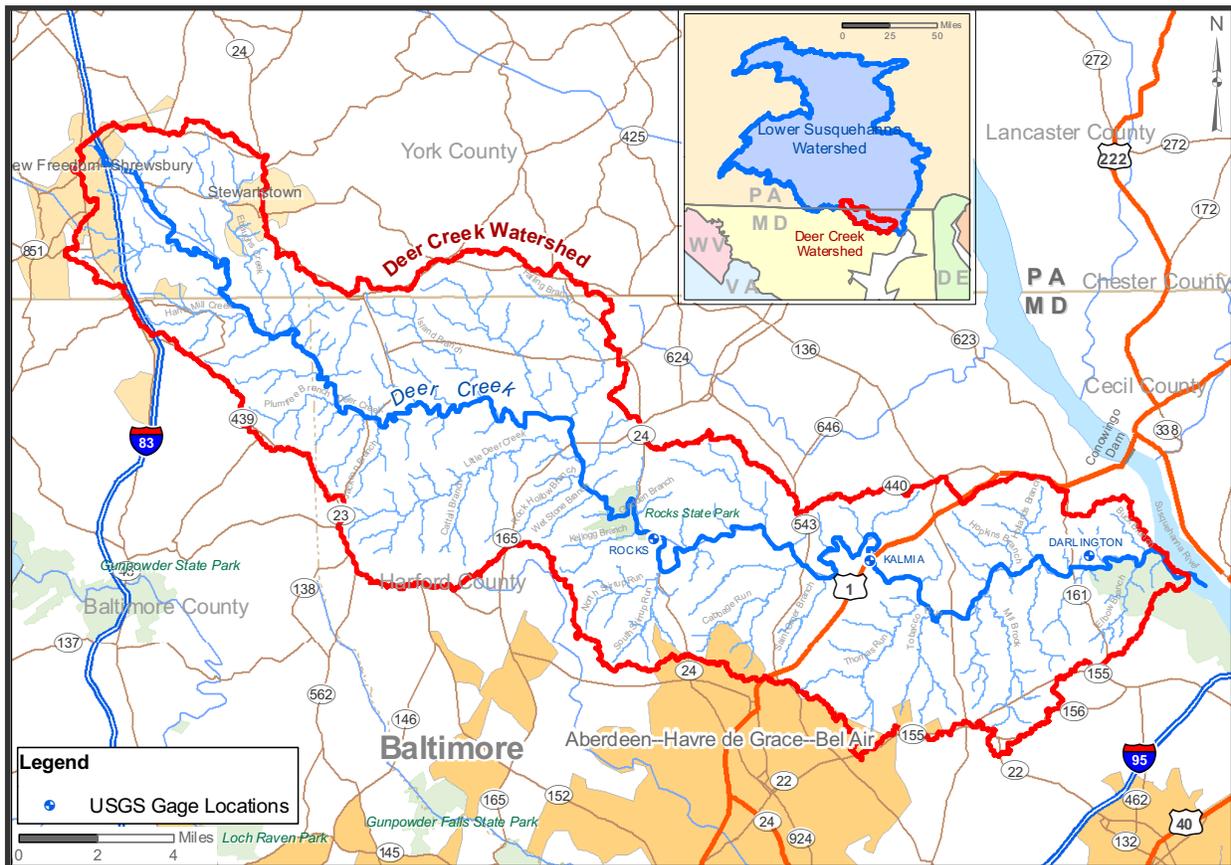


## II. GEOGRAPHY AND CLIMATE

The Deer Creek Watershed occupies approximately 171 square miles (109,521 acres) in Maryland and Pennsylvania (Figure 1). About 85 percent of the watershed is situated in Harford and Baltimore Counties, Maryland, with 15 percent in York County, Pennsylvania. The Deer Creek Watershed is the largest watershed in Harford County, Maryland, covering 38 percent of the county's land area. The watershed is elongate, extending approximately 30 miles southeasterly from York County to its confluence with the Susquehanna River about 2 miles south of the Conowingo Dam. The width of the watershed varies from about 3.5 to 9 miles. The watershed's main waterway is Deer Creek. It was named a State Scenic River in 1973, and many streams in the watershed are designated trout waters.



