

## Jahresmittel Ozon [ $\mu\text{g}/\text{m}^3$ ]

### Kontinuierliches Messverfahren, Werte bezogen auf 1013 hPa und 20 °C

|      | Wester-land | Zingst | Neuglob-sow | Waldhof | Schmücke | Deusel-bach | Brotjackl-riegel | Schau-insland | Zugspitze | Forellen-bach | Helgo-land | Aukrug | Schorf-heide | Bassum | Gittrup | Falken-berg | Melpitz | Leine-felde | Lücken-dorf | Lehn-mühle | Regnitz-losau | Uecker-münde | Öhringen | Raisting |
|------|-------------|--------|-------------|---------|----------|-------------|------------------|---------------|-----------|---------------|------------|--------|--------------|--------|---------|-------------|---------|-------------|-------------|------------|---------------|--------------|----------|----------|
| 1980 | 56.3        | 49.6   | 35.6        | 53.5    | 48.7     | 56.8        | 55.8             |               | 78.0      |               |            |        |              |        |         |             |         |             |             |            |               |              |          |          |
| 1981 | 57.3        | 46.0   |             |         | 43.2     | 51.4        | 70.1             |               | 84.5      |               |            |        |              |        |         |             |         |             |             |            |               |              |          |          |
| 1982 |             | 47.4   | 37.0        |         | 61.1     | 50.8        | 75.9             | 80.8          | 98.1      |               |            |        |              |        |         |             |         |             |             |            |               |              |          |          |
| 1983 |             |        | 47.8        |         | 61.9     | 48.4        | 74.6             | 80.9          | 91.9      |               |            |        |              |        |         |             |         |             |             |            |               |              |          |          |
| 1984 | 52.7        | 38.2   | 40.8        | 44.8    | 41.0     | 48.0        | 58.6             | 84.0          | 89.1      |               |            |        |              |        |         |             |         |             |             |            |               |              |          |          |
| 1985 | 54.1        | 33.7   | 39.7        | 44.3    | 43.7     | 46.5        | 60.6             | 77.6          | 88.3      |               |            |        |              |        |         |             |         |             |             |            |               |              |          |          |
| 1986 | 60.7        | 39.6   | 40.9        | 42.2    | 49.7     | 45.1        | 58.0             | 80.2          | 94.9      |               |            |        |              |        |         |             |         |             |             |            |               |              |          |          |
| 1987 | 51.3        | 44.6   | 41.5        | 46.2    | 50.5     | 45.5        |                  | 69.6          | 94.3      |               |            |        |              |        |         |             |         |             |             |            |               |              |          |          |
| 1988 | 59.3        | 52.0   | 49.5        | 60.2    | 70.4     | 60.3        | 71.1             | 80.8          | 93.2      |               |            |        |              | 36.1   |         |             |         |             |             |            | 55.6          |              |          |          |
