

**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	
<b>PM2.5</b>	2018-2019	23	29	15	25	17	21	22	25	19	30	23	10	
	2017-2018	21	27	20	27	22	19	24	23	29	21	19	26	
	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						
<b>PM10</b>	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	2018-2019	23	25	41	0	41	0	
	2017-2018	23	23	11	0	10	0	
	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 $\mu\text{g}/\text{m}^3$	Voluntary	15 $\mu\text{g}/\text{m}^3$
Red	35.5 $\mu\text{g}/\text{m}^3$	Mandatory	25 $\mu\text{g}/\text{m}^3$

**"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.