

| Suspended sediment in the Toutle River,<br>Mt. St. Helens volcano, Washington |                     |                             |                     |
|---|---------------------|-----------------------------|---------------------|
| Volume of sediment transported in one water year                              |                     |                             |                     |
| Water years run from 1 Oct to 1 Sep   |                     |                             |                     |
| annual sediment yield in Gigagrams (1 million kg)                             |                     |                             |                     |
| precipitation measured at Centralia, 60 km to north                           |                     |                             |                     |
| water year  | sediment<br>(Ggram) | sediment<br>(log<br>Ggrams) | precip.<br>(inches) |
| 1981  | 26900               | 4.43                        | 52.27               |
| 1982  | 36800               | 4.57                        | 54.05               |
| 1983  | 36000               | 4.56                        | 53.89               |
| 1984  | 22400               | 4.35                        | 55.67               |
| 1985  | 8500                | 3.93                        | 31.88               |
| 1986  | 6900                | 3.84                        | 51.78               |
| 1987  | 7950                | 3.90                        | 36.31               |
| 1988  | 2000                | 3.30                        | 42.72               |
| 1989  | 700                 | 2.85                        | 38.11               |
| 1990  | 2150                | 3.33                        | 61.25               |
| 1991  | 2400                | 3.38                        | 42.30               |
| 1992  | 650                 | 2.81                        | 39.17               |
| 1993  | 400                 | 2.60                        | 33.92               |
| 1994  | 150                 | 2.18                        | 46.39               |
| 1995  | 1400                | 3.15                        | 56.23               |
| 1996  | 5900                | 3.77                        | 64.63               |
| 1997  | 2750                | 3.44                        | 56.80               |
| 1998  | 1800                | 3.26                        | 56.80               |
| 1999  | 4550                | 3.66                        | 57.31               |