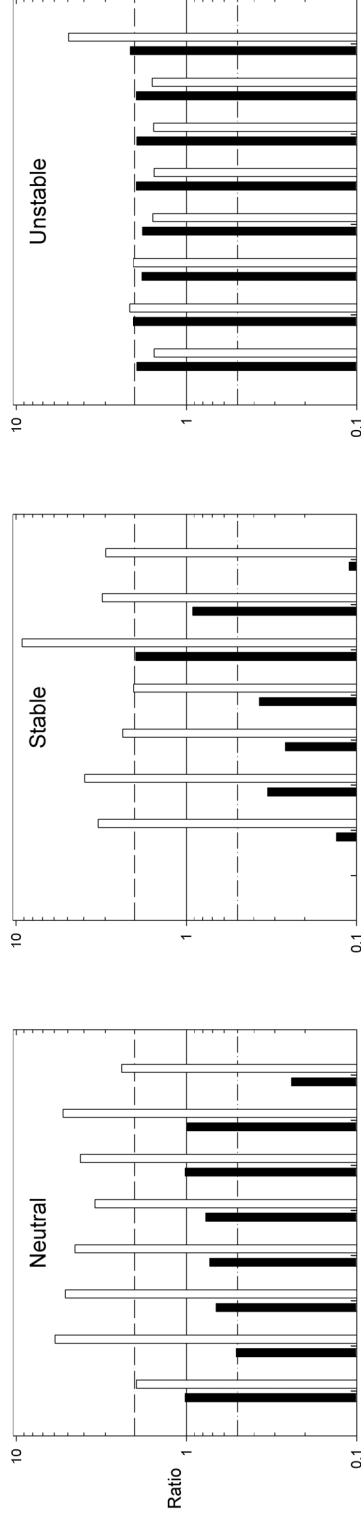


Note different contour levels for ISC

Figure 31. Effects of terrain. Basic dispersion rates for single conditions.

Ratios of Maximum Concentrations



Ratios of Distance to Maximum Concentration

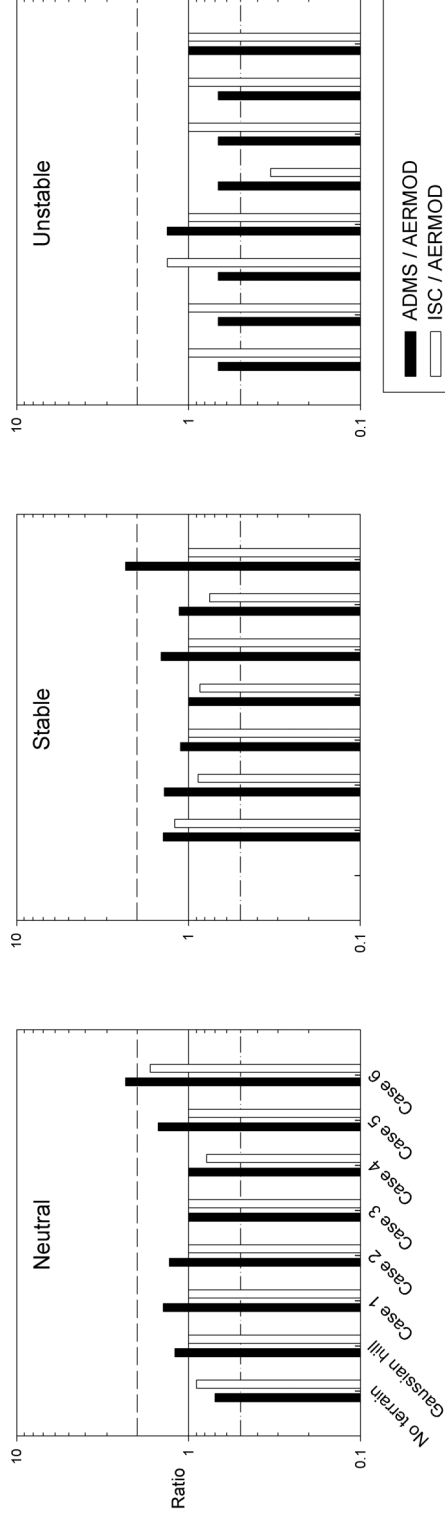


Figure 32. Normalised ground level plume concentration contours for terrain case 5 in all stabilities. Effects of terrain. Bar charts of maximum concentration and their distances from the source. Ratios of values relative to AERMOD.

