

# 2016 Ozone Action Day Program

## May 1 – October 31



| Ozone Action Day | Max 8-Hr |
|------------------|----------|
| June 30          | 61       |
| July 1           | 60       |

| Ozone Exceedance<br>But No Ozone Action Day | Max 8-Hr |
|---------------------------------------------|----------|
|                                             |          |

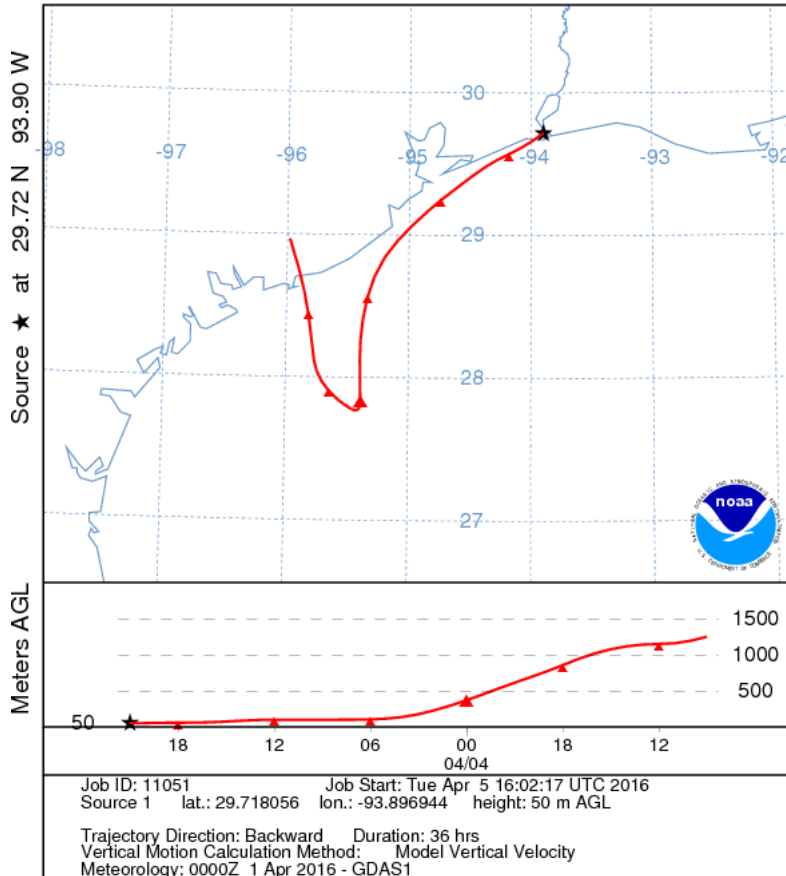
| Ozone Exceedance<br>Before/After<br>Ozone Action Day Season | Max 8-Hr |
|-------------------------------------------------------------|----------|
| April 4                                                     | 74       |
| April 7                                                     | 73       |

