Figure 2.5-1. The estimated uncertainty in ozone measurements by lidar increase with altitude. This plot provides uncertainty estimates for the ozone lidar operated by NOAA during SCOS97.

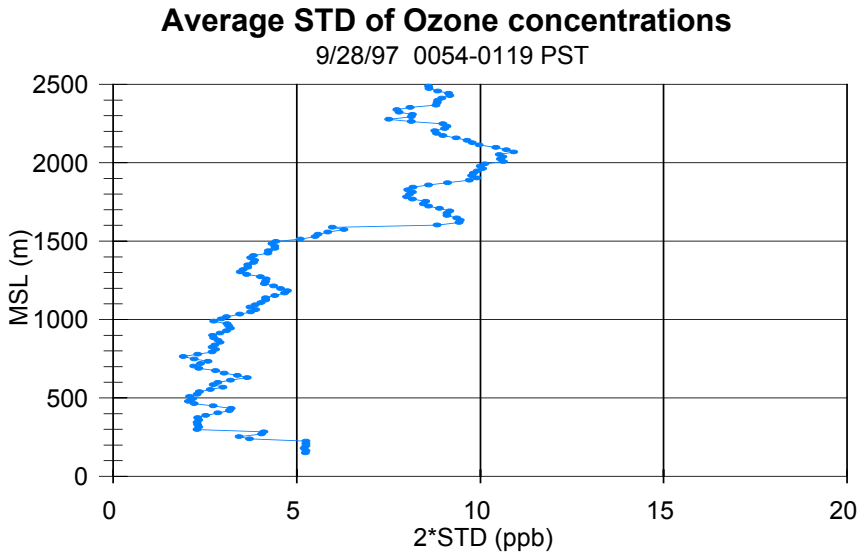

Figure 2.5-2. Vertical profiles of data collected with an ozonesonde released from USC on August 4, 1997 at 8:00a.m. PDT (bubbles represent aloft ozone layers).

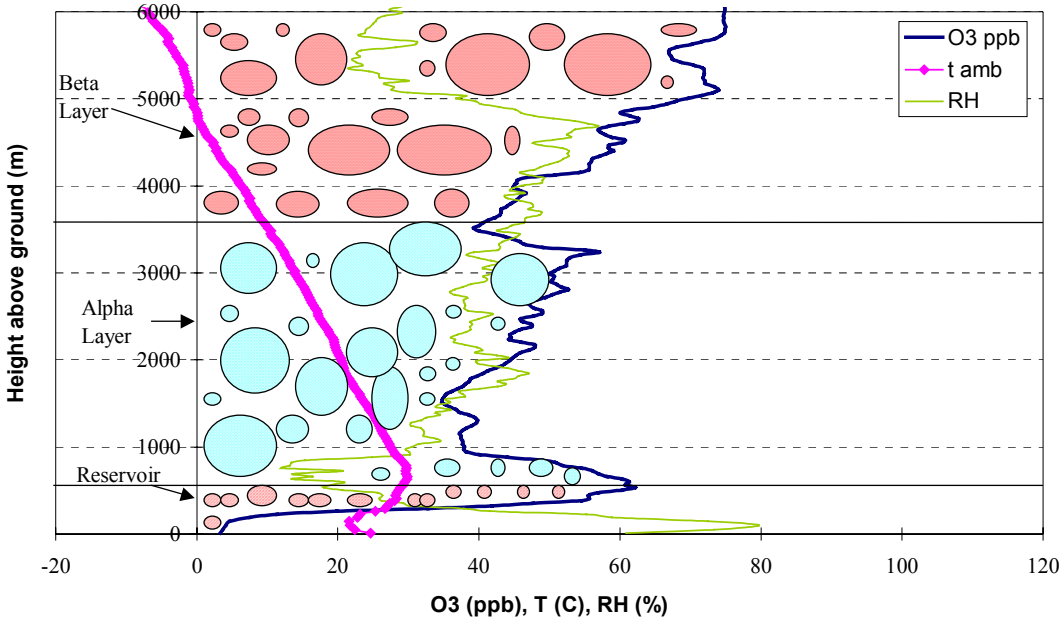

Figure 2.5-3. Vertical profiles of data collected with an ozonesonde released from USC on August 22, 1997 at 8:00a.m. PDT (bubbles represent aloft ozone layers).

