

**SHELDUS event types  
classified as coastal in  
SHELDUS v10a.**

|   |
|---|
| Surf, rain, wind                          |
| NCDC_Astronomical Low Tide                |
| high surf and waves                       |
| Wind and high tides                       |
| wind, rain, tidal flooding                |
| record high tide                          |
| High tides and flash flooding             |
| MINOR COASTAL FLOOD AND WIND              |
| HIGH TIDES AND HEAVY RAINS                |
| High Tides and Surf                       |
| Heavy Snow, Blizzard, Tidal Flooding      |
| High tides, flooding                      |
| High tides and flooding                   |
| wind and waves                            |
| Heavy surf and high tides                 |
| COASTAL FLOODING/EROSION                  |
| HIGH WINDS/SEAS, BLIZZARD                 |
| High Wind, Rough Sea, Minor Coastal Flood |
| Wind and heavy seas                       |
| Coastal flooding, erosion                 |
| Rough Seas                                |
| high tides, heavy rain                    |
| High Tide, Wind, Beach Erosion            |
| ROUGH SURF                                |
| WIND, RIPTIDES                            |
| HIGH WINDS AND SEAS                       |
| Flooding/Wave/Wind                        |
| Coastal Flood, High Seas                  |
| Strom Surge/Tide                          |
| Sea Swell                                 |
| Coastal Stormtide and wind action         |
| High Winds/Seas                           |
| EROSION/CSTL FLOOD                        |
| Rogue Wave                                |
| Hurricane/Rain/Tide/Wind                  |

The Hazards Research Lab provides data free of charge, however, we would like any use of the data to be accompanied by a citation as follows:

"Hazards & Vulnerability Research Institute (2013). The Spatial Hazard Events and Losses Database for the United States, Version 10.1 [Online Database]. Columbia, SC: University of South Carolina. Available from <http://www.sheldus.org> "

**SHELDUS event types  
classified as coastal in  
SHELDUS v10a.**

|   |
|---|
| SPRING TIDE AND INTENSE, SLOWLY MOVING OFFSHORE STORM |
| wind, rough seas, coastal flooding                    |
| WIND, FLASH FLOODING, SURF                            |
| Blizzard, Wind, Surf                                  |
| WIND STORM AND TIDES                                  |
| WIND, RAIN, HIGH TIDE                                 |
| Coastal   |
| High Wind and Shore Erosion                           |
| Proxigean Spring Tide and Heavy Rain                  |
| TIDAL AND SURF  |
| Surf, High Seas                                       |
| WIND, TIDE, RAIN                                      |
| High Wind, High Surf, Flood                           |
| high wind, rough seas                                 |
| Snow, rain, tides, wind                               |
| High Waves, Flooding                                  |
| HEAVY SEAS  |
| Wind and Tides  |
| Wind/Rain/High Tides                                  |
| Wind, High Sea  |
| Rain/Surf/Wind  |
| High Surf, Waves                                      |
| Lake Erosion  |
| WIND, RAIN SURF                                       |
| ROUGH SEAS & SURF                                     |
| High Wind and Coastal Flood                           |
| WIND, TIDE, SNOW                                      |
| Astronomical Low Tide                                 |
| CYCLONE, HIGH WIND, TIDES                             |
| Wind, Beach Erosion                                   |
| HURRICANE ERIN, RIP CURRENT                           |
| Strong Winds, High Seas                               |
| SNOW, WIND, RAIN, TIDE                                |
| WIND, RAIN AND HIGH TIDE                              |
| Coastal Storm, High Winds, High Tide                  |

The Hazards Research Lab provides data free of charge, however, we would like any use of the data to be accompanied by a citation as follows:

"Hazards & Vulnerability Research Institute (2013). The Spatial Hazard Events and Losses Database for the United States, Version 10.1 [Online Database]. Columbia, SC: University of South Carolina. Available from <http://www.sheldus.org> "

**SHELDUS event types  
classified as coastal in  
SHELDUS v10a.**

|   |
|---|
| Wind, Rough Seas  |
| WINDS & TIDALWAVE   |
| High Tide, Coastal Storm                                    |
| Coastal Flood, Heavy Surf                                   |
| Coastal Wind, High Tides                                    |
| RAIN, WIND, TIDES   |
| High Waves/Flooding   |
| HIGH WINDS AND ROUGH SEAS                                   |
| Tidal wave (seismic origin)                                 |
| HURRICANE-GENERATED SWELLS                                  |
| WINTER STORM, FLOODING, WIND, HEAVY RAIN, HEAVY SNOW, TIDES |
| Strong Wind, High Sea                                       |
| Tidal, wind, rain   |
| HEAVY SURF AND WIND   |
| WIND, HIGH TIDES, FLOODING                                  |
| WIND, RAIN, HIGH TIDES                                      |
| Wind, Sea Swell   |
| Surf  |
| Proxigean Spring Tide and High Winds                        |
| TIDE  |
| HIGH SEAS   |
| High Tides  |
| heavy surge   |
| WIND & TIDE   |
| Wind, tidal, rain   |
| TIDE AND WIND   |
| Strong windstorm accompanied by violent wave action         |
| WIND, SNOW, RAIN, SURF                                      |
| HIGH WAVES & SURF   |
| HIGH WAVES, SURF  |
| Storm Surge/Tide  |
| WIND AND RAIN AND TIDES                                     |
| WIND, SURF AND RAIN   |
| Tidal   |
| rain/wind/rough seas  |

The Hazards Research Lab provides data free of charge, however, we would like any use of the data to be accompanied by a citation as follows:

"Hazards & Vulnerability Research Institute (2013). The Spatial Hazard Events and Losses Database for the United States, Version 10.1 [Online Database]. Columbia, SC: University of South Carolina. Available from <http://www.sheldus.org> "

