HURRICANE "CARLOTTA" - 220600Z TO 270000Z JUNE 1967

I. DATA

A. Statistics

1. Number of warnings issued - 20
2. Number of warnings with hurricane intensity - 8
3. Total distance traveled during tropical warning period - 1030 mi

B. Characteristics

1. Minimum observed SLP - Unknown
2. Minimum observed 700 mb height - UNKNOWN
3. Maximum surface wind - 65 knots
4. Maximum radius of surface circulation - 300 mi

II. DEVELOPMENT

A. Initial impetus - ITCZ

B. Initial surface vortex

1. 220600Z
2. Surface pressure less than 1008mb

C. Time storm reached hurricane intensity - 240000Z

III. FINAL DISPOSITION

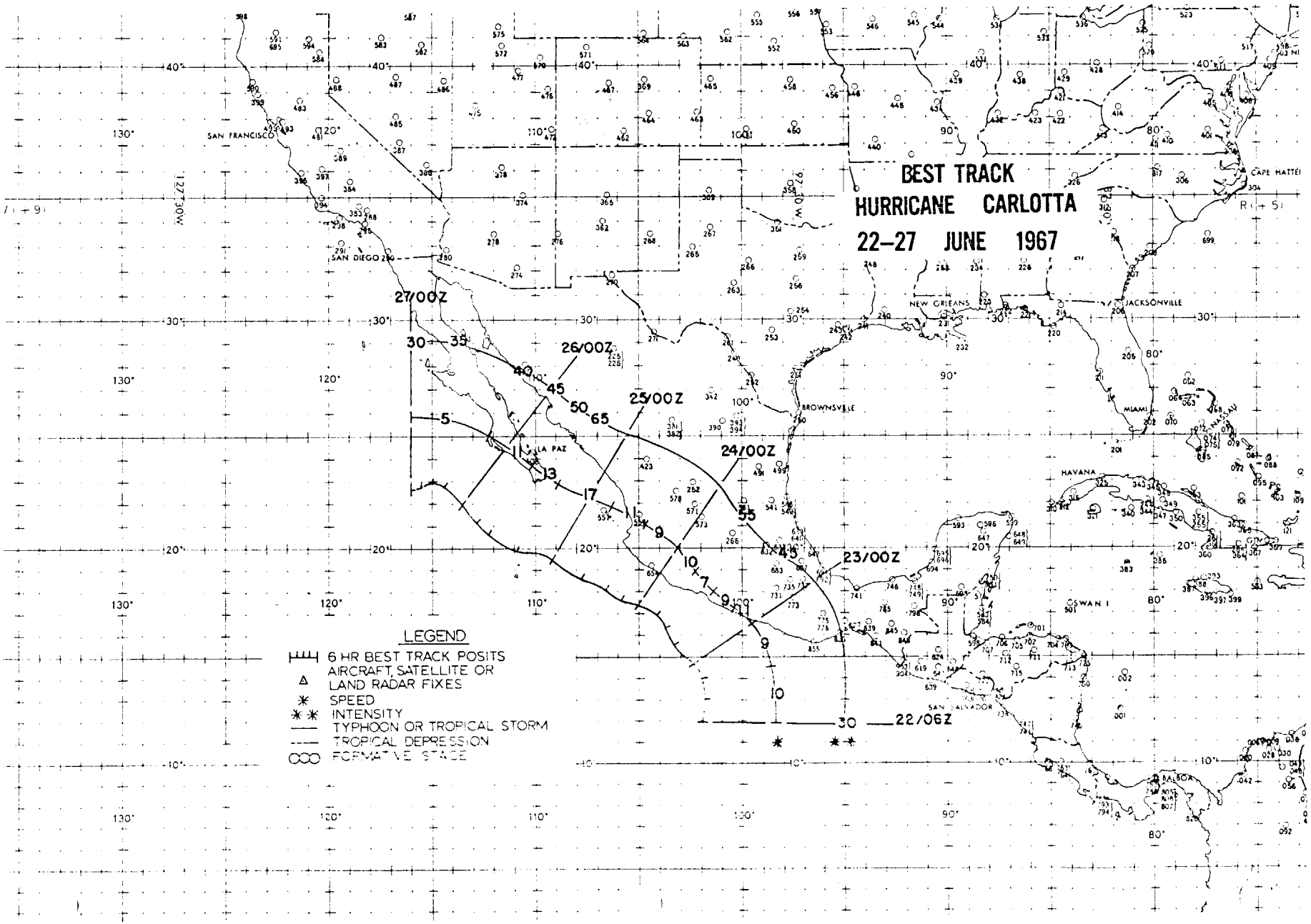
A. Dissipated over water

TROPICAL STORM OLIVIA
05 OCT - 14 OCT

DTG	LAT	LONG	DTG	LAT	LONG
051800Z	13.0N	108.0W	100600Z	15.5N	114.9W
060000Z	12.5N	109.5W	101200Z	15.8N	114.8W
060600Z	12.2N	110.2W	101800Z	16.4N	114.7W
061200Z	12.1N	110.9W	110000Z	16.9N	114.3W
061800Z	12.1N	111.5W	110600Z	17.5N	113.9W
070000Z	12.2N	112.0W	111200Z	18.1N	113.3W
070600Z	12.4N	112.2W	111800Z	18.6N	113.0W
071200Z	12.5N	112.5W	120000Z	19.0N	112.7W
071800Z	12.6N	112.8W	120600Z	19.7N	112.8W
080000Z	12.9N	113.0W	121200Z	20.5N	112.9W
080600Z	13.0N	113.2W	121800Z	21.2N	112.8W
081200Z	13.4N	113.9W	130000Z	21.9N	112.5W
081800Z	13.7N	114.0W	130600Z	22.6N	112.1W
090000Z	13.9N	114.0W	131200Z	23.6N	111.5W