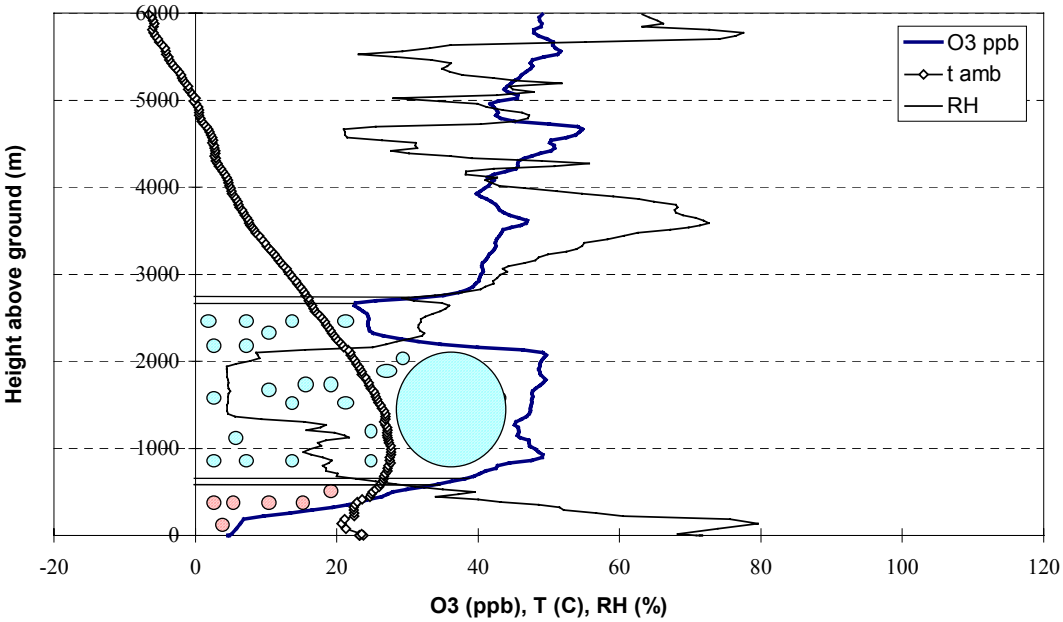

Figure 2.5-4. Vertical profiles of data collected with an ozonesonde released from USC on August 22, 1997 at 8:00p.m. PDT(bubbles represent aloft ozone layers).

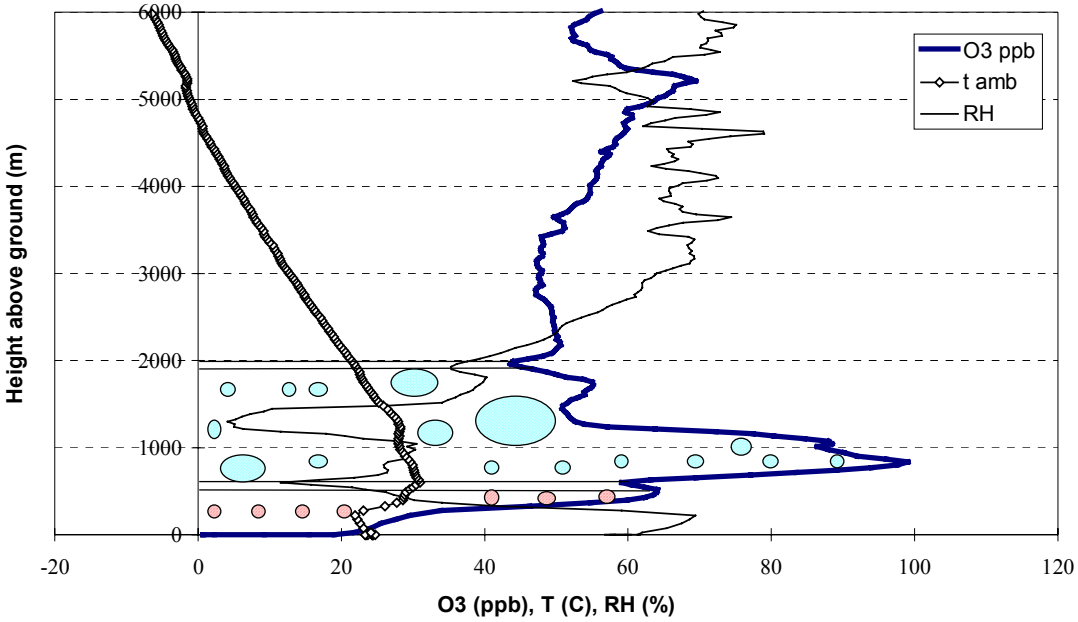

Figure 2.5-5. Vertical profiles of data collected with an ozonesonde released from USC on August 23, 1997 at 2:00a.m. PDT(bubbles represent aloft ozone layers).

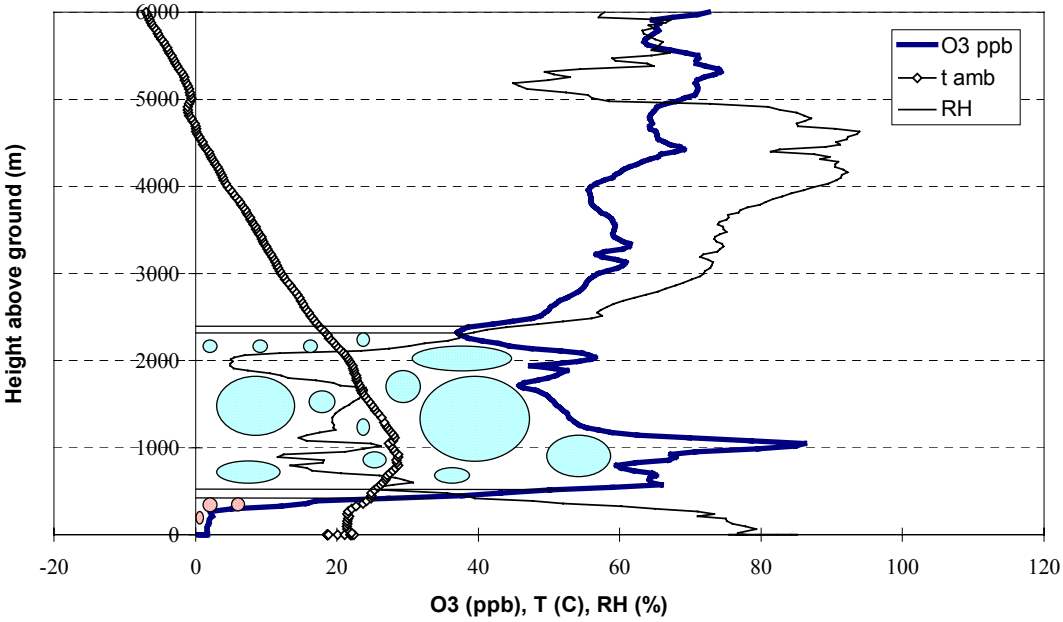

Figure 2.5-6. Vertical profiles of data collected with an ozonesonde released from USC on August 23, 1997 at 8:00a.m. PDT(bubbles represent aloft ozone layers).

