TROPICAL CYCLONE 32 - 09/28/0600Z TO 10/06/0000Z

I. DATA

A. STATISTICS

1. NUMBER OF WARNINGS ISSUED - 32
2. NUMBER OF WARNINGS WITH TYPHOON INTENSITY - 07
3. TOTAL DISTANCE TRAVELED DURING TROPICAL WARNING PERIOD - 1872 MI

B. CHARACTERISTICS AS A TYPHOON

1. MINIMUM OBSERVED SLP - 961MBS AT 041510Z
2. MINIMUM OBSERVED 700MB HEIGHT - 2768M. AT 050400Z
3. MAXIMUM SURFACE WIND - 080 KTS (FROM BEST TRACK)
4. MAXIMUM RADIUS OF SURFACE CIRCULATION - 500 MI

II. DEVELOPMENT

A. INITIAL IMPETUS - A COLD CORE LOW BECOMING WARM CORE AFTER DEVELOPMENT OF DIVERGENCE AT 200MB

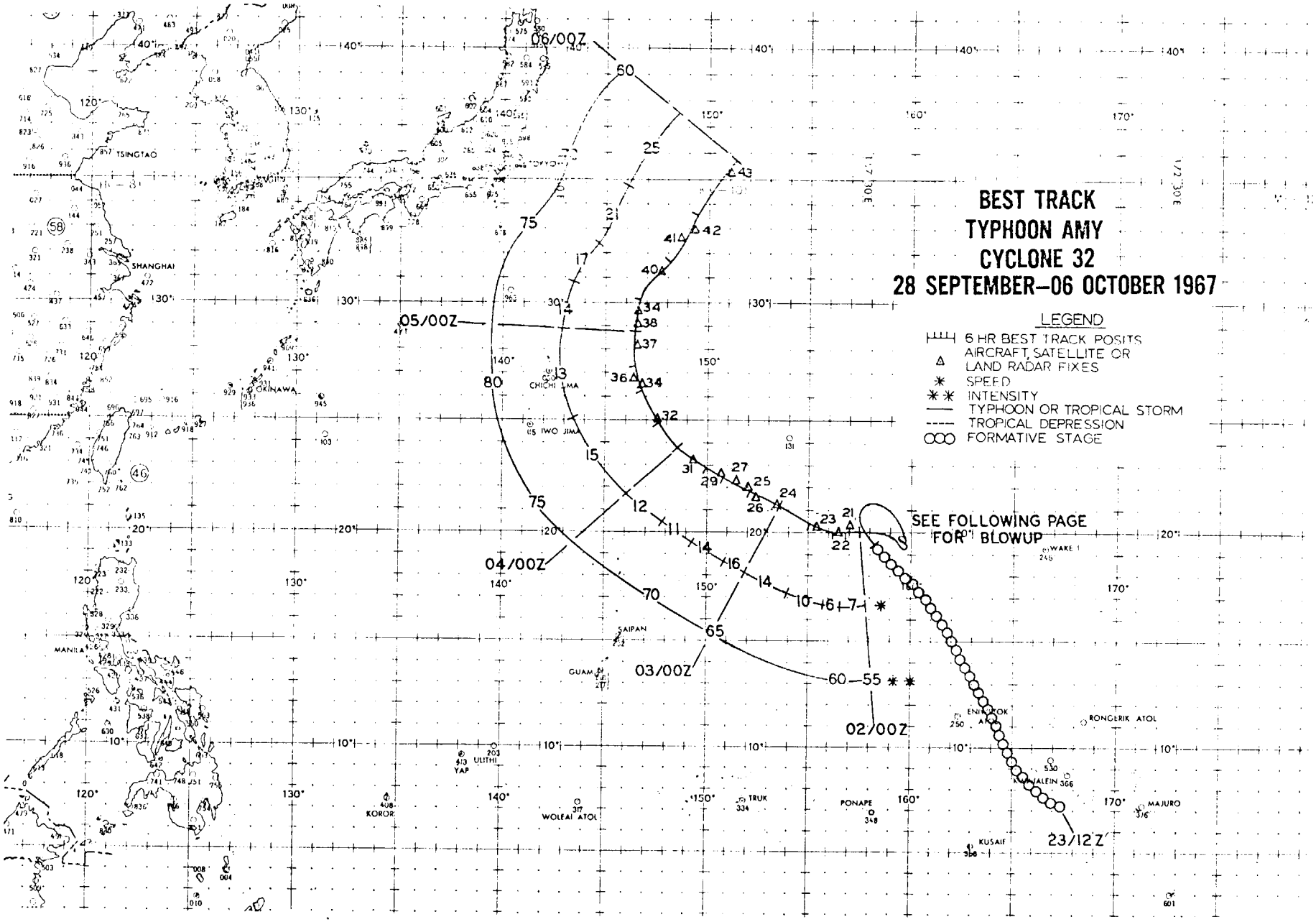
B. INITIAL SURFACE VORTEX

1. COLD VORTEX AT 231200
2. SURFACE PRESSURE LESS THAN 1010MB

C. 200MB FLOW ABOVE SURFACE VORTEX

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

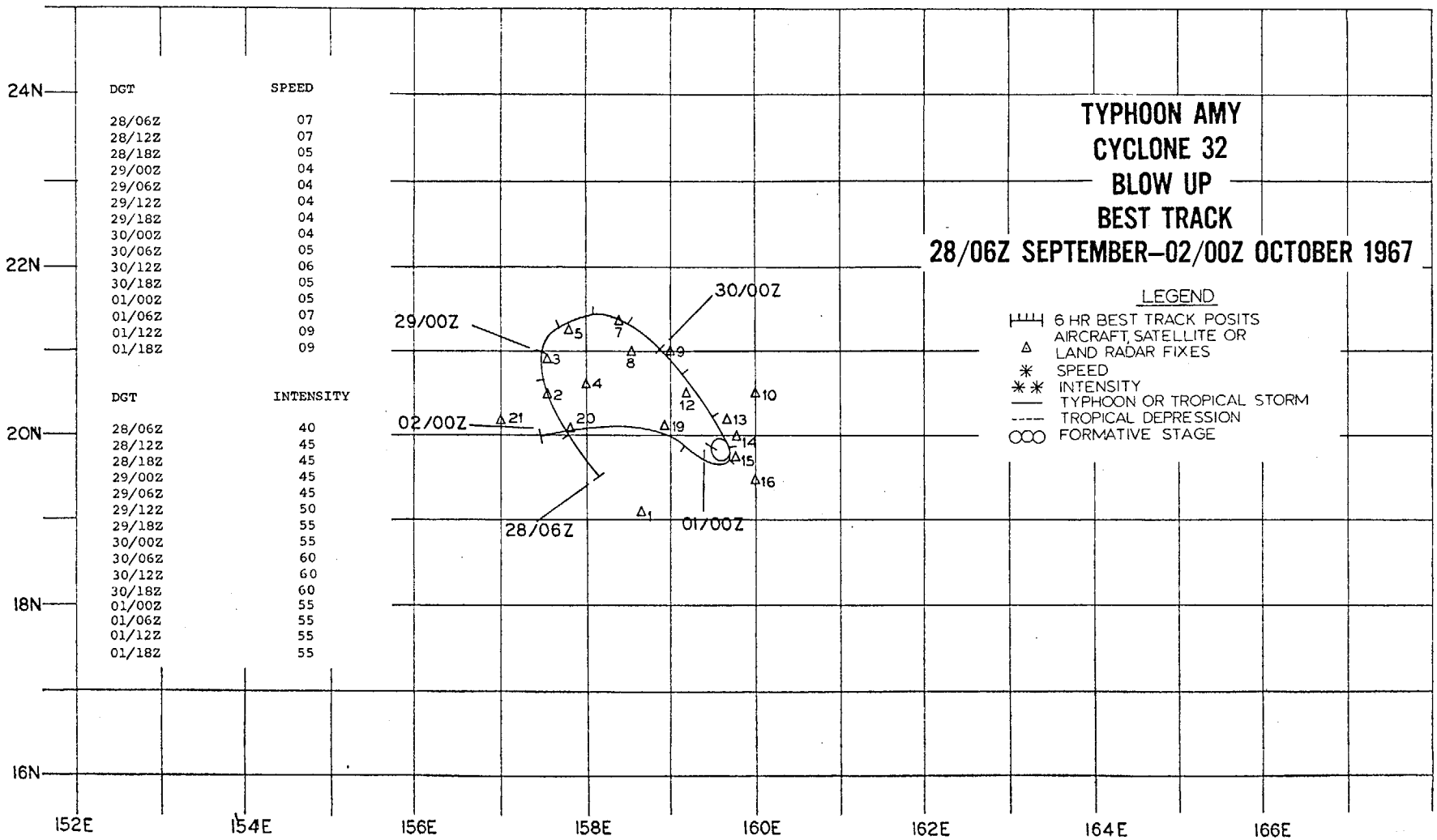
III. FINAL DISPOSITION - BECAME EXTRATROPICAL