# Beaumont/Port Arthur 2016 8-Hour Ozone 70 ppb Exceedances

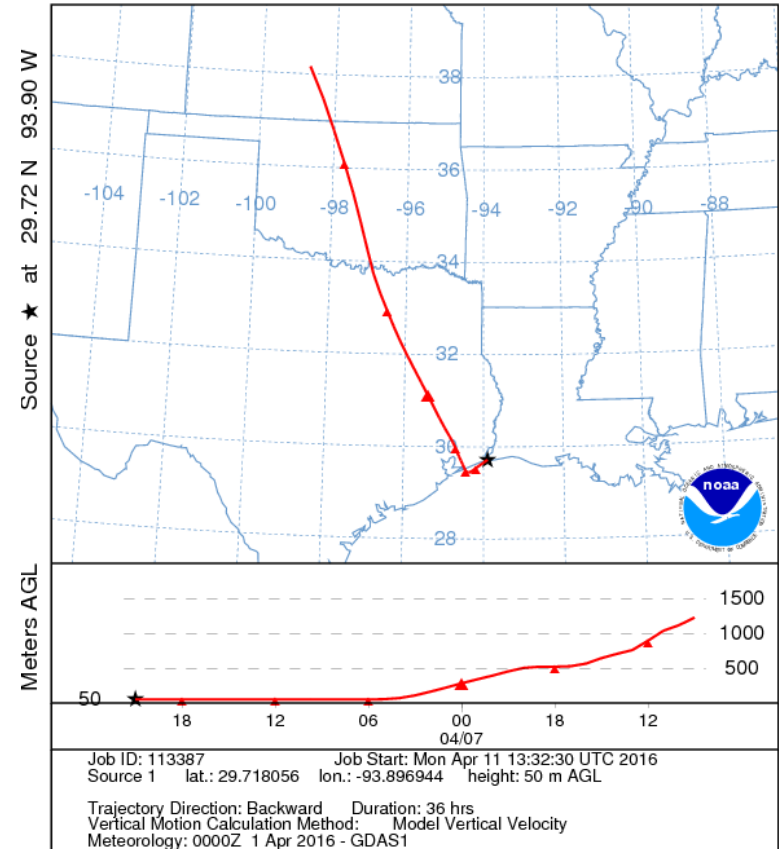
| # | Ozone Action Day | Ozone Exceedance Day | Monitors and Max 8-Hr Values (ppb) |
|---|------------------|----------------------|------------------------------------|
| 1 | Before Season    | Monday, April 4      | Sabine Pass (74)                   |
| 2 | Before Season    | Thursday, April 7    | Sabine Pass (73)                   |

# Beaumont/Port Arthur 2016 8-Hour 70 ppb Ozone Exceedances

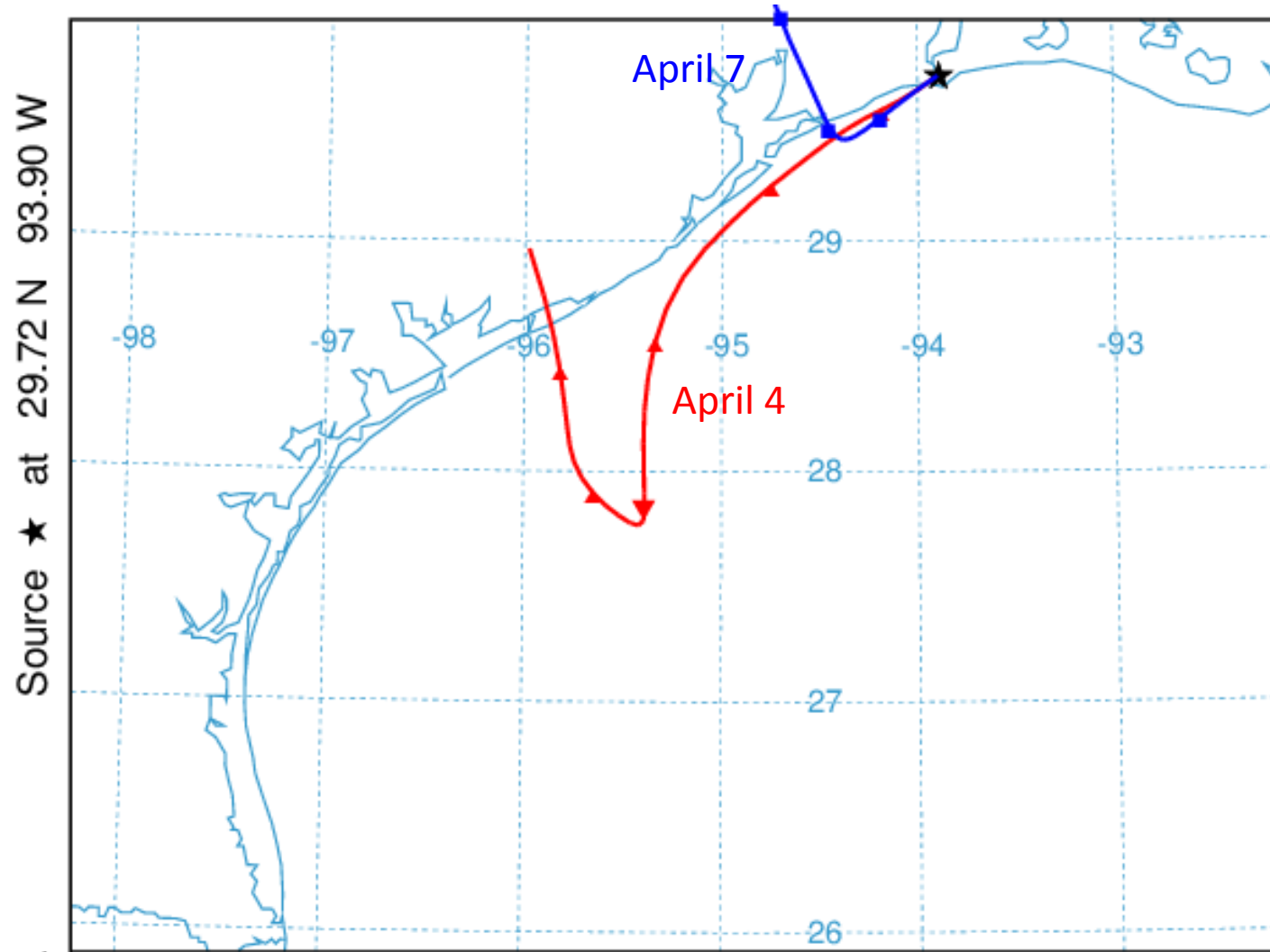
NOAA HYSPLIT MODEL  
Backward trajectory ending at 2100 UTC 04 Apr 16  
GDAS Meteorological Data