**SHELDUS event types  
classified as coastal in  
SHELDUS v10a.**

|  |
|--|
| Wind, high seas, and tides   |
| HIGH WAVES, TROPICAL STORM Diana   |
| Wind, Rain, Flooding, Beach Erosion  |
| MARINE ACCIDENT  |
| Wind, High Tides   |
| HEAVY WAVE   |
| wind, rough seas, rain   |
| WIND GENERATED WAVES   |
| WIND, SURF   |
| High Wave Erosion and Flooding   |
| Wind/Surf  |
| High Winds and Seas  |
| Wind, tide, rain, snow   |
| High Tides, Heavy Swells, Gale Winds   |
| High Surf  |
| UNPRECEDENTED TIDAL AND WAVE DESTRUCTION, HIGH WINDS, HEAVY RAINS AND EXTENSIVE TIDAL FLOODING |
| Wind, High Tides, Beach Erosion  |
| WIND, THUNDERSTORMS, LAKE SHORE FLOODING & EROSION   |
| Beach erosion  |
| Gale winds, high tides, heavy rain   |
| HEAVY SURF, COASTAL FLOODING   |
| swell  |
| Tidal wave   |
| Strong Wind, High Seas   |
| RIP CURRENT  |
| Wind, waves and high tides   |
| WIND, HIGH TIDE, THAW  |
| Erosion (coastal), Flood   |
| Wind, Coastal Storm, High Tides  |
| WIND, RAIN, FLOODS, SURF, AND THUNDERSTORMS  |
| LOCAL FLOODS, AND MUD SLIDES, STORM TIDE   |
| HEAVY SURF/HIGH SURF   |
| Wave/Wind  |
| WIND AND TIDE  |

The Hazards Research Lab provides data free of charge, however, we would like any use of the data to be accompanied by a citation as follows:

"Hazards & Vulnerability Research Institute (2013). The Spatial Hazard Events and Losses Database for the United States, Version 10.1 [Online Database]. Columbia, SC: University of South Carolina. Available from <http://www.sheldus.org> "

**SHELDUS event types  
classified as coastal in  
SHELDUS v10a.**

|  |
|--|
| RIP CURRENTS                                       |
| WIND, HIGH TIDE                                    |
| RAIN & HEAVY SURF                                  |
| HIGH WINDS AND HIGH SEAS                           |
| storm tides, torrential rains, windstorms, tornado |
| HIGH TIDES, BEACH EROSION                          |
| HIGH WINDS, SEAS                                   |
| RAIN, WIND, TIDE                                   |
| strong wind, rough seas                            |
| HEAVY SURF   |
| WIND, WAVES, ICING                                 |
| High Winds and Tides                               |
| Wind, tidal  |
| WIND, RAIN, TIDES                                  |
| High Wind and Lakeshore Erosion                    |
| Flooding, Beach Erosion                            |
| Winter Coastal Storm, Wind, High Tide, Storm Surge |
| HIGH TIDE - COASTAL STORM                          |
| RIP CURRENTS, HEAVY SURF                           |
| SNOW, ICING, TIDAL                                 |
| WIND & HIGH TIDES                                  |
| SNOW, WIND, STORM TIDES                            |
| WIND, WAVES  |
| HURRICANE, HIGH TIDES AND WIND                     |
| WIND, TIDES, WAVES                                 |
| extra tropical coastal stormtide and wave action   |
| WIND AND WAVE                                      |
| Tidal, Wind  |
| Lakeshore Erosion                                  |
| FLOODING, EROSION, LIGHTNING                       |
| Rain, wind, surf                                   |
| WIND, RAIN, TIDE                                   |
| WIND, TIDE   |
| NCDC_High Surf                                     |
| NCDC_Rip Current                                   |

The Hazards Research Lab provides data free of charge, however, we would like any use of the data to be accompanied by a citation as follows:

"Hazards & Vulnerability Research Institute (2013). The Spatial Hazard Events and Losses Database for the United States, Version 10.1 [Online Database]. Columbia, SC: University of South Carolina. Available from <http://www.sheldus.org> "

**SHELDUS event types  
classified as coastal in  
SHELDUS v10a.**

|   |
|---|
| Heavy Swell                                 |
| Flash Flooding, High Surf                   |
| coastal flooding, beach erosion             |
| Lakeshore Flood, Erosion                    |
| Winds, waves                                |
| High Winds, High Tide                       |
| Lake shore flood and erosion                |
| STRONG WIND, ROUGH SEAES                    |
| Windstorm and rough sea                     |
| High tides, wind, and rain                  |
| WIND, SURF, RAIN                            |
| Windstorm and rouch sea                     |
| Storm tides, wind, rain                     |
| WIND, HIGH SEAS                             |
| Wind, storm tide                            |
| Wind, tides, rain                           |
| Windstorm and high tide                     |
| WINDSTORM ACCOMPANIED BY STRONG WAVE ACTION |
| Snow, tidal                                 |
| wind and high seas                          |
| Wind, Rain, High Tides, Snow                |
| BLIZZARD, WIND,SURF                         |
| Wind, rain, surf                            |
| heavy rain, wind, high tides                |
| Snow, strong winds, high tides              |
| Snow, wind, tide                            |
| SNOW,RAIN,WIND,TIDE                         |

The Hazards Research Lab provides data free of charge, however, we would like any use of the data to be accompanied by a citation as follows:

"Hazards & Vulnerability Research Institute (2013). The Spatial Hazard Events and Losses Database for the United States, Version 10.1 [Online Database]. Columbia, SC: University of South Carolina. Available from <http://www.sheldus.org> "