BEST TRACK
TYPHOON AMY
CYCLONE 32
28 SEPTEMBER–06 OCTOBER 1967
LEGEND
6 HR BEST TRACK POSITS
AIRCRAFT, SATELLITE OR LAND RADAR FIXES
SPEED
INTENSITY
TYPHOON OR TROPICAL STORM
TROPICAL DEPRESSION
FORMATIVE STAGE
SEE FOLLOWING PAGE FOR BLOWUP
06/00Z
05/00Z
04/00Z
03/00Z
02/00Z
23/12Z
TSINGTAO
SHANGHAI
OKINAWA
CHICHI JIMA
IWO JIMA
SAIPAN
GUAM
MANILA
YAP
ULITHI
KOROR
WOLEAI ATOL
TRUK
PONAPE
KUSAIE
ENIWETOK
RONGERIK ATOL
KWAJALEIN
MAJURO
WAKE I

TYPHOON AMY
CYCLONE 32
BLOW UP
BEST TRACK
28/06Z SEPTEMBER–02/00Z OCTOBER 1967

DGT	SPEED
28/06Z	07
28/12Z	07
28/18Z	05
29/00Z	04
29/06Z	04
29/12Z	04
29/18Z	04
30/00Z	04
30/06Z	05
30/12Z	06
30/18Z	05
01/00Z	05
01/06Z	07
01/12Z	09
01/18Z	09

DGT	INTENSITY
28/06Z	40
28/12Z	45
28/18Z	45
29/00Z	45
29/06Z	45
29/12Z	50
29/18Z	55
30/00Z	55
30/06Z	60
30/12Z	60
30/18Z	60
01/00Z	55
01/06Z	55
01/12Z	55
01/18Z	55