090600Z	14.0N	114.2W	131800Z	24.5N	110.8W
091200Z	14.3N	114.3W	140000Z	25.2N	110.6W
091800Z	14.8N	114.8W	140600Z	25.8N	110.3W
100000Z	15.2N	114.8W	141200Z	26.8N	110.0W

TROPICAL STORM RAMONA
22 OCT - 03 NOV

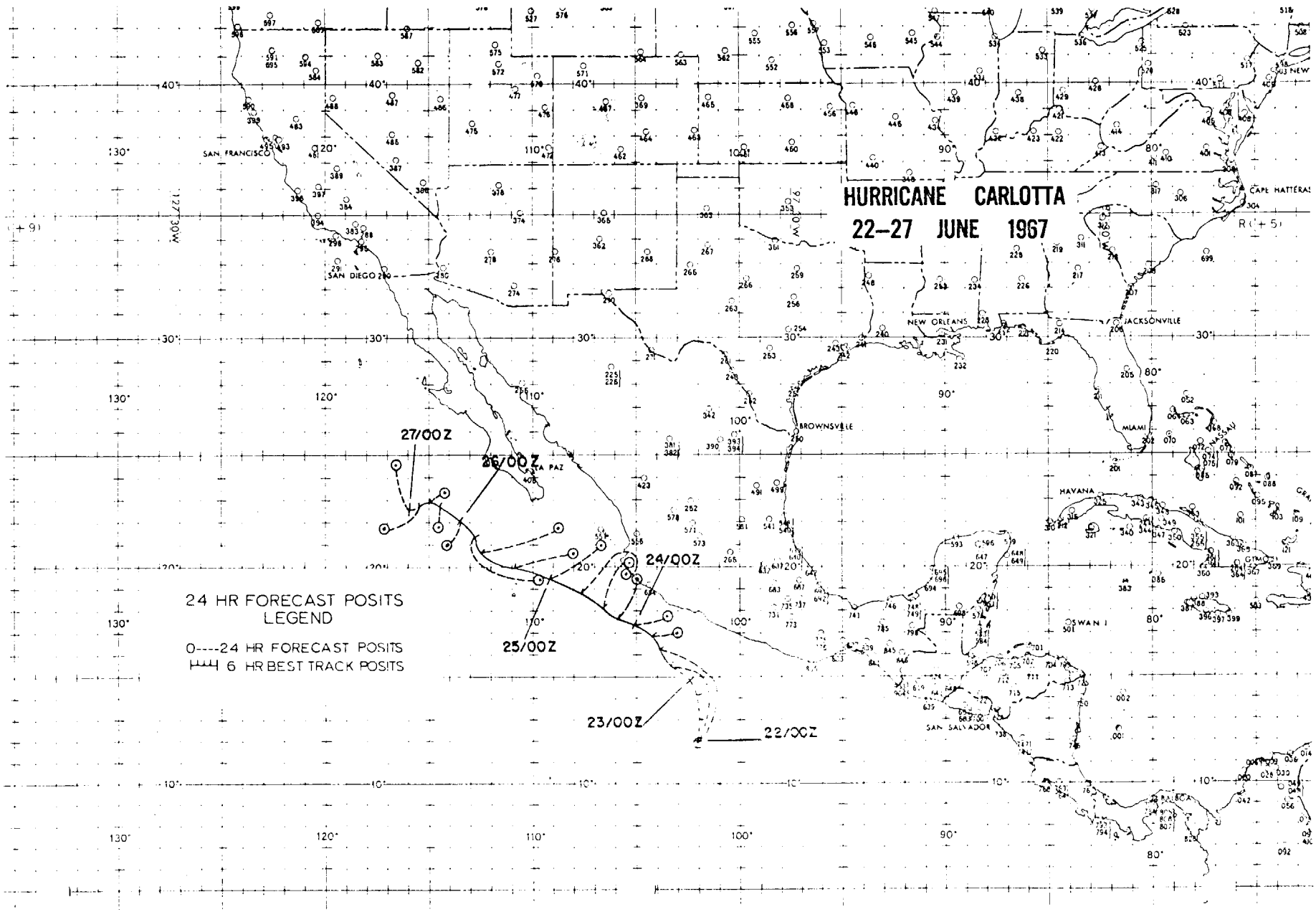
DTG	LAT	LONG	DTG	LAT	LONG
220000Z	14.9N	119.5W	281200Z	15.6N	138.9W
220600Z	14.9N	120.4W	281800Z	15.6N	139.8W
221200Z	13.7N	121.3W	290000Z	15.9N	140.4W
221800Z	13.4N	122.2W	290600Z	16.2N	140.9W
230000Z	13.3N	122.9W	291200Z	16.4N	141.4W
230600Z	13.0N	123.5W	291800Z	16.8N	141.9W
231200Z	12.5N	124.6N	300000Z	16.9N	142.4W
231800Z	11.9N	125.7W	300600Z	16.9N	143.3W
240000Z	11.5N	126.5W	301200Z	16.8N	143.8W
240600Z	11.3N	127.0W	301800Z	16.7N	144.2W
241200Z	11.2N	127.6W	310000Z	16.4N	144.6W
241800Z	11.2N	128.3W	310600Z	16.3N	144.9W
250000Z	11.3N	129.0W	311200Z	16.1N	145.2W
250600Z	11.4N	129.8W	311800Z	16.0N	145.5W
251200Z	11.7N	130.6W	010000Z	16.0N	146.0W
251800Z	12.0N	131.3W	010600Z	16.0N	146.5W
260000Z	12.4N	132.0W	011200Z	16.1N	147.0W
260600Z	12.8N	132.4W	011800Z	16.3N	147.3W
261200Z	13.2N	133.2W	020000Z	16.5N	147.6W
261800Z	13.6N	133.6W	020600Z	17.4N	147.9W
270000Z	14.0N	134.2W	021200Z	18.5N	147.3W
270600Z	14.3N	134.8W	021800Z	19.6N	147.7W
271200Z	14.7N	135.4W	030000Z	20.3N	148.1W
271800Z	15.2N	136.8W	030600Z	21.2N	148.3W
280000Z	15.3N	137.1W	031200Z	22.4N	148.0W
280600Z	15.5N	138.0W	031800Z	23.5N	147.7W


