This series of plots captures a transition of equatorial-to-off equatorial wave perturbations prior to the formation of Typhoon Sepat. Analyzing QuikSCAT data, the authors noticed a mixed Rossby-gravity wave (A) near the equator on August 24, 2001. This wave had an asymmetric (relative to the equator), clockwise flow. When its phase propagated westward, it emitted energy eastward, leading to the generation of a second mixed Rossby-gravity wave (B) to its east. Meanwhile a clockwise circulation (C) intensified within the gyre of the original wave, leading to the development of an off-equatorial wave train oriented in a northwest-southeast direction on August 26. This equatorial-to-off equatorial transition of wave perturbations led on August 27 to the formation of Typhoon Sepat in the cyclonic vorticity region (turquoise dot) of the synoptic wave train.