



## European Wind Atlas

Troen, Ib; Lundtang Petersen, Erik

*Publication date:*  
1989

*Document Version*  
Publisher's PDF, also known as Version of record

[Link back to DTU Orbit](#)

*Citation (APA):*  
Troen, I., & Lundtang Petersen, E. (1989). *European Wind Atlas*. Risø National Laboratory.

---

### General rights

Copyright and moral rights for the publications made accessible in the public portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

- Users may download and print one copy of any publication from the public portal for the purpose of private study or research.
- You may not further distribute the material or use it for any profit-making activity or commercial gain
- You may freely distribute the URL identifying the publication in the public portal

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

# EUROPEAN WIND ATLAS

## *Errata*

### Page

- 37 West Berlin should be marked with the ‘yellow’ colour, see the map of Germany on page 43.
- 46 The relative relief on page 46 is shaded incorrectly; however, only in that part of Spain which is common to the two maps of Spain (p. 46-47). The correct signature is shown on the map of Eastern Spain on page 47.
- 78  $A = M/F_A(k)$  in the sixth item should read  $A = M \cdot F_A(k)$ .
- 81 VI should read IV.
- 83 In order to conform to Eq. 8.23 on page 572, the calculated  $h$  should be multiplied by 0.3 (equal to  $c_1$  in Eq. 8.23).
- 86 The line referred to in Example 5.5 is not shown on Fig. 5.7. The reference to Eq. 5.10 in the same example should be to Eq. 5.12.
- 114 The geographical coordinates of *Lecce Galatina* should read: 40° 14' N 18° 09' E.
- 116 The geographical coordinates of *Wick* should read: 58° 30' N 03° 06' W. The geographical coordinates of *Lowther Hill* should read: 55° 23' N 03° 45' W.
- 132 The distribution of wind measurements used in the analysis deviates from the numbers given here. This also applies to the wind distributions and daily/yearly variations of wind speed on pages 134, 136, 140, 142, 144, and 146. The correct distributions are provided on the data disk.
- 312 The geographical coordinates of *Cagliari* should read: 39° 14' 47'' N 09° 03' 27'' E. The station elevation is 4 m a.s.l.
- 332 The geographical and UTM coordinates of *Lecce Galatina* should read: 40° 14' 00'' N 18° 09' 00'' E UTM 34 E 257527 m N 4457629 m.
- 344 The geographical coordinates of *San Gavino* should read: 39° 33' N 08° 47' E. The station elevation is 20 m a.s.l.
- 346 The geographical coordinates of *San Gilla* should read: 39° 13' N 09° 01' E. The station elevation is 1 m a.s.l.
- 512 The geographical and UTM coordinates of *Lowther Hill* should read: 55° 23' 00'' N 03° 45' 00'' W UTM 30 E 452480 m N 6137840 m.
- 522 The geographical and UTM coordinates of *Wick* should read: 58° 30' 00'' N 03° 06' 00'' W UTM 30 E 494171 m N 6484532 m.
- 566 The Monin-Obukhov length defined in Eq. 8.4 should have the opposite sign and a  $\rho$  is missing on the r.h.s., ie  $-L = (T_0/\kappa g)(\rho c_p u_*^3/H_0)$
- 575 *Troen and de Baas (1987)* should read *Troen and de Baas (1986)*.
- 614 *Cagliary* should read *Cagliari*.
- 619 *Turbinvesen* should read *Turbinenwesen*.
- 622 The paper by Sempreviva et al. is now published: Sempreviva, A.M., S.E. Larsen, N.G. Mortensen and I. Troen (1990). Response of neutral boundary layers to changes of roughness. *Boundary-Layer Meteorology* **50**: 205-225.

The text of the European Wind Atlas has been translated into French, German, Italian and Spanish. One non-English book may be supplied free of charge with the English reference edition. All editions are also available for download (free of charge), see the WAsP home page for links to the documents.