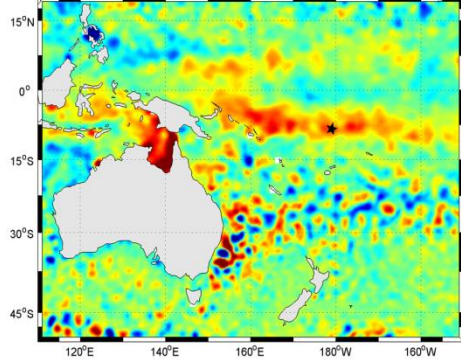
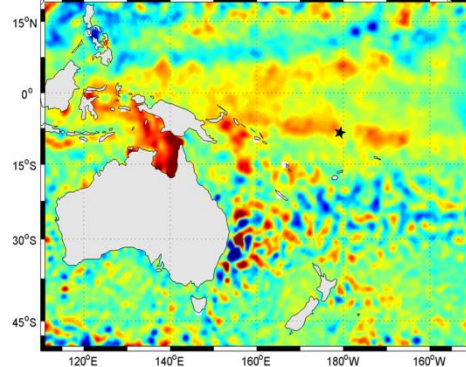


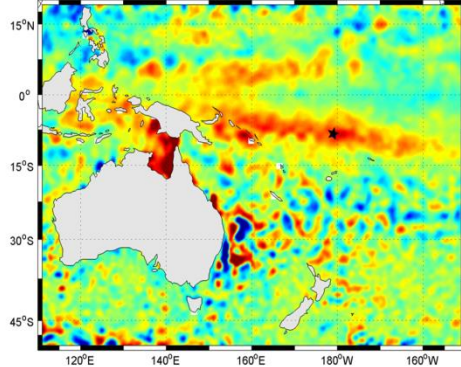
Sea Surface Height Anomaly 19940223



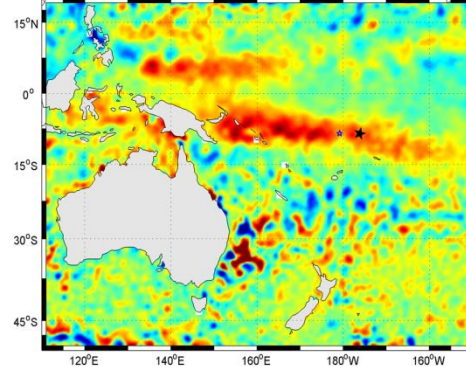
Sea Surface Height Anomaly 19960124



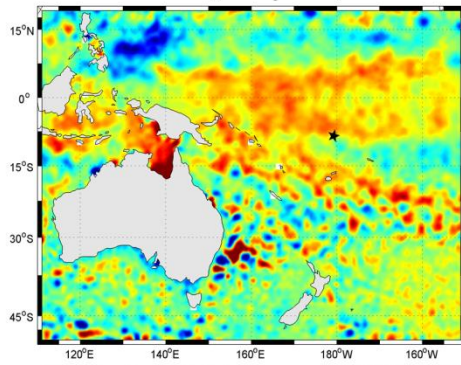
Sea Surface Height Anomaly 19960221



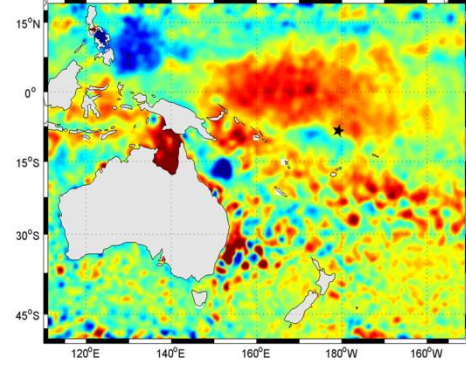
Sea Surface Height Anomaly 19960320



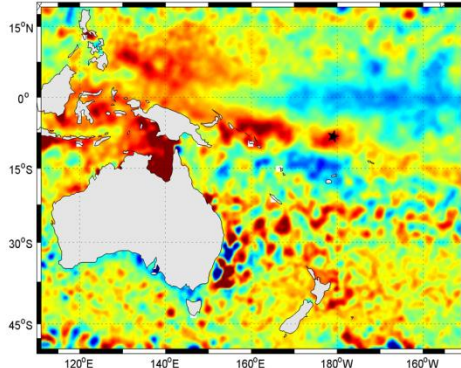
Sea Surface Height Anomaly 19970205



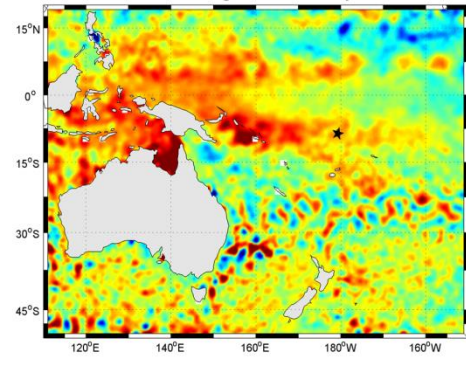
Sea Surface Height Anomaly 19970312



Sea Surface Height Anomaly 19990203

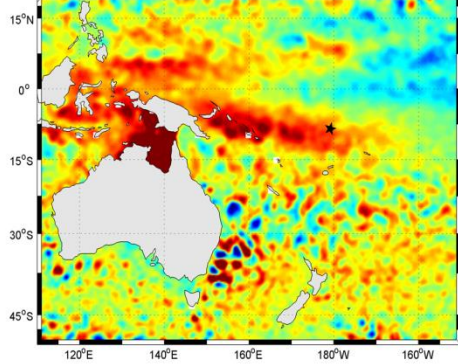


