TROPICAL CYCLONE 29 - 11/07/2300Z TO 11/12/1100Z
(LOLA)

I. DATA

A. STATISTICS

1. NUMBER OF WARNINGS ISSUED - 19
2. NUMBER OF WARNINGS WITH TYPHOON INTENSITY - 10
3. TOTAL DISTANCE TRAVELED DURING TROPICAL WARNING PERIOD - 1386 MI

B. CHARACTERISTICS AS A TYPHOON

1. MINIMUM OBSERVED SLP - 938MBS AT 100300Z
2. MINIMUM OBSERVED 700MB HEIGHT - 2547M. AT 100300Z
3. MAXIMUM SURFACE WIND - 105 KTS (FROM BEST TRACK)
4. MAXIMUM RADIUS OF SURFACE CIRCULATION - 300 MI

II. DEVELOPMENT

A. INITIAL IMPETUS - 200MB ANTICYCLONE OVER THE SURFACE CYCLONE

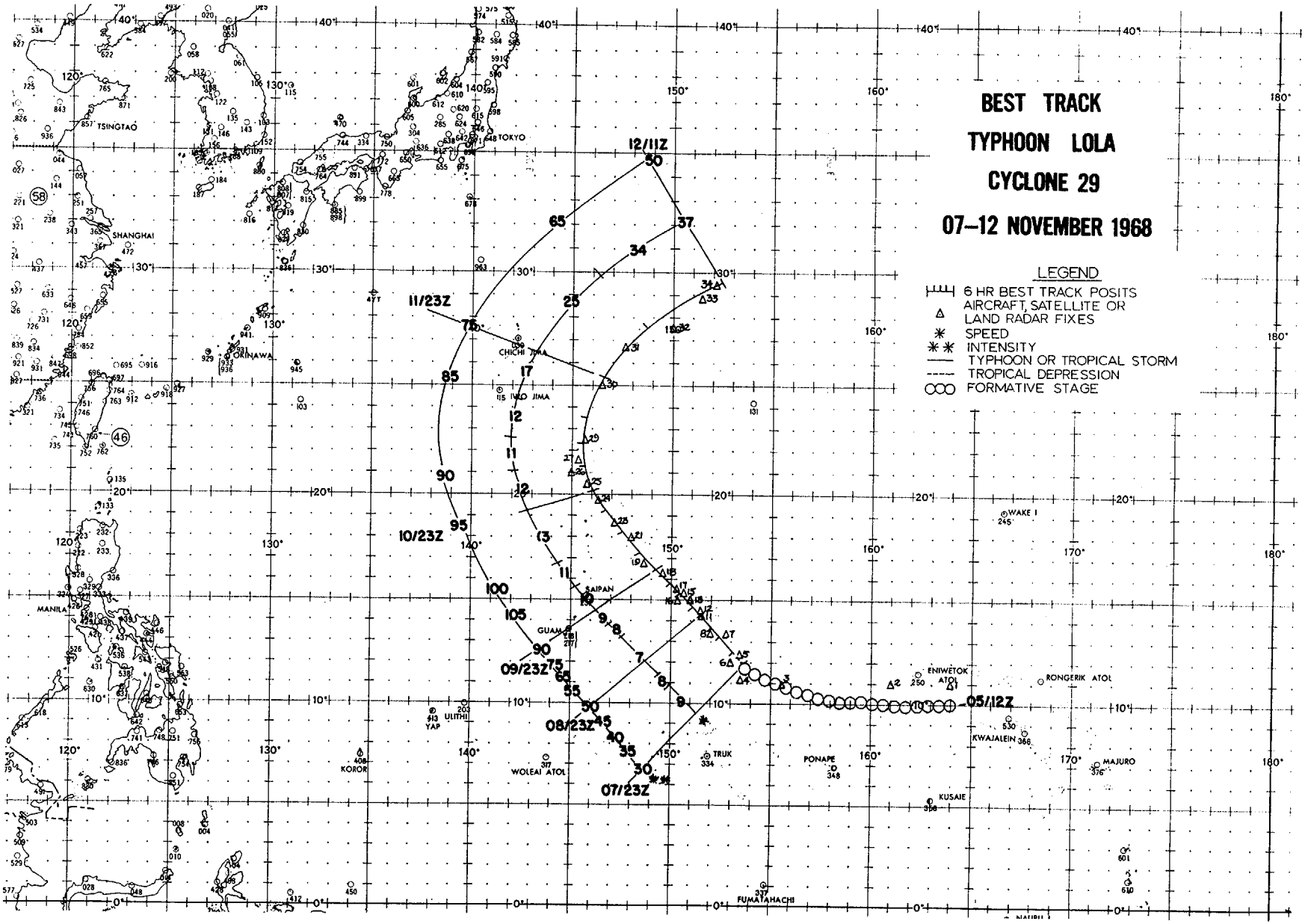
B. INITIAL SURFACE VORTEX

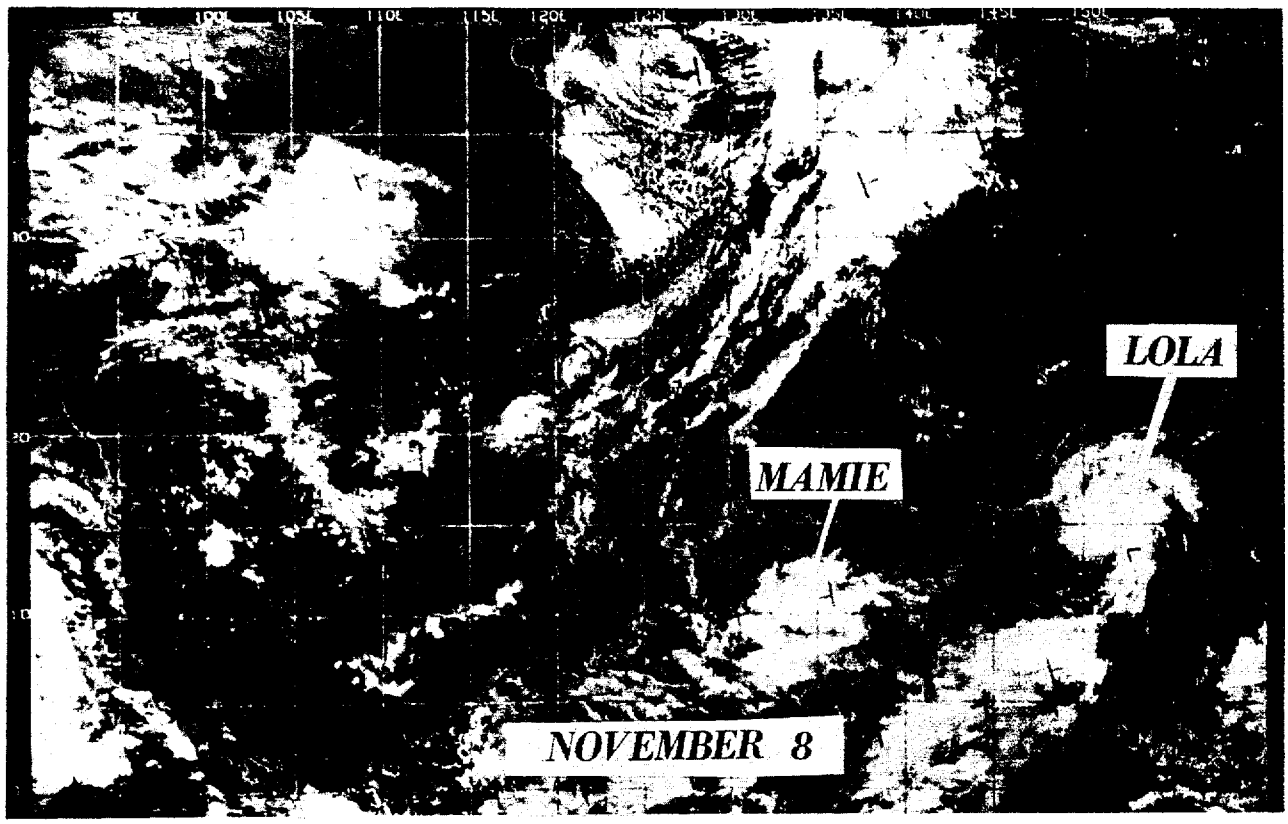
1. JUNCTION VORTEX AT 051200Z
2. SURFACE PRESSURE LESS THAN 1008MB

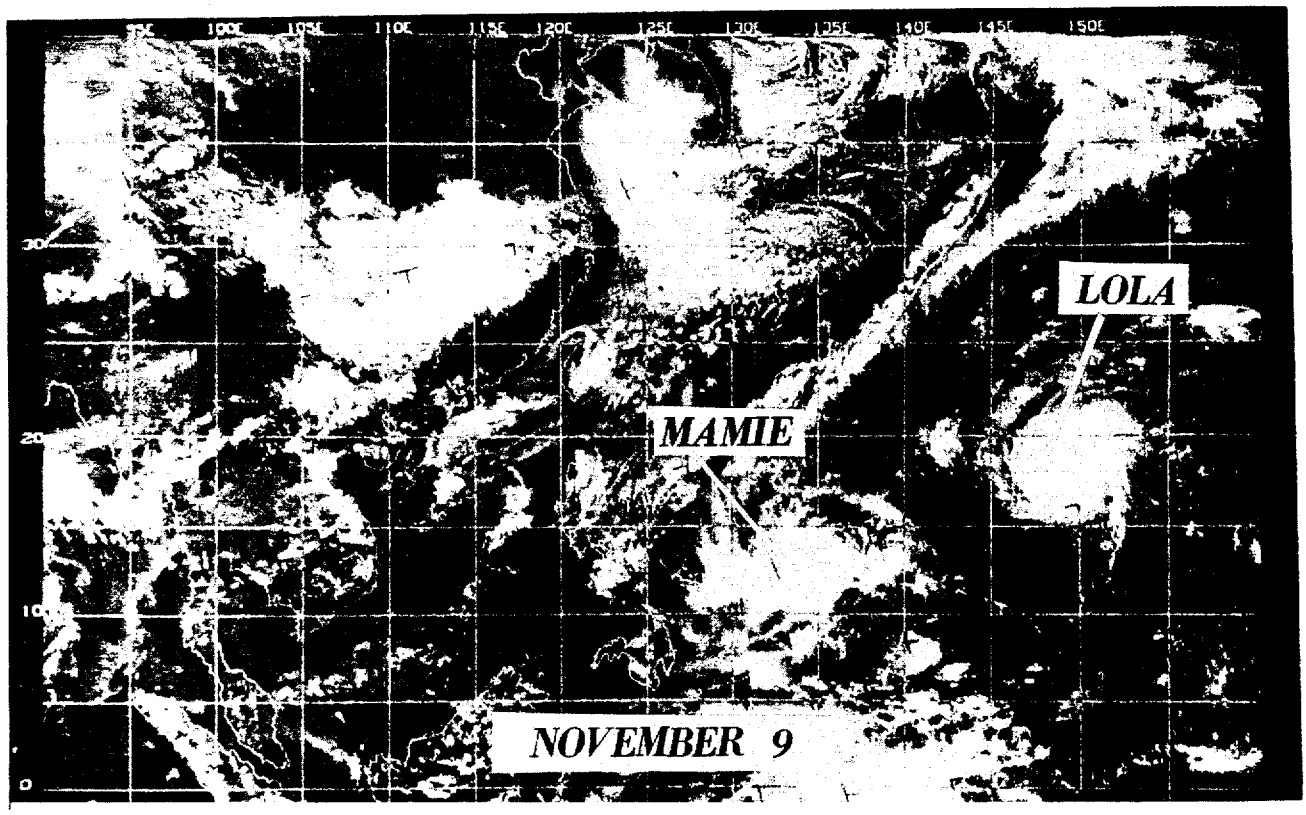
C. 200MB FLOW ABOVE SURFACE VORTEX

1. INITIAL - EAST
