

Tropical Cyclone (TC) 25P (Eseta)*



First Poor : 0100Z 09 Mar 03

First Fair : 0600Z 09 Mar 03

First TCFA : 0030Z 10 Mar 03

First Warning : 1200Z 10 Mar 03

Last Warning : 0000Z 14 Mar 03, Extratropical

Max Intensity : 110 kts, gusts to 135 kts

Landfall : None

Total Warnings : 8

Remarks:

(1) Tropical Cyclone (TC) 25P was initially described as a tropical disturbance in the North Fiji Basin on 10 March, 2003. Approximately 12 hours later JTWC issued the first warning on this cyclone. The system was intensifying at a less than climatological rate and moving south along the western periphery low to mid tropospheric subtropical ridge.

Approximately 36 hours after the initial warning the cyclone began to move east-southeast just south of Fiji, in response to steering flow associated with a mid level ridge to the east-northeast of the cyclone. By 13 March at 1200Z, TC 25P attained maximum intensity of 110 kts due to increased diffluence aloft and then began to track east-southeastward. Rapid weakening occurred as TC 25P underwent extratropical transition as a result of the interaction with a developing mid-latitude low north of New Zealand.

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

*Named by WMO designated RSMC

Statistics for JTWC on TC25P

DTG	WRN	BEST TRACK		wind	POSITION ERRORS								WIND ERRORS							
	NO.	LAT	LONG		00	12	24	36	48	72	96	120	00	12	24	36	48	72	96	120
03030818		14.0S	171.6E	15																
03030900		13.9S	171.9E	15																
03030906		14.1S	172.1E	25																
03030912		14.3S	172.3E	25																
03030918		14.6S	172.5E	25																
03031000		15.1S	172.6E	25																
03031006		15.6S	172.5E	25																
03031012	1	16.2S	172.4E	35	13	83	133	228	284				-5	-10	-15	-20	-20			
03031100	2	18.0S	172.2E	45	6	42	115	205	349				0	-5	-10	-10	-35			
03031112	3	19.6S	173.2E	55	16	66	121	173	265				0	-10	-20	-50	-65			
03031200	4	21.4S	175.0E	65	8	29	73	144	303				0	0	-35	-55	-15			
03031212	5	21.8S	178.1E	70	11	29	97						0	-35	-50					
03031300	6	21.9S	177.8W	100	0	58	182	371					0	-20	5	20				
03031312	7	22.9S	172.5W	110	0	50	120						0	25	35					
03031400	8	25.3S	165.6W	65	97	217							-5	0						
03031406		27.5S	161.1W	55																
03031412		30.5S	156.9W	45																
			AVERAGE		19	72	120	224	300				1	13	24	31	34			
			BIAS										-1	-7	-13	-23	-34			
			# CASES		8	8	7	5	4				8	8	7	5	4			

