

Tropical Cyclone (TC) 17S (Hape)*



First Poor : N/A

First Fair : 0630Z 09 Feb 03

First TCFA : 0530Z 10 Feb 03

First Warning : 1800Z 10 Feb 03

Last Warning : 1800Z 14 Feb 03, Dissipated

Max Intensity : 80 kts, gusts to 100 kts

Landfall : None

Total Warnings : 10

Remarks:

(1) Tropical Cyclone (TC) 17S was first detected as a tropical disturbance on 09 February 2003 and was initially forecast by JTWC to interact with TC 16S. Such interaction didn't take place and by the second warning the primary steering influence was a near equatorial ridge situated to the northeast. The system intensified at a Dvorak T-number a day and then stabilized near 80 knots as the system tracked eastward, south of the ridge. Outflow was enhanced by passing short-wave troughs, enabling the cyclone to attain and then maintain this intensity for approximately 48 hours. TC 17S subsequently moved equatorward as the near equatorial ridge weakened until 13 February at 1800Z. Thereafter, a subtropical ridge developed to the northeast and caused the cyclone to track poleward where it dissipated under strong vertical wind shear.

(2) No reports of damage caused by this cyclone were available.

*Named by WMO designated RSMC

Statistics for JTWC on TC17S

Statistics for JTWC on TC17S																					
WRN		BEST TRACK		POSITION ERRORS												WIND ERRORS					
DTG	NO.	LAT	LONG	wind	00	12	24	36	48	72	96	120	00	12	24	36	48	72	96	120	
03020906		12.0S	65.9E	25																	
03020912		12.4S	65.5E	25																	
03020918		12.8S	65.1E	25																	
03021000		13.4S	64.9E	30																	
03021006		14.0S	64.7E	30																	
03021012		14.6S	64.5E	35																	
03021018	1	15.3S	64.3E	40	18	50	181	385	629				0	0	-25	-50	-45				
03021106	2	16.8S	64.4E	45	18	58	191	312	414				0	-15	-35	-30	-35				
03021118	3	17.6S	66.0E	75	8	79	170	276	382				0	-15	5	10	10				
03021206	4	17.0S	68.0E	100	5	32	66	96	85				-20	0	15	10	20				
03021218	5	16.1S	69.9E	90	34	66	74	36	31				-15	0	5	25	30				
03021306	6	15.1S	71.0E	80	5	25	62	66	130				0	0	25	30	65				
03021318	7	14.7S	72.0E	80	5	78	127	207					0	20	15	35					
03021406	8	15.8S	73.2E	65	26	57	144						0	-15	5						
03021418	9	17.3S	74.4E	65	36	102							-5	15							
03021506	10	20.0S	76.4E	35	18								0								
			AVERAGE		18	61	127	197	279				4	9	16	27	34				
			BIAS										-4	-1	1	4	8				
			# CASES		10	9	8	7	6				10	9	8	7	6				

