

Can't Take the Heat? – Heat Capacity Student Worksheet

Table 1

1	2	3	4	5	6	7	8	9
Station	Station Letter on Map	Parameter	Distance from Virginia Beach, VA (miles)	Distance in km miles*1.609	Direction, in relation to Virginia Beach (N, NE, E...)	2008 Maximum Temp. (°F)	2008 Minimum Temp. (°F)	2008 Temp. Range (°F)
NCDC #440188: Amelia, VA	A	Air Temp	225		WNW	100	2	
NCDC #446656: Petersburg, VA	B	Air Temp				100	12	
CBIBS Buoy: Jamestown, VA	C	Air Temp				97	18	
CBIBS Buoy: Jamestown, VA	C	Water Temp				88	40	
NDBC #44014: Offshore VA Beach, VA	D	Air Temp				83	29	
NDBC #44014: Offshore VA Beach, VA	D	Water Temp				86	47	

NCDC – NOAA National Climate Data Center – www.ncdc.noaa.gov

CBIBS – Chesapeake Bay Interpretive Buoy System – www.buoybay.org

NDBC – NOAA National Data Buoy Center – www.ndbc.noaa.gov