

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 AIR QUALITY SUMMARY REPORT

May. 12, 2010

MSA: Wilmington, NC

YEAR: 2009

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| | JAN 2009 | FEB 2009 | MAR 2009 | APR 2009 | MAY 2009 | JUN 2009 | JUL 2009 | AUG 2009 | SEP 2009 | OCT 2009 | NOV 2009 | DEC 2009 |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 01 | 13 H | 26 U | 9 U | 39 W | 29 F | 40 M | 51 W | 24 S | 40 T | 38 H | 12 U | 14 T |
| 02 | 16 F | 26 M | 24 M | 36 H | 31 S | 34 T | 49 H | 27 U | 24 W | 27 F | 28 M | 17 W |
| 03 | 31 S | 21 T | 25 T | 44 F | 36 U | 31 W | 36 F | 33 M | 22 H | 37 S | 24 T | 20 H |
| 04 | 39 U | 23 W | 22 W | 46 S | 26 M | 21 H | 40 S | 51 T | 27 F | 31 U | 36 W | 22 F |
| 05 | 33 M | 22 H | 24 H | 44 U | 24 T | 29 F | 46 U | 45 W | 46 S | 25 M | 32 H | 15 S |
| 06 | 25 T | 25 F | 24 F | 41 M | 25 W | 25 S | 33 M | 33 H | 40 U | 24 T | 24 F | 28 U |
| 07 | 16 W | 64 S | 41 S | 36 T | 29 H | 30 U | 32 T | 43 F | 19 M | 29 W | 22 S | 27 M |
| 08 | 15 H | 60 U | 38 U | 44 W | 38 F | 31 M | 47 W | 42 S | 23 T | 29 H | 31 U | 31 T |
| 09 | 20 F | 35 M | 36 M | 51 H | 35 S | 30 T | 38 H | 47 U | 32 W | 33 F | 4 M | 27 W |
| 10 | 17 S | 32 T | 23 T | 44 F | 39 U | 40 W | 31 F | 52 M | 25 H | 25 S | 17 T | 19 H |
| 11 | 27 U | 21 W | 52 W | 40 S | 26 M | 35 H | 35 S | 52 T | 26 F | 35 U | 6 W | 15 F |
| 12 | 37 M | 17 H | 47 H | 41 U | 38 T | 51 F | 39 U | 47 W | 43 S | 18 M | 4 H | 18 S |
| 13 | 30 T | 23 F | 29 F | 41 M | 45 W | 42 S | 31 M | 44 H | 28 U | 27 T | 11 F | 14 U |
| 14 | 34 W | 36 S | 15 S | 36 T | 35 H | 36 U | 44 T | 30 F | 34 M | 50 W | 12 S | 7 M |
| 15 | 30 H | 38 U | 38 U | 30 W | 25 F | 40 M | 68 W | 25 S | 41 T | 13 H | 16 U | 1 T |
| 16 | 21 F | 34 M | 11 M | 43 H | 19 S | 36 T | 36 H | 36 U | 42 W | 16 F | 26 M | 24 W |
| 17 | 24 S | 29 T | 15 T | 54 F | 30 U | 35 W | 40 F | 42 M | 48 H | 19 S | 12 T | 23 H |
| 18 | 27 U | 26 W | 24 W | 61 S | 47 M | 27 H | 37 S | 30 T | 31 F | 18 U | 25 W | 13 F |
| 19 | 21 M | 22 H | 23 H | 38 U | 54 T | 54 F | 42 U | 16 W | 29 S | 26 M | 9 H | 18 S |
| 20 | 37 T | 21 F | 32 F | 36 M | 29 W | 62 S | 35 M | 19 H | 34 U | 37 T | 23 F | 27 U |
| 21 | 56 W | 23 S | 25 S | 45 T | 38 H | 43 U | 36 T | 20 F | 30 M | 38 W | 34 S | 23 M |
| 22 | 44 H | 25 U | 23 U | 43 W | 22 F | 53 M | 23 W | 27 S | 14 T | 34 H | 34 U | 25 T |
| 23 | 53 F | 29 M | 28 M | 51 H | 20 S | 34 T | 28 H | 30 U | 22 W | 27 F | 31 M | 26 W |
| 24 | 41 S | 20 T | 20 T | 48 F | 20 U | 39 W | 36 F | 42 M | 22 H | 24 S | 13 T | 25 H |
| 25 | 25 U | 21 W | 18 W | 44 S | 19 M | 50 H | 34 S | 37 T | 28 F | 31 U | 18 W | 19 F |
| 26 | 24 M | 38 H | 28 H | 37 U | 16 T | 42 F | 42 U | 25 W | 23 S | 16 M | 17 H | 4 S |
| 27 | 32 T | 27 F | 27 F | 38 M | 19 W | 51 S | 32 M | 23 H | 21 U | 15 T | 14 F | 6 U |
| 28 | 22 W | 32 S | 27 S | 36 T | 32 H | 45 U | 35 T | 21 F | 40 M | 21 W | 21 S | 7 M |
| 29 | 12 H | | 19 U | 36 W | 32 F | 63 M | 26 W | 29 S | 33 T | 26 H | 25 U | 17 T |
| 30 | 21 F | | 20 M | 32 H | 34 S | 70 T | 37 H | 42 U | 26 W | 19 F | 21 M | 14 W |
| 31 | 18 S | | 28 T | | 44 U | | 22 F | 29 M | | 26 S | | 4 H |

| | Good < or = 50 | Moderate 51-100 | Unhealthy for Sensitive Groups 101-150 | Unhealthy 151-200 | Very Unhealthy 201-300 | -----Hazardous----- >301 |
|------------------------------|-------------------|--------------------|---|----------------------|---------------------------|-----------------------------|
| No. of Days with AQI Values: | 343 | 22 | 0 | 0 | 0 | 0 |

Highest AQI/YR = 70 Total Days with AQI Values = 365

Days CO = 0 Days O3 = 144 Days SO2 = 26 Days NO2 = 0 Days PM2.5 = 195 Days PM10 = 0