

# CO<sub>2</sub>-values Aug.—Oct. 1956 in Scandinavia

(Cf. FONSELIUS, KOROLEFF: Tellus 7, pp. 258—265)

| Station | Aug. |      |       |         |                          | Sept. |      |       |         |                          | Oct. |      |       |         |                          |
|---------|------|------|-------|---------|--------------------------|-------|------|-------|---------|--------------------------|------|------|-------|---------|--------------------------|
|         | Date | °C   | Wind  | Weather | CO <sub>2</sub> ml/10 l. | Date  | °C   | Wind  | Weather | CO <sub>2</sub> ml/10 l. | Date | °C   | Wind  | Weather | CO <sub>2</sub> ml/10 l. |
| Ab      | 1    | 15.5 | ENE 4 | 3       | 3.04                     | 1     | 4.5  | WNW 4 | 0       | 2.94                     | 1    | 1.0  | W 5   | 7       | 3.24                     |
|         | 10   | 6.6  | WNW 5 | 5       | 2.91                     | 10    | 7.0  | NNW 4 | ●       | 2.97                     | 10   | 1.4  | N 1   | ●       | 2.92                     |
|         | 20   |      |       |         |                          | 20    | 2.0  | WNW 9 | ▽       | 3.37                     | 20   | 0.8  | W 5   | ▽       | 3.25                     |
| Öj      | 1    | 17.1 | SE 6  | ° 3     | 3.00                     | 1     | 13.6 | W 3   | 8       | 3.35                     | 1    |      | Calm  | ●       | 3.14                     |
|         | 10   | 16.4 | N 6   | 5       | 3.19                     | 10    | 18.0 | SW 4  | 5       | 2.84                     | 10   | 1.2  | W 6   | ●       | 3.33                     |
|         | 20   | 16.7 | E 1   | 4       | 2.98                     | 20    | 14.6 | W 2   | 10      | 3.44                     | 20   | 9.1  | W 6   | ●       | 3.33                     |
| Br      | 1    | 15.0 | NE 1  | 5       | 2.94                     | 1     | 8.0  | W 5   | 5       | 2.98                     | 1    | 0.0  | SE 1  | ■       | 3.20                     |
|         | 10   | 10.0 | N 4   | 2       | 3.10                     | 10    | 17.0 | SW 1  | 2       | 3.01                     | 10   |      |       |         |                          |
|         | 20   | 11.0 | NE 1  | ●       | 3.17                     | 20    | 7.0  | W 5   | 5       | 3.39                     | 20   | 5.0  | W 5   | 1       | 3.03                     |
| Er      | 1    | 15.7 | E 2   | ●       | 3.08                     | 1     | 16.8 | WNW 2 | 2       | 3.15                     | 1    | 12.1 | W 4   | 8       | 3.26                     |
|         | 10   | 14.6 | NNW 5 | 5       | 3.23                     | 10    | 14.4 | S 2   | 3       | 2.84                     | 10   | 6.1  | W 3   | 4       | 3.33                     |
|         | 20   | 18.4 | SW 2  | 9       | 3.06                     | 20    | 13.9 | W 2   | 1       | 3.49                     | 20   | 6.1  | W 4   | 2       | 3.19                     |
| Fl      | 1    | 12.2 | SW 1  | 9       | 2.99                     | 1     | 15.8 | SW 1  | 6       | 3.02                     | 1    | 15.0 | SW 2  | 8       | 3.18                     |
|         | 10   | 18.2 | NE 1  | ●       | 3.12                     | 10    | 12.7 | E 1   | 5       | 2.81                     | 10   | 11.8 | W 1   | 0       | 3.11                     |
|         | 20   | 15.8 | SW 2  | ▽       | 3.07                     | 20    | 12.5 | SW 1  | 7       | 3.33                     | 20   | 9.6  | W 1   | 5       | 3.26                     |
| Pl      | 1    | 14.0 | S 4   | 9       | 2.98                     | 1     | 15.0 | Calm  | 1       | 2.98                     | 1    | 14.0 | SW 2  | 6       | 3.46                     |
|         | 10   | 17.0 | SW 4  | 1       | 3.09                     | 10    | 16.0 | SW 1  | 10      | 2.87                     | 10   |      |       |         |                          |
|         | 20   | 15.0 | W 1   | 3       | 3.07                     | 20    | 14.0 | SW 1  | 1       | 3.38                     | 20   | 0.0  | SW 6  | 10      | 3.48                     |
| Ka      | 1    | 16.5 | E 2   | 5       | 3.34                     | 1     | 14.8 | WSW 3 | 0       | 3.10                     | 1    | 6.0  | Calm  |         | 3.22                     |
|         | 10   | 13.0 | N 5   | 5       | 3.21                     | 10    | 14.6 | W 2   | 5       | 3.25                     | 10   | 4.6  | SSW 3 | 9       | 3.04                     |
|         | 20   | 15.0 | ENE 3 | 10      | 3.17                     | 20    | 13.7 | WSW 1 | 10      | 3.06                     | 20   | 8.3  | NNW 5 | 5       | 3.07                     |
