Beaufort County Weekly Operations Briefing November 21, 2018 thru November 29, 2018











Beaufort County Weekly Operations Briefing Disclaimer

This weekly briefing is provided by the Beaufort County Sheriff's Office Emergency Management Division every Friday. This information is gathered from Open Sources and can be disseminated freely.



This Day in History

www.history.com

Britannic Sinks In Aegean Sea



- The *Britannic*, sister ship to the *Titanic*, sinks in the Aegean Sea on this day in 1916, killing 30 people. More than 1,000 others were rescued.
- In the wake of the *Titanic* disaster on April 14, 1912, the White Star Line made several modifications in the construction of its already-planned sister ship. First, the name was changed from *Gigantic* to *Britannic* (probably because it seemed more humble) and the design of the hull was altered to make it less vulnerable to icebergs. In addition, it was mandated that there be enough lifeboats on board to accommodate all passengers, which had not been the case with the *Titanic*.
- The nearly 50,000-ton luxury vessel, the largest in the world, was launched in 1914, but was requisitioned soon afterward by the British government to serve as a hospital ship during World War 1. In this capacity, Captain Charlie Bartlett led the *Britannic* on five successful voyages bringing wounded British troops back to England from various ports around the world.

This Day in History

www.history.com

- On November 21, the *Britannic* was on its way to pick up more wounded soldiers near the Gulf of Athens, when at 8:12 a.m., a violent explosion rocked the ship. Captain Bartlett ordered the closure of the watertight doors and sent out a distress signal. However, the blast had already managed to flood six whole compartments—even more extensive damage than that which had sunk the *Titanic*. Still, the *Britannic* had been prepared for such a disaster and would have stayed afloat except for two critical matters.
- First, Captain Bartlett decided to try to run the *Britannic* aground on the nearby island of Kea. This might have been successful, but, earlier, the ship's nursing staff had opened the portholes to air out the sick wards. Water poured in through the portholes as the *Britannic* headed toward Kea. Second, the disaster was compounded when some of the crew attempted to launch lifeboats without orders. Since the ship was still moving as fast as it could, the boats were sucked into the propellers, killing those on board.
- Less than 30 minutes later, Bartlett realized that the ship was going to sink and ordered it abandoned. The lifeboats were launched and even though the *Britannic* sank at 9:07, less than an hour after the explosion, nearly 1,100 people managed to make it off the ship. In fact, most of the 30 people who died were in the prematurely launched lifeboats. In 1976, famed ocean explorer Jacques Cousteau found the *Britannic* lying on its side 400 feet below the surface of the Aegean. The cause of the explosion remains unknown, but many believe that the *Britannic* hit a mine.

Upcoming Events

• 11/22/18	Turkey Trot 5K	Beaufort
• 11/29/18	Farmers Market	Bluffton
• 11/30/18	Tree Lighting Ceremony	Bluffton
• 12/01/18	Christmas Parade	Bluffton
• 12/02/18	Snow Day	Beaufort
• 12/02/18	Festival of Trees	Beaufort
• 12/06/18	Celebration of Giving Gala	Beaufort
• 12/08/18	Night on the Town	Beaufort
• 12/08/18	Light up the Night Boat Parade	Beaufort
• 12/08/18	Taste of Gullah Christmas Buffet	Beaufort
• 12/09/18	Christmas Parade	Beaufort
• 12/15/18	Wreaths Across America	Beaufort

Emergency Management Readiness Status

• EOC Green

ICV
 Green

COMSAT Trailer Green

Charging Trailer Green

Logistics Truck
 Green

Roadside Assistance Truck Green

HAR Beacons Green

HAR System Green

Traffic Cameras Green

Mobile Cameras Green

• DMS Boards (x6) Green

• AVL Green

• 150K Generators (x2) Green

Portable Light Towers (x2)

