

## Tropical Cyclone (TC) 02S (Atang)\*



First Poor : 1100Z 03 Nov 02

First Fair : 1800Z 03 Nov 02

First TCFA : 2100Z 03 Nov 02

First Warning : 0600Z 06 Nov 02

Last Warning : 0000Z 13 Nov 02, Dissipated

Max Intensity : 45 kts, gusts to 55 kts

Landfall : Southeastern coast of Tanzania

Total Warnings : 12

Remarks:

(1) Tropical Cyclone (TC) 02S initially developed approximately 1,150 NM east-northeast of the northern tip of Madagascar. The system reached a maximum intensity of 45 kts on 06 November at 1800Z. A final warning was issued for TC 02S on 07 November and then the TC regenerated back into warning status on 09 November at 0600Z. The cyclone was finaled a second time on 10 November at 1800Z when the system was located approximately 50 NM northwest of Madagascar. The cyclone regenerated again as it entered into the warmer waters of the Mozambique Channel and was subsequently finaled on 13 November at 0000Z.

(2) TC 02S made landfall on the southeastern coast of Tanzania, however no reports of damage were available.

\*Named by WMO designated RSMC

### Statistics for JTWC on TC02S

DTG	WRN NO.	BEST TRACK		wind	POSITION ERRORS								WIND ERRORS							
		LAT	LONG		00	12	24	36	48	72	96	120	00	12	24	36	48	72	96	120
02110306		6.6S	69.6E	15																
02110312		6.8S	68.4E	15																
02110318		6.9S	67.2E	20																
02110400		7.2S	66.0E	25																
02110406		7.5S	64.6E	25																
02110412		7.6S	63.3E	25																
02110418		7.6S	62.0E	25																
02110500		7.6S	61.2E	25																
02110506		7.8S	60.6E	25																
02110512		8.1S	60.2E	25																
02110518		8.4S	59.9E	25																
02110600		8.8S	59.7E	30																
02110606	1	9.1S	59.5E	35	29	62	121	126	133				0	-10	0	5	15			
02110618	2	9.2S	58.9E	45	37	102	114	121	72				0	20	20	30	30			
02110706	3	8.5S	58.0E	35	47	109	176	178	136				0	5	15	15	0			
02110718	4	8.4S	56.1E	35	0	43							0	5						
02110906	5	10.5S	52.0E	35	29	48	45	65	130				0	0	0	15	5			
02110918	6	11.5S	50.9E	35	34	134	201	208	172				0	-10	5	-5	-10			
02111006	7	11.4S	49.6E	35	42	108	161	152	223				0	10	-5	-10	-5			
02111018	8	11.2S	48.1E	20	47	113							0	-15						
02111112	9	11.6S	44.8E	35	17	38	129	151					0	-5	-5	-5				
02111200	10	11.5S	42.7E	35	18	108	104						0	0	-5					
02111212	11	10.2S	41.1E	30	21	70							5	5						
02111300	12	10.2S	39.4E	25	11								0							
			AVERAGE		28	85	132	143	144				0	8	7	12	11			
			BIAS										0	0	3	6	6			
			# CASE		12	11	8	7	6				12	11	8	7	6			

