TYPHOON WANDA - 120000Z TO 141200Z APRIL

I. DATA

A. Statistics

1. Number of warnings issued - 10
2. Number of warnings with typhoon intensity - 2
3. Total distance traveled during tropical warning period - 914 mi

B. Characteristics as a typhoon

1. Minimum observed SLP - 998mbs at 120500Z
2. Minimum observed 700mb height - 3106m. at 122300Z
3. Maximum surface wind - 65 kts (From Best Track)
4. Maximum radius of surface circulation - 250 mi

II. DEVELOPMENT

A. Initial impetus - Southern hemispheric inflow at low and mid levels under mass divergence at 200 mbs

B. Initial surface vortex

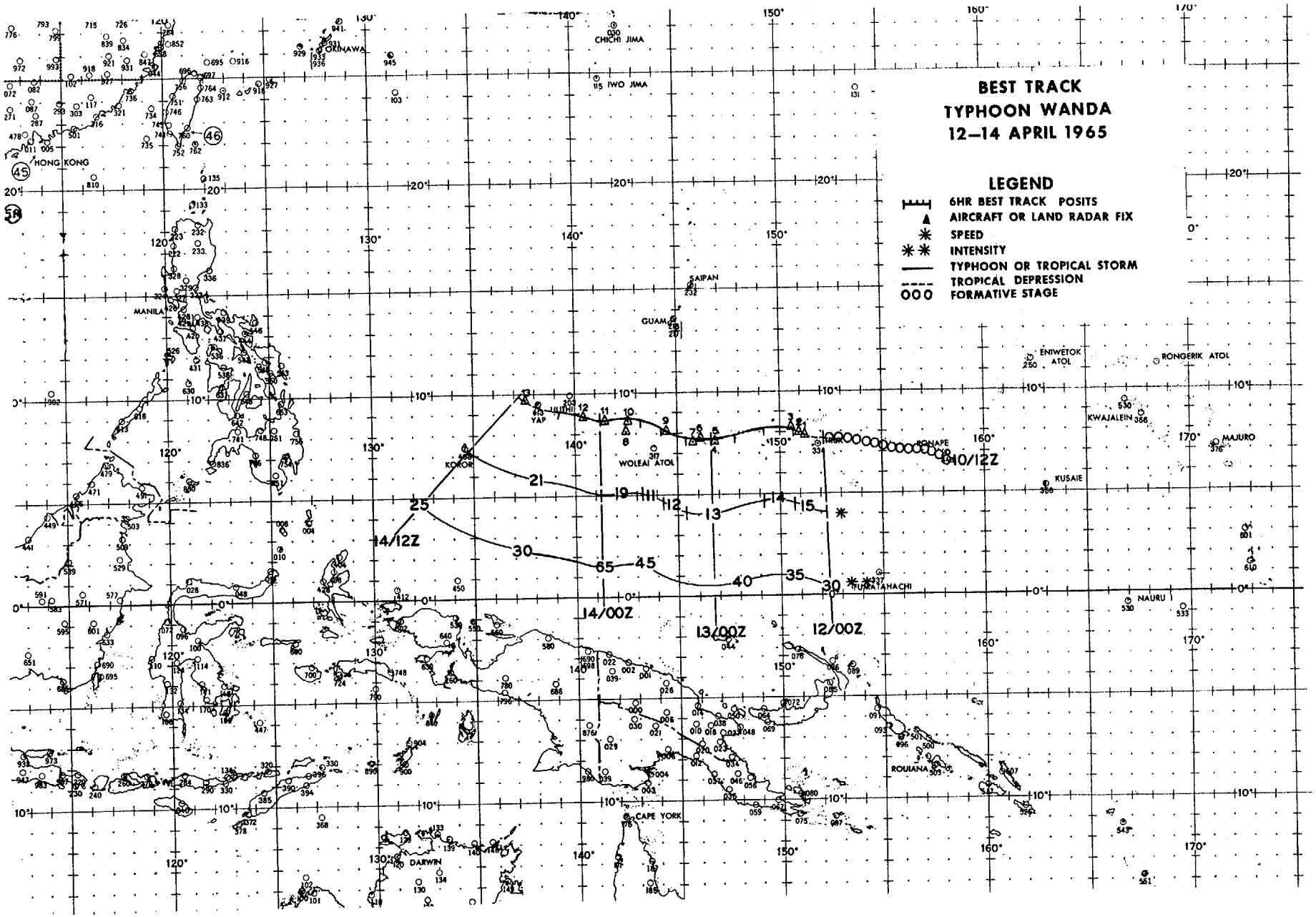
1. Junction vortex at 101200Z
2. Surface pressure less than 1010 mbs

