

Tropical Cyclone (TC) 29S (Gina)*



First Poor : N/A

First Fair : 2300Z 03 Jun 03

First TCFA : 0200Z 04 Jun 03

First Warning : 1800Z 04 Jun 03

Last Warning : 1800Z 08 Jun 03, Extratropical

Max Intensity : 90 kts, gusts to 110 kts

Landfall : None

Total Warnings : 9 plus 1 amended

Remarks:

(1) Tropical Cyclone (TC) 29P was first noted as a tropical disturbance east of the Solomon Islands on 03 June, 2003 and described as a partially exposed low level circulation center associated with rapidly organizing deep convection. A Tropical Cyclone Formation Alert was issued within a few hours based on the rapid organization of the tropical cyclone, with the cyclone gaining warning status by 1800Z on 04 June.

TC 29P tracked southwestward under the influence of a low to mid-level steering ridge to the east for approximately 72 hours after the initial warning. Intensification was near the climatological average for most of this period, reaching a maximum intensity of 90 knots around 1200z on 07 June. Afterwards, an approaching shortwave trough created a weakness in the ridge, causing a sharp recurvature and extratropical transition.

(2) No reports of damages were received for this system.

*Named by WMO designated RSMC

Statistics for JTWC on TC29P

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
03060400		10.0S	171.7E	25																
03060406		10.1S	171.1E	30																
03060412		10.3S	170.5E	30																
03060418	1	10.6S	169.9E	30	16	32	76	123	152				0	-10	-20	-15	-25			
03060506	2	11.7S	168.8E	45	17	43	95	168	201				0	0	15	5	-5			
03060518	3	13.0S	167.7E	55	0	33	55	76	100				0	10	10	0	5			
03060606	4	14.4S	166.1E	55	13	53	66	96	58				0	0	-30	-50	-40			
03060618	5	15.3S	164.0E	65	29	41	71	140	228				0	-25	-45	-35	-20			
03060700	5A	15.7S	163.1E	75	0	33	70	131				-10	0	15	25					
03060712	6	16.8S	162.1E	90	0	24	121					0	0	25						
03060800	7	17.6S	161.9E	90	13	71						0	20							
03060812	8	18.3S	163.3E	65	0							0								
03060818	9	18.7S	165.0E	55	0							-15								
			AVERAGE		9	41	79	122	148				3	8	23	22	19			
			BIAS										-3	-1	-4	-12	-17			
			# CASES		10	8	7	6	5				10	8	7	6	5			

