

**Monthly Average Elemental Carbon Concentrations Measured in the  
Port of Los Angeles Monitoring Network**

**February 2005 – July 2011**

Month	Port of Los Angeles Monitoring Sites			
	Wilmington Community Site	Coastal Boundary Site	San Pedro Community Site	Source- Dominated Site
	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )	Conc. ( $\mu\text{g}/\text{m}^3$ )
Feb - 05	1.6	1.0	1.5	--
Mar - 05	0.9	0.8	0.7	--
Apr - 05	0.9	0.6	1.0	--
May - 05	0.9	0.6	0.9	1.3
Jun - 05	0.7	0.4	0.6	1.0
Jul - 05	1.0	0.5	0.9	1.2
Aug - 05	1.0	0.5	1.2	1.7
Sep - 05	1.6	1.1	1.7	2.8
Oct - 05	1.7	1.1	1.7	3.5
Nov - 05	2.2	2.0	2.3	3.9
Dec - 05	3.3	2.1	2.9	4.5
Jan - 06	2.3	1.8	2.3	3.2
Feb - 06	2.1	1.7	1.5	3.3
Mar - 06	0.9	0.4	0.9	1.6
Apr - 06	0.9	0.5	0.7	1.5
May - 06	0.9	0.5	0.8	1.2
Jun - 06	1.0	0.6	1.3	1.6
Jul - 06	1.1	0.8	1.1	1.7
Aug - 06	0.9	0.6	1.0	1.5
Sep - 06	1.4	0.7	1.8	1.9
Oct - 06	1.9	1.1	1.6	3.1
Nov - 06	2.7	2.3	2.7	4.7
Dec - 06	3.3	2.3	2.4	4.5
Jan - 07	3.6	2.1	2.5	4.4

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Feb - 07	1.7	1.5	1.9	3.2
Mar - 07	1.2	1.2	1.4	1.8
Apr - 07	0.7	0.4	0.8	1.2
May - 07	0.9	0.5	0.9	0.8
Jun - 07	0.7	0.9	0.8	1.0
Jul - 07	0.8	1.2	0.7	0.9
Aug - 07	0.9	1.2	1.2	1.4
Sep - 07	1.1	0.6	1.3	1.7
Oct - 07	1.6	1.3	2.0	3.0
Nov - 07	2.7	1.6	2.3	3.4
Dec - 07	3.1	1.8	2.3	3.4
Jan - 08	1.7	1.0	1.6	2.7
Feb - 08	1.5	1.6	1.6	3.0
Mar - 08	0.9	0.8	1.1	1.8
Apr - 08	0.7	0.5	0.7	1.2
May - 08	0.6	0.4	0.6	0.9
Jun - 08	0.6	0.4	0.9	1.1
Jul - 08	0.5	0.3	0.8	1.0
Aug - 08	0.5	0.4	0.7	1.0
Sep - 08	0.7	0.6	1.3	2.0
Oct - 08	1.2	1.4	2.0	2.8
Nov - 08	0.9	1.7	1.8	2.6
Dec - 08	1.4	1.1	1.2	2.3
Jan - 09	1.9	1.5	1.7	3.1
Feb - 09	0.9	0.6	1.0	1.4
Mar - 09	0.7	0.5	0.9	1.2
Apr - 09	0.6	0.3	0.8	0.7

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May - 09	0.4	0.2	0.5	0.4
Jun - 09	0.3	0.1	0.3	0.5
Jul - 09	0.5	0.3	0.7	0.6
Aug - 09	0.5	0.4	0.9	0.9
Sep - 09	0.6	0.4	0.9	0.9
Oct - 09	0.8	0.5	0.8	1.0
Nov - 09	1.5	1.3	1.6	2.3
Dec - 09	2.0	1.5	1.9	2.5
Jan - 10	1.6	1.4	1.9	2.3
Feb - 10	1.0	0.7	1.1	1.4
Mar - 10	0.5	0.5	0.7	0.8
Apr - 10	0.4	0.3	0.5	0.7
May - 10	0.4	0.2	0.3	0.4
Jun - 10	0.3	0.1	0.3	0.3
Jul - 10	0.5	0.2	0.5	0.5
Aug - 10	0.5	0.3	0.8	0.8
Sep - 10	0.7	0.3	0.8	1.0
Oct - 10	0.7	0.4	0.7	0.9
Nov - 10	1.2	0.9	1.1	1.6
Dec - 10	1.9	1.1	1.8	1.7
Jan - 11	1.6	1.3	1.8	1.9
Feb - 11	0.9	0.7	0.8	1.1
Mar - 11	0.8	0.5	0.8	0.9
Apr - 11	0.4	0.4	0.5	0.6
May - 11	0.3	0.4	0.6	0.5
Jun - 11	0.4	0.1	0.4	0.4
Jul - 11	0.4	0.2	0.4	0.4

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<b>Annual Averages</b>				
2005	1.4	1.0	1.4	2.5
2006	1.6	1.1	1.5	2.5
2007	1.6	1.2	1.5	2.2
2008	0.9	0.8	1.2	1.9
2009	0.9	0.6	1.0	1.3
2010	0.8	0.5	0.9	1.1
<ul style="list-style-type: none"> <li>• Elemental Carbon (EC) is considered to be a surrogate for diesel particulate matter (DPM).</li> <li>• No health-based federal/state standards have been established for EC.</li> <li>• The EC average for 2005 is based on 11 months of data (Feb-Dec).</li> </ul>				