



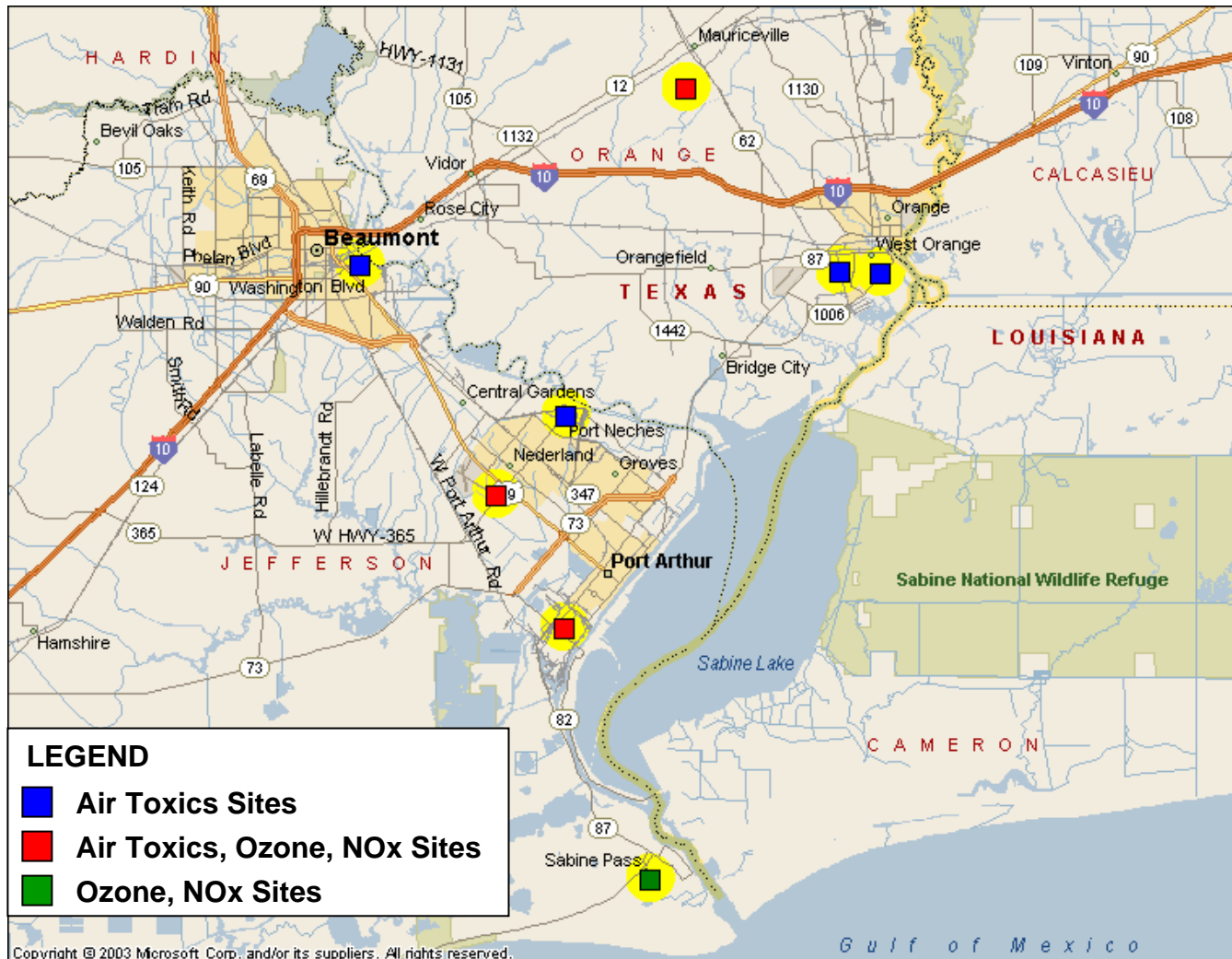
GOLDEN TRIANGLE PROGRESS TOWARDS OZONE ATTAINMENT

Outline

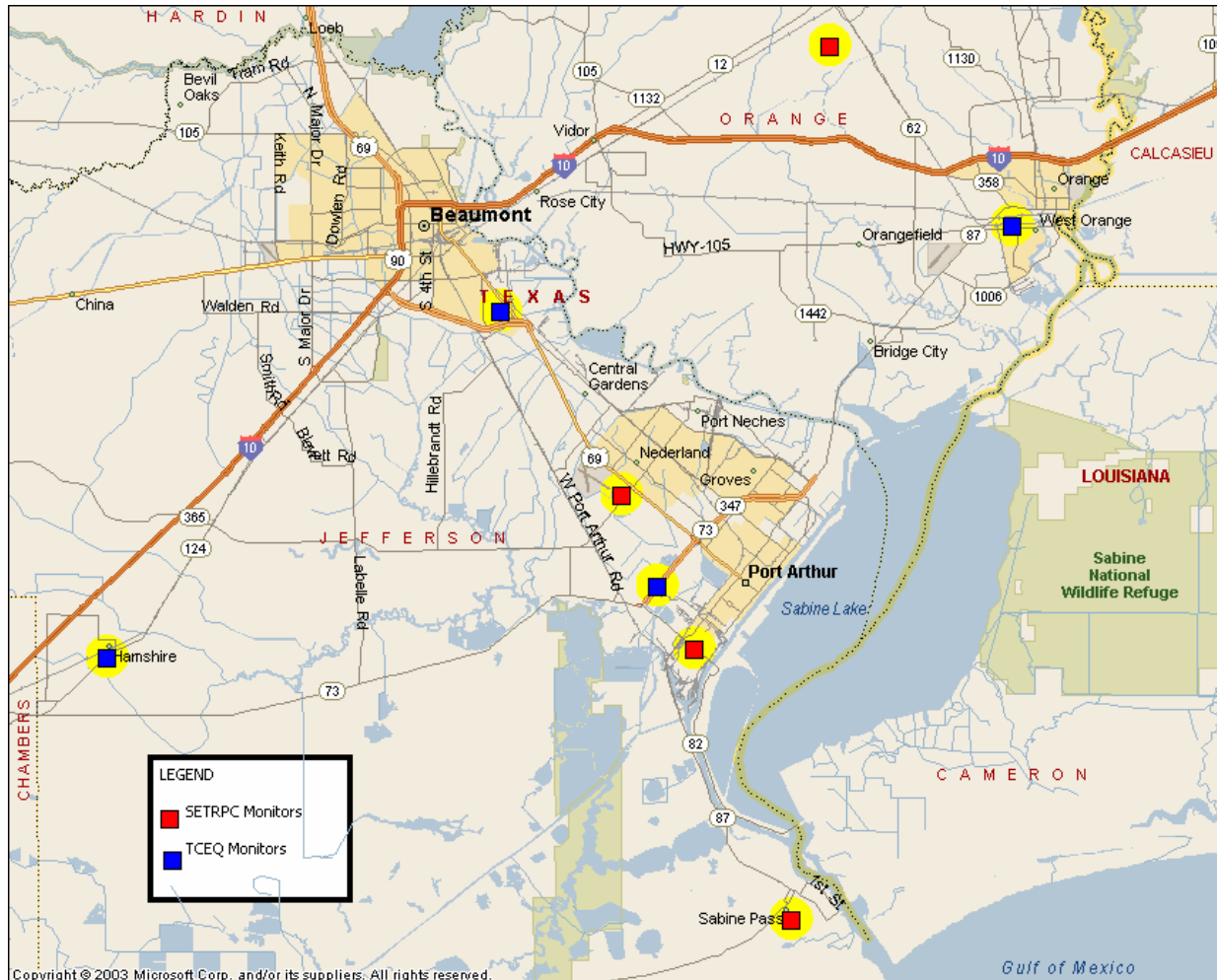


- 2006 ozone levels
- Ozone trends
- Ozone precursor trends

The SETRPC Air Quality Monitoring Network



