

Tropical Cyclone (TC) 12P (Beni)*



First Poor : N/A

First Fair : 1900Z 24 Jan 03

First TCFA : 2100Z 24 Jan 03

First Warning : 0000Z 25 Jan 03

Last Warning : 1200Z 31 Jan 03, Dissipation

Max Intensity : 125 kts, gusts to 150 kts

Landfall : None

Total Warnings : 14

Remarks:

(1) Tropical Cyclone (TC) 12P was initially described as a tropical disturbance north of Fiji on 24 January, 2003. Approximately 6 hours later, on 25 January at 0000Z, JTWC issued the first warning on this cyclone. Initial warning issuance occurred while the system was intensifying at a climatological rate and moving slowly west-southwest along the northwestern periphery of the low to mid level subtropical ridge.

TC 12P began to track southeastward along the western periphery of the steering ridge. At 0000Z on 29 January, TC 12P reached its peak intensification of 125 knots as it encountered a favorable environment of weak vertical wind shear and good outflow aloft. TC 12P then began to track southwestward as the system started its downward intensity trend and weakened.

Rapid dissipation started at approximately 1200Z on 30 January due to TC 12P tracking into an environment of high vertical wind shear and decreasing outflow aloft.

(2) Available reports indicate no casualties or damage were associated with this cyclone.

*Named by WMO designated RSMC

Statistics for JTWC on TC12P

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
03012412		12.9S	162.0E	20																
03012418		13.0S	161.7E	25																
03012500	1	13.1S	161.4E	30	6	17	57	71	67				5	10	15	15	20			
03012512	2	12.9S	160.9E	35	26	88	130	126	105				0	5	0	5	15			
03012600	3	12.4S	161.0E	40	11	21	46	38	42				0	0	5	20	5			
03012612	4	12.7S	161.3E	50	5	6	29	27	12				0	5	10	-5	-10			
03012700	5	13.0S	160.8E	55	18	50	71	72	81				5	15	5	-5	-35			
03012712	6	13.8S	160.8E	55	13	35	24	30	99				5	-10	-20	-55	-50			
03012800	7	14.7S	160.7E	75	5	17	58	106	186				0	-10	-45	-40	-20			
03012812	8	15.6S	161.1E	90	5	58	124	210	263				-5	-40	-30	-5	30			
03012900	9	16.5S	162.7E	125	8	60	144	190	147				0	5	20	45	70			
03012912	10	17.8S	164.9E	125	5	46	116	73	45				0	15	35	60	60			
03013000	11	19.1S	167.7E	105	6	29	35	140	244				10	30	60	65	65			
03013012	12	20.8S	169.3E	75	16	62	167	290	331				0	25	30	30	20			
03013100	13	22.3S	168.0E	40	13	85	143	160	139				0	0	0	0	-5			
03013112	14	24.1S	165.2E	30	42	90							-5	-5						
03013118		24.3S	163.1E	30																
03020100		23.8S	161.7E	25																
03020106		23.4S	160.6E	25																
03020112		23.1S	159.6E	25																
03020118		22.6S	158.7E	25																
03020200		22.3S	158.0E	25																
03020206		22.0S	157.4E	25																
03020212		21.5S	156.6E	25																
03020218		21.1S	155.8E	25																
03020300		20.9S	154.7E	25																
03020306		20.5S	153.7E	25																
03020312		20.3S	153.2E	25																
03020318		20.5S	152.7E	25																
03020400		20.7S	152.1E	20																
03020406		20.6S	151.3E	20																
03020412		20.2S	150.6E	20																
03020418		19.9S	150.2E	20																
03020500		20.1S	149.7E	20																
			AVERAGE		13	47	88	118	135				3	13	21	27	31			
			BIAS										1	3	7	10	13			
			# CASES		14	14	13	13	13				14	14	13	13	13			

