assisted with calculations. Miss E. Bonnike prepared our manuscript for the press. It has been a pleasure to work closely with those people.

The original source of the data is "Der Deutsche Wetterdienst" and thanks are due for using the data.

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Corrigenda concerning W. van Dijk and H. M. van den Dool: Investigations of the 500mb Level in Relation to the General Circulation I. *Arch. Met. Geoph. Biokl., A*, 22, 169—203 (1973).

P. 173 in Eq. (10) the sign of the second term on the right side should be +.

On p. 188 last row and p. 191 first row read $\overline{(u'')^2} = \overline{(u')^2} + \overline{(u'')^2}$. P. 191 Eq. (25) should be

$$F(m-1, N-m) = \frac{\sum_{i=1}^m n (X_{i.} - X_{..})^2}{\frac{\sum_{i=1}^m \sum_{j=1}^n (X_{ij} - X_{i.})^2}{m(n-1)}} \approx \frac{n \overline{[(\bar{u})'']^2}}{\overline{(u')^2}}$$