

Tropical Cyclone Report  
Tropical Depression Four-E  
(EP042007)  
9-11 July 2007

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Tropical Depression Four-E originated from a tropical wave that moved westward from the coast of Africa on 23 June and reached the eastern Pacific by 3 July. Associated shower and thunderstorm activity increased on 6 July, with the system showing additional signs of organization the next day. After a period of slow development which may have included a northward re-formation of the system center, a tropical depression formed near 1800 UTC 9 July about 610 n mi southwest of Cabo San Lucas, Mexico. The depression moved northwestward over cooler waters under the influence of southwesterly vertical wind shear. This combination caused the system to degenerate to a non-convective remnant low on 11 July about 790 n mi west-southwest of Cabo San Lucas. The low dissipated later that day.

Table 1. Best track for Tropical Depression Four-E, 9 – 11 July 2007.

Date/Time (UTC)	Latitude (°N)	Longitude (°W)	Pressure (mb)	Wind Speed (kt)	Stage
09 / 1800	17.0	118.6	1006	30	tropical depression
10 / 0000	17.5	119.3	1006	30	"
10 / 0600	18.1	120.1	1006	30	"
10 / 1200	18.8	120.9	1006	30	"
10 / 1800	19.0	121.6	1006	25	"
11 / 0000	19.0	122.5	1007	25	"
11 / 0600	19.2	123.4	1008	25	remnant low
11 / 1200	19.4	124.3	1008	25	"
11 / 1800	19.6	125.1	1009	20	"
12 / 0000					dissipated
09 / 1800	17.0	118.6	1006	30	minimum pressure