2. UPON REACHING TYPHOON INTENSITY - ANTICYCLONIC

III. FINAL DISPOSITION - BECAME EXTRATROPICAL


BEST TRACK
TYPHOON LOLA
CYCLONE 29
07–12 NOVEMBER 1968
LEGEND
6 HR BEST TRACK POSITS
AIRCRAFT, SATELLITE OR LAND RADAR FIXES
SPEED
INTENSITY
TYPHOON OR TROPICAL STORM
TROPICAL DEPRESSION
FORMATIVE STAGE
12/11Z
11/23Z
10/23Z
09/23Z
08/23Z
07/23Z
05/12Z
TSINGTAO
TOKYO
SHANGHAI
OKINAWA
CHICHI JIMA
IWO JIMA
SAIPAN
GUAM
MANILA
YAP
ULITHI
KOROR
WOLEAI ATOL
TRUK
PONAPE
FUMATAHACHI
ENIWETOK ATOL
RONGERIK ATOL
KWAJALEIN
MAJURO
KUSAIE
WAKE I


LOLA
MAMIE
NOVEMBER 8


LOLA
MAMIE
NOVEMBER 9

EYE FIXES CYCLONE 29

FIX NO.	TIME	POSIT	UNIT-METHOD-ACCY	FLT LVL	FLT LVL WND	OBS SFC WND	OBS MIN SLP	MIN 700MB HGT	FLT LVL TT/TO	EYE FORM	ORIEN-TATION	EYE DIA	THKNS WALL CLOUD
1	050420Z	11.0N 164.0E	SLTLS	STG B	DIA -- BNDS -								