Sea Surface Height Anomaly 20000119

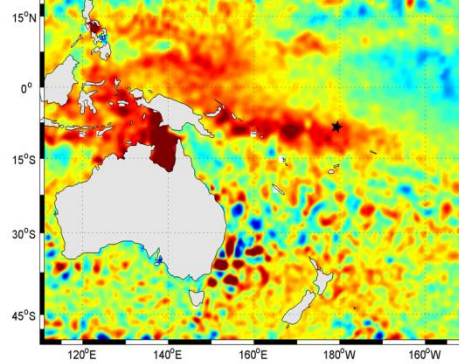




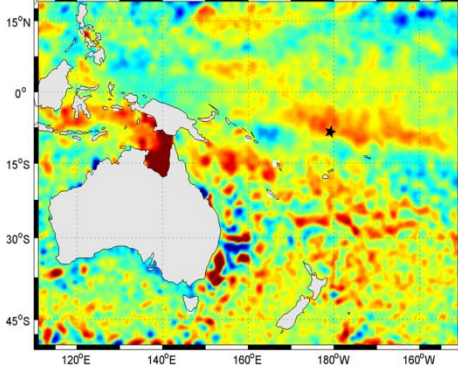
Sea Surface Height Anomaly 20010207



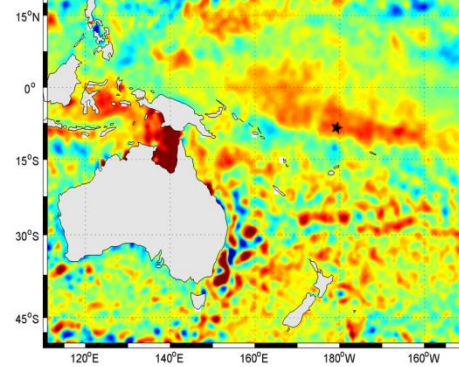
Sea Surface Height Anomaly 20010307



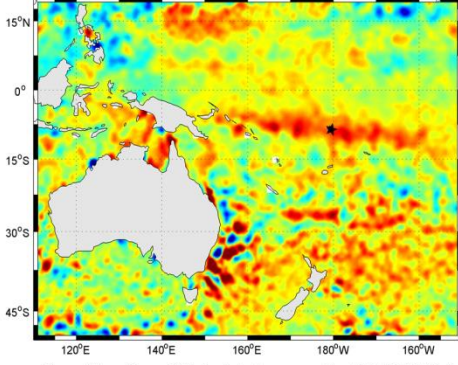
Sea Surface Height Anomaly 20020130



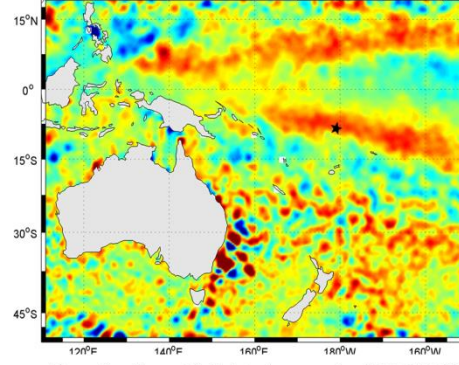
Sea Surface Height Anomaly 20020227



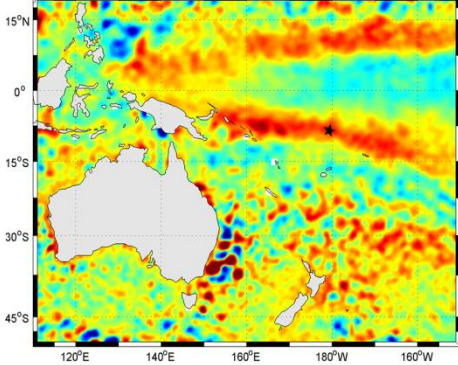
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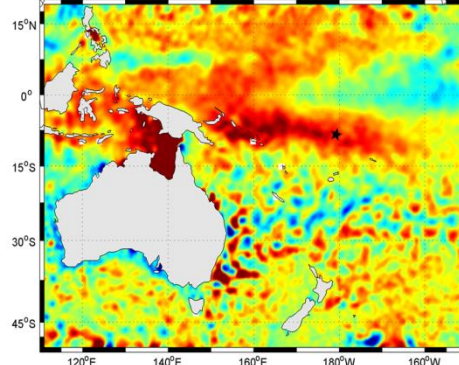
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Sea Surface Height Anomaly 20030514

