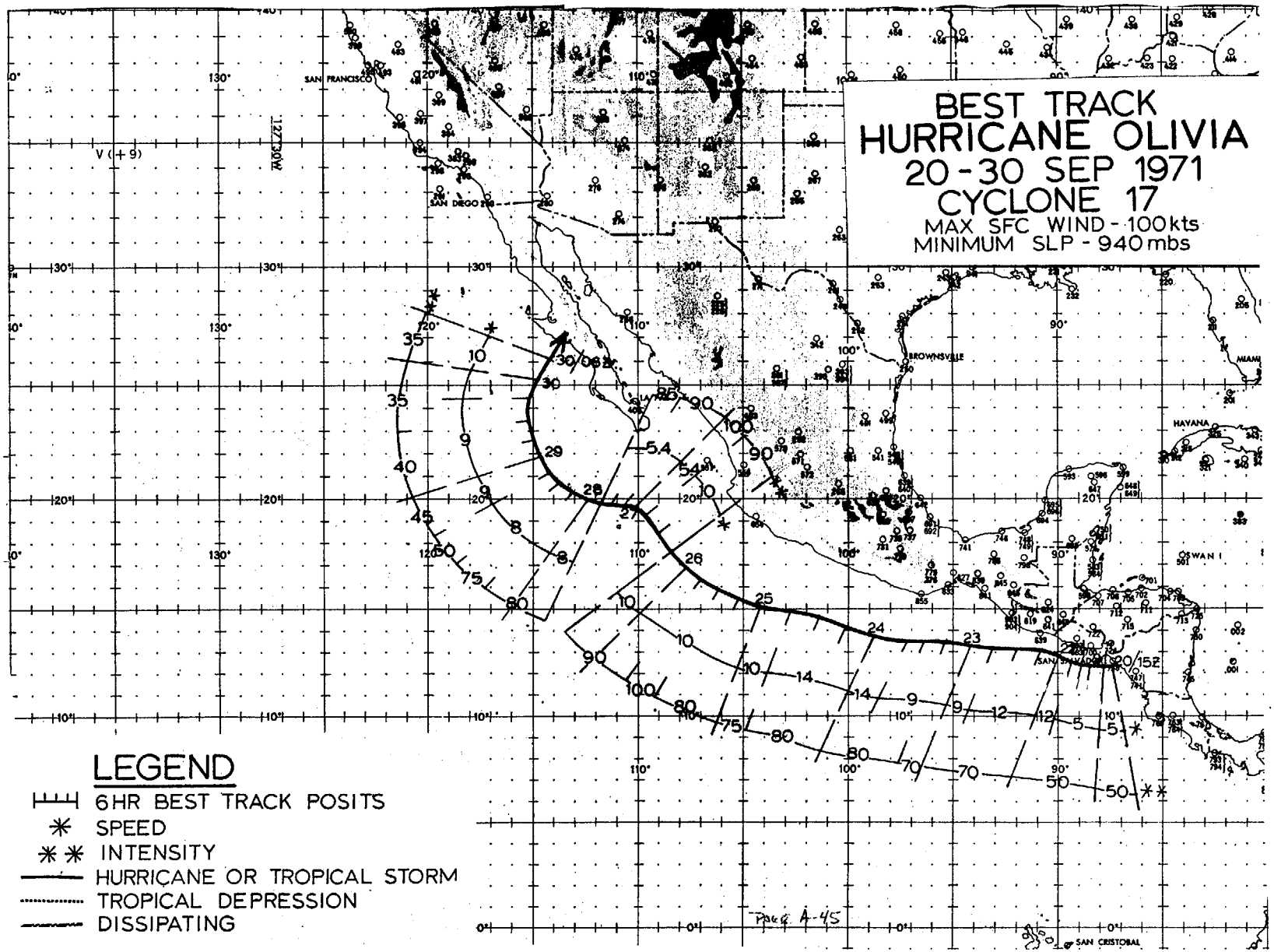
BEST TRACK
HURRICANE OLIVIA
20-30 SEP 1971
CYCLONE 17
MAX SFC WIND - 100 kts
MINIMUM SLP - 940 mbs
SAN FRANCISCO
SAN DIEGO
BROWNSVILLE
HAVANA
SWAN I
SAN CRISTOBAL
LEGEND
6HR BEST TRACK POSITS
SPEED
INTENSITY
HURRICANE OR TROPICAL STORM
TROPICAL DEPRESSION
DISSIPATING

