

National Hurricane Center GPRA Performance Measures

Year	Track: Annual average 48-h Atlantic Basin official forecast error (n mi) ¹		Intensity: Annual average 48-h Atlantic Basin official forecast error (kt) ²	
	GPRA Target	NHC Official Error	GPRA Target	NHC Official Error
2003	130.0	107.4		
2004	129.0	94.4		
2005	128.0	101.2		
2006	111.0	96.6		
2007	110.0	86.2		
2008	109.0	87.5	14.0	13.6
2009	108.0	70.1	13.0	17.5
2010	90.0	89.1	13.0	15.5
2011	87.0	70.8	13.0	14.4
2012	84.0	68.8	15.0	12.3
2013	81.0	102.5	14.0	10.4
2014	77.0	64.8	14.0	10.4
2015	77.0	77.4	12.0	11.4
2016	71.0	61.8	12.0	10.5
2017	68.0	56.4	12.0	12.6
2018	65.0	60.1	12.0	10.2
2019	62.0	74.7	12.0	10.1
2020	59.0	64.9	11.0	11.6
2021	57.0	53.3	11.0	9.4
2022	55.0	52.5	10.0	7.9
2023	53.0		10.0	
2024	52.0		10.0	
2025	52.0		10.0	

Notes:

1. Prior to 2010, track target applied to forecasts for tropical storms and hurricanes only. Beginning in 2010, target applies to forecasts for all tropical cyclones.
2. Intensity target applies to forecasts for all tropical cyclones.