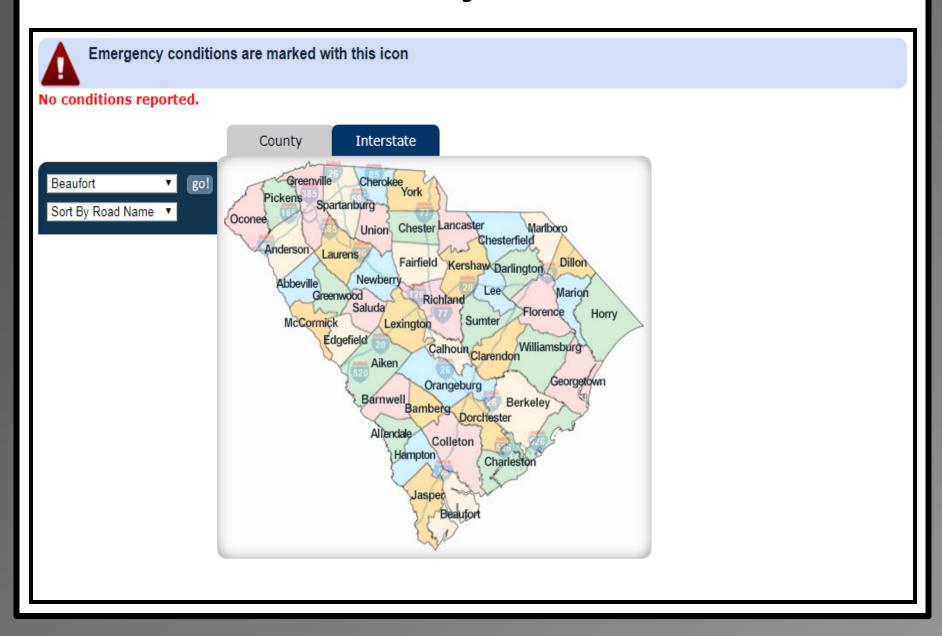
Portable HAR (x2)
 Green

• BROC Green

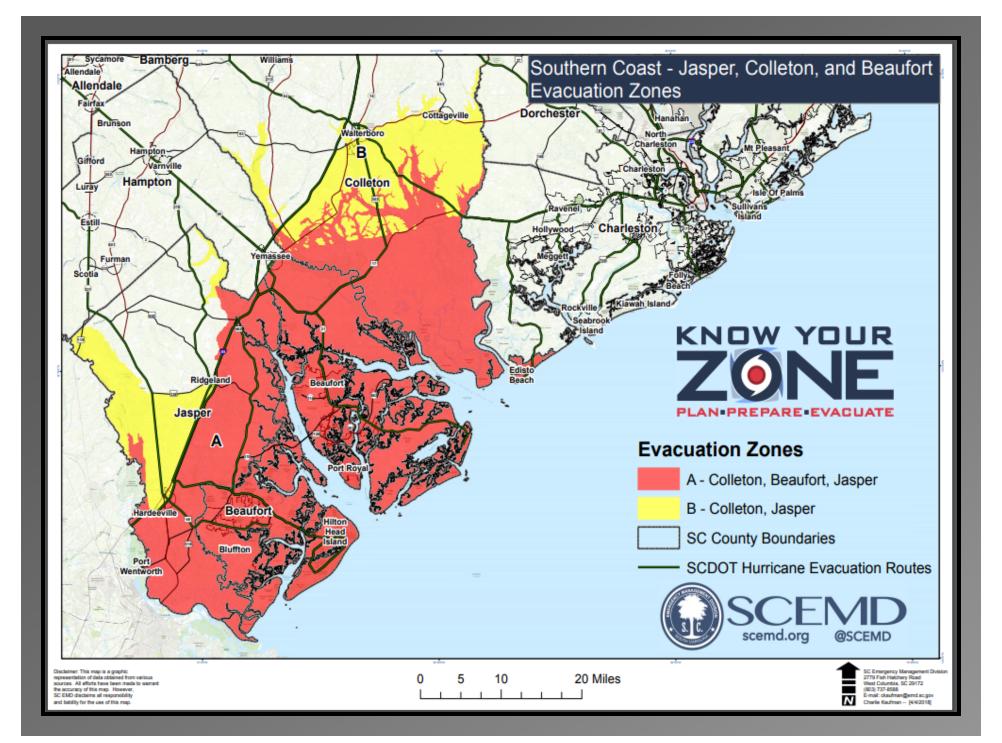
• Air- 1 Green

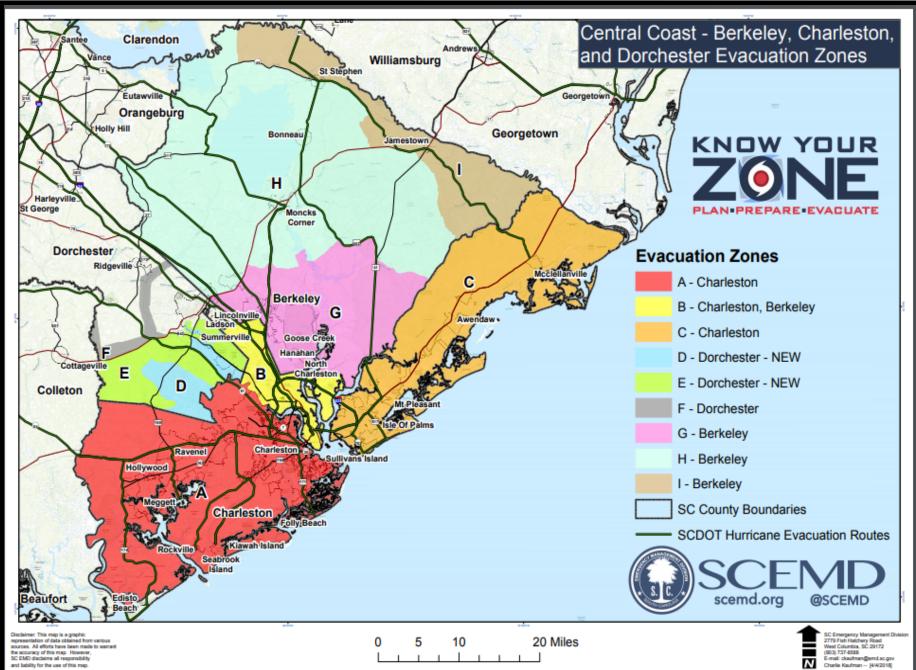
• Air -2 Green

Beaufort County Road Conditions

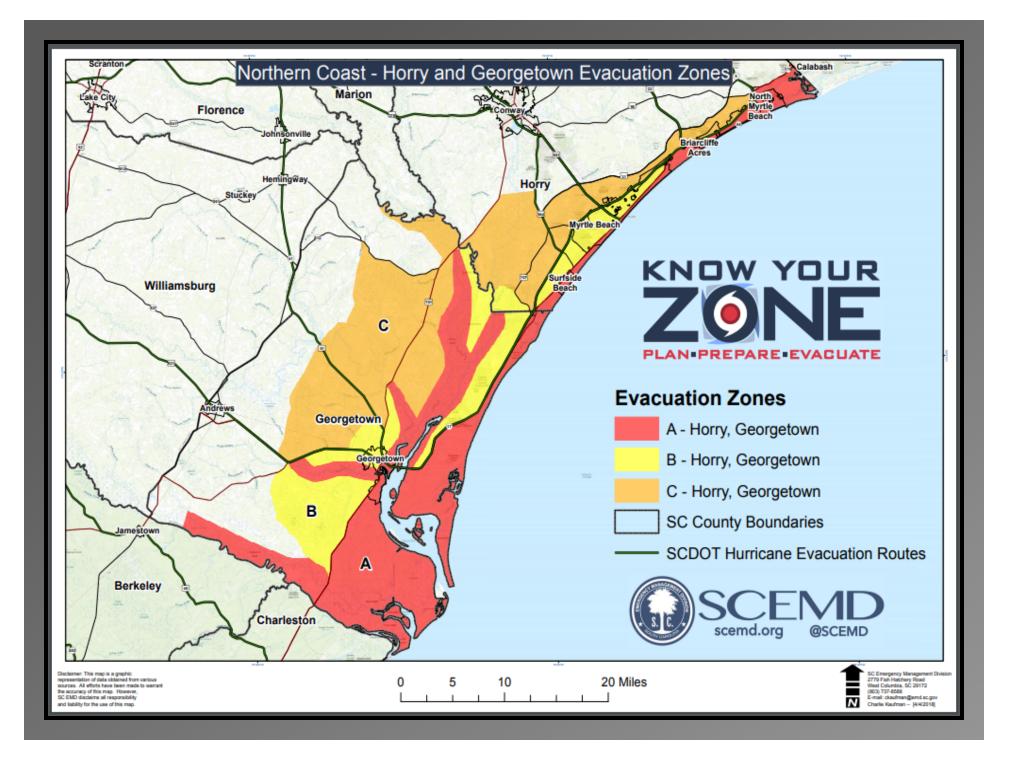


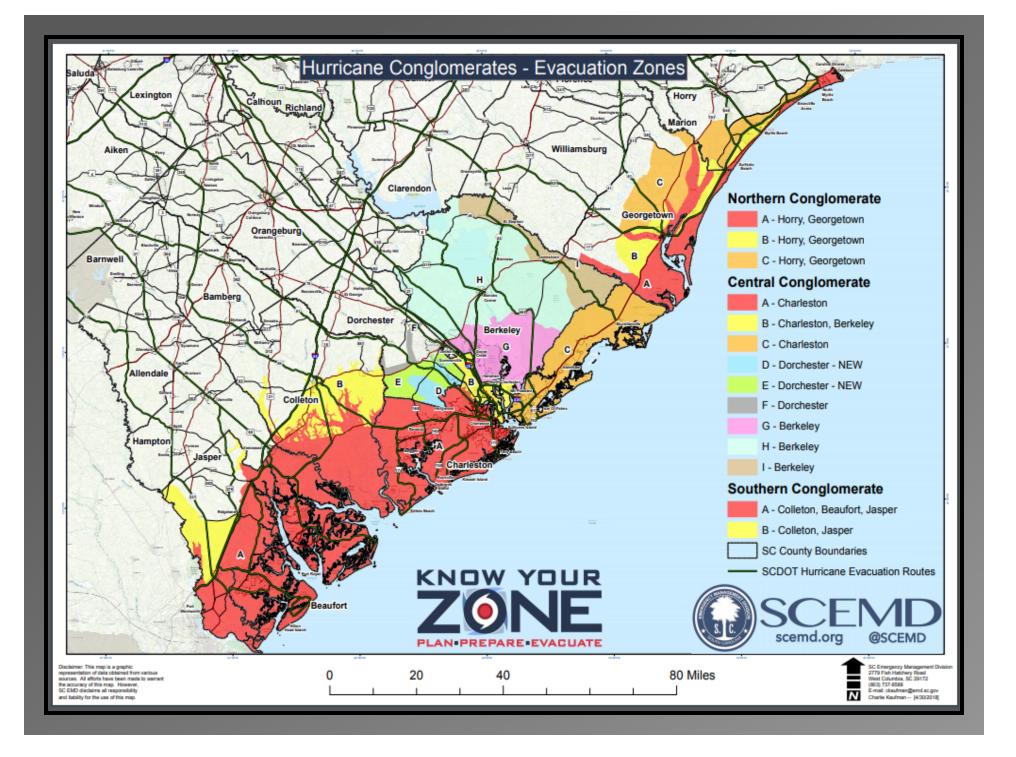






2779 Fish Hatchery Road West Columbia, SC 29172 (803) 737-8588 E-mail: cksufman@emd.sc.gov Charlie Kaufman — [4/4/2018]





SOUTH CAROLINA

HURRIGANE GUIDE

PREPARATION TIPS EVACUATION MAPS RETURNING HOME



MAKE IT PERSONAL

THIS GUIDE IS VALID FROM JUNE I UNTIL NOVEMBER 30, 20 18

http://scemd.org/stay-informed/publications/hurricane-guide/

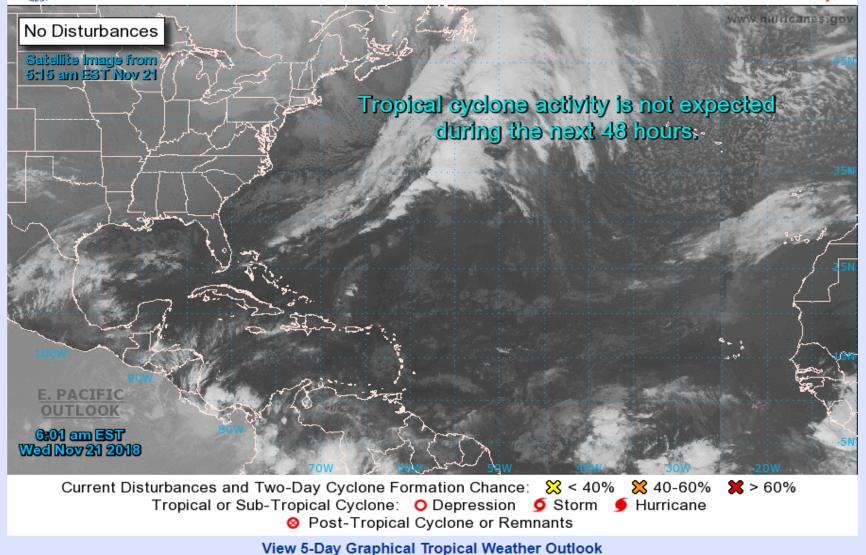
Disturbances: None



Two-Day Graphical Tropical Weather Outlook





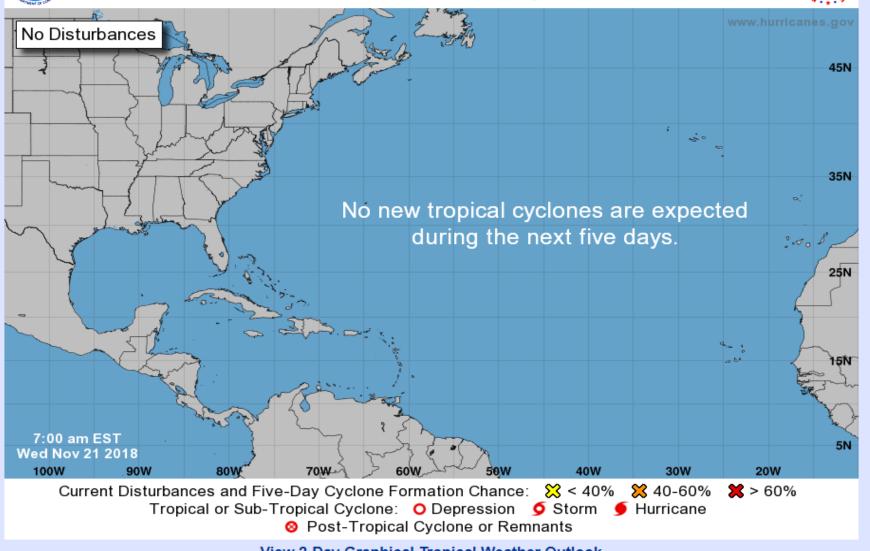


Disturbances: None



Five-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida

