

Preliminary Report
Tropical Depression Eleven-E
23-24 August 1999

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Tropical Depression Eleven-E formed within the northern portion of a broad area of low pressure centered a few hundred miles south of Baja California. A sequence of daily satellite images and surface analyses suggest that the precursor low developed on the 19th of August, from a tropical wave that had crossed into the Pacific basin on the 15th. Dvorak classifications on the low began late on the 21st. The low produced numerous thunderstorms and winds approaching tropical storm force over a large area but did not develop a well-defined surface center of circulation until 1800 UTC on the 23rd, when a center formed about 90 miles southwest of Cabo San Lucas. At this time the convection was already decreasing and so the initial position represents the peak intensity of the tropical cyclone. Convection gradually diminished and the depression dissipated the following day.

The “best-track” for the depression is given in Table 1.

Table 1. Best track for Tropical Depression Eleven-E, 23-24 August 1999.

Date/Time (UTC)	Latitude (°N)	Longitude (°W)	Pressure (mb)	Wind Speed (kt)	Stage
23/1800	22.0	111.3	1000	30	tropical depression
24/0000	22.7	112.3	1002	30	“
24/0600	23.1	112.8	1004	25	“
24/1200	22.6	112.9	1005	25	“
23/1800	22.0	111.3	1000	30	minimum pressure