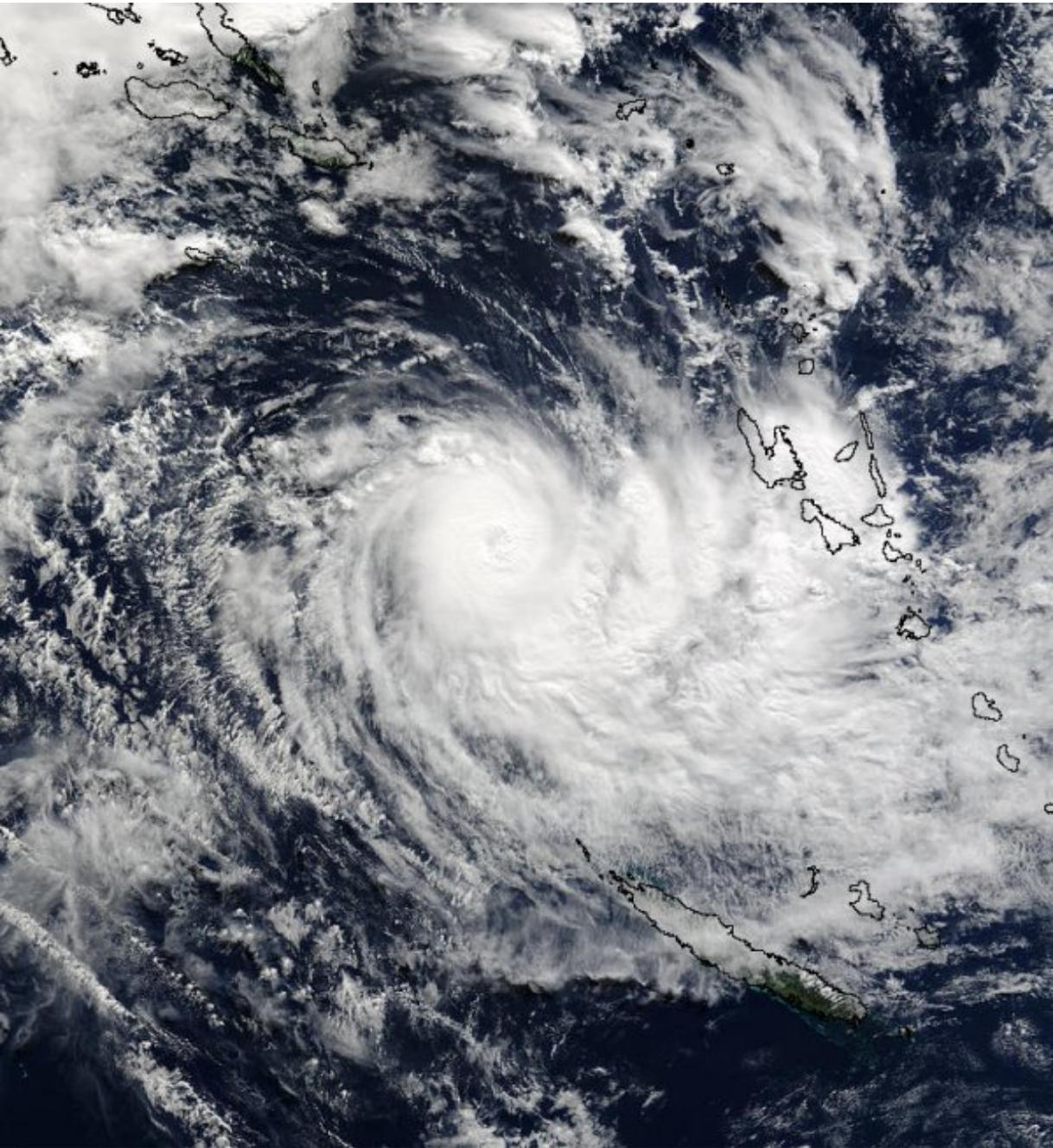


Figure 2-28P-1. 062340Z June 2003 MODIS true-color image of TC 29P (Gina), located northwest of New Caledonia, with an intensity of 65 knots.

