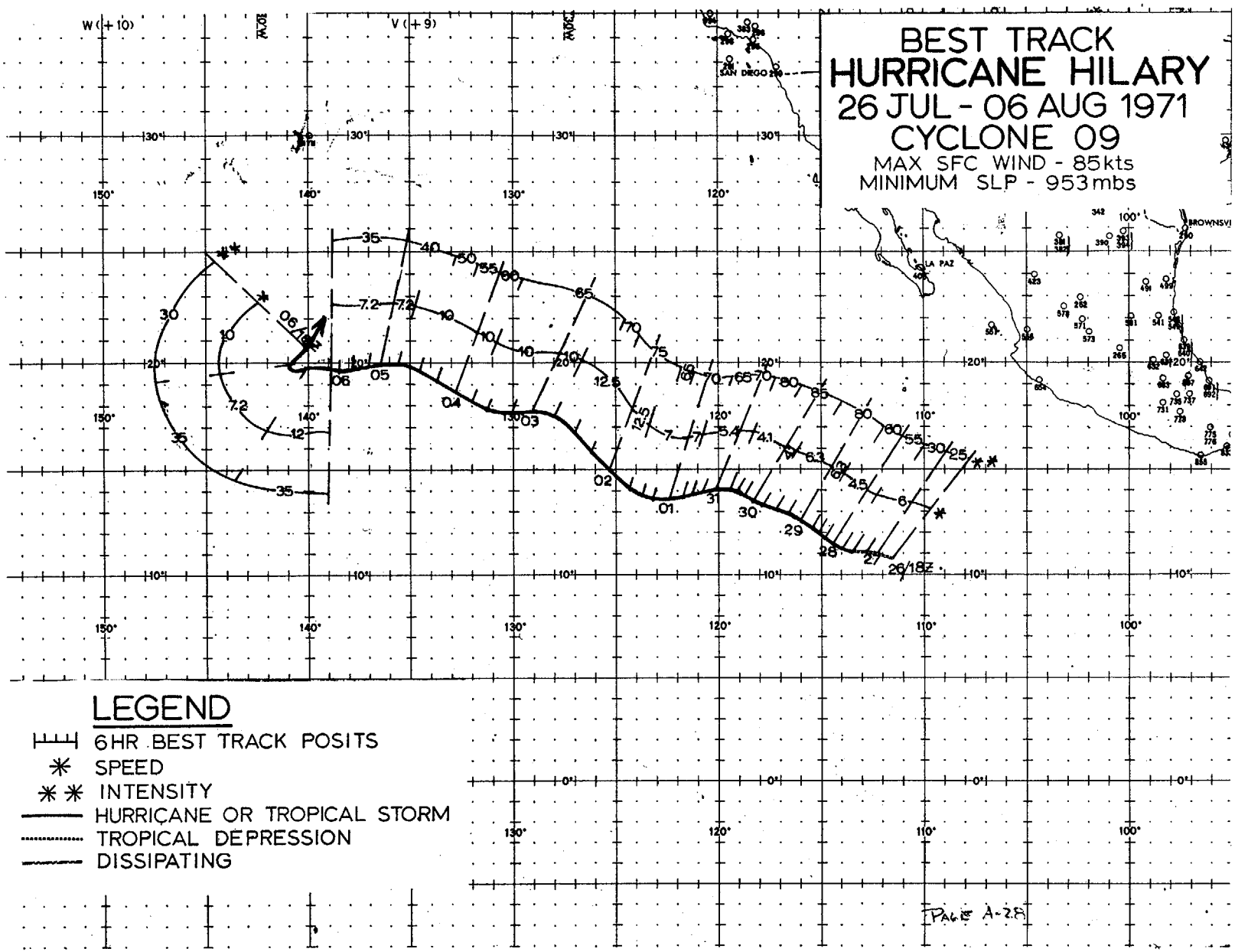
BEST TRACK
HURRICANE HILARY
26 JUL - 06 AUG 1971
CYCLONE 09
MAX SFC WIND - 85kts
MINIMUM SLP - 953mbs
LEGEND
6HR BEST TRACK POSITS
SPEED
INTENSITY
HURRICANE OR TROPICAL STORM
TROPICAL DEPRESSION
DISSIPATING
SAN DIEGO
LA PAZ
BROWNSVI
W (+10)
V (+9)
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HURRICANE HILARY

