

APPENDIX B

FIGURES FOR PM STAFF PAPER, CHAPTER 5, SECTION ON VISIBILITY

Washington, DC Images

Figure 5-3. Washington, DC - 2.5 $\mu\text{g}/\text{m}^3$ $\text{PM}_{2.5}$ (122 km visual range)

Figure 5-4. Washington, DC - 5 $\mu\text{g}/\text{m}^3$ $\text{PM}_{2.5}$ (76 km visual range)

Figure 5-5. Washington, DC - 10 $\mu\text{g}/\text{m}^3$ $\text{PM}_{2.5}$ (44 km visual range)

Figure 5-6. Washington, DC - 15 $\mu\text{g}/\text{m}^3$ $\text{PM}_{2.5}$ (31 km visual range)

Figure 5-7. Washington, DC - 20 $\mu\text{g}/\text{m}^3$ $\text{PM}_{2.5}$ (24 km visual range)

Figure 5-8. Washington, DC - 30 $\mu\text{g}/\text{m}^3$ $\text{PM}_{2.5}$ (16 km visual range)

Figure 5-9. Washington, DC - 40 $\mu\text{g}/\text{m}^3$ $\text{PM}_{2.5}$ (12 km visual range)

Figure 5-10. Washington, DC - 65 $\mu\text{g}/\text{m}^3$ $\text{PM}_{2.5}$ (8 km visual range)



Figure 5-3. Washington, DC - $2.5 \mu\text{g}/\text{m}^3$ $\text{PM}_{2.5}$ (122 km visual range)



Figure 5-4. Washington, DC - $5 \mu\text{g}/\text{m}^3$ $\text{PM}_{2.5}$ (76 km visual range)



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Figure 5-6. Washington, DC - $15 \mu\text{g}/\text{m}^3$ $\text{PM}_{2.5}$ (31 km visual range)



Figure 5-7. Washington, DC - $20 \mu\text{g}/\text{m}^3$ $\text{PM}_{2.5}$ (24 km visual range)



Figure 5-8. Washington, DC - $30 \mu\text{g}/\text{m}^3$ $\text{PM}_{2.5}$ (16 km visual range)



Figure 5-9. Washington, DC - $40 \mu\text{g}/\text{m}^3 \text{PM}_{2.5}$ (12 km visual range)



Figure 5-10. Washington, DC - $65 \mu\text{g}/\text{m}^3 \text{PM}_{2.5}$ (8 km visual range)

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Chicago, IL Images

Figure 5-11. Chicago, IL - $< 10 \mu\text{g}/\text{m}^3 \text{PM}_{2.5}$

Figure 5-12. Chicago, IL - $15 \mu\text{g}/\text{m}^3 \text{PM}_{2.5}$

Figure 5-13. Chicago, IL - $20 \mu\text{g}/\text{m}^3 \text{PM}_{2.5}$

Figure 5-14. Chicago, IL - $25 \mu\text{g}/\text{m}^3 \text{PM}_{2.5}$

Figure 5-15. Chicago, IL - $30 \mu\text{g}/\text{m}^3 \text{PM}_{2.5}$

Figure 5-16. Chicago, IL - $35 \mu\text{g}/\text{m}^3 \text{PM}_{2.5}$



Figure 5-11. Chicago - $< 10 \mu\text{g}/\text{m}^3$ $\text{PM}_{2.5}$, 8/16/00



Figure 5-12. Chicago - $15 \mu\text{g}/\text{m}^3$ $\text{PM}_{2.5}$, 8/7/00



Figure 5-13. Chicago - $20 \mu\text{g}/\text{m}^3$ $\text{PM}_{2.5}$, 8/24/00



Figure 5-14. Chicago - $25 \mu\text{g}/\text{m}^3$ $\text{PM}_{2.5}$, 8/25/00



Figure 5-15. Chicago - $30 \mu\text{g}/\text{m}^3$ $\text{PM}_{2.5}$, 8/15/00



Figure 5-16. Chicago - $35 \mu\text{g}/\text{m}^3$ $\text{PM}_{2.5}$, 8/26/00

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FIGURES FOR PM STAFF PAPER, CHAPTER 5, SECTION ON VISIBILITY

Denver, Colorado Images

Note: These images were generated using the WinHaze 2.8.0 visual air quality modeling program.

Figure 5-19. Denver, CO - 35 Mm^{-1} (112 km visual range)

Figure 5-20. Denver, CO - 43 Mm^{-1} (91 km visual range)

Figure 5-21. Denver, CO - 51 Mm^{-1} (77 km visual range)

Figure 5-22. Denver, CO - 61 Mm^{-1} (64 km visual range)

Figure 5-23. Denver, CO - 76 Mm^{-1} (52 km visual range)

Figure 5-24. Denver, CO - 93 Mm^{-1} (42 km visual range)

Figure 5-25. Denver, CO - 167 Mm^{-1} (23 km visual range)

Figure 5-26. Denver, CO - 258 Mm^{-1} (15 km visual range)



Figure 5-19. Denver, CO - 35 Mm^{-1} (112 km visual range)



Figure 5-20. Denver, CO - 43 Mm^{-1} (91 km visual range)



Figure 5-21. Denver, CO - 51 Mm^{-1} (77 km visual range)



Figure 5-22. Denver, CO - 61 Mm^{-1} (64 km visual range)



Figure 5-23. Denver, CO - 76 Mm⁻¹ (52 km visual range)



Figure 5-24. Denver, CO - 93 Mm⁻¹ (42 km visual range)



Figure 5-25. Denver, CO - 167 Mm^{-1} (23 km visual range)



Figure 5-26. Denver, CO - 258 Mm^{-1} (15 km visual range)

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Phoenix, Arizona Images

Note: These images were generated using the WinHaze 2.8.0 visual air quality modeling program.

