TROPICAL CYCLONE 12 - 08/12/1200Z TO 08/17/0000Z

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 - 0522 MI

B. CHARACTERISTICS AS A TYPHOON

1. MINIMUM OBSERVED SLP - 972MBS AT 152200Z
2. MINIMUM OBSERVED 700MB HEIGHT - 2880M. AT 152200Z
3. MAXIMUM SURFACE WIND - 090 KTS (FROM BEST TRACK)
4. MAXIMUM RADIUS OF SURFACE CIRCULATION - 400 MI

II. DEVELOPMENT

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

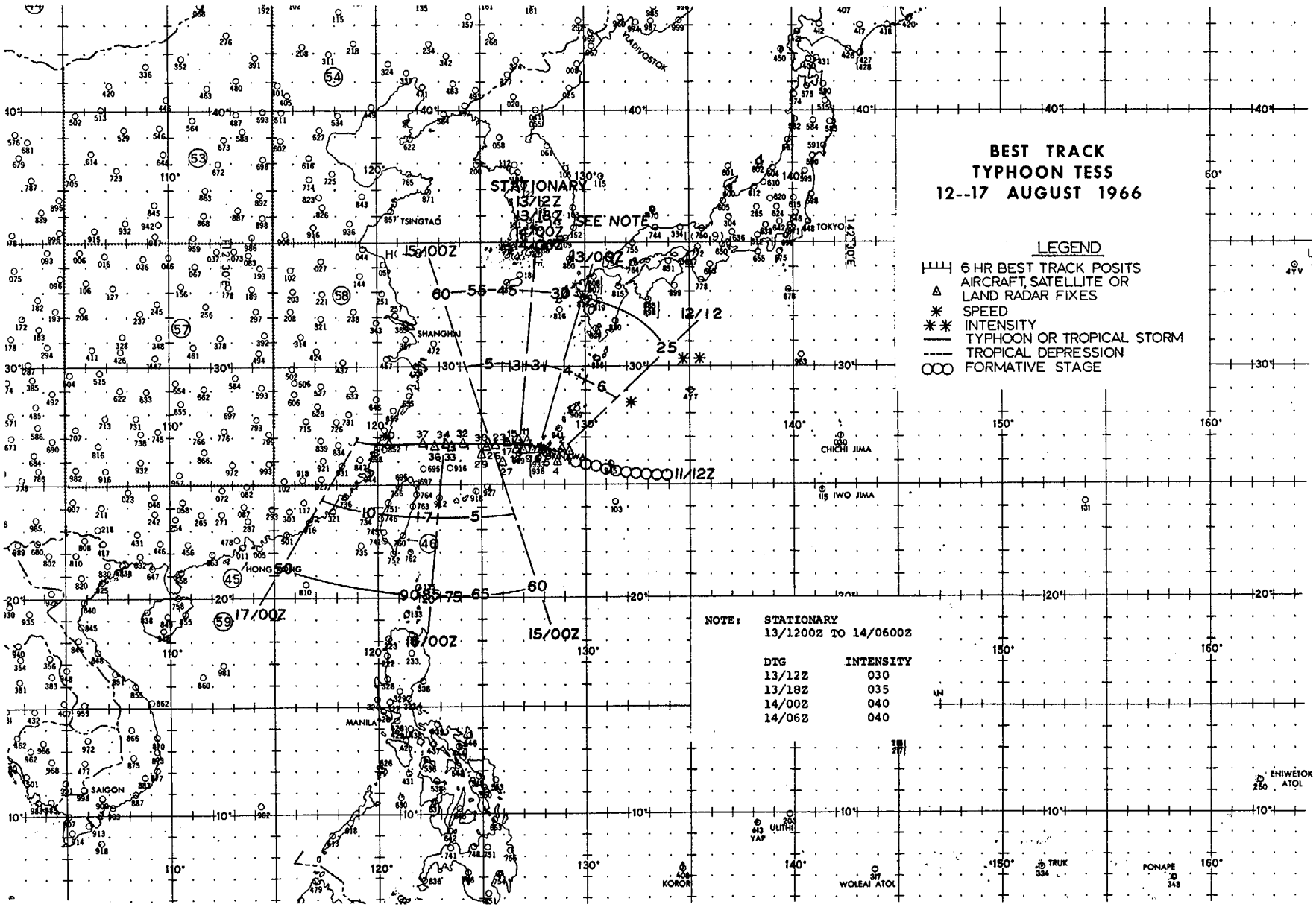
B. INITIAL SURFACE VORTEX

1. EMBEDDED VORTEX AT 111200Z
2. SURFACE PRESSURE LESS THAN 1004MB

C. 200MB FLOW ABOVE SURFACE VORTEX

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

III. FINAL DISPOSITION - DISSIPATED OVER LAND


BEST TRACK
TYPHOON TESS
12--17 AUGUST 1966
LEGEND
6 HR BEST TRACK POSITS
AIRCRAFT, SATELLITE OR LAND RADAR FIXES
SPEED
INTENSITY
TYPHOON OR TROPICAL STORM
TROPICAL DEPRESSION
FORMATIVE STAGE
NOTE: STATIONARY
13/1200Z TO 14/0600Z
DTG INTENSITY
13/12Z 030
13/18Z 035
14/00Z 040
14/06Z 040
STATIONARY
13/12Z
13/18Z
14/00Z
SEE NOTE
13/09Z
15/00Z
12/12
11/12Z
17/00Z
16/00Z
15/00Z
VLADIVOSTOK
TSINGTAO
SHANGHAI
TOKYO
CHICHI JIMA
IWO JIMA
HONG KONG
MANILA
SAIGON
KOROR
YAP
ULITHI
WOLEAI ATOL
TRUK
PONAPE
ENIWETOK ATOL

EYE FIXES CYCLONE 12

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	120830Z	26.3N 129.1E	54-R-P03	046OM	025	025	---	---	--/--	ELIP	NE-SW	15X08	--
2	121020Z	26.2N 128.8E	LND RDR		---	---	---	---	--/--	----			--
3	121020Z	26.1N 129.0E	LND RDR		---	---	---	---	--/--	----			--
