

2010年智利8.8级地震海啸的初步数值模拟

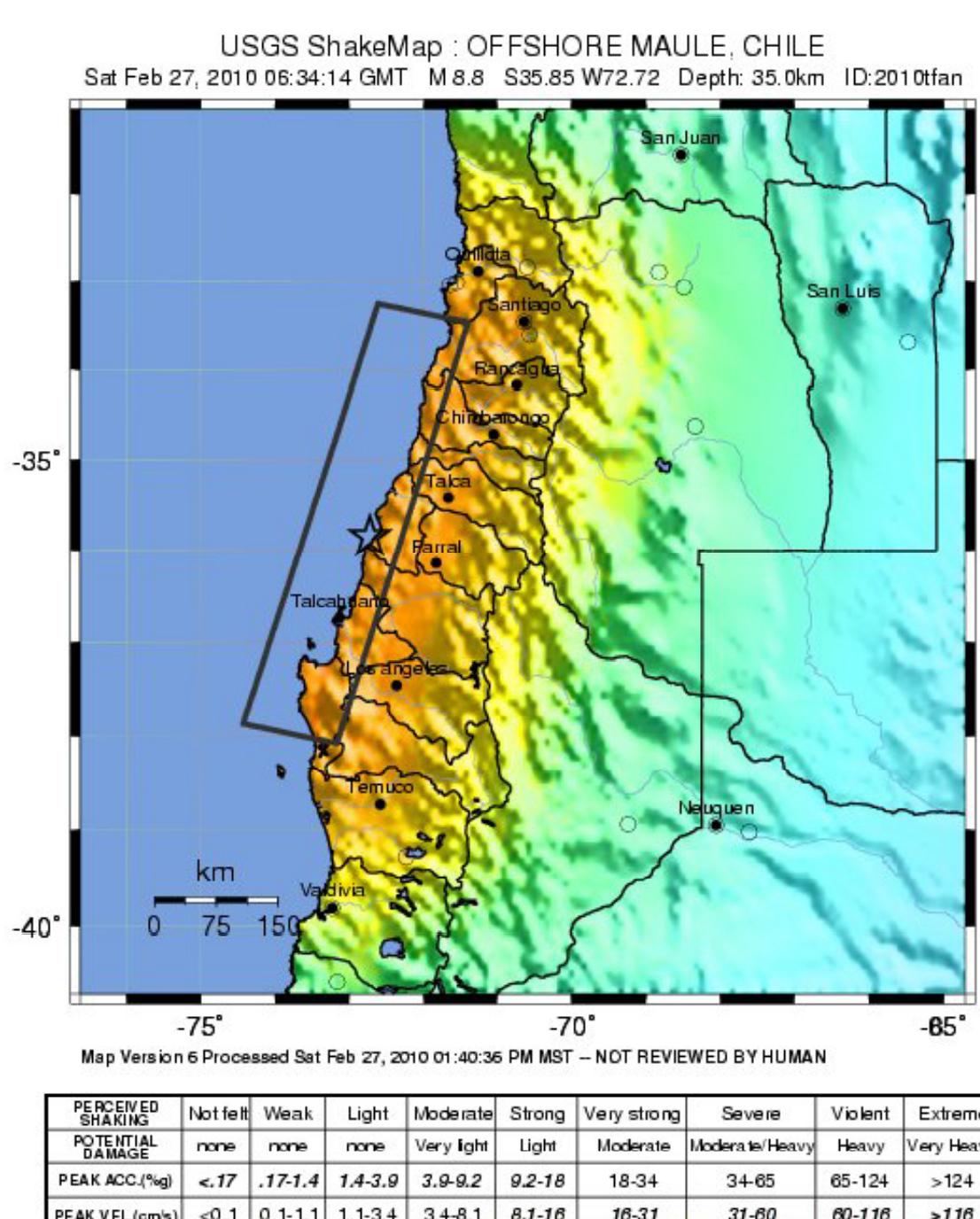
任叶飞 温瑞智

中国地震局工程力学研究所国家强震动台网中心 黑龙江 哈尔滨 150080

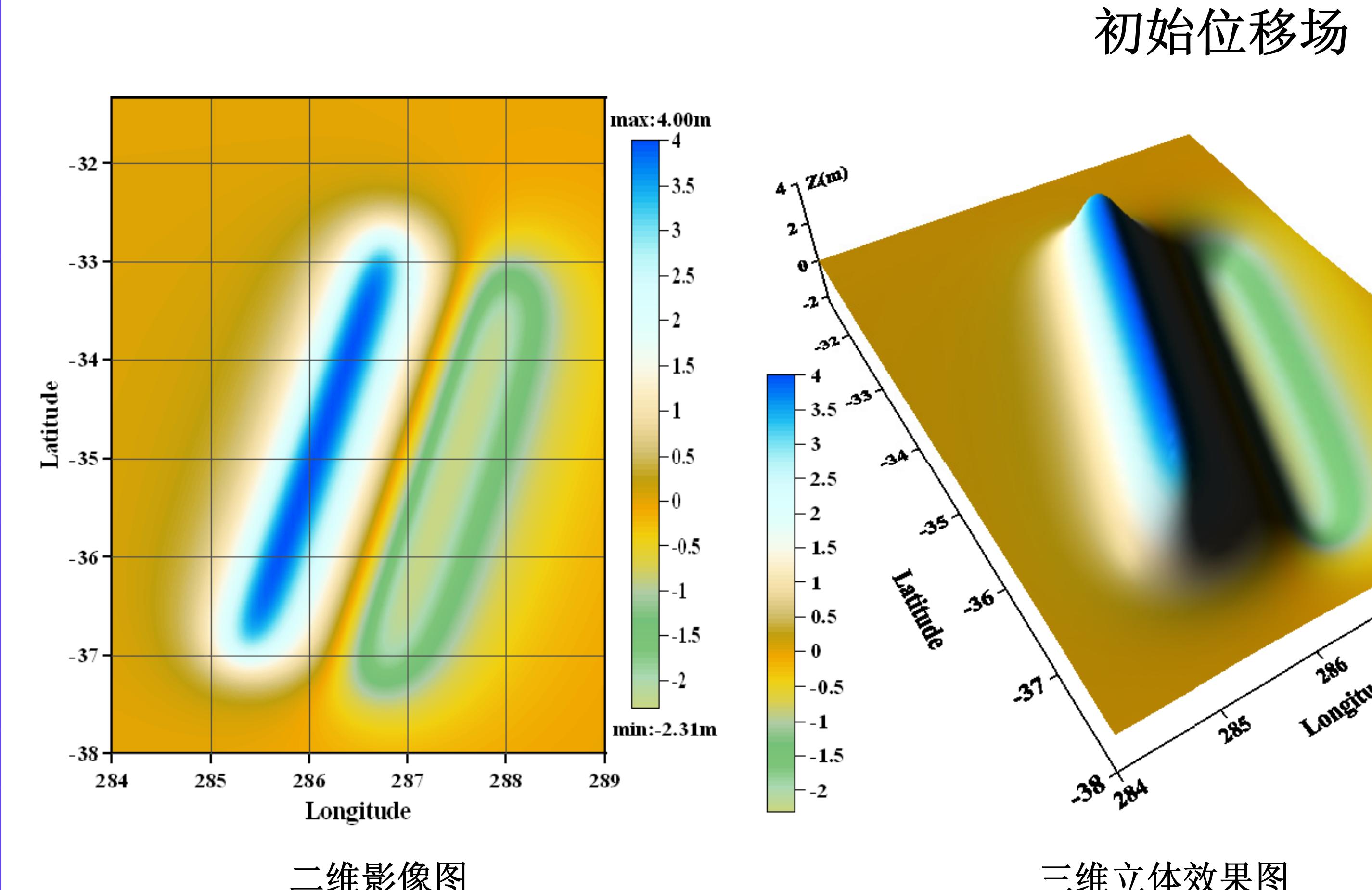
renyefei@iem.net.cn ruizhi@iem.net.cn

计算于震后8小时

地震相关信息

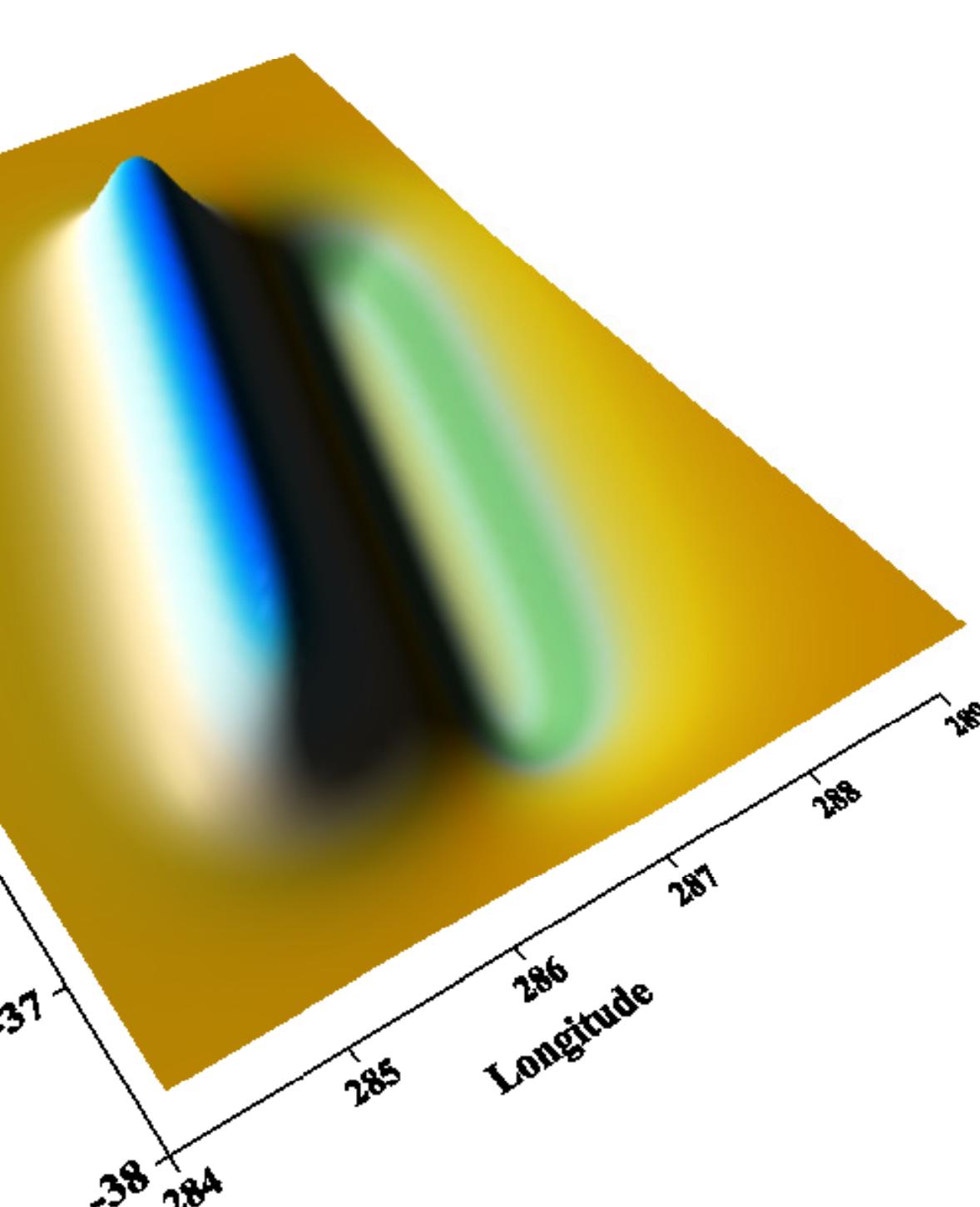


ShakeMap (from USGS)