HURRICANE OLIVIA (IRENE) 201500Z - 300600Z SEPT 1971

TIME	STORM POSIT LAT	STORM POSIT LONG	24 HR ERROR DEG/DIST	48 HR ERROR DEG/DIST	72 HR ERROR DEG/DIST
201500Z	12.3N	87.5W	-	-	-
201800Z	12.3N	87.8W	-	-	-
210000Z	12.4N	88.4W	-	-	-
210600Z	12.5N	88.9W	-	-	-
211200Z	12.7N	89.4W	-	-	-
211800Z	12.9N	89.9W	261/084	-	-
220000Z	13.1N	90.9W	260/055	-	-
220600Z	13.1N	92.0W	284/037	-	-
221200Z	13.1N	93.1W	280/030	-	-
221800Z	13.2N	94.2W	180/006	350/030	-
230000Z	13.4N	95.3W	072/038	090/018	-
230600Z	13.5N	96.2W	023/045	090/029	-
231200Z	13.5N	97.1W	007/065	040/037	-
231800Z	13.5N	98.0W	011/090	070/049	-
240000Z	13.7N	98.9W	324/054	070/064	076/050
240600Z	14.1N	100.2W	318/090	041/073	-
241200Z	14.5N	101.5W	295/066	039/085	073/105
241800Z	14.9N	102.8W	112/088	048/128	-
250000Z	15.1N	104.2W	093/114	077/087	099/188
250600Z	15.5N	105.2W	095/132	006/121	-
251200Z	15.9N	106.1W	093/144	086/092	065/126
251800Z	16.3N	107.0W	050/148	097/181	-
260000Z	16.9N	107.8W	043/250	086/168	068/135
260600Z	17.6N	108.5W	-	088/191	-
261200Z	18.5N	109.0W	026/201	085/212	070/255
261800Z	19.3N	109.6W	007/040	081/277	-
270000Z	19.7N	110.2W	043/203	-	082/315
270600Z	19.8N	110.7W	025/111	-	-
271200Z	19.8N	111.2W	031/230	-	084/373
271800Z	19.8N	111.8W	037/180	-	-
280000Z	20.0N	112.3W	030/207	-	-
280600Z	20.2N	113.1W	038/280	055/366	-
281200Z	20.6N	113.8W	011/170	052/522	-
281800Z	21.1N	114.3W	151/033	057/426	-
290000Z	21.9N	114.7W	164/057	060/412	-
290600Z	22.7N	115.0W	180/088	-	-
291200Z	23.6N	115.2W	200/138	357/144	-
291800Z	24.5N	115.1W	189/193	200/195	-
300000Z	25.3N	114.7W	260/150	204/165	-
300600Z	26.1N	114.1W	280/123	219/285	-

FORECAST ERROR: 24 HR ERROR = 115.8NM
48 HR ERROR = 174.3NM
72 HR ERROR = 193.3NM

EYE FIXES HURRICANE OLIVIA

NO.	TIME	POSIT	ACC.	FLT LVL	SFC WNDS	EYE	DIAMETER
1	212122Z	13.0N 90.2W	10MI	700MB	70 KTS	C	20 MI
2	222120Z	13.3N 94.9W	15MI	700MB	70 KTS	C	20 MI
3	232216Z	13.6N 98.5W	10MI	700MB	80 KTS	E	08/25/10
4	242349Z	15.1N 104.2W	10MI	700MB	misg	C	15 MI
5	261800Z	19.3N 109.6W	5MI	700MB	100 KTS	C	17 MI
6	262200Z	19.6N 110.0W	5MI	700MB	90 KTS	C	13 MI
7	272000Z	19.8N 112.0W	5MI	700MB	80 KTS	C	18 MI
8	280000Z	20.0N 112.3W	5MI	700MB	80 KTS	E	04/15/8

HURRICANE PRISCILLA

061200Z OCT TO 121800Z OCT 1971

DATA

A. STATISTICS

1. NUMBER OF WARNINGS ISSUED - 26
2. NUMBER OF WARNINGS WITH HURRICANE INTENSITY - 14
3. TOTAL DISTANCE TRAVELED DURING TROPICAL WARNING PERIOD - 1500 MILES

B. CHARACTERISTICS

1. MINIMUM OBSERVED SLP - 962 MB
2. MINIMUM OBSERVED 700 MB HEIGHT - NOT OBSERVED
3. MAXIMUM SURFACE WIND - 110 KNOTS
4. MAXIMUM RADIUS OF SURFACE CIRCULATION - 360 MILES

II. DEVELOPMENT

A. INITIAL IMPETUS - ITCZ
B. INITIAL SURFACE VORTEX - 061200Z
C. TIME STORM REACHED HURRICANE INTENSITY - 081800Z

III. FINAL DISPOSITION

A. DISSIPATED OVER THE MOUNTAINS OF MEXICO NEAR 23.0N 104.0W