

Table 2.2: Mean temperatures and total precipitation in Dutchess County, 1971-2000 (Source: NRCC, "CLIMOD System," 2008).

Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Mean Temp (°F)													
Glenham	26.6	29.2	38.5	49.5	60.7	69.5	74.3	72.7	64.7	53.0	42.9	32.2	51.2
Millbrook	22.9	25.2	34.7	45.5	56.1	64.1	68.7	67.0	58.8	47.9	37.7	28.1	46.4
Poughkeepsie	24.5	26.8	36.4	47.4	58.4	66.9	71.9	70.5	62.0	50.1	40.4	30.0	48.8
Total Precipitation (inches)													
Glenham	3.48	2.90	3.49	3.95	4.50	4.11	4.65	3.92	4.11	3.70	3.69	3.29	45.8
Millbrook	3.05	2.62	3.07	3.40	4.34	3.96	4.37	4.24	3.82	3.61	3.12	2.99	42.59
Poughkeepsie	3.19	2.53	3.59	3.79	4.73	3.73	4.72	3.83	3.69	3.56	3.53	3.23	44.12

Examine the Mean Temperature and Total precipitation in Dutchess County and answer the following.

1. How many inches of precipitation fall at Glenham when the temperature is below freezing? _____
 2. What percent of the precipitation at Glenham falls as snow? _____
 3. Scan the temperature for Millbrook and Poughkeepsie and determine which consistently has higher temperatures?
 4. Does the precipitation follow the same pattern?
 5. Poughkeepsie is located on the Hudson River and Millbrook is located a greater distance from a body of water. What impact does the closeness to water seem to have on the temperature and precipitation?.
-