

Table 4.6. Characteristics of fully developed wind waves with values based on a fetch of 1,000 nautical miles, a duration of 120 hours, and significant wave height

Wind speed (knots)	Average wave characteristics		
	Significant Wave Height (m)	Approximate speed	
		knots	m/sec
10	0.3	9	5
20	3.4	17	8
30	6.7	26	13
40	10.1	35	18
50	13.1	43	22

<http://www.mdl.nws.noaa.gov/~applications/LAD/generalappinfoout.php3?appnum=2655>

Adapted from WaveCalculator 1.1 by Jay A. Albrecht, National Weather Service Forecast Office, April 29, 2011.