4	121320Z	25.9N 128.6E	LND RDR		---	---	---	---	--/--	----			--
5	121730Z	26.3N 128.1E	LND RDR		---	---	---	---	--/--	----			--
6	122130Z	26.5N 127.8E	LND RDR		---	---	---	---	--/--	----			--
7	122230Z	26.5N 127.8E	LND RDR		---	---	---	---	--/--	----			--
8	130100Z	26.5N 127.7E	LND RDR		---	---	---	---	--/--	----			--
9	130230Z	26.5N 127.5E	LND RDR		---	---	---	---	--/--	----			--
10	130254Z	26.7N 127.9E	54-P-P00	700MB	020	030	993	3033	16/--	CIRC	----	15	F.B.
11	130630Z	26.8N 127.2E	LND RDR		---	---	---	---	--/--	----			--
12	131115Z	26.5N 127.0E	VW-P-P05	700MB	---	---	---	3042	--/--	CIRC	----	30	--
13	131300Z	26.9N 127.0E	LND RDR		---	---	---	---	--/--	----			--
14	131445Z	26.8N 127.0E	VW-P-F05	700MB	---	---	---	3024	--/--	CIRC	----	30	--
15	131600Z	26.9N 126.8E	LND RDR		---	---	---	---	--/--	----			--
16	131930Z	27.0N 126.6E	LND RDR		---	---	---	---	--/--	----			--
17	132130Z	26.6N 126.7E	54-P-P01	700MB	022	040	988	2999	14/--	CIRC	----	10	--
18	140200Z	26.4N 126.8E	54-P-P01	700MB	024	040	---	3011	14/--	CIRC	----	10	--
19	140505Z	26.4N 126.8E	LND RDR		---	---	---	---	--/--	----			--
20	140700Z	26.4N 126.8E	LND RDR		---	---	---	---	--/--	----			--
21	140800Z	26.5N 126.8E	LND RDR		---	---	---	---	--/--	----			--
22	140900Z	26.6N 126.8E	LND RDR		---	---	---	---	--/--	----			--
23	140955Z	26.8N 126.2E	LND RDR		---	---	---	---	--/--	----			--
24	141015Z	26.6N 126.9E	VW-P-P02	045OM	---	055	---	---	--/--	CIRC	----	06	F.B.

