TYPHOON AMY - 210600Z TO 270600Z MAY

I. DATA

A. Statistics

1. Number of warnings issued - 25
2. Number of warnings with typhoon intensity - 10
3. Total distance traveled during tropical warning period - 2250 mi

B. Characteristics as a typhoon

1. Minimum observed SLP - 976mbs at 260900Z
2. Minimum observed 700mb height - 2923m. at 260900Z
3. Maximum surface wind - 100 kts (From Best Track)
4. Maximum radius of surface circulation - 275 mi

II. DEVELOPMENT

A. Initial impetus - Southern hemispheric inflow at low and mid levels

B. Initial surface vortex

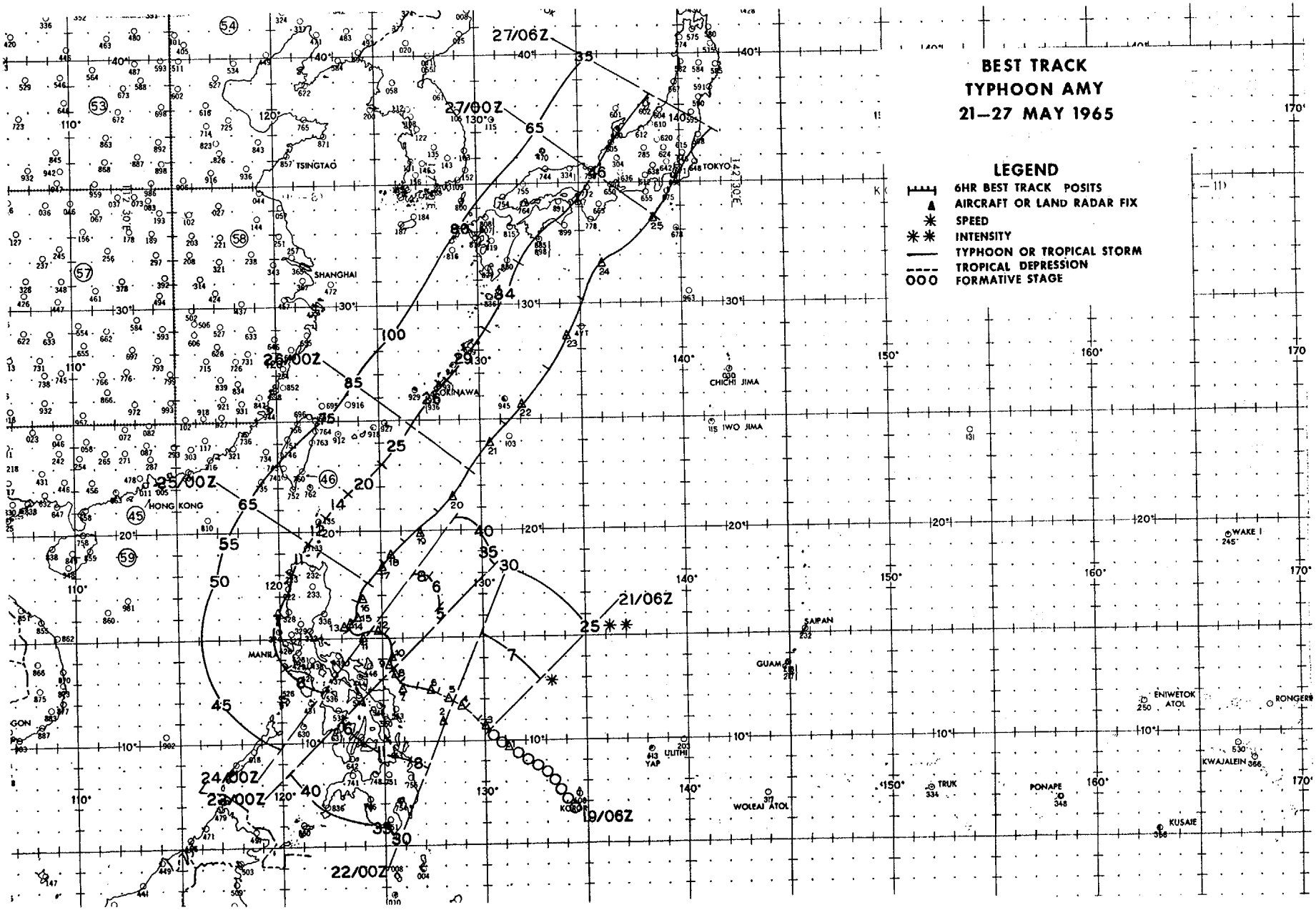
1. Junction vortex at 190600Z
2. Surface pressure less than 1006mbs

