



# 2013 Ozone Action Day Program

## May 1 – October 31



TRANSPORTATION &  
ENVIRONMENTAL  
RESOURCES

Ozone Action Day	Max 8-Hr
July 4	74
August 29	64
August 30	69
September 26	77

Ozone Exceedance But No Ozone Action Day	Max 8-Hr
July 13	77

Ozone Exceedance Before/After Ozone Action Day Season	Max 8-Hr
None	



# Beaumont/Port Arthur 2013 8-Hour Ozone Exceedances



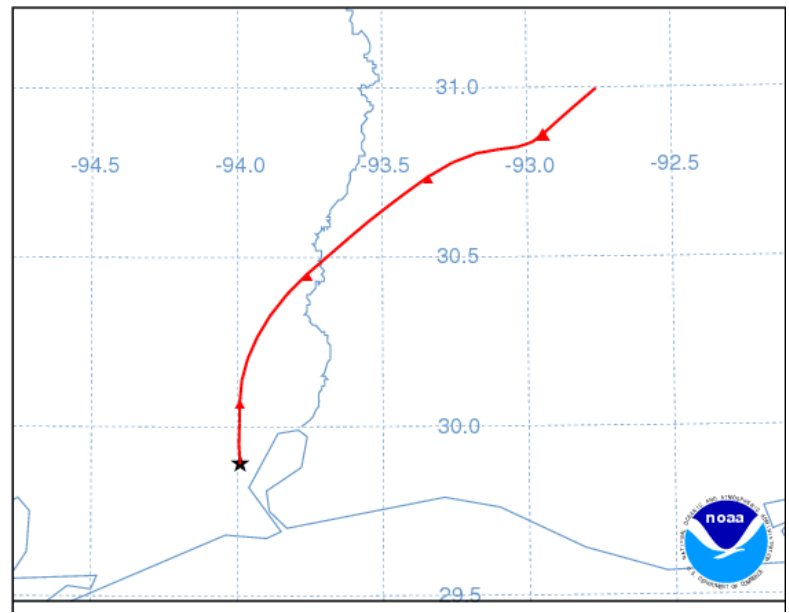
#	Ozone Action Day	Ozone Exceedance Day	Monitors and Max 8-Hr Values (ppb)
1	No	July 13	TCEQ Port Arthur (77)
2	Yes	September 26	TCEQ Beaumont (77), TCEQ Nederland (76)



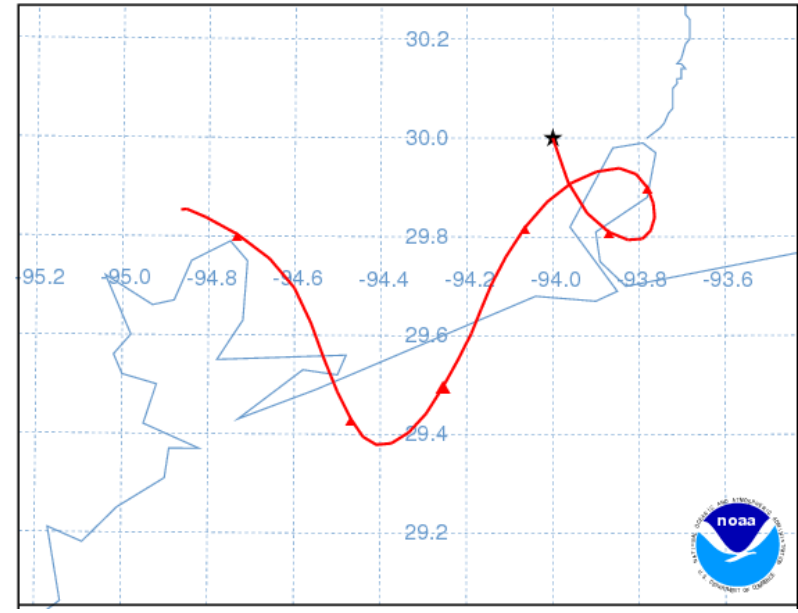
# Beaumont/Port Arthur 2013 8-Hour Ozone Exceedances



NOAA HYSPLIT MODEL  
Backward trajectory ending at 2100 UTC 13 Jul 13  
GDAS Meteorological Data