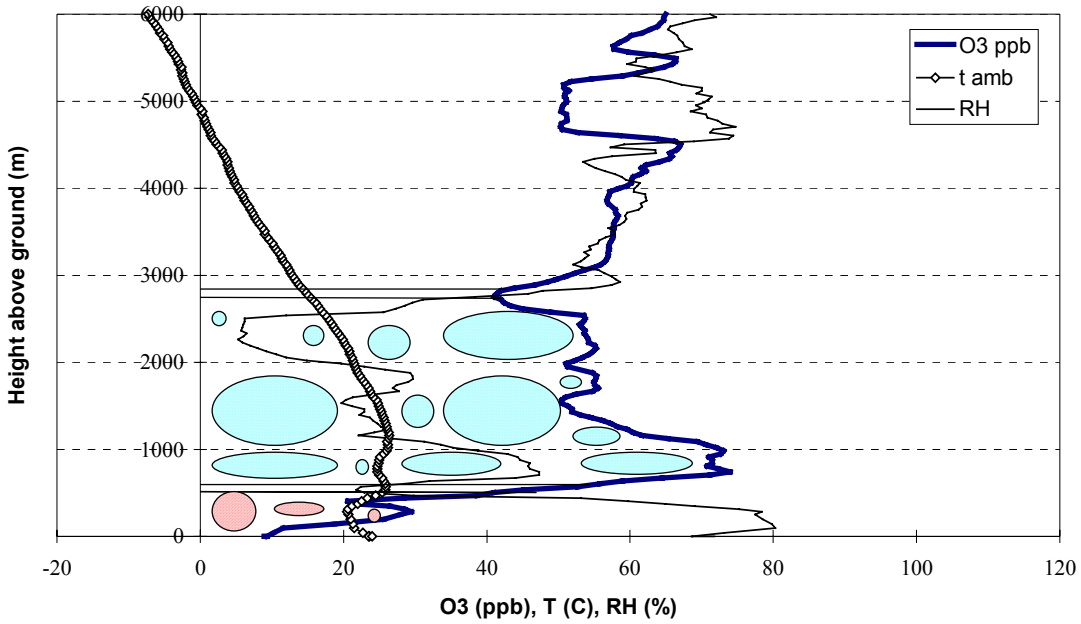

Figure 2.5-7. Vertical profiles of data collected with an ozonesonde released from USC on August 23, 1997 at 2:00p.m. PDT(bubbles represent aloft ozone layers).

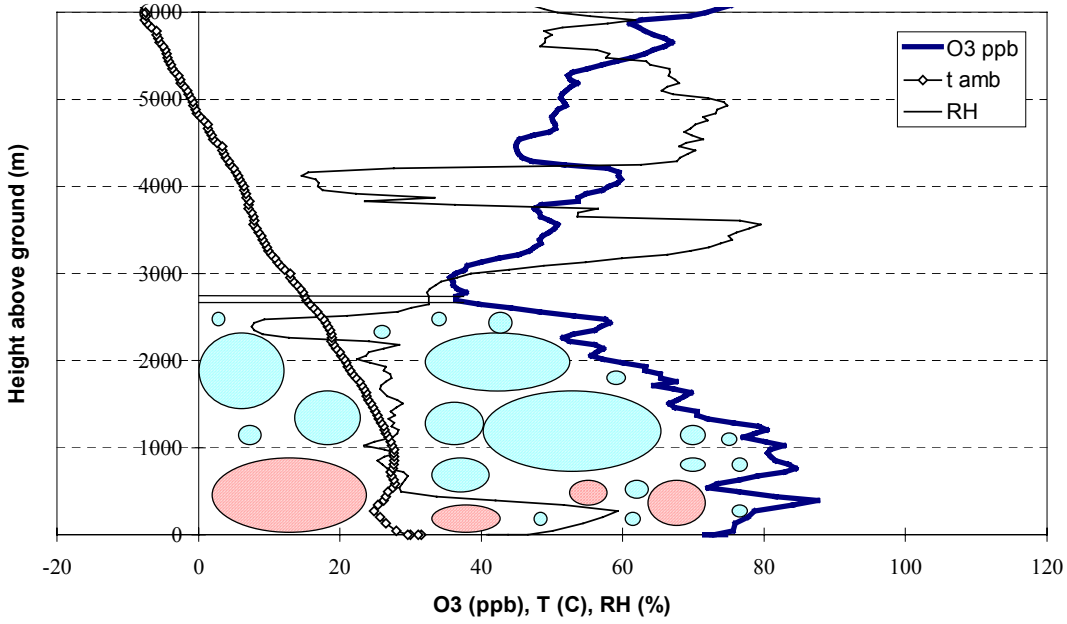

Figure 2.5-8. Vertical profiles of data collected with an ozonesonde released from USC on September 4, 1997 at 8:00a.m. PDT(bubbles represent aloft ozone layers).

