



Australian Government
Bureau of Meteorology

Tropical Cyclone *Tiffany*
25 February – 1 March 1986

Perth Tropical Cyclone Warning Centre
Bureau of Meteorology

A. Summary

A low that formed north of Darwin developed into tropical cyclone *Tiffany* on 27 February well north of the Pilbara coast as it moved on a general west southwest track. After briefly reaching category two intensity on 28 February, *Tiffany* weakened to a tropical low on 1 March over open waters.

B. Meteorological Description

The low pressure system from which cyclone *Tiffany* developed just east of 125°E and drifted rapidly westward into the Western Australian area of responsibility.

At 0600 UTC 26 February 1986 the 1004 hPa low was at 13.8°S, 122.5°E and moving west southwest under the influence of an upper-level high located over the inland Pilbara region. The steering influence of this high maintained throughout the life of the cyclone.

At 16.2°S 117.2°E the system reached cyclonic strength (0000 UTC 27 February) however further development was inhibited by the continued rapid movement resulting from easterly winds at all levels.

By 1600 UTC 27 February the cyclone began to slow down and deepen and at 1800 UTC 28 February *Tiffany* reached its lowest central pressure of 984 hPa near 18.2°S and 107.7°E. At this time the cyclone was coming under the influence of increasing north-westerly winds in the south-western quadrant of the upper level high. Low level easterly winds persisted from an extensive low level southern ridge. Subjected to strong shearing the system began to decay rapidly, and by 0600 UTC 1 March winds had moderated below gale force near 18.9°S and 104.4°E.

The life of this system was spent entirely over the ocean. Surface information was scant, and no winds exceeding gale force were recorded.

C. Impact

There was no known impact associated with Tropical cyclone *Tiffany*.

Table 1 Best track summary for *Tiffany*, 25 February – 1 March 1986

Note: Add 8 hours to convert to WST. Refer to best track database for complete track details.

Year	Month	Day	Hour (UTC)	Position Latitude S	Position Longitude E	Max wind knots	Central Pressure hPa	Rad. of Gales nm
1986	2	25	0600	9.3	130.3		1004	
1986	2	25	1200	10.6	128.7		1004	
1986	2	25	1800	11.9	127.1		1004	
1986	2	26	0000	12.8	125.2		1004	
1986	2	26	0600	13.8	122.5	20	1004	
1986	2	26	1200	14.8	120.6	30	1000	
1986	2	26	1800	15.3	118.9	30	1000	
1986	2	27	0000	16.2	117.2	40	995	
1986	2	27	0600	17.0	115.7	45	991	
1986	2	27	1200	17.6	113.9	45	991	
1986	2	27	1800	17.7	112.5	45	991	
1986	2	28	0000	17.8	111.3	50	987	
1986	2	28	0600	17.8	109.9	50	987	
1986	2	28	1200	17.9	108.7	50	987	
1986	2	28	1800	18.2	107.7	55	984	
1986	3	1	0000	18.8	106.4	45	990	
1986	3	1	0600	18.9	105.0	35	998	
1986	3	1	1200	20.0	104.4	25	1003	

Note: Radius of gales field incomplete.

Figure 1. Track of Tropical Cyclone Tiffany, 25 February – 1 March 1986
All times in WST.