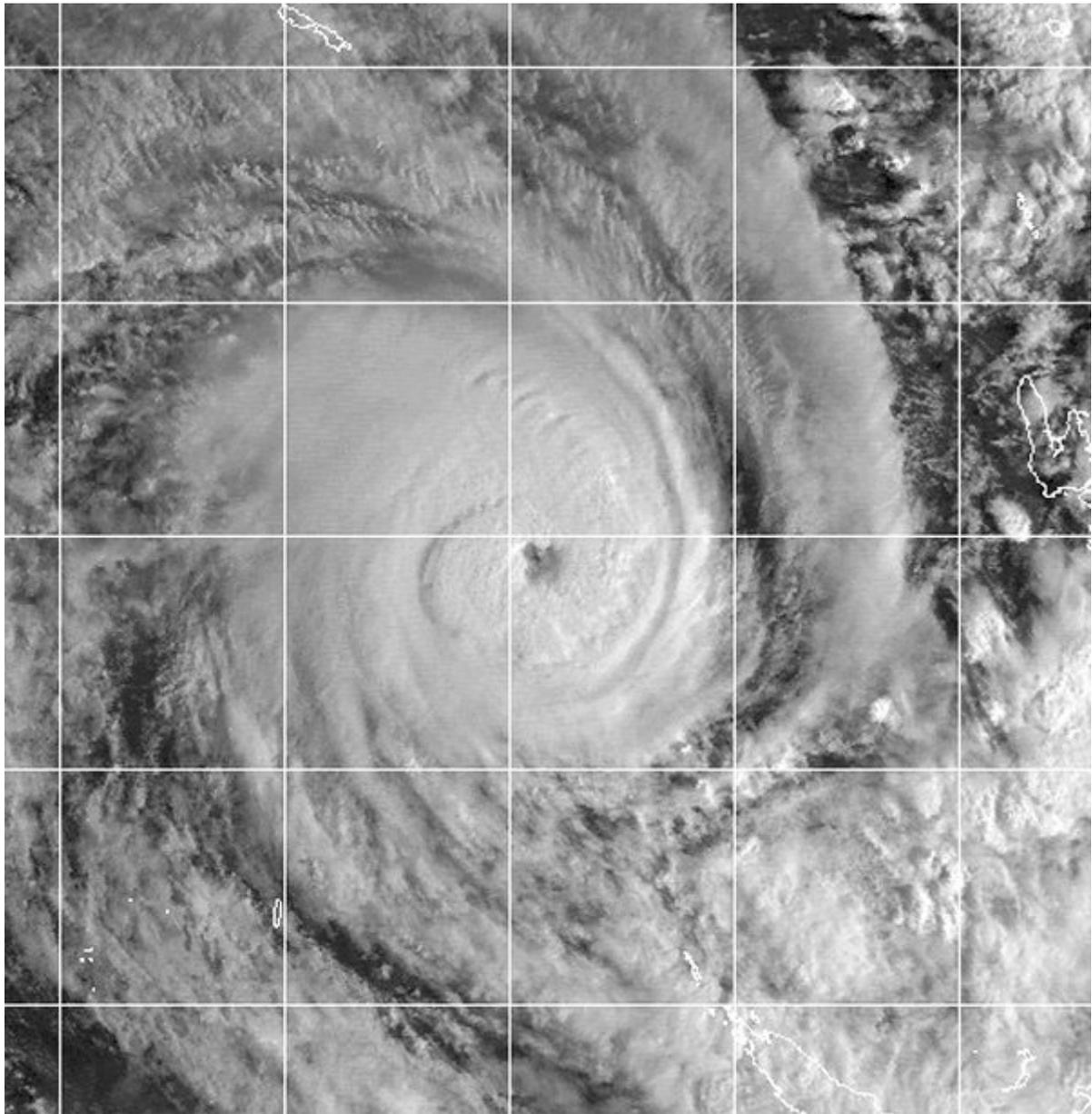


Figure 2-12P-1. 282112Z January 2003 GMS-5 visible imagery of TC 12P (Beni), 160 nm north of New Caledonia, with a peak intensity of 125 knots.