Southeast Texas Ozone Monitors SETRPC and TCEQ Sites

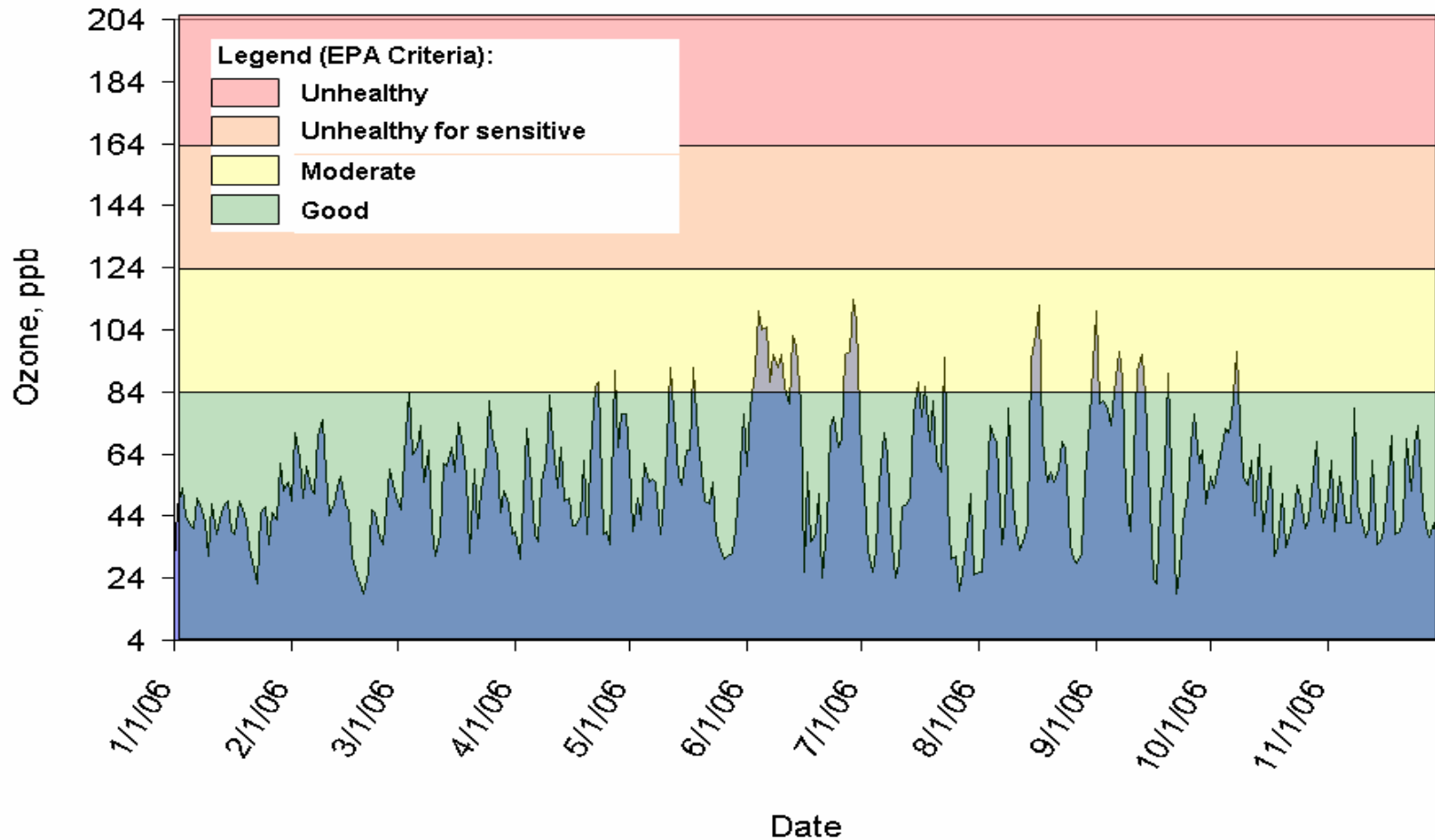


EPA Ozone Air Quality Index

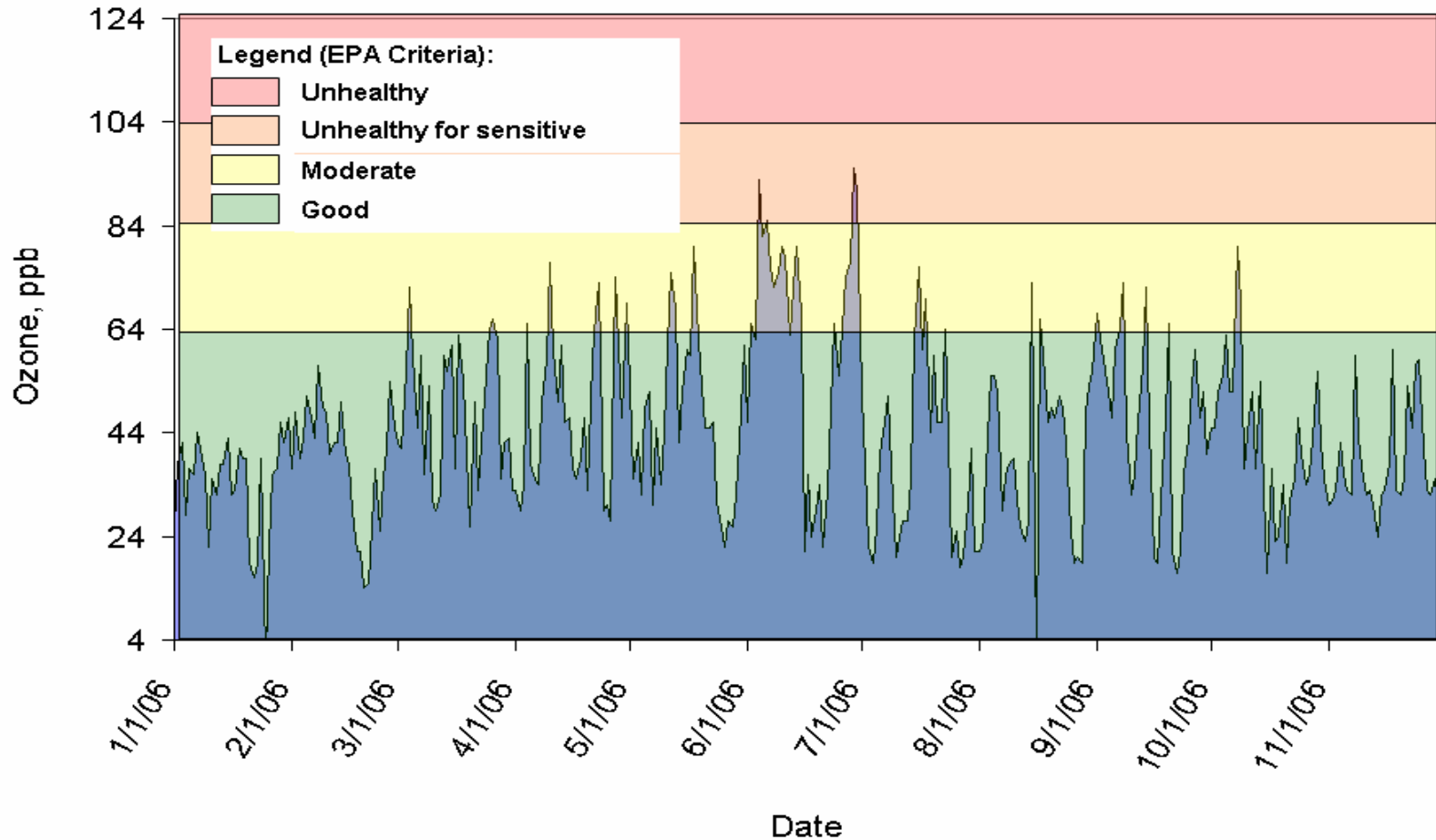


Category	1-Hour Range (ppb)	8-Hour Range (ppb)
