Table 1. Annual rainfall and runoff data for Rock Creek and Big Creek watersheds in northern Ohio. The runoff data are calculated using total streamflow.

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| --- | --- | --- |
| Rock Creek at Tiffin OH |  | Big Creek at Cleveland OH |
|  | USGS Gaging Station 04197170  |  |  | USGS Gaging Station 04208502  |
| Year | Rainfall Depth (in) | Runoff Depth (in) |  | Year | Rainfall Depth (in) | Runoff Depth (in) |
| 1984 | 34.29 | 13.98 |  | 1973 | 41.30 | 17.40 |
| 1985 | 38.37 | 12.92 |  | 1974 | 39.94 | 19.39 |
| 1986 | 38.42 | 15.18 |  | 1975 | 40.84 | 22.89 |
| 1987 | 33.59 | 5.93 |  | 1976 | 34.85 | 17.96 |
| 1988 | 26.59 | 4.75 |  | 1977 | 36.14 | 21.73 |
| 1989 | 34.92 | 8.78 |  | 1978 | 32.72 | 17.89 |
| 1990 | 46.01 | 19.03 |  | 1979 | 39.92 | 20.04 |
| 1991 | 26.55 | 5.50 |  | 1980 | 32.67 | 19.16 |
| 1992 | 43.18 | 18.19 |  | 1981 | 39.08 | 19.08 |
| 1993 | 34.64 | 13.54 |  | 1982 | 36.93 | 23.04 |
| 1994 | 29.58 | 7.20 |  | 1983 | 40.66 | 23.04 |
| 1995 | 37.26 | 9.01 |  | 1984 | 41.38 | 24.81 |
| 1996 | 39.77 | 15.45 |  | 1985 | 41.31 | 23.22 |
| 1997 | 37.50 | 16.15 |  | 2002 | 36.39 | 14.41 |
| 1998 | 35.85 | 16.60 |  |  |  |  |
| 1999 | 31.47 | 5.85 |  |  |  |  |
| 2000 | 39.52 | 10.70 |  |  |  |  |
| 2001 | 32.35 | 7.14 |  |  |  |  |
| 2002 | 35.10 | 12.73 |  |  |  |  |
| 2003 | 40.82 | 11.51 |  |  |  |  |
| 2004 | 38.83 | 11.54 |  |  |  |  |
| 2005 | 38.95 | 15.97 |  |  |  |  |
| 2006 | 41.62 | 14.22 |  |  |  |  |
| 2007 | 42.14 | 19.05 |  |  |  |  |
| 2008 | 42.53 | 21.40 |  |  |  |  |
| 2009 | 32.85 | 10.25 |  |  |  |  |
| 2010 | 33.62 | 7.88 |  |  |  |  |
| 2011 | 55.71 | 36.22 |  |  |  |  |
| 2012 | 36.86 | 10.43 |  |  |  |  |
| 2013 | 41.90 | 15.42 |  |  |  |  |
| 2014 | 34.51 | 11.14 |  |  |  |  |



Figure 1. Annual rainfall-runoff data for Rock Creek watershed, northern Ohio. Plot the Big Creek rainfall-runoff data and averages on this plot using a different symbol.