

### Status of NDFD Elements as of September 8, 2008

Element	CONUS	Puerto Rico	Hawaii	Guam	Alaska
<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 <ul style="list-style-type: none"> <li>▪ Temperature Above/ Below Normal</li> <li>▪ Precipitation Above/ Below Normal</li> </ul>	<b>To become Operational</b> 9/18/08	Not available	Not available	Not available	<b>To become Operational</b> 9/18/08
<b>Convective Outlook Hazard Probabilities</b> 9 separate elements: Convective Hazard Outlook Probability of: <ul style="list-style-type: none"> <li>▪ Tornadoes</li> <li>▪ Hail</li> <li>▪ Damaging Thunderstorm Winds</li> <li>▪ Extreme Tornadoes</li> <li>▪ Extreme Hail</li> <li>▪ Extreme Thunderstorm Winds</li> </ul> <b>Total Probability of:</b> <ul style="list-style-type: none"> <li>▪ Severe Thunderstorms</li> <li>▪ Extreme Severe Thunderstorms</li> </ul>	<b>Experimental</b> since 2/27/07  <b>Comments closed</b> 6/29/07	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
<b>Hazards</b>	<b>Experimental</b> since 7/8/08  <b>Comments accepted</b> until 1/8/09	<b>Experimental</b> since 7/8/08  <b>Comments accepted</b> until 1/8/09	<b>Experimental</b> since 7/8/08  <b>Comments accepted</b> until 1/8/09	<b>Experimental</b> since 7/8/08  <b>Comments accepted</b> until 1/8/09	<b>Experimental</b> since 7/8/08* <small>* subset of hazards</small>  <b>Comments accepted</b> until 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

Element	CONUS	Puerto Rico	Hawaii	Guam	Alaska
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
Probabilistic Tropical Cyclone Surface Wind Speeds 6 separate elements: <ul style="list-style-type: none"> <li>&gt;34kts (incremental)</li> <li>&gt;34kts (cumulative)</li> <li>&gt;50kts (incremental)</li> <li>&gt;50kts (cumulative)</li> <li>&gt;64kts (incremental)</li> <li>&gt;64kts (cumulative)</li> </ul>	Operational since 5/31/07	Not available	Experimental since 5/15/08 (graphics only)  Comments accepted until 11/30/08	Experimental since 5/15/08 (graphics only)  Comments accepted until 11/30/08	Not available
			Northern Hemisphere 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