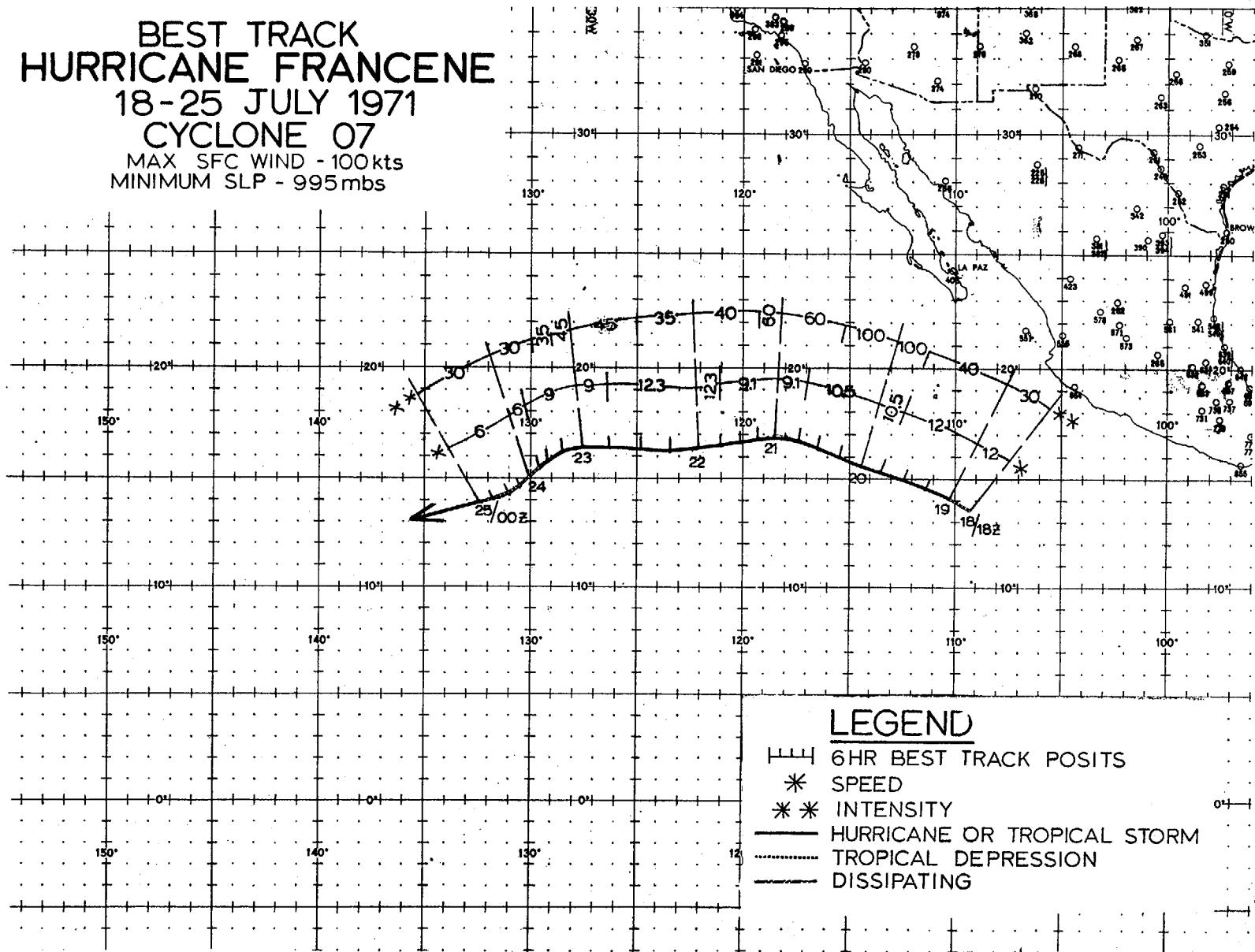


BEST TRACK
HURRICANE FRANCENE
18-25 JULY 1971
CYCLONE 07
MAX SFC WIND - 100kts
MINIMUM SLP - 995mbs



HURRICANE FRANCENE

POSITION FROM BEST TRACK AND VERIFICATION DATA

<u>TIME</u>	STORM POSIT		24 HR ERROR <u>DEG/DIST</u>	48 HR ERROR <u>DEG/DIST</u>	72 HR ERROR <u>DEG/DIST</u>
	<u>LAT</u>	<u>LONG</u>			
181800Z	13.7N	109.2W	-	-	-
190000Z	14.1N	110.3W	-	-	-
190600Z	14.6N	111.4W	-	-	-
191200Z	15.0N	112.5W	-	-	-
191800Z	15.3N	113.6W	154/219	-	-
200000Z	15.6N	114.5W	164/194	-	-
200600Z	16.0N	115.5W	165/216	-	-
201200Z	16.4N	116.5W	167/242	-	-
201800Z	16.8N	117.4W	217/099	-	-
210000Z	17.0N	118.3W	180/068	171/275	-
210600Z	16.9N	119.2W	212/064	172/267	-
211200Z	16.8N	120.1W	227/063	173/261	-
211800Z	16.6N	121.0W	250/075	289/159	-
220000Z	16.4N	122.1W	027/108	270/048	173/235
220600Z	16.2N	123.4W	027/147	265/066	-
221200Z	16.3N	124.8W	025/180	258/054	162/237
221800Z	16.4N	126.2W	033/207	253/042	-
230000Z	16.5N	127.4W	103/158	037/210	260/117
230600Z	16.3N	128.5W	095/150	035/250	-
231200Z	15.9N	129.1W	085/126	020/279	278/162
231800Z	15.5N	129.6W	086/144	017/312	-
240000Z	15.1N	130.0W	062/114	095/090	360/366
240600Z	14.7N	130.5W	354/078	015/081	-
241200Z	14.3N	131.0W	354/068	-	-
