

**Average NHC Atlantic Track Forecast Errors (n mi)
Tropical Storms and Hurricanes^{1, 2}**

Year	0 h		12 h		24 h		36 h ³		48 h		72 h		96 h ⁴		120 h ⁴	
	Error	N	Error	N	Error	N	Error	N	Error	N	Error	N	Error	N	Error	N
1970	18.8	55	45.2	46	84.3	34			185.8	13	253.8	3				
1971	22.7	215	52.5	202	112.4	183			242.0	137	381.9	118				
1972	24.9	66	70.7	66	142.3	57			390.6	38	689.2	25				
1973	24.3	98	63.7	98	116.7	84			246.2	54	363.2	29				
1974	17.9	110	50.3	103	97.1	89			206.5	64	348.3	42				
1975	16.5	156	57.9	140	117.0	121			256.9	92	402.1	68				
1976	21.8	172	62.6	158	127.9	143			285.2	113	433.0	85				
1977	11.7	48	56.8	39	132.9	30			331.0	14	485.1	5				
1978	18.6	137	68.5	115	144.2	101			323.5	59	423.3	33				
1979	17.8	170	47.2	146	89.5	138			160.1	98	238.4	83				
1980	16.4	226	59.8	199	128.6	188			273.2	140	404.8	109				
1981	19.3	232	64.0	210	125.9	190			248.3	146	423.0	106				
1982	17.2	64	62.3	55	131.3	45			244.6	29	271.3	21				
1983	10.1	48	43.0	43	83.4	34			190.7	18	418.0	10				
1984	22.4	198	66.7	180	131.7	157			265.3	122	387.4	89				
1985	17.8	187	55.7	173	109.6	151			222.5	106	339.7	69				
1986	21.8	83	56.6	76	107.4	66			237.5	42	383.5	27				
1987	19.6	142	53.2	131	108.6	119			229.6	95	349.2	67				
1988	12.9	164	38.5	152	70.4	132	102.1	118	140.9	108	226.1	89				
1989	18.1	255	50.9	239	95.6	215	144.3	191	192.8	166	283.4	129				
1990	16.2	269	55.1	239	100.8	209	145.6	181	194.1	157	301.7	114				
1991	15.5	80	58.9	69	113.5	55	148.5	42	191.9	31	296.6	17				
1992	10.4	154	41.1	139	82.9	124	126.0	111	167.8	99	279.9	76				
1993	14.6	118	47.4	98	101.0	82	149.1	72	179.5	60	240.5	41				

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	Error	N	Error	N	Error	N	Error	N	Error	N	Error	N	Error	N	Error	N
1994	12.8	111	52.1	97	102.7	83	151.7	72	209.6	62	341.6	50				
1995	12.2	480	46.9	444	87.3	408	124.2	373	160.2	341	233.7	278				
1996	10.5	313	42.4	286	72.0	260	100.6	236	128.1	217	189.8	183				
1997	11.5	106	47.0	90	87.2	75	123.4	62	150.1	51	229.2	38				
1998	12.4	346	45.7	316	83.9	286	117.0	260	144.3	233	201.8	191				
1999	9.3	313	37.2	289	70.2	267	106.3	245	139.7	223	211.1	182				
2000	9.2	259	38.4	230	70.6	202	101.4	179	131.8	164	220.7	136				
2001	6.0	255	41.7	217	74.1	182	100.2	153	125.1	133	187.7	99	235.4	69	315.0	48
2002	6.2	228	39.1	195	66.6	168	95.4	142	122.4	123	177.9	103	268.2	92	327.2	79
2003	6.9	310	34.6	281	57.3	251	81.8	225	107.4	202	132.4	161	160.7	129	205.8	106
2004	5.9	365	30.7	326	53.7	294	73.3	263	94.4	240	143.0	207	200.4	174	280.7	144
2005	6.0	512	31.4	453	55.2	402	77.7	359	101.2	323	150.1	243	229.4	185	316.0	130
2006	8.7	207	27.6	189	48.0	171	69.9	153	96.6	135	147.3	100	207.5	76	276.2	59
2007	7.3	150	31.4	120	50.2	91	68.0	73	86.2	60	139.6	41	144.5	25	221.5	16
1970-79	19.9	1227	57.3	1113	115.6	980			252.5	682	384.0	491				
1980-89	18.1	1599	56.0	1458	111.0	1297	126.3	308	226.2	971	344.9	715				
1990-99 ³	12.2	2290	46.0	2067	85.5	1849	122.4	1654	157.2	1474	233.4	1170				
2000-07 ⁴	6.8	2286	34.0	2011	59.1	1761	82.9	1547	107.7	1380	160.4	1090	211.1	750	282.0	582

Notes:

1. Verification based on NHC best track database as of 05/20/2008.
2. Verification sample is homogeneous with best-track 5-day CLIPER, and includes subtropical storms.

3. 36-h forecasts began in 1988.
4. 96- and 120-h forecasts began in 2001, but were not publicly released until 2003.