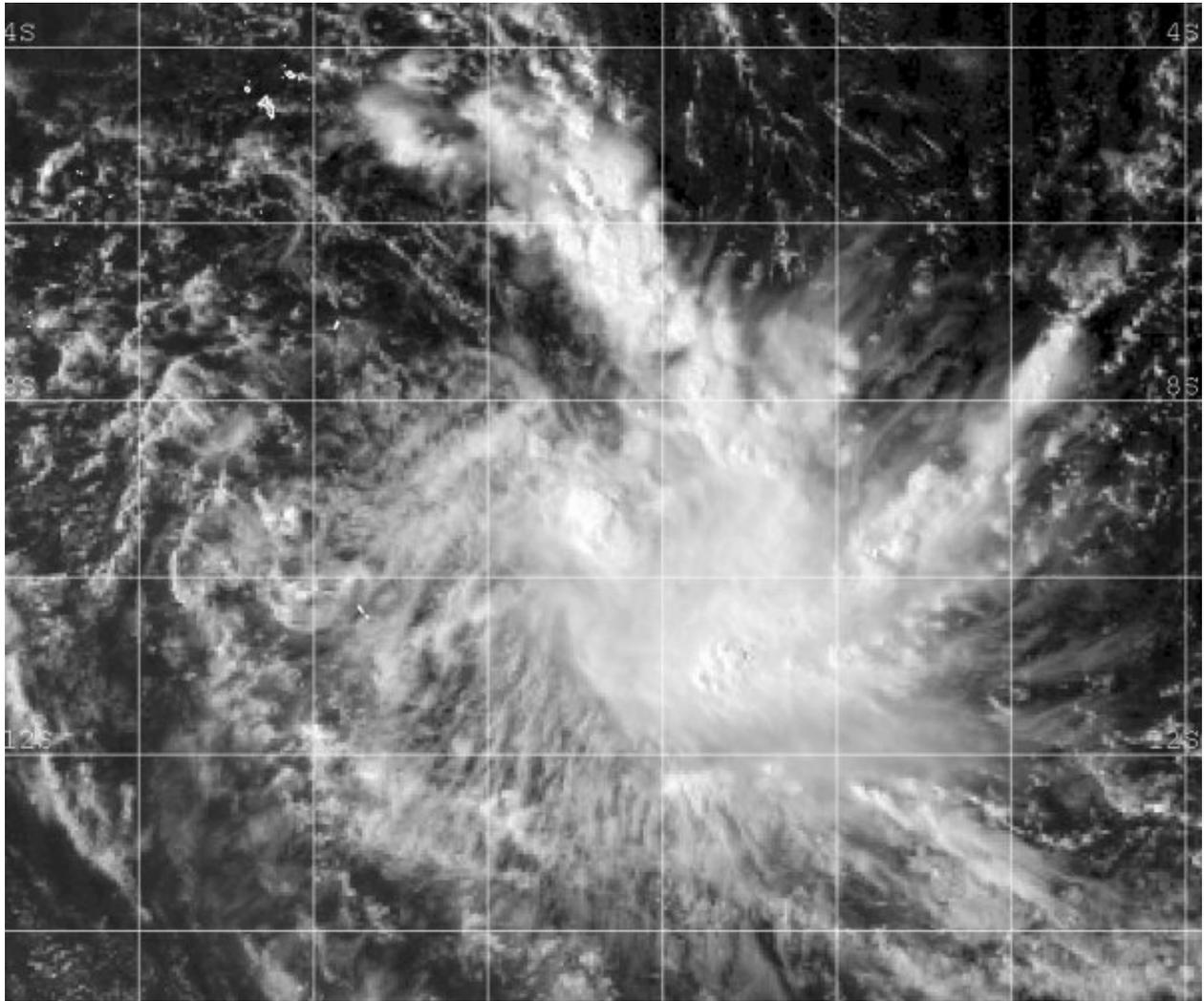


Figure 2-02S-1. 061200Z November 2002 met-5 visible satellite image of TC 02S (Atang), 705 nm northwest of Diego Garcia, with an estimated intensity of 35 knots.