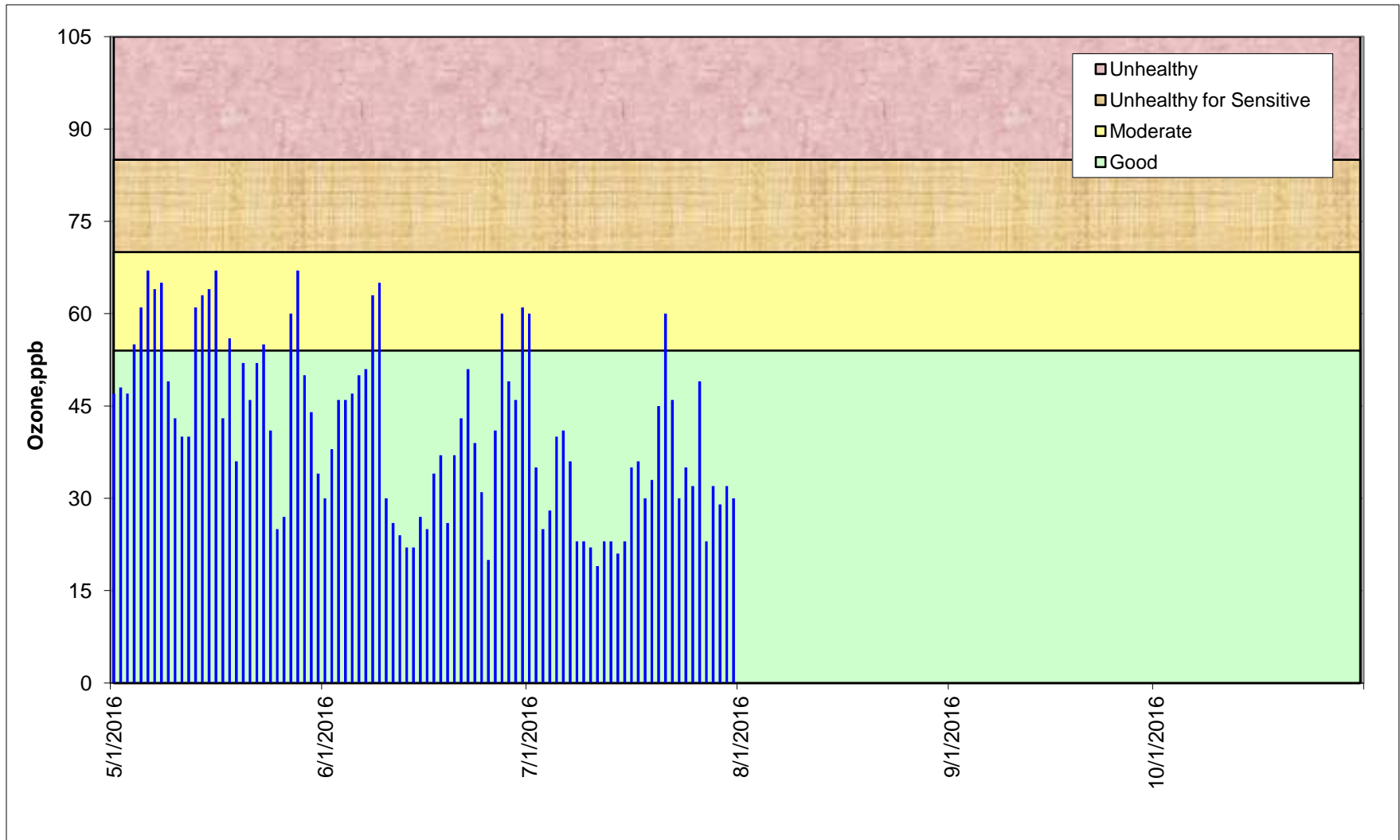
NOAA HYSPLIT MODEL  
Backward trajectory ending at 2100 UTC 07 Apr 16  
GDAS Meteorological Data