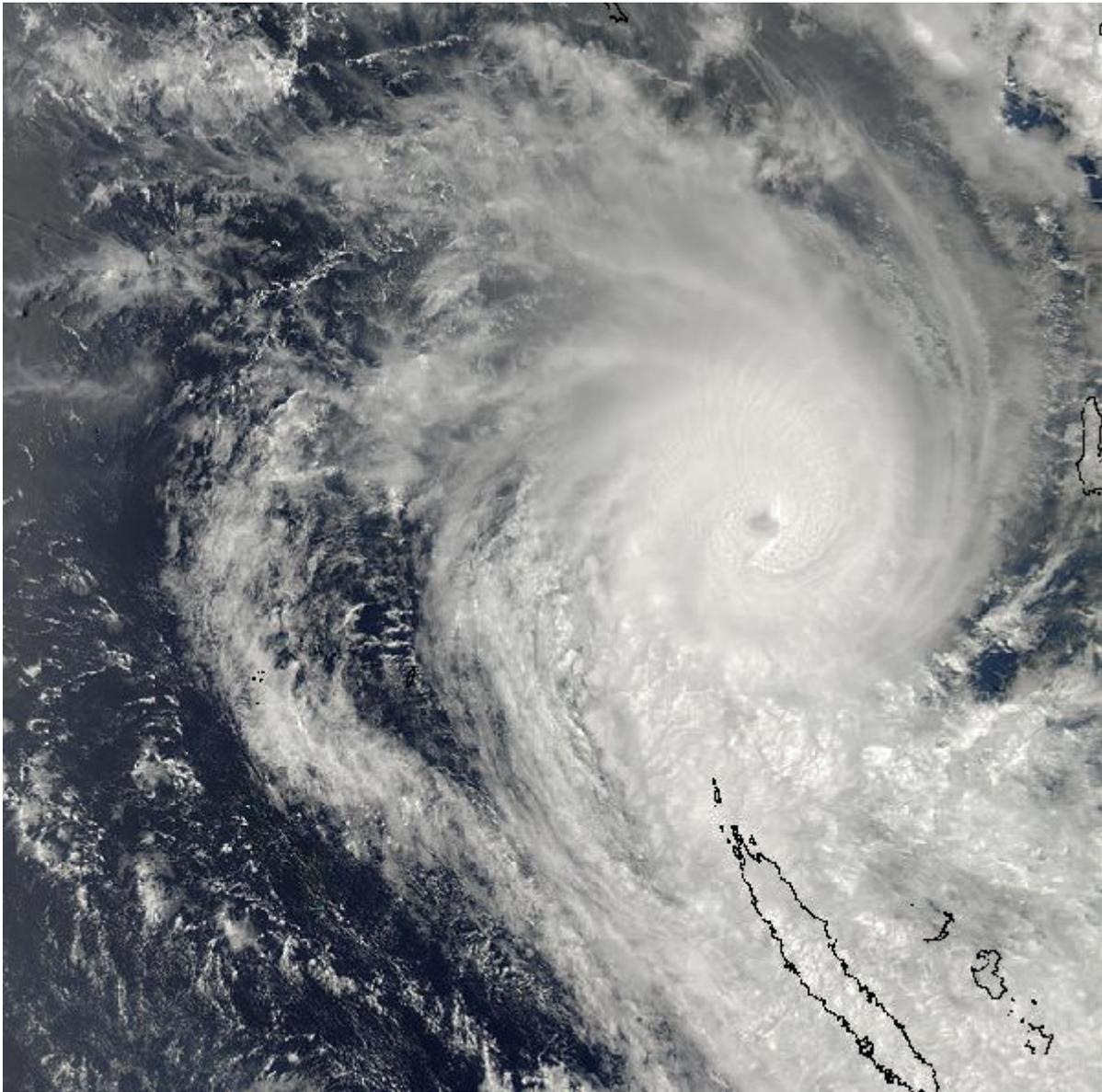


Figure 2-12P-2. 290315Z January 2003 MODIS true-color image of TC 12P (Beni), located 190nm north of New Caledonia, with a maximum intensity of 125 knots.

