



## Condensation of Vapor as Induced by Nuclei and Ions; Third Report Volume 3, PT. 4 (Paperback)

By Carl Barus

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1908 edition. Excerpt: .series, V to X, are given for dust-free air. 40. Graphs. Dust-free air.--The charts (figs. 20, 21, and 22) contain a number of curves showing the nucleation in different scales (computed from the angular diameter of coronas) in terms of the exhaustion. In figs. 20 and 21 typical cases are given, in their lower parts only. Fig. 22 contains full curves on a smaller scale. Thus the curve for the vapor nuclei of dust-free air begins appreciably below  $dp/p = 0.26$  ( $v_1/v = i$ . 24, adiabatic drop from 76 cm., 19.8 cm.), but it hugs the axis until about 0.33, after which it sweeps upward far beyond the chart into the hundred-thousands. The position of Wilson's negative ions and positive ions is indicated at 0.27 and above 0.31. Wilson's fog point would lie at 0.36 in the chart and there would...



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