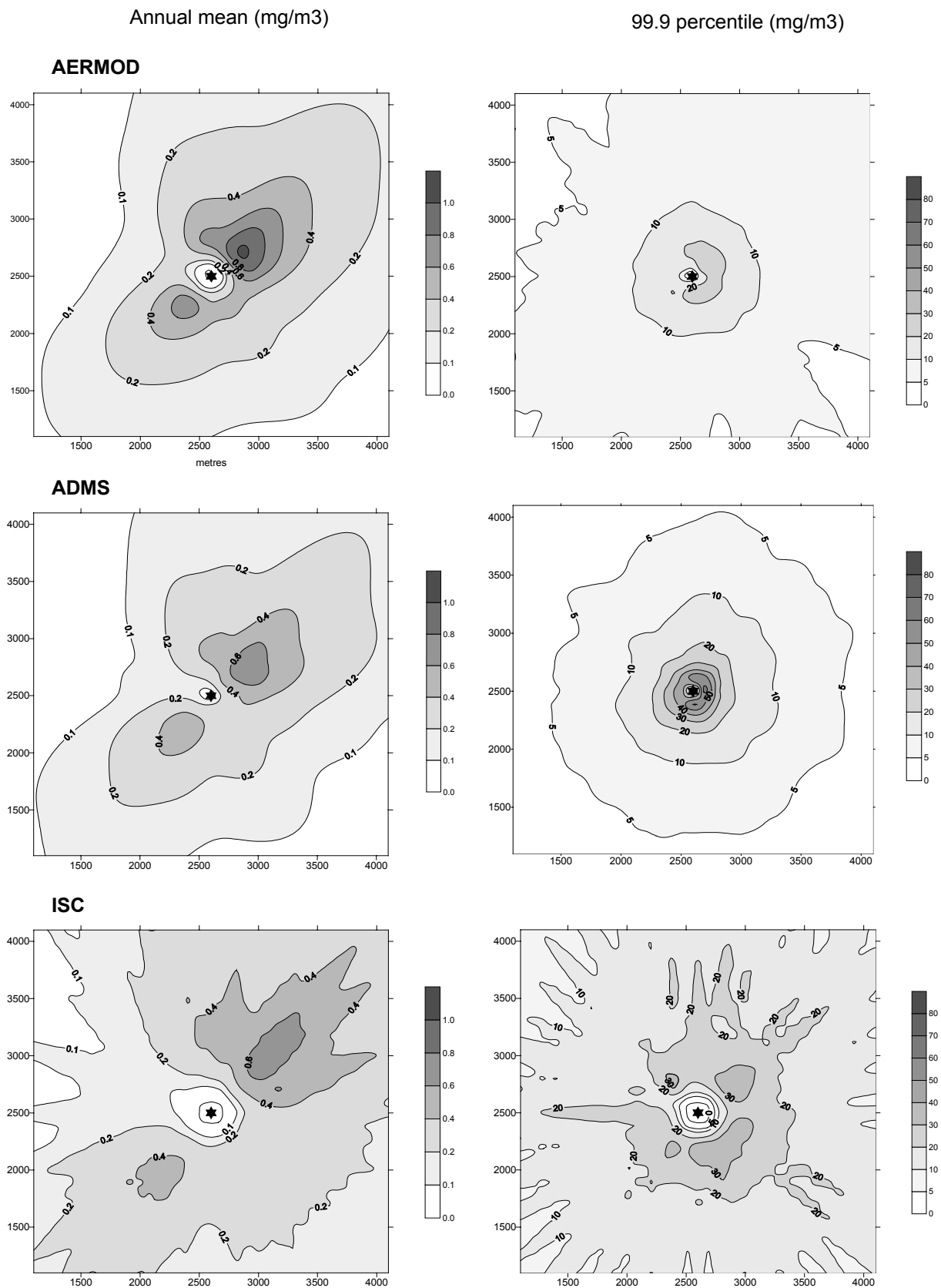


Figure 33. Effects of terrain on annual calculations.
 No terrain.
 Annual mean and 99.9%ile concentration contours.

