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Extreme Wave Height Indices

| **ID** | **Indicator name** | **Definitions** | **Unit** |
| --- | --- | --- | --- |
| HsMx\* | Monthly max Hs | Monthly maximum value of significant wave height (Hs) | M |
| HsAx\* | Annual max Hs | Annual maximum value of significant wave height (Hs) | M |
| HsRo\*\* | Rough wave days | Annual count of days when daily max Hs > 2.5 m | Days |
| HsHi\*\* | High wave days | Annual count of days when daily max Hs > 6 m | Days |
| fHsRo | Frequency of rough wave days | Annual percentage of days when daily max Hs > 2.5 m | % |
| fHsHi | Frequency of high wave days | Annual percentage of days when daily max Hs > 6 m | % |
| fHs90p | Frequency of top decile wave days | Annual percentage of days when daily max Hs > 90th percentile of base period (1986–2005) (all calendar days share the same percentiles) | % |
| fHs10p | Frequency of low decile wave days | Annual percentage of days when daily max Hs < 10th percentile of base period (1986–2005) (all calendar days share the same percentiles) | % |
| HHsDI | Top decile wave spell duration indicator | Annual count of days with at least 2 consecutive days when daily max Hs > 90th percentile of base period (1986–2005) (all calendar days share the same percentiles) | Days |

\* Monthly maxima (HsMx) and annual maxima (HsAx) are included in the summary statistics section and can be found in Appendix A.

\*\* Maps for Rough wave days (HsRo) and High wave days (HsHi) are not explicitly produced. Equivalent information can be found in Frequency of rough wave days (fHsRo) and Frequency of high wave days (fHsHi) as percentages of the days of the year.