Good	0 to 84	0 to 64
Moderate	85 to 124	65 to 84
Unhealthy for Sensitive Groups	125 to 164	85 to 104
Unhealthy	165 to 204	104 to 124

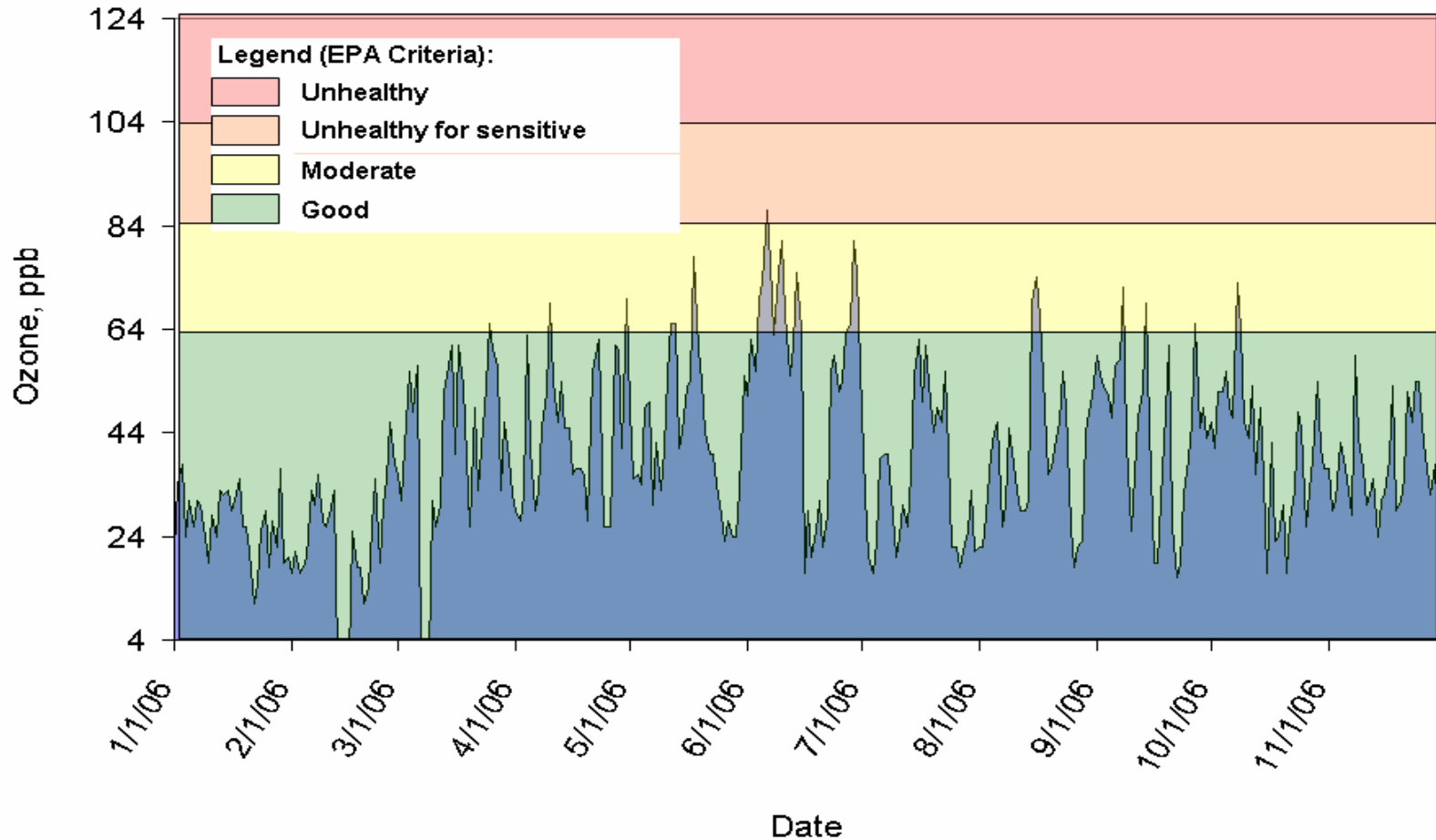
2006 Daily Maximum 1-Hour Ozone All TCEQ and SETRPC Monitors



