

NATIONAL HURRICANE CENTER

TROPICAL CYCLONE FORECAST VERIFICATION

GENERAL SAMPLE ALL STORMS, ALL FORECASTS

FORECAST TYPE	FORECAST PERIOD					
	Initial Position	12hr	24hr	36hr	48hr	72hr
(Displacement errors in nautical miles, number of cases in parentheses)						
OFFICIAL	12 (38)	54 (37)	134 (27)	(0)	355 (11)	730 (2)
NHC67	12 (40)	71 (40)	170 (28)	321 (19)	492 (12)	881 (3)
NHC72	12 (40)	63 (40)	150 (28)	242 (19)	388 (12)	741 (3)
HURRAN	13 (21)	66 (21)	199 (15)	368 (10)	652 (5)	890 (2)
CLIPER	12 (40)	62 (40)	159 (28)	248 (19)	371 (12)	633 (3)
NHC73	11 (19)	77 (19)	184 (13)	278 (9)	369 (6)	768 (1)
SANBAR	11 (18)	66 (18)	144 (12)	219 (9)	278 (6)	-- (0)
MFM	5 (6)	40 (6)	86 (4)	141 (3)	153 (2)	-- (0)

## NATIONAL HURRICANE CENTER

## TROPICAL CYCLONE FORECAST VERIFICATION - 1977

## HOMOGENEOUS SAMPLE

FORECAST  
TYPE

FORECAST PERIOD

Initial  
Position

12hr

24hr

48hr

72hr

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(displacement errors in nautical miles, number of cases in parentheses)

OFFICIAL	11 (17)	56 (16)	150 (12)	389 (5)	-- (0)
NHC67	11	71	167	502	--
NHC72	11	60	134	390	--
CLIPER	11	58	147	384	--
NHC73	11	76	177	377	--
SANBAR	11	63	144	278	--

NATIONAL HURRICANE CENTER  
TROPICAL CYCLONE FORECAST VERIFICATION - 1977  
HOMOGENEOUS SAMPLE

FORECAST TYPE	FORECAST PERIOD				
	Initial Position	12hr	24hr	48hr	72hr

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(Displacement errors in nautical miles, number of cases in parentheses)

OFFICIAL	11 (17)	53 (17)	143 (14)	340 (7)	337 (2)
NHC67	11	68	162	452	517
NHC72	1	58	123	373	559
CLIPER	11	56	140	378	562
NHC73	11	73	168	334	307
SANBAR	11	60	133	246	166

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NATIONAL HURRICANE CENTER  
 TROPICAL CYCLONE FORECAST VERIFICATION  
 HOMOGENEOUS SAMPLE INCLUDING MFM MODEL  
 (MFM run on Hurricanes Anita and Babe only)

FORECAST TYPE	FORECAST PERIOD				
	Initial Position	12hr	24hr	48hr	72hr
(Displacement errors in nautical miles, number of cases in parentheses)					
OFFICIAL	5 (7)	30 (7)	85 (5)	189 (3)	- (0)
MFM	5	39	74	109	
NHC67	5	48	91	256	
NHC72	5	30	77	274	
CLIPER	5	32	85	263	
NHC73	5	38	97		
SANBAR	5	26	49	69	