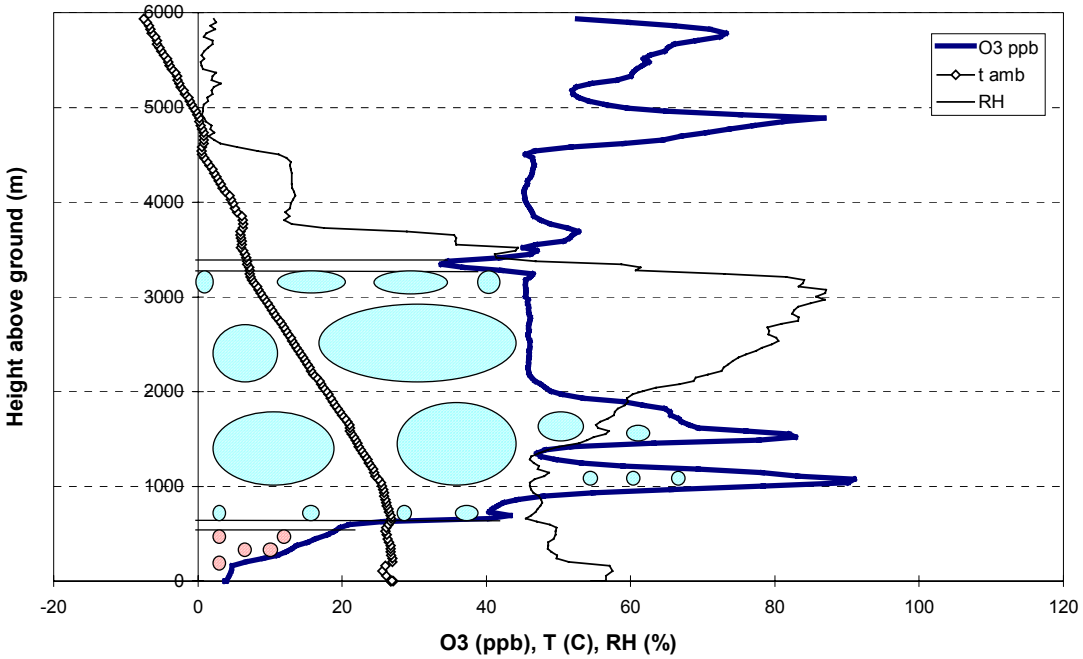

Figure 2.5-9. Vertical profiles of data collected with an ozonesonde released from USC on September 4, 1997 at 2:00p.m. PDT (bubbles represent aloft ozone layers).

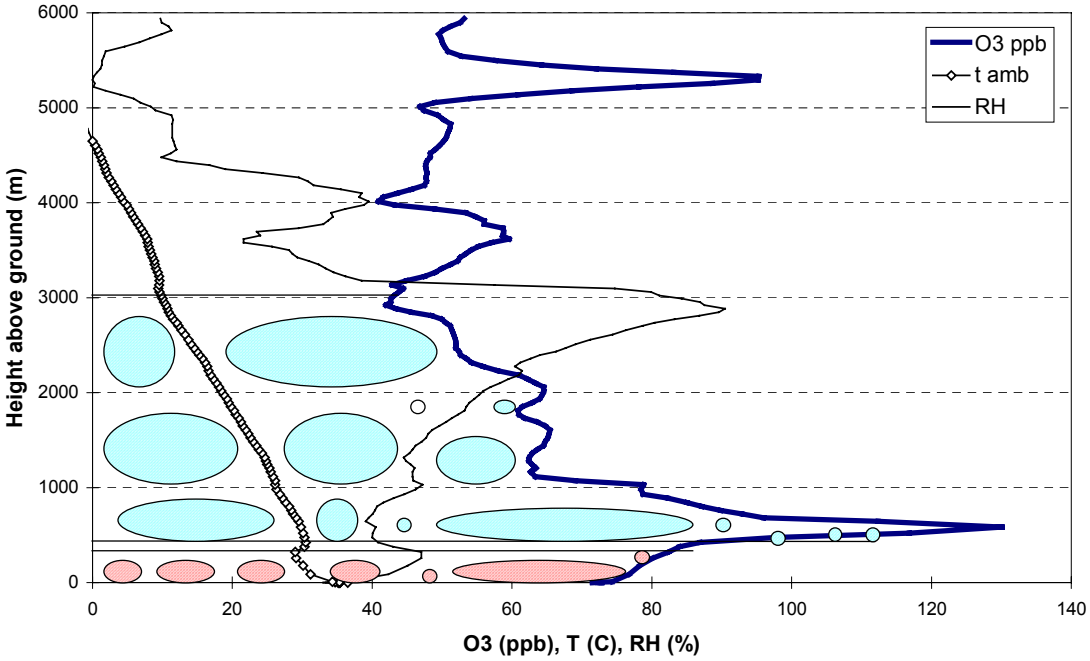

Figure 2.5-10. Vertical profiles of data collected with an ozonesonde released from USC on September 4, 1997 at 8:00p.m. PDT(bubbles represent aloft ozone layers).