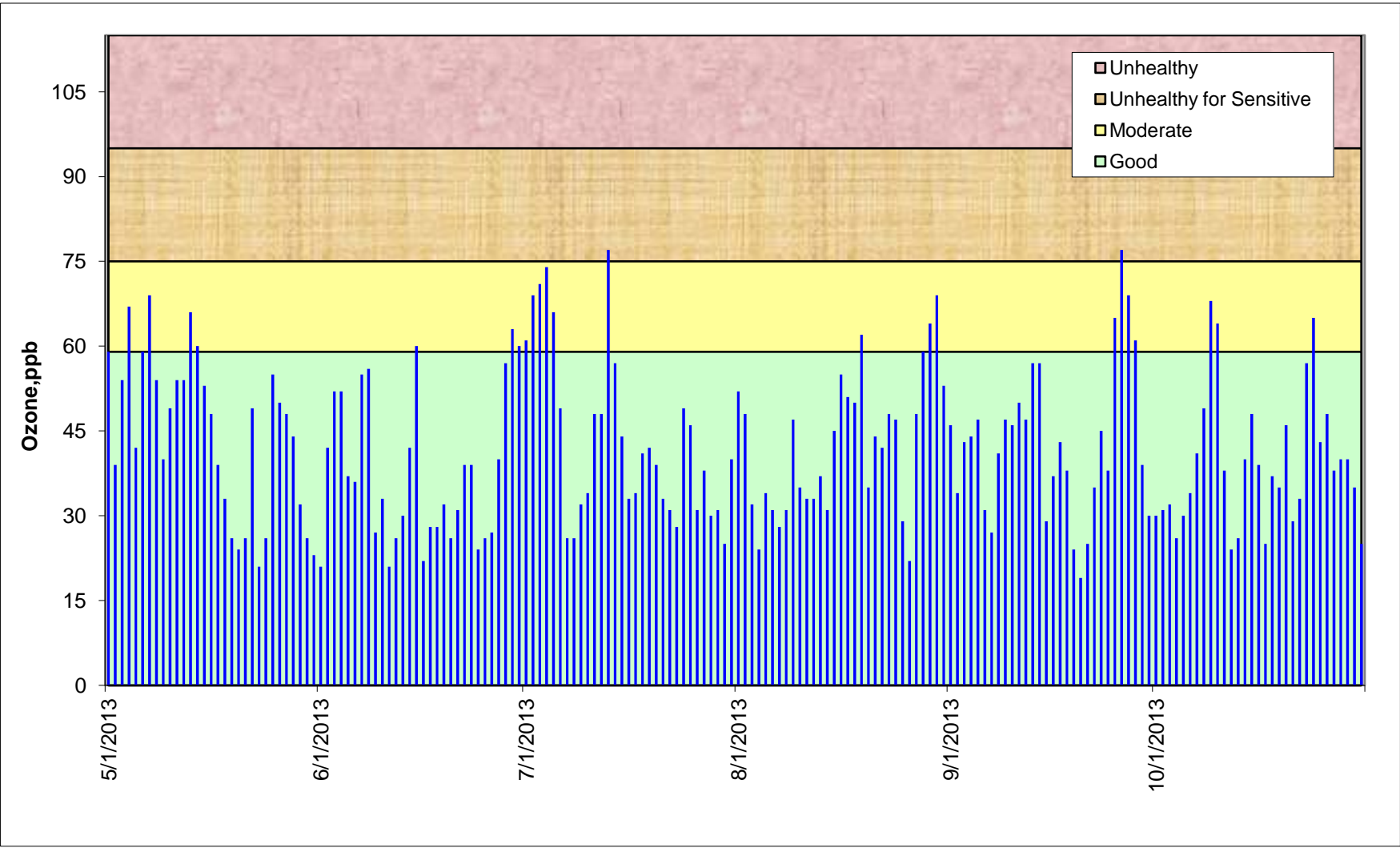


NOAA HYSPLIT MODEL  
Backward trajectory ending at 2100 UTC 26 Sep 13  
GDAS Meteorological Data





# 2013 Daily Maximum 8-Hour Ozone Ozone Action Day Season





# Average 4<sup>th</sup> Highest 8-Hour Ozone Value (ppb) (Attainment when all sites $\leq$ 75 ppb)



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Monitor	2011 4th High	09-11 <b>Design Value</b>	2012 4th High	10-12 <b>Design Value</b>	2013 4th High	2013 (trigger)	11-13 <b>Design Value</b>
T-Beaumont	76	73	75	75	65	77	72
T-West Orange	75	75	72	74	62	81	69
T-Port Arthur	76	<b>76</b>	66	74	64	86	68
T-Hamshire	75	71	73	72	66	80	71
S-Sabine Pass	84	<b>79</b>	76	<b>80</b>	67	68	75
S-Airport	73	71	70	71	58	85	67
S-Mauriceville	72	69	67	69	67	89	68
S-Port Arthur	70	69	81	73	59	77	70
T-Nederland	74	72	69	72	65	85	69

NAAQS: 75 ppb

As of 11/6/13