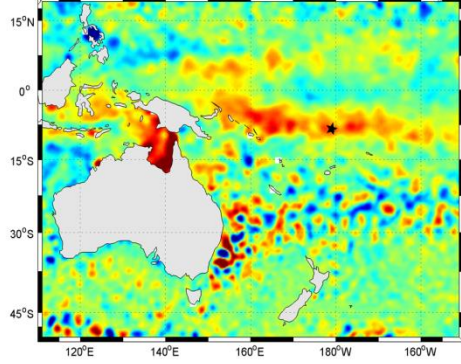
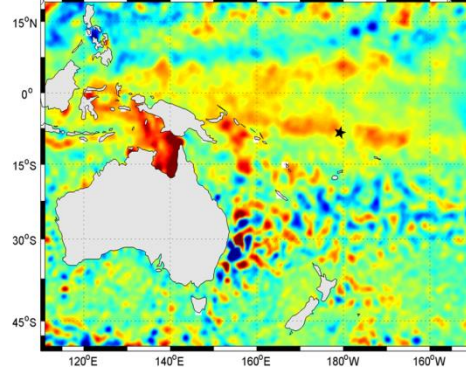


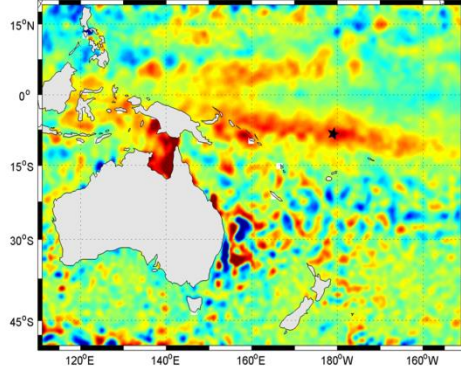
Sea Surface Height Anomaly 19940223



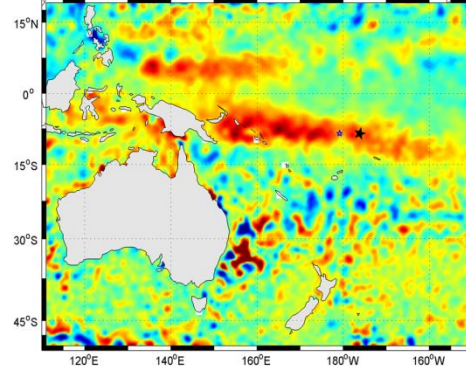
Sea Surface Height Anomaly 19960124



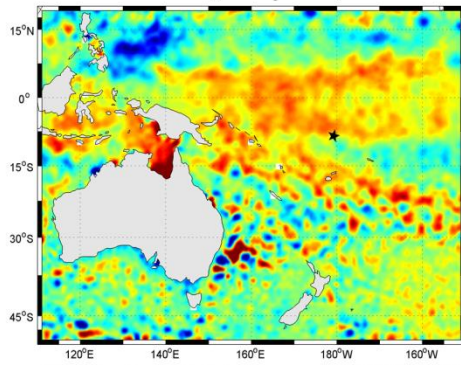
Sea Surface Height Anomaly 19960221



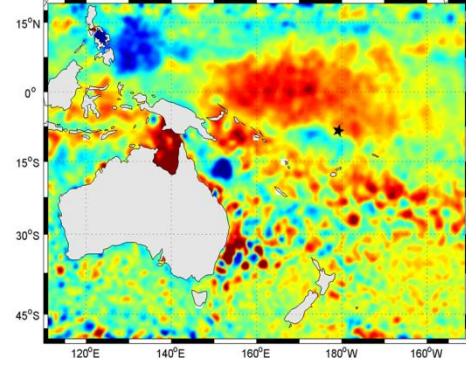
Sea Surface Height Anomaly 19960320



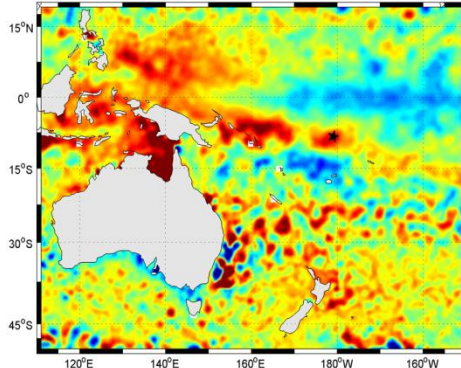
Sea Surface Height Anomaly 19970205



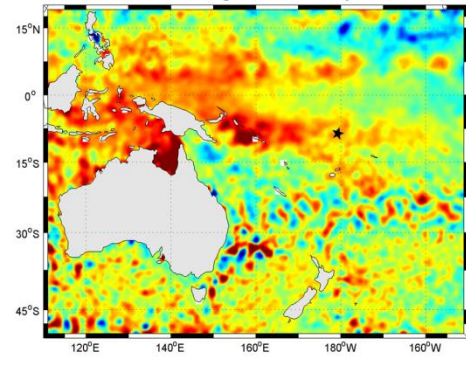
Sea Surface Height Anomaly 19970312



Sea Surface Height Anomaly 19990203

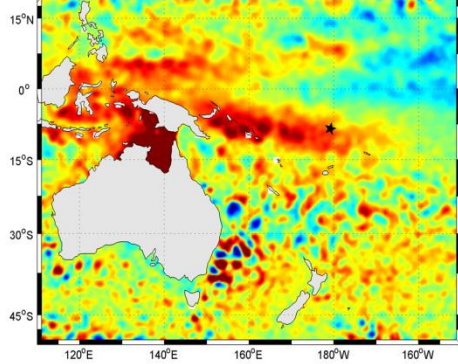