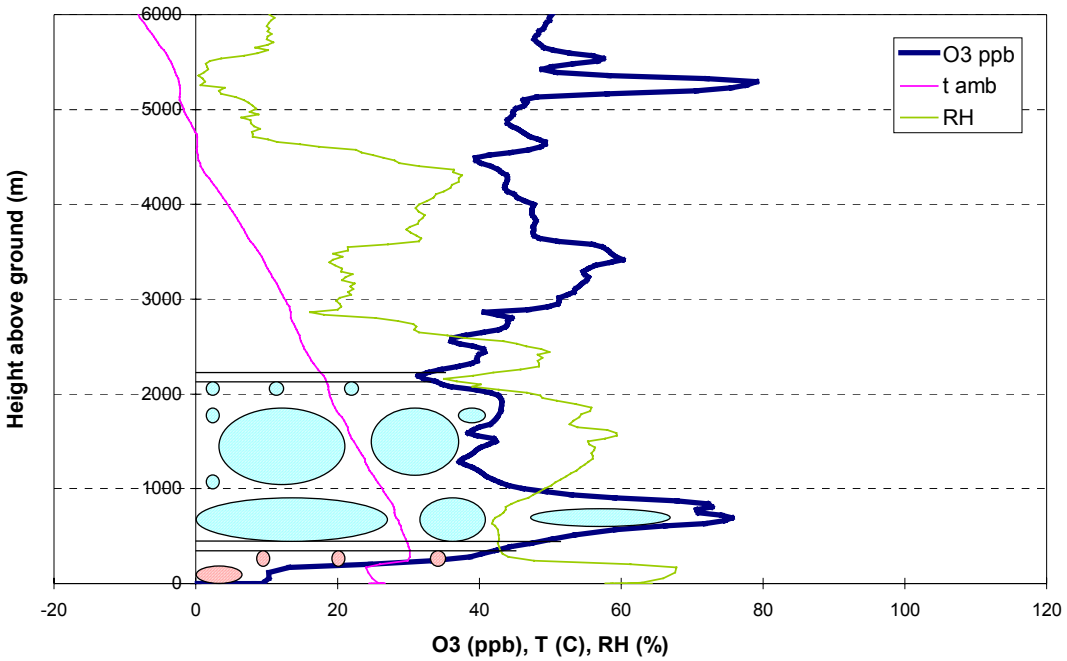

Figure 2.5-11. Vertical profiles of data collected with an ozonesonde released from USC on September 5, 1997 at 2:00a.m. PDT(bubbles represent aloft ozone layers).

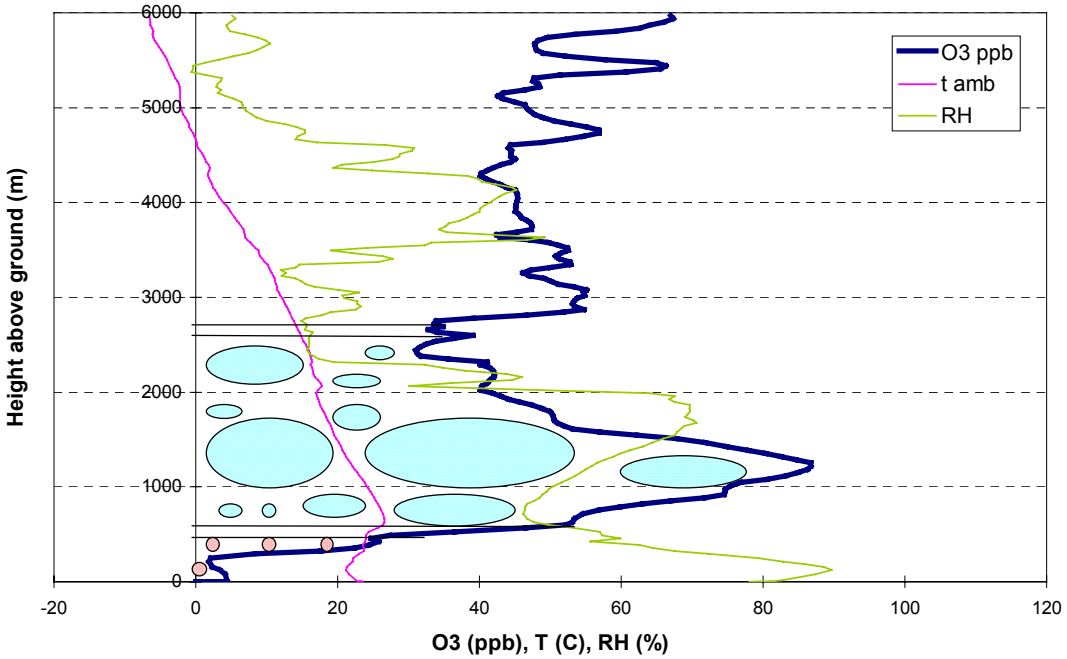

Figure 2.5-12. Vertical profiles of data collected with an ozonesonde released from USC on September 5, 1997 at 2:00p.m. PDT(bubbles represent aloft ozone layers).