C. 200mb flow above surface vortex

1. Initial - east
2. Upon reaching typhoon intensity - southeast

III. FINAL DISPOSITION

A. Moved under mid level anticyclonic flow


BEST TRACK
TYPHOON WANDA
12–14 APRIL 1965
LEGEND
6HR BEST TRACK POSITS
AIRCRAFT OR LAND RADAR FIX
SPEED
INTENSITY
TYPHOON OR TROPICAL STORM
TROPICAL DEPRESSION
FORMATIVE STAGE
OKINAWA
CHICHI JIMA
IWO JIMA
HONG KONG
MANILA
SAIPAN
GUAM
ENIWETOK ATOL
RONGERIK ATOL
KWAJALEIN
MAJURO
KUSAIE
YAP
ULITHI
KOROR
WOLEAI ATOL
PONAPE
FUMATAHACHI
NAURU
ROUIANA
CAPE YORK
DARWIN
14/12Z
14/00Z
13/00Z
12/00Z
10/12Z

EYE FIXES TYPHOON WANDA

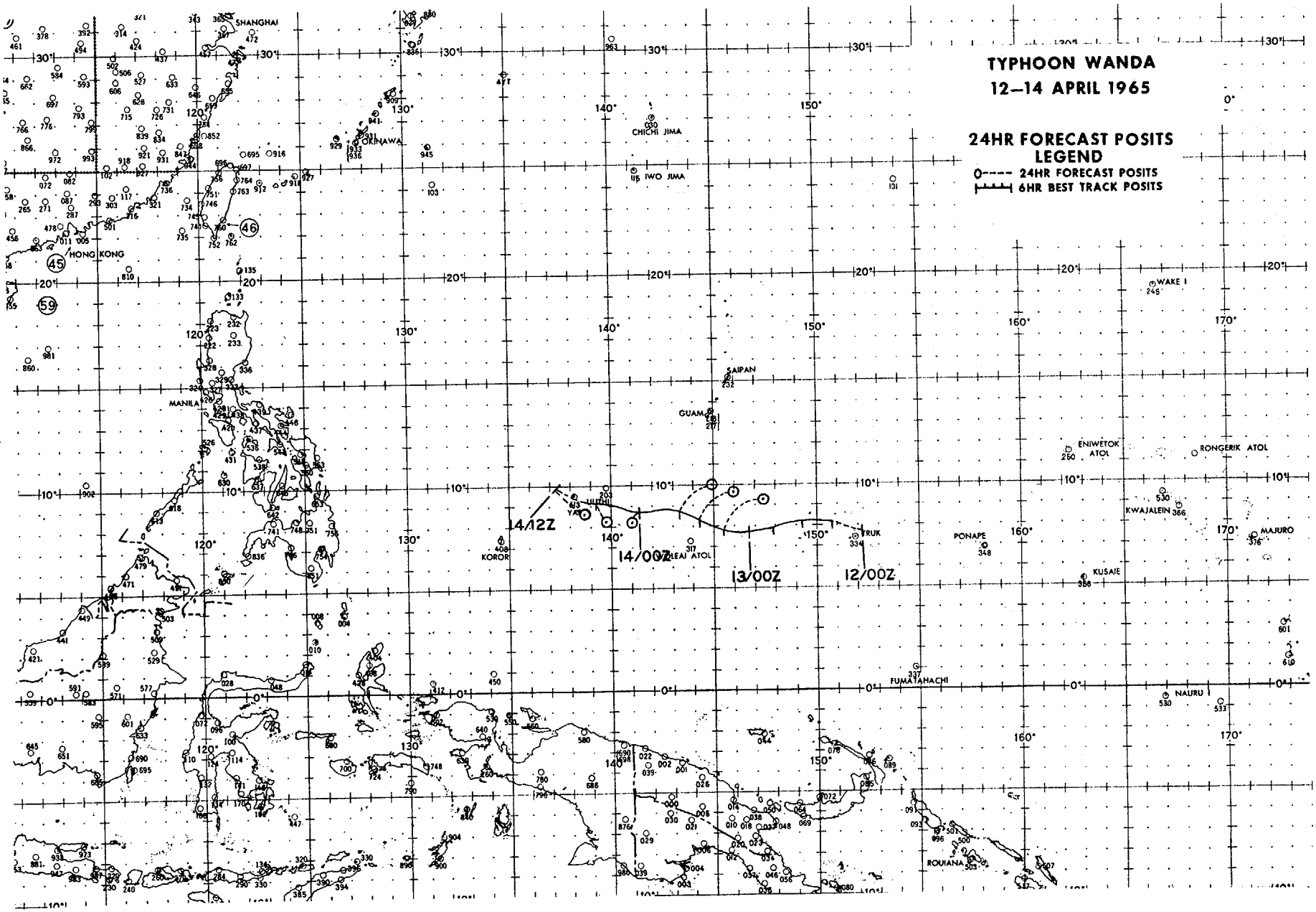
FIX NO.	TIME	POSIT	UNIT-METHOD-ACCY	FLT LVL	FLT LVL WND	OBS SFC WND	OBS MIN SLP	MIN 700MB HGT	FLT LVL TT/TD	REMARKS
1	120316Z	07.8N 151.3E	54-R-3	29700ft	40	25	--	---	--/--	POORLY DEFINED
2	120430Z	07.9N 151.1E	54-R-3	29600ft	45	--	--	---	--/--	CNTR NOT WELL ORGANIZED NO WALL CLD
3	120500Z	08.1N 150.6E	VW1-P-10	1500ft	--	35	998	---	--/--	CNTR NOT CLSD
4	122300Z	07.6N 146.9E	56-P-1	691mb	25	35	1003	3106	15/08	EYE ELLIP NE-SW CLSD SFC AND 700MB CNTRS
5	122339Z	07.7N 146.9E	54-P-5	30000ft	--	45	--	---	-32/--	NO WALL CLD
6	130332Z	07.8N 146.1E	54-R-0	30000ft	--	40	--	---	-32/--	TWO WEAK FDR BNDS FM NW & ONE HVY FDR BND FM W INTO EYE
7	130400Z	07.7N 145.8E	56-P-1	689mb	30	35	1003	---	--/--	SFC CIRC CLSD BUT 700MB CIRCN NOT CLSD
8	130952Z	08.1N 143.6E	VW1-P-10	1500ft	--	40	1000	---	23/22	CNTR DIFUS, OPEN N SEMI. HVY WX W FDR BNDS ALL QUADS
*9	131130Z	08.3N 144.4E	VW1-P-5	1500ft	--	--	1000	---	23/21	CNTR CLOSING NEWLY FORMED FDR BNDS E QUAD
10	131545Z	08.6N 143.7E	VW1-R-10	1500ft	--	--	--	---	--/--	CNTR DIFUS FDR BNDS WKNG
11	132300Z	08.6N 141.4E	56-P-2	694mb	35	65	--	3152	09/09	SFC CNTR OPEN S HALF
12	140300Z	08.8N 140.4E	56-P-2	694mb	25	50	1006	3133	11/07	AT 700MB S HALF OPEN CALM AT LEAST 100 MI S
13	141030Z	09.7N 137.7E	VW1-P-15	1200ft	35	--	1006	---	--/--	NEG WALL CLD MOD TO HVY BRKN ECHOES NW QUAD, OTHER QUADS OPEN

