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# Proposed National Ambient Air Quality Particulate Matter Standards - EPA

Air Pollution Control Board

May 18, 2006



# Proposed Particulate Standards

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- n **January 17, 2006:** Particulate matter (PM) NAAQS revisions proposed
- n **September 27, 2006:** Final rule expected
- n **November 2006:** Standards take effect

# National Ambient Air Quality Standards

Standard		Current $\mu\text{g}/\text{m}^3$		
PM <sub>10</sub>	Daily	150		
	Annual	50		
PM <sub>2.5</sub> ("fine")	Daily	65		
	Annual	15		

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PM <sub>10</sub>	Daily	150	---	
	Annual	50	---	
PM <sub>2.5</sub> ("fine")	Daily	65	35	
	Annual	15	15	
PM <sub>10-2.5</sub> ("coarse")	Daily	---	70	
	Annual	---	---	

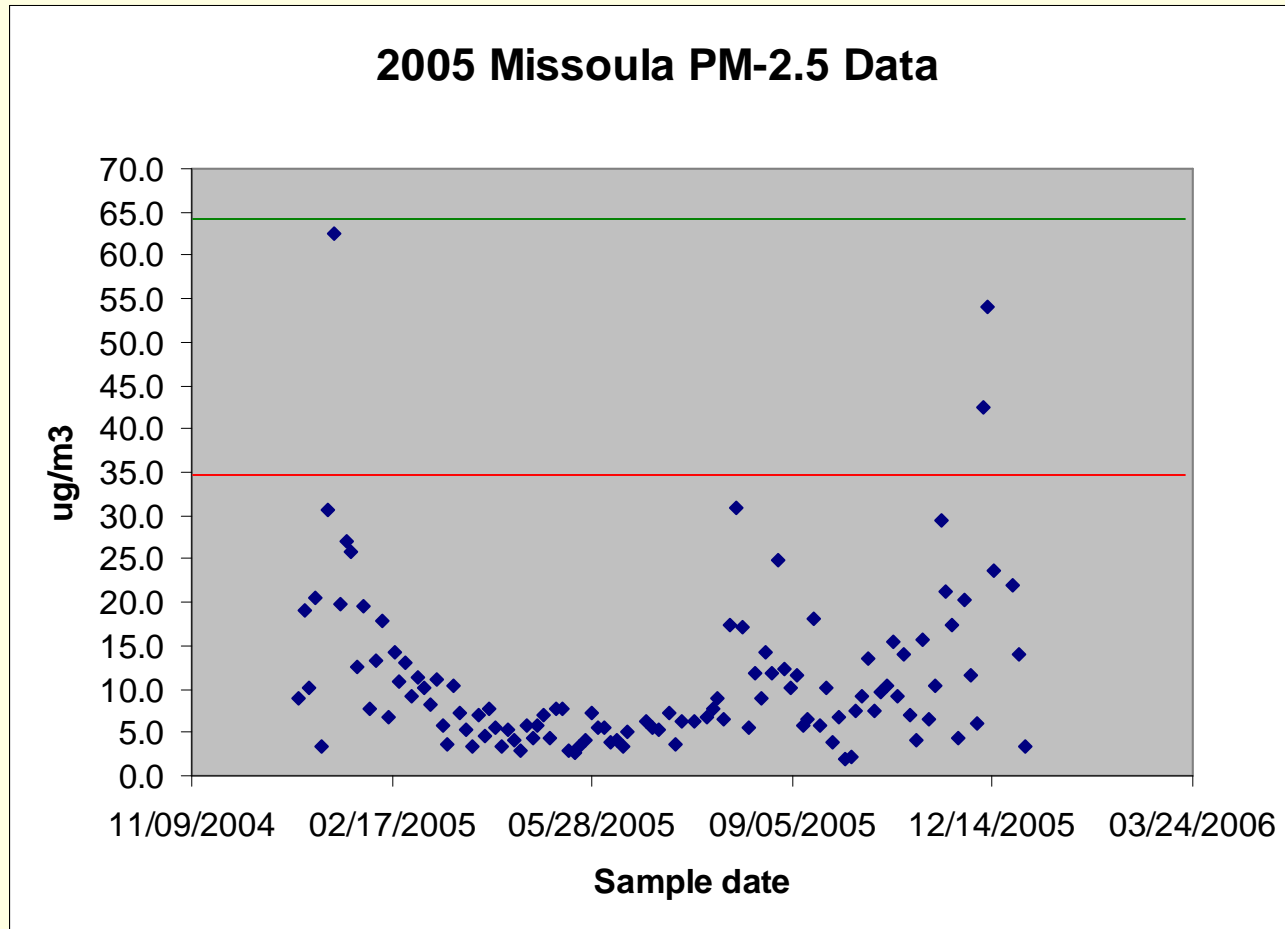
# National Ambient Air Quality Standards

Standard		Current $\mu\text{g}/\text{m}^3$	Proposed $\mu\text{g}/\text{m}^3$	Missoula $\mu\text{g}/\text{m}^3$
PM <sub>10</sub>	Daily	150	---	~80-110
	Annual	50	---	~18-22
PM <sub>2.5</sub> ("fine")	Daily	65	35	~46
	Annual	15	15	~11
PM <sub>10-2.5</sub> ("coarse")	Daily	---	70	?
	Annual	---	---	?

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	Annual	---	---	?

# Missoula 2005 Monitoring Data



# Missoula's Highest PM<sub>2.5</sub> Values

2001		2002		2003		2004		2005	
1/10	<b>48</b>	1/11	32	1/24	<b>42</b>	1/16	<b>62</b>	1/19	<b>63</b>
1/19	<b>46</b>	11/28	29	11/8	33	1/10	<b>55</b>	12/12	<b>54</b>
1/13	<b>44</b>	11/25	25	8/25	<b>25</b>	1/19	<b>47</b>	12/9	<b>43</b>
1/4	<b>43</b>	11/22	23	8/10	<b>25</b>	12/17	<b>37</b>	8/8	<b>31</b>
1/1	<b>35</b>	11/4	21	3/19	23	2/15	31	11/18	30

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- n  $PM_{10}$  transportation conformity budget will not be federally enforceable
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- n  $PM_{2.5}$  will need to be addressed



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