

# Middle Atmosphere Dynamics

*David G. Andrews*

HOOKE INSTITUTE FOR ATMOSPHERIC RESEARCH  
OXFORD UNIVERSITY  
OXFORD, ENGLAND

*James R. Holton*

DEPARTMENT OF ATMOSPHERIC SCIENCES  
UNIVERSITY OF WASHINGTON  
SEATTLE, WASHINGTON

*Conway B. Leovy*

DEPARTMENT OF ATMOSPHERIC SCIENCES  
UNIVERSITY OF WASHINGTON  
SEATTLE, WASHINGTON



ACADEMIC PRESS, INC.

**Harcourt Brace Jovanovich, Publishers**

Orlando San Diego New York Austin  
Boston London Sydney Tokyo Toronto