TYPHOON IRIS - 260600Z-300000Z MAY 1962

I. DATA

A. Statistics

1. Calendar days of tropical warning - 3 3/4
2. Calendar days of typhoon intensity - ¼
3. Total distance traveled during tropical warning period - 630 MI

B. Characteristics as a typhoon

1. Min observed SLP - 991mb, 270415Z
2. Min observed 850mb height - 4775 ft, 270415Z
3. Min observed 700mb height - 10,000 ft, 270415Z
4. Max vertical development - 35,000 ft, 270415Z

II. DEVELOPMENT

A. Initial impetus - Easterly wave and polar trough fractured after superposition.

B. Initial surface vortex

1. Junction vortex at 260000Z
2. Surface pressure less than 1008mb
3. Max surface wind - 15 kts

C. Zenith flow at 200mb

1. Relative position surface vortex - SW quadrant of anticyclone
2. Wind velocity over vortex - 110/25 kts

III. STEERING

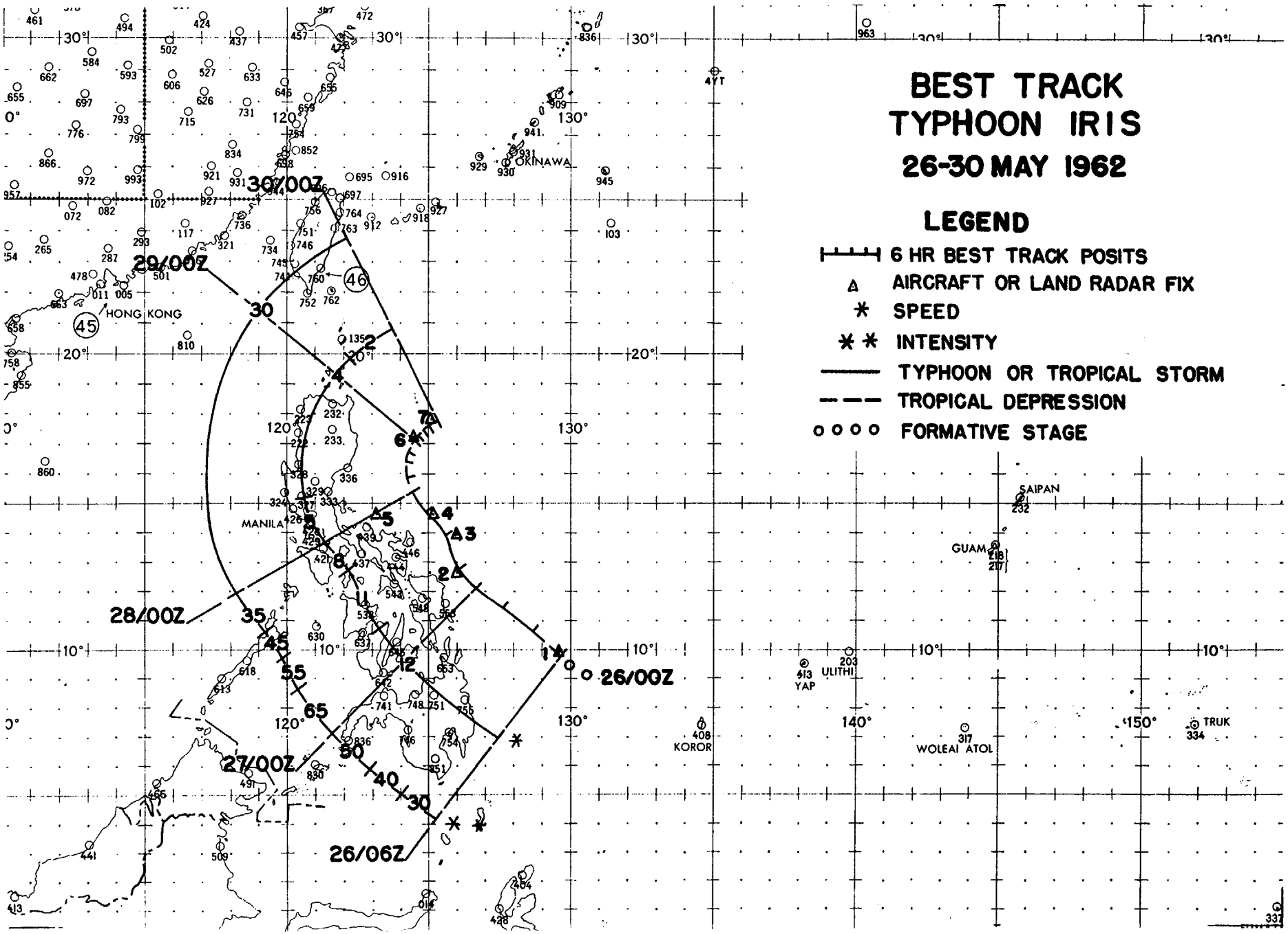
A. Prior to recurvature - 500mb
B. During recurvature - 500mb
C. After recurvature - NA

