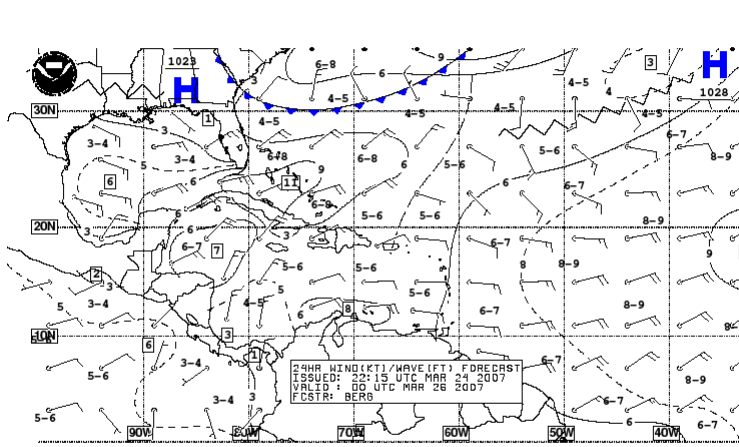




WIND / WAVE FORECASTS



NWS/NCEP - Tropical Prediction Center/TAFB
SIG WAVE HT IS SHOWN (THE AVG HT OF THE HIGHEST 1/3 OF THE WAVES)



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- **Purpose**

Wind/wave forecasts are produced to depict the 24-, 48-, and 72-hour forecasts of surface features, surface wind speed and direction, and significant wave heights over the tropical and subtropical Atlantic and East Pacific waters.

- **Content**

The wind/wave forecasts include relevant surface features, including areas of high and low pressure, frontal systems (cold, warm, stationary, and occluded), troughs, ridges, tropical waves, and tropical cyclones. Wind barbs indicate the forecast wind speed and direction at specific points where long barbs indicate 10 knots and short barbs indicate 5 knots. The significant wave height is contoured at intervals of three feet, with additional contours added if necessary in areas of little spatial variation. The significant wave height is defined as the average height of the highest 1/3 of the waves (individual waves may be more than twice the significant wave height). Maximum and minimum significant wave height values are indicated as necessary.

- **Coverage**

The National Hurricane Center produces wind/wave forecasts covering the following areas:

1. **Atlantic** (from the equator to 31°N between 35°W and 100°W, including the Pacific east of 100°W)
2. **East Pacific** (from 20°S to 30°N east of 145°W)

- **Issuance / Transmission**

The Wind/wave forecasts are transmitted by radiofax via New Orleans, Pt. Reyes, and Honolulu according to the following table:

		New Orleans, LA (Atlantic)		Pt. Reyes, CA (East Pacific)		Honolulu, HI (East Pacific)	
Forecast Period	Valid Time (UTC)	Transmission Time (UTC)	Filename	Transmission Time (UTC)	Filename	Transmission Time (UTC)	Filename
24-hour	0000	0035	PWEE89.TIF	0215	PWFE01.TIF	0250	PWFE01.TIF
	0600	0635	PWEE90.TIF	0959	PWFE02.TIF	1008	PWFE02.TIF
	1200	1235	PWEE91.TIF	1435	PWFE03.TIF	1450	PWFE03.TIF
	1800	1835	PWEE92.TIF	2204	PWFE04.TIF	2208	PWFE04.TIF
	latest		PWEE11.TIF		PWFE10.TIF		PWFE10.TIF
48-hour	0000	0045	PWEI88.TIF	0225	PWFI88.TIF	0300	PWFI88.TIF
	1200	1245	PWEI89.TIF	1208	PWFI90.TIF	1500	PWFI90.TIF
	latest		PWEI11.TIF		PWFI10.TIF		PWFI10.TIF
72-hour	0000	0055	PJEK88.TIF	0235	PWFK92.TIF	0310	PWFK92.TIF
	1200	1255	PJEK89.TIF	1218	PWFK93.TIF	1510	PWFK93.TIF
	latest		PJEK11.TIF		PWFK10.TIF		PWFK10.TIF