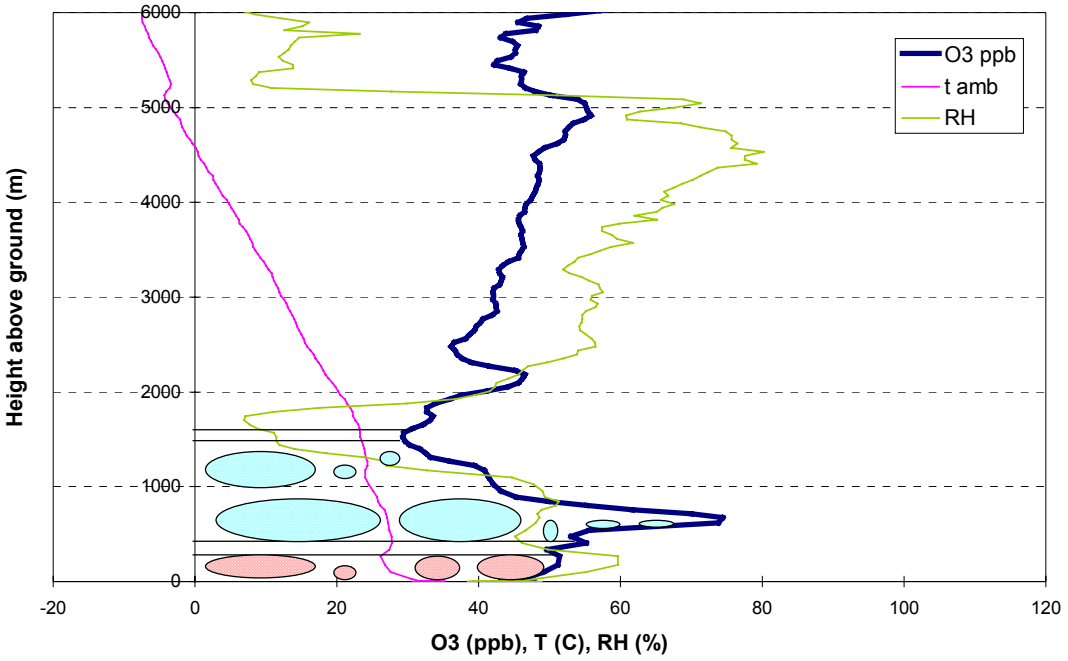

Figure 2.5-13. Vertical profiles of data collected with an ozonesonde released from USC on September 6, 1997 at 8:00a.m. PDT (bubbles represent aloft ozone layers).

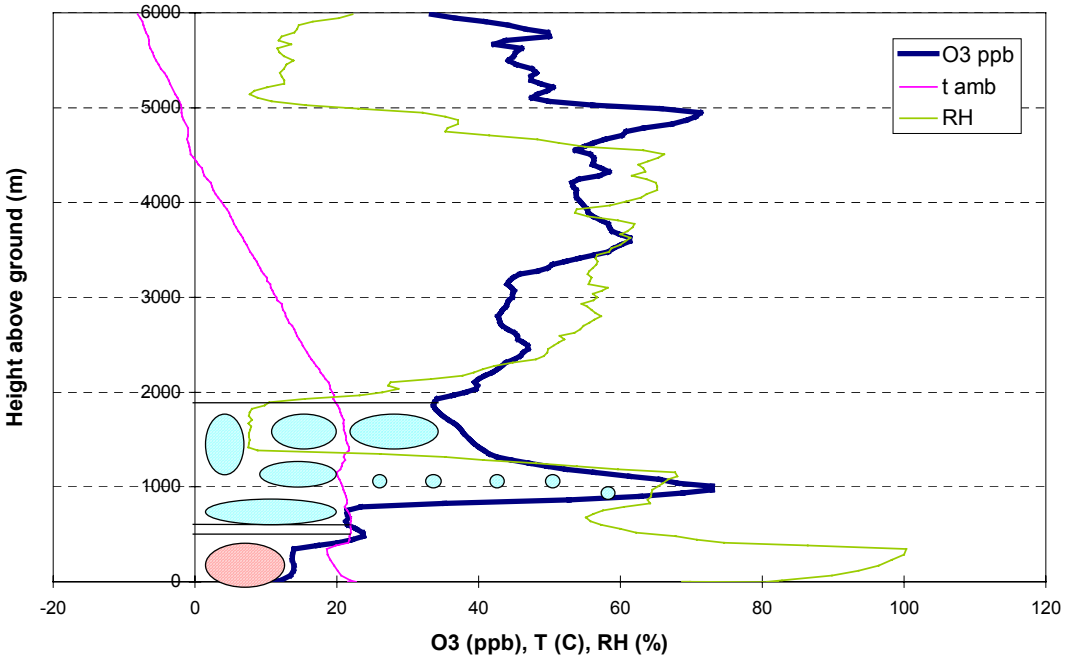

Figure 2.5-14. Air quality vertical profile taken above VanNuys Airport on morning of August 22, 1997.

