



Figure 15. TOR distributions during June of a strong El Niño year (1982) and June of a strong La Niña year (1984) are shown in the top two panels. The bottom panel shows a measure of the North/South gradient (TOR  $5^{\circ}$ - $10^{\circ}$ N - TOR  $5^{\circ}$ - $10^{\circ}$ S) plotted as a function by the black solid line and the Sea Surface Temperature Anomaly in the West/Central Pacific Ocean, a measure of the phase of the ENSO, plotted as the dashed red line. The correlation coefficient between these two variables is +0.78.