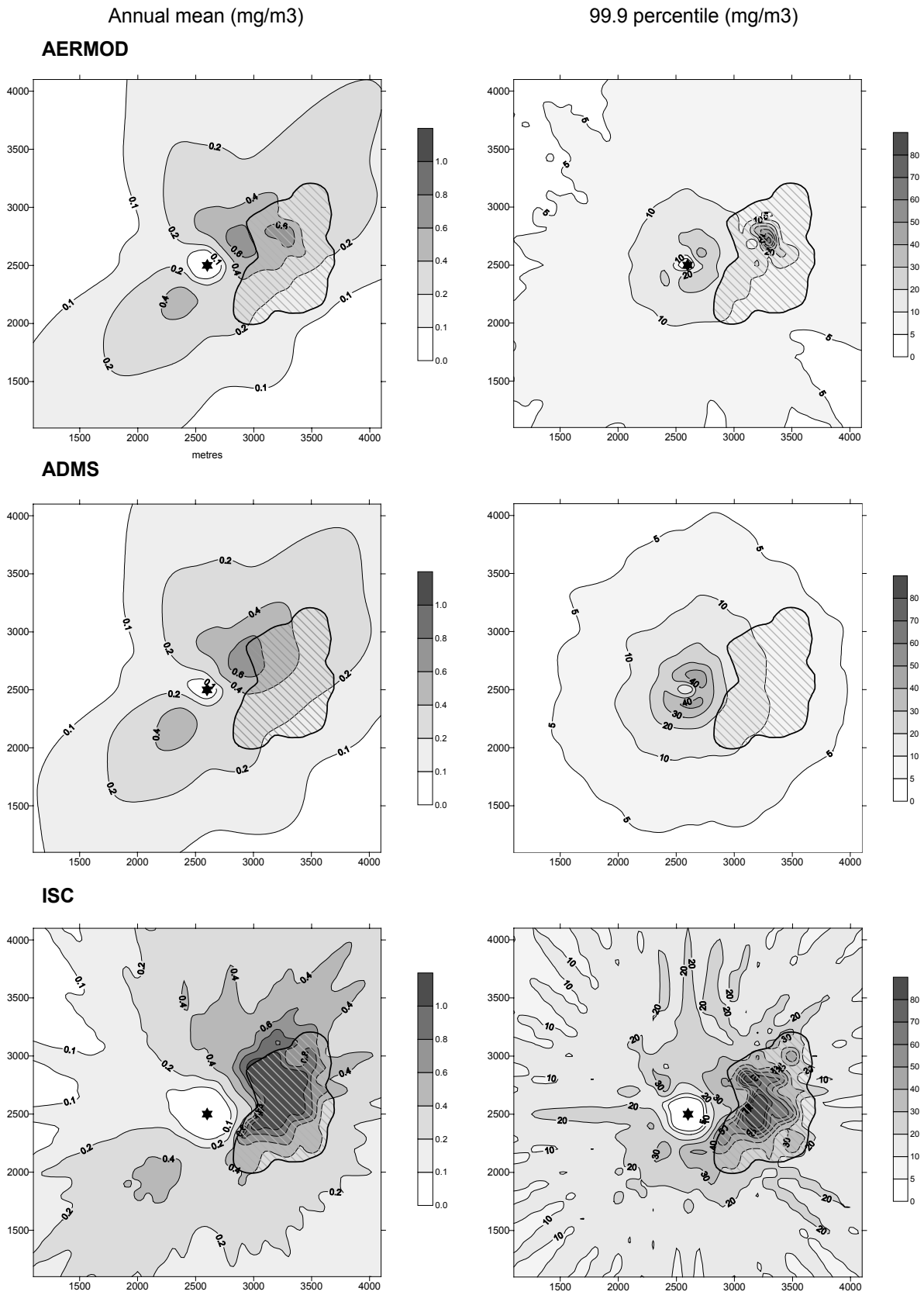


Figure 34. Effects of terrain on annual calculations.
Case 2.
Annual mean and 99.9%ile concentration contours.