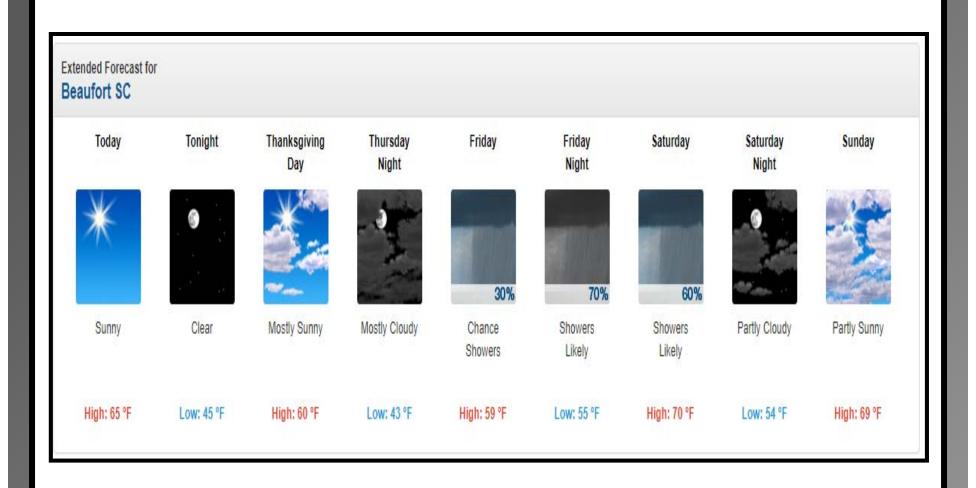


View 2-Day Graphical Tropical Weather Outlook

Detailed Weather Forecast

Detailed Forecast						
Today	Sunny, with a high near 65. North wind around 8 mph.					
Tonight	Clear, with a low around 45. North wind 5 to 7 mph.					
Thanksgiving Day	Mostly sunny, with a high near 60. Northeast wind around 11 mph.					
Thursday Night	Mostly cloudy, with a low around 43. Northeast wind 9 to 14 mph.					
Friday	A chance of showers. Partly sunny, with a high near 59. Northeast wind 13 to 15 mph. Chance of precipitation is 30%.					
Friday Night	Showers likely. Cloudy, with a low around 55. Chance of precipitation is 70%. New precipitation amounts between a half and three quarters of an inch possible.					
Saturday	Showers likely. Mostly cloudy, with a high near 70. Chance of precipitation is 60%.					
Saturday Night	Partly cloudy, with a low around 54.					
