TROPICAL CYCLONE 27 - 09/22/0000Z TO 09/25/0600Z

I. DATA

A. STATISTICS

1. NUMBER OF WARNINGS ISSUED - 14
2. NUMBER OF WARNINGS WITH TYPHOON INTENSITY - 08
3. TOTAL DISTANCE TRAVELED DURING TROPICAL WARNING PERIOD - 2112 MI

B. CHARACTERISTICS AS A TYPHOON

1. MINIMUM OBSERVED SLP - 961MBS AT 240207Z
2. MINIMUM OBSERVED 700MB HEIGHT - 2752M. AT 240207Z
3. MAXIMUM SURFACE WIND - 100 KTS (FROM BEST TRACK)
4. MAXIMUM RADIUS OF SURFACE CIRCULATION - 225 MI

II. DEVELOPMENT

A. INITIAL IMPETUS - LOW LEVEL SURGE INTO CYCLONIC CIRCULATION FROM THE SOUTH WITH SUBSEQUENT DIVERGENCE AT 200MB LEVEL

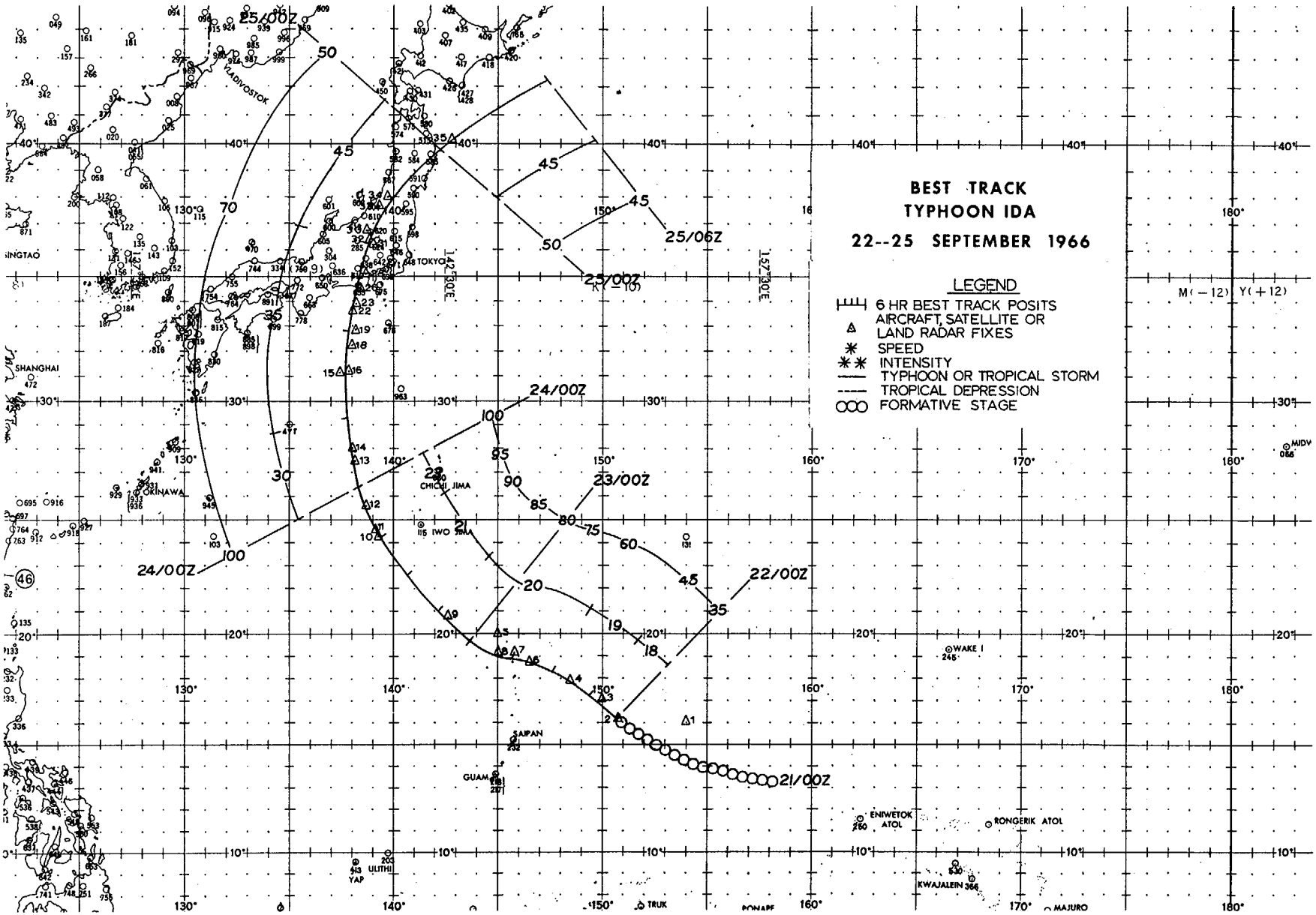
B. INITIAL SURFACE VORTEX

1. JUNCTION VORTEX AT 210000Z
2. SURFACE PRESSURE LESS THAN 1004MB

C. 200MB FLOW ABOVE SURFACE VORTEX

1. INITIAL - NORTHEAST
2. UPON REACHING TYPHOON INTENSITY - NORTHEAST

III. FINAL DISPOSITION - BECAME EXTRATROPICAL


BEST TRACK
TYPHOON IDA
22--25 SEPTEMBER 1966
LEGEND
6 HR BEST TRACK POSITS
AIRCRAFT, SATELLITE OR LAND RADAR FIXES
SPEED
INTENSITY
TYPHOON OR TROPICAL STORM
TROPICAL DEPRESSION
FORMATIVE STAGE
M(-12) Y(+12)
25/00Z
25/06Z
25/00Z
24/00Z
23/00Z
22/00Z
21/00Z
VLADIVOSTOK
TOKYO
SHANGHAI
OKINAWA
CHICHI JIMA
IWO JIMA
SAIPAN
GUAM
YAP
ULITHI
TRUK
PONAPE
WAKE I
ENIWETOK ATOL
RONGERIK ATOL
KWAJALEIN
MAJURO
142°30'E
157°30'E

EYE FIXES CYCLONE 27

FIX NO.	TIME	PUSIT	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
1	211250Z	16.0N 154.0E	TIROS	STG X	DIA 05	BNDS 2							
2	212355Z	16.1N 150.8E	54-P-P05	0470M	040	035	992	---	--/--	----			N.F.B.