| Ri      | 1    | 17.2 | SE 2  | 5       | 3.01                     | 1     | 13.0 | WSW 3 | 0       | 3.26                     | 1    | 5.8  | SW 1  | 5       | 3.10                     |
|         | 10   | 10.8 | NW 3  | 8       | 3.15                     | 10    | 7.9  | S 3   | 0       | 3.03                     | 10   | 0.9  | WNW 3 | 0       | 3.08                     |
|         | 20   | 18.8 | E 10  | 10      | 3.23                     | 20    | 11.8 | WSW 3 | 7       | 3.08                     | 20   | 6.6  | WSW 3 | 5       | 3.20                     |
| Lu      | 1    | 15.3 | ESE 1 | 5       | 3.16                     | 1     | 11.7 | WNW 3 | 5       | 3.11                     | 1    | 2.5  | SSE 2 | 10      | 3.25                     |
|         | 10   | 10.7 | NW 3  | 10      | 3.17                     | 10    | 12.5 | SSW 3 | 0       | 3.27                     | 10   | 2.5  | S 2   | 10      | 3.12                     |
|         | 20   | 10.9 | NE 3  | ●       | 3.26                     | 20    | 10.2 | SW 3  | 8       | 3.07                     | 20   | 6.3  | W 2   | 0       | 3.04                     |
| Tv      | 1    | 17.0 | S 4   | 5       | 3.17                     | 1     | 14.0 | SW 2  | 0       | 3.22                     | 1    | 13.0 | SW 4  | 10      | 3.08                     |
|         | 10   | 16.0 | N 3   | 5       | 3.12                     | 10    | 13.0 | S 1   | 10      | 3.07                     | 10   | 17.0 | SW 1  | 10      | 3.10                     |
|         | 20   | 17.0 | S 1   | 10      | 3.27                     | 20    | 11.0 | W 4   | 10      | 3.13                     | 20   | 8.0  | W 3   | 0       | 3.22                     |
| Bo      | 1    | 20.6 | NE 4  | ° 0     | 3.03                     | 1     |      |       |         |                          | 1    | 6.0  | ENE 3 | ° 4     | 2.98                     |
|         | 10   | 10.3 | ESE 4 | ° 0     | 3.17                     | 10    | 10.1 | SW 1  | °       | 3.16                     | 10   | 6.3  | W 3   | °       | 3.33                     |
|         | 20   | 11.5 | NNE 3 | ° 10    | 3.27                     | 20    | 6.0  | W 5   | °       | 3.45                     | 20   | 4.4  | W 4   | °       | 3.34                     |
| Vä      | 1    | 16.3 | SW 3  | 7       | 2.99                     | 1     |      |       |         |                          | 1    | 8.3  | SE 1  | ●       | 3.13                     |
|         | 10   | 14.2 | ENE 2 | 0       | 2.96                     | 10    | 13.4 | NE 1  | 5       | 3.06                     | 10   | 7.9  | NE 1  | ●       | 3.27                     |
|         | 20   | 9.2  | SW 3  | ●       | 3.02                     | 20    | 13.6 | E 1   | 5       | 3.30                     | 20   | 1.4  | SW 1  | 0       | 3.53                     |
| Be      | 1    | 12.1 | NNW 2 | ●       | 3.18                     | 1     |      |       | ●       |                          | 1    | 12.2 | SE 5  | ▽       | 3.09                     |
|         | 10   | 14.4 | NW 1  | 5       | 3.25                     | 10    | 15.0 | SE 1  | ▽       | 3.23                     | 10   | 11.2 | WSW 2 | 10      | 3.37                     |
|         | 20   | 14.9 | NW 2  | 10      | 3.08                     | 20    | 13.4 | SSE 1 | °       | 3.07                     | 20   | 8.7  | Calm  | 5       | 3.23                     |
| Öd      | 1    | 13.7 | SW 6  | ▽       | 3.08                     | 1     | 16.7 | SE 2  | 7       | 3.03                     | 1    | 16.2 | SSW 5 | 7       | 2.89                     |
|         | 10   | 21.0 | NW 1  | 4       | 3.07                     | 10    | 15.2 | SE 3  | 9       | 3.00                     | 10   | 13.2 | SW 4  | 4       | 3.62                     |
|         | 20   | 16.5 | SW 4  | 7       | 3.04                     | 20    | 17.3 | SW 1  | 1       | 3.18                     | 20   | 10.2 | SE 2  | ●       | 3.35                     |
| As      | 1    | 15.4 | W 4   | 5       | 3.11                     | 1     | 15.8 | SE 3  | 4       | 3.18                     | 1    | 15.2 | W 5   | 6       | 3.16                     |
|         | 10   | 17.9 | NW 2  | 4       | 2.96                     | 10    | 17.8 | SE 3  | 6       | 3.02                     | 10   | 12.4 | WSW 3 | 6       | 2.89                     |
|         | 20   | 16.5 | WNW 4 | 4       | 2.98                     | 20    | 17.9 | W 1   | 8       | 3.25                     | 20   | 12.0 | SW 2  | ●       | 3.24                     |

Symbols used for description of weather conditions, are those, internationally used. The numbers in the weather-column give the cloudiness and the wind force i Beauforts.

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