HURRICANE FERNANDA

041800Z TO 150000Z AUG 1968

I DATA

A. STATISTICS

1. NUMBER OF WARNINGS ISSUED:

FWC ALAMEDA	- 35
FWC PEARL	- 7
TOTAL	- 42

2. NUMBER OF WARNINGS WITH HURRICANE INTENSITY - 7

3. TOTAL DISTANCE TRAVELED DURING TROPICAL WARNING PERIOD - 2340 MILES

B. CHARACTERISTICS

1. MINIMUM OBSERVED SLP - UNKNOWN
2. MINIMUM OBSERVED 700 MB HEIGHT - NOT OBSERVED
3. MAXIMUM SURFACE WIND - 70 KT (EST.)
4. MAXIMUM RADIUS OF SURFACE CIRCULATION - 400 MI.

II DEVELOPMENT

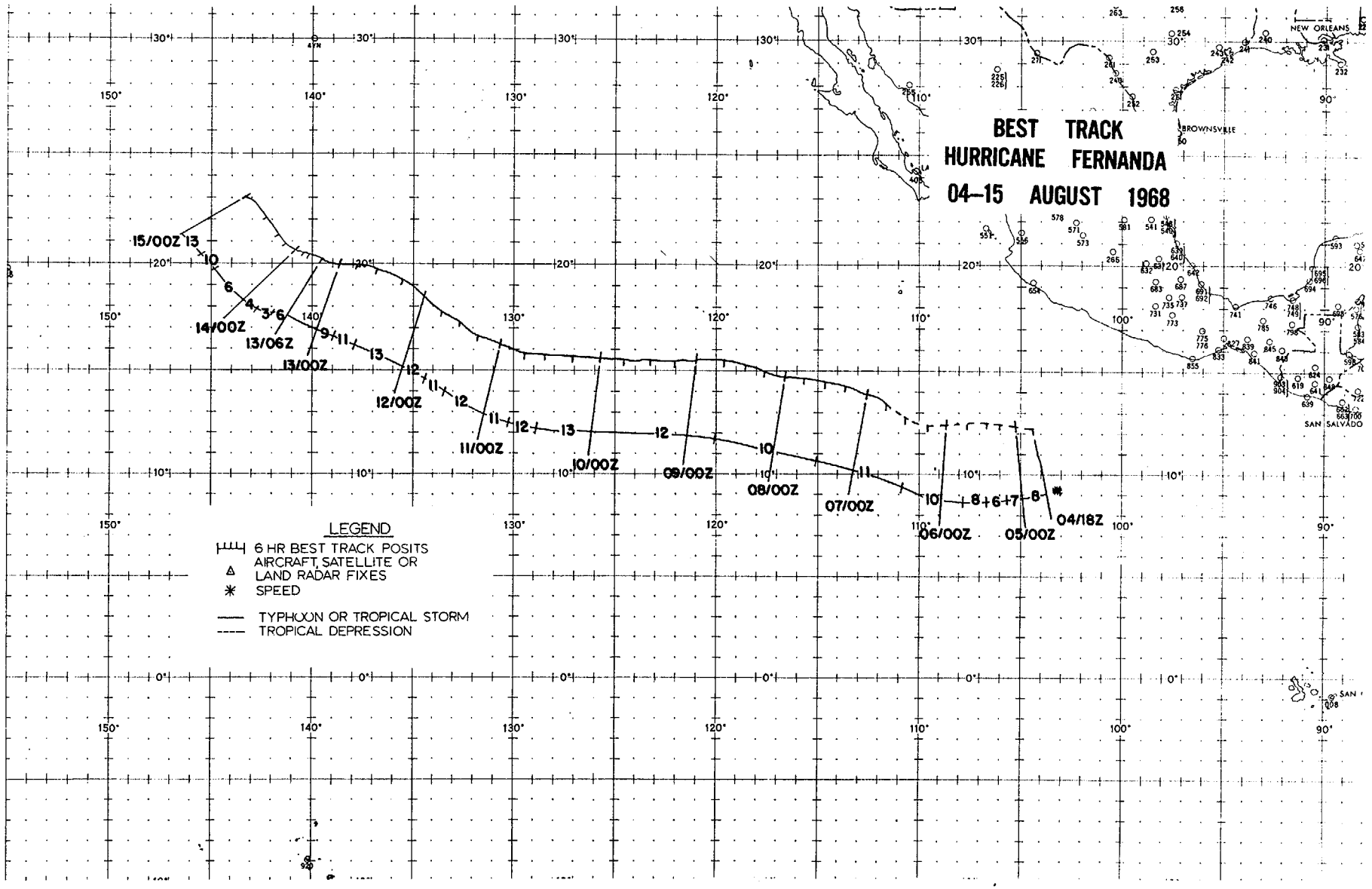
A. INITIAL IMPETUS - ITCZ
B. INITIAL SURFACE VORTEX

