TYPHOON AMY - 290600Z AUGUST - 080000Z SEPTEMBER 1962

I. DATA

A. Statistics

1. Calendar days of tropical warning - 9 3/4

2. Calendar days of typhoon intensity - 6¼

3. Total distance traveled during tropical warning period - 2964 MI

B. Characteristics as a typhoon

1. Min observed SLP - 935mb, 030420Z

2. Min observed 850mb height - 2730 ft, 021200Z

3. Min observed 700mb height - 8210 ft, 030420Z

4. Max vertical development - 40,000 ft, 041800Z

II. DEVELOPMENT

A. Initial impetus - Surge from westerlies into MPT and then into the easterlies.

B. Initial surface vortex

1. Embedded vortex at 270600Z, junction vortex absorbed.

2. Surface pressure less than 1008mb

3. Maximum surface wind - 10 kts

C. Zenith flow at 200mb

1. Relative position surface vortex - NE quadrant of anticyclone

2. Wind velocity over vortex - 340/14 kts

III. STEERING

A. Prior to recurvature - 300mb

B. During recurvature - 500mb

C. After recurvature - 500mb

IV. DISSIPATION

A. Causative factor - Cold air

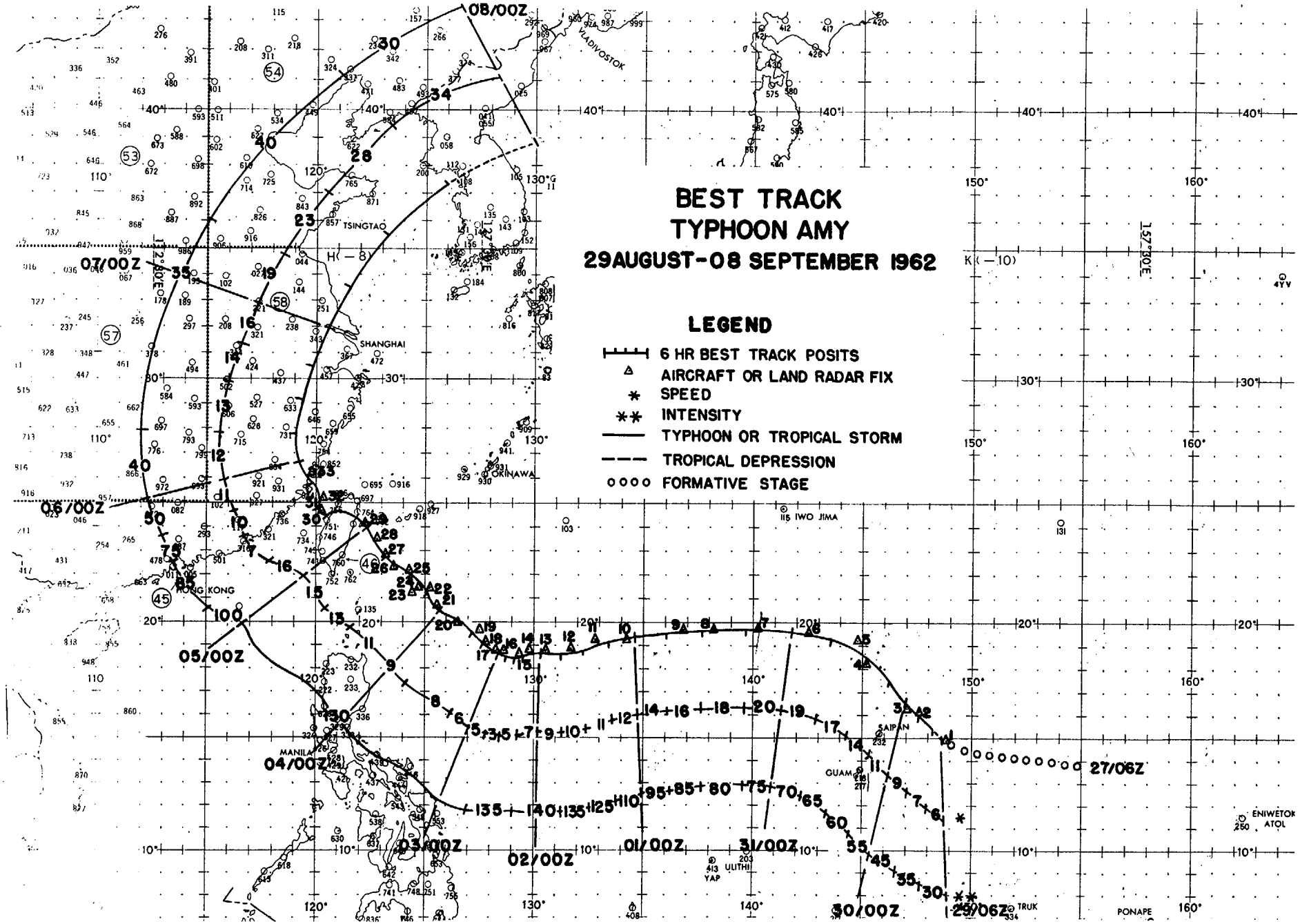
B. Final disposition - Extratropical

V. DAMAGE

A. Total lives lost - 24

B. Total monetary value - Millions of dollars

C. Types of property - Crops, power and communication lines, and buildings


BEST TRACK
TYPHOON AMY
29AUGUST-08 SEPTEMBER 1962
LEGEND
6 HR BEST TRACK POSITS
AIRCRAFT OR LAND RADAR FIX
SPEED
INTENSITY
TYPHOON OR TROPICAL STORM
TROPICAL DEPRESSION
FORMATIVE STAGE
08/00Z
07/00Z
06/00Z
05/00Z
04/00Z
03/00Z
02/00Z
01/00Z
31/00Z
30/00Z
29/06Z
27/06Z
VLADIVOSTOK
TSINGTAO
SHANGHAI
OKINAWA
HONG KONG
MANILA
IWO JIMA
SAIPAN
GUAM
YAP
ULITHI
TRUK
PONAPE
ENIWETOK ATOL
157°30'E

LAND RADAR AND AIRCRAFT FIXES - TYPHOON AMY

FIX NO.	TIME	LAT.	LONG.	UNIT METHOD & ACCY	MAX SFC WND	MAX 700MB WND	MIN 700MB HGT	MIN SLP MBS	700MB T/Td (°C)	EYE CHARACTERISTICS
1	290440Z	14.9N	148.8E	VW1-P-10	30	-	-	1000	- -	POORLY DEFINED 15X30 MI
2	292140Z	16.2N	147.6E	54-P-05	55	55	-	992	15/13	CIRC 12 MI DIA,OPEN SE TO W
3	300200Z	16.3N	147.0E	54-P-01	55	60	9910	984	15/13	CIRC 12 MI DIA,OPEN S TO NW
4	301000Z	18.3N	145.2E	VW1-P-20	-	-	-	985	- -	RDR PRESENTATION POOR
5	301533Z	19.2N	144.8E	VW1-P-03	-	-	9720	-	12/11	CIRC 25 MI DIA,OPEN SW
6	302150Z	19.6N	142.5E	54-P-04	70	65	9630	979	12/07	CIRC 40 MI DIA,OPEN S
7	310350Z	19.7N	140.3E	54-P-03	70	65	9590	978	12/09	CIRC 35 MI DIA,OPEN SW
8	311000Z	19.7N	138.2E	VW1-R-05	-	-	-	-	- -	DIA 21 MI,OPEN S
9	311530Z	19.6N	136.8E	VW1-R-05	-	-	-	-	- -	66 MI E-W & 54 MI N-S
10	010400Z	19.3N	134.1E	54-P-02	130	120	8480	938	11/11	CIRC 20 MI DIA
11	010916Z	19.2N	132.9E	VW1-R-03	-	-	-	-	- -	CIRC 32 MI DIA
12	011536Z	18.8N	131.6E	VW1-R-05	-	-	-	-	- -	CIRC 25 MI DIA
13	012200Z	18.7N	130.5E	54-P-02	-	120	8500	978	20/13	CIRC 20 MI DIA
14	020345Z	18.8N	129.8E	54-P-02	125	-	8420	973	18/17	---
15	020945Z	18.6N	129.4E	VW1-R-03	-	-	-	-	- -	CIRC 46 MI DIA,OPEN N
16	021530Z	18.6N	128.7E	VW1-R-05	-	-	-	-	- -	DIA 45 MI,OPEN NW
17	022225Z	18.8N	128.4E	54-P-03	130	110	8230	936	19/14	DIA 18 MI,POORLY DEF

LAND RADAR AND AIRCRAFT FIXES - TYPHOON AMY (CONT'D)

