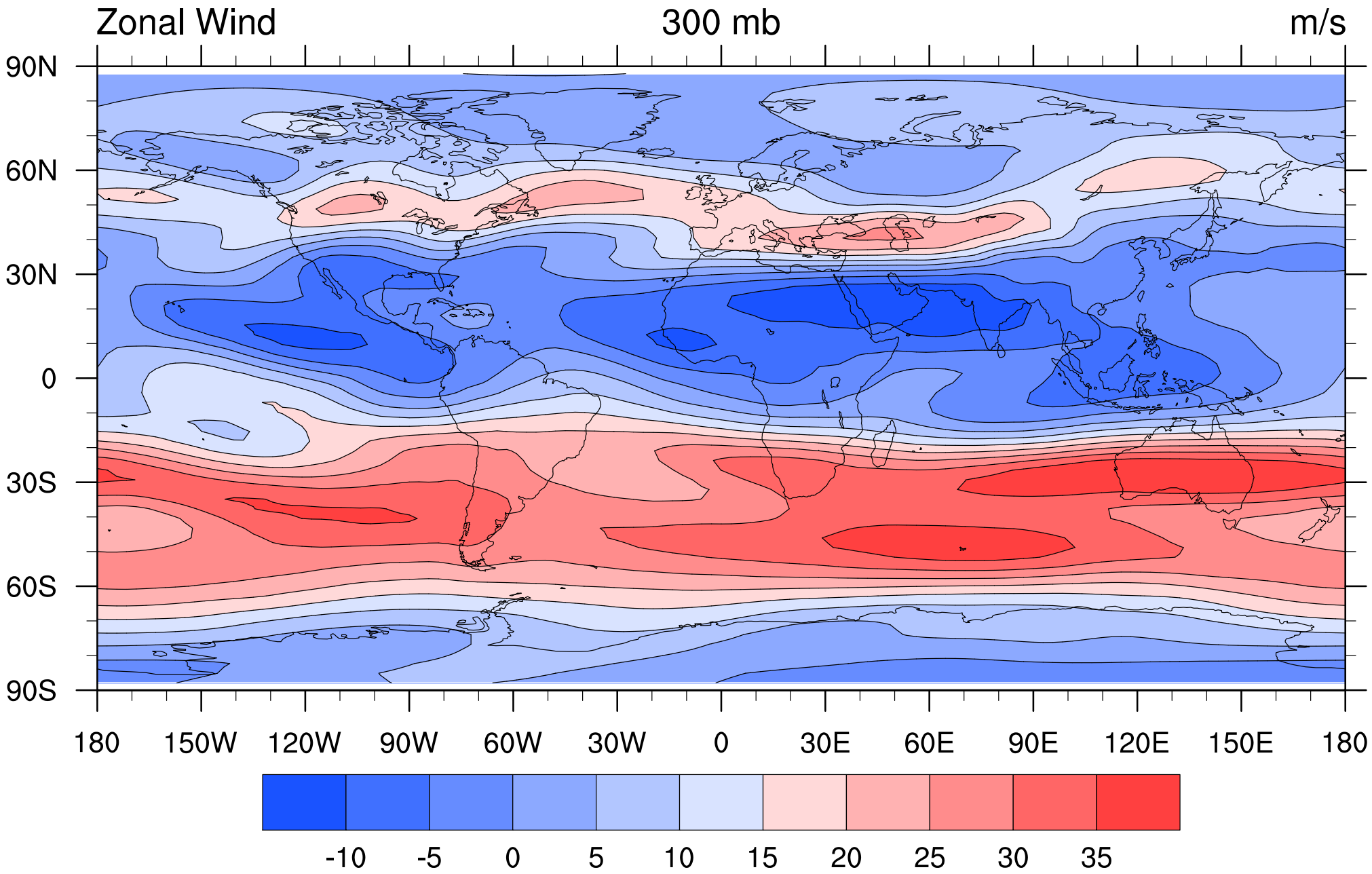genCmapMnMxCnInt -10 to 35