

## **Regional Science Consortium Buoys and Weather**

### **Student Worksheet**

1. What three variables are being examined in Figures 1, 2, & 3?
  
2. Do any of the variables appear to be related? Why or why not?
  
3. A. What was the highest average air temperature observed in the summer of 2019?  
  
B. On what date was this average air temperature observed?
  
4. What was the wind speed on August 27<sup>th</sup>, 2019? (Be careful of units!)
  
5. A. On what day was the highest wave observed in the summer of 2019?  
  
B. What was the wave height? (Be careful of units!)  
  
C. Convert this value to feet. Show your work. (1 meter = 3.28 feet)