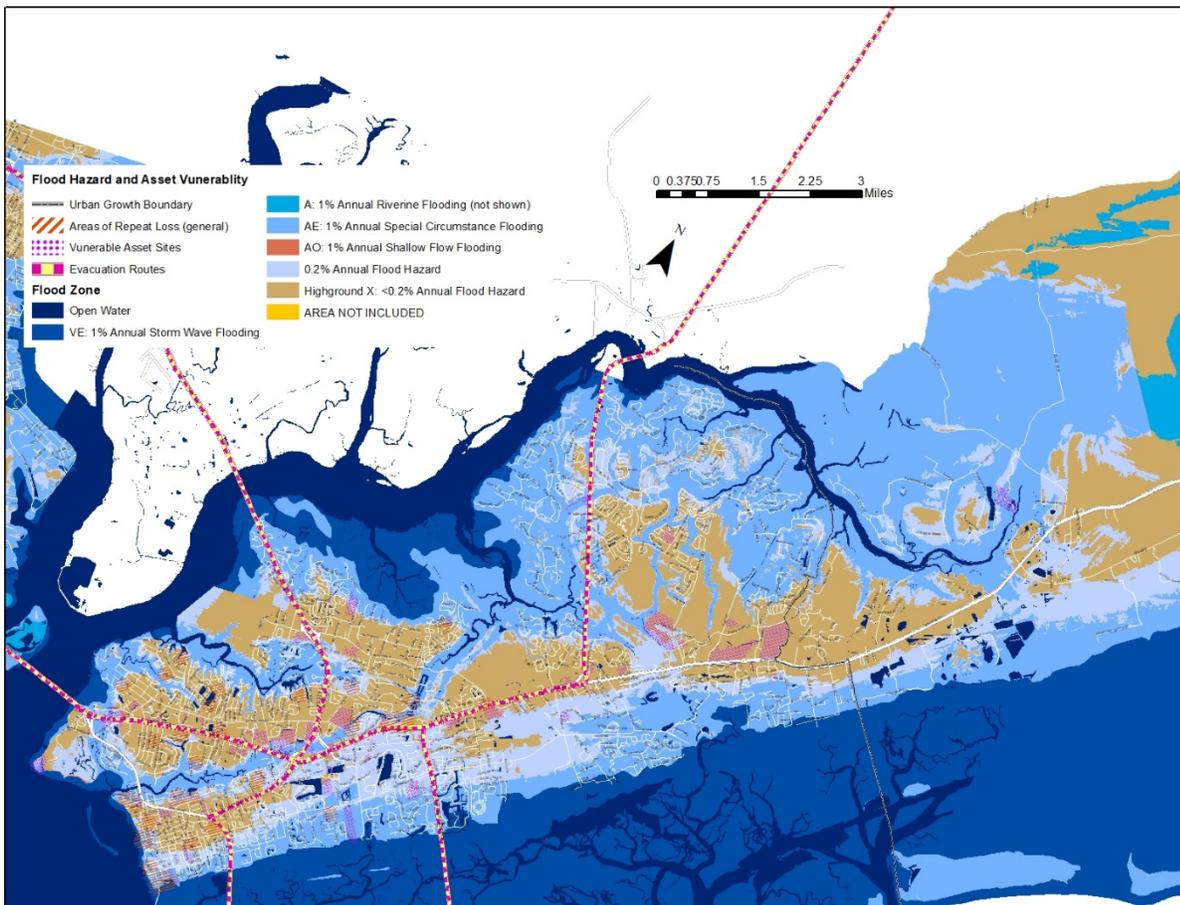


## Community Character

Ultimately, the various goals and recommendations of this Plan will have an impact on land uses and ways in which future development takes place in the Town. To begin to understand the implications of this, it is important to be aware of the current state of the Town and its resources to see how everything works together. In the Comprehensive Plan, we discuss the area’s working parts as either Network Plans or District Plans. The Network Plans are thematic; the District Plans are geographic.



### ❖ Hazard Profile

With this Plan, there has been a great deal of interest and concern regarding long-term preparedness and resilience in many aspects of Town life. The first-time inclusion of a Hazard Profile in this Plan is a result of that concern. Areas with vulnerability to known hazards (primarily stormwater) have been identified and mapped to aid in preparation of emergency plans. The recommendation to develop resilience strategies is yet another way in which this Plan is working to establish plans proactively to be prepared for the inevitable changes that the future may bring.