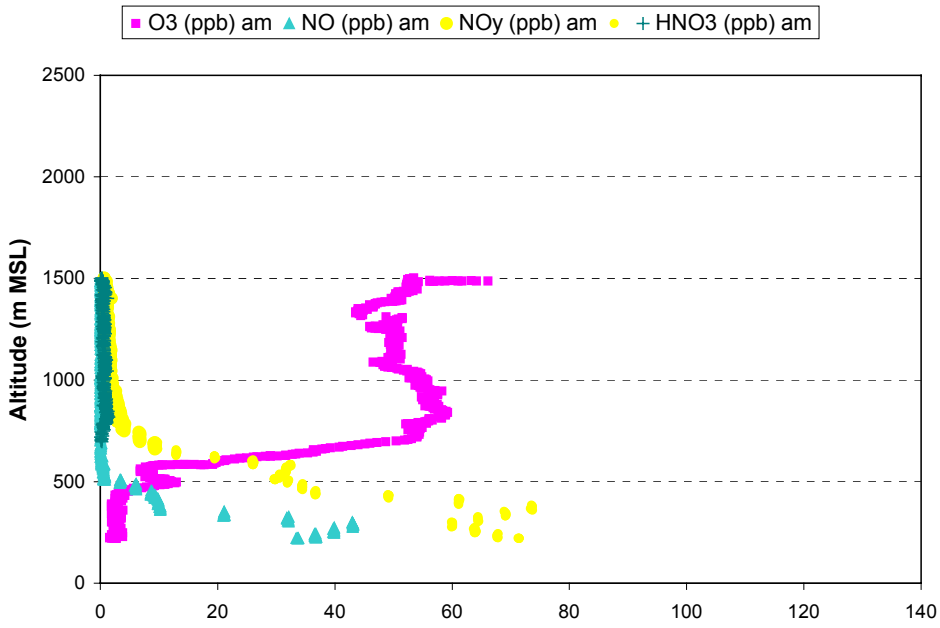

Figure 2.5-15. Air quality vertical profile taken above VanNuys Airport on afternoon of August 22, 1997.

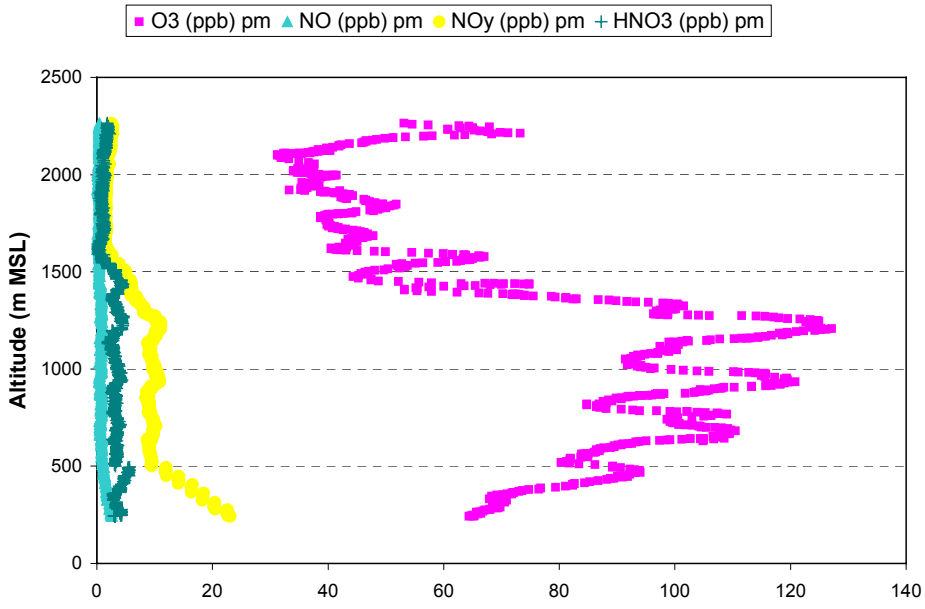

Figure 2.5-16. Air quality vertical profile taken above VanNuys Airport on morning of August 23, 1997.

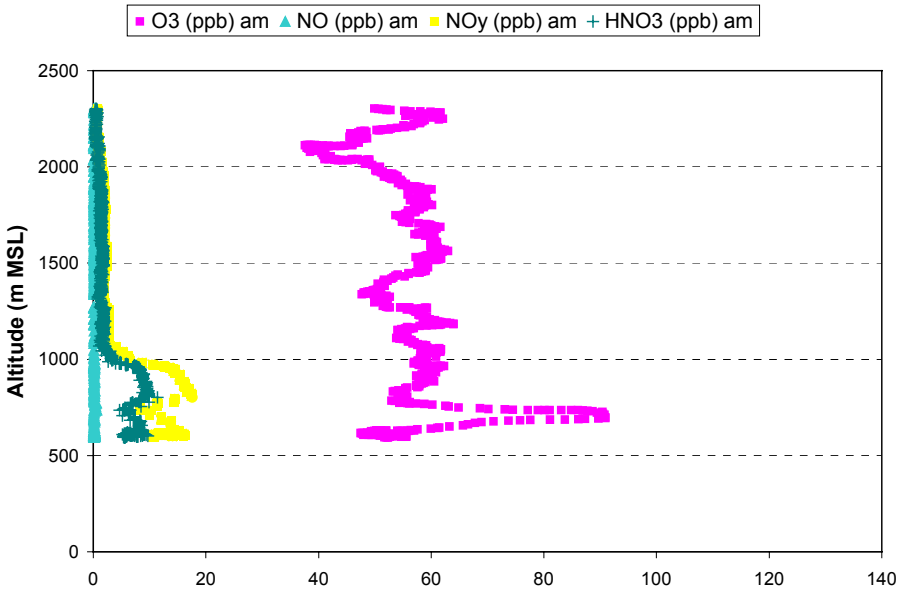

Figure 2.5-17. Air quality vertical profile taken above VanNuys Airport on afternoon of August 23, 1997.

