TROPICAL CYCLONE 26 - 10/20/1100Z TO 10/24/2300Z
(IRMA)

I. DATA

A. STATISTICS
1. NUMBER OF WARNINGS ISSUED - 19
2. NUMBER OF WARNINGS WITH TYPHOON INTENSITY - 04
3. TOTAL DISTANCE TRAVELED DURING TROPICAL WARNING PERIOD - 1764 MI

B. CHARACTERISTICS AS A TYPHOON
1. MINIMUM OBSERVED SLP - 946MBS AT 232200Z
2. MINIMUM OBSERVED 700MB HEIGHT - 2700M. AT 232200Z
3. MAXIMUM SURFACE WIND - 080 KTS (FROM BEST TRACK)
4. MAXIMUM RADIUS OF SURFACE CIRCULATION - 360 MI

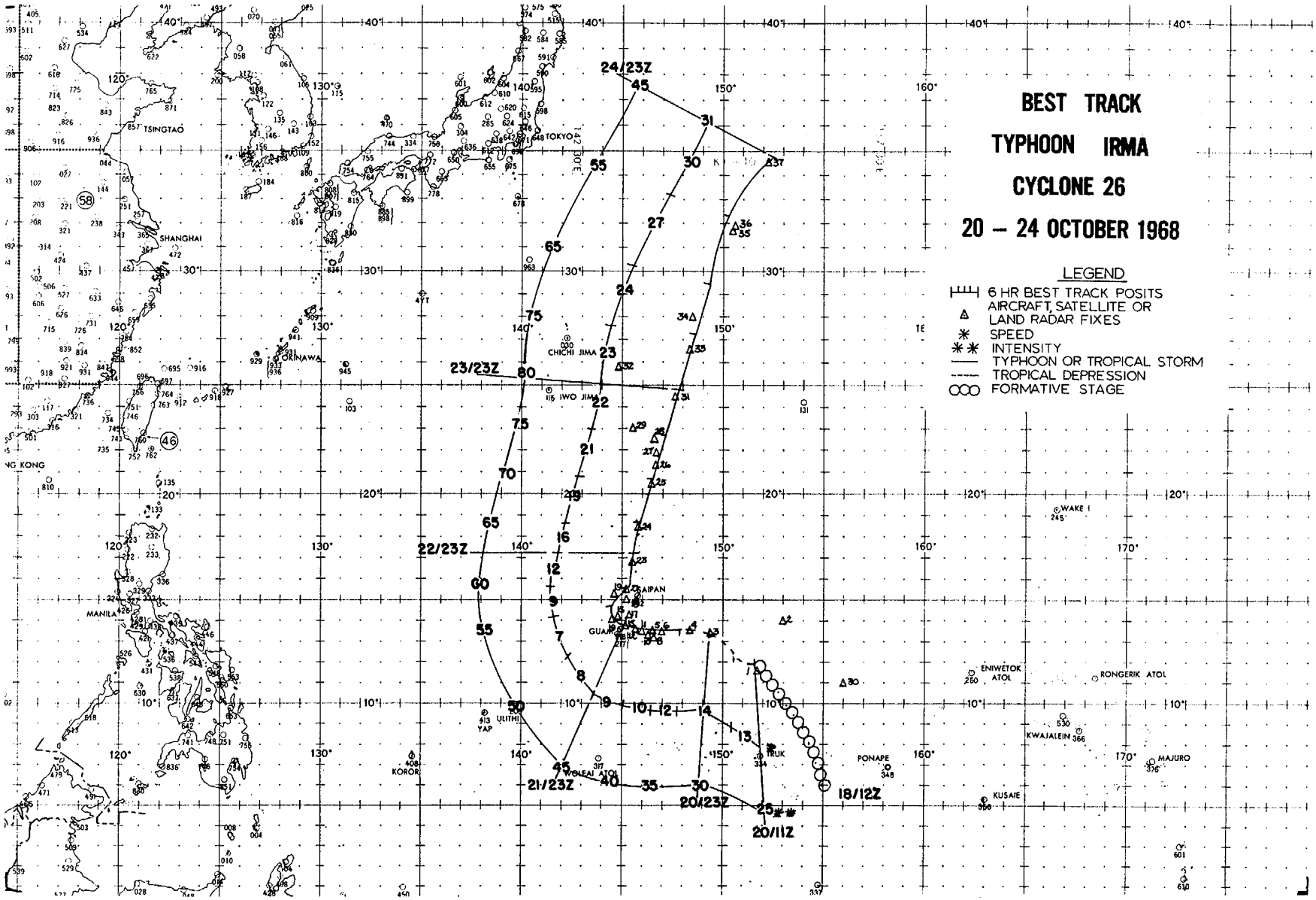