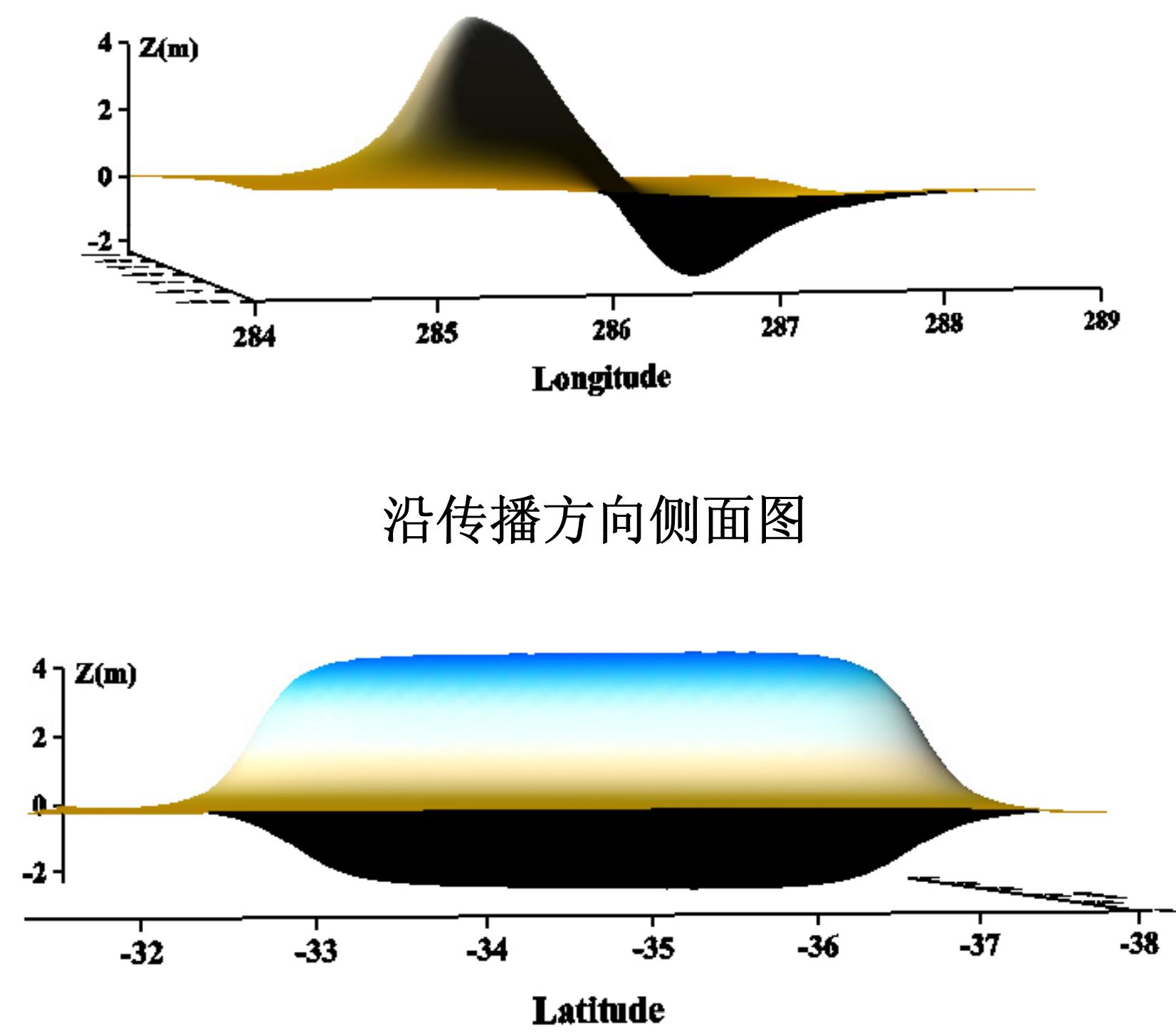


二维影像图

初始位移场



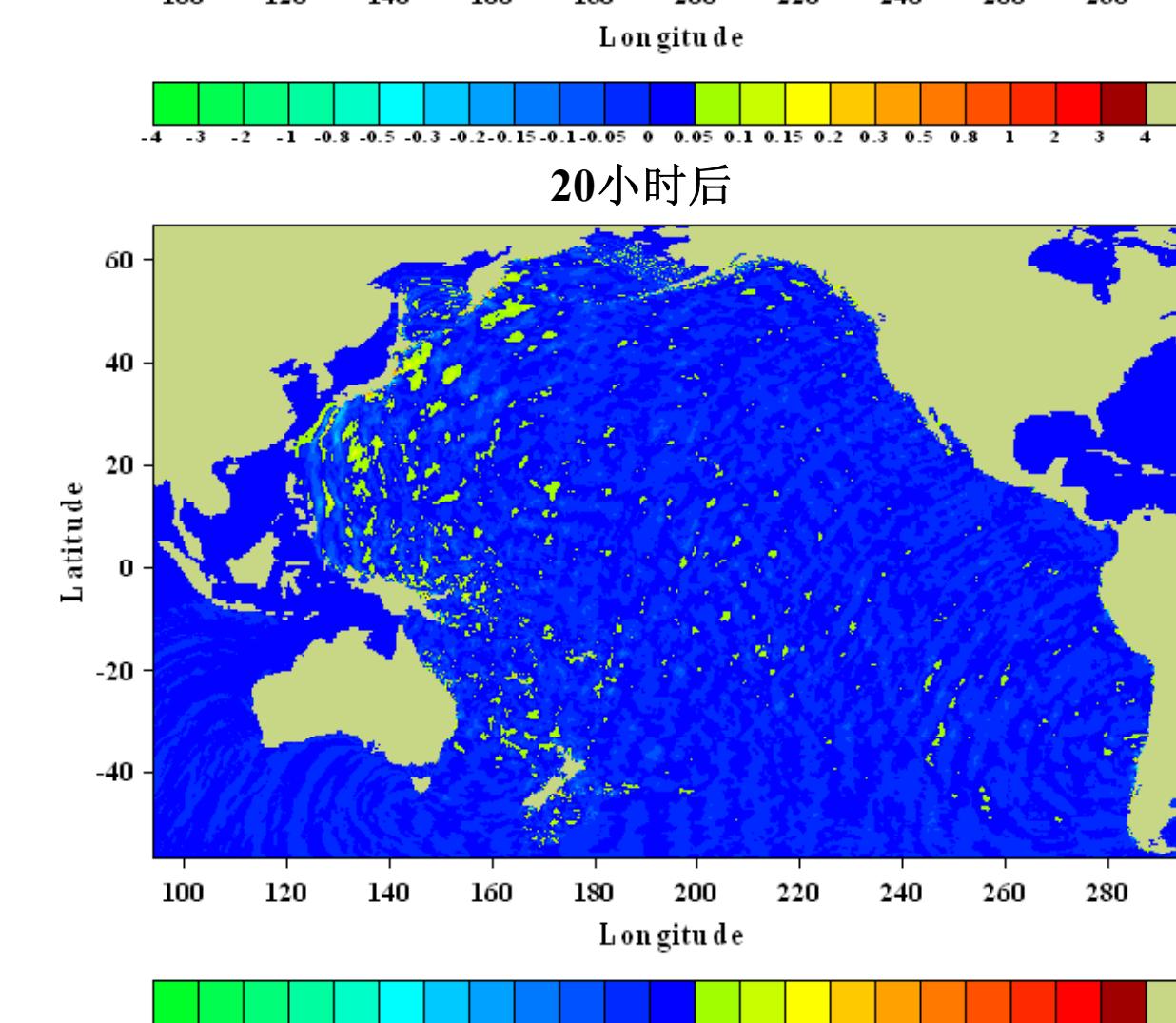
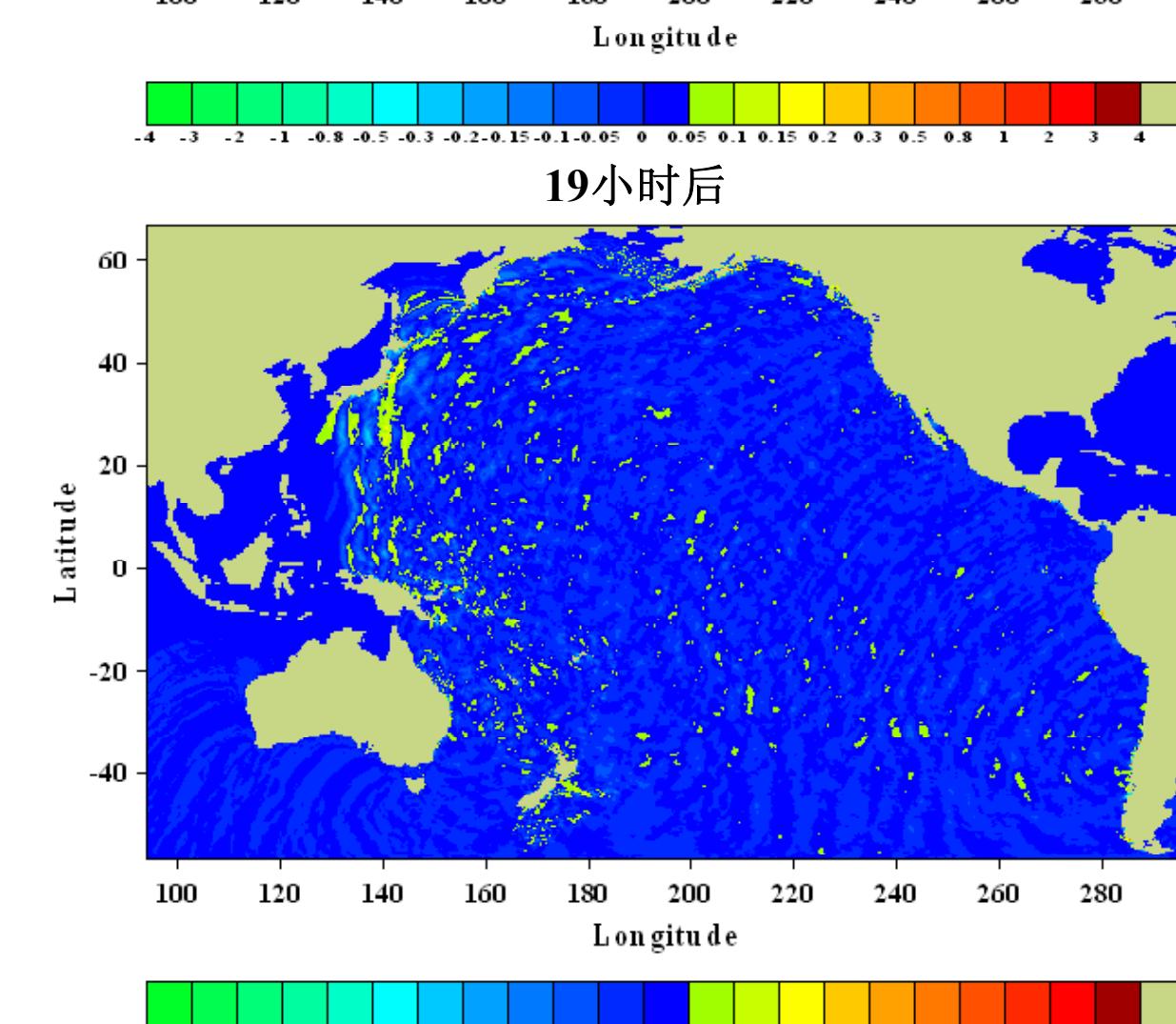