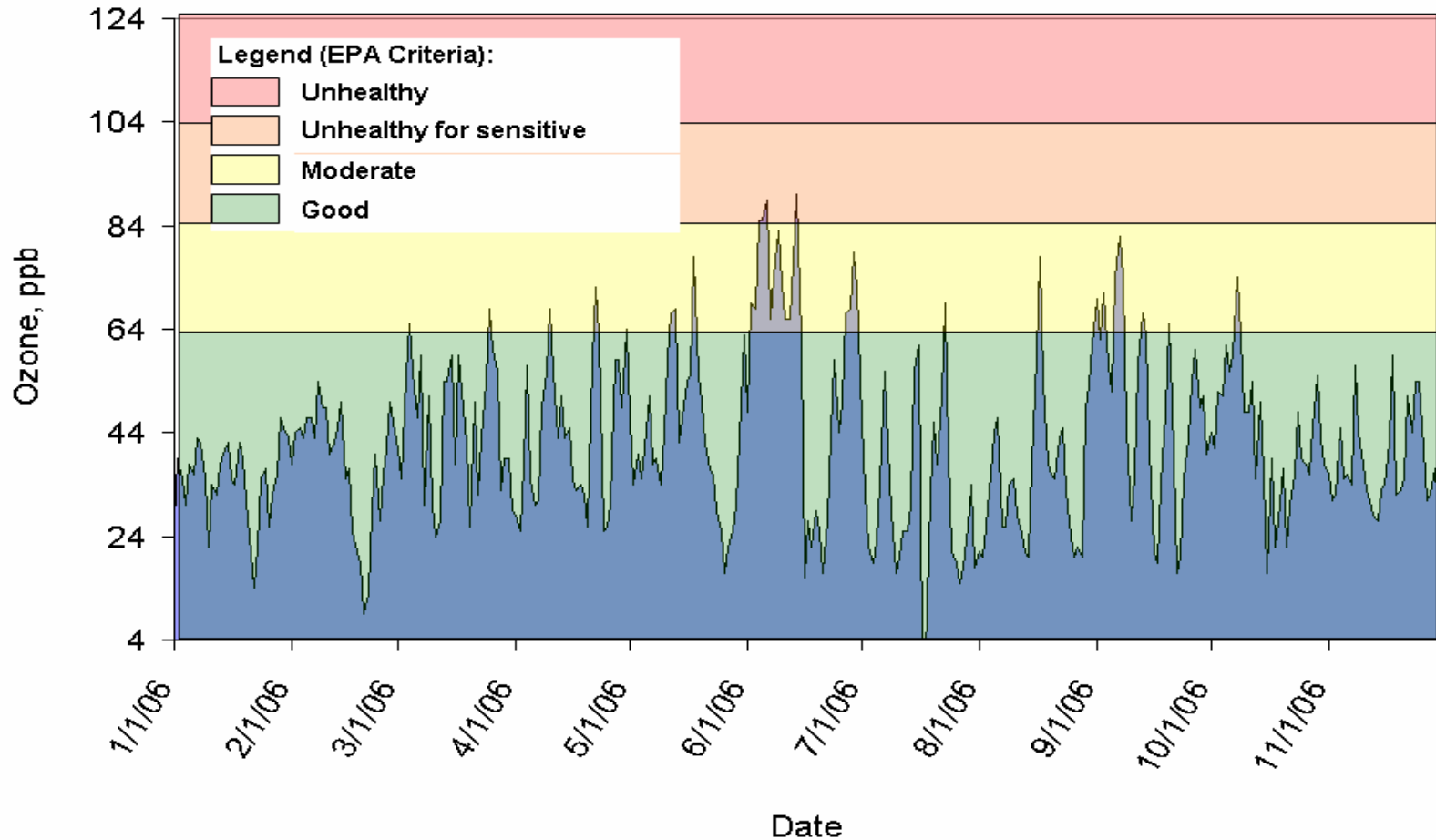
2006 Daily Maximum 8-Hour Ozone Beaumont



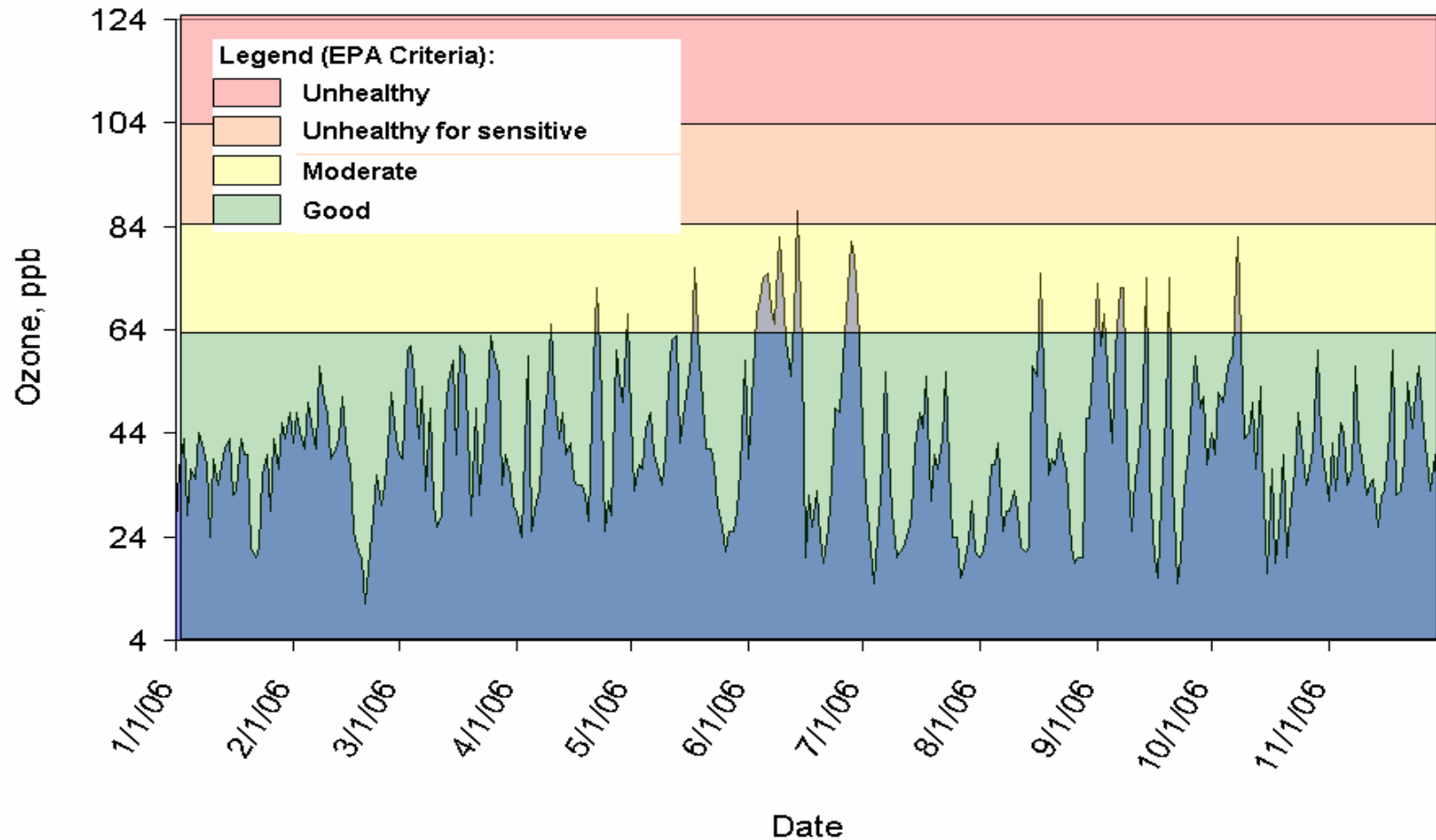
2006 Daily Maximum 8-Hour Ozone West Orange