C. 200mb flow above surface vortex

1. Initial - southwestern
2. Upon reaching typhoon intensity - center of anticyclone

III. FINAL DISPOSITION

A. Became extratropical


BEST TRACK
TYPHOON AMY
21–27 MAY 1965
LEGEND
6HR BEST TRACK POSITS
AIRCRAFT OR LAND RADAR FIX
SPEED
INTENSITY
TYPHOON OR TROPICAL STORM
TROPICAL DEPRESSION
FORMATIVE STAGE
TSINGTAO
SHANGHAI
TOKYO
OKINAWA
CHICHI JIMA
IWO JIMA
HONG KONG
MANILA
SAIPAN
GUAM
ULITHI
YAP
KOROR
WOLEAI ATOL
TRUK
PONAPE
KUSAIE
KWAJALEIN
ENIWETOK ATOL
WAKE I
27/06Z
27/00Z
26/00Z
25/00Z
24/00Z
23/00Z
22/00Z
21/06Z
19/06Z

EYE FIXES TYPHOON AMY

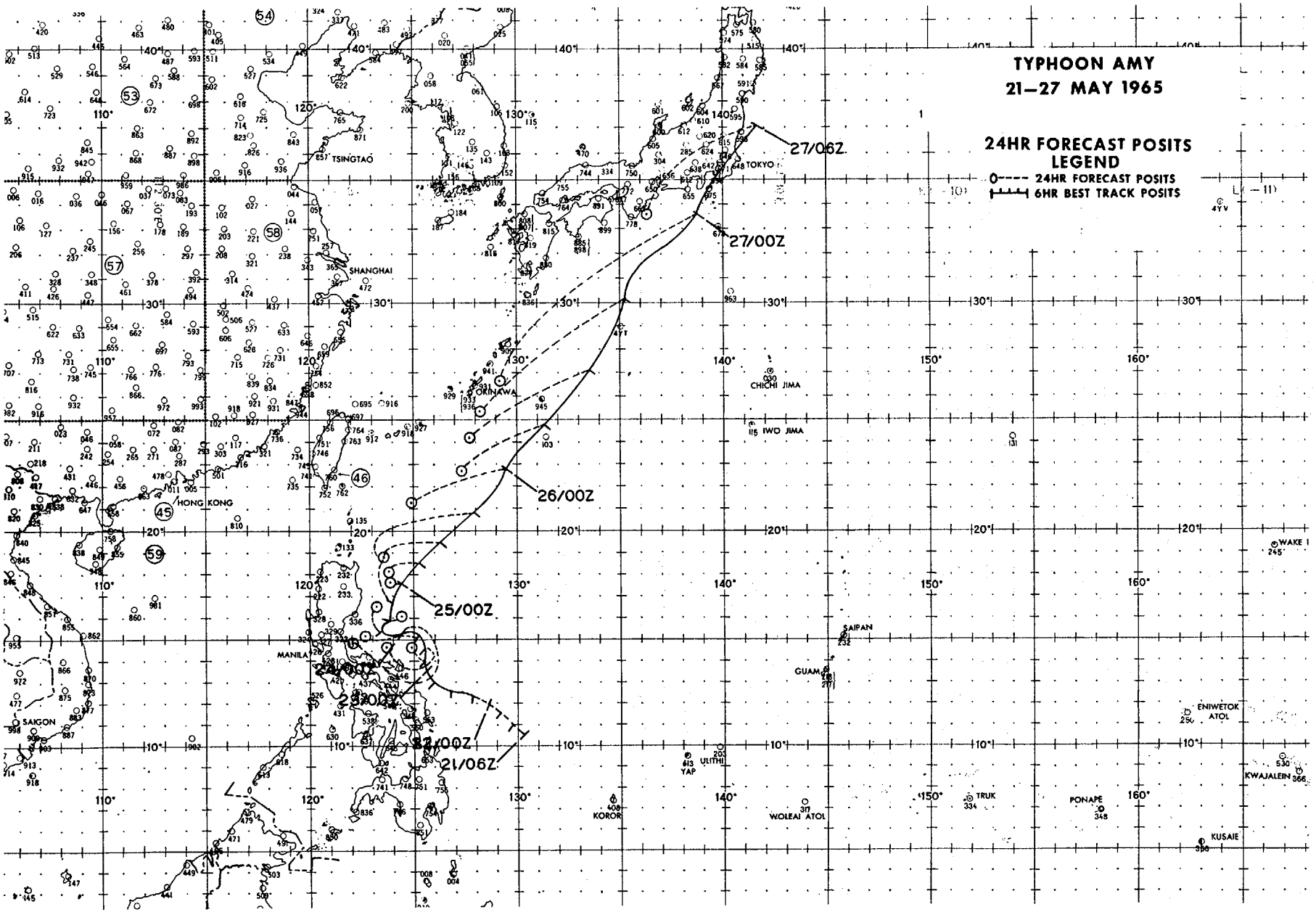
FIX NO.	TIME	POSIT	UNIT-METHOD-ACCY	FLT LVL	FLT LVL WND	OBS SFC WND	OBS MIN SLP	MIN 700MB HGT	FLT LVL TT/TD	REMARKS
1	210135Z	09.6N 131.2E	54-R-5	30000ft	30	30	--	---	-30/--	
2	210216Z	11.0N 128.0E	TIROS	--	--	--	--	---	--/--	STAGE D, DIA 4, BNDS 1 OVC AREA 4 DEG DIA
