

Status of NDFD Elements as of November 30, 2022

Element	CONUS	Puerto Rico	Hawaii	Guam	Alaska	Oceanic	Micronesia
12-hour Probability of Precipitation	Operational since 12/1/04	Operational since 6/21/05	Operational since 6/21/05	Operational since 9/20/05	Operational since 8/26/16	Not available	Experimental since 3/29/22
Apparent Temperature	Operational since 3/15/06	Operational since 3/15/06	Operational since 3/15/06	Operational since 3/15/06	Operational since 8/26/16	Not available	Not available
Ceiling Height	Experimental 5/23/22	Experimental 5/23/22	Not available	Not available	Not available	Not available	Not available
Climate Outlooks Days 8-14, 30-, and 90-Days Temperature Above/ Below Normal, Precipitation Above/ Below Normal	Operational since 9/18/08	Not available	Not available	Not available	Operational since 9/18/08	Not available	Not available
Convective Hazards - Outlook - Probability of: Tornadoes, Hail, Damaging Thunderstorm Winds, Extreme Tornadoes, Extreme Hail, Extreme Thunderstorm Winds - Total Probability of: Severe Thunderstorms, Extreme Severe Thunderstorms	Operational since 4/30/09	Not available	Not available	Not available	Not available	Not available	Not available
Dewpoint	Operational since 3/15/05	Operational since 6/21/05	Operational since 6/21/05	Operational since 9/20/05	Operational since 8/26/16	Not available	Experimental since 3/29/22

Element	CONUS	Puerto Rico	Hawaii	Guam	Alaska	Oceanic	Micronesia
Quantitative Precipitation Forecast (QPF)	Operational since 7/8/08	Operational since 7/8/08	Operational since 7/8/08	Operational since 7/8/08	Operational since 8/26/16	Not available	Experimental since 3/29/22
Relative Humidity	Operational since 3/15/06	Operational since 3/15/06	Operational since 3/15/06	Operational since 3/15/06	Operational since 8/26/16	Not available	Not available
Significant Wave Height	Operational since 5/31/07	Operational since 5/31/07	Operational since 5/31/07	Operational since 5/31/07	Operational since 8/26/16	Operational since 2/6/18	Experimental since 3/29/22
Sky Cover	Operational since 7/8/08	Operational since 7/8/08	Operational since 7/8/08	Operational since 7/8/08	Operational since 8/26/16	Not available	Experimental since 3/29/22
Snow Amount	Operational since 7/8/08	Not available	Operational since 7/8/08	Not available	Operational since 8/26/16	Not available	Not available
Snow Amount Probabilities 24-hour 10% exceedance 24-hour 90% exceedance 48-hour 10% exceedance 48-hour 90% exceedance 72-hour 10% exceedance 72-hour 90% exceedance	Experimental since 2/26/19	Not available	Not available	Not available	Not available	Not available	Not available
Snow Level	Operational since 12/15/20	Not available	Not available	Not available	Not available	Not available	Not available
Snow to Liquid Ratio	Experimental since 2/15/22	Not available	Experimental since 11/30/22	Not available	Experimental since 11/30/22	Not available	Not available