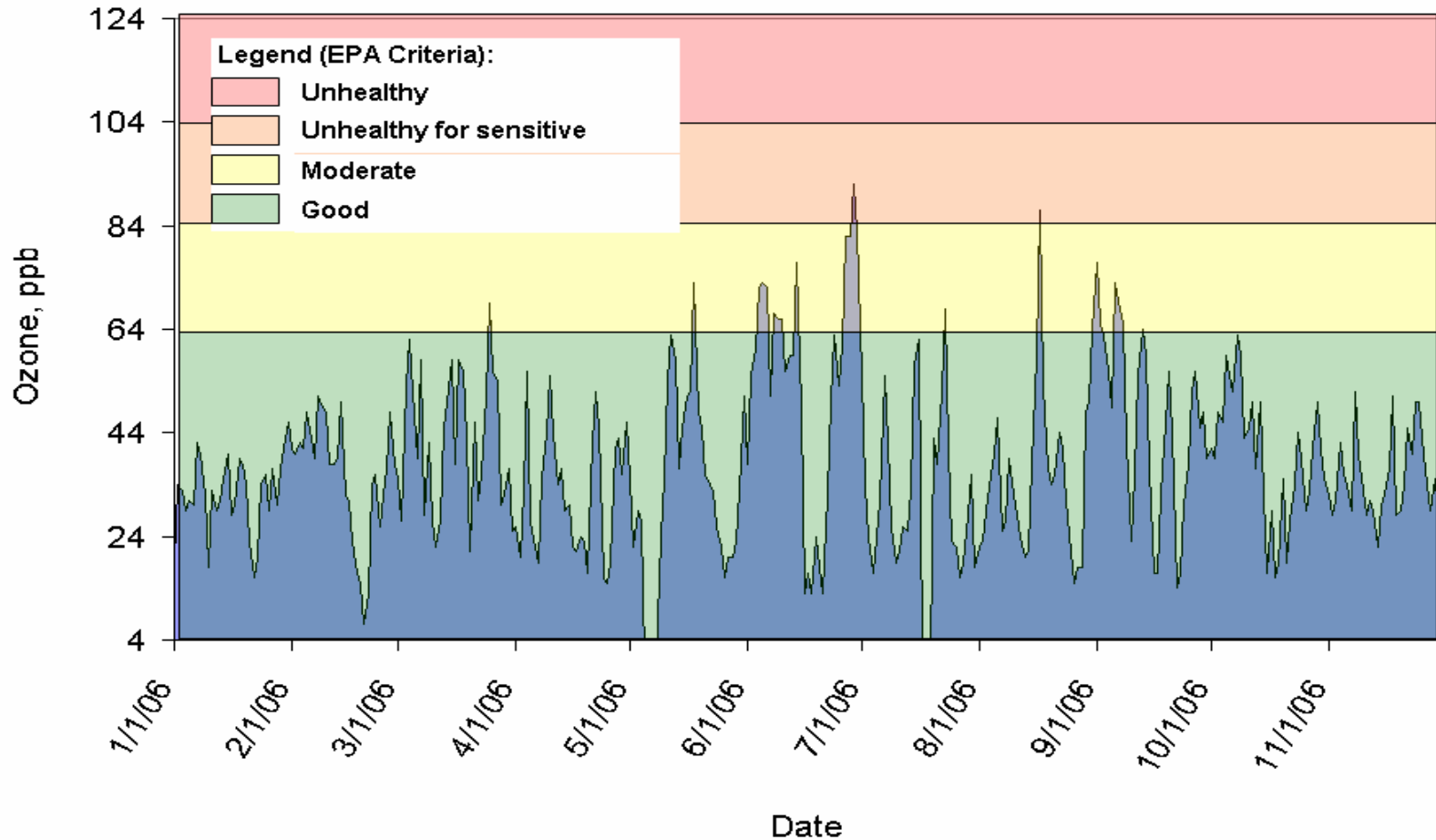
2006 Daily Maximum 8-Hour Ozone West Port Arthur



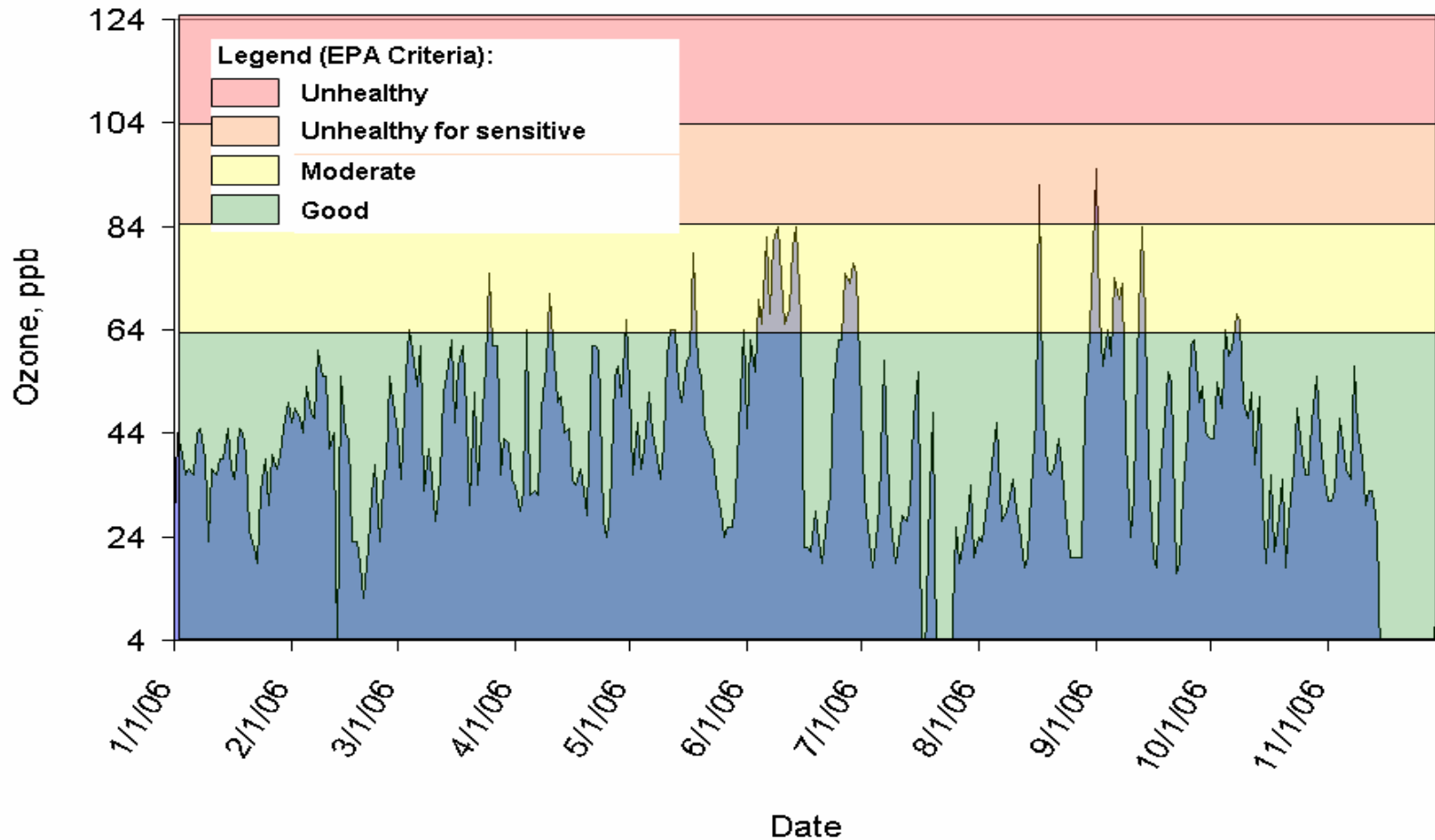
2006 Daily Maximum 8-Hour Ozone Hamshire