IV. DISSIPATION

A. Causative factor - Lack of upper level divergence
B. Final disposition - Dissipated

V. DAMAGE

A. Total lives lost - 5
B. Total monetary value - No estimate
C. Types of property - Crops


BEST TRACK
TYPHOON IRIS
26-30 MAY 1962
LEGEND
6 HR BEST TRACK POSITS
AIRCRAFT OR LAND RADAR FIX
SPEED
INTENSITY
TYPHOON OR TROPICAL STORM
TROPICAL DEPRESSION
FORMATIVE STAGE
HONG KONG
MANILA
OKINAWA
SAIPAN
GUAM
YAP
ULITHI
KOROR
WOLEAI ATOL
TRUK
29/00Z
30/00Z
28/00Z
27/00Z
26/00Z
26/06Z

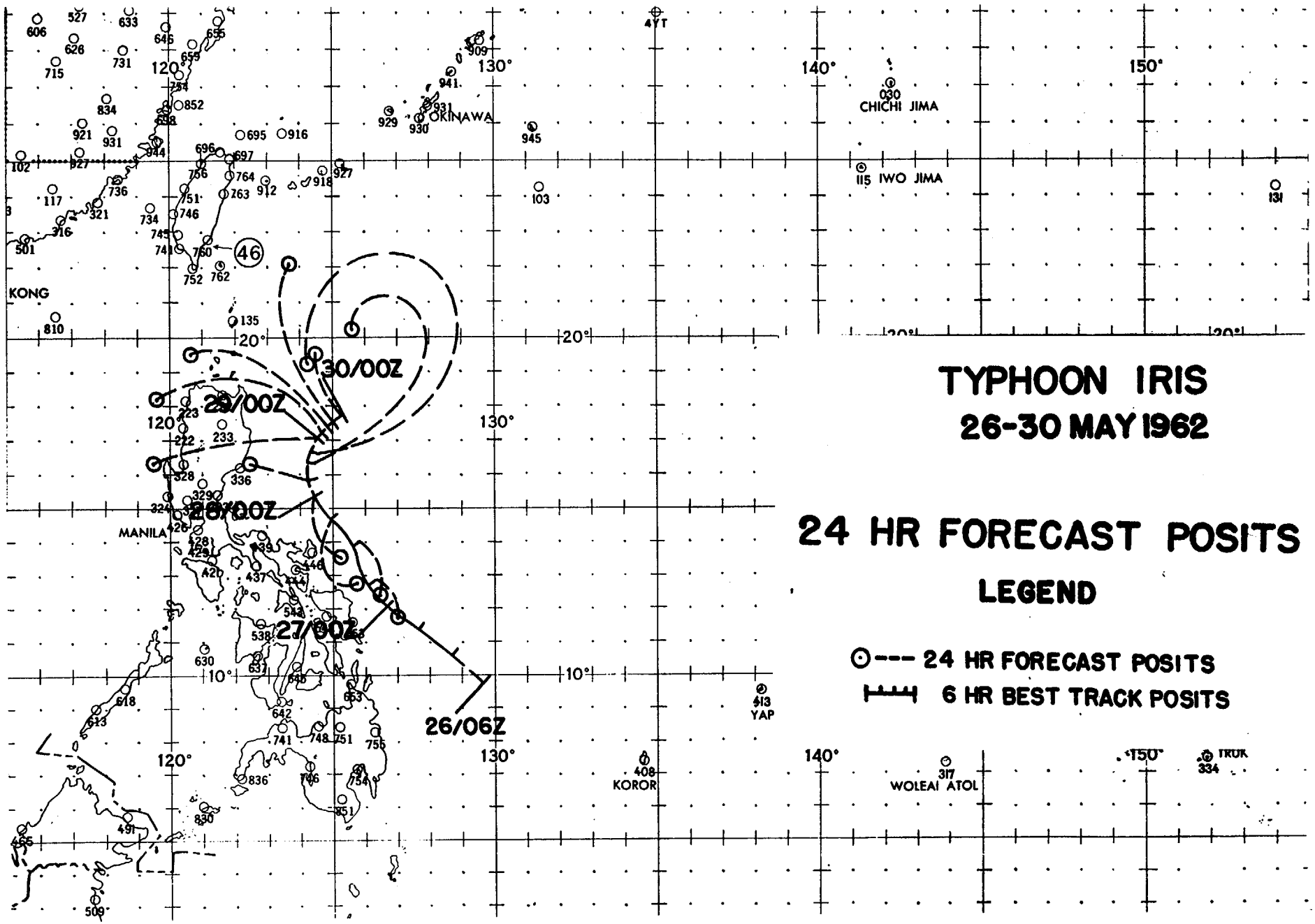
LAND RADAR AND AIRCRAFT FIXES - TYPHOON IRIS