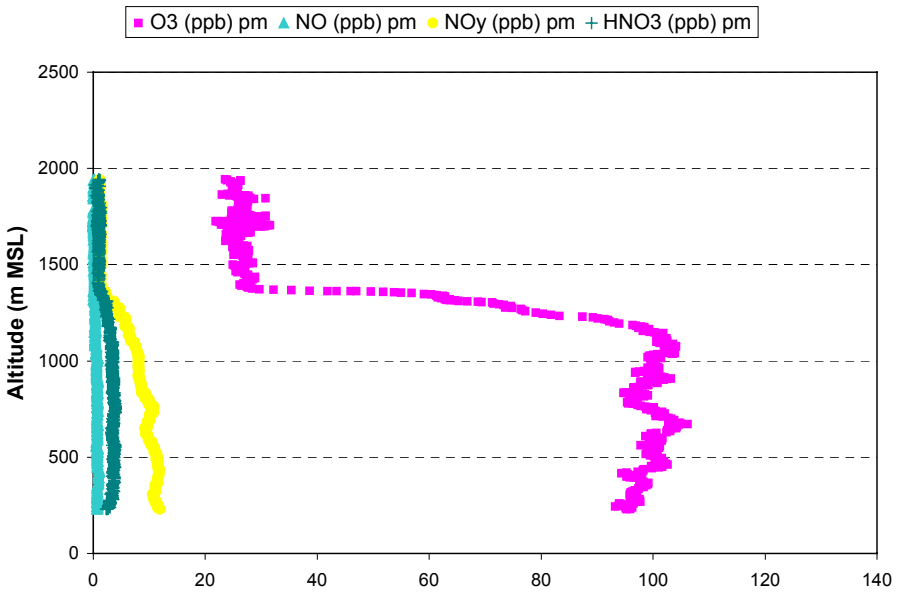

Figure 2.5-18. Ozone time-height profile at El Monte Airport on September 29, 1997.

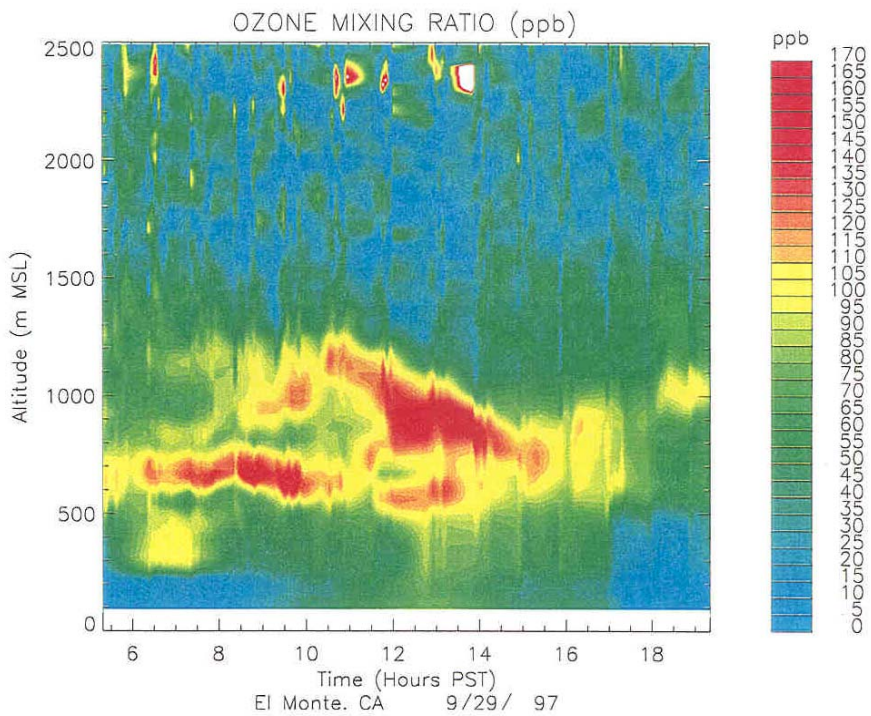
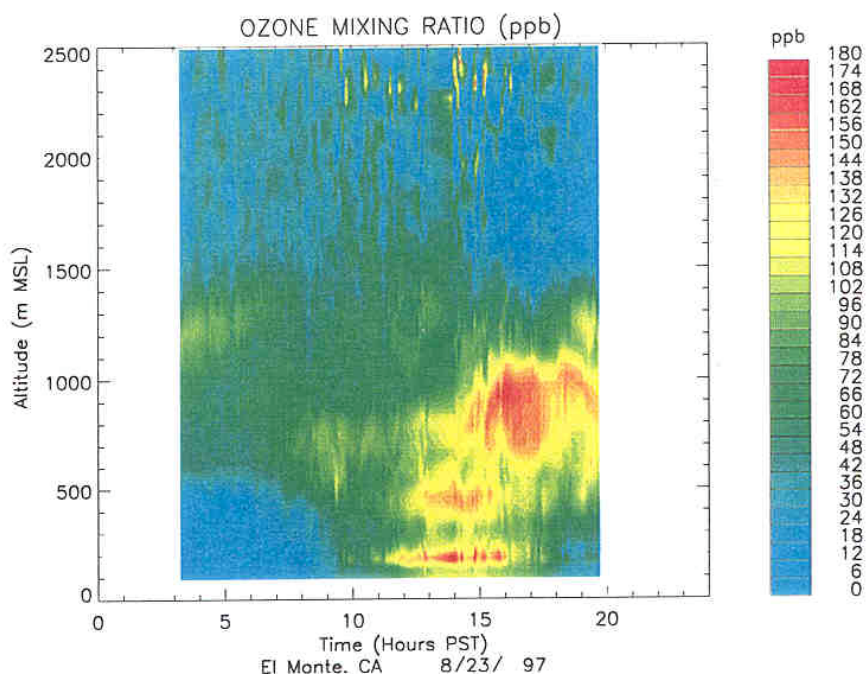
Figure 2.5-19. Ozone time-height profile at El Monte Airport on August 23, 1997.