

Tropical Cyclone Report
Tropical Depression Thirteen-E
(EP132007)
19-20 September 2007
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Tropical Depression Thirteen-E originated from a tropical wave that exited the west coast of Africa on 27 August and reached the Northeast Pacific on 7 September. The wave moved westward with little development until 18 September, when the associated convective activity became better organized. A tropical depression formed around 0600 UTC 19 September, about 1040 n mi west-southwest of the southern tip of Baja California. It did not further intensify, likely because of the inhibiting effects of cool waters and a stable atmosphere. The tropical depression moved west-northwestward and then slowly westward until it degenerated to a remnant low around 0000 UTC 21 September, about 1185 n mi west-southwest of the southern tip of Baja California. During the next few days, the remnant low subsequently prescribed a slow counterclockwise loop and then dissipated at 0600 UTC 25 September.

Table 1. Best track for Tropical Depression Thirteen-E, 19-20 September 2007.

Date/Time (UTC)	Latitude (°N)	Longitude (°W)	Pressure (mb)	Wind Speed (kt)	Stage
19/ 0600	16.1	126.8	1008	25	tropical depression
19 / 1200	17.0	127.5	1007	30	"
19 / 1800	17.4	128.4	1007	30	"
20 / 0000	17.6	129.1	1007	30	"
20 / 0600	17.7	129.6	1007	30	"
20 / 1200	17.8	130.0	1008	25	"
20 / 1800	17.8	130.2	1008	25	"
21 / 0000	17.7	130.3	1008	20	low
21 / 0600	17.5	130.5	1008	20	"
21 / 1200	17.2	130.7	1008	20	"
21 / 1800	16.8	130.7	1008	20	"
22 / 0000	16.6	130.1	1008	20	"
22 / 0600	16.8	129.4	1008	20	"
22 / 1200	16.9	128.7	1009	20	"
22 / 1800	16.9	128.2	1009	20	"
23 / 0000	16.9	127.9	1009	20	"
23 / 0600	16.9	127.6	1009	20	"
23 / 1200	16.9	127.4	1009	20	"
23 / 1800	17.0	127.3	1009	20	"
24 / 0000	17.2	127.6	1010	20	"

24 / 0600	17.3	128.0	1010	20	"
24 / 1200	17.5	128.6	1011	20	"
24 / 1800	17.9	129.3	1011	20	"
25 / 0000	18.0	130.3	1011	20	"
25 / 0600					dissipated
19 / 1200	17.0	127.5	1007	30	minimum pressure