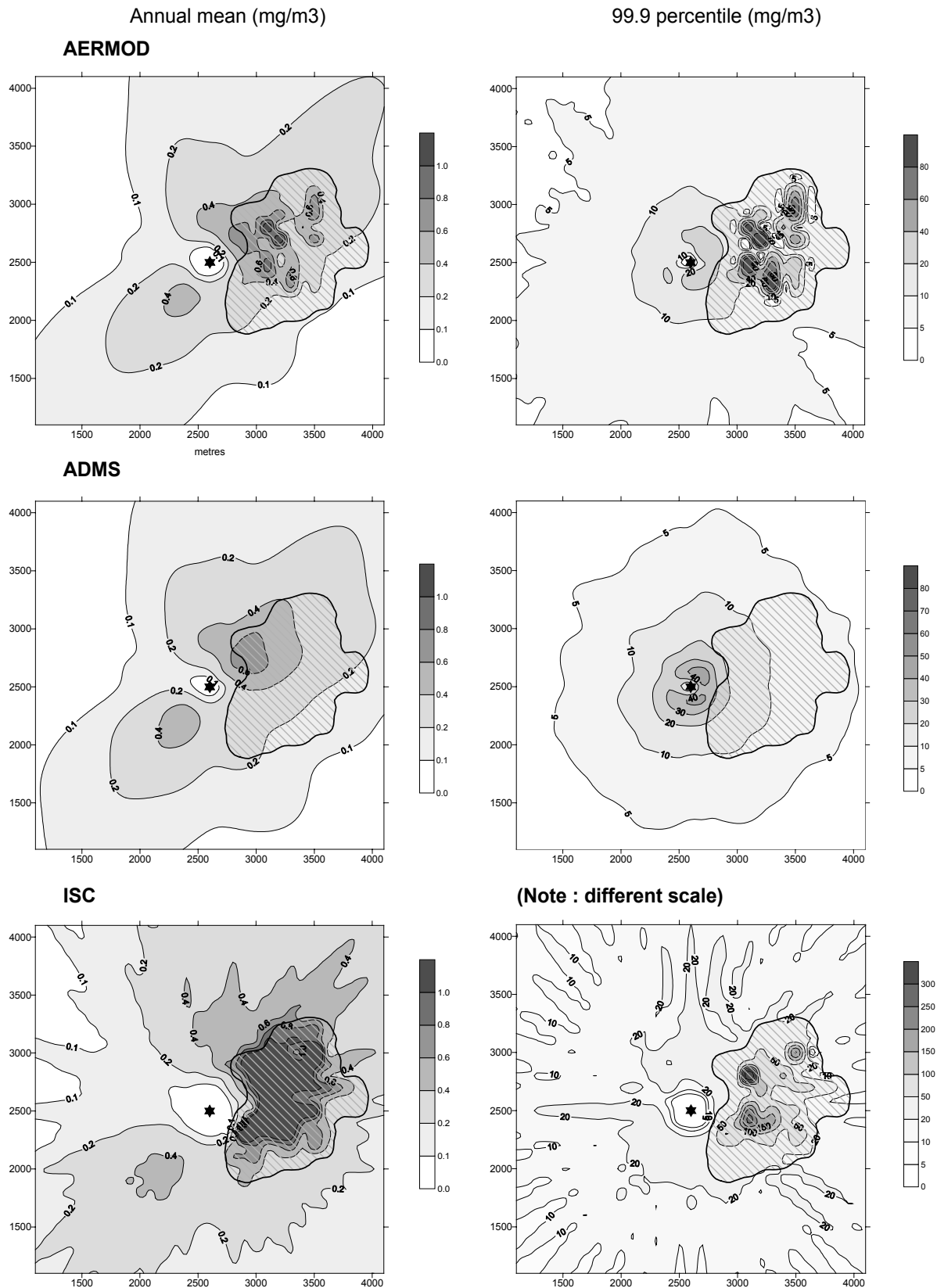


Figure 35. Effects of terrain on annual calculations.
Case 5.
Annual mean and 99.9%ile concentration contours.