Sunday	Partly sunny, with a high near 69.					
Sunday Night	A chance of showers. Mostly cloudy, with a low around 54. Chance of precipitation is 40%.					
Monday	Mostly sunny, with a high near 65.					
Monday Night	Partly cloudy, with a low around 45.					
Tuesday	Mostly sunny, with a high near 58.					

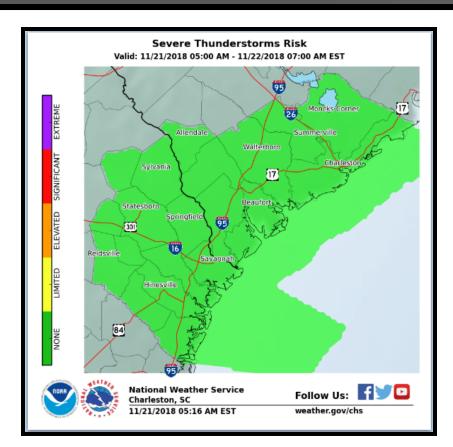
Extended Weather Forecast

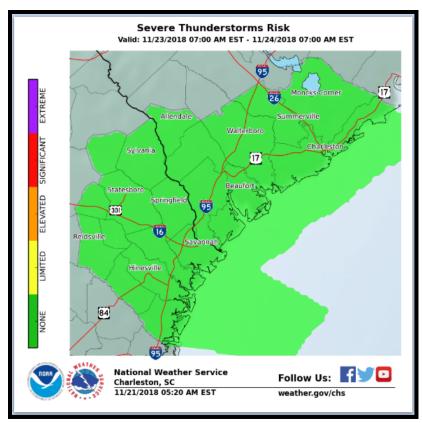


Today's Forecast Tomorrow's Forecast Day 3 Forecast Wednesday Nov 21, 2018 Friday Nov 23, 2018 Thursday Nov 22, 2018 Available Image Formats English: GIF PDF* Español: GIF PDF* Day 1 National Forecast Chart
Valid Wed, Nov 21, 2018, issued 4:57 AM EST
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Mcreynolds with WPC/SPC/NHC forecasts Severe T'Storms Possible (hatcher Freezing Rain Possible (hatched) Heavy Snow Possible (hatched) Rain and T'Storms
Rain and Snow Snow

