

Abbreviated Tropical Cyclone Report
Tropical Depression Sixteen-E
14-16 November 2002

Miles B. Lawrence
National Hurricane Center
4 December 2002

Tropical Depression Sixteen-E was first identified as a disturbance in the Intertropical Convergence Zone on November 11th, a few hundred nautical miles south of Acapulco, Mexico. Moving northwestward, the system developed a well-defined circulation center and became a tropical depression on the 14th, while located 470 n mi south of the southern tip of Baja California. This occurred even though there were strong westerlies aloft and about 25 kt of vertical shear over the system. Later on the 14th, the low-level center became exposed and the direction of motion became west-southwestward. There were occasional bursts of convection for the next day or so, but the depression became completely devoid of convection early on the 16th and degenerated into a remnant low about 630 n mi southwest of the southern tip of Baja California.

Table 1. Best track for Tropical Depression Sixteen-E, 14-16 November 2002.

Date/Time (UTC)	Latitude (°N)	Longitude (°W)	Pressure (mb)	Wind Speed (kt)	Stage
14 / 0000	15.1	109.9	1008	25	tropical depression
14 / 0600	15.2	111.0	1007	30	"
14 / 1200	15.7	111.5	1007	30	"
14 / 1800	16.3	111.8	1007	30	"
15 / 0000	16.2	112.4	1007	30	"
15 / 0600	15.9	113.1	1007	30	"
15 / 1200	15.6	113.8	1006	30	"
15 / 1800	15.2	114.6	1007	25	"
16 / 0000	14.9	115.6	1007	25	"
16 / 0600	14.7	116.7	1007	20	remnant low
16 / 1200	dissipated				
15 / 1200	15.6	113.8	1006	30	minimum pressure