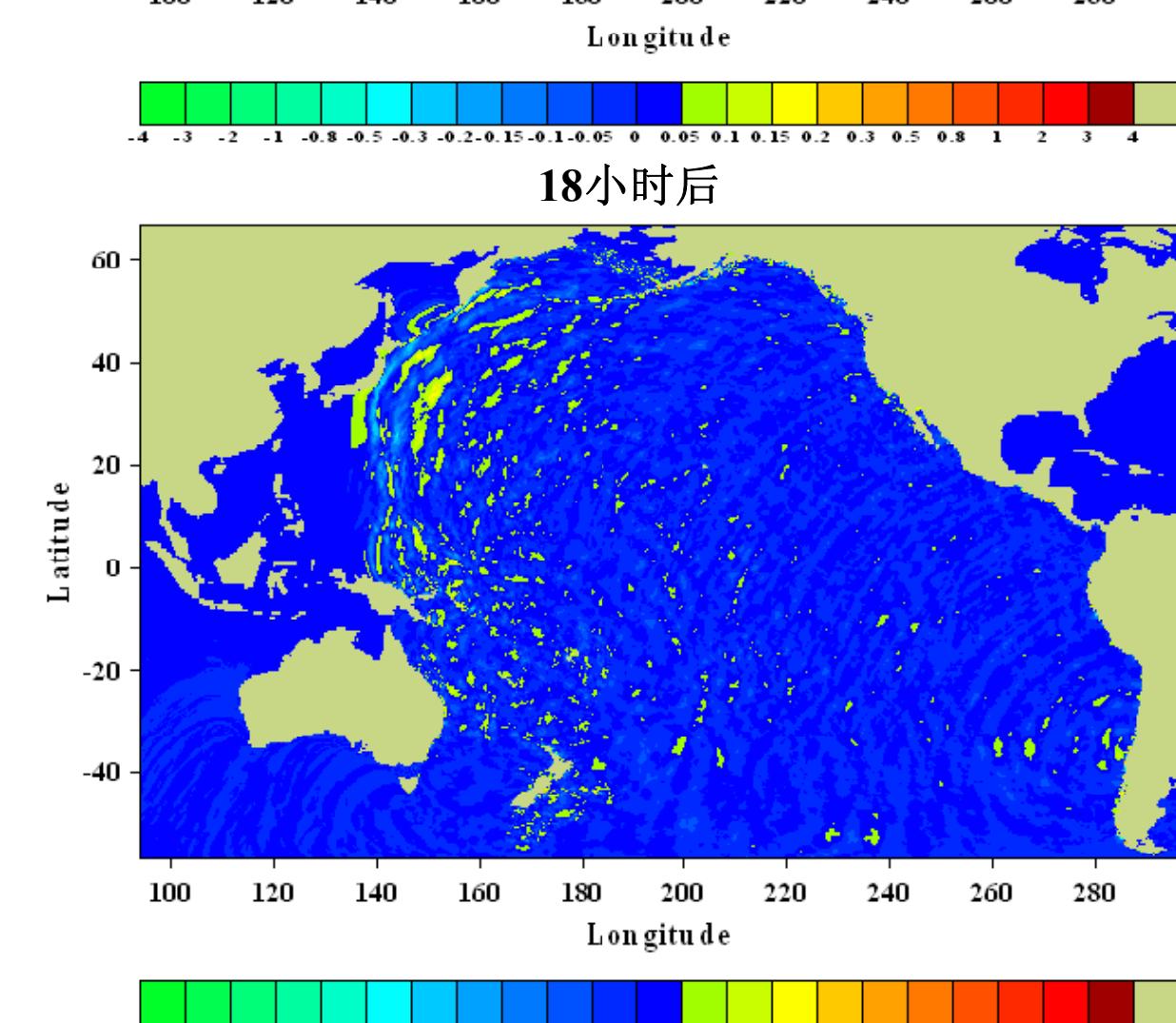
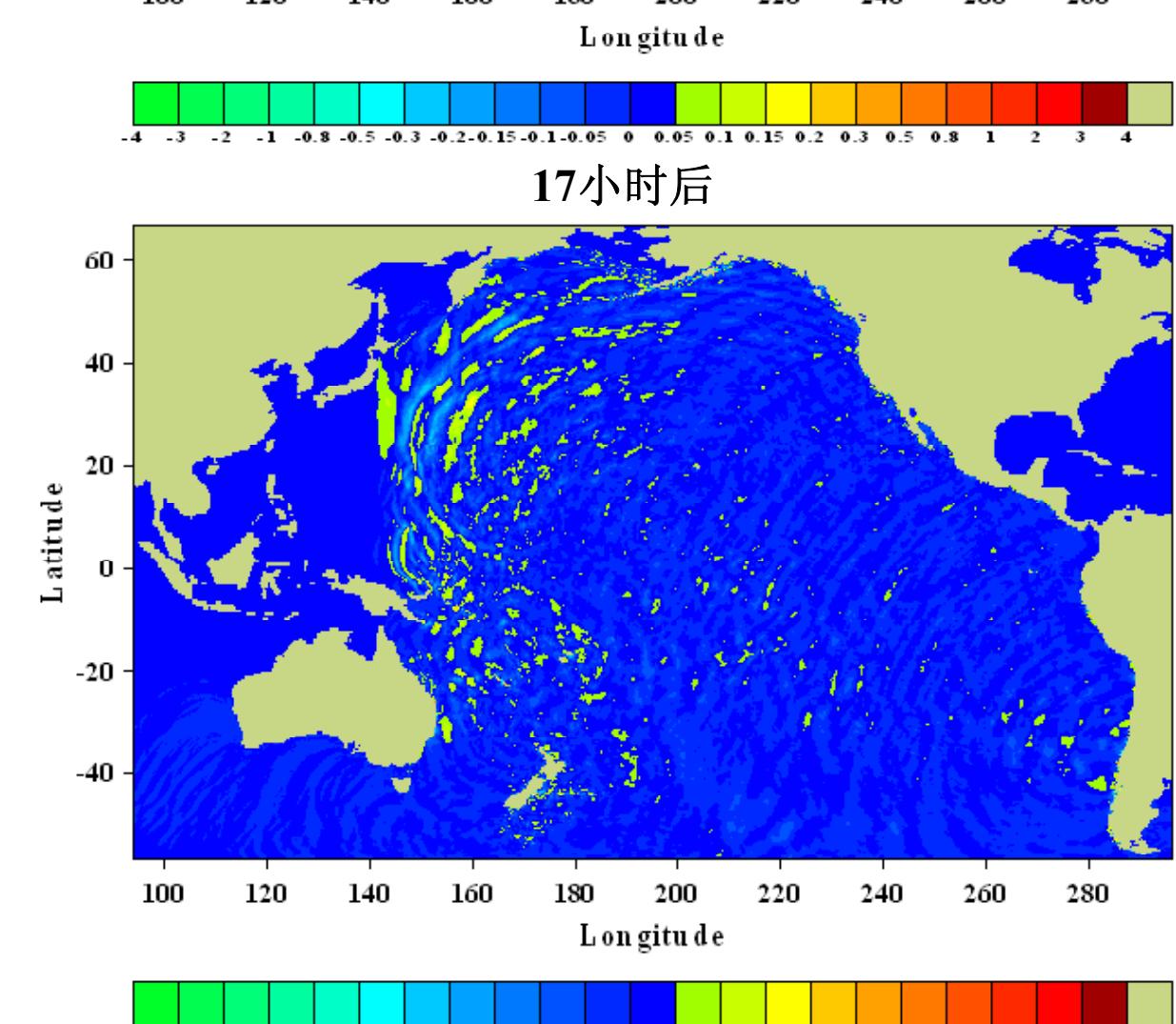
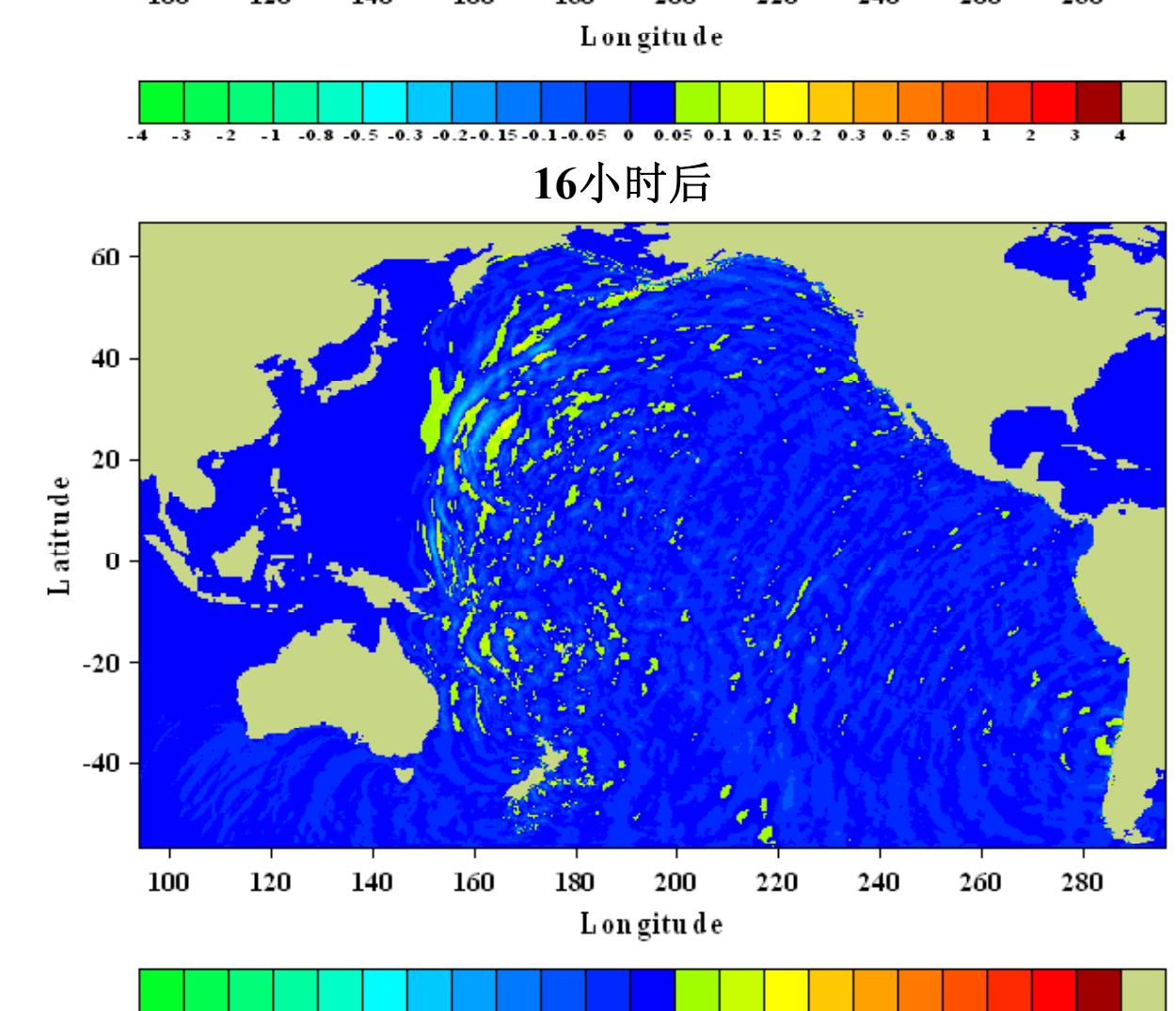
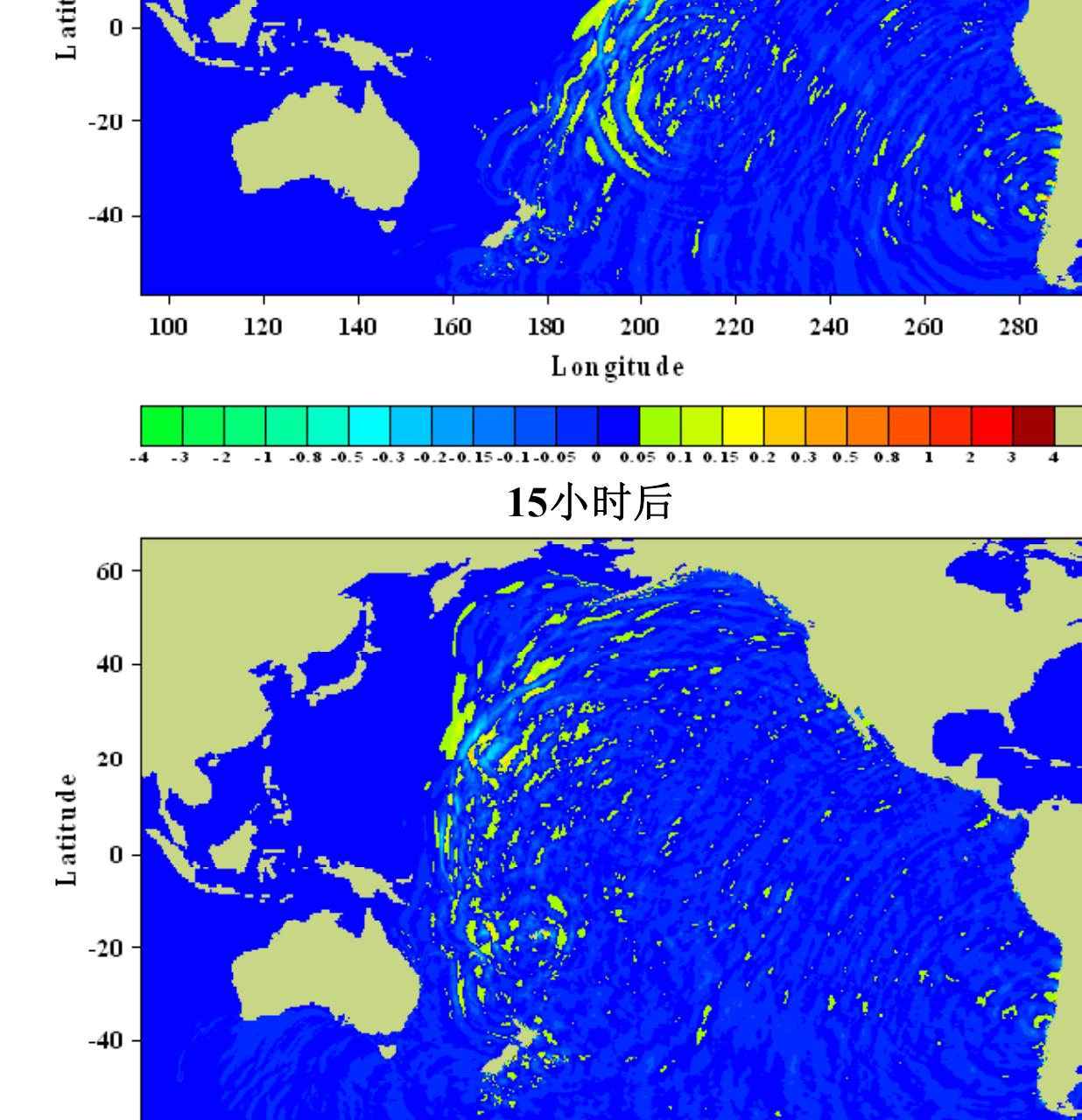