EYE FIXES CYCLONE 32

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	280204Z	19.1N 158.6E	54-P-P03	0400M	040	040	996	---	--/--	CIRC	----	05	--
2	281550Z	20.5N 157.5E	VW-P-P05	0240M	030	020	996	3112	--/--	CIRC	----	16	--
3	282200Z	20.9N 157.5E	54-P-P10	700MB	045	040	996	3042	15/--	----			--
4	290253Z	20.5N 158.0E	SLTLS	STG X	DIA 02	BNDS 2							
5	290340Z	21.3N 157.7E	54-P-P10	700MB	050	040	994	3036	15/--	CIRC	----	15	--
6	291022Z	21.2N 157.7E	VW-P-P03	0310M	020	030	999	---	--/--	----			F.B.
7	291500Z	21.4N 158.4E	VW-P-P03	0460M	029	045	985	---	--/--	CIRC	----	06	--
8	292130Z	21.0N 158.5E	54-R-F04	500MB	050	---	---	---	--/--	CIRC	----	18	--
9	292202Z	21.0N 159.0E	54-P-P05	700MB	070	055	980	2923	17/--	CIRC	----	20	--
10	300147Z	20.5N 160.0E	SLTLS	STG X	DIA 04	BNDS 2							
11	300235Z	20.9N 159.1E	54-P-P05	700MB	070	055	980	2911	23/--	----			F.B.
12	301018Z	20.5N 159.3E	VW-P-P05	0260M	---	055	981	---	--/--	CIRC	----	22	07
13	301315Z	20.2N 159.6E	VW-R-P10	700MB	---	---	---	---	--/--	----			--
14	301520Z	20.0N 159.7E	VW-P-P05	0260M	---	050	981	---	--/--	CIRC	----	24	--
15	302200Z	19.7N 159.7E	54-P-P02	700MB	058	060	977	2911	19/--	CIRC	----	20	--
16	010238Z	19.5N 160.0E	SLTLS	STG X	DIA 03	BNDS 2							
17	010400Z	19.9N 159.8E	54-P-P03	700MB	040	040	985	2972	19/--	----			F.B.
18	010920Z	19.6N 159.8E	VW-P-P05	0150M	040	045	986	3057	16/08	----			F.B.
19	011502Z	20.1N 158.9E	VW-P-P05	0260M	050	055	986	---	--/--	CIRC	----	35	15
20	012143Z	20.1N 157.8E	54-P-P03	700MB	053	060	990	2981	16/12	ELIP	NE-SW	25X15	--
21	020351Z	20.2N 157.0E	54-P-P02	700MB	025	030	990	2999	14/--	----			--
22	021000Z	20.0N 156.5E	VW-P-P05	0340M	063	050	988	---	--/--	----			--
23	021550Z	20.2N 155.3E	VW-P-P02	0340M	055	045	988	2997	14/08	----			F.B.
24	022140Z	21.1N 153.4E	54-P-P04	700MB	030	060	988	2997	14/13	CIRC	----	05	--