FIX NO.	TIME	LAT.	LONG.	UNIT METHOD & ACCY	MAX SFC WND	MAX 700MB WND	MIN 700MB HGT	MIN SLP MBS	700MB T/Td (°C)	EYE CHARACTERISTICS
18	030420Z	19.1N	127.9E	54-P-05	120	110	8210	935	17/13	CIRC 19 MI DIA
19	031017Z	19.6N	127.5E	VW1-R-05	-	-	-	-	- -	CONCENTRIC INNER DIA 8 MI,OUTER DIA 28 MI
20	031600Z	20.0N	126.5E	VW1-R-03	-	-	-	-	- -	CIRC 16 MI DIA
21	032150Z	20.6N	125.5E	54-P-03	70	80	8360	941	17/16	CIRC 21 MI DIA,OPEN S
22	040230Z	21.5N	125.1E	USAF-R-U	-	-	-	-	- -	---
23	040630Z	21.2N	124.4E	LND/RDR	-	-	-	-	- -	---
24	041000Z	21.4N	124.7E	VW1-R-01	-	-	-	-	- -	CIRC 19 MI DIA
25	041300Z	22.1N	124.2E	LND/RDR	-	-	-	-	- -	---
26	041600Z	22.4N	123.5E	LND/RDR	-	-	-	-	- -	---
27	041900Z	22.9N	123.1E	LND/RDR	-	-	-	-	- -	---
28	042200Z	23.5N	122.8E	LND/RDR	-	-	-	-	- -	DIA 40 MI
29	050200Z	24.1N	122.2E	LND/RDR	-	-	-	-	- -	---
30	050900Z	24.6N	120.3E	LND/RDR	-	-	-	-	- -	---
31	051100Z	24.7N	120.2E	LND/RDR	-	-	-	-	- -	---
32	051500Z	25.3N	120.3E	LND/RDR	-	-	-	-	- -	---
33	051800Z	26.2N	119.8E	LND/RDR	-	-	-	-	- -	---