## 2016 8-Hour 70 ppb Ozone Exceedances



# 2016 Daily Maximum 8-Hour Ozone Ozone Action Day Season



# Average 4<sup>th</sup> Highest 8-Hour Ozone Value (ppb)

(Attainment when all design values  $\leq$  70 ppb)



| Monitor        | 2014<br>4 <sup>th</sup><br>High | 12-14<br><b>Design<br/>Value</b> | 2015<br>4 <sup>th</sup><br>High | 13-15<br><b>Design<br/>Value</b> | 2016<br>4 <sup>th</sup><br>High | 2016<br>trigger | 14-16<br><b>Design<br/>Value</b> |
|----------------|---------------------------------|----------------------------------|---------------------------------|----------------------------------|---------------------------------|-----------------|----------------------------------|
| T-Beaumont     | 65                              | 68                               | 69                              | 66                               | 60                              | 79              | 64                               |
| T-West Orange  | 63                              | 65                               | 62                              | 62                               | 58                              | 88              | 61                               |
| T-Port Arthur  | 63                              | 64                               | 75                              | 67                               | 63                              | 75              | 67                               |
| T-Hamshire     | 67                              | 68                               | 68                              | 67                               | 64                              | 78              | 66                               |
| S-Sabine Pass  | 67                              | 70                               | 64                              | 66                               | 67                              | 82              | 66                               |
| S-Airport      | 62                              | 63                               | 65                              | 61                               | 54                              | 86              | 60                               |
| S-Mauriceville | 68                              | 67                               | 65                              | 66                               | 61                              | 80              | 64                               |
| S-Port Arthur  | 56                              | 65                               | 70                              | 61                               | 55                              | 87              | 60                               |
| T-Nederland    | 67                              | 67                               | 74                              | 68                               | 63                              | 72              | 68                               |

NAAQS: 70 ppb

As of 7/31/16