II. DEVELOPMENT

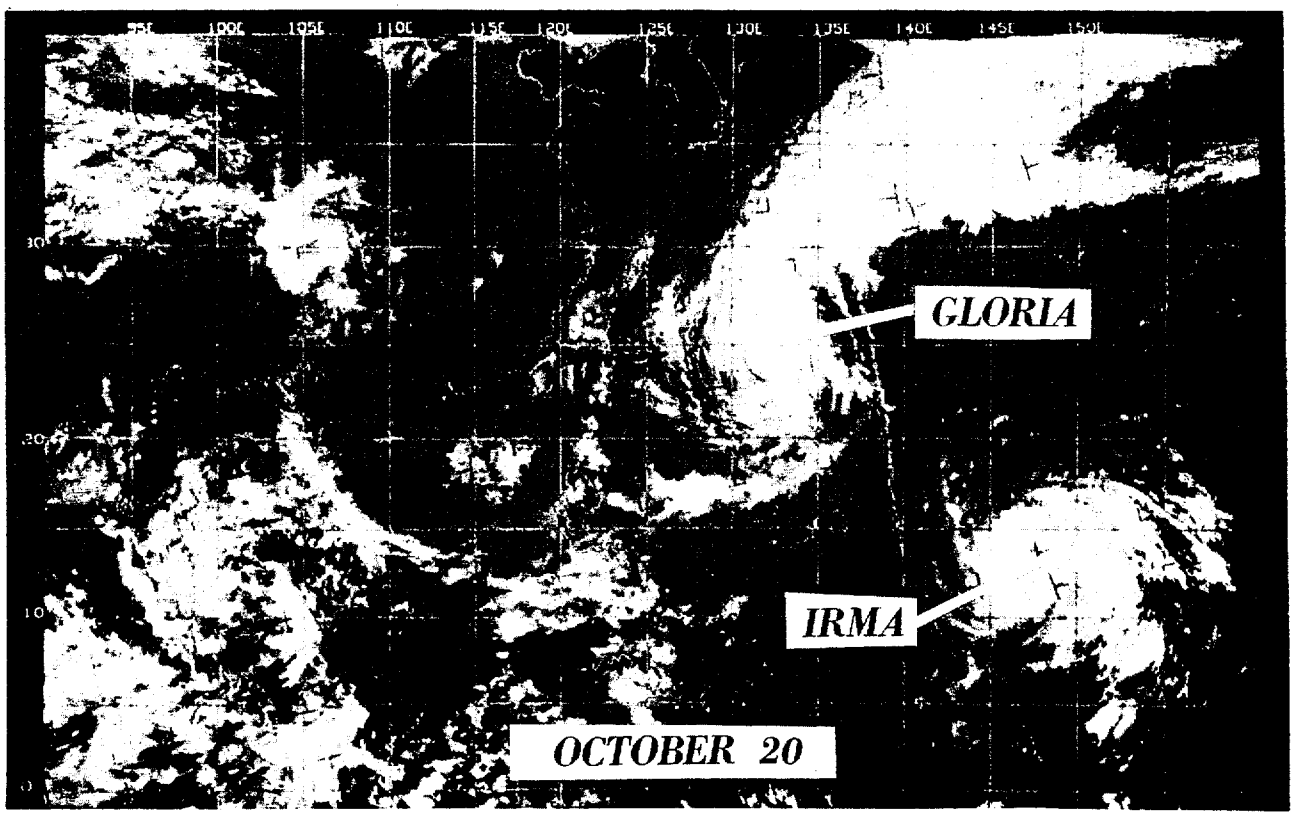
A. INITIAL IMPETUS - FRACTURE OF A POLAR TROUGH AND AN EASTERLY WAVE

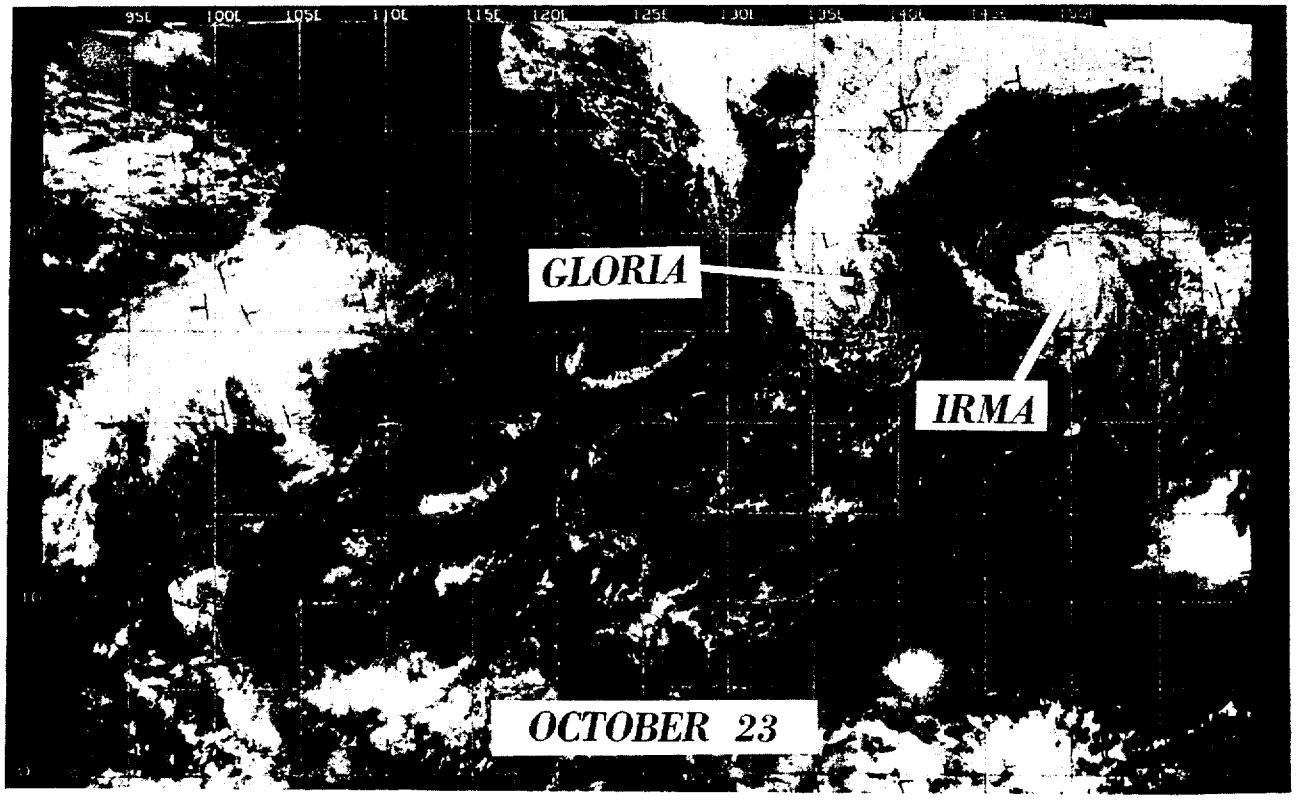
B. INITIAL SURFACE VORTEX
1. JUNCTION VORTEX AT 181200Z
2. SURFACE PRESSURE LESS THAN 1008MB