**Figure 1. Location Map**

The Deer Creek Watershed is located entirely within the Piedmont physiographic province, with a landscape that is gently rolling to hilly. The surface elevation within the watershed ranges from about 50 feet to more than 1,060 feet above sea level (Figure 2). Upland elevations in the York County portion of the watershed are typically about 900 feet. Upland elevations in Harford County, near Deer Creek's confluence with the Susquehanna River, are about 150 feet to 300 feet.



snowmelt runoff during the winter months than areas further south. Additional information on precipitation and recharge to the basin is presented in the following section.

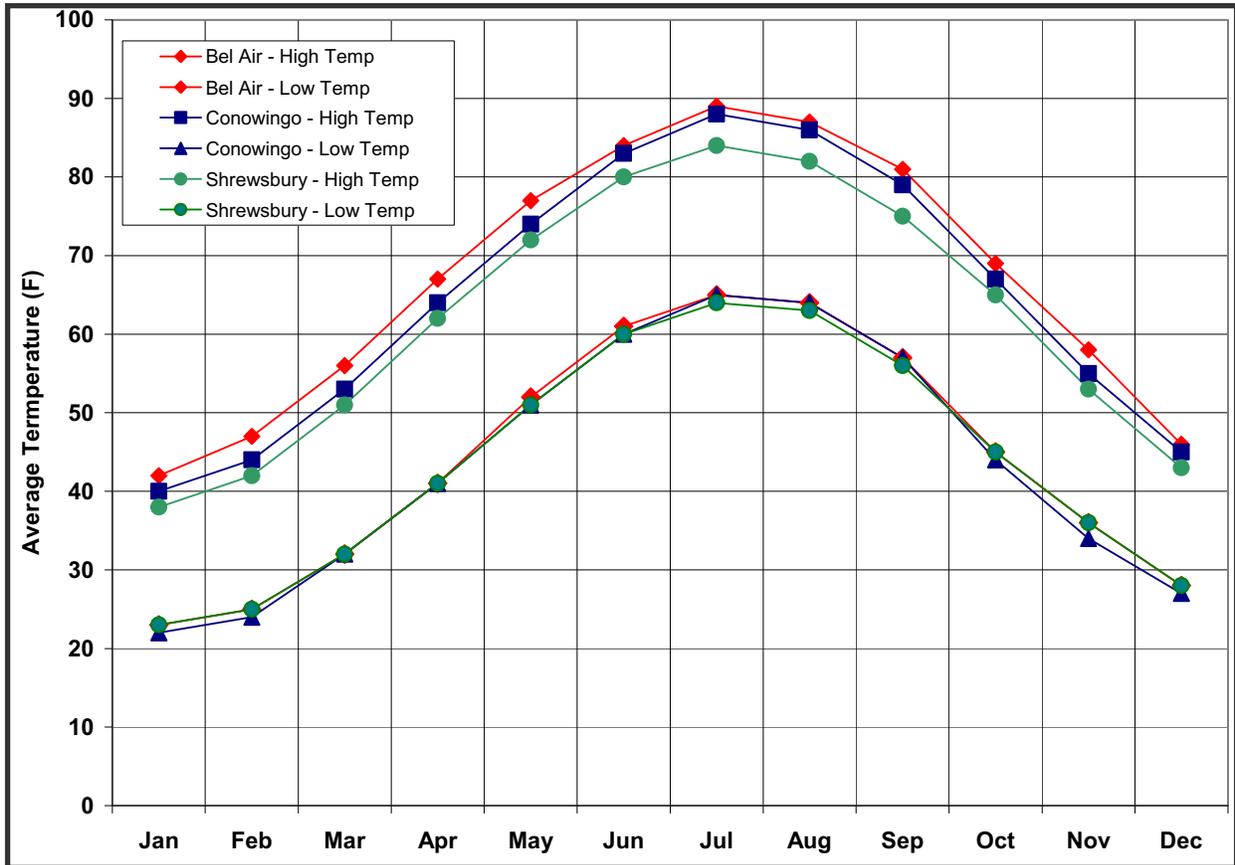


Figure 3. Average Temperatures