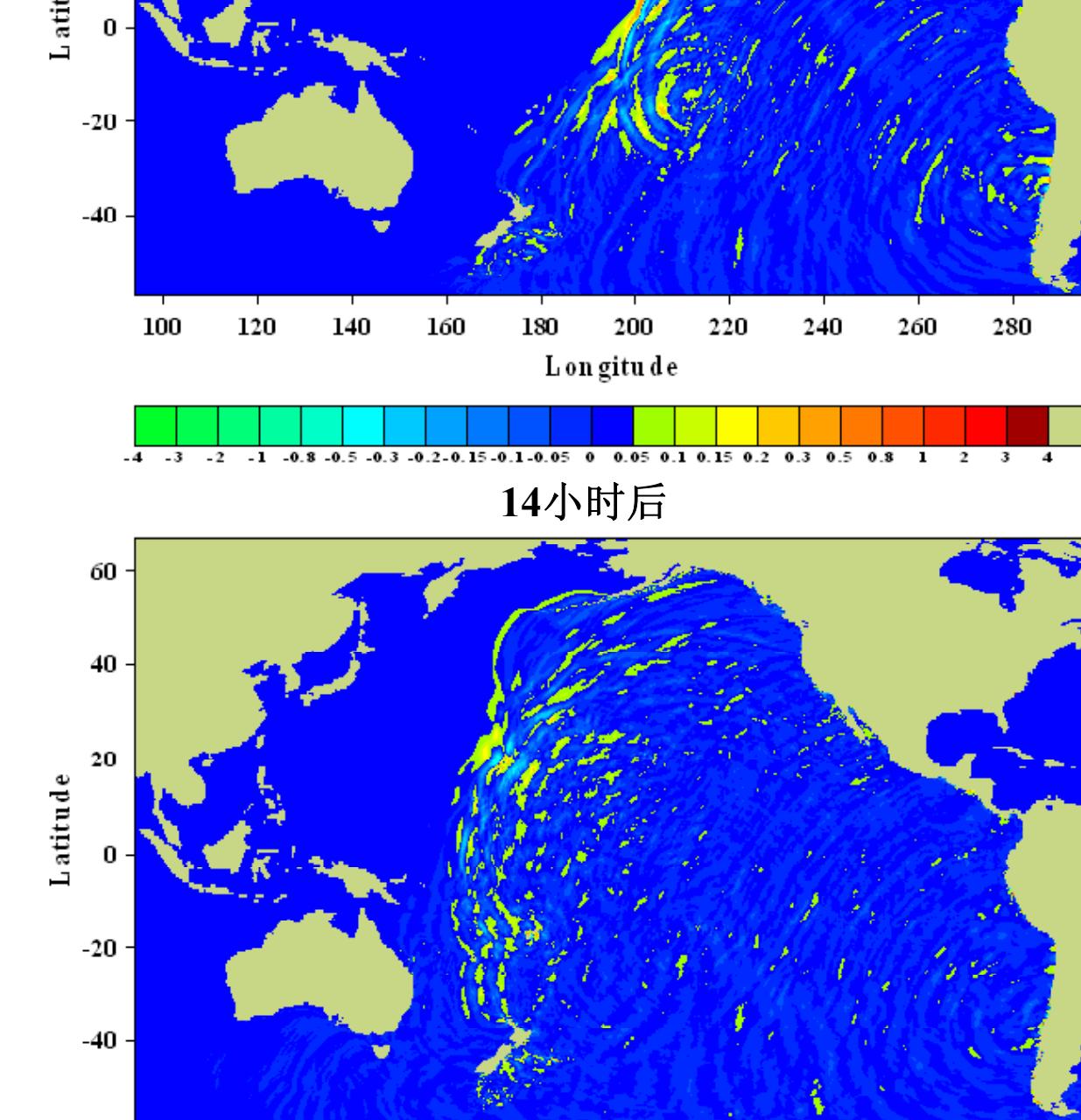
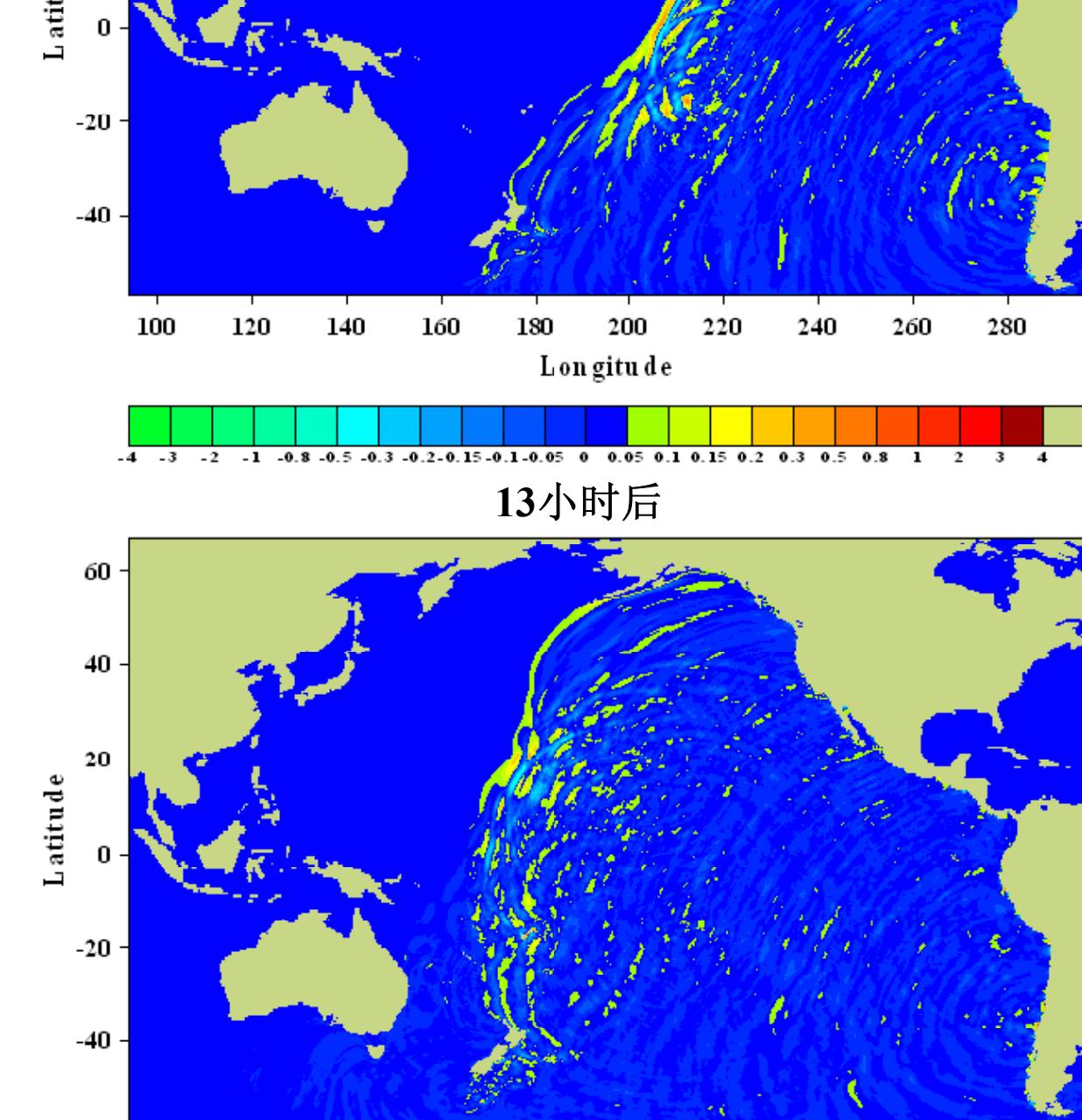
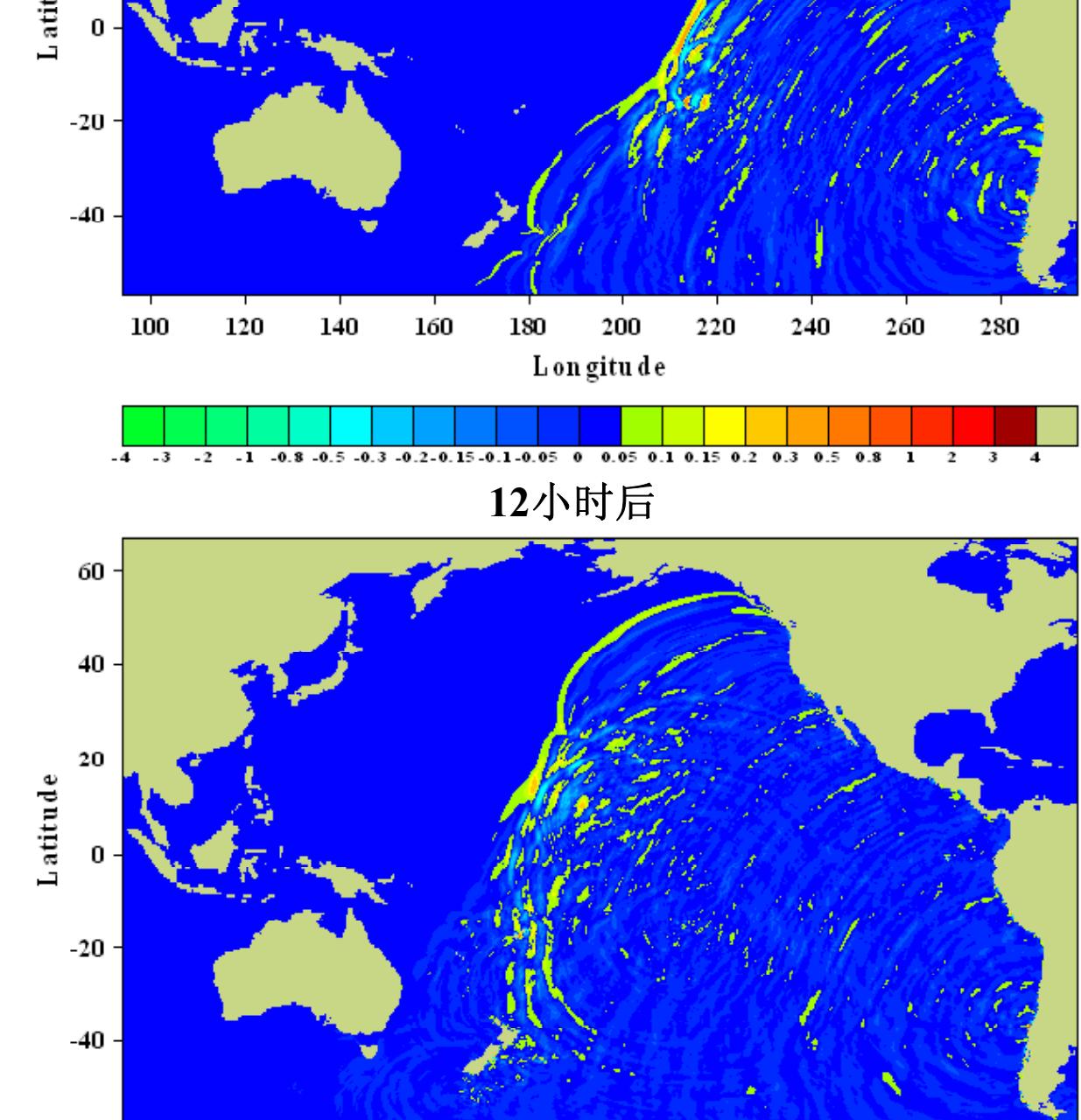