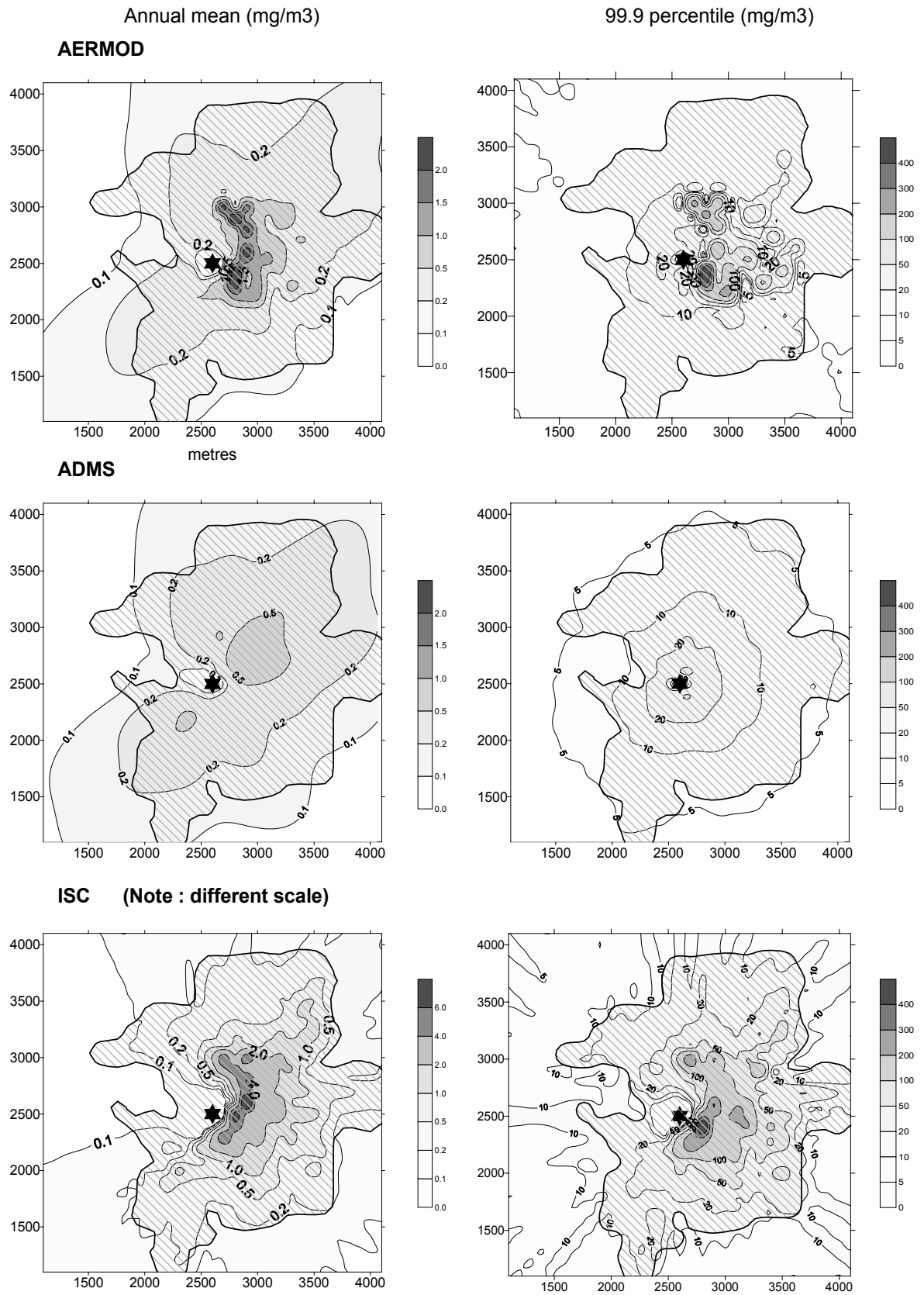


Figure 36. Effects of terrain on annual calculations.
Case 6.
Annual mean and 99.9%ile concentration contours.