2	060320Z	11.0N 161.0E	SLTLS	STG B	DIA -- BNDS -								
3	070415Z	11.0N 155.5E	SLTLS	STG X	DIA 02 BNDS 1								
4	080105Z	12.1N 153.4E	54-P-07-01	0400M	048	050	998	3094	24/22	CIRC	----	10	F.B.
5	080300Z	12.3N 153.4E	54-P-10-01	0450M	025	045	997	3057	24/23	CIRC	----	10	07
6	080510Z	12.0N 153.0E	SLTLS	STG C	DIA -- BNDS -								
7	080920Z	13.3N 152.9E	VW-R-15-05	0500M	---	---	---	---	--/--	CIRC	----	12	--
8	081030Z	13.3N 152.0E	VW-R------		---	---	---	---	--/--	----			--
9	081200Z	13.3N 152.4E	VW-R-10-05	0450M	---	030	---	---	--/--	CIRC	----	30	--
10	081406Z	13.4N 152.2E	VW-R-10-05	0450M	---	---	---	---	--/--	CIRC	----	30	15
11	082100Z	14.2N 151.7E	54-P-10-01	700MB	035	045	981	2917	18/11	CIRC	----	10	--
12	090300Z	14.5N 151.5E	54-P-10-01	700MB	070	065	968	2822	18/11	CIRC	----	15	--
13	090410Z	15.0N 151.0E	SLTLS	STG X	DIA 03 BNDS 3								
