

I. PHYSICS

Astrophysics (Gravity Waves in Atmosphere)

SEARCH FOR GRAVITY WAVES SET UP BY SOLAR ECLIPSE

R. RAGHAVA RAO, J. N. DESAI, G. MARTELLI *and* PAMELA ROTHWELL
Physical Research Laboratory, Ahmedabad

(Received 13 October 1980)

VAPOUR cloud release experiments were conducted from Thumba Equatorial Rocket Launching Station, Trivandrum and observed from four camera stations at Cape Comerin, Thumba, Palayamkottai and Vaikam. The aim of the experiment is to find out whether a large scale gravity wave was set up by the eclipse.

Keywords : Gravity Waves; Vapour Cloud Release; Eclipse Maximum.

RESULTS

Logistics of rocket launchings on that day permitted vapour release experiment at the time of twilight only, which was a few hours after the time of eclipse maximum. Data are under analysis.