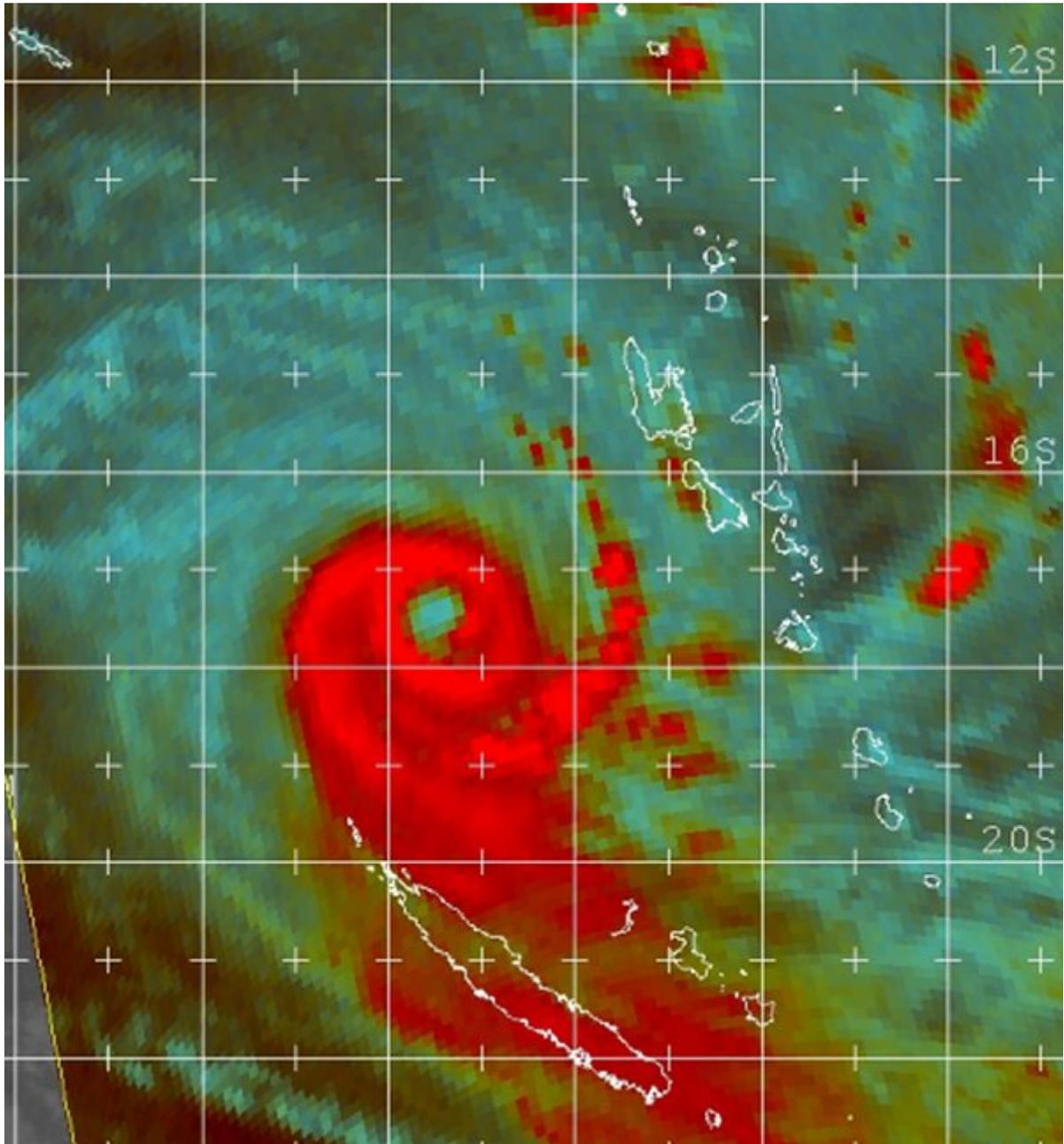
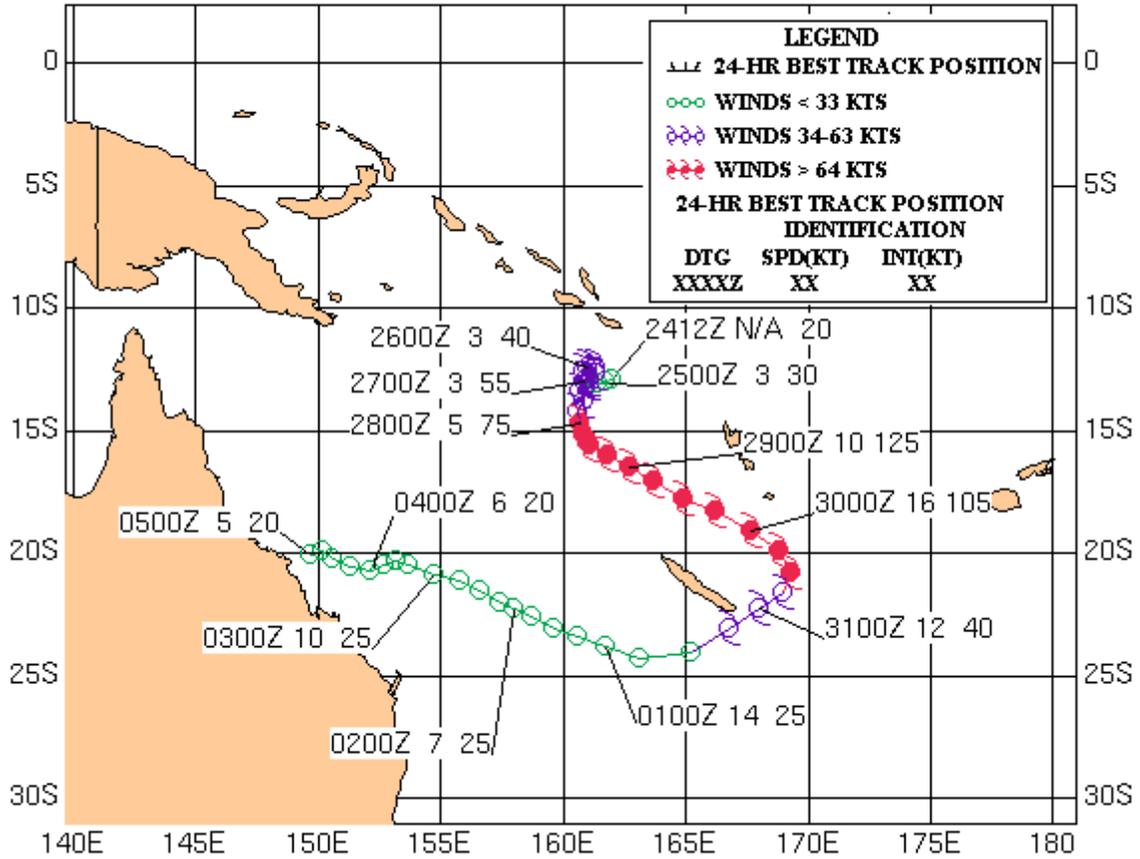


Figure 2-12P-3. 291034Z January 2003 85 GHz SSM/I imagery of TC 12P (Beni), 180 nm north of New Caledonia, with a peak intensity of 125 knots.

TROPICAL CYCLONE 12P (BENI)

25-31 JAN 2003



Time Intensity for 12P

Intensity (kts)