Sea Surface Height Anomaly 20000119

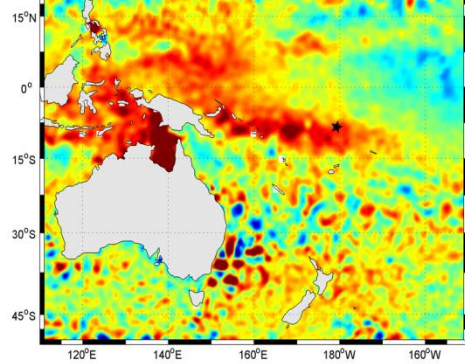




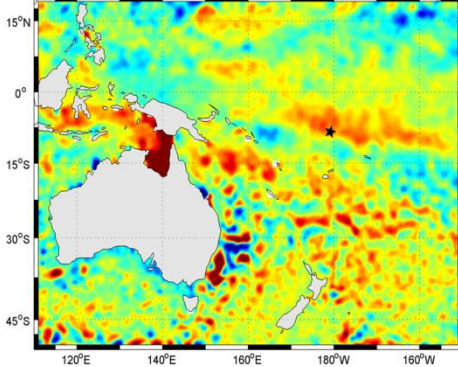
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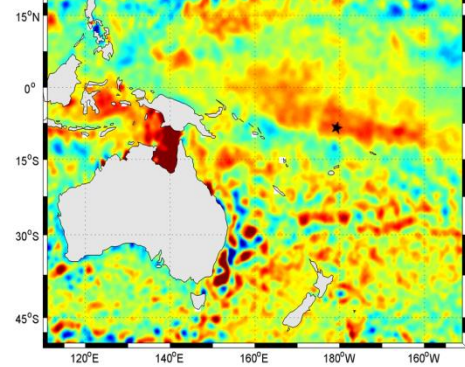
Sea Surface Height Anomaly 20010307



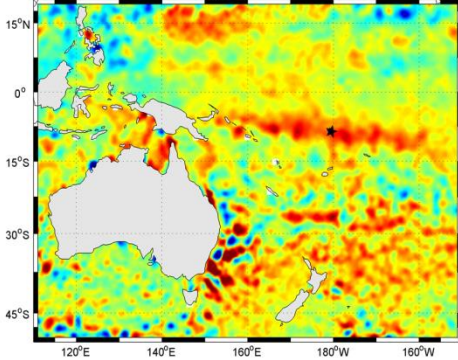
Sea Surface Height Anomaly 20020130



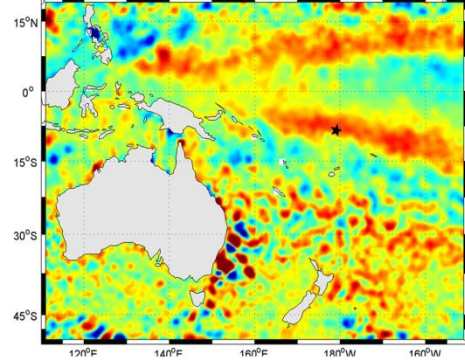
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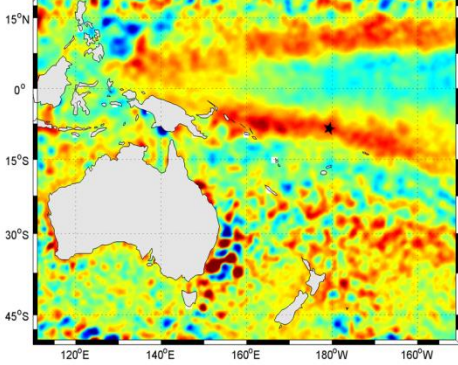
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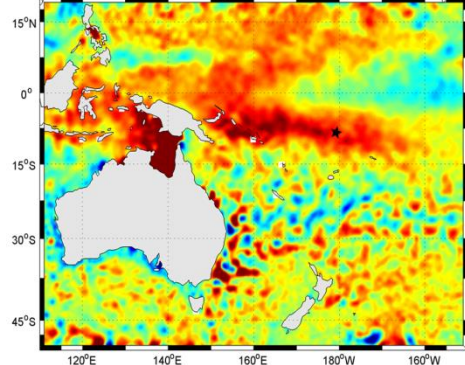
Sea Surface Height Anomaly 20030416