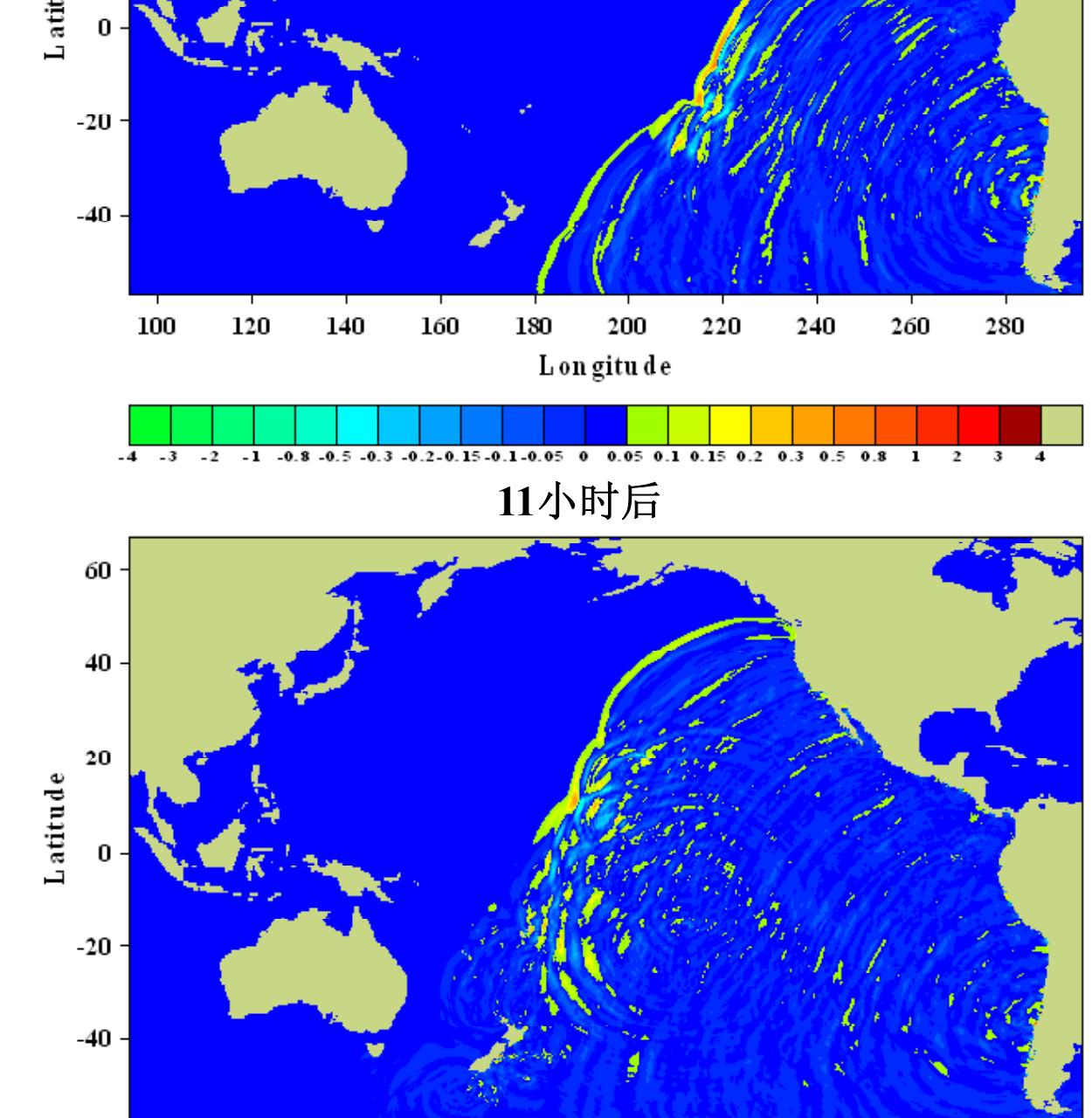
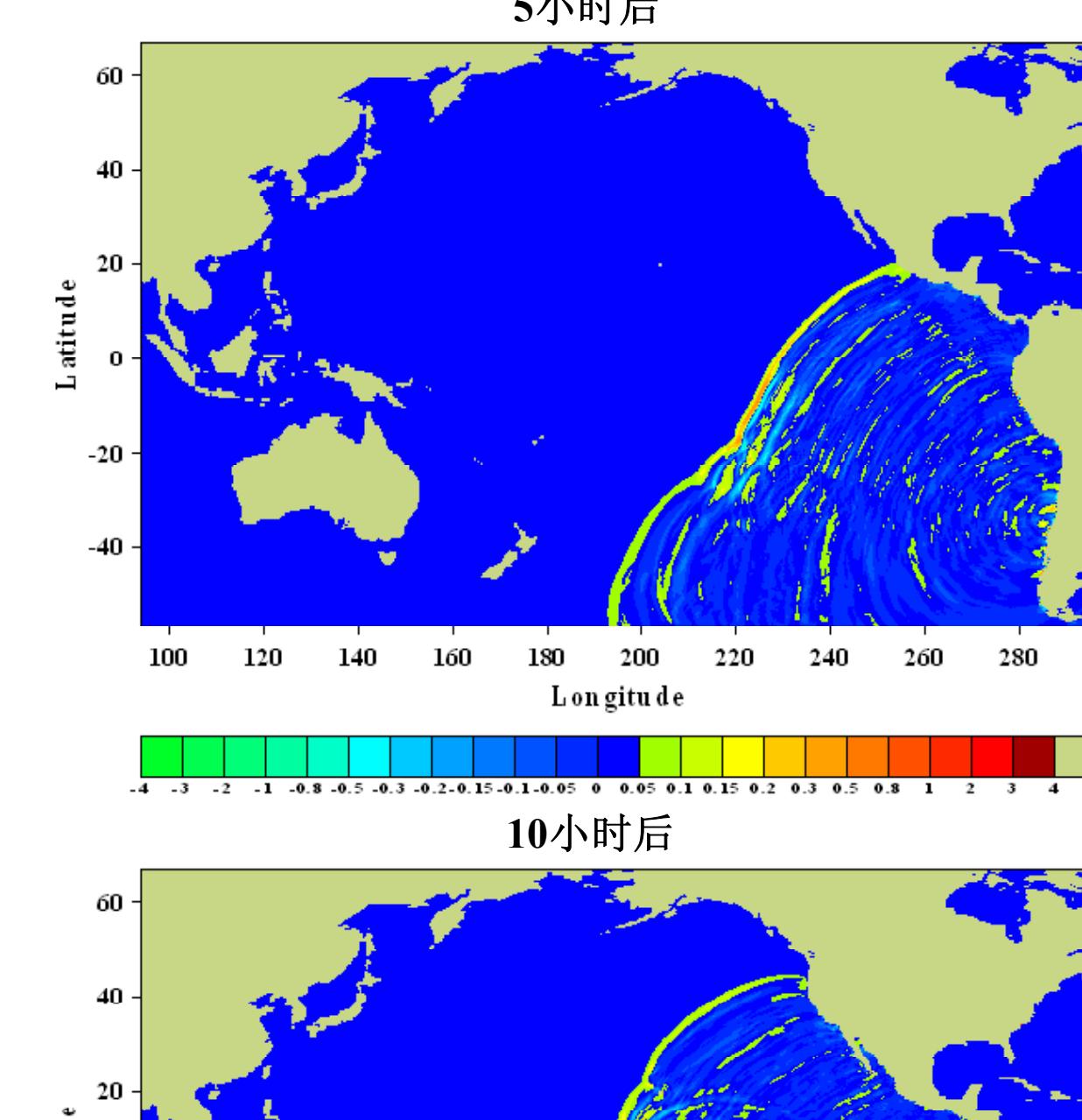
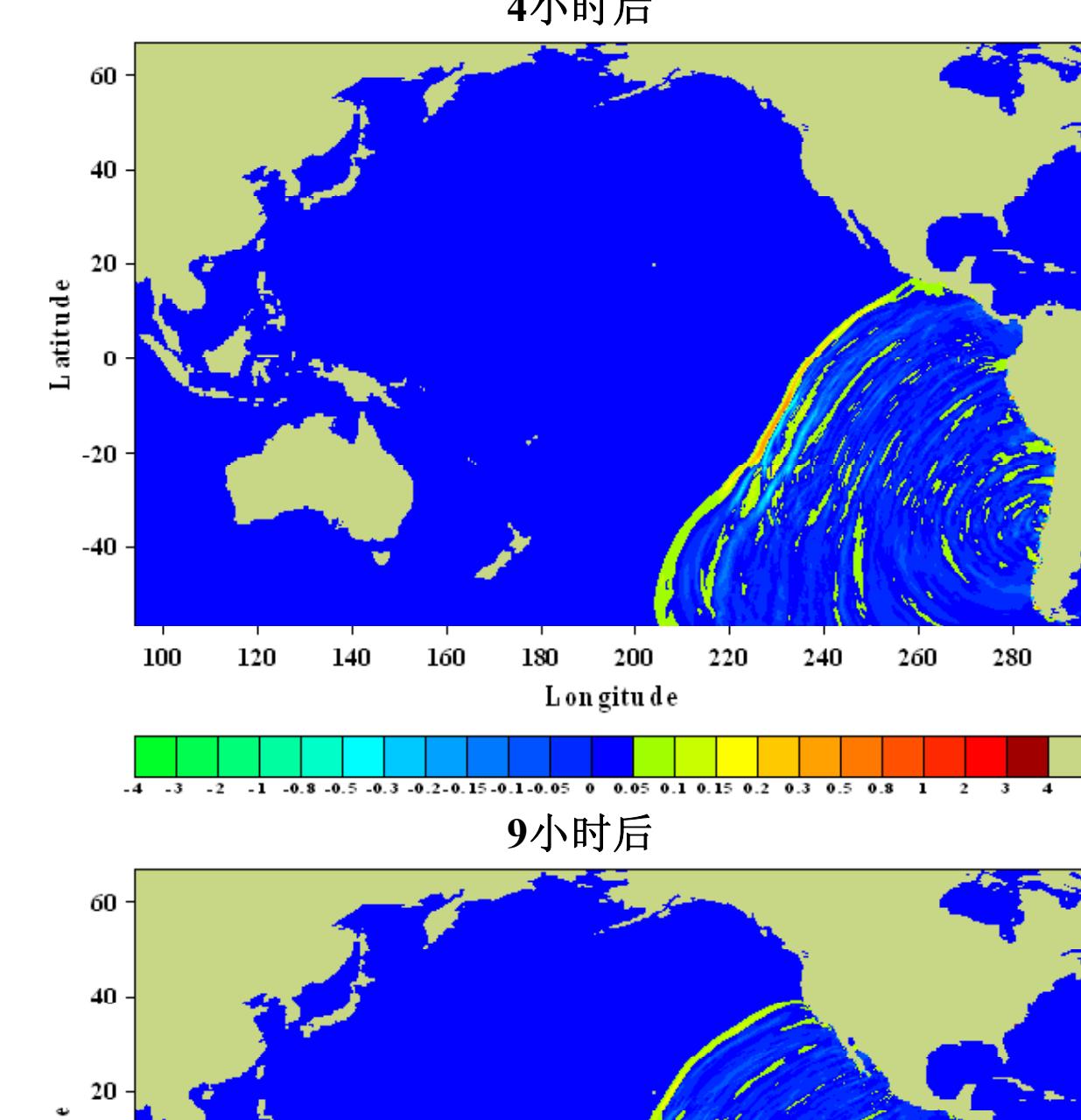
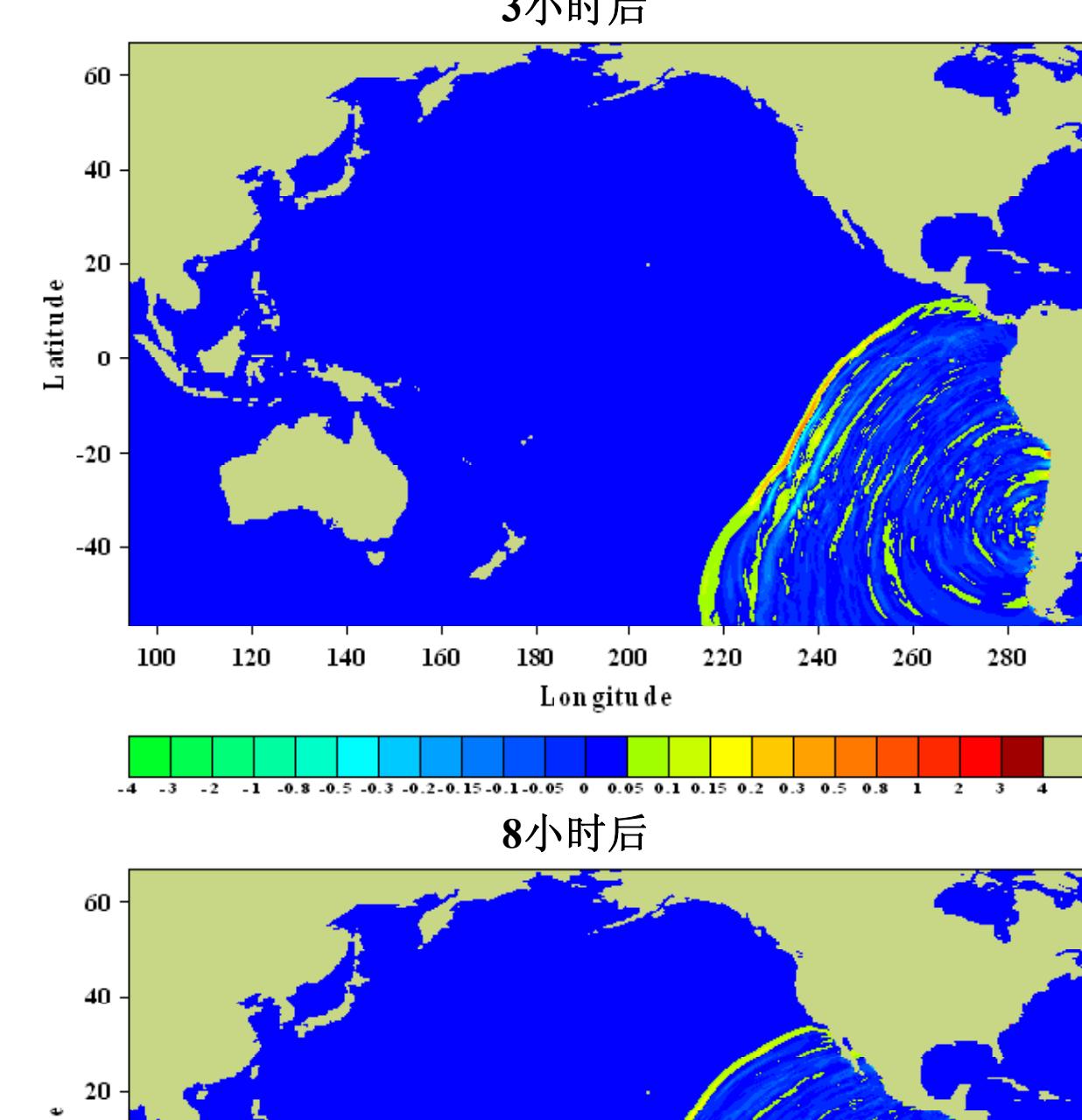