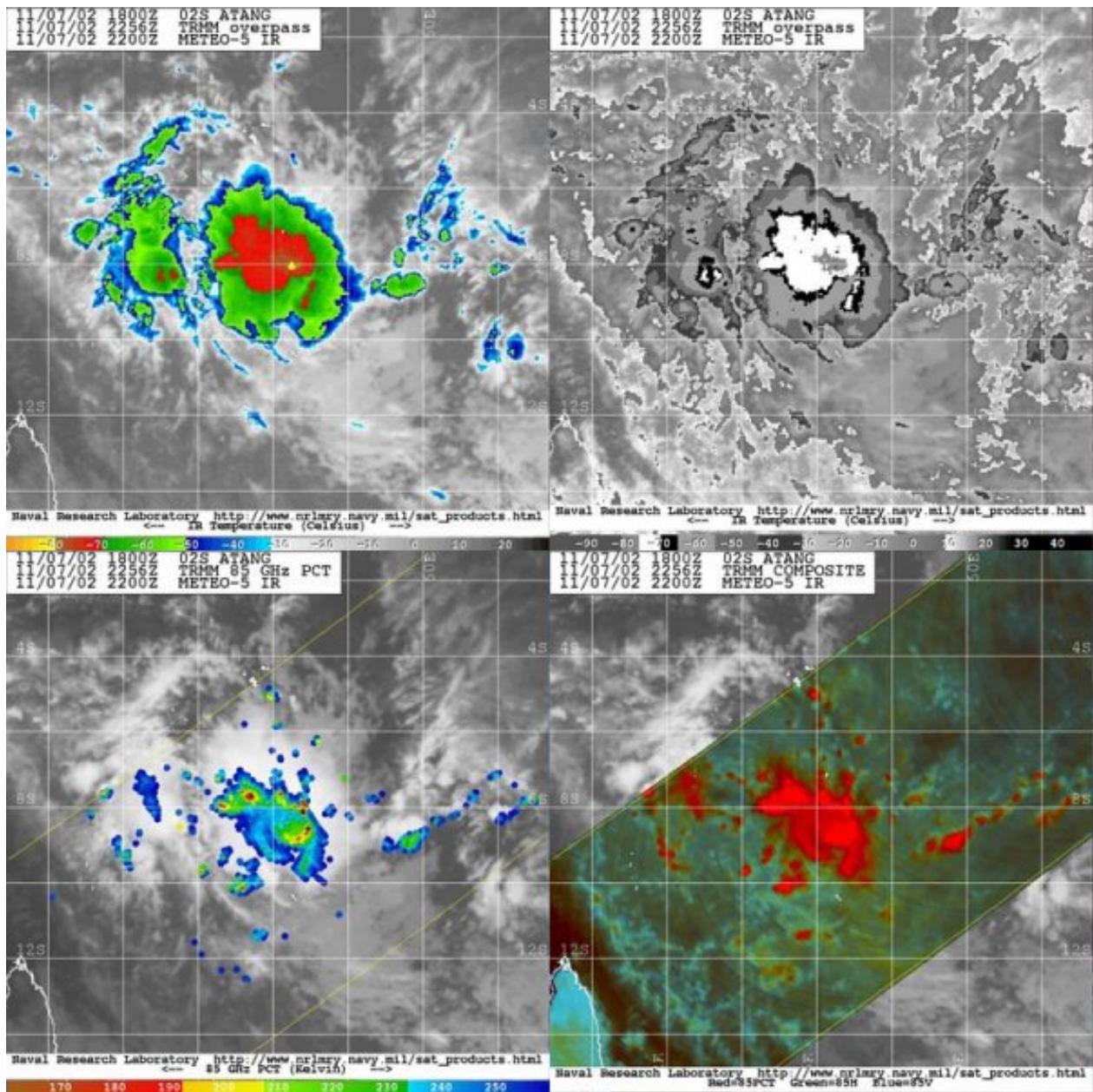
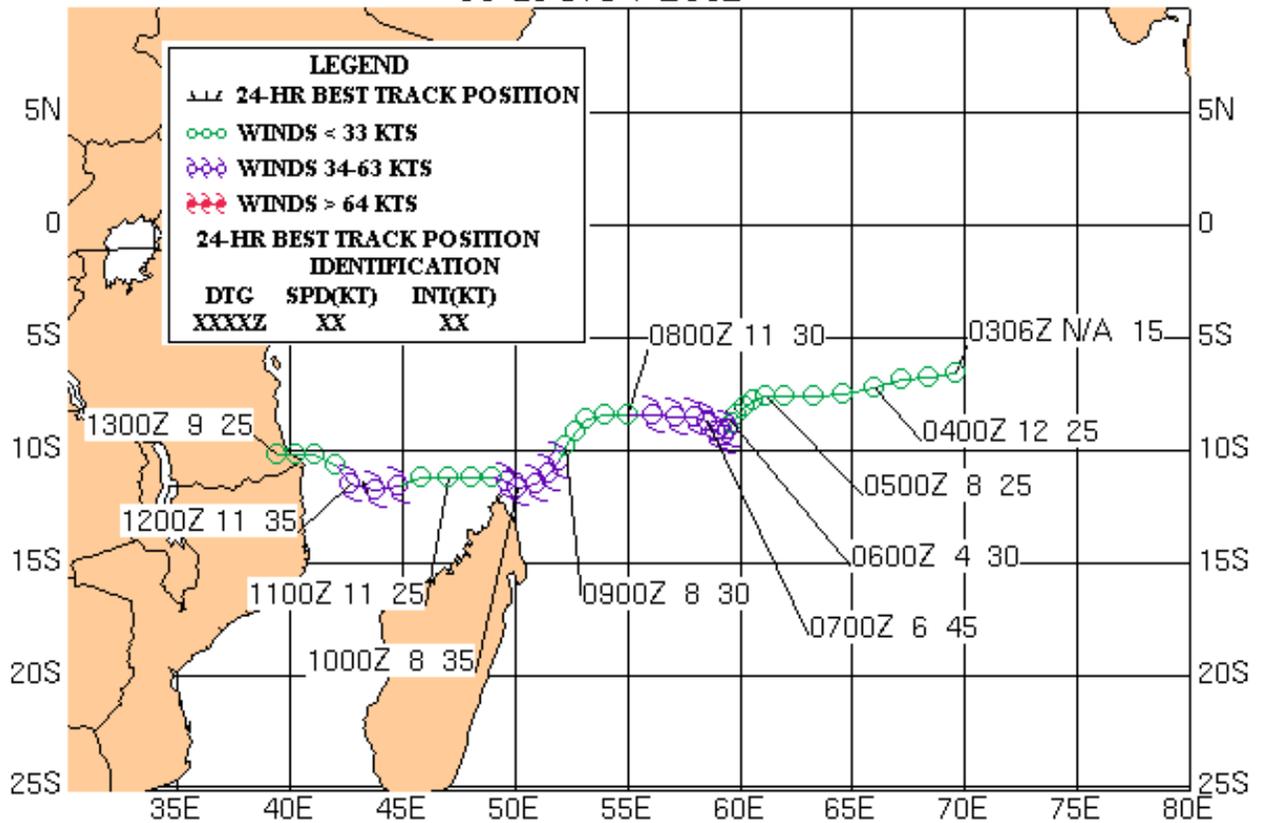


Figure 2-02S-2. 072256Z November 2002 multi-sensor satellite images of TC 02S (Atang), 975 nm west of Diego Garcia, with an estimated intensity of 45 knots.

## TROPICAL CYCLONE 02S (ATANG) 06-13 NOV 2002



# Time Intensity for 02S

Intensity (kts)

