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COVER

Turret in thunderstorm top (taken from a U-2 airplane at 14,6 kilometers over Kansas). Such turrets can penetrate or 2 kilometers above the flat cloud tops (anvils) which form near the tropopause. The electric currents between thunderstorms and the ionosphere which maintain the earth's fair-weather electric field may flow predominant over such turrets. See page 979. [D.] Fitzgerald, Air Force Geophysics Laboratory, Hanscom Field, Bedford Massachusetts]