

VERIFICATION OF FORECASTS  
1971

OFFICIAL

STORM	INITIAL POSITION ERROR	DISPLACEMENT ERRORS		
		24 HOUR	48 HOUR	72 HOUR
ARLENE	29 (6)	145 (4)		
BETH	10 (8)	123 (6)	121 (2)	
CHLOE	18 (1)			
DORIA	19 (6)	53 (4)		
EDITH	25 (35)	98 (33)	213 (26)	279 (22)
FERN	19 (12)	117 (10)	210 (6)	344 (1)
GINGER	26 (83)	98 (81)	245 (77)	397 (73)
HEIDI	31 (6)	131 (4)		
IRENE	20 (8)	95 (6)	239 (1)	
JANICE	27 (5)	77 (3)		
LAURA	13 (27)	100 (25)	266 (21)	475 (17)
MEAN	23 (197)	101 (176)	238 (133)	385 (113)
HURRAN		111 (83)	279 (48)	444 (37)
NHC-67		108 (176)	312 (136)	551 (115)
SANBAR		147 (81)	252 (64)	357 (54)

(Numbers in parentheses are the number of forecasts)

1971 HURRICANE FORECAST VERIFICATION  
(DISPLACEMENT ERRORS IN N. MI.)

PERIOD:	INITIAL POSITION	12 HOUR	24 HOUR	48 HOUR	72 HOUR
---------	------------------	---------	---------	---------	---------

FCST. TYPE  
(NO. OF CASES)

OFFICIAL	22.5 (197)	43.9 (197)	100.7 (176)	238.3 (133)	385.1 (113)
----------	---------------	---------------	----------------	----------------	----------------

NHC-67	22.5 (196)	51.5 (196)	108.1 (176)	312.3 (136)	551.4 (115)
--------	---------------	---------------	----------------	----------------	----------------

HURRAN	25.8 (100)	49.8 (100)	111.0 (83)	279.1 (48)	444.3 (37)
--------	---------------	---------------	---------------	---------------	---------------

SANDBAR	23.5 (38)	78.8 (88)	147.4 (81)	252.2 (64)	357.4 (54)
---------	--------------	--------------	---------------	---------------	---------------

197 HARRCANE FORECASTS VERIFICATION

HOMOGENOUS SAMPLE  
(DISPLACEMENT ERRORS IN NM)

PERIOD	INITIAL POSITION	12 HOUR	24 HOUR	48 HOUR	72 HOUR
--------	------------------	---------	---------	---------	---------

FCST TYPE  
(NO. OF CASES)

OFFICIAL	259 (94)	479 (94)	1099 (79)	2723 (47)	4582 (37)
WATCH	"	525 "	1129	2758 "	4710
HARRAN	"	496 "	1114 "	2813 "	4443 "

1971 HURRICANE FORECAST VERIFICATION  
 (DISPLACEMENT ERRORS IN N. MI.)

(NAUTICAL MILES)

PERIOD:	INITIAL POSITION	12 HOUR	24 HOUR	48 HOUR	72 HOUR
FCST. TYPE (NO. OF CASES)					
OFFICIAL	22.5 (197)	43.9 (197)	100.7 (176)	238.3 (133)	385.1 (113)
NHC-67	22.5 (196)	51.5 (196)	108.1 (176)	312.3 (136)	551.4 (115)
HURRAN	25.8 (100)	49.8 (100)	111.0 (83)	279.1 (48)	444.3 (37)
SANBAR	23.5 (38)	78.8 (88)	147.4 (81)	252.2 (64)	357.4 (54)

197 HURRICANE FORECAST VERIFICATION

HOMOGENOUS SAMPLE  
(DISPLACEMENT ERRORS IN N.Mi)

PERIOD	INITIAL POSITION	12 HOUR	24 HOUR	48 HOUR	72 HOUR
--------	------------------	---------	---------	---------	---------

FCST. TYPE  
(NO OF CASES)

OFFICIAL	25.9 (94)	47.9 (94)	109.9 (79)	273.3 (47)	458.2 (37)
----------	--------------	--------------	---------------	---------------	---------------

WHE-GT	"	52.5	112.9	275.8	471.0
--------	---	------	-------	-------	-------

HURRAN	"	49.6	111.4	281.3	444.3
--------	---	------	-------	-------	-------