



Figure 37. Schematic figure illustrating the implementation plan for the North American Monsoon Experiment (NAME). Analytic, diagnostic, and model development activities will be organized using a multiscale approach. NAME includes specific research objectives addressing mesoscale (Tier 1), regional scale (Tier 2), and continental scale (Tier 3) phenomena. The N-S arrows are the Gulf of California and Great Plains low level jets. Squiggly arrows represent tropical easterly waves (TEW) and angled lines show the intensification of a TEW as it moves westward. The angled line over the Central Plains indicates a midlatitude disturbance that is propagating eastward, as indicated by the arrow. "S" indicates the origin of a Gulf of California moisture surge and the "H" indicates the locations of subtropical high pressure systems, specifically the Bermuda high in the Atlantic and the eastern Pacific subtropical high.