

Tropical Cyclone (TC) 02A



First Poor : 0900Z 11 Nov 03

First Fair : 1800Z 11 Nov 03

First TCFA : 0500Z 12 Nov 03

First Warning : 1200Z 12 Nov 03

Last Warning : 0600Z 15 Nov 03

Max Intensity : 80 kts, gusts to 100 kts

Landfall : N/A

Total Warnings : 11

Remarks:

(1) TC 02A was first noted as an area of developing convection on 11 November, approximately 600 nm west of Cochin, India, in the Arabian Sea. The system quickly became more organized and the first warning was issued one day later by JTWC. TC 02A continued to intensify and reached a maximum intensity of 80 knots. TC 02A tracked along the southern periphery of a low to mid tropospheric subtropical ridge located north and west of the cyclone throughout the cyclone life span. By 0600Z on the 15th, microwave imagery revealed that deep convection became decoupled from the low level circulation and a final warning was issued.

Subsequent to the final warning, the low level circulation center was tracked by satellite for a further 72 hours, at which time the cyclone dissipated completely over water.

(2) No damage reports were received associated with this system.

Statistics for JTWC on TC02A

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
03111012		8.7N	67.1E	15																
03111018		8.5N	66.4E	15																
03111100		8.3N	65.7E	15																
03111106		8.0N	65.1E	15																
03111112		7.6N	64.2E	15																
03111118		7.1N	63.0E	15																
03111200		6.5N	61.6E	20																
03111206		6.2N	60.6E	25																
03111212	1	6.1N	60.0E	30	11	43	80	86	70				0	-20	-25	-30	-15			
03111300	2	6.2N	58.8E	55	18	38	36	46	103				0	0	0	20	55			
03111306	3	6.2N	58.2E	60	5	0	25	54	119	230			0	0	0	45	60	45		
03111312	4	6.1N	57.6E	65	5	8	32	90	173	280			0	0	15	45	50	35		
03111318	5	6.1N	57.0E	70	11	35	34	104	171	367			5	0	35	55	45	-10		
03111400	6	5.9N	56.2E	75	5	40	108	198	289	414			10	40	50	45	35	-10		
03111406	7	5.7N	55.7E	80	13	48	131	203	276	435			5	35	45	35	25	-5		
03111412	8	5.8N	55.2E	65	43	129	228	322	405				0	15	15	5	-10			
03111418	9	5.9N	54.8E	50	5	101	191	258	376				0	10	0	-5	-10			
03111500	10	6.0N	54.6E	40	65	173	270	371					0	0	-5	-10				
03111506	11	6.0N	54.4E	30	30	102	208	326					0	-5	-10	-15				
03111512		6.0N	54.1E	30																
03111518		6.0N	53.8E	30																
03111600		5.9N	53.5E	30																
03111606		5.8N	53.2E	30																
03111612		5.6N	52.8E	30																
03111618		5.0N	52.3E	30																
03111700		4.4N	51.7E	30																
03111706		3.7N	51.5E	30																
03111712		3.2N	51.5E	30																
03111718		2.7N	51.6E	30																
03111800		2.5N	51.8E	25																
03111806		2.4N	52.0E	25																
			AVERAGE		20	65	122	187	220	345			2	11	18	28	34	21		
			BIAS										2	7	11	17	26	11		
			# CASES		11	11	11	11	9	5			11	11	11	11	9	5		