C. 200MB FLOW ABOVE SURFACE VORTEX
1. INITIAL - NORTHEAST
2. UPON REACHING TYPHOON INTENSITY - SOUTHWEST

III. FINAL DISPOSITION - BECAME EXTRATROPICAL


BEST TRACK
TYPHOON IRMA
CYCLONE 26
20 – 24 OCTOBER 1968
LEGEND
6 HR BEST TRACK POSITS
AIRCRAFT, SATELLITE OR LAND RADAR FIXES
SPEED
INTENSITY
TYPHOON OR TROPICAL STORM
TROPICAL DEPRESSION
FORMATIVE STAGE
24/23Z
23/23Z
22/23Z
21/23Z
20/23Z
20/11Z
18/12Z
TSINGTAO
SHANGHAI
TOKYO
OKINAWA
CHICHI JIMA
IWO JIMA
SAIPAN
GUAM
MANILA
YAP
ULITHI
WOLEAI ATOL
KOROR
TRUK
PONAPE
ENIWETOK ATOL
RONGERIK ATOL
KWAJALEIN
MAJURO
KUSAIE
WAKE I


GLORIA
IRMA
OCTOBER 20


GLORIA
IRMA
OCTOBER 23

EYE FIXES CYCLONE 26

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
1	190406Z	11.0N 156.0E	SLTLS	STG -	DIA 02	BNDS -							
2	200501Z	14.0N 153.0E	SLTLS	STG B	DIA --	BNDS -							
3	200815Z	11.6N 151.8E	54-P-05-05	0310M	025	015	004	---	27/27	----			N.F.B.
4	202215Z	13.3N 149.3E	54-P-10-25	0340M	025	025	998	---	24/22	----			F.B.
5	210300Z	13.6N 148.2E	54-P-05-20	0400M	020	030	996	---	24/23	----			F.B.
6	210401Z	13.5N 147.0E	SLTLS	STG X	DIA 03	BNDS 1							
7	210930Z	13.5N 146.5E	VW-P-15-10	0350M	020	022	999	---	25/26	CIRC	----	13	--
8	212030Z	14.1N 145.2E	LND RDR		---	---	---	---	--/--	ELIP	NE-SW	--X--	--
9	211030Z	13.3N 146.5E	LND RDR		---	---	---	---	--/--	----			--
10	211130Z	13.3N 146.3E	LND RDR		---	---	---	---	--/--	----			--
11	211200Z	13.3N 146.3E	LND RDR		---	---	---	---	--/--	----			--
12	211500Z	13.5N 146.0E	LND RDR		---	---	---	---	--/--	----			--
13	211600Z	13.7N 145.6E	LND RDR		---	---	---	---	--/--	----			--
14	212130Z	14.1N 144.9E	LND RDR		---	---	---	---	--/--	----			--
15	212230Z	13.9N 144.8E	LND RDR		---	---	---	---	--/--	----			--
16	212300Z	13.9N 145.2E	54-P-01-05	700MB	040	035	992	3015	14/12	----			F.B.
17	220030Z	14.1N 145.1E	LND RDR		---	---	---	---	--/--	----			--
18	220300Z	14.0N 144.5E	54-P-01-03	700MB	035	040	985	2949	12/10	CIRC	----	30	--
19	220456Z	14.0N 145.0E	SLTLS	STG X	DIA 03	BNDS 3							
20	221030Z	15.0N 145.2E	LND RDR		---	---	---	---	--/--	----			--
21	221230Z	15.3N 144.7E	LND RDR		---	---	---	---	--/--	----			--
22	221430Z	15.3N 144.9E	LND RDR		---	---	---	---	--/--	----			--
23	221557Z	15.4N 145.2E	54-P-01-04	700MB	055	---	977	2877	15/10	CIRC	----	27	05
24	221830Z	15.9N 144.9E	LND RDR		---	---	---	---	--/--	----			--

