



2011 Ozone Exceedances (so far)			
Date	# of Monitors Exceeding	Highest Monitor	Highest Concentration (ppb)
5/30/2011	1	Calvert County	76
5/31/2011	7	Franconia	96
6/7/2011	1	Beltsville	76
6/8/2011	11	Prince George's Equestrian Center	95
6/9/2011	8	Calvert County	93
6/10/2011	9	Alexandria & Aurora Hills	100
6/18/2011	1	Prince George's Equestrian Center	76
6/28/2011	1	Prince George's Equestrian Center	76
7/1/2011	2	Prince George's Equestrian Center	80
7/2/2011	13	Alexandria	90
7/5/2011	4	Prince George's Equestrian Center	85
7/7/2011	8	HU-Beltsville	94
* Analysis is based on draft data until July 11, 2011. Data is subject to change.			



Poor Air Quality Events in July 2011

✤ July 1st brought high pressure bringing clear conditions to the area. Winds were calm on this day.

✤ July 2nd saw the surface high pressure move offshore, giving us light southerly flow. This southerly flow advected warmer conditions to the area which allowed for higher rates of ozone production.

Recirculation was a very important factor in keeping the pollution from the previous day. This lag ozone from July 1 added to the ozone cooked on July 2 leading to the wide spread high ozone levels all over the area.

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