BEST TRACK
HURRICANE CARLOTTA
22–27 JUNE 1967
LEGEND
6 HR BEST TRACK POSITS
AIRCRAFT, SATELLITE OR LAND RADAR FIXES
SPEED
INTENSITY
TYPHOON OR TROPICAL STORM
TROPICAL DEPRESSION
FORMATIVE STAGE
SAN FRANCISCO
SAN DIEGO
LA PAZ
BROWNSVILLE
NEW ORLEANS
JACKSONVILLE
CAPE HATTERAS
MIAMI
NASSAU
HAVANA
SWAN I
SAN SALVADOR
BALBOA
27/00Z
26/00Z
25/00Z
24/00Z
23/00Z
22/06Z

HURRICANE "CARLOTTA" 22 JUL-27 JUN 1967
POSITION AND FORECAST VERIFICATION DATA

DTG	STORM POSITION LAT.	LONG	24 HOUR ERROR DEG. DISTANCE	48 HOUR ERROR DEG. DISTANCE
220600Z	12.0N	102.0W	-------	-------
221200Z	13.0N	102.0W	-------	-------
221800Z	14.0N	102.0W	-------	-------
230000Z	14.8N	102.4W	-------	-------
230600Z	15.4N	103.4W	158-172	-------
231200Z	16.2N	103.8W	157-276	-------
231800Z	16.8N	104.2W	081-077	-------
240000Z	17.3N	105.1W	074-102	-------
240600Z	17.5N	105.9W	024-202	-------
241200Z	18.1N	106.7W	038-210	-------
241800Z	18.5N	107.8W	065-242	-------
250000Z	19.5N	109.2W	058-168	-------
250600Z	19.9N	110.9W	078-175	-------
251200Z	20.5N	112.5W	070-210	-------
251800Z	21.2N	112.8W	116-235	078-462
260000Z	22.1N	113.6W	226-072	063-361
260600Z	22.7N	114.5W	192-054	077-384
261200Z	23.0N	115.0W	080-105	063-322
261800Z	22.6N	115.5W	243-108	092-270
270000Z	22.8N	116.0W	338-113	-------

AVERAGE 24 HOUR ERROR 110 mi
AVERAGE 48 HOUR ERROR 158 mi


HURRICANE CARLOTTA
22–27 JUNE 1967
24 HR FORECAST POSITS
LEGEND
0----24 HR FORECAST POSITS
6 HR BEST TRACK POSITS
27/00Z
26/00Z
25/00Z
24/00Z
23/00Z
22/00Z
SAN FRANCISCO
SAN DIEGO
LA PAZ
BROWNSVILLE
NEW ORLEANS
JACKSONVILLE
CAPE HATTERAS
MIAMI
HAVANA
NASSAU
SWAN I
SAN SALVADOR
127°30W
97°30W