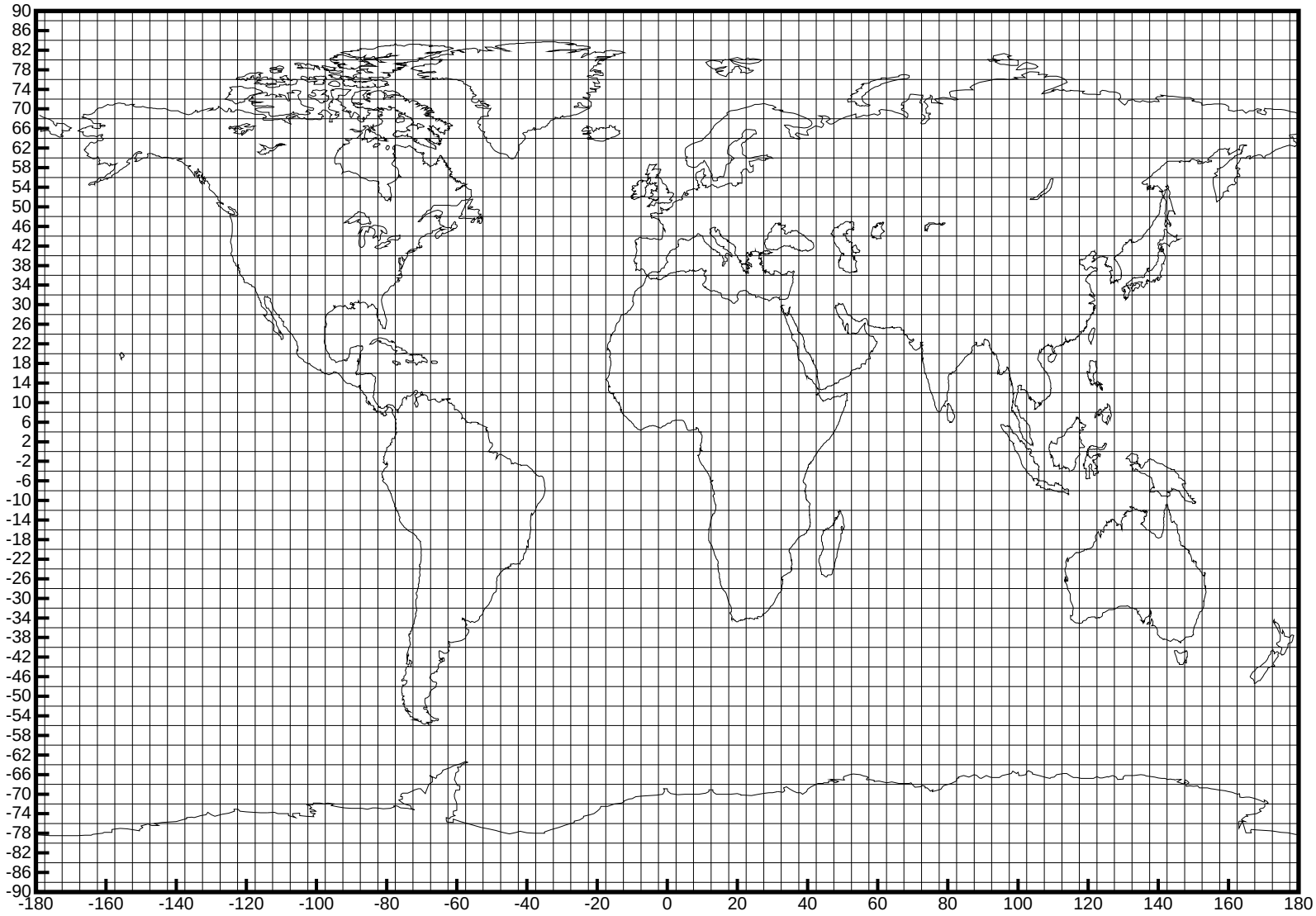MODEL II: Primary Grid, Fine Resolution: 4 x 5 degrees