## Alignment of the Atmospheric Science Literacy Frameworks to the National Science Education Standards (NSES) GRADES 5-8

GRADES 5-8						
NSES Elements/		Essential Principle 7 -				
Key Atmospheric Science Concepts		Interconnected				
	FC 7.1	FC 7.2	FC 7.3	FC 7.4	FC 7.5	
UNIFYING CONCEPTS AND PROCESSES						
Systems, Order and Organization				•		
Evidence, Models, and Explanation				•		
Change, Constancy, and Measurement		•	•			
EARTH AND SPACE SCIENCE						
Structure of the Earth System		•				
Earth's History		•				
LIFE SCIENCE						
Populations and Ecosystems	•	•				
Diversity and Adaptations of Organisms			•			
PHYSICAL SCIENCE						
Transfer of Energy		•				
HISTORY AND NATURE OF SCIENCE						
Nature of Scientific Knowledge 5-12				•		
PERSONAL AND SOCIAL PERSPECTIVES						
Personal Health K-8				•		
Natural Hazards			•		•	
Risks and Benefits			•	•	•	
Science and Technology in Society			•		•	
SCIENCE AND TECHNOLOGY						
Understanding About Science & Technology K-12		•		•		