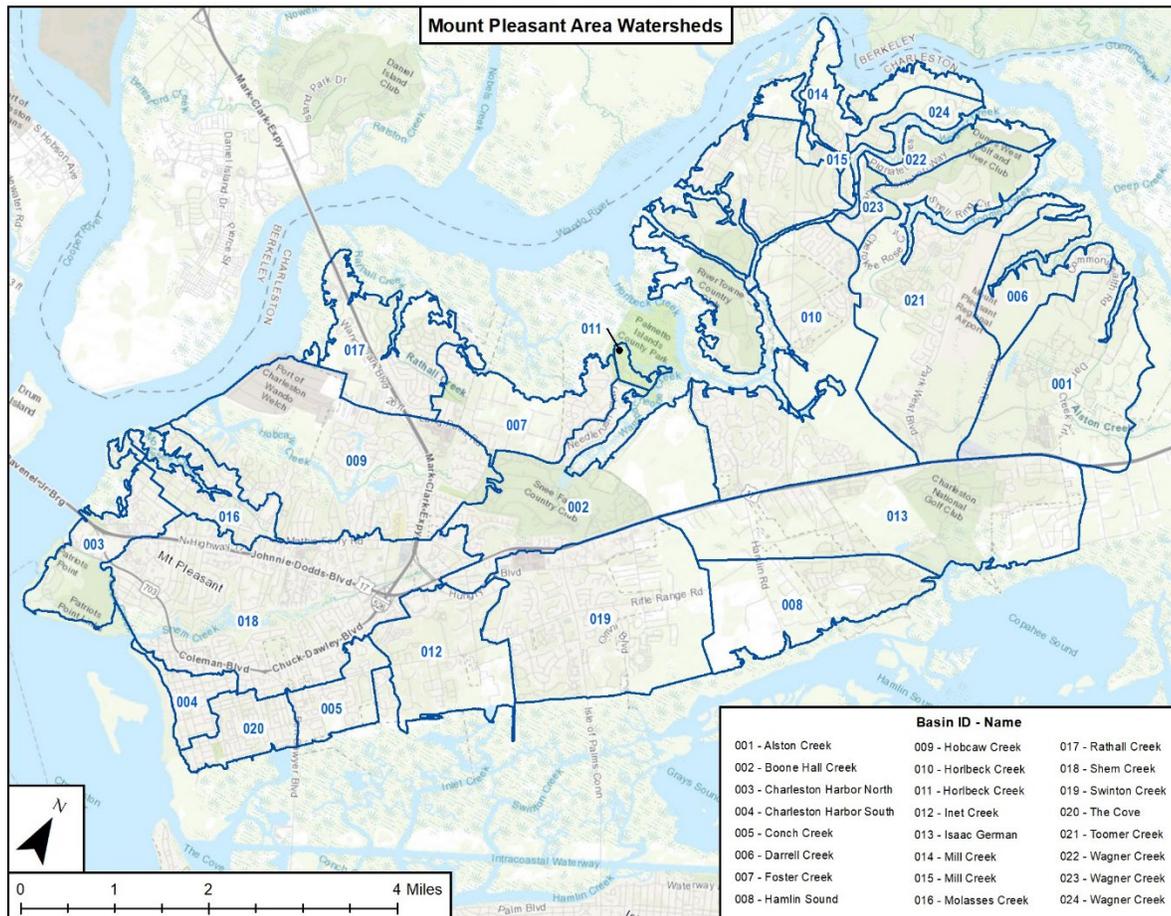
# COMP PLAN STEP-A-DAY “HAZARD PROFILE AND WATER MANAGEMENT”

## Recommendations

1. Evaluate and assess the Town’s vulnerability to hazards.
2. Develop and institutionalize a resilience strategy that specifies Preparedness, Mitigation, Response & Recovery requirements, to reduce vulnerability and increase capacity at every level of Town government.
3. Effectively communicate and coordinate internally with staff and decision makers, and externally with partners and the community at large.
4. Proactively plan for evacuation and recovery efforts, particularly in flood hazard areas.
5. Consider opportunities to address repetitive loss flooding problems by purchasing the properties for storm water mitigation programs, in coordination with ongoing watershed basin planning.
6. Incorporate risk reduction and adaptation strategies into the built environment.

DRAFT COMPREHENSIVE PLAN REFERENCE P. 104 (P. 5-10)

<https://www.tompsc.com/DocumentCenter/View/29786/TCDraftPlanReduced>



## COMP PLAN STEP-A-DAY “HAZARD PROFILE AND WATER MANAGEMENT”

### ❖ *Water Management Network*

Recent concerns about stormwater management and sea level rise prompted the inclusion of this network in the new Plan. The Town has had a focus on stormwater management since 1996 but increasing interest in planning for resilience has drawn attention to this program. The two components of this water management network relate to drainage and flooding conditions, along with water quality concerns. The Plan recommends better coordination with other local entities, as well as possible improvements to regulations and design criteria to best manage the functionality of the overall drainage system.

### Recommendations

1. Investigate opportunities to improve water quality in waters of the State through refined land use regulations, encouragement of green infrastructure principles, and environmentally sound practices.
2. Improve inter-departmental coordination for better stormwater management, land developmental oversight, and service to Town citizens.
3. Coordinate with Charleston County, DHEC, ACoE and other local entities to better manage stormwater runoff.
4. Evaluate the Town’s vulnerability to sea level rise and changes in rainfall patterns, and revise stormwater design standards as appropriate.
5. Correct existing flooding and water quality problems to the greatest extent practical; where repetitive flood losses occur, however, consider implementation of a buy-out program to prevent ongoing losses.
6. Consider improved stormwater and water quality standards, to include low impact development and other technological advances, town wide or on a watershed basis.
7. Ensure Capital Improvement Projects manage and treat stormwater runoff to the maximum extent practical.
8. Consider prioritizing treatment of ALL point-source discharges to improve local water quality.

**DRAFT COMPREHENSIVE PLAN REFERENCE: P. 107 (P. 5-13)**

<https://www.tompsc.com/DocumentCenter/View/29786/TCDraftPlanReduced>