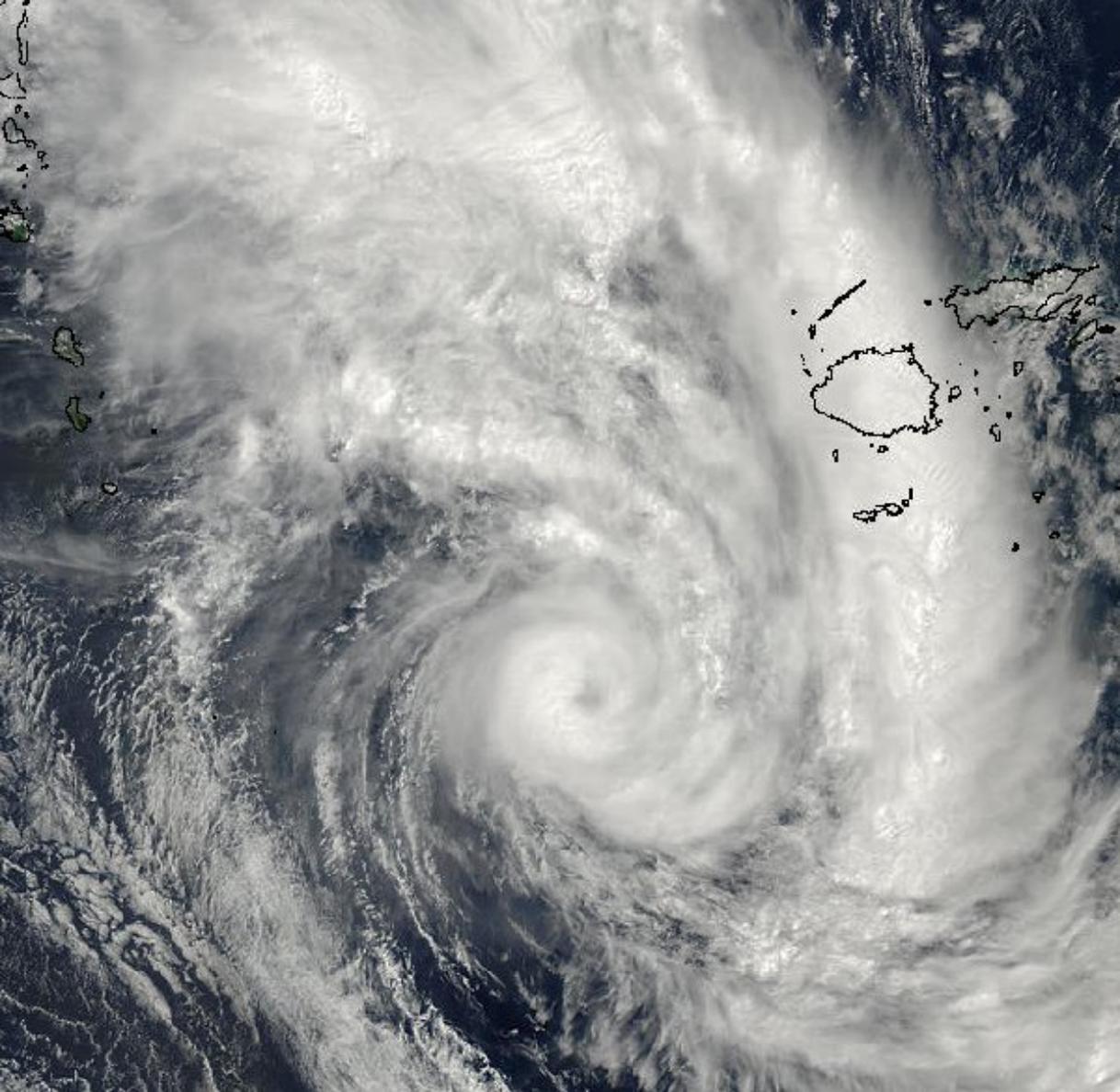


Figure 2-25P-1. 120215Z March 2003 MODIS true-color image of TC 25P (Eseta), located 250nm southwest of the Fiji Islands, with an intensity of 65 knots.