Figure 5-27. Phoenix, AZ - 2.5 $\mu\text{g}/\text{m}^3$ $\text{PM}_{2.5}$ (87 km visual range)

Figure 5-28. Phoenix, AZ - 5 $\mu\text{g}/\text{m}^3$ $\text{PM}_{2.5}$ (71 km visual range)

Figure 5-29. Phoenix, AZ - 10 $\mu\text{g}/\text{m}^3$ $\text{PM}_{2.5}$ (52 km visual range)

Figure 5-30. Phoenix, AZ - 15 $\mu\text{g}/\text{m}^3$ $\text{PM}_{2.5}$ (41 km visual range)

Figure 5-31. Phoenix, AZ - 20 $\mu\text{g}/\text{m}^3$ $\text{PM}_{2.5}$ (34 km visual range)

Figure 5-32. Phoenix, AZ - 30 $\mu\text{g}/\text{m}^3$ $\text{PM}_{2.5}$ (25 km visual range)

Figure 5-33. Phoenix, AZ - 40 $\mu\text{g}/\text{m}^3$ $\text{PM}_{2.5}$ (20 km visual range)

Figure 5-34. Phoenix, AZ - 65 $\mu\text{g}/\text{m}^3$ $\text{PM}_{2.5}$ (13 km visual range)

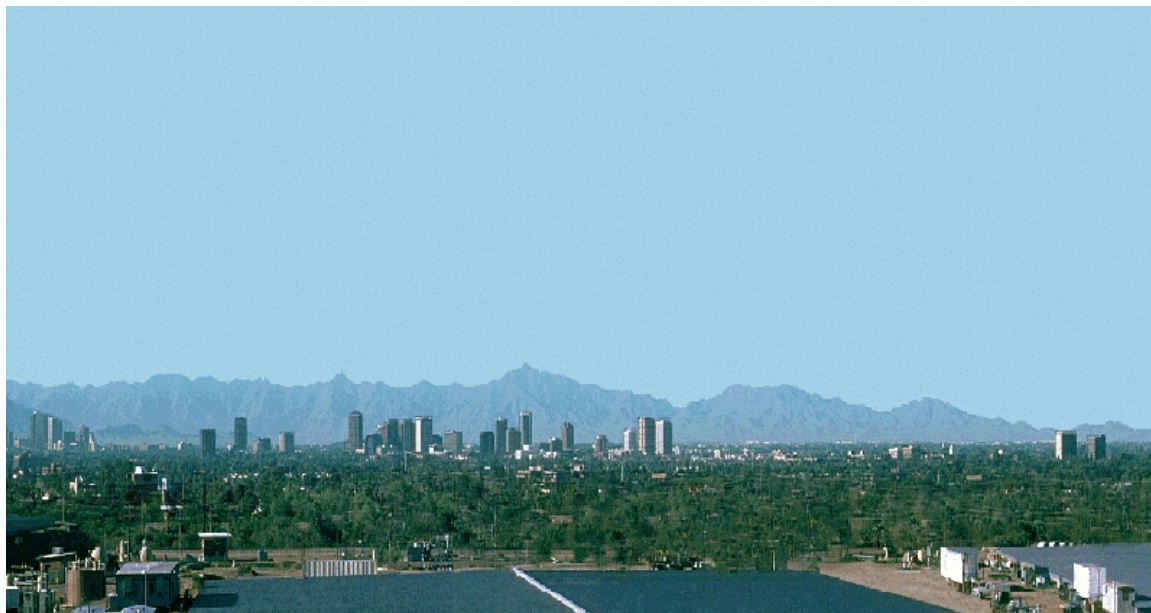


Figure 5-27. Phoenix, AZ - $2.5 \mu\text{g}/\text{m}^3 \text{PM}_{2.5}$ (87 km visual range)