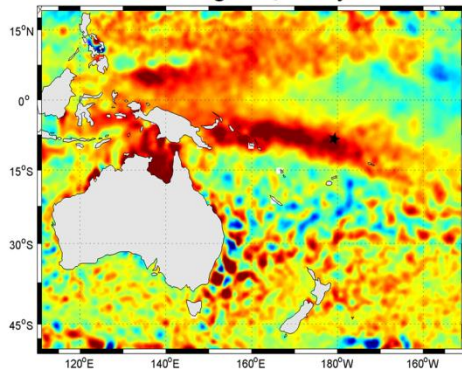


Sea Surface Height Anomaly 20060201

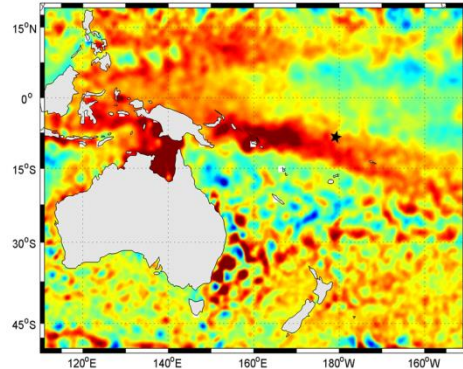




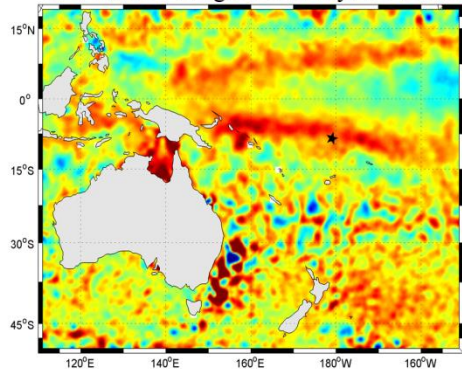
Sea Surface Height Anomaly 20060301



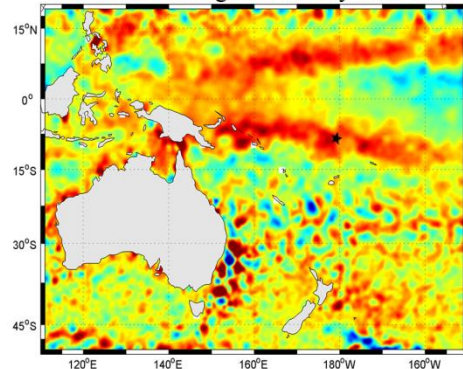
Sea Surface Height Anomaly 20060329



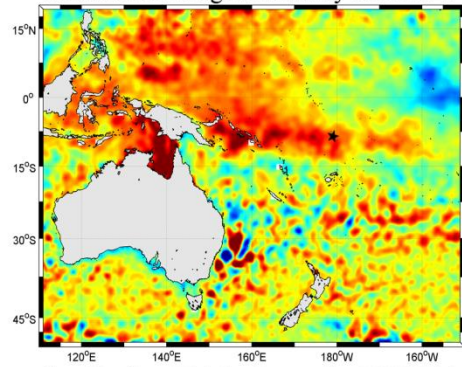
Sea Surface Height Anomaly 20070321



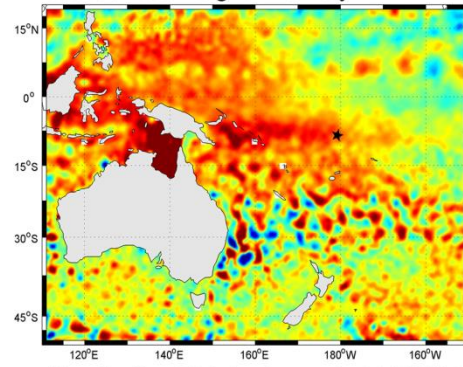
Sea Surface Height Anomaly 20070418



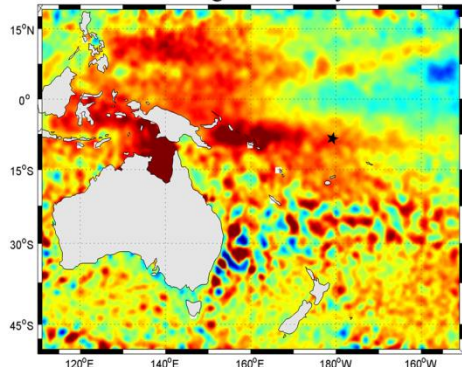
Sea Surface Height Anomaly 20080123