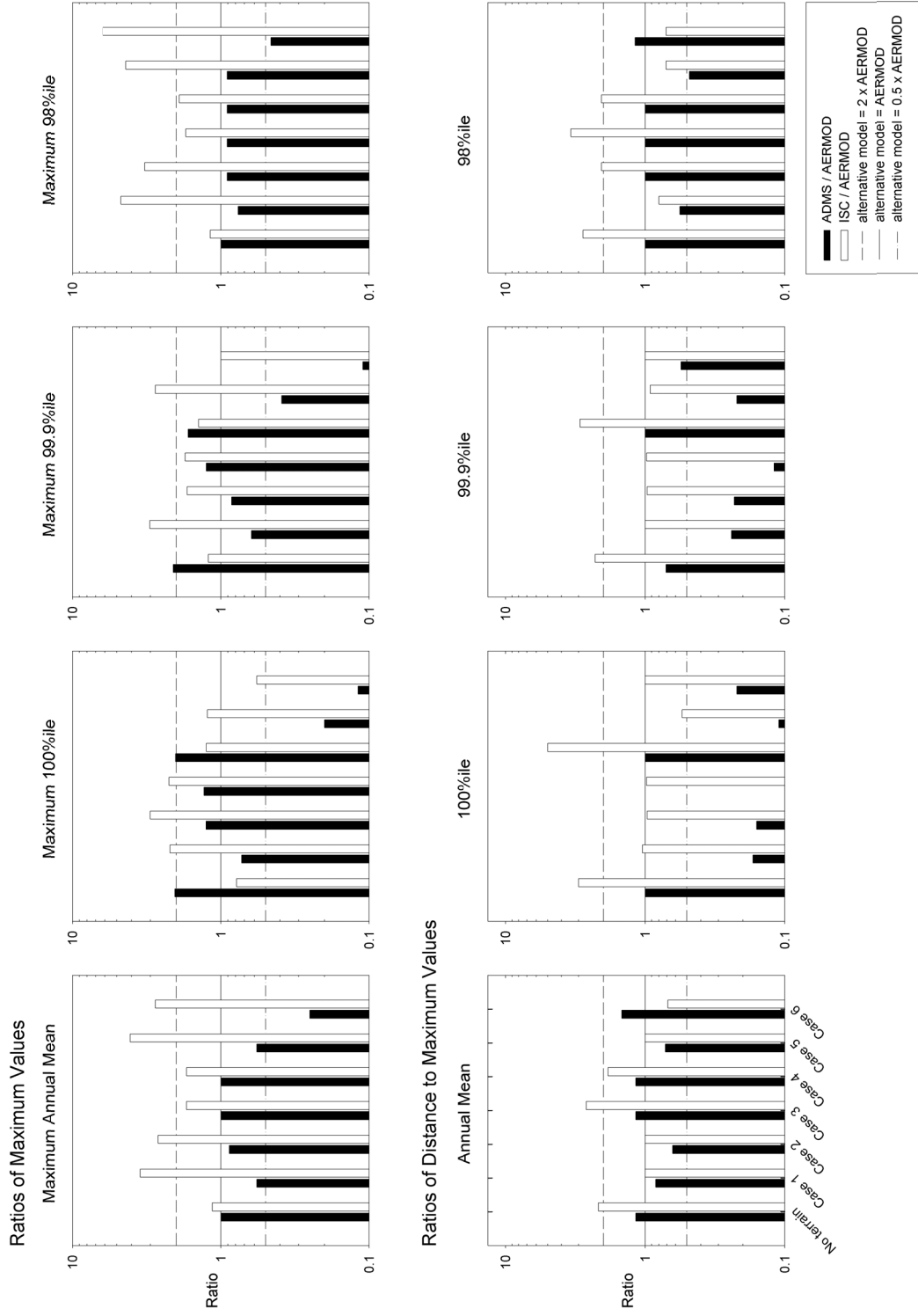


Figure 37. Effects of terrain on annual calculations.
 Bar charts of maximum concentration and their distances from the source.
 Ratios of values relative to AERMOD.