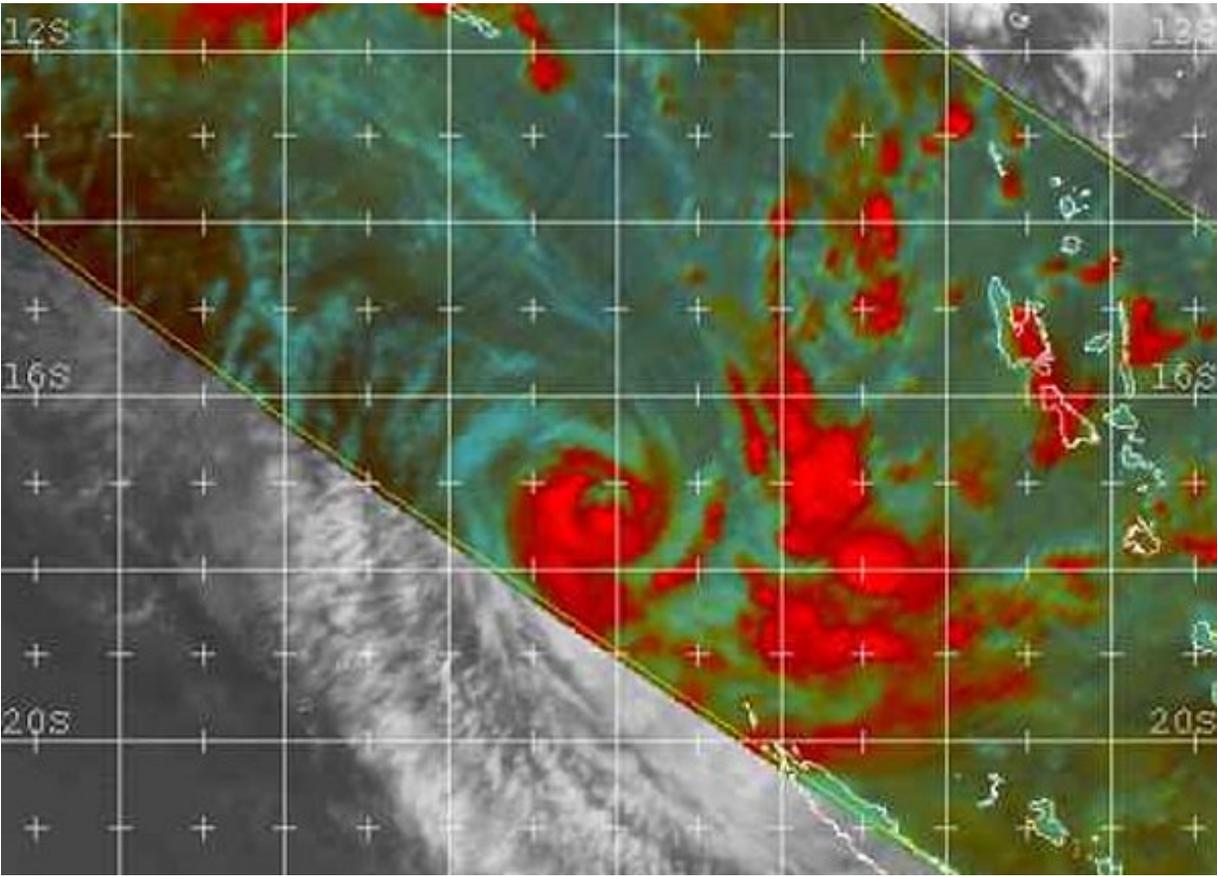
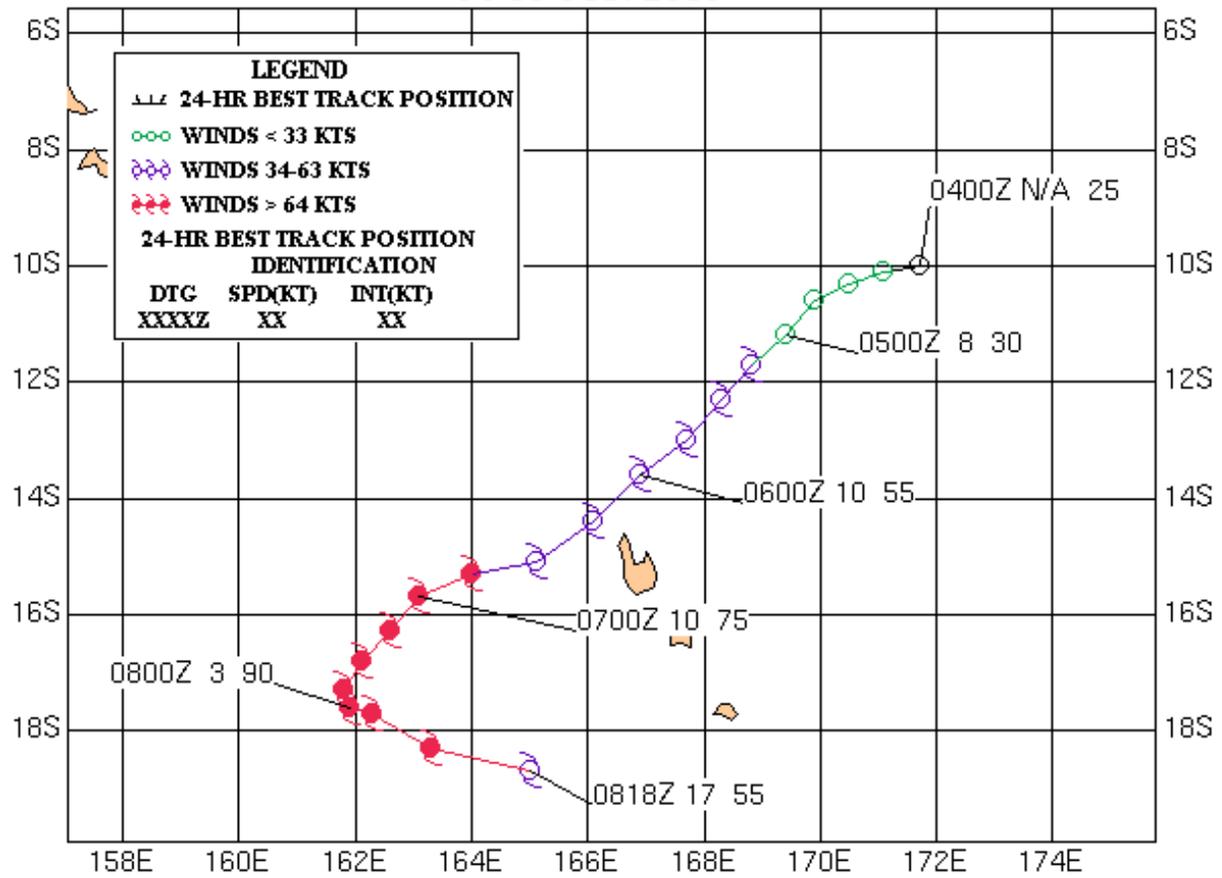


Figure 2-29P-2. 071849Z June 2003 TRMM color composite image of TC 29P (Gina), located 320 nm west of Vila, with an estimated intensity of 90 knots.

TROPICAL CYCLONE 29S (GINA)

04-08 JUN 2003



Time Intensity for 29P

Intensity (kts)

