

# RESOURCE LISTING FOR WEATHER AND CLIMATE INSTRUCTION

©2000 Edward J. Hopkins, Ph.D.  
Department of Atmospheric and Oceanic Sciences  
University of Wisconsin, Madison, Wisconsin 53706  
*hopkins@meteor.wisc.edu*

Adapted by

Ronald L. Holle  
Global Atmospheric, Inc., Tucson, AZ 85706  
*rholle@glatmos.com*

R. James Vavrek  
Eggers Middle School, Hammond, IN 46320  
*chaser@mail.icongrp.com*

*Last updated November 9, 2000*

by Daphne S. Zaras, Ron Holle, and James Vavrek  
National Severe Storms Laboratory, NOAA, Norman, OK 73069 *zaras@nssl.noaa.gov*

## CONTENTS

<b>1. Introduction and Scope . . . . .</b>	<b>2</b>
<b>2. Career Guidance Material . . . . .</b>	<b>2</b>
<b>3. General Instructional Materials. . . . .</b>	<b>3</b>
<b>4. Audiovisual Materials . . . . .</b>	<b>7</b>
4.1 Videocassettes . . . . .	7
4.2 Addresses for Video Distributors . . . . .	11
4.3 Slides . . . . .	13
4.4 Overhead Transparencies . . . . .	13
4.5 Wall Charts and Posters . . . . .	14
<b>5. Printed Material . . . . .</b>	<b>16</b>
5.1 General Interest - Adult Level . . . . .	16
5.2 General Interest - Children's Level . . . . .	20
5.3 Reference Books . . . . .	24
5.4 Activities and Laboratory Exercise Manuals for K-12 . . . . .	25
5.5 Textbooks . . . . .	27
5.6 Government Publications . . . . .	28
5.7 Weather-Related Periodicals . . . . .	30
5.8 Other Science Periodicals . . . . .	30
5.9 Instructional Periodicals. . . . .	30
5.10 Weather Almanacs and Calendars . . . . .	31
<b>6. Instruments and Other Equipment . . . . .</b>	<b>32</b>
6.1 Weather Kits . . . . .	32
6.2 Weather Instrument & Science Equipment Suppliers . . . . .	32
<b>7. Computer/Internet . . . . .</b>	<b>35</b>
7.1 Weather and Climate on the Web . . . . .	35
7.2 Data Sets on Electronic Media . . . . .	39
7.3 Instructional Software . . . . .	40
<b>8. Data Sources . . . . .</b>	<b>42</b>
8.1 Current Weather Information . . . . .	42
8.2 Climatological Information . . . . .	42
<b>9. Professional Organizations . . . . .</b>	<b>44</b>
<b>10. Additional Resource Contacts . . . . .</b>	<b>45</b>
<b>11. Abbreviations . . . . .</b>	<b>52</b>