EYE FIXES CYCLONE 32

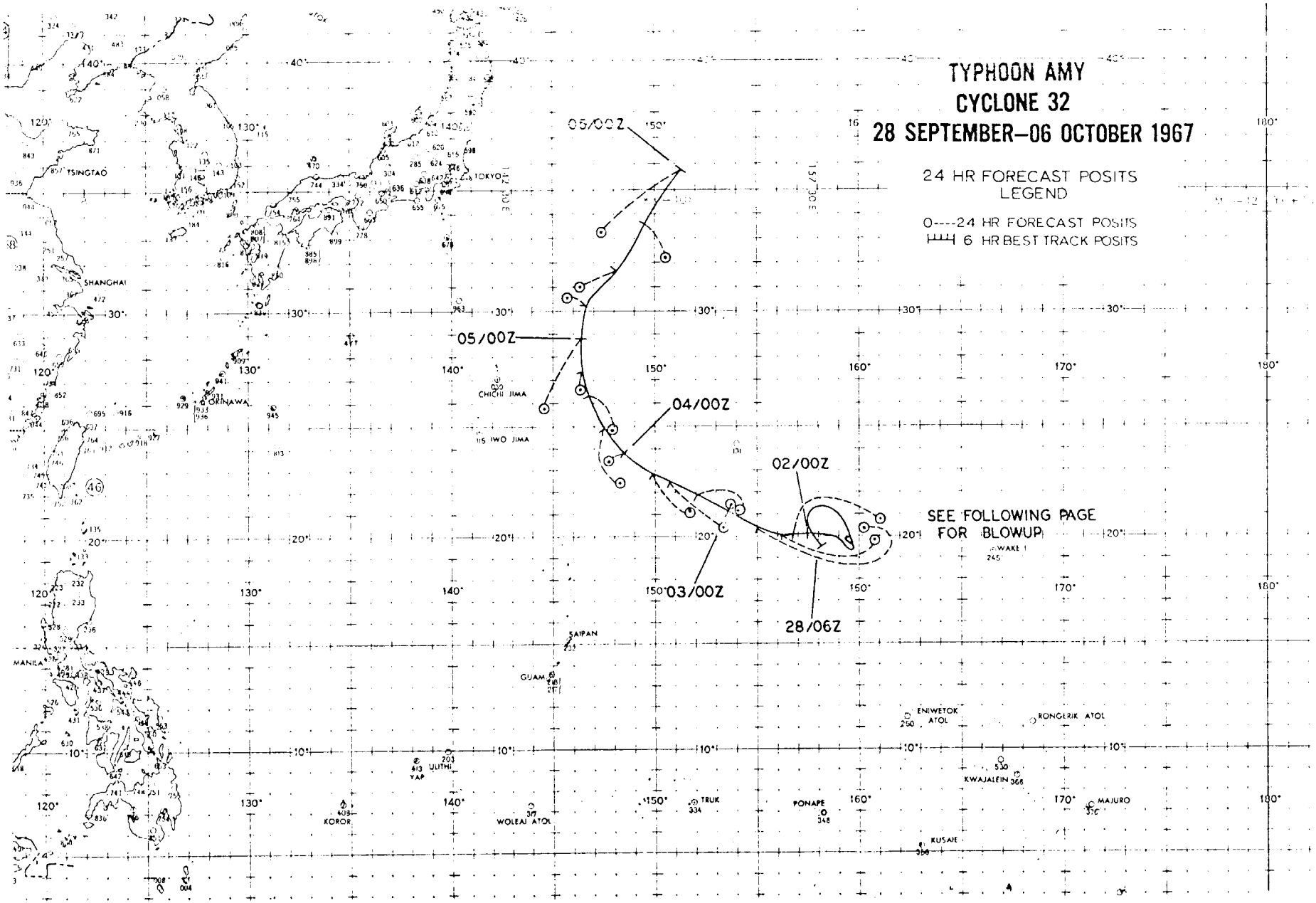
FIX NO.	TIME	POSIT	UNIT-METHOD-ACCY	FLT LVL	FLT LVL WND	OBS SFC WND	OBS MIN SLP	MIN 700MB HGT	FLT LVL TT/TD	EYE FORM	ORIEN-TATION	EYE DIA	THKNS WALL CLOUD
25	030224Z	22.0N 152.0E	SLTLS	STG X	DIA 05	BNDS 2							
26	030400Z	21.6N 152.4E	54-P-P05	700MB	060	065	984	2954	15/--	----			F.B.
27	030930Z	22.3N 151.3E	VW-R-F15	0310M	---	---	---	---	--/--	----			--
28	031010Z	22.3N 151.4E	VW-R-P10	0250M	080	075	---	---	--/--	CIRC	----	10	--
29	031410Z	22.6N 150.7E	VW-R-P10	1100M	---	---	---	---	--/--	----			--
30	031514Z	22.9N 150.4E	VW-P-P05	700MB	045	---	980	2966	13/09	CIRC	----	08	--
31	032215Z	23.4N 149.2E	54-P-P02	700MB	055	045	980	2875	14/--	CIRC	----	10	--
32	040315Z	25.0N 147.5E	SLTLS	STG X	DIA 06	BNDS 3							
33	040345Z	24.8N 147.7E	54-P-P02	700MB	080	065	967	2822	15/--	CIRC	----	10	--
34	040945Z	26.5N 146.8E	VW-R-P10	0270M	052	050	---	---	--/--	ELIP	NW-SE	50X35	12
35	041315Z	26.4N 146.7E	VW-R-P10		---	---	---	---	--/--	----			--
36	041510Z	26.8N 147.4E	VW-P-P05	700MB	060	---	961	2798	18/--	ELIP	NW-SE	60X40	15
37	042221Z	28.3N 146.4E	54-P-P03	700MB	065	050	964	2804	17/--	ELIP	NE-SW	60X40	--
38	050215Z	29.0N 146.5E	SLTLS	STG X	DIA 05	BNDS 3							
39	050400Z	29.6N 146.6E	54-P-P03	700MB	080	050	962	2768	18/--	ELIP	NE-SW	60X40	--
40	051000Z	31.2N 147.7E	VW-P-P10	0290M	070	070	961	---	--/--	ELIP	NW-SE	80X60	15
41	051400Z	32.8N 148.8E	VW-P-P--	0270M	---	060	962	---	--/--	----			--
42	051535Z	33.0N 149.1E	VW-P-P03	0280M	075	065	962	---	--/--	----			F.B.
43	052222Z	35.4N 151.0E	54-P-P02	700MB	065	075	969	3085	22/--	----			N.F.B.