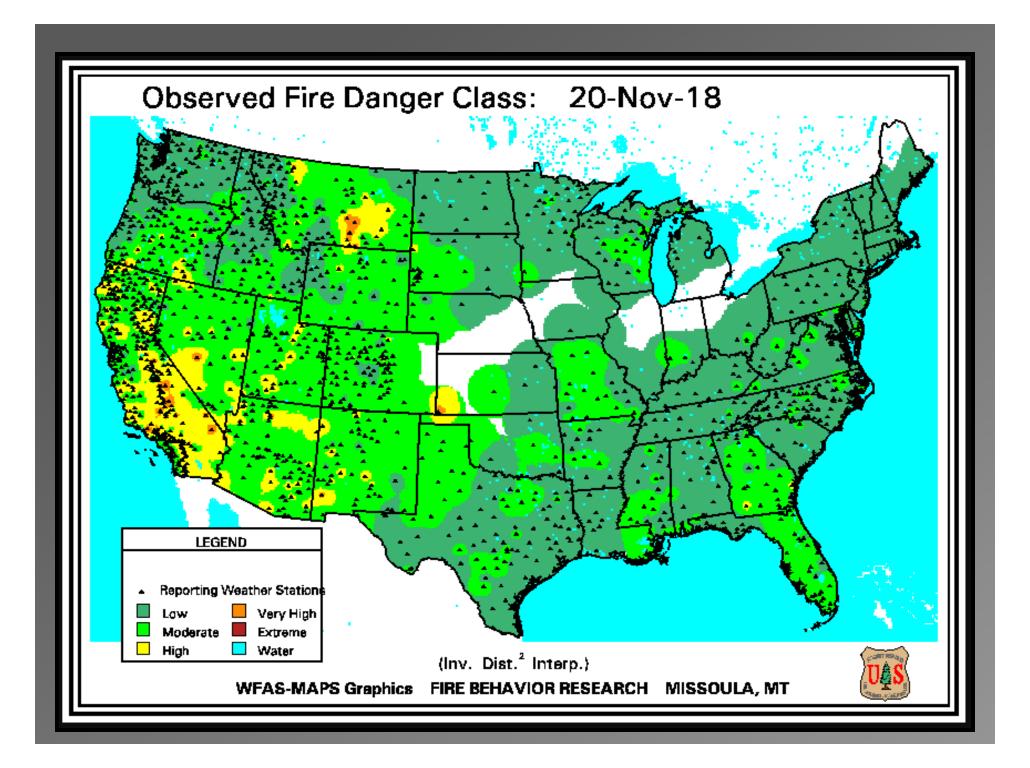
Today's Forecast Tomorrow's Forecast Day 3 Forecast Wednesday Nov 21, 2018 Thursday Nov 22, 2018 Friday Nov 23, 2018 **Available Image Formats** English: GIF PDF* Español: GIF PDF* Day 2 National Forecast Chart
Valid Thu, Nov 22, 2018, issued 4:48 AM EST Wed, Nov 21, 2018
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Mcreynolds with WPC/SPC/NHC forecasts Rain Severe T'Storms Possible (hatched) Freezing Rain Possible (hatched) Heavy Snow Possible (hatched) Rain and T'Storms
Rain and Snow Snow

Today's Forecast Tomorrow's Forecast Day 3 Forecast Wednesday Nov 21, 2018 Thursday Nov 22, 2018 Friday Nov 23, 2018 Available Image Formats English: GIF PDF* Español: GIF PDF* Day 3 National Forecast Chart
Valid Fri, Nov 23, 2018, issued 4:51 AM EST Wed, Nov 21, 2018
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Mcreynolds with WPC/SPC/NHC forecasts Rain and T'Storms
Rain and Snow Severe T'Storms Possible (hatcher Freezing Rain Possible (hatched) Heavy Snow Possible (hatched) Snow





ightning Legend	Lightning Safety Tips
Risk Level	Definition Definition
None	No lightning risk
Limited	Thunderstorms expected to be <u>isolated to scattered</u> in coverage. Atmospheric conditions support cloud to ground lightning strikes in and near thunderstorms. Be aware for thunderstorms in your area.
Elevated	Thunderstorms expected to be <u>numerous</u> in coverage. Atmospheric conditions support cloud to ground lightning strikes in and near thunderstorms. Be prepared to take immediate shelter from thunderstorms and lightning.
Significant	<u>Widespread</u> thunderstorms are expected. Atmospheric conditions support cloud to ground lightning strikes in and near thunderstorms. Plan to take immediate shelter from thunderstorms and lightning.
Extreme	Thunderstorms are expected with <u>nearly continuous</u> cloud to ground lightning strikes in and near thunderstorms. Plan to stop all outdoor activity and move to shelters. Remain in shelters until all danger of wind and lightning has passed.



Southern Beaufort County Tides

Tides for Pinckney Island, Mackay Creek, Chechessee River starting with November 21, 2018.