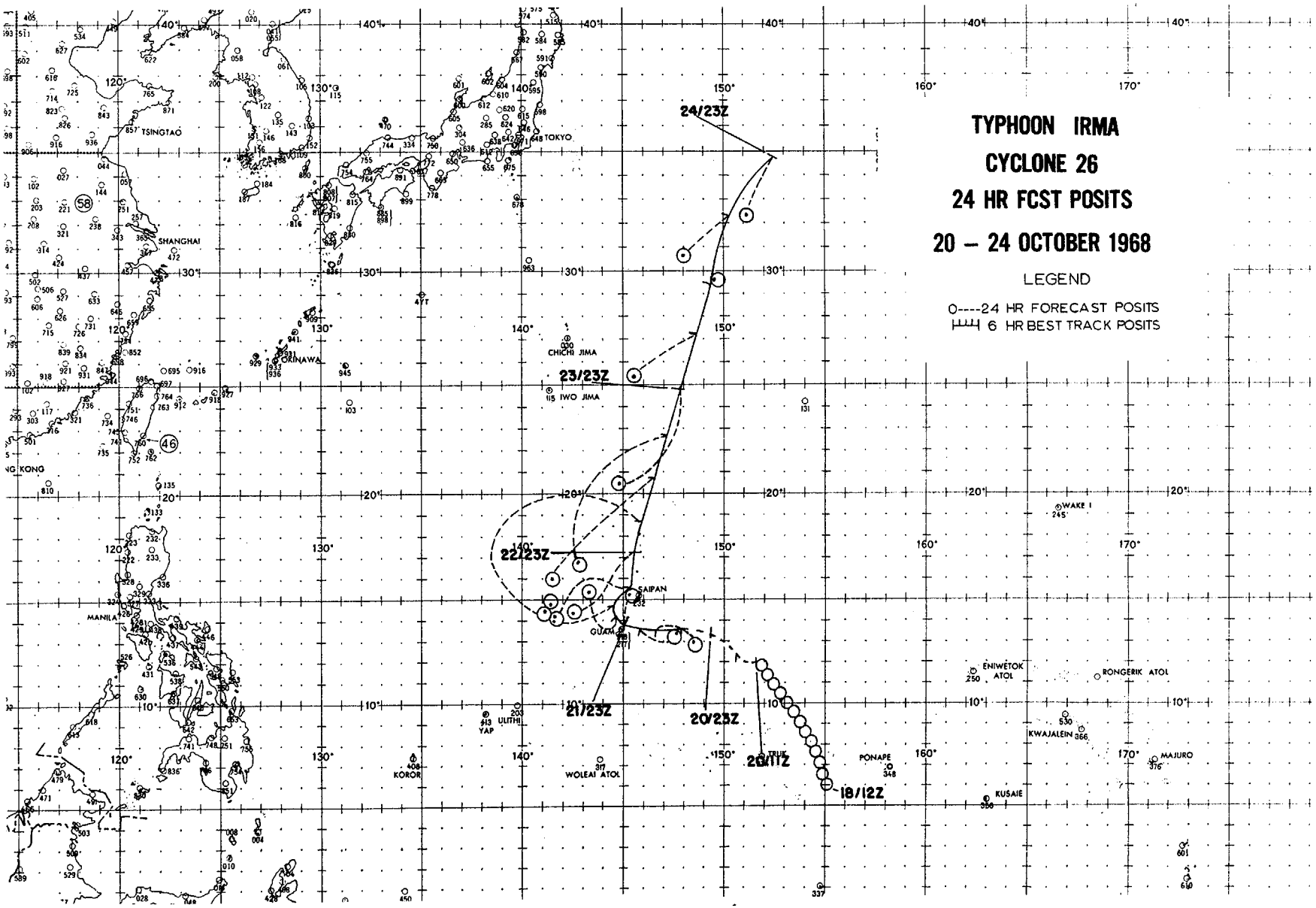
EYE FIXES CYCLONE 26

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	222230Z	16.9N 145.4E	54-P-05-05	700MB	060	050	975	2883	16/13	CIRC	----	30	05
26	230400Z	18.0N 145.5E	SLTLS	STG X	DIA 03	BNDS 3							
27	230400Z	18.4N 145.9E	54-P-02-02	700MB	070	080	968	2844	18/12	CIRC	----	30	--
28	230900Z	20.4N 146.4E	VW-R-03-03	0500M	055	050	---	---	--/--	CIRC	----	50	14
29	231155Z	21.2N 146.7E	VW-R-01-02		---	---	---	---	--/--	CIRC	----	40	15
30	231435Z	21.9N 146.8E	VW-R-03-03		---	---	---	---	--/--	CIRC	----	30	15
31	231522Z	22.5N 146.6E	VW-P-01-02	700MB	---	---	962	2774	19/11	CIRC	----	30	20
32	232200Z	24.6N 147.6E	54-P-05-05	700MB	080	080	946	2700	20/12	CIRC	----	30	--
33	240300Z	26.6N 148.4E	54-P-05-05	700MB	110	100	960	2783	21/12	CIRC	----	30	--
34	240451Z	28.0N 148.5E	SLTLS	STG X	DIA 03	BNDS 4							
35	241510Z	31.9N 150.8E	VW-R----20		---	---	---	---	--/--	----			--
36	241555Z	31.8N 150.7E	VW-P-15-02	1240M	---	070	968	2954	24/21	CIRC	----	60	F.B.
37	242220Z	34.5N 152.3E	54-P-05-10	700MB	062	065	975	2890	17/12	----			--

TROPICAL CYCLONE 26 -- 10/20/1100Z TO 10/24/2300Z
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.
