

ERRATUM: “NARROW DUST JETS IN A DIFFUSE GAS COMA: A NATURAL PRODUCT
OF SMALL ACTIVE REGIONS ON COMETS” (2012, ApJ, 749, 29)

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In the published article there were two typographical errors. Two subscripts in the first term on the right-hand side of Equation (1) should be g instead of d . The error is corrected in the equation below:

$$m_d \frac{dv_d}{dt} = \sigma_d \cdot \frac{1}{2} \cdot C_d \cdot n_g \cdot m_g \cdot (v_g - v_d)^2 - G \frac{m_d \cdot M_c}{r^2}. \quad (1)$$

In addition, in the caption to Figure 11 the references to dashed and solid lines were interchanged, so it should read as follows.

Figure 11. Width of the gas and dust distribution from a 10° half-cone angle source. The relative water vapor density (dashed lines) and dust particle density (solid lines) are plotted at distances of 2.5 km (blue), 5 km (red), and 50 km (green) for the very small single source region. While the gas still expands to fill much of the hemisphere centered on the location of the original source by 50 km, the dust distribution remains quite narrow.