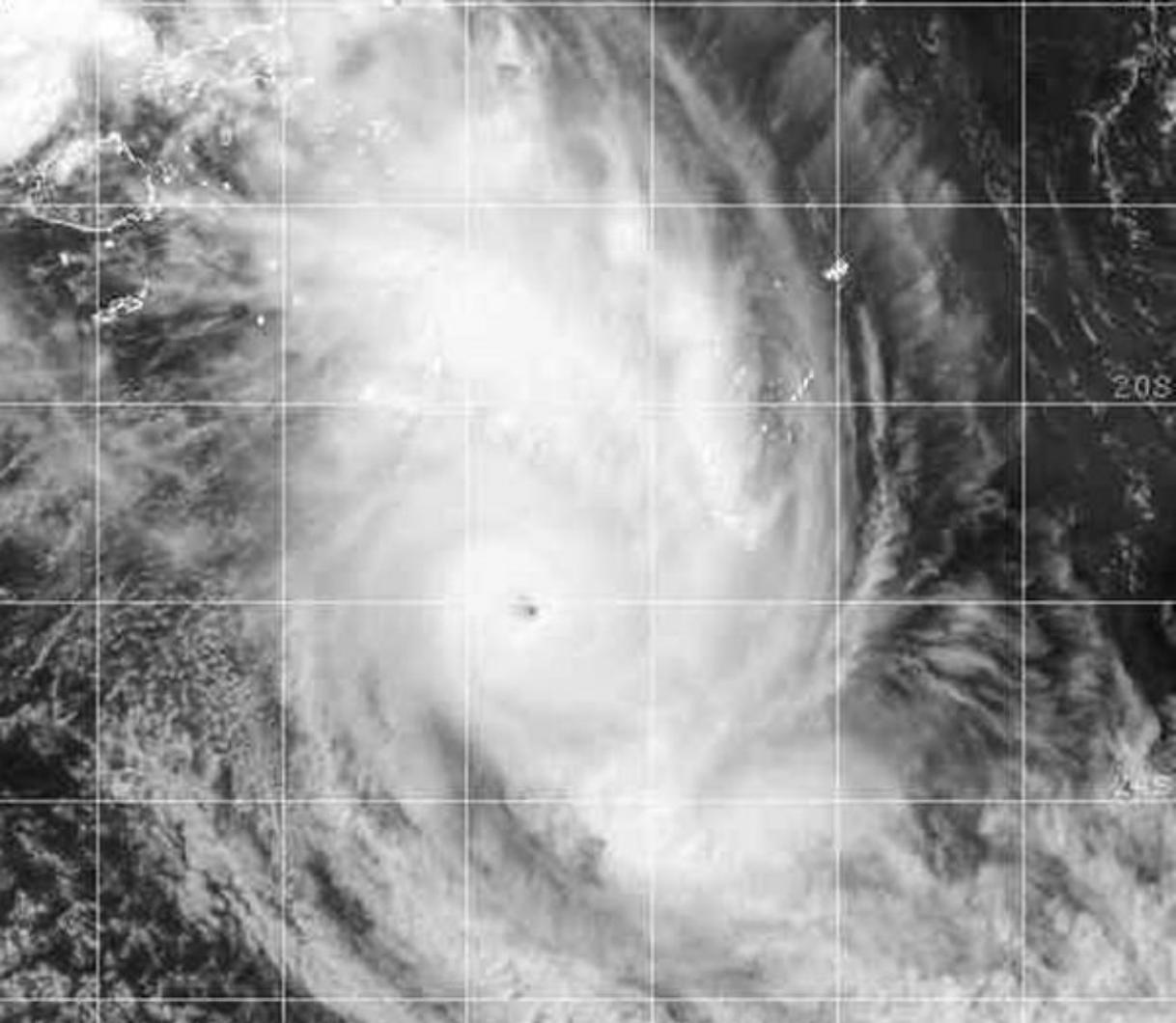


Figure 2-25P-2. 130133Z March 2003 GOES-10 visible imagery of TC 25P (Eseta), 378 nm southeast of Suva, Fiji, with an increasing intensity of 100 knots.