Day		High /Low	Tide Time	Height Feet	Sunrise Sunset	Moon	Time	% Moon Visible
W	21 21 21	Low High Low	12:31 AM 6:45 AM 1:03 PM	0.0 8.2 0.3	6:58 AM 5:20 PM	Set Rise		92
	21	High	7:10 PM	7.5				
Th	22	Low	1:18 AM	-0.3	6:59 AM	Set		97
	22	High	7:30 AM	8.6	5:20 PM	Rise	5:18 PM	
	22	Low	1:52 PM	0.0				
	22	High	7:54 PM	7.6				
F	23	Low	2:04 AM	-0.5	7:00 AM	Set	7:11 AM	99
	23	High	8:14 AM	8.8	5:19 PM	Rise	6:04 PM	
	23	Low	2:40 PM	-0.2				
	23	High	8:38 PM	7.6				
Sa	24	Low	2:51 AM	-0.5	7:00 AM	Set	8:16 AM	99
	24	High	8:59 AM	8.9	5:19 PM	Rise	6:56 PM	
	24	Low	3:28 PM	-0.3				
	24	High	9:24 PM	7.6				
Su	25	Low	3:39 AM	-0.6	7:01 AM	Set		96
	25	High	9:47 AM	8.9	5:19 PM	Rise	7:53 PM	
	25	Low	4:16 PM	-0.3				
	25	High	10:14 PM	7.4				
M	26	Low	4:28 AM	-0.5	7:02 AM		10:21 AM	91
	26	High	10:39 AM	8.7	5:19 PM	Rise	8:56 PM	
	26	Low	5:06 PM	-0.2				
	26	High	11:10 PM	7.3				
Tu	27	Low	5:19 AM	-0.4	7:03 AM		11:16 AM	84
	27	High	11:36 AM	8.5	5:18 PM	Rise	10:01 PM	
	27	Low	5:59 PM	0.0				
W	28	High	12:11 AM	7.2	7:04 AM		12:05 PM	74
	28	Low	6:15 AM	-0.1	5:18 PM	Rise	11:07 PM	
	28	High	12:37 PM	8.2				
	28	Low	6:55 PM	0.2				
Th	29	High	1:15 AM	7.1	7:05 AM	Set	12:48 PM	63
	29	Low	7:16 AM	0.2	5:18 PM			
	29	High	1:39 PM	8.0				
	29	Low	7:56 PM	0.3				

Northern Beaufort County Tides

Tides for Beaufort starting with November 21, 2018.									
Day		High /Low	Tide Time	Height Feet	Sunrise Sunset	Moon	Time	% Moon Visible	
W	21 21 21 21	Low High Low High	12:57 AM 7:18 AM 1:29 PM 7:43 PM	0.0 8.5 0.3 7.7	6:58 AM 5:19 PM	Set Rise			
Th	22 22 22 22	Low High Low High	1:44 AM 8:03 AM 2:18 PM 8:27 PM	-0.3 8.9 0.0 7.8	6:59 AM 5:19 PM	Set Rise			
F	23 23 23 23	Low High Low High	2:30 AM 8:47 AM 3:06 PM 9:11 PM	-0.5 9.1 -0.2 7.8	7:00 AM 5:19 PM	Set Rise			
Sa	24 24 24 24	Low High Low High	3:17 AM 9:32 AM 3:54 PM 9:57 PM	-0.6 9.2 -0.3 7.8	7:00 AM 5:18 PM	Set Rise			
Su	25 25 25 25	Low High Low High	4:05 AM 10:20 AM 4:42 PM 10:47 PM	-0.7 9.2 -0.3 7.6	7:01 AM 5:18 PM	Set Rise			
М	26 26 26 26	Low High Low High	4:54 AM 11:12 AM 5:32 PM 11:43 PM	-0.6 9.0 -0.2 7.5	7:02 AM 5:18 PM	Set Rise	10:21 AM 8:55 PM		
Tu	27 27 27	Low High Low	5:45 AM 12:09 PM 6:25 PM	-0.4 8.8 0.0	7:03 AM 5:18 PM		11:16 AM 10:01 PM		
₩	28 28 28 28	High Low High Low	12:44 AM 6:41 AM 1:10 PM 7:21 PM	7.4 -0.1 8.5 0.2	7:04 AM 5:18 PM		12:05 PM 11:07 PM		
Th	29 29 29 29	High Low High Low	1:48 AM 7:42 AM 2:12 PM 8:22 PM	7.3 0.2 8.2 0.3	7:05 AM 5:17 PM	Set	12:48 PM	63	



A total of 128 individual King Tides (≥ 6.6' above mean lower low water (MLLW)) were observed in 2017, while 35 events were predicted. Observed inundation time from King Tides totaled 249 hours. The maximum water level reached for the year occurred during Tropical Storm Irma on September 11 at 1:18 p.m. when the Charleston Harbor Tide Station registered waters at 9.92' above MLLW. This is the third highest water level recorded at this tide station since data collection began in 1899.

2018 Predicted King Tides

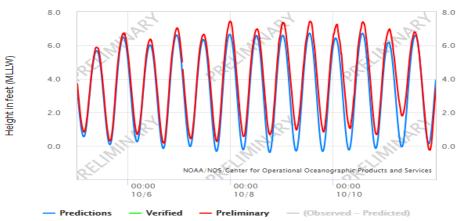
- January 1-4
- May 15-17
- June 12-16
- July 11-15
- August 9-13
- September 6-10
- October 6-11
- November 6-8
- November 23-26
- December 23-24

DATE	AM/PM	KING TIDE PREDICTED?	KING TIDE OBSERVED?	PREDICTED WATER LEVEL	OBSERVED WATER LEVEL	DIFFERENCE
October 5	PM	No	Yes	6.5	6.7	0.2
October 6	PM	Yes	Yes	6.6	7	0.4
October 7	AM	No	Yes	6.4	6.7	0.3
October 7	PM	Yes	Yes	6.7	7.4	0.7
October 8	AM	Yes	Yes	6.6	7	0.4
October 8	PM	Yes	Yes	6.6	7.4	0.8
October 9	AM	Yes	Yes	6.7	7.4	0.7
October 9	PM	No	Yes	6.4	7.3	0.9
October 10	АМ	Yes	Yes	6.7	7.4	0.7
October 10	РМ	No	Yes	6.2	7	0.8
October 11	АМ	Yes	Yes	6.6	6.8	0.2