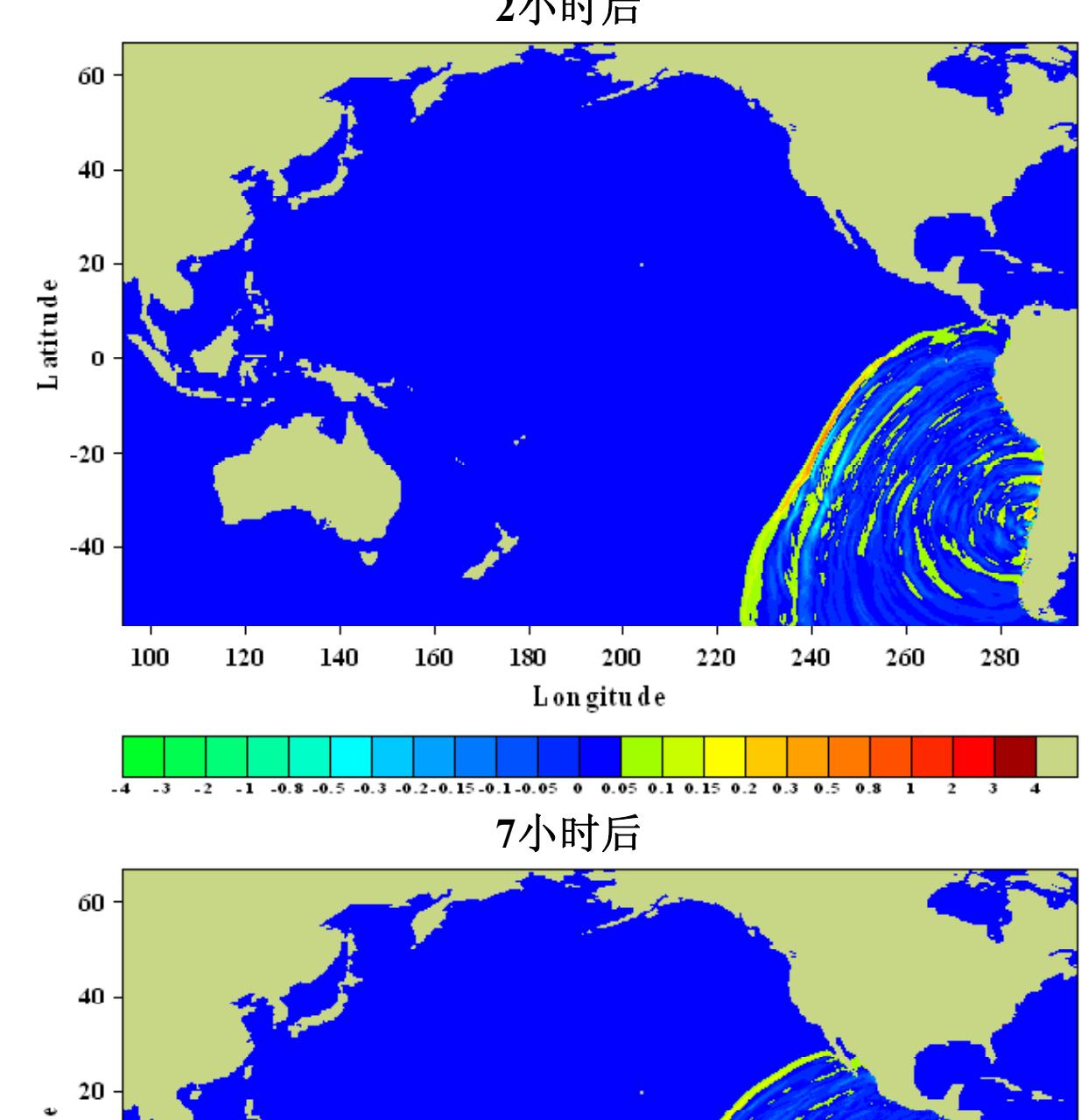
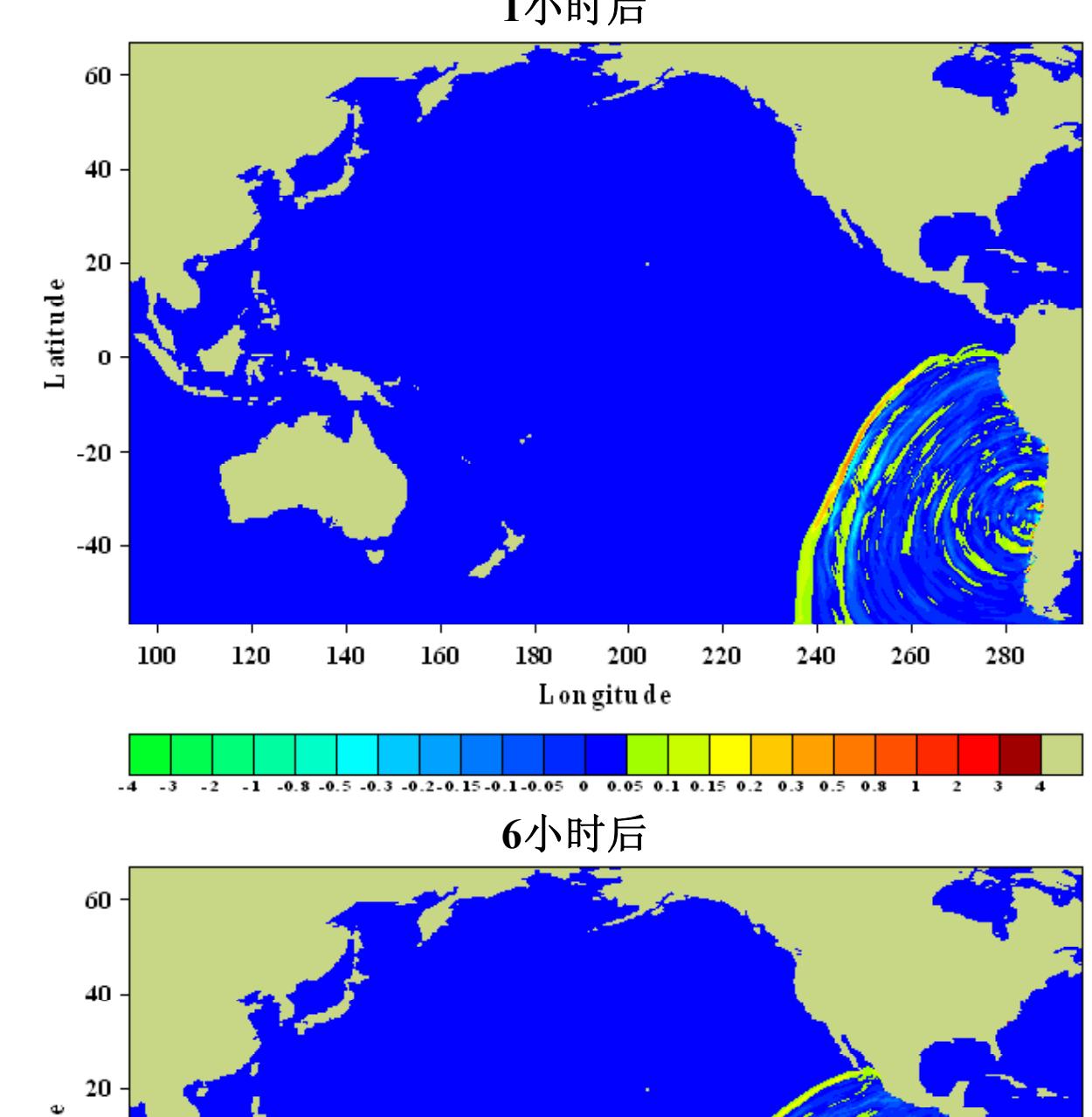
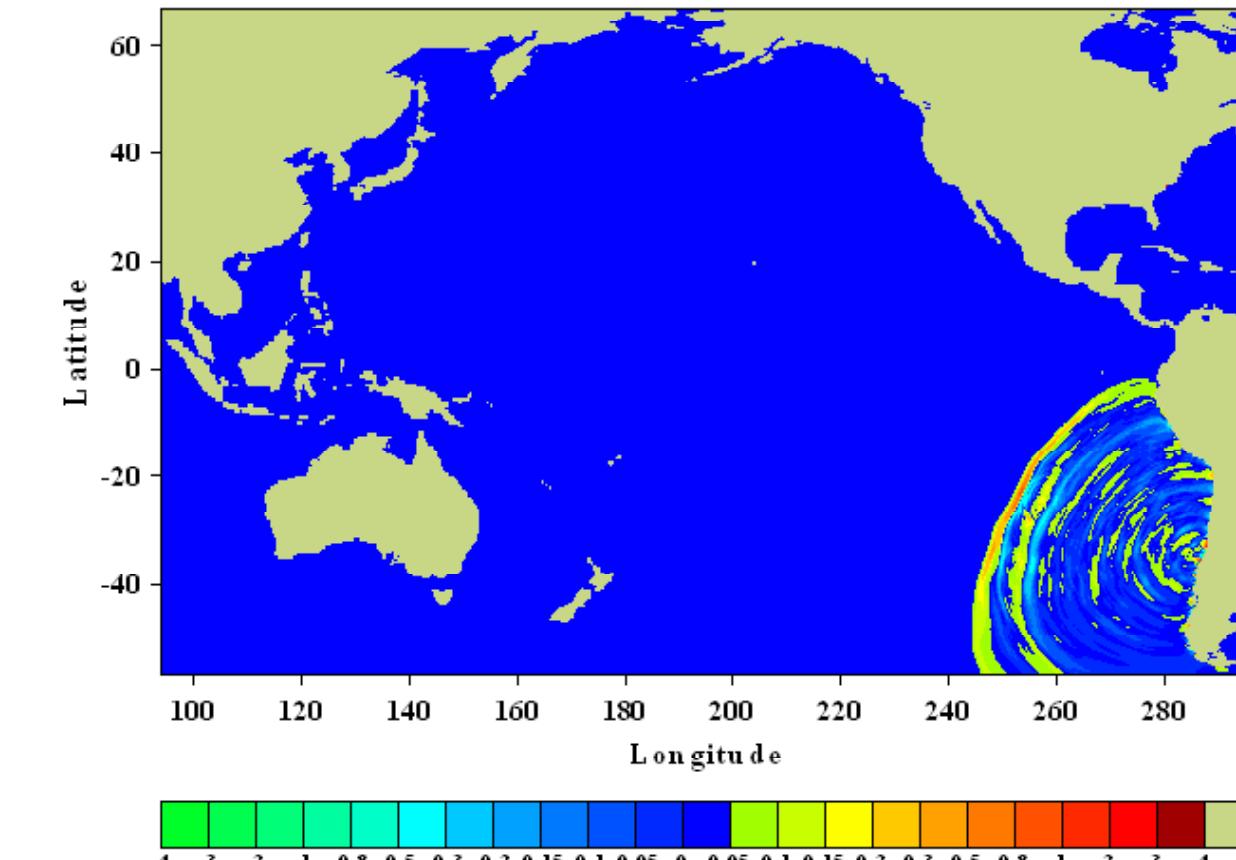
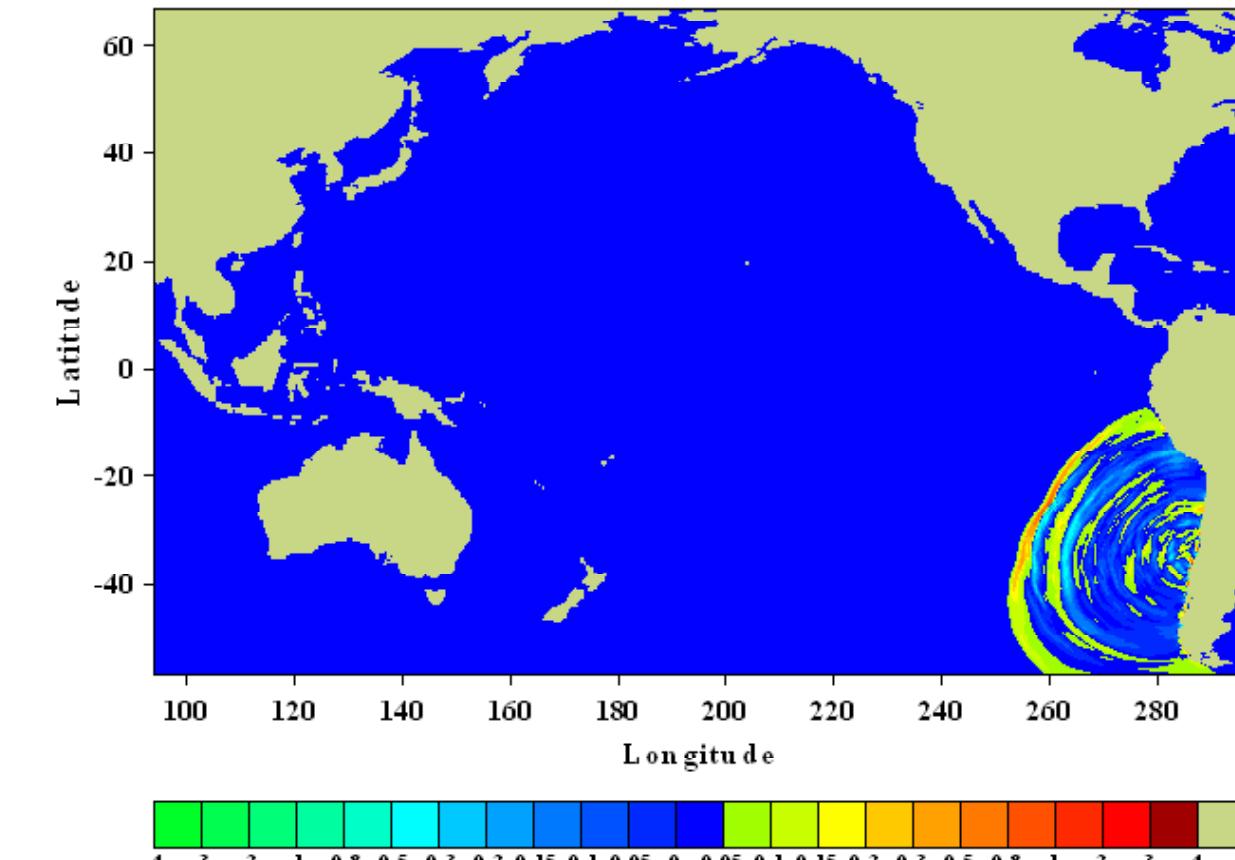