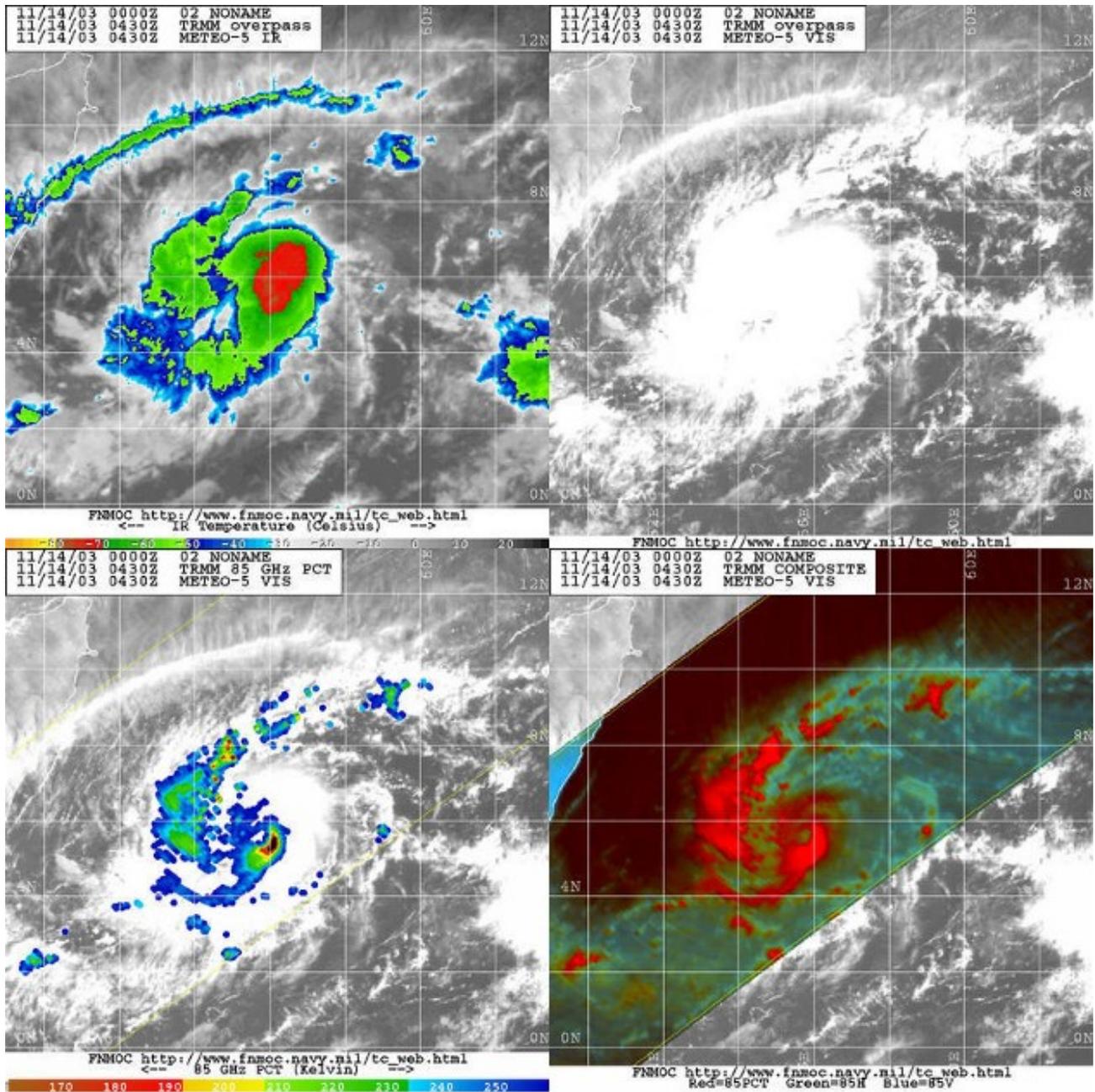
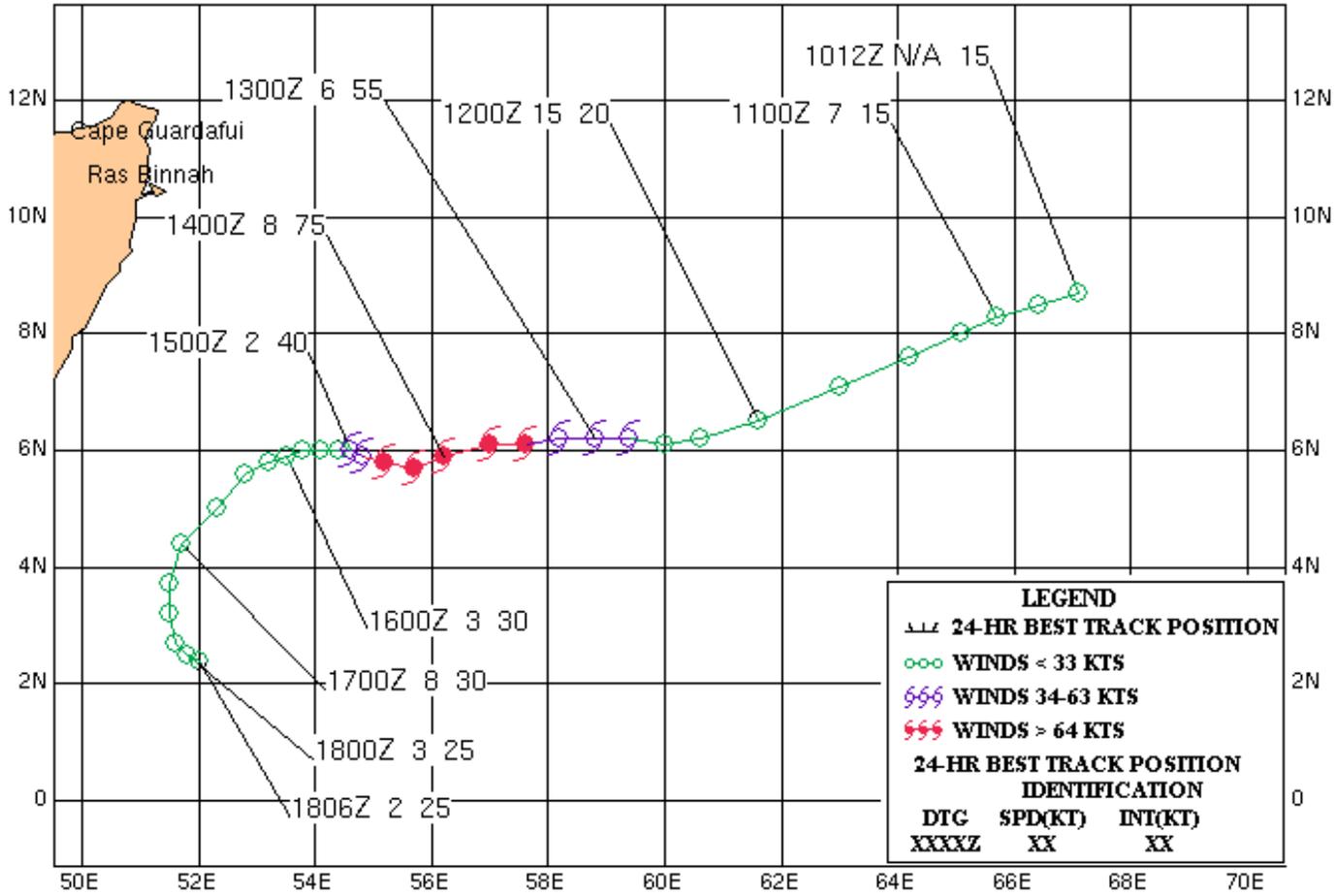


Figure 1-02A-1. 140430Z November 2003 multi-sensor satellite images of TC 02A, located 650 nm northeast of the Mogadishu, with an peak intensity of 85 knots.

TROPICAL CYCLONE 02A 12 - 15 NOVEMBER 2003



12N
10N
8N
6N
4N
2N
0

12N
10N
8N
6N
4N
2N
0

50E 52E 54E 56E 58E 60E 62E 64E 66E 68E 70E

Cape Guardafui
Ras Binnah

1300Z 6 55
1200Z 15 20
1100Z 7 15
1012Z N/A 15
1400Z 8 75
1500Z 2 40
1600Z 3 30
1700Z 8 30
1800Z 3 25
1806Z 2 25

Time Intensity for 02A

Intensity (kts)