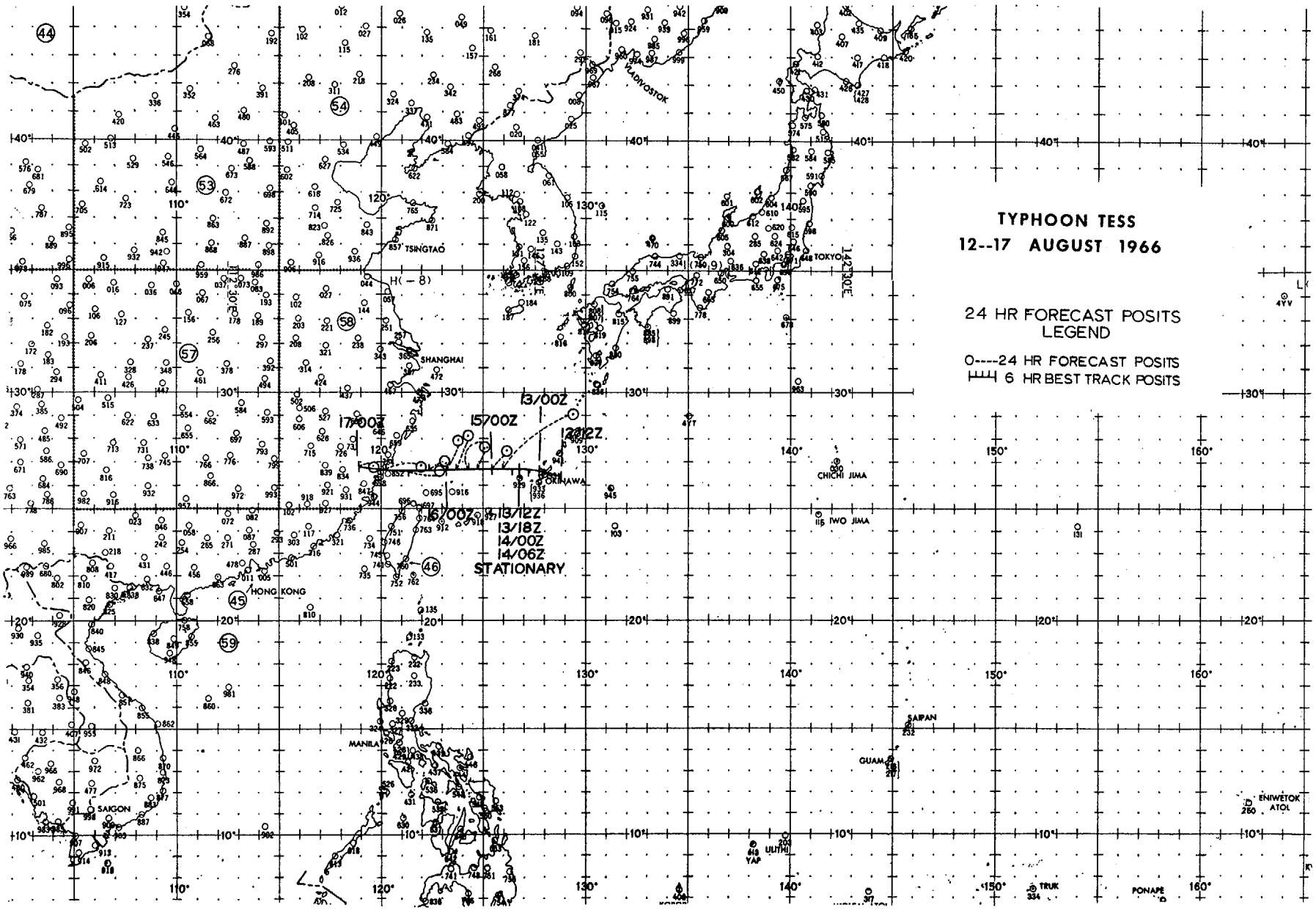
EYE FIXES CYCLONE 12

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	141505Z	26.8N 126.4E	VW-P-P02	700MB	---	---	975	2960	--/--	CIRC	----	06	F.B.
26	142153Z	26.7N 125.6E	54-P-P03	700MB	045	075	978	2914	15/--	CIRC	----	15	--
27	150138Z	26.0N 126.0E	TIROS	STG X	DIA --	BNDS -							
28	150233Z	26.6N 125.3E	54-P-P03	700MB	050	085	976	2893	16/--	CIRC	----	10	--
29	150805Z	26.3N 125.0E	VW-UNK15	0340M	---	---	---	---	--/--	----			--
30	150920Z	26.6N 125.2E	VW-R-P05	0530M	---	060	---	---	--/--	CIRC	----	06	07
31	150930Z	26.6N 124.8E	LND RDR		---	---	---	---	--/--	----			--
32	151430Z	26.8N 124.1E	VW-R-P05	700MB	---	---	---	---	--/--	CIRC	----	08	15
33	151540Z	26.6N 123.5E	LND RDR		---	---	---	---	--/--	----			--
34	152200Z	26.7N 123.2E	54-P-P01	700MB	055	100	972	2880	19/--	CIRC	----	20	--
35	160230Z	26.7N 122.9E	54-P-P02	700MB	070	075	974	2892	17/--	CIRC	----	10	10
36	160230Z	26.6N 122.7E	LND RDR		---	---	---	---	--/--	----			--
37	160550Z	26.8N 122.1E	LND RDR		---	---	---	---	--/--	----			--
38	160800Z	26.7N 122.2E	VW-UNK--		---	---	---	---	--/--	----			--
39	160840Z	26.8N 122.1E	VW-R-P02	0270M	080	090	---	---	--/--	CIRC	----	10	05
40	161430Z	26.8N 120.5E	VW-R-P02	3250M	---	---	---	---	--/--	CIRC	----	30	--