241800Z	14.1N	131.7W	333/080	-	-
250000Z	14.0N	132.4W	238/270	308/195	-

FORECAST ERROR: 24 HR ERROR = 139.5 MI
 48 HR ERROR = 172.6 MI
 72 HR ERROR = 223.4 MI

<u>FIX</u>	<u>NO.</u>	<u>TIME</u>	<u>POSIT</u>	<u>UNIT/ACCURACY</u>	<u>FLT LVL</u>	MAX OBS				
						SFC	WND	SLP	EYE	DIAM
1	1	191745Z	15.3N 113.6W	9thAF/05 NM	500/300 MB	100 KTS	995MB	C	25 NM	
2	2	201818Z	16.8N 117.4W	9thAF/10 NM	500/700 MB	60 KTS	MISG	C	35 NM	
3	3	211800Z	16.6N 121.0W	9thAF/05 NM	500/700 MB	40 KTS	MISG	C	30 NM	
4	4	221918Z	16.4N 126.2W	9thAF/10 NM	500/700 MB	45 KTS	995MB	C	45 NM	

HURRICANE HILARY

261800Z JUL TO 060000Z AUG 1971

I. DATA

A. STATISTICS

1. NUMBER OF WARNINGS ISSUED - 42
2. NUMBER OF WARNINGS WITH HURRICANE INTENSITY - 26
3. TOTAL DISTANCE TRAVELED DURING TROPICAL WARNING PERIOD - 1920 MI.

B. CHARACTERISTICS

1. MINIMUM OBSERVED SLP - 953 MB
2. MINIMUM OBSERVED 700 MB HEIGHT - NOT OBSERVED
3. MAXIMUM SURFACE WIND - 85 KNOTS
4. MAXIMUM RADIUS OF SURFACE CIRCULATION - 360 MILES

II. DEVELOPMENT

- A. INITIAL IMPETUS - ITCZ
- B. INITIAL SURFACE VORTEX - 261800Z
- C. TIME STORM REACHED HURRICANE VELOCITY - 281800Z

III. FINAL DISPOSITION

- A. PASSED TO FLEWEACEN PEARL(DISSIPATED NORTHEAST OF HAWAII)