14	090740Z	15.0N 151.0E	ACFT RDR		---	---	---	---	--/--	----			--
15	090920Z	15.2N 150.6E	VW-R-40-05		---	---	---	---	--/--	CIRC	----	10	16
16	091400Z	15.0N 150.2E	VW-R----01		---	---	---	---	--/--	----			--
17	091450Z	15.8N 150.2E	VW-R-03-05		---	---	---	---	--/--	CIRC	----	10	20
18	092100Z	16.2N 149.7E	54-P-03-03	700MB	080	085	951	2673	20/13	CIRC	----	12	--
19	100300Z	16.9N 148.8E	54-P-10-10	700MB	075	080	938	2547	19/12	CIRC	----	15	--
20	100505Z	17.0N 148.5E	SLTLS	STG X	DIA 04 BNDS 3								
21	100823Z	18.0N 148.0E	VW-R----15		---	---	---	---	--/--	----			--
22	100845Z	17.9N 148.1E	VW-R-10-03		---	---	---	---	--/--	CIRC	----	12	--
23	101403Z	18.8N 147.1E	VW-R-03-05		---	---	---	---	--/--	CIRC	----	15	--
24	102100Z	19.9N 146.3E	54-P-03-02	700MB	088	100	948	2655	24/18	CIRC	----	08	--