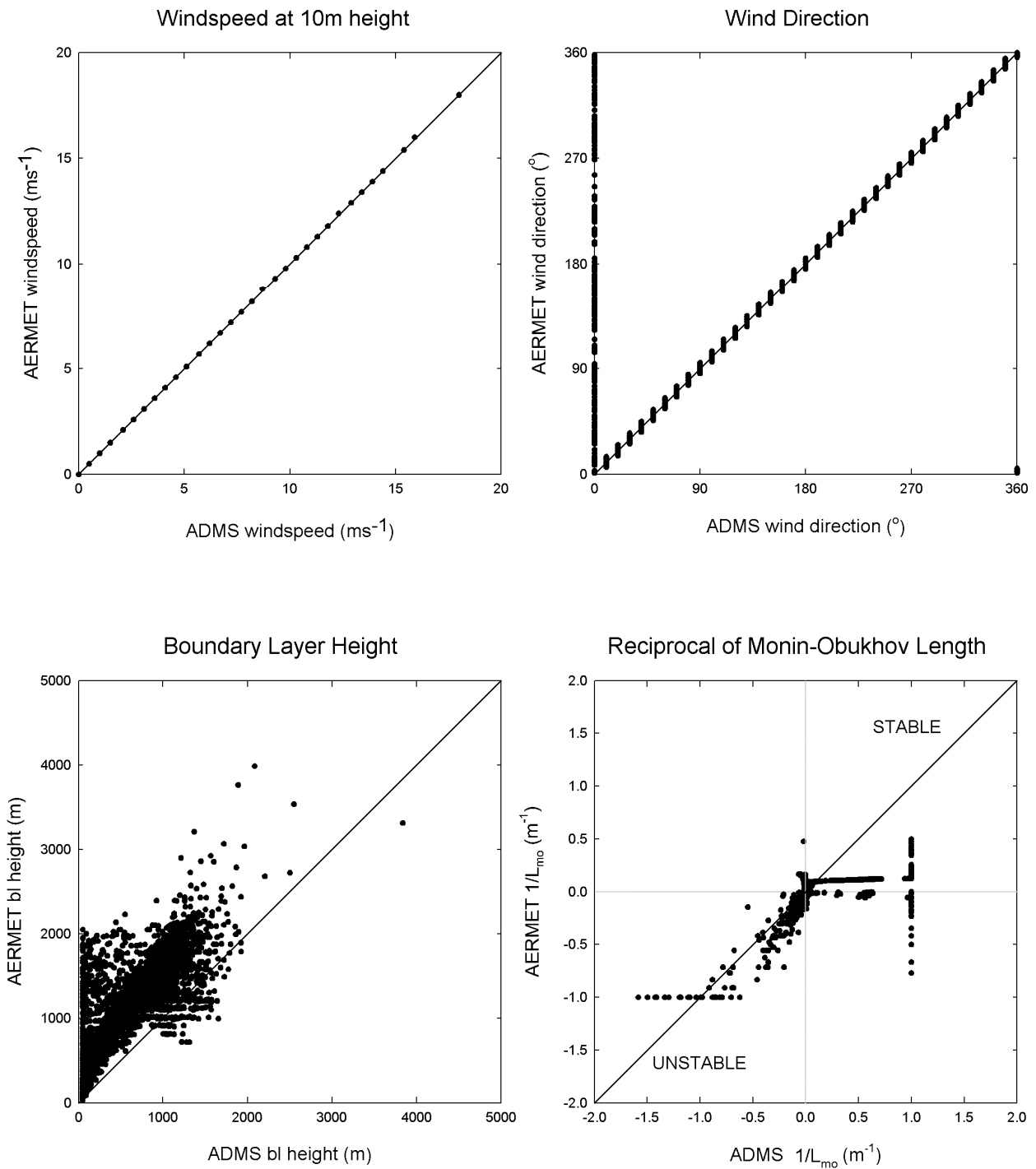


Figure 38. Comparison of AERMOD (AERMET) and ADMS meteorological pre-processor outputs for Lyneham, 1995.

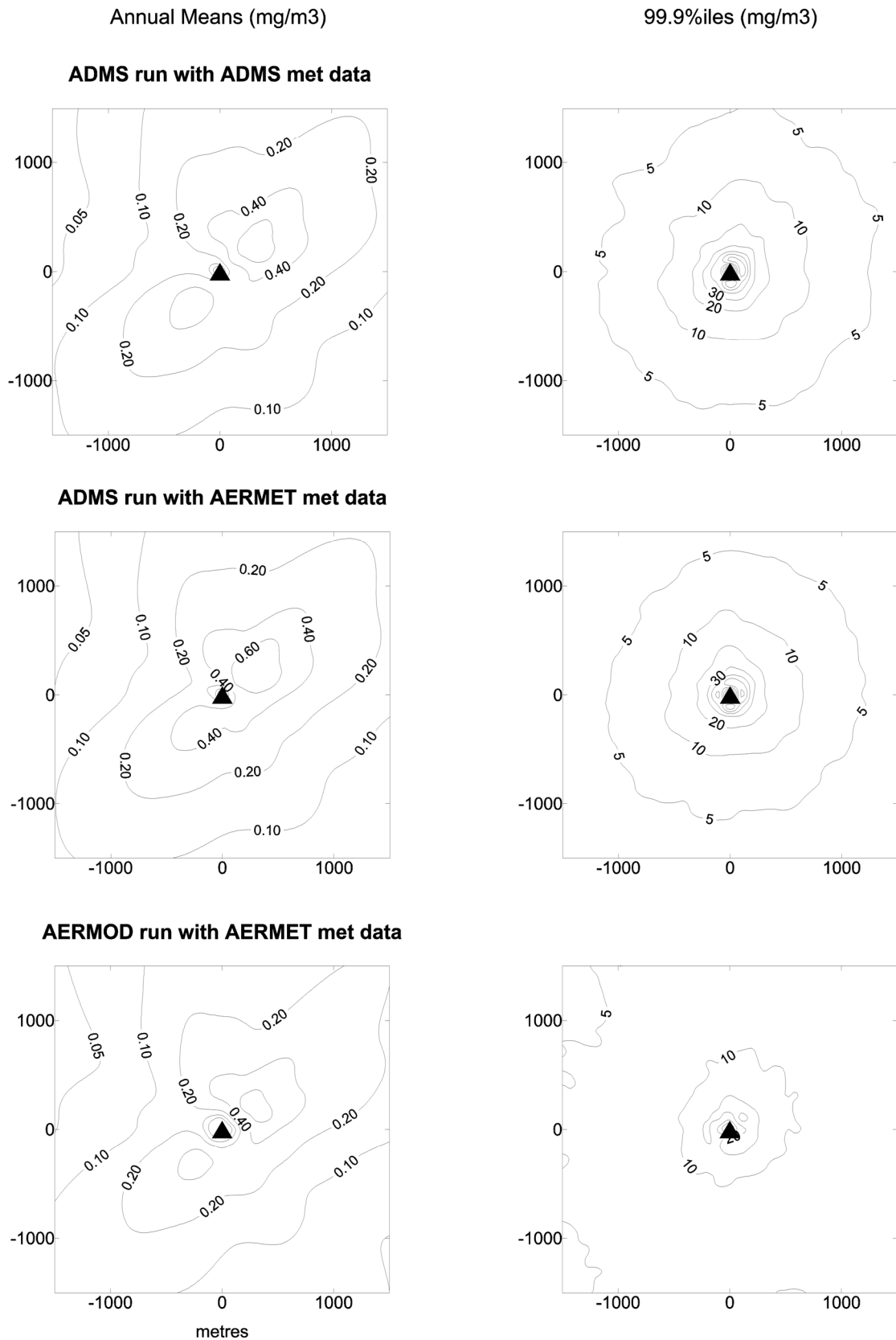


Figure 39. Effect of meteorological pre-processor on annual calculations in flat terrain. 40m discharge stack height with no buoyancy.

