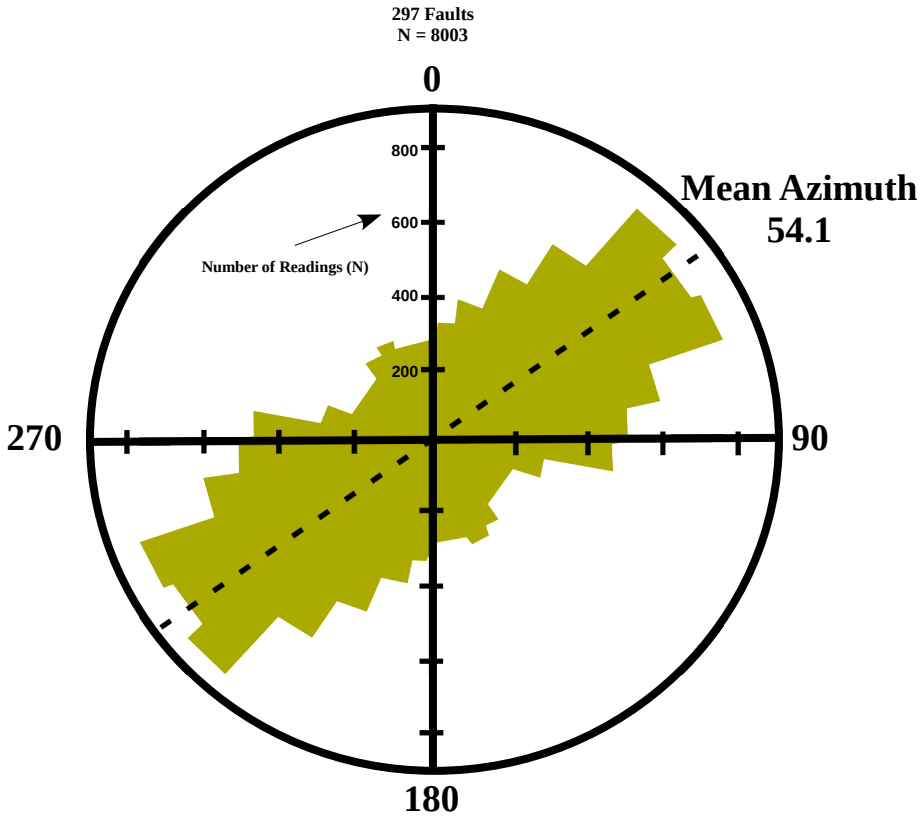
Fault Orientation Plot



The mean azimuth of the 297 fault segments mapped on the figure is equal to 54.1 degrees, roughly parallel to the coastline, and indicates the maximum horizontal stress azimuth. While the minimum horizontal stress azimuth is perpendicular, equal to 144.1 degrees.

Figure 2-33 Principal Horizontal Stresses along the Gulf Coast Region (modified from Nicholson 2012)