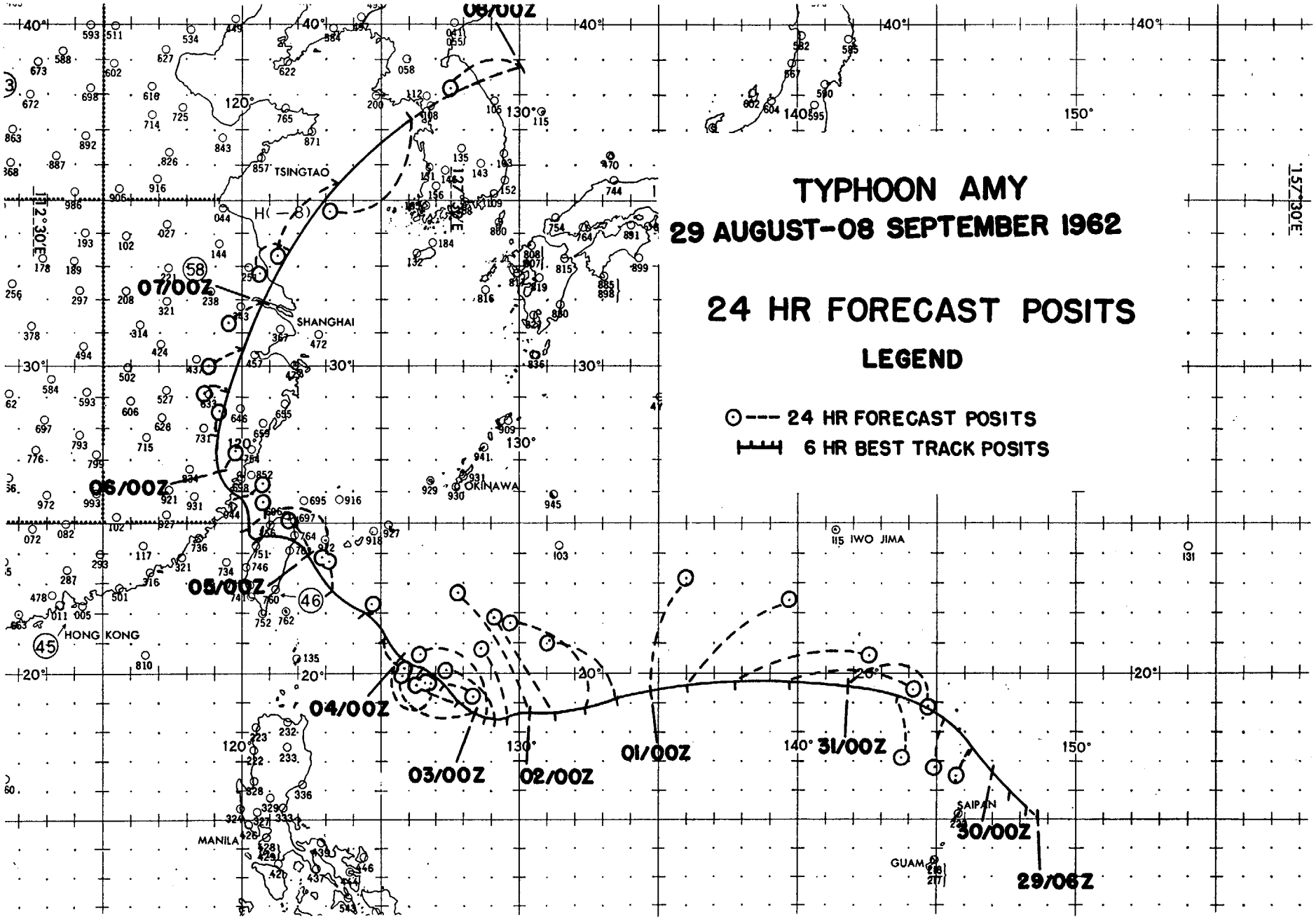
TYPHOON AMY 29 AUG-08 SEP 1962
POSITION AND FORECAST VERIFICATION DATA

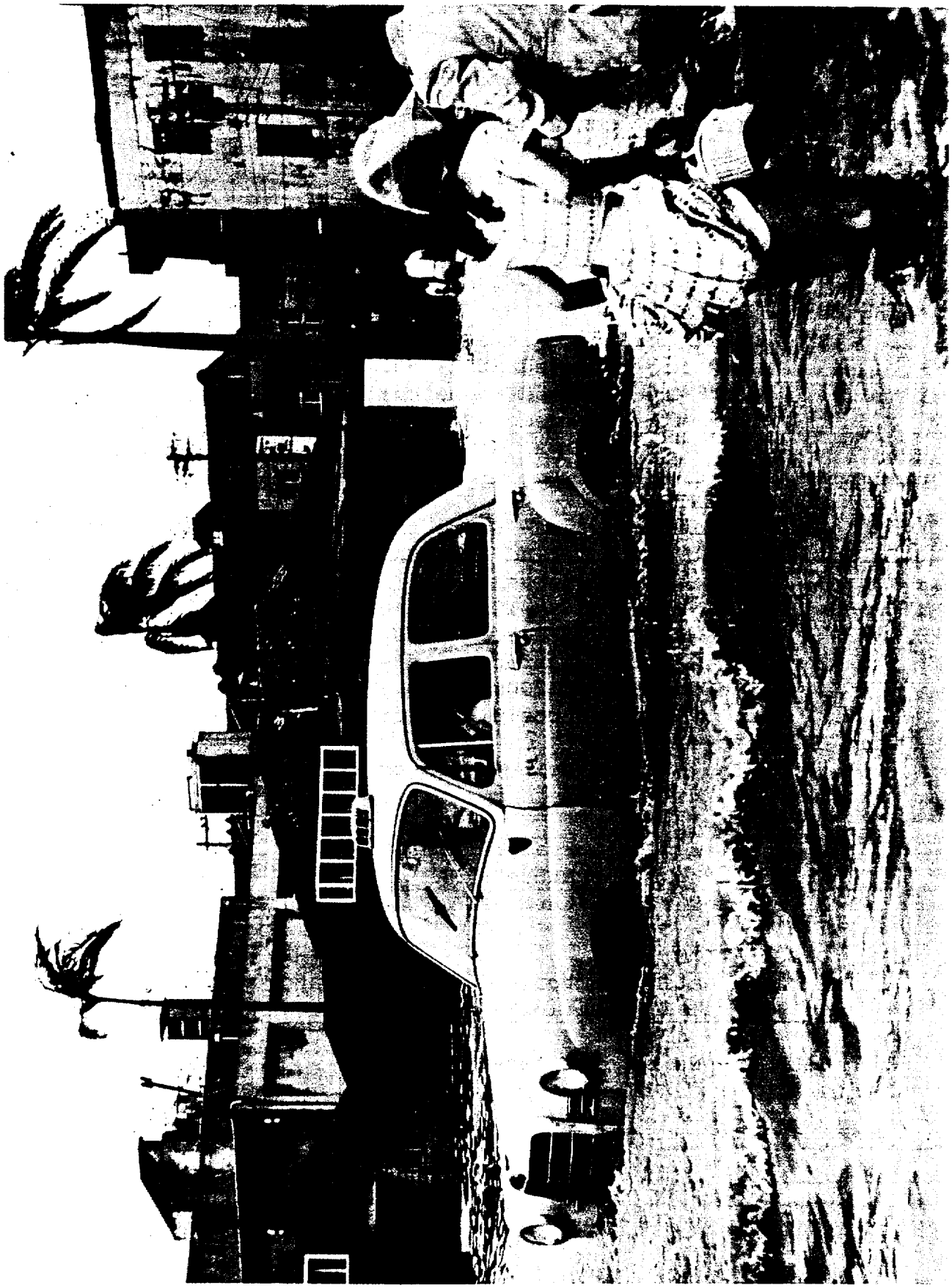
DTG	STORM POSITION LAT.	LONG.	24 HR. ERROR DEG. DISTANCE	48 HR. ERROR DEG. DISTANCE
290600Z	15.0N	148.7E	------	------
291200Z	15.4N	148.2E	------	------
291800Z	16.0N	147.7E	------	------
300000Z	16.7N	147.0E	------	------
300600Z	17.5N	146.2E	------	------
301200Z	18.4N	145.2E	------	------
301800Z	19.3N	143.6E	------	------
310000Z	19.7N	141.7E	105-180	------
310600Z	19.7N	139.6E	094-252	------
311200Z	19.6N	137.7E	078-283	------
311800Z	19.5N	136.0E	052-276	------
010000Z	19.4N	134.6E	020-240	072-396
010600Z	19.2N	133.3E	315-171	069-432
011200Z	18.9N	132.2E	321-222	052-420
011800Z	18.7N	131.1E	331-227	024-441
020000Z	18.7N	130.3E	330-283	008-392
020600Z	18.6N	129.6E	340-136	334-334
021200Z	18.6N	129.1E	314-132	334-464
021800Z	18.6N	128.8E	313-182	336-455
030000Z	18.8N	128.3E	294-147	338-550
030600Z	19.3N	127.8E	291-65	335-276
031200Z	19.8N	127.2E	116-82	315-242
031800Z	20.1N	126.3E	189-27	318-257
040000Z	20.4N	125.6E	122-82	297-181
040600Z	21.2N	125.1E	139-78	275-104
041200Z	22.0N	124.3E	066-29	118-143
041800Z	22.8N	123.2E	360-52	153-71
050000Z	24.0N	122.3E	335-73	147-188
050600Z	24.5N	120.6E	002-70	133-202
051200Z	24.9N	120.2E	112-153	078-88
051800Z	25.9N	119.9E	063-48	330-25