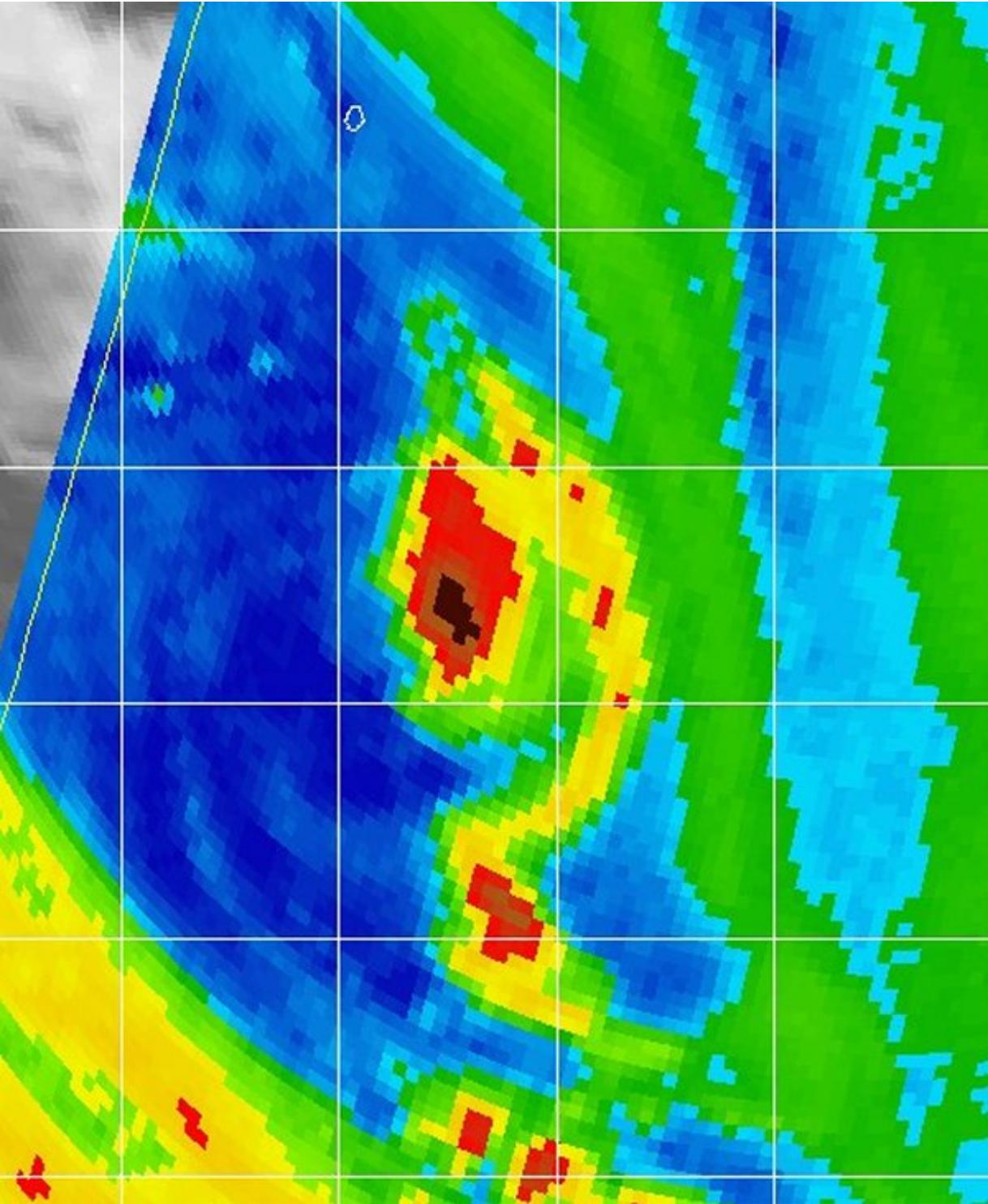
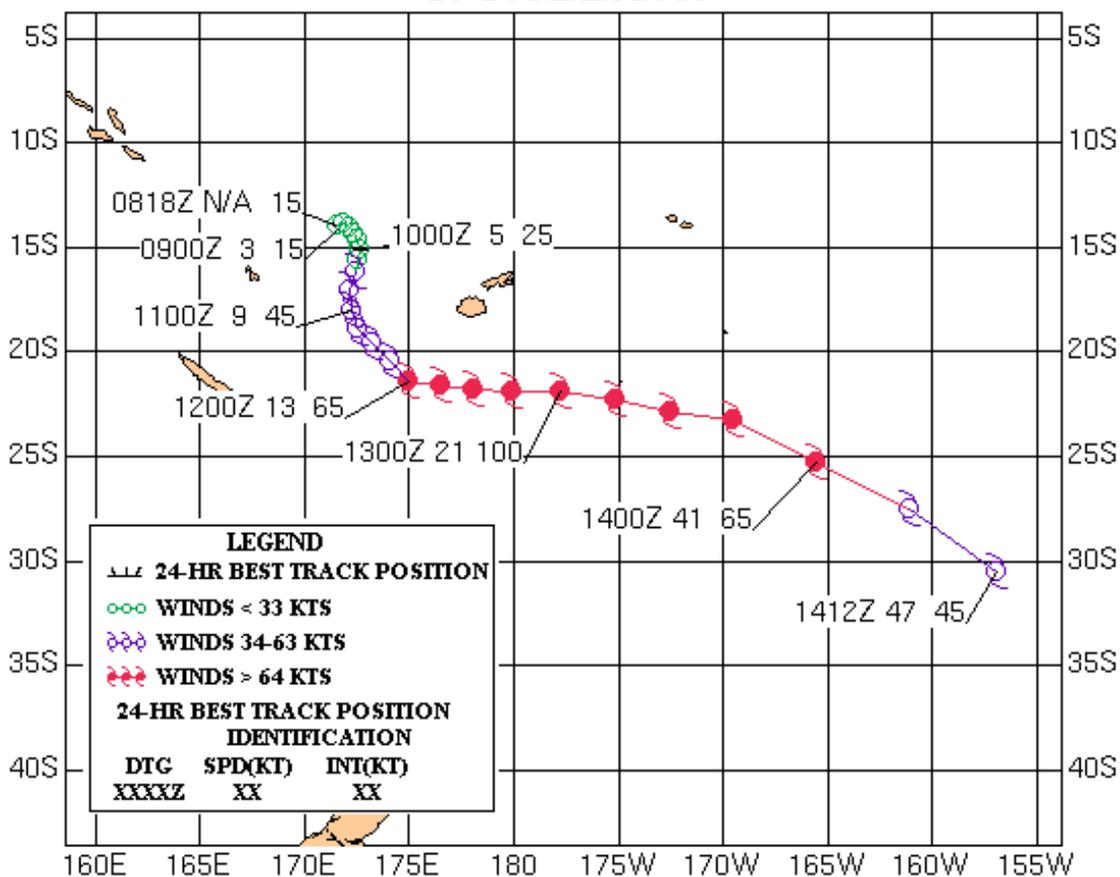


Figure 2-25P-3. 131708Z March 2003 85 GHz SSM/I imagery of TC 25P (Eseta), 340 nm southeast of Suva, Fiji, with an increasing intensity of 80 knots.

TROPICAL CYCLONE 25P (ESETA) 10-14 MAR 2003



Time Intensity for 25P

Intensity (kts)

