

CORRIGENDUM

1. Discussion

The exponential arguments of Eqs. (5) and (6) and the third line, right column, p. 561, should more properly contain the fraction $\frac{3}{4}$ vice $\frac{2}{4}$, a change that affects only the Phillips constant (α) and the shape constant (γ) results of the existing paper.

Using the corrected equations, and paying close attention to the limits imposed by M , these parameters were recalculated; in general, the mean α decreased by a factor of more than 3 to 1.28×10^{-2} [in excellent agreement with the average value 1.23×10^{-2} , given by Phillips (1977)], and the mean γ was increased by a factor of less than 2 to 2.76 (nearly the same as the JONSWAP mean of 3.3). Revised plots of α versus x and ν , though not included here, show the same general distribution of α -values as in Figs. 8 and 10 of the existing paper, but are now centered around the corrected mean of 1.28×10^{-2} ; the α - ν plot for the corrected data shows a slight trend that appears to agree with the power-law slope.

It appears from the corrected results that the pronounced finite-depth effects found in the other data of this study for small $k_p h$, do not influence the Phillips' or shape constants, because there is little difference between the finite-depth and deep-water α and γ .

2. Specific changes to the text

1) Page 561, right column, paragraph 2, starting with line 7, the remainder of the sentence should read: ". . . α value from the ω^{-3} plot would be $\approx (1.4 \pm 0.3) \times 10^{-2}$, which is in good agreement with the

average estimates for the Phillips spectrum obtained thus far (Phillips, 1977; see Table 4.1, p. 147)."

2) Page 565, left column:

• Paragraph 2, starting with line 11, the sentence should read: "The mean of α for $(0-k_p h)$ is 1.24×10^{-2} , for $(1-k_p h)$ is 1.32×10^{-2} , for $(2-k_p h)$ is 1.21×10^{-2} , and for $(3-k_p h)$ is 1.38×10^{-2} ; i.e., the overall mean for the smallest four $k_p h$ ranges is 1.28×10^{-2} , very near the value estimated from the equilibrium-range slopes and almost identical with the average value (1.23×10^{-2}) given by Phillips (1977).

• Paragraph 3, starting with line 3, the sentence should read: "The mean of γ for wind speeds ≥ 5 m s^{-1} was 2.76 {i.e., 2.11 for the $(0-k_p h)$ range, 2.86 for the $(1-k_p h)$ range, 3.00 for the $(2-k_p h)$ range, and 2.44 for the $(3-k_p h)$ range}. This mean of 2.76 is just slightly less than the JONSWAP mean ($\gamma = 3.3$)."

3) Page 567, right column, paragraph 2:

• Starting with line 21, the remainder of the sentence should read: ". . . or ν ; the mean of the α -data was 1.28×10^{-2} , which is in excellent agreement with the deep-water α obtained thus far."

• Starting with line 26, the remainder of the sentence should read: ". . . the mean value ($\gamma = 2.76$) was just slightly less than the JONSWAP mean."

REFERENCES

- Knowles, C. E., 1982: On the effects of finite depth on wind-wave spectra: I. A comparison with deep-water equilibrium-range slope and other spectral parameters. *J. Phys. Oceanogr.*, **12**, 556-568.
- Phillips, O. M., 1977: *The Dynamics of the Upper Ocean*, 2nd ed. Cambridge University Press, 336 pp.