₩ Summary of October 2018 South Carolina King Tides

Highest Predicted Tide: 6.7' ☐ Highest Observed Tide: 7.4' ⑤ Predicted King Tides: 7 ☐ Observed King Tides: 11 ⑥

NOAA/NOS/CO-OPS Observed Water Levels at 8665530, Charleston, Cooper River Entrance SC From 2018/10/05 00:00 GMT to 2018/10/11 23:59 GMT



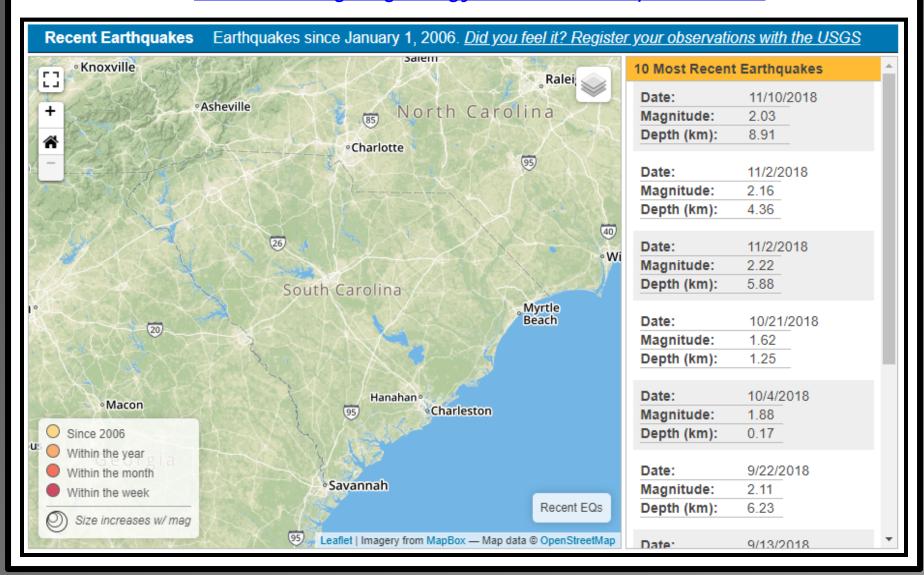




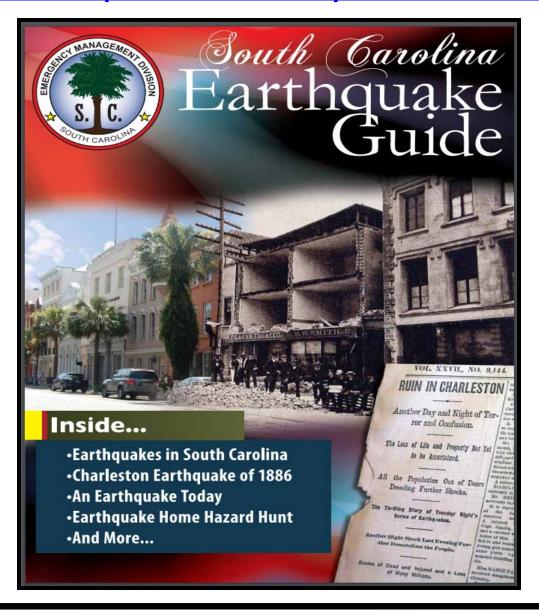


South Carolina Earthquakes within the Week

www.dnr.sc.gov/geology/RecentEarthquakes.htm

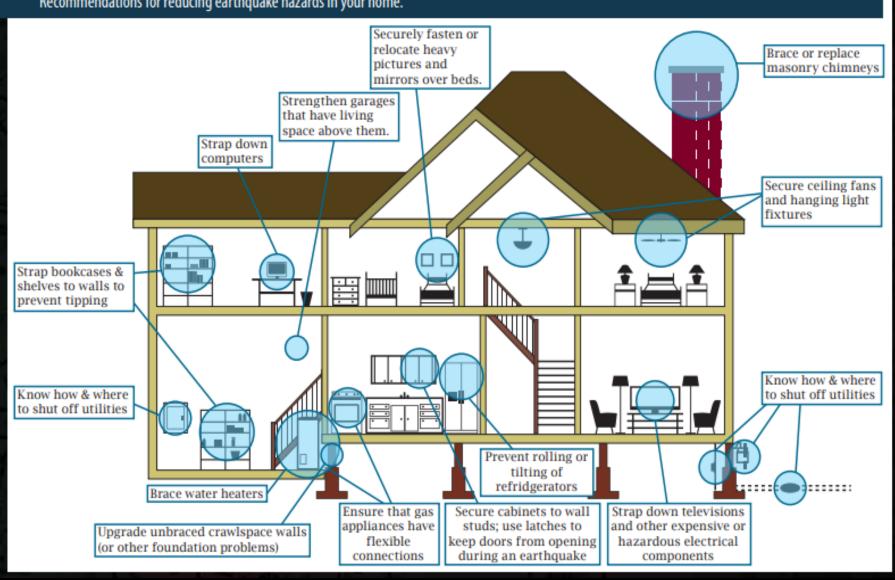


http://scearthquakes.cofc.edu/pdf/EQGuide2012.pdf

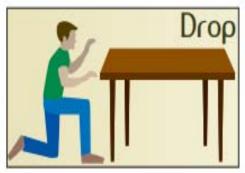


Earthquake Home Hazard Hunt

Recommendations for reducing earthquake hazards in your home.

