

Status of NDFD Elements as of July 8, 2008

Element	CONUS	Puerto Rico	Hawaii	Guam	Alaska
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 Comments closed 4/6/07
Apparent Temperature	Operational since 3/15/06	Operational since 3/15/06	Operational since 3/15/06	Operational since 3/15/06	Not available
Climate Outlooks 12 separate elements: Days 8-14, 30-, and 90-Days ▪ Temperature Above/ Below Normal ▪ Precipitation Above/ Below Normal	Experimental since 10/18/07 Comments closed 2/18/08	Not available	Not available	Not available	Experimental since 10/18/07 Comments closed 2/18/08
Convective Outlook Hazard Probabilities 9 separate elements: Convective Hazard Outlook Probability of: ▪ Tornadoes ▪ Hail ▪ Damaging Thunderstorm Winds ▪ Extreme Tornadoes ▪ Extreme Hail ▪ Extreme Thunderstorm Winds Total Probability of: ▪ Severe Thunderstorms ▪ Extreme Severe Thunderstorms	Experimental since 2/27/07 Comments closed 6/29/07	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	Not available
Hazards	Experimental since 7/8/08	Experimental since 7/8/08	Experimental since 7/8/08	Experimental since 7/8/08	Experimental since 7/8/08* <small>* subset of hazards</small>
Maximum 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 Comments closed 4/6/07
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 Comments closed 4/6/07

Element	CONUS	Puerto Rico	Hawaii	Guam	Alaska
Probabilistic Tropical Cyclone Surface Wind Speeds 6 separate elements: >34kts (incremental) >34kts (cumulative) >50kts (incremental) >50kts (cumulative) >64kts (incremental) >64kts (cumulative)	Operational since 5/31/07	Not available	Experimental since 5/15/08 (graphics only)	Experimental since 5/15/08 (graphics only)	Not available
			Comments accepted until 11/30/08	Comments accepted until 11/30/08	
			Atlantic Ocean domain Operational since 5/31/07		
		North Pacific Ocean domain Experimental since 5/15/08 Comments accepted until 11/30/08			
Quantitative Precipitation Forecast (QPF)	Operational since 7/8/08	Operational since 7/8/08	Operational since 7/8/08	Not available	Not available
Relative Humidity	Operational since 3/15/06	Operational since 3/15/06	Operational since 3/15/06	Operational since 3/15/06	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 Comments closed 4/6/07
Sky Cover	Operational since 7/8/08	Operational since 7/8/08	Operational since 7/8/08	Operational since 7/8/08	Not available
Snow Amount	Operational since 7/8/08	Not required	Operational since 7/8/08	Not required	Not available
Temperature	Operational since 3/15/05	Operational since 6/21/05	Operational since 6/21/05	Operational since 9/20/05	Not available
Weather	Operational since 3/15/05	Operational since 6/21/05	Operational since 6/21/05	Operational since 9/20/05	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 Comments closed 4/6/07
Wind Gust	Operational since 9/20/07	Operational since 9/20/07	Operational since 9/20/07	Operational since 9/20/07	Not available