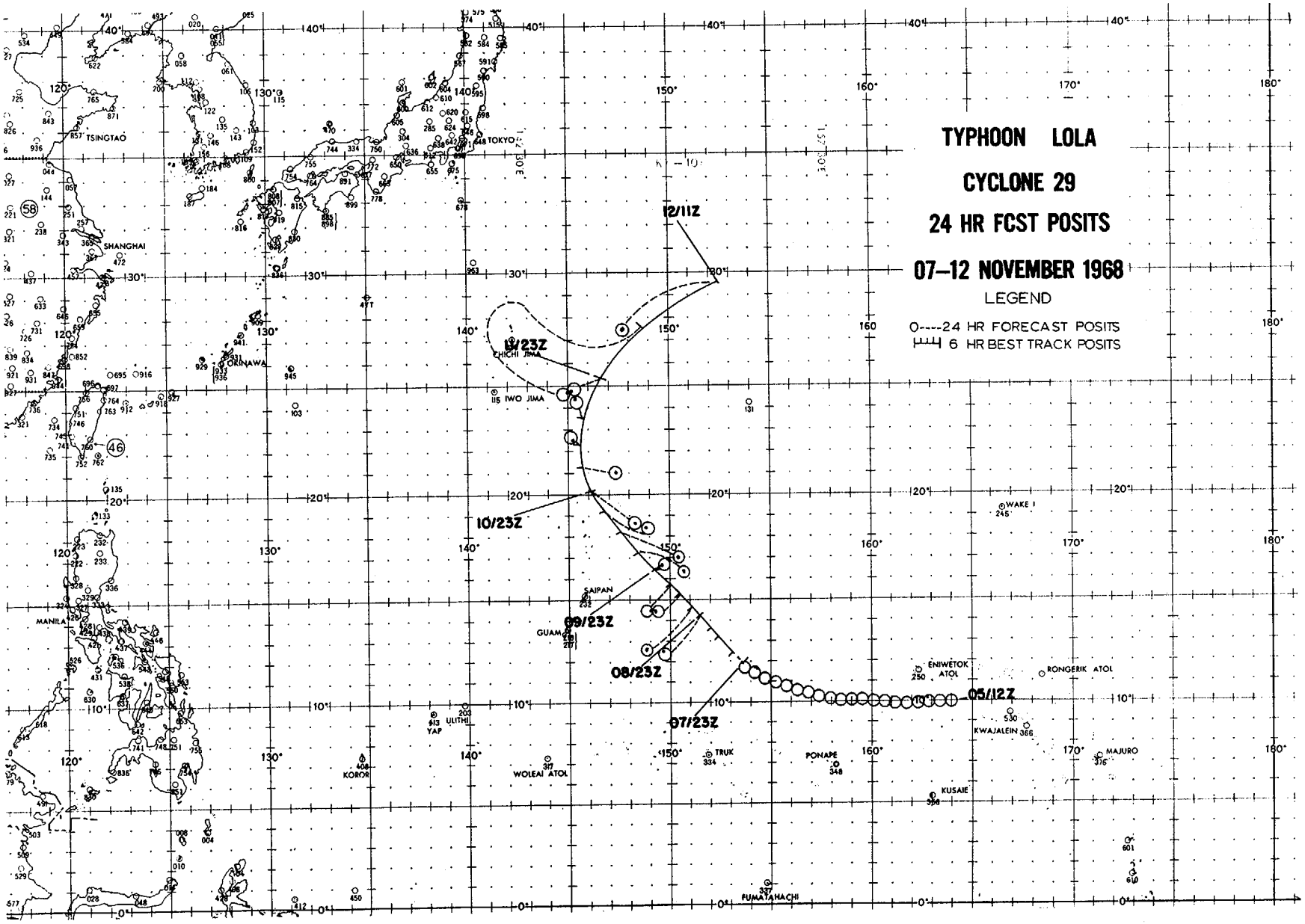
EYE FIXES CYCLONE 29

FIX NO.	TIME	POSIT	UNIT-METHOD-ACCY	FLT LVL	FLT LVL WND	OBS SFC WND	OBS MIN SLP	MIN 700MB HGT	FLT LVL TT/TD	EYE FORM	ORIEN-TATION	EYE DIA	THKNS WALL CLOUD
25	110300Z	20.7N 145.7E	54-P-10-02	700MB	080	090	950	2661	20/14	CIRC	----	08	--
26	110409Z	21.0N 145.0E	SLTLS	STG X	DIA 03	BNDS 3							
27	110750Z	21.8N 145.2E	VW-R----15		---	---	---	---	--/--	----			--
28	110835Z	21.8N 145.4E	VW-R-05-05		---	035	---	---	--/--	CONC		38-15	--
29	111405Z	22.5N 145.8E	VW-R-05-05		---	---	---	---	--/--	CIRC	----	28	15
30	112110Z	25.0N 146.5E	54-P-04-03	700MB	115	100	951	2676	19/10	ELIP	NE-SW	40X30	12
31	120245Z	26.8N 147.6E	54-P-07-05	700MB	110	115	955	2728	20/10	ELIP	NW-SE	40X30	10
32	120505Z	27.5N 150.0E	SLTLS	STG X	DIA 04	BNDS 2							
33	120900Z	28.9N 151.4E	VW-R-01-05		---	---	---	---	--/--	ELIP	NW-SE	50X20	--
34	121040Z	29.4N 152.1E	VW-P-01-02	700MB	---	---	---	2960	23/12	ELIP	NW-SE	45X20	--

TROPICAL CYCLONE 29 -- 11/07/2300Z TO 11/12/1100Z
POSITION AND FORECAST VERIFICATION DATA

DTG	STORM POSITION LAT.	LONG.	24 HR. ERROR DEG. DIST.	48 HR. ERROR DEG. DIST.	72 HR. ERROR DEG. DIST.
080500Z	12.6N	153.0E	--------	--------	--------
081100Z	13.2N	152.5E	--------	--------	--------