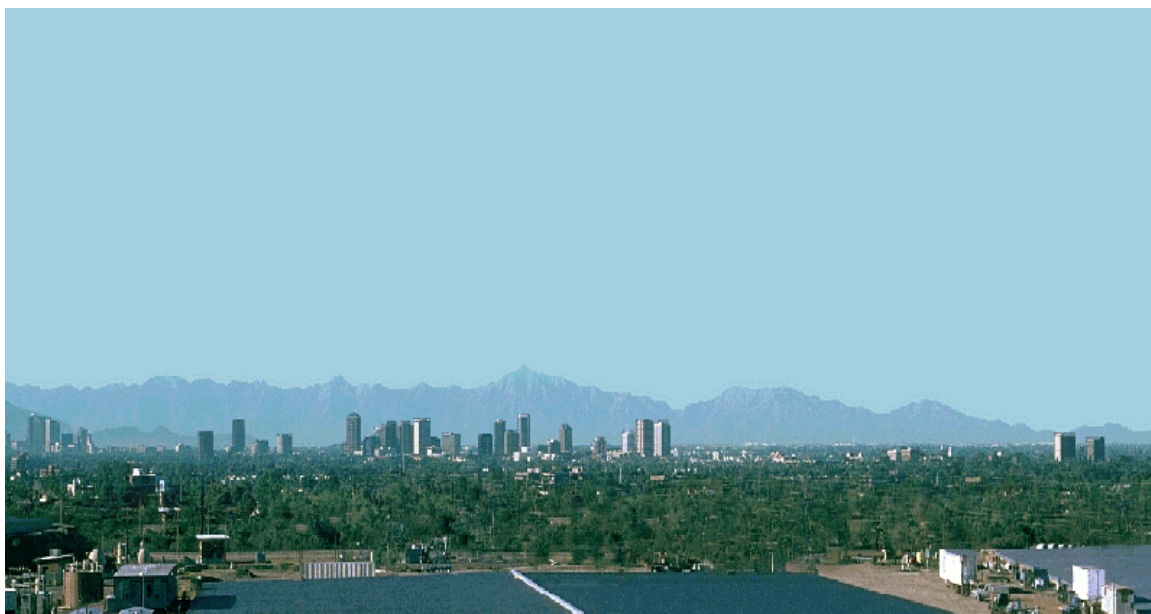


Figure 5-28. Phoenix, AZ - $5 \mu\text{g}/\text{m}^3 \text{PM}_{2.5}$ (71 km visual range)



Figure 5-29. Phoenix, AZ - $10 \mu\text{g}/\text{m}^3$ $\text{PM}_{2.5}$ (52 km visual range)



Figure 5-30. Phoenix, AZ - $15 \mu\text{g}/\text{m}^3$ $\text{PM}_{2.5}$ (41 km visual range)



Figure 5-31. Phoenix, AZ - $20 \mu\text{g}/\text{m}^3$ $\text{PM}_{2.5}$ (34 km visual range)

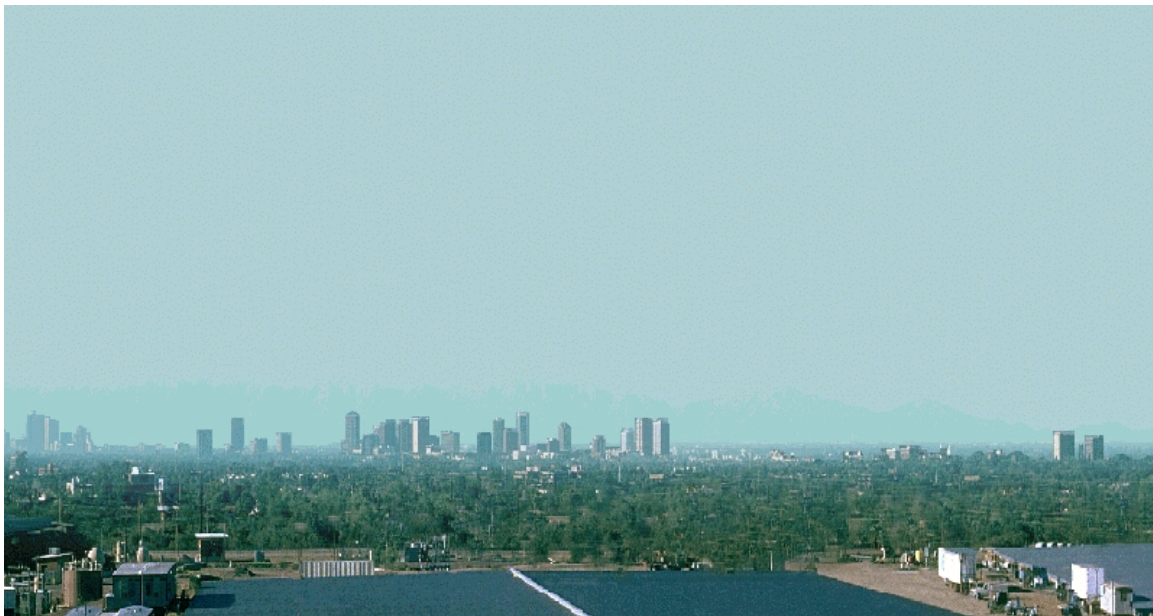


Figure 5-32. Phoenix, AZ - $30 \mu\text{g}/\text{m}^3$ $\text{PM}_{2.5}$ (25 km visual range)



Figure 5-33. Phoenix, AZ - $40 \mu\text{g}/\text{m}^3$ $\text{PM}_{2.5}$ (20 km visual range)



Figure 5-34. Phoenix, AZ - $65 \mu\text{g}/\text{m}^3$ $\text{PM}_{2.5}$ (13 km visual range)