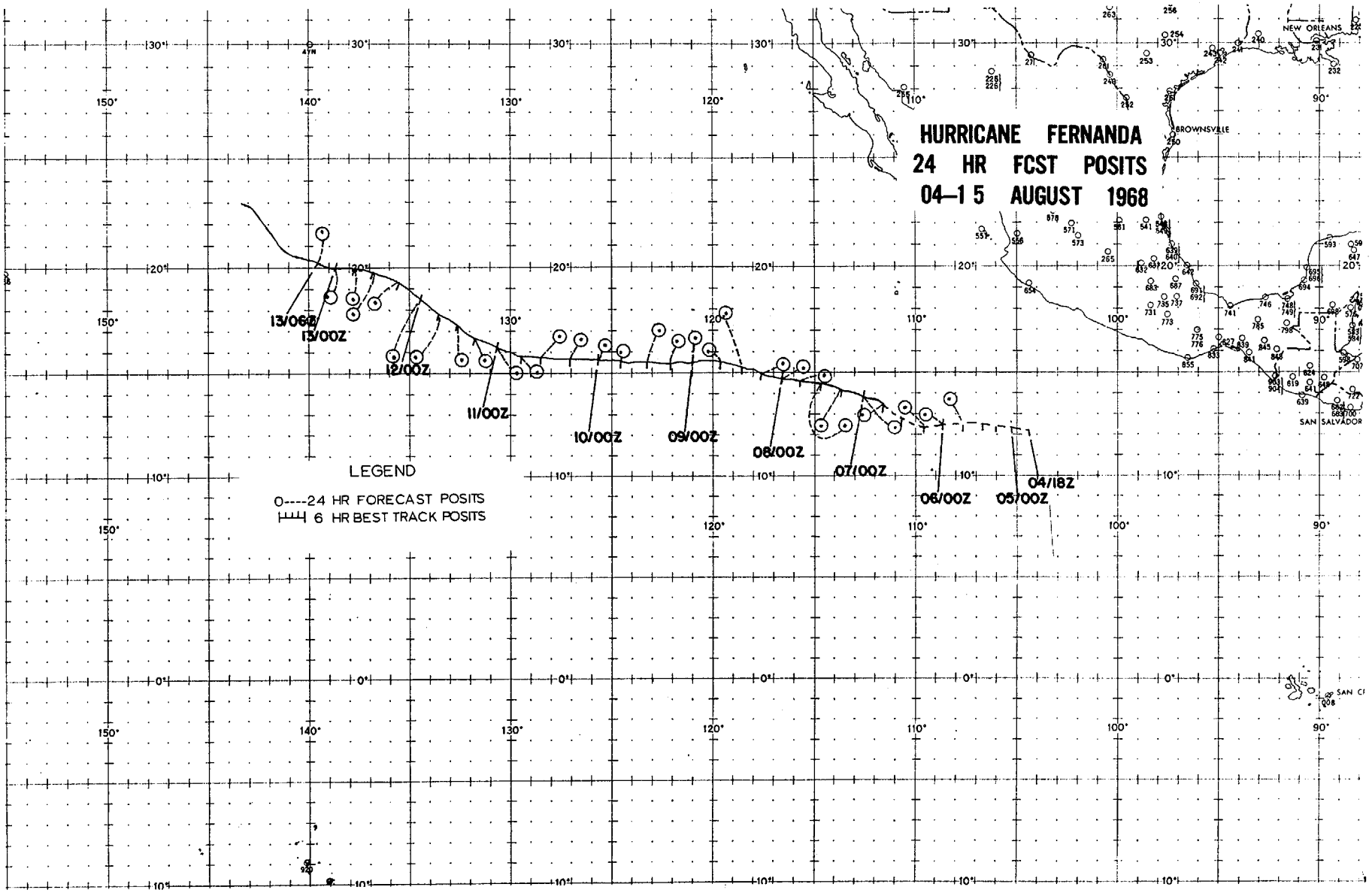
1. 041800Z
2. SURFACE PRESSURE LESS THAN 1008MB