081700Z	13.7N	152.0E	--------	--------	--------
082300Z	14.3N	151.6E	226-0150	--------	--------
090500Z	14.8N	151.1E	224-0180	--------	--------
091100Z	15.3N	150.5E	234-0078	--------	--------
091700Z	15.9N	150.0E	210-0096	--------	--------
092300Z	16.5N	149.3E	090-0018	--------	--------
100500Z	17.2N	148.6E	113-0132	220-0330	--------
101100Z	18.2N	147.8E	116-0156	208-0222	--------
101700Z	19.2N	146.8E	112-0120	190-0258	--------
102300Z	20.1N	146.0E	121-0144	120-0198	--------
110500Z	21.2N	145.5E	097-0090	122-0342	210-0540
111100Z	22.2N	145.5E	303-0018	128-0342	--------
111700Z	23.5N	145.8E	336-0054	140-0240	199-0528
112300Z	25.3N	146.6E	249-0078	165-0264	--------
120500Z	27.6N	148.7E	230-0258	199-0150	164-0402
121100Z	29.5N	152.3E	242-0264	246-0276	--------

AVERAGE 24 HOUR ERROR - 0122 MI.
AVERAGE 48 HOUR ERROR - 0262 MI.
AVERAGE 72 HOUR ERROR - 0490 MI.


TYPHOON LOLA
CYCLONE 29
24 HR FCST POSITS
07–12 NOVEMBER 1968
LEGEND
O----24 HR FORECAST POSITS
6 HR BEST TRACK POSITS
12/11Z
13/23Z
10/23Z
09/23Z
08/23Z
07/23Z
05/12Z
TSINGTAO
SHANGHAI
TOKYO
OKINAWA
CHICHI JIMA
IWO JIMA
SAIPAN
GUAM
MANILA
YAP
ULITHI
KOROR
WOLEAI ATOL
TRUK
PONAPE
ENIWETOK ATOL
RONGERIK ATOL
KWAJALEIN
MAJURO
KUSAIE
WAKE I
FUMATANACHI