3	220334Z	17.0N 150.0E	TIROS	STG -	DIA --	BNDS -							
4	220923Z	17.9N 148.4E	VW-R-P03		---	---	---	---	--/--	CIRC	----	30	--
5	221404Z	19.5N 145.5E	TIROS	STG X	DIA 05	BNDS 2							
6	221430Z	18.7N 146.5E	VW-P-P05	700MB	050	---	982	2941	14/06	CIRC	----	36	07
7	221600Z	19.2N 145.8E	VW-UNK--		---	---	---	---	--/--	----			--
8	222000Z	19.1N 145.0E	54-P-P10	700MB	075	---	976	2896	16/--	ELIP	NE-SW	45X35	35
9	230330Z	20.6N 142.6E	54-P-F04	700MB	060	050	974	2897	15/--	CIRC	----	--	--
10	231734Z	24.3N 139.3E	VW-UNK15		---	---	---	---	--/--	----			--
11	231815Z	24.5N 139.2E	VW-R-P05	700MB	---	---	---	---	--/--	CIRC	----	25	--
12	232120Z	25.5N 138.7E	54-P-P03	700MB	074	065	965	2792	15/--	CIRC	----	30	10
13	240207Z	27.5N 138.1E	54-P-P03	700MB	100	080	961	2752	17/--	CIRC	----	50	--
14	240409Z	28.0N 138.0E	TIROS	STG X	DIA 04	BNDS 3							
15	240845Z	31.1N 137.4E	VW-UNK12		---	---	---	---	--/--	----			--
16	240900Z	31.2N 137.9E	LND RDR		---	---	---	---	--/--	----			--
17	240917Z	31.2N 137.6E	VW-R-P03	700MB	080	045	---	---	15/07	CIRC	----	40	10
18	241100Z	32.3N 138.0E	LND RDR		---	---	---	---	--/--	----			--
19	241200Z	32.9N 138.1E	LND RDR		---	---	---	---	--/--	----			--
20	241200Z	32.9N 138.0E	LND RDR		---	---	---	---	--/--	----			--
21	241300Z	33.0N 138.1E	LND RDR		---	---	---	---	--/--	----			--
22	241305Z	33.6N 138.0E	VW-UNK05	700MB	---	---	---	---	--/--	CIRC	----	55	--
23	241400Z	33.9N 138.1E	LND RDR		---	---	---	---	--/--	----			--
24	241400Z	34.0N 138.2E	LND RDR		---	---	---	---	--/--	----			--