*RELOCATED CENTER

TYPHOON WANDA 12 APR-14 APR 1965
POSITION AND FORECAST VERIFICATION DATA

DTG	STORM POSITION LAT.	LONG.	24 HOUR ERROR DEG. DISTANCE	48 HOUR ERROR DEG. DISTANCE
120000Z	07.6N	152.1E	------	------
120600Z	08.1N	150.6E	------	------
121200Z	08.2N	149.2E	------	------
121800Z	07.8N	147.9E	------	------
130000Z	07.7N	146.7E	------	------
130600Z	07.8N	145.4E	054-140	------
131200Z	08.3N	144.3E	052-120	------
131800Z	08.6N	143.3E	051-130	------
140000Z	08.6N	141.3E	208-35	------
140600Z	09.1N	139.3E	147-65	072-270
141200Z	09.8N	137.3E	135-105	078-290

AVERAGE 24 HOUR ERROR 99 MI
AVERAGE 48 HOUR ERROR 280 MI


TYPHOON WANDA
12–14 APRIL 1965
24HR FORECAST POSITS
LEGEND
24HR FORECAST POSITS
6HR BEST TRACK POSITS
SHANGHAI
OKINAWA
CHICHI JIMA
IWO JIMA
HONG KONG
MANILA
SAIPAN
GUAM
WAKE I
ENIWETOK ATOL
RONGERIK ATOL
KWAJALEIN
MAJURO
PONAPE
KUSAIE
TRUK
KOROR
ULITHI
YAP
LEAI ATOL
FUMATAHACHI
NAURU I
ROUIANA
14/12Z
14/00Z
13/00Z
12/00Z