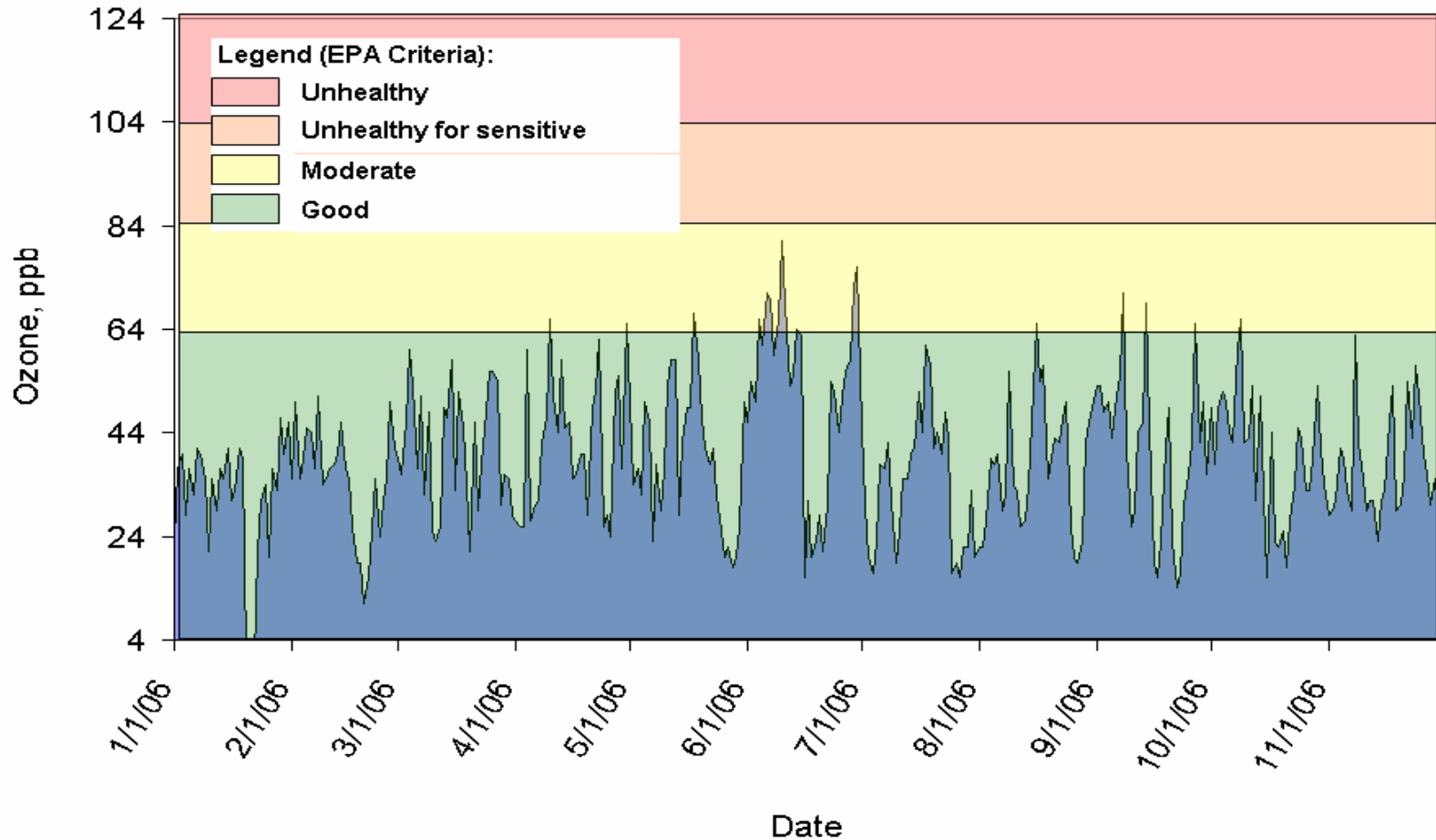
2006 Daily Maximum 8-Hour Ozone Port Arthur



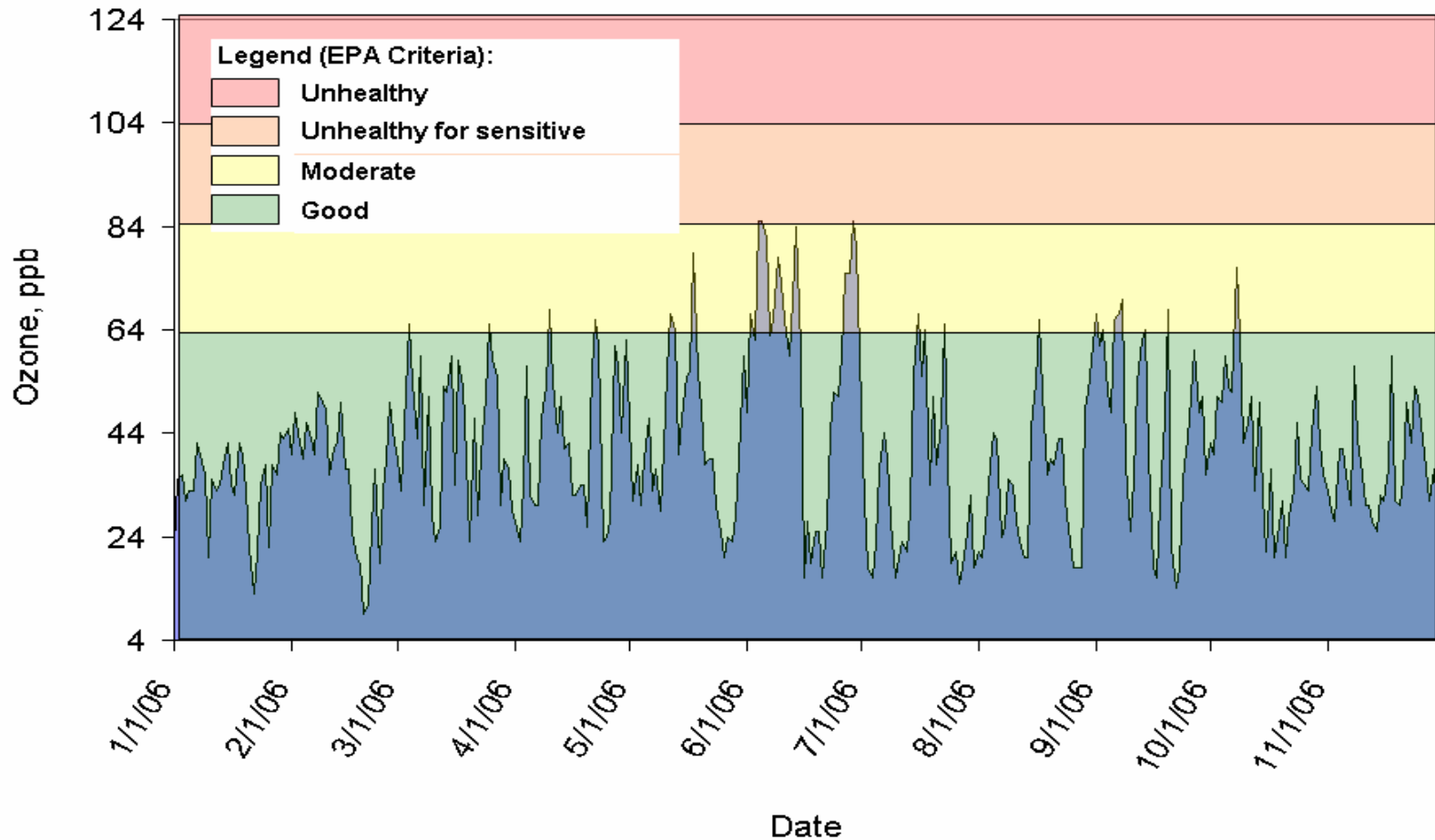
2006 Daily Maximum 8-Hour Ozone Sabine Pass