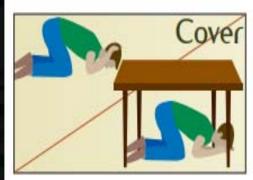


When the Ground Moves



DROP down on the floor:

Take **COVER** under a sturdy desk, table or other furniture. If that is not possible, seek cover against an interior wall and protect your head and neck with your arms. Avoid danger spots near windows, hanging objects, mirrors, or tall furniture.





If you take cover under a sturdy piece of furniture, **HOLD** on to it and be prepared to move with it. Hold the position until the ground stops shaking and it is safe to move.

Tips

When in a **HIGH-RISE BUILDING**, move against an interior wall if you are not near a desk or table. Protect your head and neck with your arms. Do not use the elevators.

When OUTDOORS, move to a clear area away from trees, signs, buildings, or downed electrical wires and poles.

When on a **SIDEWALK NEAR BUILDINGS**, duck into a doorway to protect yourself from falling bricks, glass, plaster and other debris.

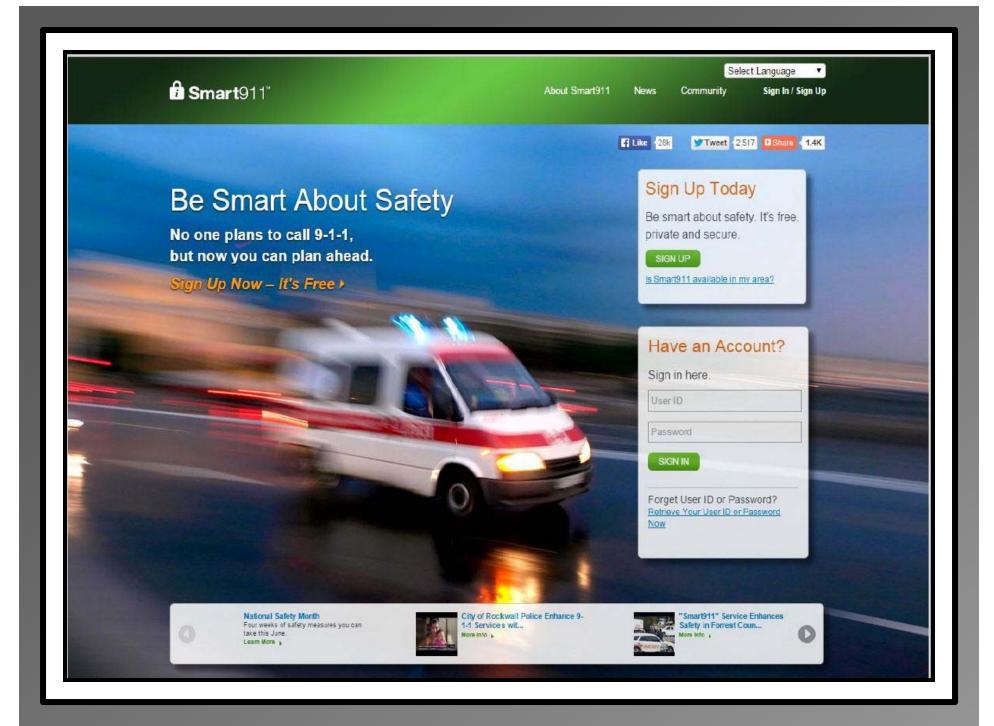
When **DRIVING**, pull over to the side of the road and stop. Avoid overpasses and power lines. Stay inside your vehicle until the shaking stops.

When in a **CROWDED STORE OR OTHER PUBLIC PLACE**, move away from display shelves containing objects that could fall. Do not rush for the exit.

When in a **STADIUM OR THEATER**, stay in your seat, get below the level of the back of the seat and cover your head and neck with your arms.

SMART 911 Now Active in Beaufort County

Smart-911 is a web based database that allows citizens to preload vital information into a secure database. When the citizen then dials 911, the database automatically provides the 911 operator with the information the caller has preloaded. This can include information from pictures of the home to medicines the caller and/or victim is taking. This information is only available to the dispatcher during the time of the call. Success stories around the country include missing Alzheimer's patients where a picture was included in the Smart 911 database. The 911 operator was immediately provided the responders with a current picture of the victim which results in a quick location of the victim. Sign up is free, voluntary and customizable by the caller.



Check Out Our New App!



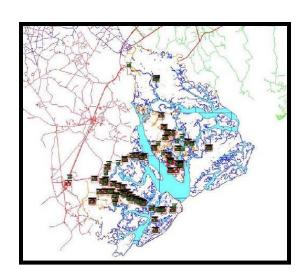
The Beaufort County Sheriff's Office Emergency Management Division has just released its very own app. This app allows you to make and update your plan for emergencies, provides you with information for hazardous weather, what to pack in case of an emergency and so much more! Within the app, is an EvacMap & Shelters icon that will show you where the Hospitals, Fire Stations, EMS Stations, Law Enforcement Stations and even Emergency Shelters are located. This map also allows you to see the storm surge zones for Beaufort County and most importantly, the evacuation routes to follow in case of an evacuation.

Download it today for FREE in the Apple App Store for IPhone and Android Users

Beaufort County Emergency Management App

- A live view of all traffic cameras in Beaufort County are now available and can be viewed on the Emergency Management App.
- These cameras can be selected from the layer menu located in the top left corner.







REPORT SUSPICIOUS ACTIVITY to local authorities.

Call 877-OHS-INTEL (877-647-4683)



Have a Safe Week!

Beaufort County Sheriff's Office Emergency Management Division 843-255-4000

MISSION

The mission of the Beaufort County Sheriff's Office Emergency Management Division is to protect lives and property from the threat of all types of major emergencies and disasters, both natural and manmade through preparation, planning and training.

Follow us on Twitter for up to the minute Traffic and Weather Info! https://twitter.com/bcsotraffic