















| Metropolitan Area | Ozone Forecast* for April 10, 2008 | April 10, 2008 as of 8:10 am CDT | | |
|-------------------------------------|--|-------------------------------------|----------------|--------|
| | | Peak Ozone Concentrations | | Ozone |
| | | One- Hour | Eight- Hour | Rating |
| Houston- Galveston-Brazoria 1 | No | 22 ppb | ++ | ** |
| Beaumont-Port Arthur | Season Begins 05/01/2008 | 23 ppb | ++ | ** |
| Dallas-Fort Worth | Season Begins 05/01/2008 | 51 ppb | ++ | ** |
| Tyler-Longview- Marshall | Season Begins 05/01/2008 | 40 ppb | ++ | ** |
| Austin | No | 47 ppb | ++ | ** |
| San Antonio | No | 37 ppb | ++ | ** |
| Corpus Christi | No | 30 ppb | ++ | ** |
| Victoria | Season Begins 05/01/2008 | 21 ppb | ++ | ** |
| El Paso-Juarez 1 | Season Begins 05/01/2008 | 59 ppb | ++ | ** |













$$[A] = [A]_{0} - akt \qquad t_{1/2} = [A]_{0}/2k$$

$$\ln[A] = \ln[A]_{0} - akt \qquad t_{1/2} = 0.693/k$$

$$I/[A] = I/[A]_{0} + akt \qquad t_{1/2} = I/k[A]_{0}$$

$$k = A e^{-Ea/RT} \qquad \ln(k_{2}/k_{1}) = -\frac{E_{a}}{R} \left[-\frac{1}{T_{2}} - \frac{1}{T_{1}}\right]$$
where the provided of the set of