

UTAH HISTORICAL SUMMARY
WINTER AIR QUALITY ALERT PROGRAM

| | WINTER | SALT LAKE COUNTY (days) | | DAVIS COUNTY (days) | | UTAH COUNTY (days) | | WEBER COUNTY (days) | | CACHE COUNTY (days) | | TOOELE COUNTY (days) | |
|--------------|-------------|----------------------------|-----------|------------------------|-----------|-----------------------|-----------|------------------------|-----------|------------------------|-----------|-------------------------|-----------|
| | | Voluntary | Mandatory | Voluntary | Mandatory | Voluntary | Mandatory | Voluntary | Mandatory | Voluntary | Mandatory | Voluntary | Mandatory |
| PM2.5 | 2016-2017 | 28 | 18 | 28 | 18 | 26 | 15 | 26 | 15 | 23 | 21 | 5 | 5 |
| | 2015-2016 | 14 | 30 | 17 | 25 | 17 | 27 | 15 | 27 | 11 | 38 | 17 | 9 |
| | 2014-2015 | 13 | 23 | 12 | 23 | 13 | 21 | 15 | 21 | 11 | 18 | 14 | 10 |
| | 2013-2014 | 18 | 31 | 18 | 31 | 13 | 33 | 22 | 29 | 14 | 36 | 14 | 16 |
| | 2012-2013** | 14 | 35 | 14 | 35 | 17 | 33 | 20 | 36 | 22 | 42 | 20 | 17 |
| | | Yellow | Red | Yellow | Red | Yellow | Red | Yellow | Red | Yellow | Red | Yellow | Red |
| | 2011-2012 | 16 | 2 | 16 | 2 | 8 | 1 | 12 | 2 | 3 | 0 | 2 | 17 |
| | 2010-2011 | 11 | 16 | 11 | 16 | 11 | 6 | 11 | 13 | 12 | 15 | 7 | 6 |
| | 2009-2010 | 22 | 22 | 22 | 22 | 16 | 9 | 23 | 12 | 17 | 29 | | |
| | 2008-2009 | 14 | 7 | 14 | 7 | 11 | 12 | 15 | 7 | 7 | 17 | | |
| 2007-2008 | 16 | 4 | 16 | 4 | 4 | 1 | 12 | 1 | 8 | 1 | | | |
| 2006-2007* | 11 | 30 | 11 | 30 | 13 | 26 | 20 | 17 | 14 | 13 | | | |
| 2005-2006 | 21 | 3 | 21 | 3 | 13 | 1 | 11 | 0 | 8 | 0 | | | |
| 2004-2005 | 20 | 2 | 20 | 2 | 0 | 0 | 0 | 0 | 18 | 17 | | | |
| 2003-2004 | 4 | 23 | 4 | 23 | 1 | 15 | 12 | 9 | 4 | 25 | | | |
| 2002-2003 | 4 | 2 | 4 | 2 | 0 | 0 | 0 | 0 | 1 | 1 | | | |
| 2001-2002 | 11 | 8 | 11 | 8 | 7 | 3 | 9 | 5 | 22 | 5 | | | |
| 2000-2001 | 15 | 10 | 15 | 10 | 2 | 4 | 5 | 0 | | | | | |
| PM10 | 1999-2000 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | | | | |
| | 1998-1999 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | |
| | 1997-1998 | 8 | 3 | 8 | 3 | 0 | 0 | 0 | 0 | | | | |
| | 1996-1997 | 4 | 0 | 4 | 0 | 3 | 0 | 0 | 0 | | | | |
| | 1995-1996 | 7 | 7 | 7 | 7 | 6 | 5 | 4 | 0 | | | | |
| | 1994-1995 | 12 | 7 | 12 | 7 | 5 | 5 | 0 | 0 | | | | |
| | 1993-1994 | 9 | 0 | 9 | 0 | 15 | 2 | 2 | 0 | | | | |
| 1992-1993 | 17 | 17 | 17 | 17 | 11 | 23 | 0 | 0 | | | | | |

* New PM 2.5 Standard ** New State PM 2.5 Forecast

| | WINTER | BOX ELDER COUNTY (days) | | DUCHESNE COUNTY (days) | | UINTAH COUNTY (days) | |
|-------|-------------|----------------------------|-----------|---------------------------|-----------|-------------------------|-----------|
| | | Voluntary | Mandatory | Voluntary | Mandatory | Voluntary | Mandatory |
| PM2.5 | 2016-2017 | 22 | 17 | 15 | 0 | 20 | 0 |
| | 2015-2016 | 20 | 19 | 45 | 0 | 42 | 0 |
| | 2014-2015 | 8 | 17 | 19 | 0 | 14 | 0 |
| | 2013-2014 | 12 | 28 | 30 | 0 | 40 | 0 |
| | 2012-2013** | 11 | 17 | 34 | 0 | 35 | 0 |
| | | | Yellow | Red | | | |
| | 2011-2012 | 9 | 0 | | | | |
| | 2010-2011 | 9 | 7 | | | | |

Please Note:

| Prior PM 2.5 Forecast | | New State PM 2.5 Forecast (Starting in the Fall of 2012) | |
|-----------------------|------------------------|--|----------------------|
| Forecast Level | Pollutant Level | Action Level | Pollutant Level |
| Yellow | 25.5 µg/m ³ | Voluntary | 15 µg/m ³ |
| Red | 35.5 µg/m ³ | Mandatory | 25 µg/m ³ |

"Unrestricted Action" – Solid fuel-burning devices may be used, but visible emissions must meet air quality regulations (see R307-302-5).

"Voluntary Action" – Individuals are asked to voluntarily not use **solid fuel** burning devices, reduce/stop **open burning**, and reduce **vehicle use** by consolidating trips. Industry also is advised to minimize the release of air pollution.

"Mandatory Action" – **Solid fuel** burning devices must not be used. **Open burning** may not occur; including fire pits, fire rings, and campfires. Reduce **vehicle use** by consolidating trips. Industry also is advised to minimize the release of air pollution.