

Rounding Practice in The Regions-October 1992

Region I

There is no formal policy; it never has been an issue. No decimal places are generally reported for comparison to the NAAQS. One decimal place usually reported for comparison to PSD.

There is no Regional policy for ozone estimates but at least one State does practice rounding.

Region II

For monitoring data R-II follows rounding convention.

For model estimates there is no rounding but they ask the States not report anything more than 1 decimal place. i.e. 9.1 ppm is a CO exceedance. Same is true for ozone except there are no cases since 1982 to test this position.

Region III

No rounding of model estimates is allowed, including ozone. They do round monitoring data.

Region IV

For monitoring data Region IV follows the rounding convention.

For modeling for all pollutants except ozone, rounding is not acceptable. For ozone, both rounding and truncation are practiced.

Region V

Region V has historically not allowed rounding of model estimates for any pollutant, including ozone. They are not in favor of allowing rounding.

For monitoring data, the rounding convention is practiced.

Region VI

It has been the practice to round model estimates for all criteria pollutants, e.g. 9.4 ppm for CO is not an exceedance; it is rounded down to 9 ppm.

Region VII

Generally no rounding of model estimates is allowed for any criteria pollutant. For modeling for the St Louis ozone SIP with the Urban Airshed Model (UAM) they are allowing rounding on what they believe is verbal guidance from SRAB. Region VII is against rounding for UAM estimates.

Region VIII

For CO and SO₂ clearly no rounding is allowed in model estimates.

For ozone modeling in Salt Lake City the State is using EKMA. While the SIP is not in yet they have asked the State to go all the way down to the .120 EKMA curves.

Region IX

Rounding of model estimates is not accepted for SIP's or

PSD, including UAM modeling. However for the AZ CO FIP, a few years back, rounding was allowed.

For monitoring data the Region follows the rounding convention.

Region X

They have no ozone SIP's so it is not an issue. For other criteria pollutants no rounding is allowed.