2006 Daily Maximum 8-Hour Ozone Mauriceville



2006 Daily Maximum 8-Hour Ozone SE TX Regional Airport



The 8-Hour Ozone Standard



- To attain this standard, the ***4th-highest*** daily maximum 8-hour ozone level measured in a year must not exceed 84 ppb (***when averaged over 3 consecutive years***)
- All monitoring sites must pass the attainment test

2006 8-Hour Ozone Summary



	Site	Ex Days (> 84 ppb)	High (ppb)	4 th High (ppb)
SETRPC Sites	Sabine Pass	2	95	84
	Mauriceville	0	81	71
	SETX Reg. Airport	3	85	84
	Port Arthur	2	92	82
TCEQ Sites	Beaumont	4	95	85
	West Orange	1	87	78
	Port Arthur	4	90	85
	Hamshire	1	87	81

2004-2006 8-Hour Ozone Summary



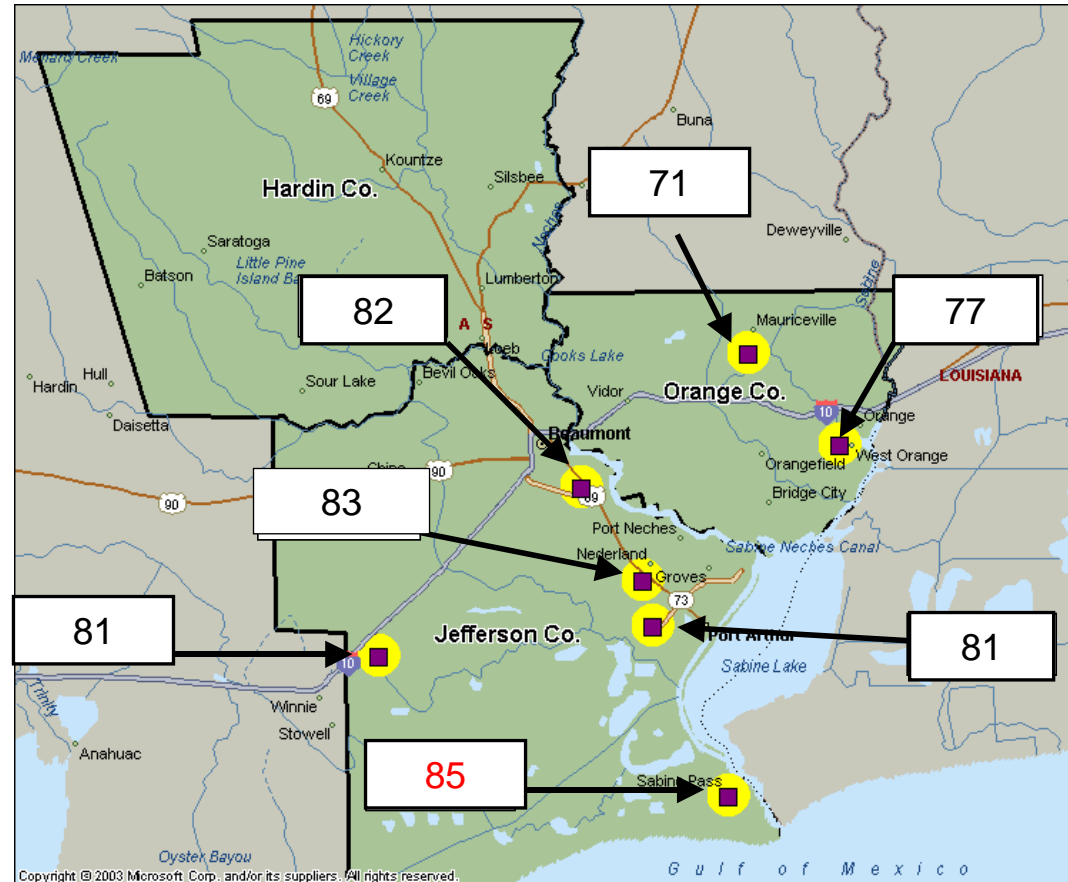
Monitoring Site	Fourth Highest Average			Current Three-Year Average
	2004	2005	2006 as of 11/30/06	
Beaumont-Lamar	82	81	85	82
West Orange	78	75	78	77
Port Arthur West	80	79	85	81
Hamshire	84	80	81	81
SETRPC Port Arthur	41 *	78	82	67
SETRPC Sabine Pass	91	82	84	85
SETRPC Mauriceville	66	76	71	71
SETRPC SETX Regional Airport	84	83	84	83
* Incomplete data				

8-Hour Ozone

2004 – 2006 4th Highest Daily Max (ppb)



- Attainment of the 8-hour standard is not based on the number of exceedance days
- Instead, attainment is determined by the 4th highest daily maximum 8-hour ozone level – averaged over three consecutive years
- **Sabine Pass is only nonattainment monitor**