Sea Surface Height Anomaly 20030514

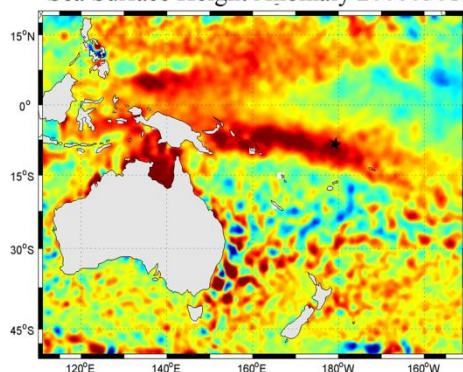


Sea Surface Height Anomaly 20060201

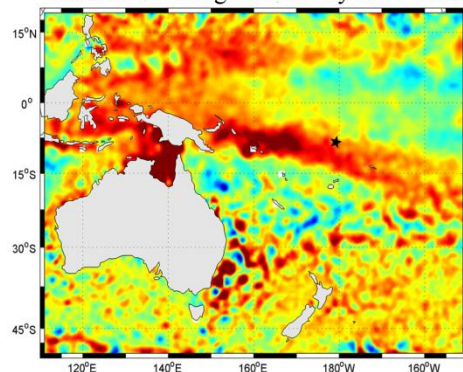




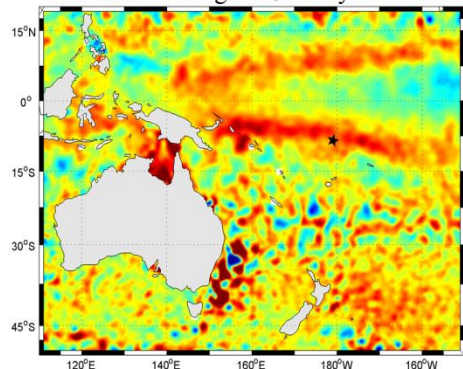
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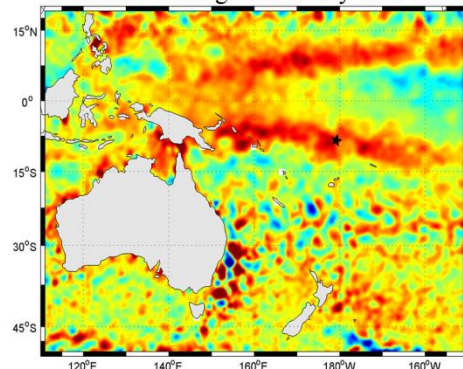
Sea Surface Height Anomaly 20060329



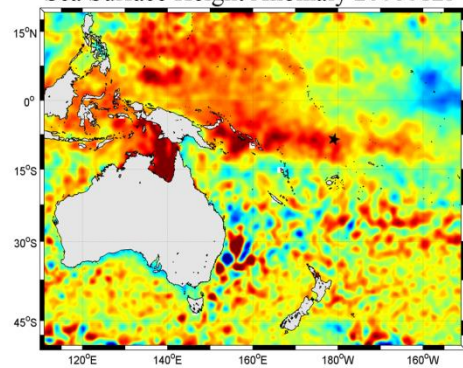
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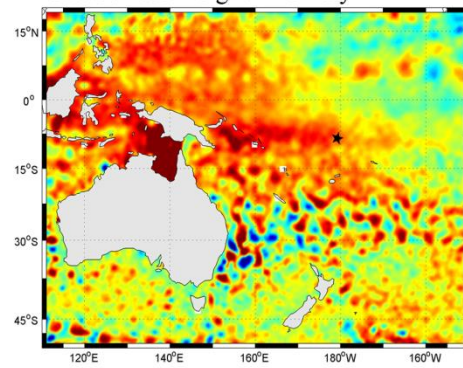
Sea Surface Height Anomaly 20070418