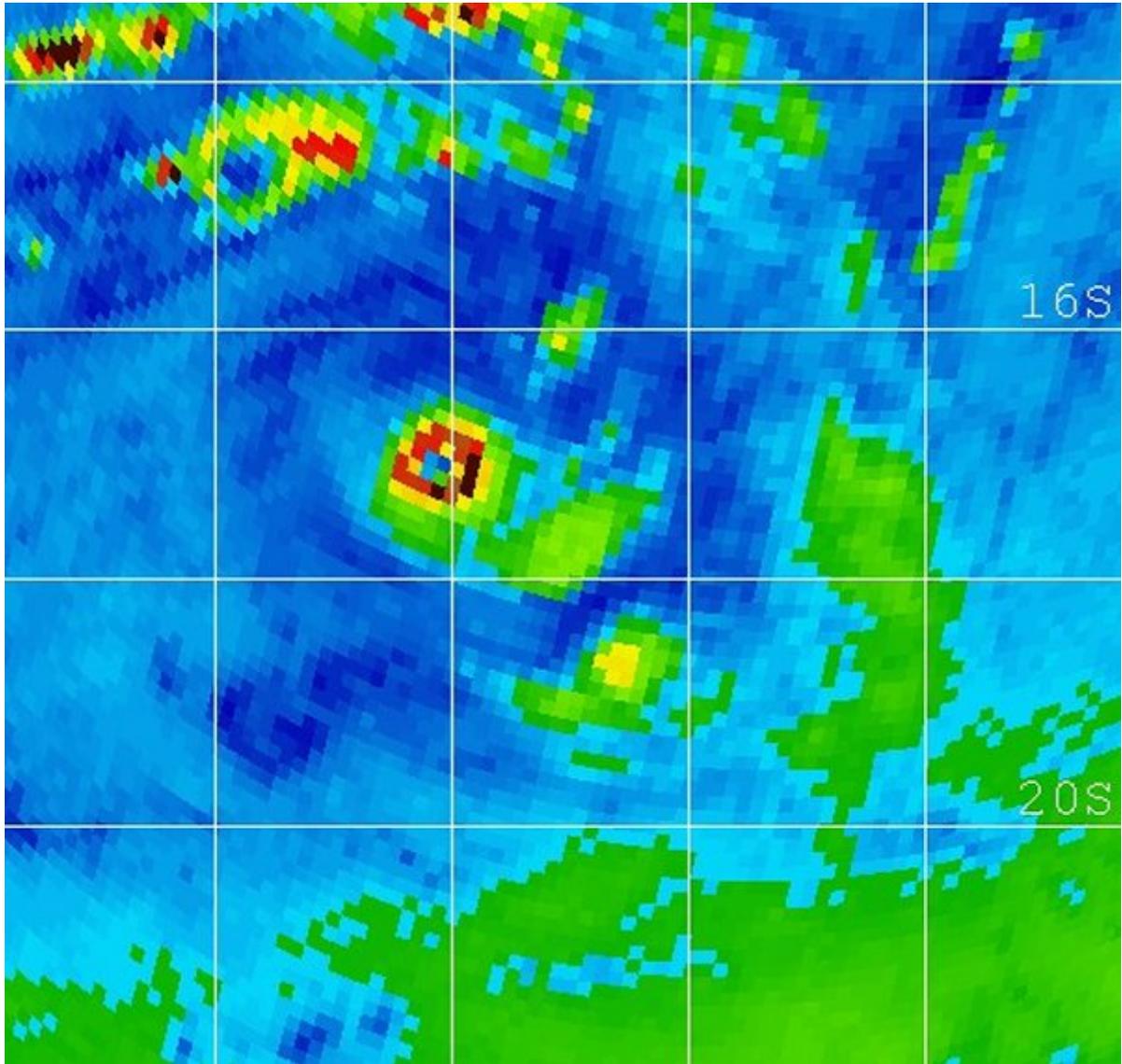
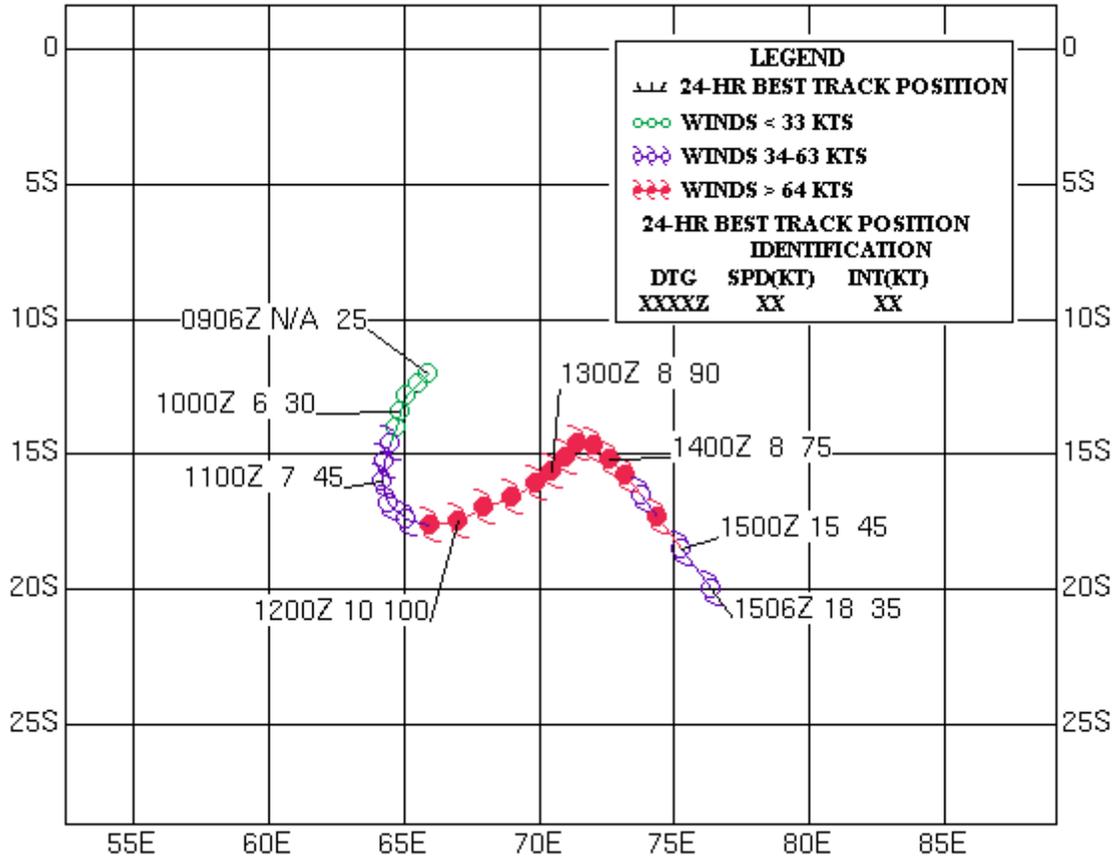


Figure 2-17S-1. 120438Z February 2003 85 GHz SSM/I imagery of TC 17S (Hape), 625 nm south-southwest of Diego Garcia, with a increasing intensity of 75 knots.

TROPICAL CYCLONE 17S (HAPE) 10-14 FEB 2003



Time Intensity for 17S

Intensity (kts)