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	260552Z	09.9N	129.7E	54-P-05	30	-	-	1001	- -	POORLY DEFINED
2	270415Z	12.6N	126.0E	54-P-04	75	55	10000	991	21/16	CIRC 25 MI DIA,WELL DEFINED,OPEN SW
3	270906Z	14.0N	126.0E	PAWA-P-U	-	-	-	-	- -	---
4	271610Z	14.6N	125.1E	VW1-P-03	-	-	10245	-	- -	NO SPIRAL BANDS
5	272232Z	14.6N	123.1E	54-P-01	35	20	10190	1007	12/12	CIRC 20 MI DIA, NOT WELL DEFINED
6	282345Z	17.1N	124.5E	VW1-P-05	25	-	-	995	- -	30 MI N-S & 10 MI E-W
7	292156Z	17.8N	125.1E	VW1-P-02	15	-	-	-	- -	OVAL NNE-SSW 70X30 MI

TYPHOON IRIS 26-30 MAY 1962
POSITION AND FORECAST VERIFICATION DATA

DTG	STORM POSITION LAT.	LONG.	24 HR. ERROR DEG. DISTANCE	48 HR. ERROR DEG. DISTANCE
260600Z	09.9N	129.7E	------	------
261200Z	10.7N	128.8E	------	------
261800Z	11.4N	127.8E	------	------
270000Z	12.1N	126.8E	------	------
270600Z	12.9N	126.0E	------	------
271200Z	14.0N	125.6E	------	------
271800Z	14.8N	124.9E	------	------
280000Z	15.4N	124.3E	------	------
280600Z	15.9N	124.2E	282-96	------
281200Z	16.3N	124.2E	021-244	------
281800Z	16.7N	124.3E	356-145	------
290000Z	17.1N	124.5E	262-297	------
290600Z	17.4N	124.7E	278-295	294-240
291200Z	17.6N	124.8E	298-268	043-586
291800Z	17.7N	125.0E	------	024-434
300000Z	17.8N	125.2E	------	285-456

AVERAGE 24 HOUR ERROR 224.2 MI
AVERAGE 48 HOUR ERROR 429 MI


TYPHOON IRIS
26-30 MAY 1962
24 HR FORECAST POSITS
LEGEND
24 HR FORECAST POSITS
6 HR BEST TRACK POSITS
26/06Z
27/00Z
28/00Z
29/00Z
30/00Z
46
OKINAWA
CHICHI JIMA
IWO JIMA
MANILA
KONG
YAP
KOROR
WOLEAI ATOL
TRUK
120°
130°
140°
150°
20°
10°