

**Extra directions for Lab 8: Weather and Air Quality**

**Question 1**

<http://www3.epa.gov/ttn/naaqs/criteria.html>

**Question 2**

Ozone 8-hour averages require a minimum of six hours to calculate, so 6pm is the last 8-hour ozone average you can calculate. The maximum 8-hour ozone average that you calculated becomes Cp in the AQI formula.

**Question 5**

Label your axes.

**Question 7**

Here is the same table from the book that's a little easier to read.

Year	# Days above 90°F	# Ozone Exceedances	Year	# Days above 90°F	# Ozone Exceedances
1972	22	58	1994	35	63
1973	27	84	1995	51	70
1974	18	79	1996	14	51
1975	23	86	1997	34	56
1976	27	0	1998	38	75
1977	45	108	1999	37	68
1978	26	78	2000	11	37
1979	13	52	2001	22	51
1980	46	93	2002	48	67
1981	22	61	2003	14	29
1982	18	72	2004	11	32
1983	49	83	2005	29	44
1984	15	62	2006	39	37
1985	21	87	2007	45	55
1986	32	73	2008	27	31
1987	37	80	2009	13	11
1988	54	73	2010	59	44
1989	16	51	2011	34	29
1990	17	58	2012	45	30
1991	51	86			
1992	22	45			
1993	42	86			