

**Status of NDFD Elements as of April 30, 2009**

<b>Element</b>	<b>CONUS</b>	<b>Puerto Rico</b>	<b>Hawaii</b>	<b>Guam</b>	<b>Alaska</b>
<b>12-hour Probability of Precipitation</b>	<b>Operational</b> since 12/1/04	<b>Operational</b> since 6/21/05	<b>Operational</b> since 6/21/05	<b>Operational</b> since 9/20/05	<b>Experimental</b> since 9/6/06  <b>Comments closed</b> 4/6/07
<b>Apparent Temperature</b>	<b>Operational</b> since 3/15/06	<b>Operational</b> since 3/15/06	<b>Operational</b> since 3/15/06	<b>Operational</b> since 3/15/06	Not available
<b>Climate Outlooks</b> 12 separate elements: Days 8-14, 30-, and 90-Days ▪ Temperature Above/ Below Normal ▪ Precipitation Above/ Below Normal	<b>Operational</b> since 9/18/08	Not available	Not available	Not available	<b>Operational</b> since 9/18/08
<b>Convective Outlook Hazard Probabilities</b>					
<b>Convective Hazard Outlook for Days 1-3</b>	<b>To Be Operational</b> 4/30/09	Not available	Not available	Not available	Not available
<b>Convective Hazard Outlook for Days 4-8</b>	<b>Experimental</b> since 9/30/08  <b>Comments accepted</b> until 2/28/09	Not available	Not available	Not available	Not available
<b>8 additional separate elements:</b> <b>Probability of:</b> ▪ Tornadoes ▪ Hail ▪ Damaging Thunderstorm Winds ▪ Extreme Tornadoes Extreme Hail ▪ Extreme Thunderstorm Winds <b>Total Probability of:</b> ▪ Severe Thunderstorms Extreme Severe Thunderstorms	<b>Operational</b> 4/30/09	Not available	Not available	Not available	Not available
<b>Dewpoint</b>	<b>Operational</b> since 3/15/05	<b>Operational</b> since 6/21/05	<b>Operational</b> since 6/21/05	<b>Operational</b> since 9/20/05	Not available

Element	CONUS	Puerto Rico	Hawaii	Guam	Alaska
<b>Hazards</b>	<b>Experimental</b> since 7/8/08  <b>Comments accepted until</b> 1/8/09	<b>Experimental</b> since 7/8/08  <b>Comments accepted until</b> 1/8/09	<b>Experimental</b> since 7/8/08  <b>Comments accepted until</b> 1/8/09	<b>Experimental</b> since 7/8/08  <b>Comments accepted until</b> 1/8/09	<b>Experimental</b> since 7/8/08*  * subset of hazards  <b>Comments accepted until</b> 1/8/09
<b>Maximum Temperature</b>	<b>Operational</b> since 12/1/04	<b>Operational</b> since 6/21/05	<b>Operational</b> since 6/21/05	<b>Operational</b> since 9/20/05	<b>Experimental</b> since 9/6/06  <b>Comments closed</b> 4/6/07
<b>Minimum Temperature</b>	<b>Operational</b> since 12/1/04	<b>Operational</b> since 6/21/05	<b>Operational</b> since 6/21/05	<b>Operational</b> since 9/20/05	<b>Experimental</b> since 9/6/06  <b>Comments closed</b> 4/6/07
<b>Probabilistic Tropical Cyclone Surface Wind Speeds</b> 6 separate elements: >34kts (incremental) >34kts (cumulative) >50kts (incremental) >50kts (cumulative) >64kts (incremental) >64kts (cumulative)	<b>Operational</b> since 5/31/07	Not available	<b>Experimental</b> since 5/15/08 (graphics only)  <b>Comments accepted until</b> 11/30/08	<b>Experimental</b> since 5/15/08 (graphics only)  <b>Comments accepted until</b> 11/30/08	Not available
			<b>Northern Hemisphere domain</b> <b>Operational</b> since 5/31/07		
			<b>North Pacific Ocean domain</b> <b>Experimental</b> since 5/15/08 <b>Comments accepted until</b> 11/30/08		
<b>Quantitative Precipitation Forecast (QPF)</b>	<b>Operational</b> since 7/8/08	<b>Operational</b> since 7/8/08	<b>Operational</b> since 7/8/08	Not available	Not available
<b>Relative Humidity</b>	<b>Operational</b> since 3/15/06	<b>Operational</b> since 3/15/06	<b>Operational</b> since 3/15/06	<b>Operational</b> since 3/15/06	Not available
<b>Significant Wave Height</b>	<b>Operational</b> since 5/31/07	<b>Operational</b> since 5/31/07	<b>Operational</b> since 5/31/07	<b>Operational</b> since 5/31/07	<b>Experimental</b> since 9/6/06  <b>Comments closed</b> 4/6/07
<b>Sky Cover</b>	<b>Operational</b> since 7/8/08	<b>Operational</b> since 7/8/08	<b>Operational</b> since 7/8/08	<b>Operational</b> since 7/8/08	Not available
<b>Snow Amount</b>	<b>Operational</b> since 7/8/08	Not required	<b>Operational</b> since 7/8/08	Not required	Not available
<b>Temperature</b>	<b>Operational</b> since 3/15/05	<b>Operational</b> since 6/21/05	<b>Operational</b> since 6/21/05	<b>Operational</b> since 9/20/05	Not available
<b>Weather</b>	<b>Operational</b> since 3/15/05	<b>Operational</b> since 6/21/05	<b>Operational</b> since 6/21/05	<b>Operational</b> since 9/20/05	Not available

<b>Element</b>	<b>CONUS</b>	<b>Puerto Rico</b>	<b>Hawaii</b>	<b>Guam</b>	<b>Alaska</b>
<b>Wind Direction and Speed</b>	<b>Operational</b> since 12/14/05	<b>Operational</b> since 12/14/05	<b>Operational</b> since 12/14/05	<b>Operational</b> since 12/14/05	<b>Experimental</b> since 9/6/06  <b>Comments</b> <b>closed 4/6/07</b>
<b>Wind Gust</b>	<b>Operational</b> since 9/20/07	<b>Operational</b> since 9/20/07	<b>Operational</b> since 9/20/07	<b>Operational</b> since 9/20/07	Not available