimo.com.

About AbsoluteClimo LLC

Founded in 2016, AbsoluteClimo's (absoluteclimo.com) mission is bettering life on Earth (◉) by helping people impacted by climate variability and change. AbsoluteClimo LLC, is a Hawai'i headquartered world leading climate forecasting and risk management company created and operated by pioneering reputable climatologists, meteorologists and seasoned entrepreneurs with accomplished scientific and business industry track record including NASDAQ/NMS listing and successful M&A. We serve business verticals in energy, agriculture, water resources, tourism, human health, financial services including re/insurance, insurance-linked securities, pensions, superannuations, private equity and the ESG / sustainable finance and investing markets. We occasionally provide guest lectures on climate risk and insurance at the University of Hawai'i at Mānoa Shidler College of Business, and thought leadership presentations and panels at events worldwide.