

Tropical Cyclone Report  
Tropical Depression Six  
19-21 July 2003

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Tropical Depression Six formed from a tropical wave that moved off the coast of Africa on 14 July. Moving westward at about 20 kt, enough organized convection developed to classify the system as a tropical depression by 19 July, at a location about 900 n mi east of the Lesser Antilles. The depression moved westward for two days and was approaching the Lesser Antilles on 21 July when data from a U.S. Air Force Reserve reconnaissance aircraft indicated that the system had no closed low-level circulation. The open tropical wave continued westward across the Caribbean for a few more days. The northern part of the wave split off toward the northwest and developed into Tropical Depression Seven a few days later, while located east of Jacksonville, Florida.

Forecasts issued on 19 and 20 July brought the depression to hurricane intensity in three days. Watches and warnings were issued for several islands in the eastern Caribbean Sea as listed in Table 2. Nevertheless, the depression weakened to an open wave, bringing only a few showers across the islands.

Table 1. Best track data for Tropical Depression Six, 19-21 July 2003.

Date/Time (UTC)	Latitude (°N)	Longitude (°W)	Pressure (mb)	Wind Speed (kt)	Stage
19 / 1800	12.3	43.5	1010	30	tropical depression
20 / 0000	12.5	45.2	1010	30	"
20 / 0600	12.7	47.0	1011	30	"
20 / 1200	12.9	48.8	1011	30	"
20 / 1800	13.2	50.9	1012	30	"
21 / 0000	13.5	53.0	1012	30	"
21 / 0600	13.8	55.1	1013	30	"
21 / 1200	14.0	57.4	1012	30	"
21 / 1800	dissipated				

Table 2. Watch and warning summary for Tropical Depression Six.

Date/time (UTC)	Action	Location
20/2100	tropical storm watch issued	St. Lucia and Dominca
21/0300	tropical storm warning issued	Dominica
21/0900	tropical storm watch issued	Puerto Rico and U.S. Virgin Islands
21/1800	tropical storm warning discontinued	Dominica
21/1800	tropical storm watch discontinued	St. Lucia
21/2100	tropical storm watch discontinued	Puerto Rico and U.S. Virgin Islands

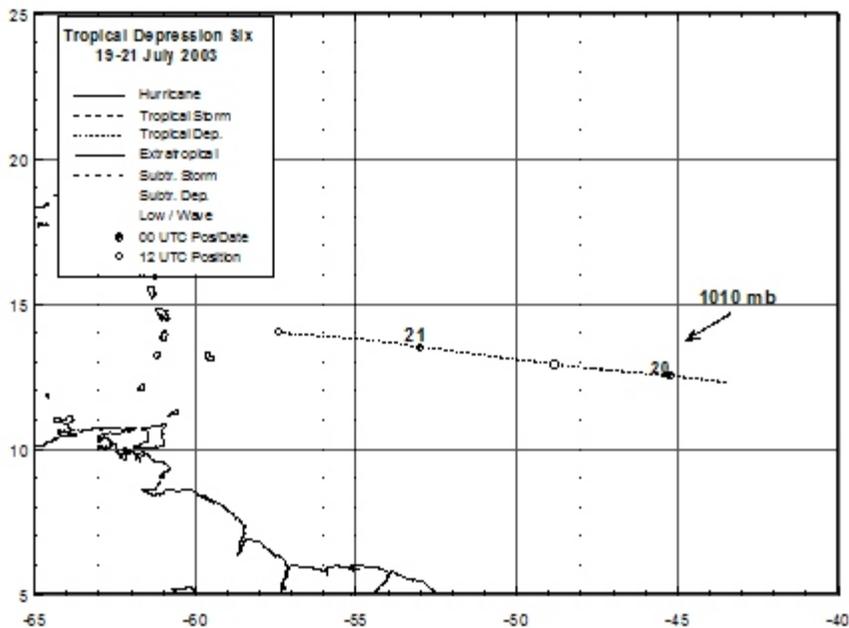


Figure 1. Best track positions for Tropical Depression Six, 19-21 July 2003.