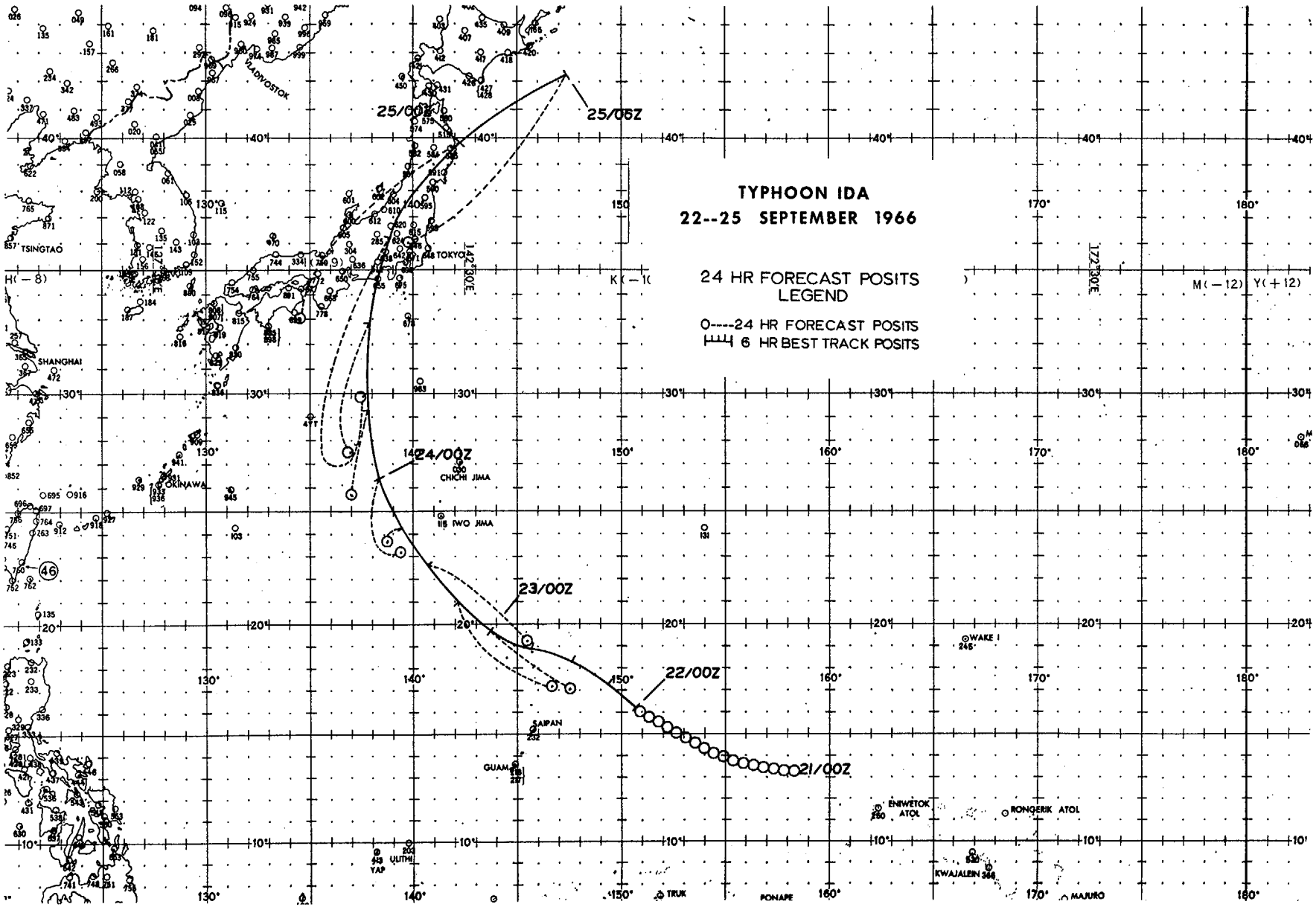
EYE FIXES CYCLONE 27

FIX NO.	TIME	POSIT	UNIT-METHOD-ACCY	FLT LVL	FLT LVL WND	OBS SFC WND	OBS MIN SLP	MIN 700MB HGT	FLT LVL T/TD	EYE FORM	ORIEN-TATION	EYE DIA	THKNS WALL CLOUD
25	241405Z	34.0N 138.0E	VW-R-POS		---	---	---	---	--/--	CIRC	----	45	10
26	241500Z	34.6N 138.4E	LND RDR		---	---	---	---	--/--	----			--
27	241500Z	34.5N 138.3E	LND RDR		---	---	---	---	--/--	----			--
28	241600Z	35.1N 138.6E	LND RDR		---	---	---	---	--/--	----			--
29	241600Z	35.0N 138.5E	LND RDR		---	---	---	---	--/--	----			--
30	241700Z	36.7N 138.7E	LND RDR		---	---	---	---	--/--	----			--
31	241730Z	36.2N 139.0E	LND RDR		---	---	---	---	--/--	----			--
32	241800Z	36.4N 138.9E	LND RDR		---	---	---	---	--/--	----			--
33	241930Z	37.7N 139.3E	LND RDR		---	---	---	---	--/--	----			--
34	242030Z	38.0N 139.8E	LND RDR		---	---	---	---	--/--	----			--
35	250025Z	40.2N 142.8E	54-P-LOO	700MB	100	---	006	3073	08/--	CIRC	----	03	--

TROPICAL CYCLONE 27 - 09/22/0000Z TO 09/25/0600Z
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.
220000Z	16.2N	150.7E	--------		--------		--------	