3	210715Z	10.6N 130.1E	VW1-P-10	600ft	--	25	996	---	27/20	CNTR POORLY DEFINED 50 MI DIA OPEN NW & SE NO WALL CLD
4	212100Z	11.7N 128.9E	VW1-P-6	1500ft	--	25	995	---	24/19	CNTR CIRC 25 MI DIA PRES, WND, RADAR CNTRS CORRESPOND
5	220330Z	12.0N 128.3E	56-P-5	700mb	--	30	--	---	--/--	CLSD CIRC AT SFC ONLY NO CLSD CIRC AT 700MB
6	220800Z	12.4N 127.6E	56-P-4	700mb	20	35	1001	3045	11/03	CLSD CIRC AT SFC & 700MB WALL CLD TOPS 11000 FT
7	221440Z	12.5N 126.0E	VW1-R-U	700mb	--	--	--	---	14/08	BRKN WALLED CNTR ON RDR
8	222130Z	13.2N 125.7E	VW1-P-10	1000ft	--	25	998	---	26/22	ELIP 15X 5 MI NE-SW NEG BNDG RAPID DSPTN ALL QUADS
9	230329Z	13.7N 125.3E	56-P-2	692mb	20	25	995	3051	13/10	NO RDR EYE 700MB OPEN S, SFC CIRC CLSD
10	230800Z	14.0N 125.4E	56-P-2	692mb	30	30	993	3039	14/09	NO RDR EYE SFC CALM 30 MI DIA
11	231445Z	15.0N 124.1E	VW1-R-10	700mb	--	--	--	---	--/--	CNTR ELIP 40 X 20 MI N-S MAX TOPS OVER 35000FT