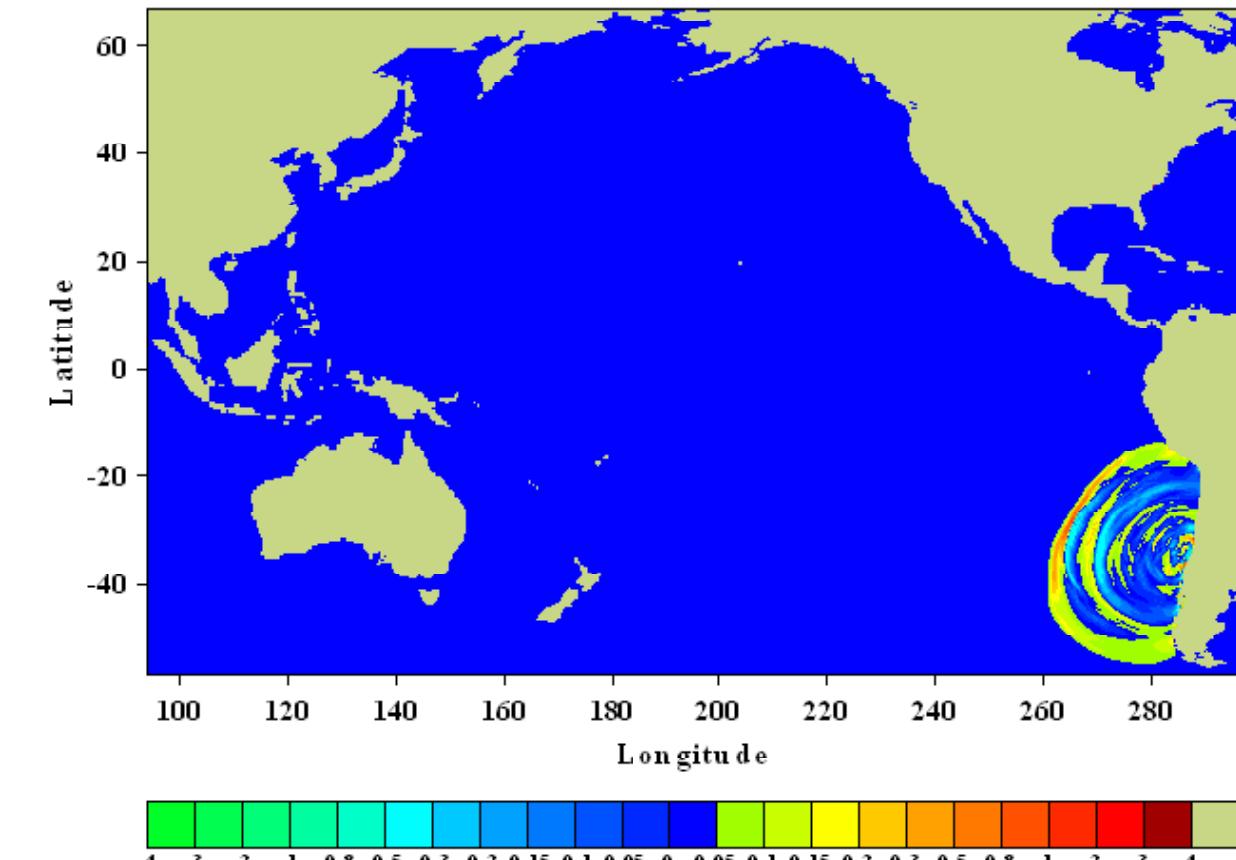
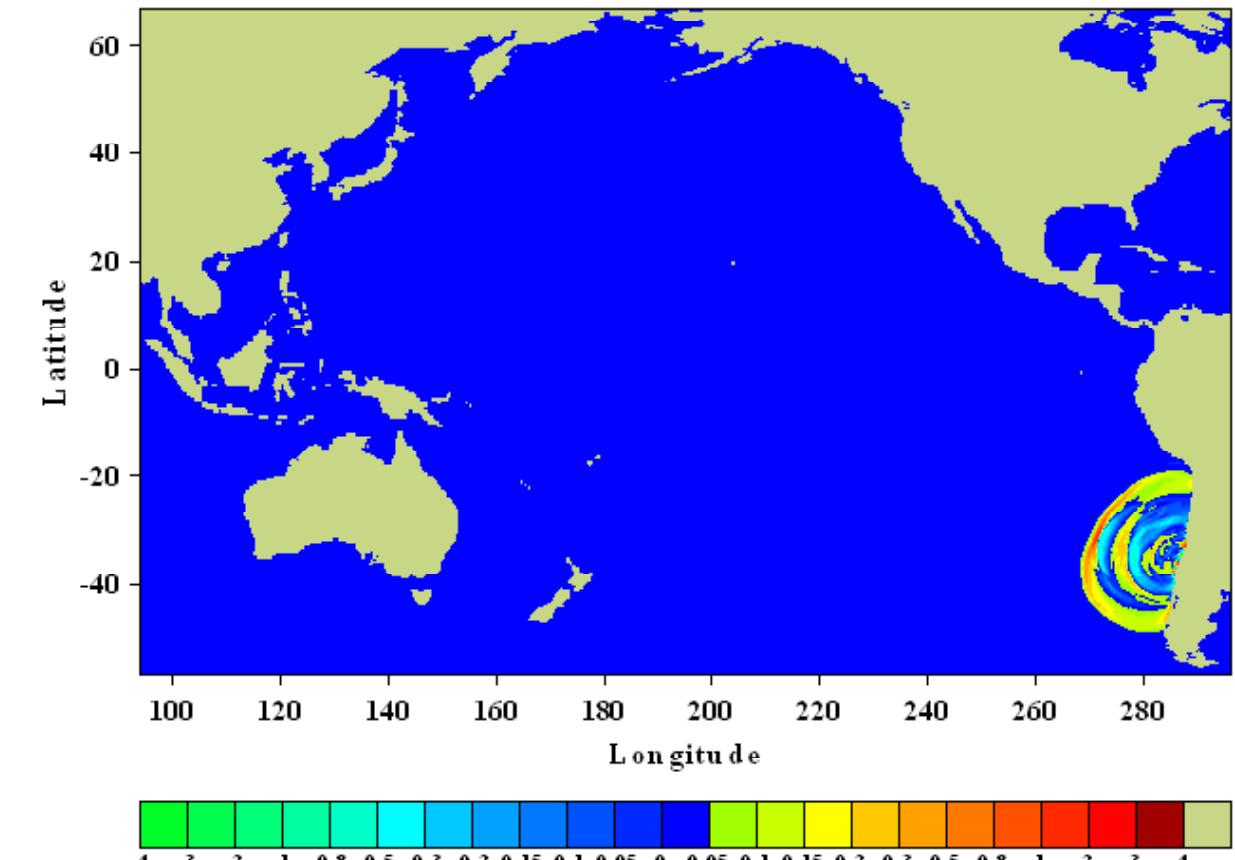
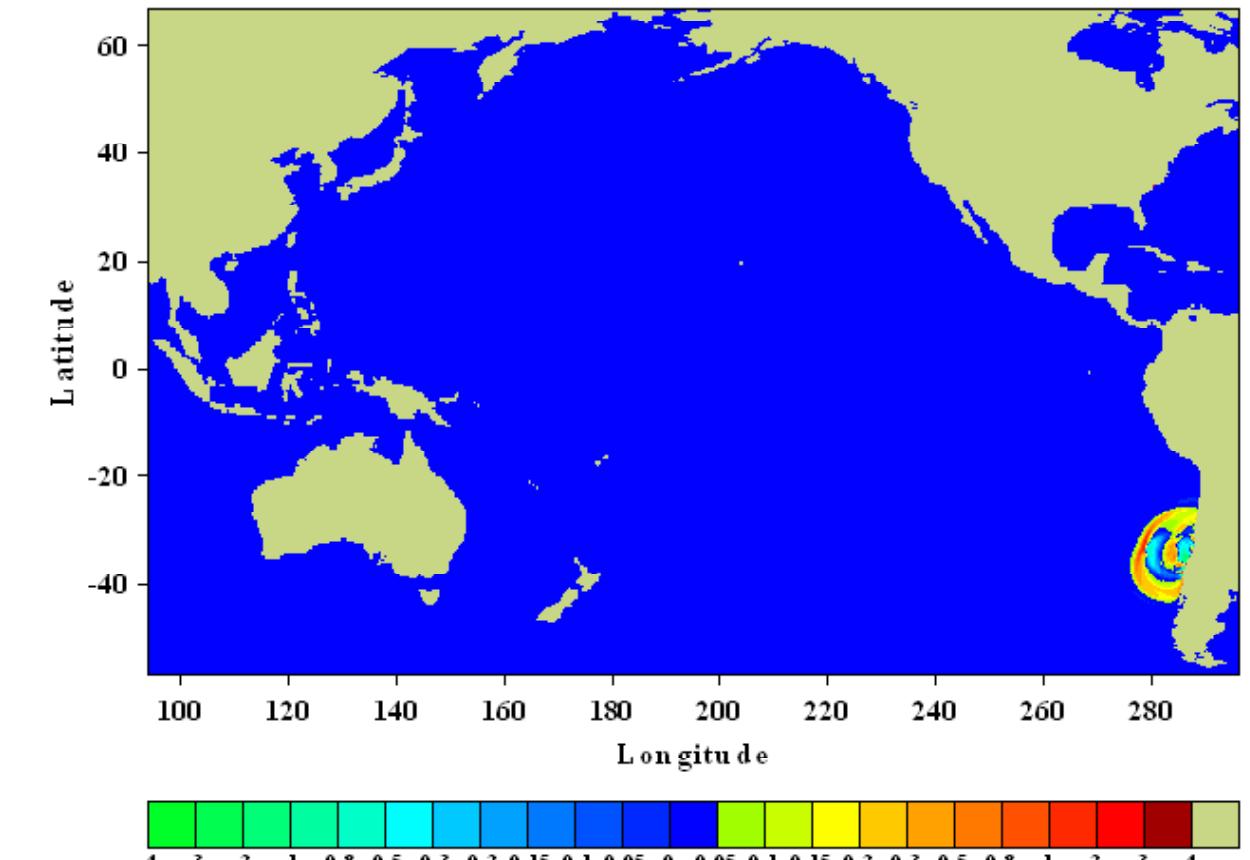
三维立体效果图