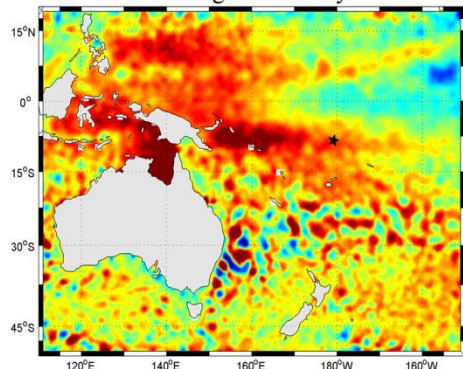
Sea Surface Height Anomaly 20080123



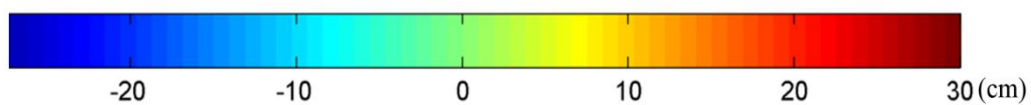
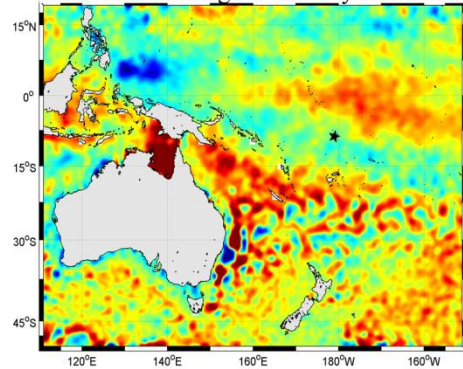
Sea Surface Height Anomaly 20090114



Sea Surface Height Anomaly 20090211



Sea Surface Height Anomaly 20100127



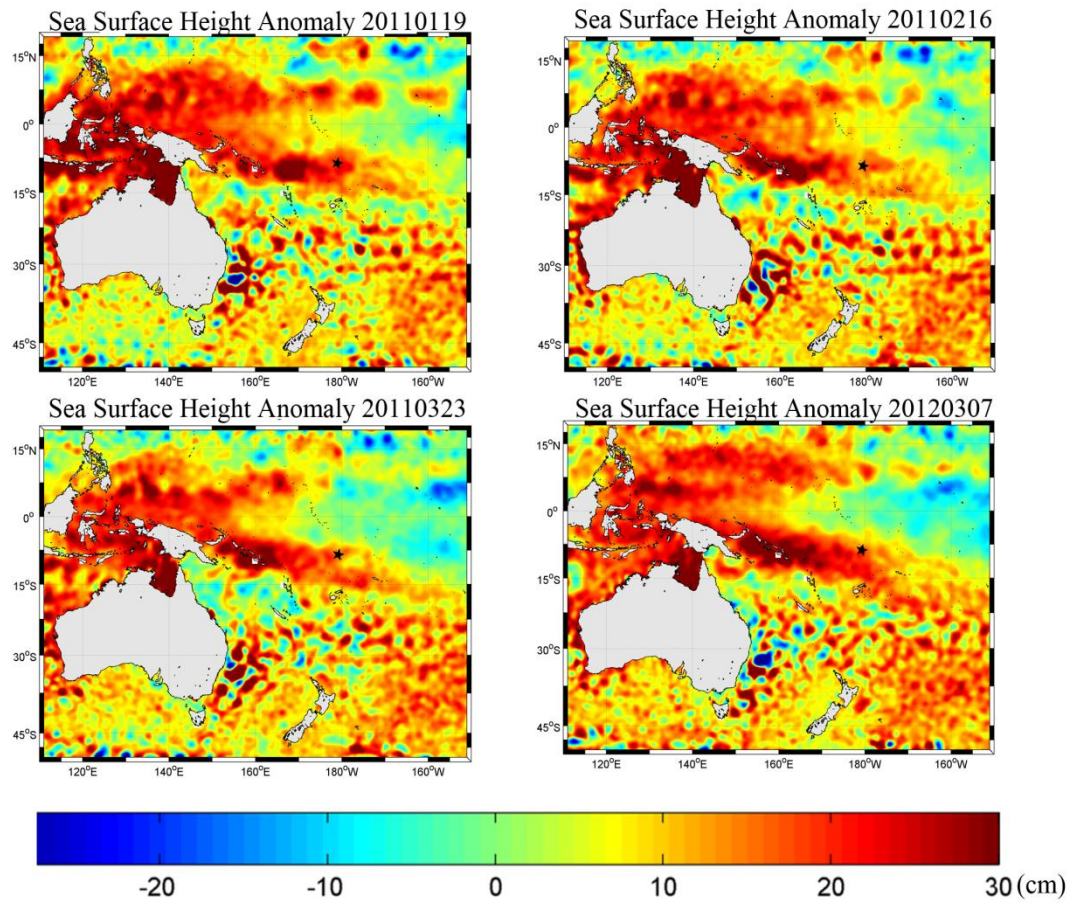


Figure S1. Maps of sea surface height anomaly during King Tide events. Star indicates the position of Tuvalu. The color bar shows the sea surface height anomaly by centimeter. Red color presents the warm-water effect; while blue presents the cold-water effect. The image is a 7-day average datum. The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