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
12	232130Z	15.2N 124.8E	VW1-P-5	800ft	--	40	993	---	28/19	CNTR CIRC 30 MI DIA
13	240345Z	15.4N 123.2E	56-E-U	3260M	--	--	--	---	--/--	APPROX CNTR UNABLE TO MAKE FIX DUE NUMEROUS FUNNEL CLDS
14	240840Z	15.8N 123.5E	56-R-5	3250M	45	45	--	---	--/--	EYE CIRC 10 MI DIA STG SPIRAL BNDS W & N QUADS
15	241521Z	16.0N 123.9E	VW1-R-10	3500ft	--	--	--	---	--/--	EYE CIRC 9 MI DIA PATTERN SUGGESTS WNDS IN EXCESS OF 65 KTS AT 3500 FT
16	242100Z	16.9N 124.1E	VW1-P-5	700ft	--	65	979	---	24/15	RDR CNTR 230 DEG 5 MI FM WND CNTR. CNTR OPEN NW QUAD
17	250450Z	18.3N 125.1E	56-P-3	700mb	60	55	982	2951	11/10	EYE CIRC 25 MI DIA
18	250900Z	18.9N 125.6E	56-P-2	700mb	65	65	982	2947	16/11	EYE CIRC 15 MI DIA LGT RAIN IN EYE
19	251500Z	19.9N 127.0E	VW1-R-10	7000ft	--	--	--	---	--/--	INTENSE EYE CIRC 20 MI DIA
20	252100Z	21.5N 128.7E	VW1-R-10	8000ft	--	--	--	---	--/--	EYE CIRC 17 MI DIA
21	260400Z	24.0N 130.5E	56-P-1	700mb	70	100	979	2944	12/10	RDR & 700MB CNTRS 10 MI E OF SFC CNTR
22	260900Z	25.7N 132.1E	56-P-1	700mb	70	100	976	2923	16/09	EYE CIRC 20 MI DIA
23	261515Z	28.6N 134.3E	VW1-R-20	7000ft	--	--	--	---	--/--	NEG RDR EYE ALL ECHOES VERY WK AND DSPTG
24	262050Z	31.6N 136.1E	VW1-P-10	1300ft	--	65	982	---	23/15	NEG WALL CLD MOST CLDS STRATIFIED
25	270000Z	33.5N 138.7E	LND RDR	--	--	--	--	---	--/--	JAPANESE LND RDR REPORT

TYPHOON AMY 21 MAY-27 MAY 1965
POSITION AND FORECAST VERIFICATION DATA

DTG	STORM POSITION LAT.	LONG.	24 HOUR ERROR DEG. DISTANCE	48 HOUR ERROR DEG. DISTANCE
210600Z	10.5N	130.3E	------	------
211200Z	11.0N	129.8E	------	------
211800Z	11.5N	129.2E	------	------
220000Z	11.9N	128.6E	------	------
220600Z	12.3N	127.9E	------	------
221200Z	12.5N	126.8E	------	------
221800Z	12.9N	125.8E	------	------
230000Z	13.5N	125.5E	------	------
230600Z	13.9N	125.4E	329-50	------
231200Z	14.5N	125.4E	276-103	------
231800Z	15.1N	125.1E	272-138	------
240000Z	15.2N	124.3E	264-130	------
240600Z	15.3N	123.4E	350-77	286-164
241200Z	15.9N	123.8E	077-45	271-252
241800Z	16.6N	123.9E	349-125	265-328
250000Z	17.6N	124.5E	279-33	272-270
250600Z	18.5N	125.2E	254-82	292-177
251200Z	19.5N	126.3E	258-154	234-150
251800Z	20.8N	127.9E	247-266	285-262
260000Z	22.8N	129.6E	252-273	252-370
260600Z	24.8N	131.3E	240-258	245-491
261200Z	27.2N	133.4E	240-350	243-587
261800Z	30.2N	135.1E	232-467	233-738
270000Z	33.5N	138.7E	231-653	233-750
270600Z	37.3N	141.8E	230-362	228-875

AVERAGE 24 HOUR ERROR 210 MI
AVERAGE 48 HOUR ERROR 417 MI


TYPHOON AMY
21–27 MAY 1965
24HR FORECAST POSITS
LEGEND
24HR FORECAST POSITS
6HR BEST TRACK POSITS
27/06Z
27/00Z
26/00Z
25/00Z
24/00Z
23/00Z
22/00Z
21/06Z
TSINGTAO
SHANGHAI
TOKYO
ORINOKA
CHICHI JIMA
IWO JIMA
HONG KONG
MANILA
SAIGON
SAIPAN
GUAM
WAKE I
ENIWETOK ATOL
KWAJALEIN
KUSAIE
PONAPE
TRUK
WOLEAI ATOL
ULITHI
YAP
KOROR