211100Z	13.6N	146.7E	110-0102	--------	--------
211700Z	13.7N	145.8E	103-0102	--------	--------
212300Z	13.8N	145.0E	009-0078	--------	--------
220500Z	14.2N	144.5E	309-0090	--------	--------
221100Z	14.8N	144.7E	255-0198	--------	--------
221700Z	15.7N	145.3E	245-0222	--------	--------
222300Z	17.1N	145.5E	224-0240	--------	--------
230500Z	18.8N	145.9E	227-0378	--------	--------
231100Z	20.7N	146.5E	226-0396	--------	--------
231700Z	22.8N	147.1E	214-0426	--------	--------
232300Z	24.9N	147.8E	211-0306	214-0750	--------
240500Z	27.1N	148.6E	237-0192	218-0918	--------
241100Z	29.5N	149.3E	034-0018	217-0900	--------
241700Z	32.2N	150.3E	232-0144	212-0984	--------
242300Z	34.8N	152.5E	204-0162	215-0852	--------

AVERAGE 24 HOUR ERROR - 0203 MI.
AVERAGE 48 HOUR ERROR - 0880 MI.
AVERAGE 72 HOUR ERROR - ---- MI.


TYPHOON IRMA
CYCLONE 26
24 HR FCST POSITS
20 – 24 OCTOBER 1968
LEGEND
O----24 HR FORECAST POSITS
6 HR BEST TRACK POSITS
24/23Z
23/23Z
22/23Z
21/23Z
20/23Z
20/11Z
18/12Z
TSINGTAO
TOKYO
SHANGHAI
OKINAWA
CHICHI JIMA
IWO JIMA
SAIPAN
GUAM
MANILA
YAP
ULITHI
KOROR
WOLEAI ATOL
TRUK
PONAPE
KUSAIE
ENIWETOK ATOL
RONGERIK ATOL
KWAJALEIN
MAJURO
WAKE I