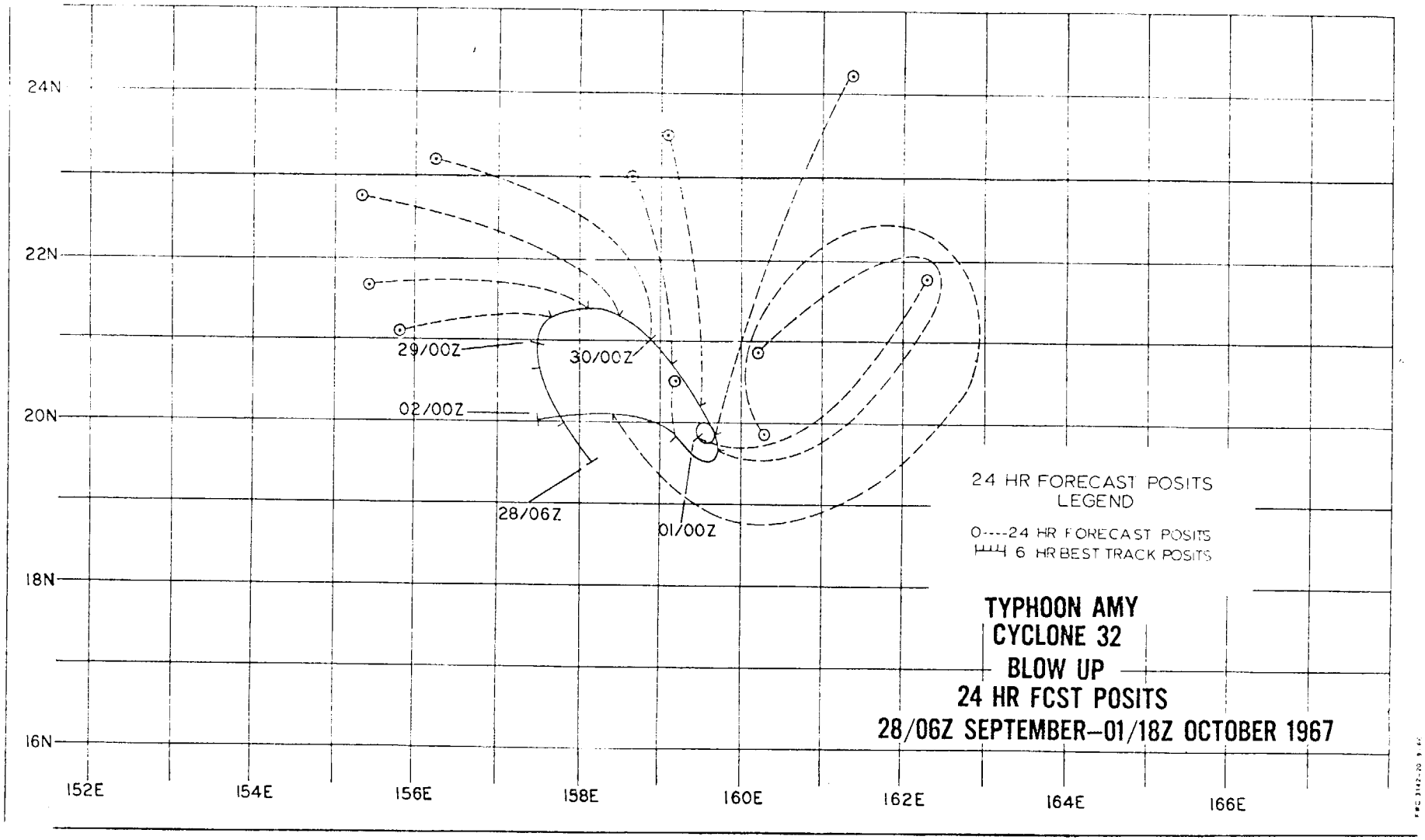
TROPICAL CYCLONE 32 -- 09/28/0600Z TO 10/06/0000Z