C. TIME STORM REACHED HURRICANE INTENSITY - 091200Z

III FINAL DISPOSITION

A. DISSIPATED OVER WATER


BEST TRACK
HURRICANE FERNANDA
04–15 AUGUST 1968
LEGEND
6 HR BEST TRACK POSITS
AIRCRAFT, SATELLITE OR LAND RADAR FIXES
SPEED
TYPHOON OR TROPICAL STORM
TROPICAL DEPRESSION
15/00Z
14/00Z
13/06Z
13/00Z
12/00Z
11/00Z
10/00Z
09/00Z
08/00Z
07/00Z
06/00Z
05/00Z
04/18Z
NEW ORLEANS
BROWNSVILLE
SAN SALVADO


HURRICANE FERNANDA
24 HR FCST POSITS
04–15 AUGUST 1968
LEGEND
0----24 HR FORECAST POSITS
6 HR BEST TRACK POSITS
13/06Z
13/00Z
12/00Z
11/00Z
10/00Z
09/00Z
08/00Z
07/00Z
06/00Z
05/00Z
04/18Z
NEW ORLEANS
BROWNSVILLE
SAN SALVADOR

POSITION FROM BEST TRACK AND VERIFICATION DATA

STORM POSIT			24 HR ERROR	48 HR ERROR	72 HR ERROR
TIME	LAT	LONG	DEG/DIST	DEG/DIST	DEG/DIST
041800Z	12.1N	104.3W	-	-	-
050000Z	12.2N	105.1W	-	-	-
050600Z	12.3N	105.9W	-	-	-
051200Z	12.4N	106.6W	-	-	-
051800Z	12.4N	107.5W	325/96	-	-
060000Z	12.3N	108.5W	300/69	-	-
060600Z	12.5N	109.6W	304/65	-	-
061200Z	12.8N	110.7W	298/53	-	-
061800Z	13.4N	111.6W	147/62	-	-
070000Z	13.9N	112.5W	159/90	-	-
070600Z	14.2N	113.6W	210/117	-	-
071200Z	14.4N	114.6W	150/131	-	-
071800Z	14.5N	115.7W	071/58	-	-
080000Z	14.7N	116.7W	073/78	-	-
080600Z	15.0N	117.7W	074/87	-	-
081200Z	15.3N	118.7W	332/142	-	-
081800Z	15.4N	119.7W	325/44	074/111	-
090000Z	15.4N	120.9W	070/60	072/152	-
090600Z	15.4N	122.0W	009/79	063/200	-
091200Z	15.4N	123.1W	017/100	010/202	-
091800Z	15.4N	124.5W	360/18	360/96	065/189
100000Z	15.5N	125.7W	031/58	031/116	067/249
100600Z	15.7N	127.0W	045/66	031/191	-
101200Z	15.8N	128.4W	048/82	038/191	061/348
101800Z	15.9N	129.5W	131/81	062/69	-
110000Z	16.2N	130.7W	135/103	061/101	-
110600Z	16.6N	131.9W	151/76	069/105	042/228
111200Z	17.2N	132.8W	163/106	082/92	045/216
111800Z	17.8N	133.7W	205/136	156/180	-
120000Z	18.4N	134.7W	203/174	162/215	115/102
120600Z	19.2N	135.6W	233/82	175/216	131/120
121200Z	19.8N	136.8W	210/72	174/261	136/138
121800Z	20.0N	137.8W	182/90	201/276	-
130000Z	20.0N	138.7W	200/78	204/281	167/305
130600Z	20.1N	139.5W	357/97	267/105	177/273

PASSED TO FWC PEARL HARBOR

24 HOUR FORECAST ERROR = 85.5
48 HOUR FORECAST ERROR = 166.3
72 HOUR FORECAST ERROR = 216.8

(CONT'D)

POSITION FROM BEST TRACK AND VERIFICATION DATA (CONT.)

STORM POSIT			24 HR ERROR	48 HR ERROR	72 HR ERROR
TIME	LAT	LONG	DEG/DIST	DEG/DIST	DEG/DIST
131200Z	20.3N	140.1W	-	-	-
131800Z	20.4N	140.4W	-	-	-
140000Z	20.6N	140.8W	-	-	-
140600Z	20.9N	141.2W	-	-	-
141200Z	21.2N	141.6W	267/263	-	-
141800Z	22.1N	142.3W	255/226	-	-
150000Z	23.0N	143.2W	246/275	-	-

24 HOUR FORECAST ERROR = 255.0

(PEARL HARBOR)