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Coordinates, H (m) Is Water Depth, t Is Time Varying Water Depth (m), D (9.81 M/s²) Acceleration Due To Gravity, ζ (m) Is The Sea Surface Elevation, C Is A Chezy Resistance Parameter (m^{1/2}/s), $F(V)$ Wind Friction Factor, V , V_x , V_y Wind Speed And Components In x - And y -directions (m/s), Ω Is Coriolis Parameter Which Is Latitude Dependent (s⁻¹) ... 2th, 2024

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