TYPHOON AMY 29 AUG-08 SEP 1962
POSITION AND FORECAST VERIFICATION DATA (CONT'D)

DTG	STORM POSITION LAT.	LONG.	24 HR. ERROR DEG. DISTANCE	48 HR. ERROR DEG. DISTANCE
060000Z	26.7N	119.1E	044-54	328-70
060600Z	27.9N	119.2E	360-38	288-70
061200Z	29.1N	119.6E	274-48	166-125
061800Z	30.5N	120.0E	246-73	215-74
070000Z	32.0N	120.7E	237-66	225-132
070600Z	33.7N	121.6E	------	305-20
071200Z	35.5N	123.3E	------	214-127
071800Z	37.3N	126.0E	222-206	224-202
080000Z	38.9N	130.0E	253-120	233-317

AVERAGE 24 HOUR ERROR 132.1 MI
AVERAGE 48 HOUR ERROR 234.4 MI


TYPHOON AMY
29 AUGUST-08 SEPTEMBER 1962
24 HR FORECAST POSITS
LEGEND
24 HR FORECAST POSITS
6 HR BEST TRACK POSITS
08/00Z
07/00Z
06/00Z
05/00Z
04/00Z
03/00Z
02/00Z
01/00Z
31/00Z
30/00Z
29/06Z
TSINGTAO
SHANGHAI
OKINAWA
IWO JIMA
HONG KONG
MANILA
SAIPAN
GUAM
112°30'E
127°E
157°30'E



GONDOLA, ANYONE... A TOUCH OF OLD VENICE COMES TO TAIPEI, TAIWAN IN THE WAKE OF TYPHOON AMY. (STARS & STRIPES PHOTO)