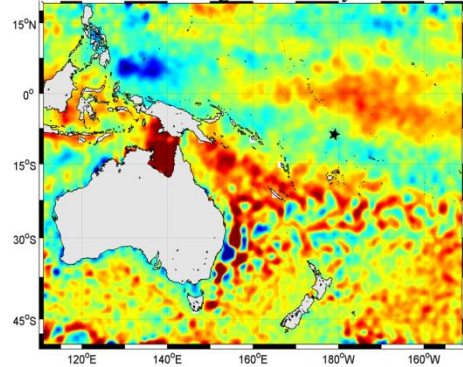
Sea Surface Height Anomaly 20090114



Sea Surface Height Anomaly 20090211



Sea Surface Height Anomaly 20100127



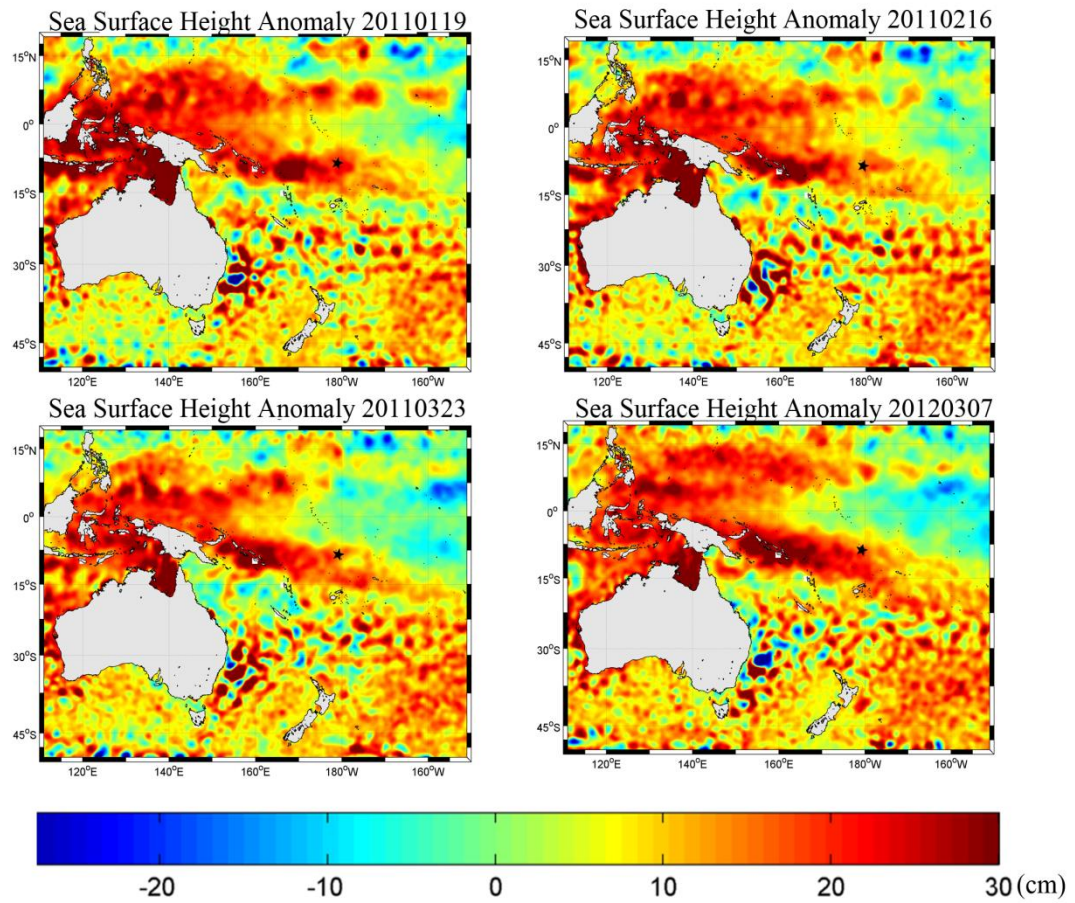


Figure S1. Maps of sea surface height anomaly during King Tide events. Star indicates the position of Tuvalu. The color bar shows the sea surface height anomaly by centimeter. Red color presents the warm water mass; while blue presents the cold water mass. The image is a 7-day average datum. The date indicated on the image is the middle date of the 7 days.