TROPICAL CYCLONE 12 - 08/12/1200Z TO 08/17/0000Z
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.
131800Z	26.7N	126.8E	341	0072	--------		--------	
140000Z	26.7N	126.8E	357	0156	--------		--------	
140600Z	26.7N	126.8E	338	0126	--------		--------	
141200Z	26.7N	126.5E	344	0156	--------		--------	
141800Z	26.7N	126.0E	329	0162	--------		--------	
150000Z	26.7N	125.4E	042	0060	--------		--------	
150600Z	26.7N	124.8E	013	0054	--------		--------	
151200Z	26.7N	124.3E	042	0072	--------		--------	
151800Z	26.8N	123.7E	022	0078	--------		--------	
160000Z	26.8N	123.2E	027	0078	040	0252	--------	
160600Z	26.8N	122.4E	082	0042	026	0198	--------	
161200Z	26.8N	121.3E	094	0078	044	0204	--------	
161800Z	26.8N	120.1E	087	0102	047	0270	--------	
170000Z	26.9N	119.0E	101	0030	049	0378	--------	

AVERAGE 24 HOUR ERROR - 0090 MI.
AVERAGE 48 HOUR ERROR - 0260 MI.
AVERAGE 72 HOUR ERROR - ---- MI.


TYPHOON TESS
12--17 AUGUST 1966
24 HR FORECAST POSITS
LEGEND
0----24 HR FORECAST POSITS
6 HR BEST TRACK POSITS
17/00Z
15/00Z
13/00Z
12/12Z
16/00Z
13/12Z
13/18Z
14/00Z
14/06Z
STATIONARY
VLADIVOSTOK
TSINGTAO
SHANGHAI
TOKYO
OKINAWA
CHICHI JIMA
IWO JIMA
HONG KONG
MANILA
SAIGON
SAIPAN
GUAM
ULITHI
YAP
TRUK
PONAPE
ENIWETOK ATOL