| 1989 | 62.8        | 60.2   | 50.0        | 54.5    | 69.1     | 64.7        | 78.1             | 86.5          | 97.5      |               |            |        |              | 42.7   | 31.5    |             |         |             |             |            | 49.6          |              |          |          |
| 1990 | 54.6        | 51.9   | 31.5        | 50.5    | 43.2     | 63.5        | 75.5             | 84.6          | 99.7      |               |            |        |              | 38.0   | 27.2    |             |         |             |             |            | 53.1          |              |          |          |
| 1991 | 50.7        |        |             | 45.8    |          | 61.4        | 74.8             | 83.3          | 96.8      |               |            |        |              | 40.7   | 28.4    |             |         |             |             |            | 52.3          |              |          |          |
| 1992 | 55.3        | 51.2   | 45.1        | 53.6    | 58.1     | 54.7        | 70.1             | 78.2          | 97.1      |               | 42.2       |        |              | 42.8   | 39.0    |             |         | 46.8        | 55.0        |            | 58.9          | 42.7         |          |          |
| 1993 | 55.7        | 52.7   | 48.8        | 52.5    | 64.6     | 59.3        | 76.6             | 82.2          | 97.0      |               | 43.6       |        |              | 44.9   | 42.1    |             | 36.7    | 48.6        | 60.2        |            | 58.6          | 44.1         |          |          |
| 1994 | 61.8        | 56.3   | 52.0        | 58.0    | 64.3     | 63.1        | 84.9             | 84.7          | 96.7      |               | 50.1       |        |              | 56.4   |         |             | 46.5    | 50.8        | 50.2        | 55.0       |               | 45.0         |          |          |
| 1995 | 64.9        | 55.2   | 50.8        | 51.6    | 69.8     | 58.5        | 75.8             | 88.8          | 101.4     |               | 51.6       |        |              | 44.3   | 43.9    |             | 51.5    | 53.8        | 59.6        | 58.8       |               | 54.7         |          |          |
| 1996 | 63.8        | 62.7   | 53.2        | 50.3    | 69.0     | 64.3        | 73.2             | 79.8          | 102.7     |               | 49.1       |        |              | 45.0   | 42.3    |             | 43.9    | 52.9        | 63.4        | 61.5       | 58.6          | 58.2         |          |          |
| 1997 | 65.1        | 60.1   | 50.3        | 50.7    | 73.9     | 68.0        | 79.2             | 88.6          | 101.6     |               | 51.8       |        |              | 45.1   | 41.5    |             | 46.5    | 50.8        | 60.5        | 61.0       | 62.7          | 57.9         |          |          |
| 1998 | 65.1        | 56.0   | 51.8        | 48.1    | 72.2     | 68.7        | 79.6             | 87.2          | 104.9     |               |            |        |              | 44.3   | 42.0    |             | 49.4    | 58.1        | 62.2        | 59.4       | 63.7          | 57.1         |          |          |
| 1999 | 71.1        | 61.1   | 55.0        | 56.1    | 74.9     |             | 81.1             | 85.2          | 103.0     |               |            | 52.7   |              | 51.4   | 45.9    | 54.4        | 50.2    | 60.4        | 63.7        | 61.7       | 63.2          | 55.5         |          |          |
| 2000 | 64.0        | 55.1   | 49.0        | 53.3    | 71.8     | 67.0        | 79.3             | 85.2          | 99.2      | 74.0          |            | 40.2   | 52.0         | 44.9   | 41.5    | 50.3        | 46.5    | 55.4        | 60.5        | 60.8       | 61.6          | 51.6         |          |          |

