1. Clouds in a Glass of Beer    1
2. Genies in Jars, Clouds in Bottles, and a Bucket with a Hole in It     8
3. Happy Ducks, Like Happy People, Perform Best
   with Cool Heads         15
4. Sugar and Spice: The Dirty Wet-Bulb Temperature     20
5. Mixing Clouds         29
6. Conceptions and Misconceptions of Pressure     38
7. Dew Drops on a Bathroom Mirror     44
8. A Murder in Ceylon      53
9. The Freezing of Lakes     61
10. The Greenhouse Effect    67
11. Black Clouds         86
12. Once in a Blue Moon    91
13. The Green Flash      98
14. Multiple Scattering at the Breakfast Table     104
15. Multiple Scattering at the Beach     113
16. On a Clear Day You Can't See Forever    120
17. A Serendipitous Iridescent Cloud     128
18. Physics on a Manure Heap: More about Black Clouds     136
19. Polarization of Skylight     144
20. Colors of the Sea     155
21. Indoor Rainbows     171
22. Why Rainbows Are Not Impossible in Winter      180

Selected Bibliography and Suggestions for Further Reading     187

Index      191