

**Table 11.1** Total and component fluxes off the São Francisco River and their ratios.

| Cup No. | Interval         | Fluxes in mg m <sup>-2</sup> d <sup>-1</sup> |           |      |                  |                  |     |     |                | Ratios                                  |  |  |
|---------|------------------|--|-----------|------|------------------|------------------|-----|-----|----------------|---|--|--|
|         |                  | Total flux                                   | Carbonate | Opal | Litho-<br>genics | C <sub>org</sub> | N   | C/N | Carb./<br>Opal | C <sub>org</sub> /<br>C <sub>carb</sub> |  |  |
| 1       | 01/04 - 01/10/95 | 160.0  | 37.5      | 9.6  | 100.6            | 6.5              | 0.7 | 9.8 | 3.9            | 1.4                                     |  |  |
| 2       | 01/10 - 01/16/95 | 114.5  | 33.3      | 7.0  | 65.4             | 4.5              | 0.5 | 8.6 | 4.7            | 1.1                                     |  |  |
| 3       | 01/16 - 01/22/95 | 53.7   | 21.8      | 3.0  | 22.7             | 3.2              | 0.4 | 8.9 | 7.1            | 1.2                                     |  |  |
| 4       | 01/22 - 01/28/95 | 84.5   | 34.9      | 4.4  | 35.4             | 5.2              | 0.6 | 8.9 | 8.0            | 1.3                                     |  |  |
| 5       | 01/28 - 02/03/95 | 163.8  | 55.1      | 9.0  | 88.6             | 5.7              | 0.7 | 8.1 | 6.2            | 0.9                                     |  |  |
| 6       | 02/03 - 02/09/95 | 144.0  | 48.0      | 8.3  | 77.7             | 5.2              | 0.6 | 9.0 | 5.8            | 0.9                                     |  |  |
| 7       | 02/09 - 02/15/95 | 158.8  | 55.7      | 8.9  | 82.7             | 6.0              | 0.8 | 7.8 | 6.3            | 0.9                                     |  |  |
| 8       | 02/15 - 02/21/95 | 109.7  | 39.5      | 7.0  | 54.9             | 4.4              | 0.5 | 8.2 | 5.7            | 0.9                                     |  |  |
| 9       | 02/21 - 02/27/95 | 156.4  | 44.2      | 9.6  | 84.2             | 9.6              | 1.1 | 8.7 | 4.6            | 1.8                                     |  |  |
| 10      | 02/27 - 03/05/95 | 176.5  | 55.1      | 11.9 | 91.2             | 9.6              | 1.1 | 9.1 | 4.6            | 1.5                                     |  |  |
| 11      | 03/05 - 03/11/95 | 188.1  | 48.9      | 12.5 | 109.1            | 9.2              | 1.0 | 8.8 | 3.9            | 1.6                                     |  |  |
| 12      | 03/11 - 03/17/95 | 292.2  | 95.5      | 16.3 | 160.5            | 10.5             | 1.2 | 8.9 | 5.9            | 0.9                                     |  |  |
| 13      | 03/17 - 03/23/95 | 239.2  | 67.7      | 13.6 | 145.5            | 6.5              | 0.8 | 7.8 | 5.0            | 0.8                                     |  |  |
| 14      | 03/23 - 03/29/95 | 89.3   | 32.0      | 4.6  | 47.2             | 2.9              | 0.4 | 7.8 | 6.9            | 0.7                                     |  |  |
| 15      | 03/29 - 04/04/95 | 70.9   | 26.0      | 3.7  | 36.0             | 2.7              | 0.3 | 7.9 | 7.0            | 0.9                                     |  |  |
| 16      | 04/04 - 04/10/95 | 42.2   | 18.3      | 2.3  | 18.0             | 1.8              | 0.3 | 7.1 | 8.0            | 0.8                                     |  |  |
| 17      | 04/10 - 04/16/95 | 50.7   | 21.8      | 2.7  | 22.3             | 2.0              | 0.3 | 8.2 | 8.0            | 0.8                                     |  |  |
| 18      | 04/16 - 04/22/95 | 75.6   | 26.0      | 4.4  | 38.3             | 3.6              | 0.4 | 8.3 | 5.9            | 1.2                                     |  |  |
| 19      | 04/22 - 04/28/95 | 157.2  | 63.1      | 9.1  | 74.7             | 5.2              | 0.8 | 6.3 | 6.9            | 0.7                                     |  |  |
| 20      | 04/28 - 05/04/95 | 105.2  | 41.7      | 6.6  | 50.5             | 3.3              | 0.5 | 7.2 | 6.3            | 0.7                                     |  |  |
| 21      | 05/04 - 05/10/95 | 115.7  | 42.9      | 6.3  | 59.0             | 3.9              | 0.5 | 7.8 | 6.8            | 0.8                                     |  |  |