|      | Westerland | Zingst | Neuglobsow | Waldhof | Schmücke | Deuselbach            | Brotjackriegel | Schauinsland | Zugspitze | Forellentbach | Helgoland             | Aukrug | Schorfheide | Bassum | Gittrup | Falkenberg | Melpitz | Leinefelde | Lückendorf | Lehnmühle | Regnitzlosau | Ueckermünde | Öhringen | Raisting |
|------|------------|--------|------------|---------|----------|-----------------------|----------------|--------------|-----------|---------------|-----------------------|--------|-------------|--------|---------|------------|---------|------------|------------|-----------|--------------|-------------|----------|----------|
| 2001 | 62.9       | 57.6   | 48.4       | 51.8    | 70.8     | 62.3                  | 76.7           | 84.3         | 100.8     | 68.8          |                       | 45.3   | 49.3        | 43.9   | 42.7    | 51.0       | 48.1    |            | 52.3       | 54.1      | 65.7         | 53.3        |          |          |
| 2002 | 68.7       | 60.6   | 55.2       | 53.2    | 71.1     | 63.9                  | 78.6           | 83.7         | 99.8      | 72.9          |                       | 47.1   | 53.3        | 44.0   | 41.2    | 53.9       | 45.4    | 56.8       | 57.8       | 49.9      | 61.0         | 55.3        | 53.4     | 50.3     |
| 2003 | 71.6       | 62.5   | 56.9       | 60.6    | 84.4     | 72.3                  | 85.5           | 92.9         | 105.2     | 84.9          |                       | 49.0   | 59.9        | 50.5   | 45.5    | 60.8       | 52.5    | 61.6       | 73.5       | 61.6      | 68.8         | 59.6        | 60.1     | 54.4     |
| 2004 | 73.8       | 59.2   | 53.5       |         | 74.1     | Messungen eingestellt |                | 87.3         | 96.2      |               | 67.5                  | 46.1   | 52.2        | 47.3   | 43.2    | 54.2       | 48.7    | 59.4       | 63.5       | 57.6      | 69.5         | 57.2        | 55.8     | 56.2     |
| 2005 | 67.9       | 61.7   | 53.1       | 54.2    |          |                       |                | 88.4         | 97.9      | 77.9          |                       | 53.0   | 63.0        |        |         | 63.0       | 56.0    |            | 76.0       | 67.0      |              | 61.0        |          |          |
| 2006 | 70.6       | 62.2   | 55.0       | 56.9    | 76.9     |                       |                | 88.4         | 101.2     | 80.3          | Messungen eingestellt |        |             |        |         |            |         |            |            |           |              |             |          |          |
| 2007 | 67.2       | 60.3   | 53.0       | 53.3    | 68.8     |                       |                | 81.0         | 96.5      | 75.2          |                       |        |             |        |         |            |         |            |            |           |              |             |          |          |
| 2008 | 67.7       | 59.1   | 54.3       | 54.1    | 69.1     |                       |                | 79.1         | 95.5      | 73.4          |                       |        |             |        |         |            |         |            |            |           |              |             |          |          |
| 2009 | 63.1       | 59.8   | 52.5       | 51.7    | 67.5     |                       |                | 87.0         |           | 69.9          |                       |        |             |        |         |            |         |            |            |           |              |             |          |          |
| 2010 | 65.8       | 60.9   | 56.1       | 55.0    | 71.4     |                       |                | 87.9         | 77.3      | 74.4          |                       |        |             |        |         |            |         |            |            |           |              |             |          |          |
| 2011 | 65.3       | 58.5   | 51.7       | 54.2    | 71.7     |                       |                | 87.0         | 77.1      | 73.1          |                       |        |             |        |         |            |         |            |            |           |              |             |          |          |
| 2012 | 67.2       | 58.8   | 49.1       | 53.4    | 69.5     |                       |                |              | 75.7      | 71.8          |                       |        |             |        |         |            |         |            |            |           |              |             |          |          |
| 2013 | 68.6       | 61.2   | 53.0       | 54.6    | 70.0     |                       |                | 82.9         | 76.5      | 70.4          |                       |        |             |        |         |            |         |            |            |           |              |             |          |          |
| 2014 | 66.1       | 57.2   | 48.2       | 50.5    | 69.4     |                       |                | 79.9         | 75.8      | 68.7          |                       |        |             |        |         |            |         |            |            |           |              |             |          |          |
| 2015 | 67.1       | 61.5   | 52.2       | 53.2    | 72.7     |                       |                |              | 78.2      | 77.0          |                       |        |             |        |         |            |         |            |            |           |              |             |          |          |
| 2016 | 67.4       | 59.5   | 49.0       | 50.7    | 67.4     |                       |                | 83.6         | 75.4      | 70.3          |                       |        |             |        |         |            |         |            |            |           |              |             |          |          |
| 2017 |            |        | 47.8       | 51.1    | 68.6     |                       |                | 84.4         | 75.0      | 75.9          |                       |        |             |        |         |            |         |            |            |           |              |             |          |          |
| 2018 | 66.2       |        | 57.9       |         |          |                       |                | 92.0         |           | 82.8          |                       |        |             |        |         |            |         |            |            |           |              |             |          |          |

Quelle: Daten des Luftmessnetzes des Umweltbundesamtes