沿传播方向侧面图

垂直传播方向侧面图

静水面波高分布



21小时后

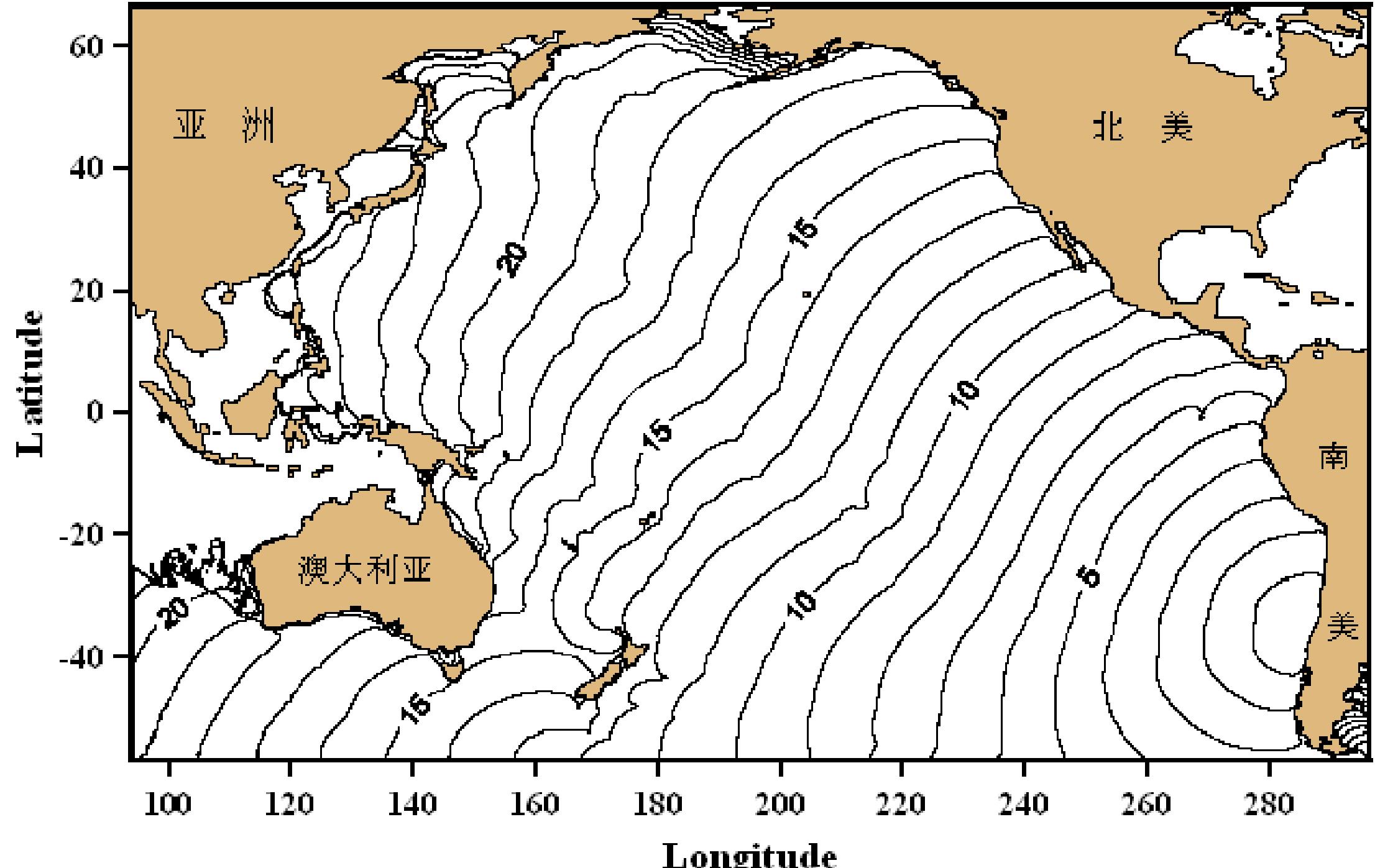
22小时后

23小时后

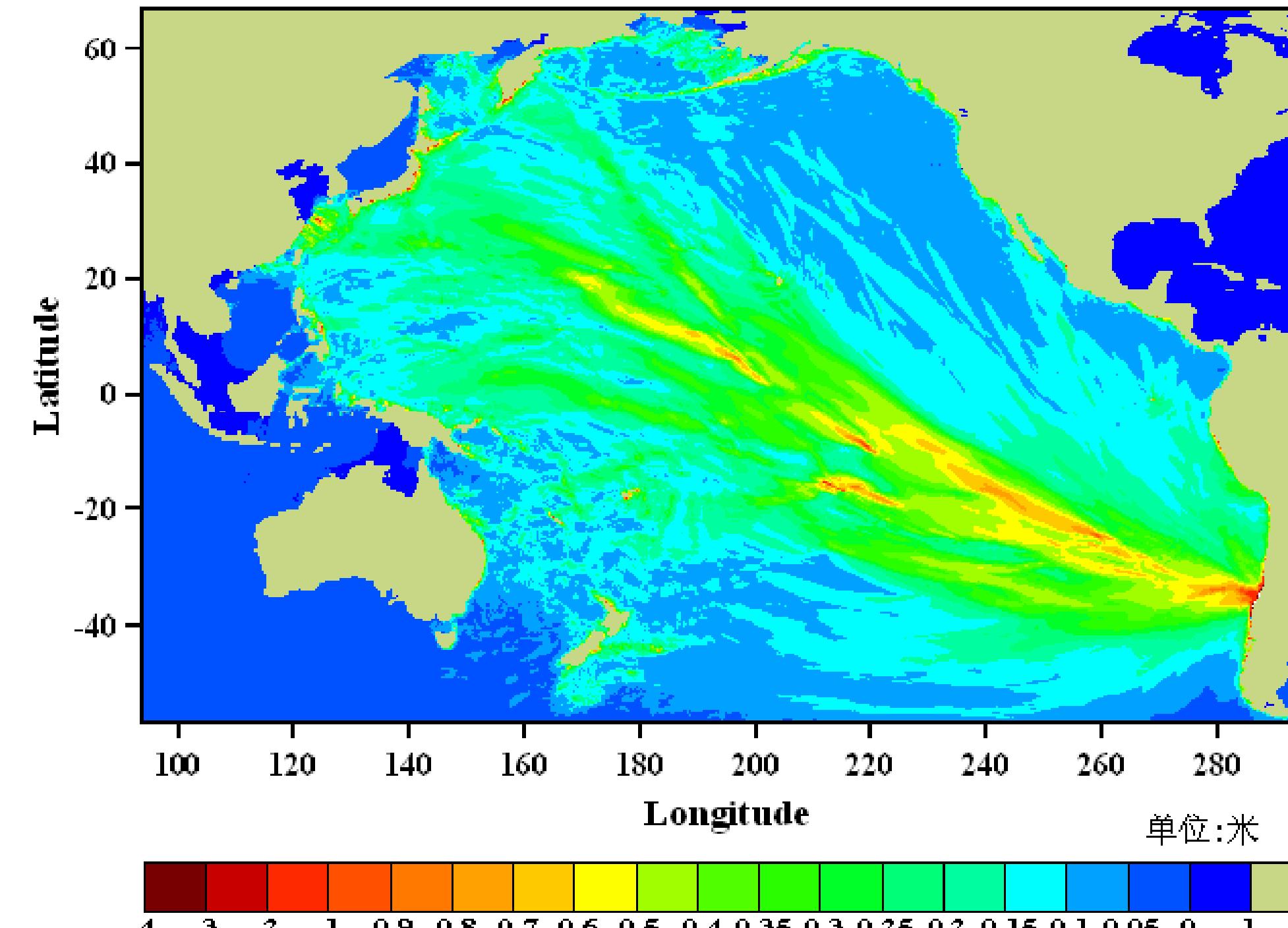
24小时后

25小时后

海啸传播时间图

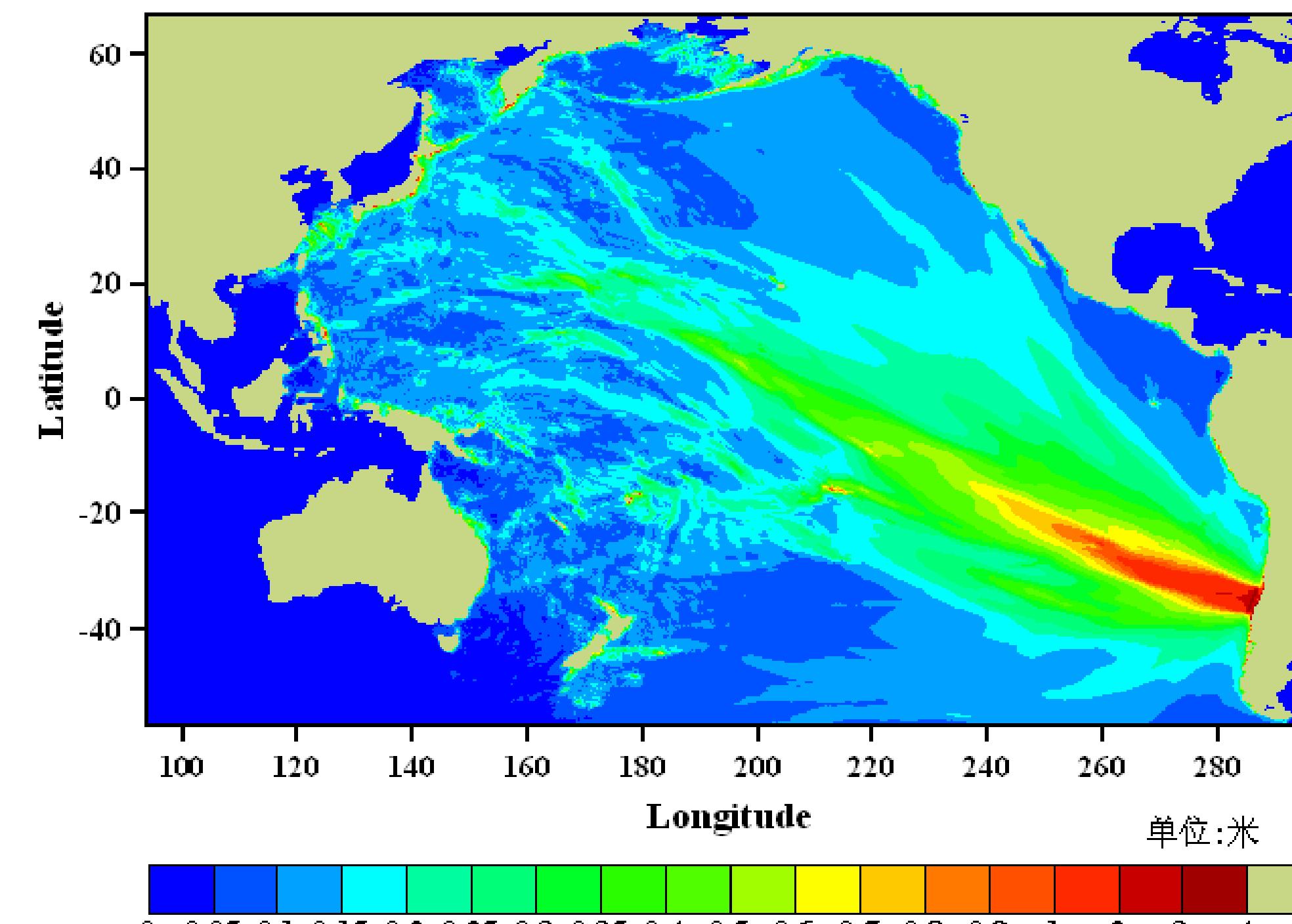


静水面波高最小值分布



单位:米

静水面波高最大值分布



单位:米