

Status of NDFD Elements as of November 5, 2013

Element		CONUS	Puerto Rico	Hawaii	Guam	Alaska	Oceanic
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	Experimental since 9/6/06	Not available
Apparent Temperature		Operational since 3/15/06	Operational since 3/15/06	Operational since 3/15/06	Operational since 3/15/06	Experimental since 7/8/09	Not available
Climate Outlooks 12 separate elements: 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
Convective Outlook Hazard Probabilities							
	Convective Hazard Outlook for Days 1-3	Operational since 4/30/09	Not available	Not available	Not available	Not available	Not available
	Convective Hazard Outlook for Days 4-8	Operational since 12/1/09	Not available	Not available	Not available	Not available	Not available
	8 additional separate elements: 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
Dewpoint		Operational since 3/15/05	Operational since 6/21/05	Operational since 6/21/05	Operational since 9/20/05	Experimental since 7/8/09	Not available

Element		CONUS	Puerto Rico	Hawaii	Guam	Alaska	Oceanic
Fire Weather Outlooks							
	Fire Weather Critical and Extremely Critical Areas for Days 1-7	Operational since 7/14/11	Not available	Not available	Not available	Not available	Not available
	Fire Weather Critical Areas for Dry Thunderstorms for Days 1-3	Operational since 7/14/11	Not available	Not available	Not available	Not available	Not available
Hazards		Operational since 9/15/09	Operational since 9/15/09	Operational since 9/15/09	Operational since 9/15/09	Experimental since 7/8/08* * subset of hazards	Experimental since 3/20/13
Ice Accumulation		Operational since 11/5/13* * subset of CONUS	Not required	Not required	Not required	Not available	Not available
Maximum and Minimum Relative Humidity		Operational since 11/27/12	Operational since 11/27/12	Operational since 11/27/12	Operational since 11/27/12	Experimental since 2/15/12	Not available
Maximum and Minimum Temperature		Operational since 12/1/04	Operational since 6/21/05	Operational since 6/21/05	Operational since 9/20/05	Experimental since 9/6/06	Not available
Quantitative Precipitation Forecast (QPF)		Operational since 7/8/08	Operational since 7/8/08	Operational since 7/8/08	Operational since 7/8/08	Experimental since 7/8/09	Not available
Relative Humidity		Operational since 3/15/06	Operational since 3/15/06	Operational since 3/15/06	Operational since 3/15/06	Experimental since 7/8/09	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	Experimental since 9/6/06	Experimental since 3/20/13

Element	CONUS	Puerto Rico	Hawaii	Guam	Alaska	Oceanic
Sky Cover	Operational since 7/8/08	Operational since 7/8/08	Operational since 7/8/08	Operational since 7/8/08	Experimental since 7/8/09	Not available
Snow Amount	Operational since 7/8/08	Not required	Operational since 7/8/08	Not required	Experimental since 7/8/09	Not available
Temperature	Operational since 3/15/05	Operational since 6/21/05	Operational since 6/21/05	Operational since 9/20/05	Experimental since 7/8/09	Not available
Tropical Cyclone Surface Wind Speeds Probabilities 6 separate elements: >34kts (incremental) >34kts (cumulative) >50kts (incremental) >50kts (cumulative) >64kts (incremental) >64kts (cumulative)	Operational since 5/31/07	Not available	Operational since 5/13/10 (graphics only)	Operational since 5/13/10 (graphics only)	Not required	Not available
	Northern Hemisphere domain Operational since 5/31/07					
	North Pacific Ocean domain Operational since 5/13/10					
Weather	Operational since 3/15/05	Operational since 6/21/05	Operational since 6/21/05	Operational since 9/20/05	Experimental since 7/8/09	Not available
Wind Direction and Speed	Operational since 12/14/05	Operational since 12/14/05	Operational since 12/14/05	Operational since 12/14/05	Experimental since 9/6/06	Experimental since 3/20/13
Wind Gust	Operational since 9/20/07	Operational since 9/20/07	Operational since 9/20/07	Operational since 9/20/07	Experimental since 7/8/09	Experimental since 3/20/13