220600Z	17.3N	149.4E	--------		--------		--------	
221200Z	18.3N	147.6E	--------		--------		--------	
221800Z	18.9N	145.6E	--------		--------		--------	
230000Z	19.7N	143.7E	127	0264	--------		--------	
230600Z	21.0N	142.1E	132	0330	--------		--------	
231200Z	22.5N	140.5E	126	0330	--------		--------	
231800Z	24.3N	139.3E	216	0048	--------		--------	
240000Z	26.5N	138.3E	166	0204	--------		--------	
240600Z	29.4N	137.8E	190	0222	--------		--------	
241200Z	32.9N	137.9E	189	0324	--------		--------	
241800Z	36.3N	138.8E	189	0384	195	0492	--------	
250000Z	39.9N	142.3E	222	0552	202	0768	--------	
250600Z	42.2N	147.2E	222	0492	217	0714	--------	

AVERAGE 24 HOUR ERROR - 0315 MI.
AVERAGE 48 HOUR ERROR - 0658 MI.
AVERAGE 72 HOUR ERROR - ---- MI.


TYPHOON IDA
22--25 SEPTEMBER 1966
24 HR FORECAST POSITS
LEGEND
O----24 HR FORECAST POSITS
6 HR BEST TRACK POSITS
25/06Z
24/00Z
23/00Z
22/00Z
21/00Z
VLADIVOSTOK
TSINGTAO
SHANGHAI
OKINAWA
TOKYO
CHICHI JIMA
IWO JIMA
SAIPAN
GUAM
YAP
ULITHI
TRUK
PONAPE
ENIWETOK ATOL
RONGERIK ATOL
KWAJALEIN
MAJURO
WAKE I
142°30'E
172°30'E