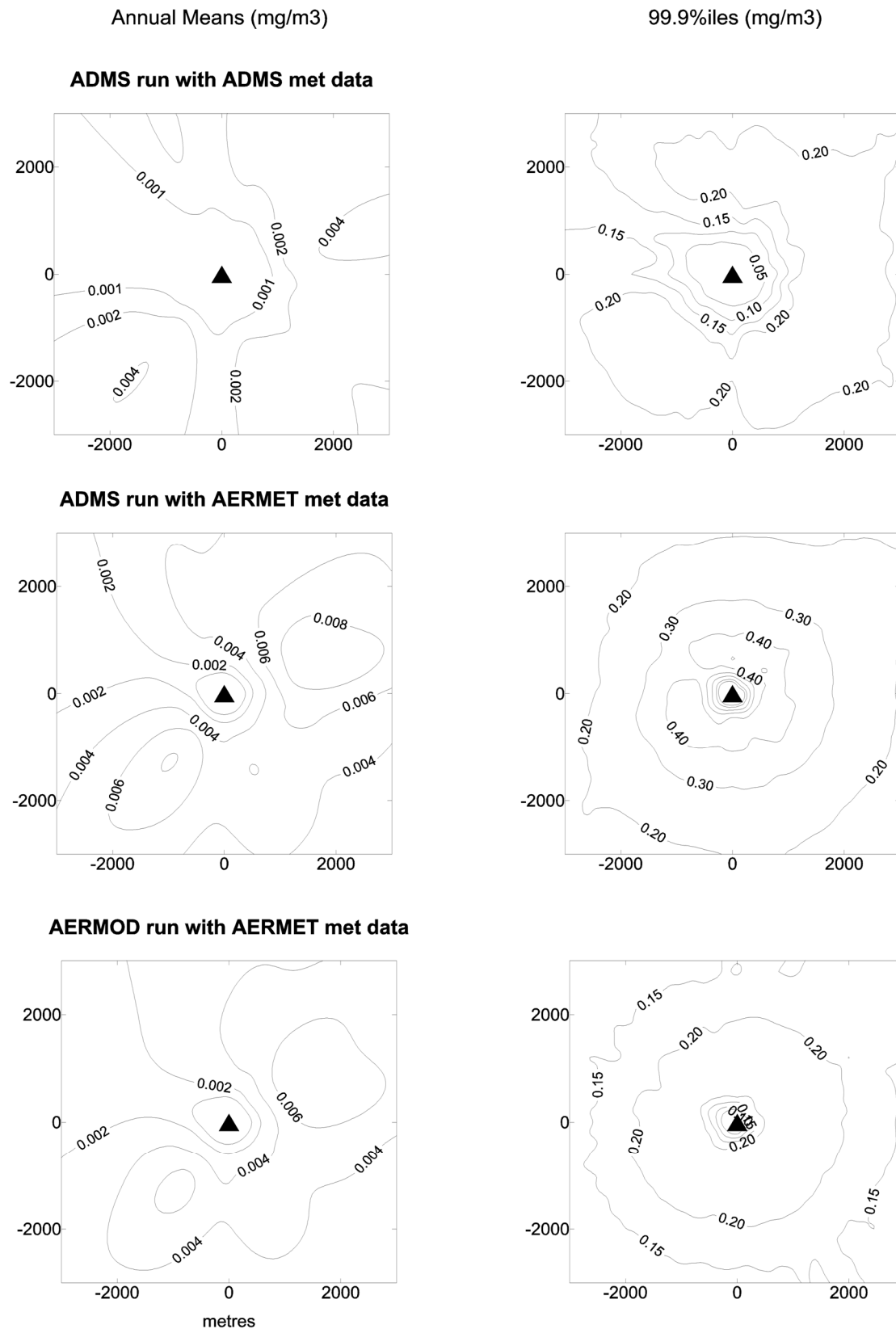


Figure 40. Effect of meteorological pre-processor on annual calculations in flat terrain. 150m discharge stack height with buoyancy.