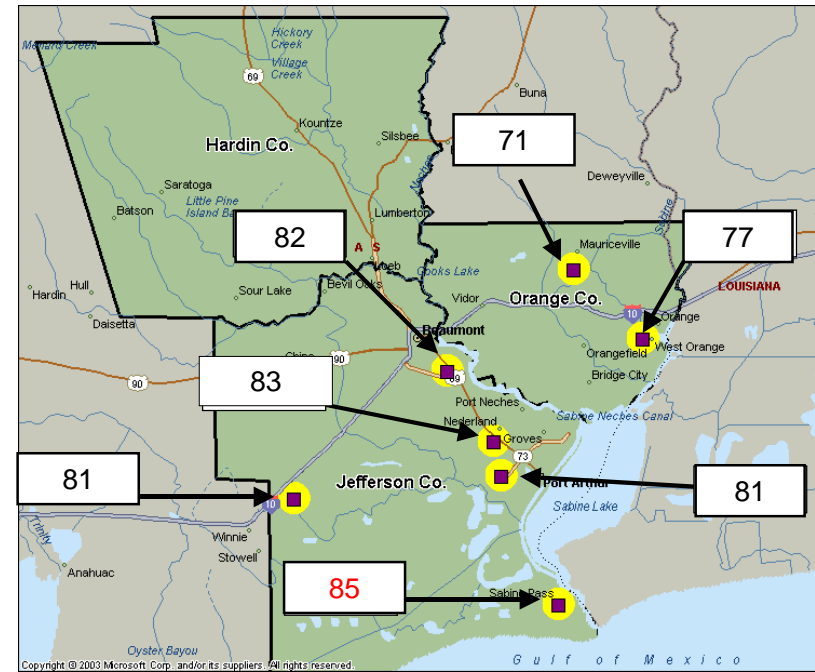
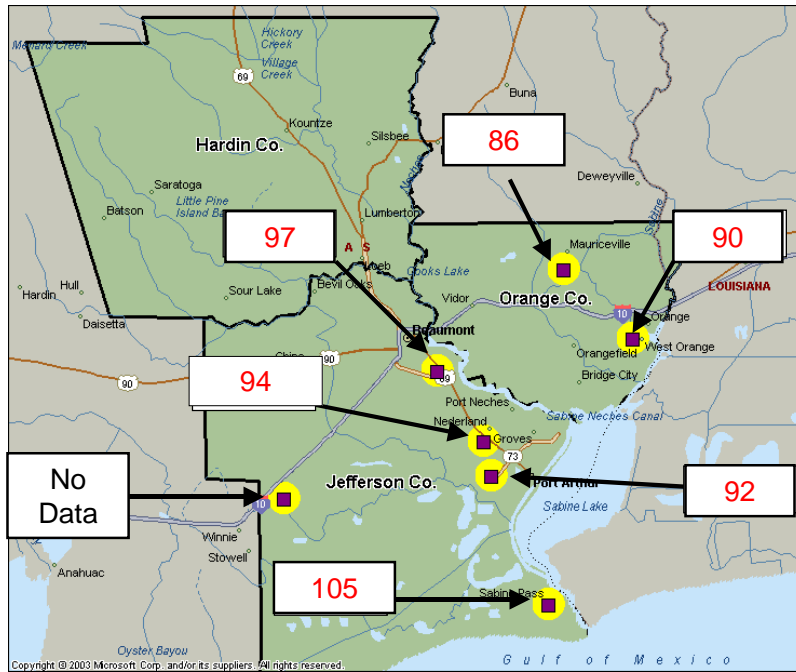


8-Hour Ozone: Then and Now

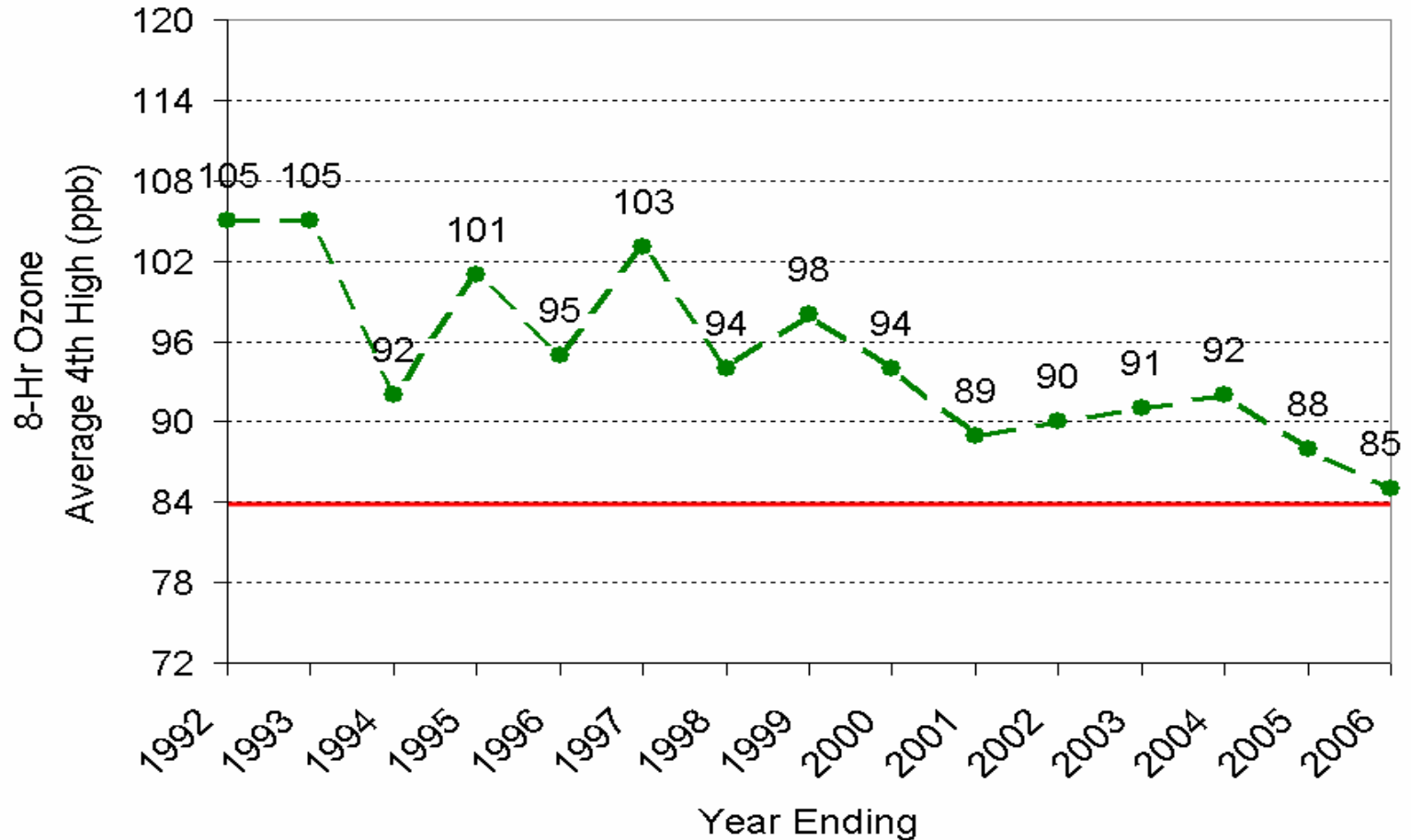


1991 - 1993

2004 - 2006



8-Hour Trend 4th Highest Daily Max Long-Term Progress Toward Attainment



Ozone Precursor Emission Trends

