Average NHC Eastern North Pacific Intensity Forecast Errors (kt)
All Tropical Cyclones[1, 2]

Year	0 h		12 h		24 h		36 h		48 h		72 h		96 h[3]		120 h[3]	
	Error	N	Error	N	Error	N	Error	N	Error	N	Error	N	Error	N	Error	N
1990	3.2	566	6.4	537	10.3	503	14.0	471	16.5	431	19.5	364				
1991	2.4	420	5.4	406	10.1	374	14.4	345	17.6	321	21.1	273				
1992	2.7	675	6.2	648	10.6	596	13.6	555	15.5	500	18.9	428				
1993	2.4	391	6.9	373	12.0	345	15.4	316	17.4	292	21.1	245				
1994	1.8	322	5.3	304	10.7	278	15.9	256	21.2	230	28.5	189				
1995	2.5	265	5.9	249	10.9	228	14.6	209	17.3	186	19.8	148				
1996	2.4	219	5.6	200	9.9	174	13.6	145	15.6	123	18.1	85				
1997	3.0	390	7.6	369	12.8	335	16.4	295	18.1	257	19.4	199				
1998	2.1	321	5.2	305	9.8	280	13.3	256	16.0	231	17.8	187				
1999	1.7	204	5.2	188	9.0	164	11.7	143	14.6	125	20.5	102				
2000	2.2	328	5.9	296	10.2	264	13.7	235	15.6	204	16.4	151				
2001	1.6	321	6.2	292	10.3	261	13.2	234	14.4	208	17.0	156	18.4	107	18.6	73
2002	1.2	301	6.1	275	11.7	245	15.6	216	17.8	188	19.4	143	17.6	103	18.4	70
2003	1.7	287	6.1	258	10.7	228	14.9	198	18.5	168	20.7	118	18.6	73	20.1	36
2004	1.7	239	6.6	212	11.4	184	14.4	158	15.6	135	18.8	97	17.8	72	18.8	45
2005	1.4	290	5.8	263	10.1	233	13.6	203	16.2	177	18.2	138	19.1	110	20.6	89
2006	1.7	379	6.8	341	11.2	302	14.6	264	16.1	228	17.8	159	19.3	107	18.3	71
2007	1.2	233	5.1	208	8.2	182	11.6	156	14.4	140	18.1	108	20.8	77	17.0	52
2008	1.4	311	6.0	275	9.8	239	11.9	205	12.9	175	15.7	124	17.6	85	18.0	53
2009	1.7	268	7.1	236	12.8	204	17.1	173	18.0	143	17.3	99	18.1	69	18.8	45
2010	1.5	161	6.1	138	9.3	115	12.4	97	13.5	83	15.6	63	15.9	43	17.8	29
2011	2.2	258	7.2	234	12.2	213	15.0	193	16.4	171	17.9	129	18.8	93	17.5	58
2012	1.9	310	5.1	278	8.1	246	10.7	214	11.8	183	10.6	125	13.8	76	13.8	39
2013	1.7	288	5.2	255	9.5	222	12.0	189	13.0	159	14.3	111	14.9	78	13.1	56

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Year	0 h		12 h		24 h		36 h		48 h		72 h		96 h[3]		120 h[3]	
	Error	N	Error	N	Error	N	Error	N	Error	N	Error	N	Error	N	Error	N
2014	1.5	439	6.0	405	9.7	367	12.2	327	14.3	293	16.8	237	16.3	188	13.8	136
2015	2.2	350	7.6	319	12.1	288	15.0	260	16.3	234	16.8	188	15.8	146	16.3	115
2016	1.6	391	5.8	359	8.7	323	10.4	288	11.8	256	15.6	196	16.8	154	16.5	119
2017	1.5	334	5.4	297	8.9	260	10.7	226	11.8	199	12.3	159	11.1	120	12.2	86
2018	1.2	450	6.1	413	10.4	373	12.7	337	14.1	300	15.3	242	16.4	196	18.9	160
2019	1.1	278	5.2	245	9.1	211	11.1	180	13.3	155	18.1	116	19.7	86	18.4	62
2020	1.4	255	5.0	217	6.6	178	7.9	149	11.0	125	17.2	83	17.9	49	15.5	31
2021	1.5	314	5.2	275	8.7	235	11.3	197	13.3	161	17.8	108	20.6	68	20.0	43
2022	1.2	354	5.0	318	8.3	283	10.2	249	11.4	217	13.2	160	13.3	109	13.5	66
2023	1.4	297	7.2	265	10.5	234	12.8	204	14.6	176	13.6	129	16.2	93	22.2	66
2024	1.6	189	6.3	161	10.6	134	11.9	109	14.9	89	19.3	60	21.1	44	23.4	31
2025	1.5	298	5.0	262	7.4	226	9.0	194	10.1	164	10.5	116	13.1	86	13.9	67
1990-99	2.5	3773	6.1	3579	10.7	3277	14.4	2991	17.0	2696	20.4	2220				
2000-09[3]	1.6	2957	6.2	2656	10.7	2342	14.1	2042	15.9	1766	17.9	1293	18.6	803	18.8	534
2010-19	1.6	3263	6.0	2949	9.8	2626	12.2	2321	13.7	2045	15.4	1578	15.9	1192	15.8	871
2020-25	1.4	1707	5.6	1498	8.6	1290	10.5	1102	12.4	932	14.6	656	16.2	449	17.6	304

Notes:

1. Verification based on NHC best track database as of 5/18/26.
2. Verification sample is homogeneous with best-track 5-day Decay-SHIFOR, and includes subtropical cyclones.
3. 96- and 120-h forecasts began in 2001, but were not publicly released until 2003.