TIME	STORM POSIT LAT	STORM POSIT LONG	24 HR ERROR DEG/DIST	48 HR ERROR DEG/DIST	72 HR ERROR DEG/DIST
261800Z	10.8N	111.6W	-	-	-
270000Z	11.0N	112.2W	-	-	-
270600Z	11.1N	112.8W	-	-	-
271200Z	11.2N	113.4W	-	-	-
271800Z	11.3N	114.0W	200/038	-	-
280000Z	11.5N	114.5W	224/051	-	-
280600Z	11.7N	114.9W	231/068	-	-
281200Z	12.0N	115.2W	243/098	-	-
281800Z	12.3N	115.5W	265/096	-	-
290000Z	12.6N	116.0W	260/116	-	-
290600Z	12.9N	116.6W	259/127	-	-
291200Z	13.1N	117.2W	264/133	-	-
291800Z	13.3N	117.9W	044/022	262/128	-
300000Z	13.5N	118.3W	011/026	262/162	-
300600Z	13.8N	118.7W	344/024	265/188	-
301200Z	13.9N	119.0W	335/038	264/213	-
301800Z	14.1N	119.4W	280/074	330/048	-
310000Z	14.1N	120.1W	295/070	351/063	270/240
310600Z	14.0N	120.7W	295/102	354/082	-
311200Z	13.9N	121.2W	305/095	356/110	275/265
311800Z	13.8N	121.7W	025/130	315/130	-
010000Z	13.7N	122.4W	034/114	297/172	355/171
010600Z	13.7N	123.1W	032/132	296/194	-
011200Z	13.8N	123.8W	037/140	301/190	006/190
011800Z	14.1N	124.4W	144/047	035/214	-
020000Z	15.0N	125.3W	156/095	041/110	270/222
020600Z	15.9N	126.1W	164/159	051/105	-
021200Z	16.8N	127.0W	157/219	092/166	265/207
021800Z	17.6N	128.0W	165/198	162/285	-
030000Z	17.9N	129.0W	162/220	158/306	115/132
030600Z	17.7N	130.1W	153/219	147/315	-
031200Z	17.9N	131.2W	153/229	146/339	095/320
031800Z	18.3N	132.0W	023/015	149/255	-
040000Z	18.8N	132.8W	295/033	152/279	153/400
040600Z	19.3N	133.7W	275/042	155/312	-
041200Z	19.7N	134.6W	268/050	154/324	155/459
041800Z	20.1N	135.6W	210/040	026/174	-
050000Z	20.1N	136.4W	215/069	296/046	149/360
050600Z	19.9N	137.1W	235/065	315/070	-
051200Z	19.7N	137.8W	268/075	305/115	155/330
051800Z	19.6N	138.5W	285/070	305/110	-
060000Z	19.8N	138.9W	289/102	270/130	320/170

HURRICANE HILARY

FORECAST ERROR: 24 HR ERROR = 95.8 MI
48 HR ERROR = 177.8 MI
72 HR ERROR = 266.6 MI

FIX NO.	TIME	POSIT	UNIT/ACCURACY		FLT LVL	MAX OBS SFC WND	SLP	EYE	DIAM
1	271800Z	11.3N 113.9W	9thAF	10NM	300/500 MB	55 KTS	N/A	C	30 NM
2	281740Z	12.3N 115.5W	9thAF	10NM	300/700 MB	80 KTS	964MB	C	13 NM
3	291745Z	13.3N 117.9W	9thAF	2NM	300/400 MB	85 KTS	N/A	C	20 NM
4	301753Z	14.5N 119.6W	9thAF	5NM	300/700 MB	70 KTS	N/A	E	092/25/15
5	311905Z	13.8N 121.6W	9thAF	5NM	300/500 MB	70 KTS	968MB	C	25 NM
6	011801Z	14.1N 124.4W	9thAF	5NM	300/500 MB	75 KTS	953MB	C	22 NM
7	022000Z	17.8N 128.2W	9thAF	10NM	300/500 MB	65 KTS	N/A	C	20 NM
8	031722Z	18.3N 132.0W	9thAF	5NM	300/700 MB	65 KTS	N/A	C	15 NM
9	041800Z	20.1N 135.6W	9thAF	5NM	300/500 MB	40 KTS	995MB	C	20 NM
10	051705Z	19.6N 138.5W	9thAF	5NM	300/500 MB	35 KTS	1002MB	C	20 NM

TROPICAL STORMS 1971
POSITION DATA
TROPICAL STORM HILARY
06 AUG

DTG	LAT	LONG
060600Z	19.8N	140.1W
061200Z	19.9N	140.8W
061800Z	20.5N	140.0W

TROPICAL DEPRESSIONS 1971
POSITION DATA
TROPICAL DEPRESSION TWO FOUR
24 AUG

DTG	LAT	LONG
240000Z	14.5N	147.0W
240600Z	14.5N	148.0W
241200Z	14.5N	149.1W
241800Z	14.5N	149.5W

HURRICANE ILSA

311800Z JUL TO 080000Z AUG 1971

. DATA

A. STATISTICS

1. NUMBER OF WARNINGS ISSUED - 30
2. NUMBER OF WARNINGS WITH HURRICANE INTENSITY - 14
3. TOTAL DISTANCE TRAVELED DURING TROPICAL WARNING PERIOD - 1620 MI.

B. CHARACTERISTICS

1. MINIMUM OBSERVED SLP - 996 MB
2. MINIMUM OBSERVED 700 MB HEIGHT - NOT OBSERVED
3. MAXIMUM SURFACE WIND - 100 KTS
4. MAXIMUM RADIUS OF SURFACE CIRCULATION - 350 MILES

I. DEVELOPMENT

A. INITIAL IMPETUS - ITCZ
B. INITIAL SURFACE VORTEX - 311800Z
C. TIME STORM REACHED HURRICANE INTENSITY - 010600Z

II. FINAL DISPOSITION

A. DISSIPATED OVER WATER NEAR 23.0N 126.0W