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.
280600Z	19.5N	158.2E	--------	--------	--------
281200Z	20.0N	157.7E	--------	--------	--------
281800Z	20.6N	157.5E	--------	--------	--------
290000Z	20.9N	157.5E	--------	--------	--------
290600Z	21.2N	157.7E	267-0102	--------	--------
291200Z	21.4N	158.1E	274-0150	--------	--------
291800Z	21.5N	158.5E	295-0192	--------	--------
300000Z	21.1N	158.9E	311-0186	--------	--------
300600Z	20.7N	159.2E	350-0138	291-0342	--------
301200Z	20.2N	159.4E	356-0198	298-0402	--------
301800Z	19.8N	159.7E	018-0276	310-0456	--------
010000Z	19.8N	159.6E	051-0186	330-0438	--------
010600Z	19.7N	159.8E	015-0072	013-0336	300-0558
011200Z	19.8N	159.3E	000-0042	025-0414	--------
011800Z	20.1N	158.4E	099-0102	037-0540	317-0564
020000Z	20.0N	157.5E	098-0120	059-0534	--------
020600Z	20.0N	156.8E	078-0240	070-0336	045-0618
021200Z	20.0N	156.3E	091-0258	074-0264	--------
021800Z	20.3N	155.0E	090-0288	084-0390	052-0984
030000Z	21.1N	153.5E	046-0012	091-0462	--------
030600Z	21.8N	152.0E	108-0108	085-0654	078-0780
031200Z	22.4N	150.9E	132-0174	090-0696	--------
031800Z	22.9N	149.9E	136-0138	096-0666	092-0750
040000Z	23.8N	148.7E	241-0060	117-0150	--------
040600Z	24.9N	147.6E	168-0144	125-0246	090-1032
041200Z	26.2N	146.8E	147-0096	141-0336	--------
041800Z	27.3N	146.5E	188-0048	155-0282	103-1008
050000Z	28.7N	146.4E	209-0198	171-0114	--------
050600Z	30.1N	146.8E	293-0054	180-0186	161-0360
051200Z	31.6N	148.1E	250-0102	202-0198	--------
051800Z	33.6N	149.5E	149-0102	226-0312	199-0528
060000Z	35.7N	151.4E	234-0252	225-0576	--------

AVERAGE 24 HOUR ERROR - 0144 MI.
AVERAGE 48 HOUR ERROR - 0388 MI.
AVERAGE 72 HOUR ERROR - 0718 MI.


TYPHOON AMY
CYCLONE 32
28 SEPTEMBER–06 OCTOBER 1967
24 HR FORECAST POSITS
LEGEND
O----24 HR FORECAST POSITS
6 HR BEST TRACK POSITS
05/00Z
05/00Z
04/00Z
02/00Z
03/00Z
28/06Z
SEE FOLLOWING PAGE
FOR BLOWUP
TSINGTAO
SHANGHAI
TOKYO
OKINAWA
CHICHI JIMA
IWO JIMA
MANILA
SAIPAN
GUAM
WAKE I
ENIWETOK ATOL
RONGERIK ATOL
KWAJALEIN
MAJURO
KUSAIE
PONAPE
TRUK
WOLEAI ATOL
KOROR
YAP
ULITHI


24N
22N
20N
18N
16N
152E
154E
156E
158E
160E
162E
164E
166E
29/00Z
30/00Z
02/00Z
28/06Z
01/00Z
24 HR FORECAST POSITS
LEGEND
O----24 HR FORECAST POSITS
6 HR BEST TRACK POSITS
TYPHOON AMY
CYCLONE 32
BLOW UP
24 HR FCST POSITS
28/06Z SEPTEMBER–01/18Z OCTOBER 1967