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NOMENCLATURE

u	dimensionless parameter that describes a Weibull-type distribution of the probability of exceeding a fixed significant height threshold
w	parameter that describes a Weibull-type distribution of the probability of exceeding a fixed significant height threshold, m
a ₁₀	average value of triangular storm heights equivalent to the real storms, referring to a sample of the N stronger real storm, with N equal to 10 for the number of years of registration, m
b ₁₀	average value of triangular storm bases equivalent to the real storms, referring to a sample of the N stronger real storm, with N equal to 10 for the number of years of registration h
H _{s,max}	maximum significant height of a real storm, m
Δt	duration of a real storm, h