

Table PM-NEW: PM 2.5 24-hr. Standard for 2003 - 2005 & 2004 - 2006  
 98<sup>th</sup> percentile values by year and site (24-hr. samples, in ug/m<sup>3</sup>)  
 in relation to the new EPA 24-hr. Standard of 35 ug/m<sup>3</sup>

Site	2003	2004	2005	2006	2003-2005 Avg.* (3-yr. block)	2004-2006 Avg.* (3-yr. Block)	County represented:
Bountiful (new)	(40.4)	45.8	35.1	34.1	<b>40</b>	<b>38</b>	<b>Davis</b>
Brigham City	26.5	52.0	25.9	28.5	35	35	<b>Box Elder</b>
Cottonwood	32.1	65.7	42.0	39.2	<b>47</b>	<b>49</b>	<b>Salt Lake</b>
Harrisville	21.7	56.0	29.8	28.6	<b>35</b>	<b>38</b>	<b>Weber</b>
Hawthorne	32.8/33.5†	63.9	43.3	37.6	<b>47/47†</b>	<b>48</b>	<b>Salt Lake</b>
Herriman #2	25.3	48.2	27.3	22.0	34	33	<b>Salt Lake</b>
Highland	22.5	50.1	33.7	23.9	35	<b>36</b>	<b>Utah</b>
Lindon	29.2	63.9	36.7	32.0	<b>43</b>	<b>44</b>	<b>Utah</b>
Logan #4	31.5	101.5	61.7	29.4	<b>65</b>	<b>64</b>	<b>Cache</b>
Magna	xx	55.1	36.7	29.3	<b>46**</b>	<b>40</b>	<b>Salt Lake</b>
N. Provo	28.0	53.7	35.6	25.6	<b>39</b>	<b>38</b>	<b>Utah</b>
N. Salt Lake	45.9	56.6	44.4	39.9	<b>49</b>	<b>47</b>	<b>Salt Lake</b>
Ogden #2	27.3	62.5	31.0	25.8	<b>40</b>	<b>40</b>	<b>Weber</b>
Spanish. Fork	23.0	52.5	32.4	21.6	<b>36</b>	<b>36</b>	<b>Utah</b>
St. George	xx	16.9	18.0		17 (2 yrs.)		<b>Washington</b>
Tooele #3 ***	xx	xx	45.5	22.8	<b>xx</b>	<b>34**</b>	<b>Tooele</b>
Wash. Terrace	21.9	54.9	26.5	23.5	34	35	<b>Weber</b>
West Valley	44.9	60.5	39.5	38.5	<b>48</b>	<b>46</b>	<b>Salt Lake</b>
<b>Avg. of all sites:</b>	<b>28</b>	<b>59</b>	<b>37</b>	<b>30</b>	<b>42</b>	<b>41</b>	

\* Calculated from 98<sup>th</sup> percentile values obtained from EPA/AQS Quicklook reports. \*\* Data based on 2 years of sampling.

\*\*\* Tooele #3 starts July 6, 2005. † = Calculations based on "excluded/included" exceptional event data.

Discussion: Almost all Wasatch Front monitoring sites would show a violation of the new PM 2.5 24-hr. standard (violation values are indicated in bold italic), including the counties of Salt Lake, Utah, Davis, Weber and Cache,

(:m/airs/airsifo/pm25/98-99%/tablepmnew06)