

Figure 1. The Charged Cloud Impact

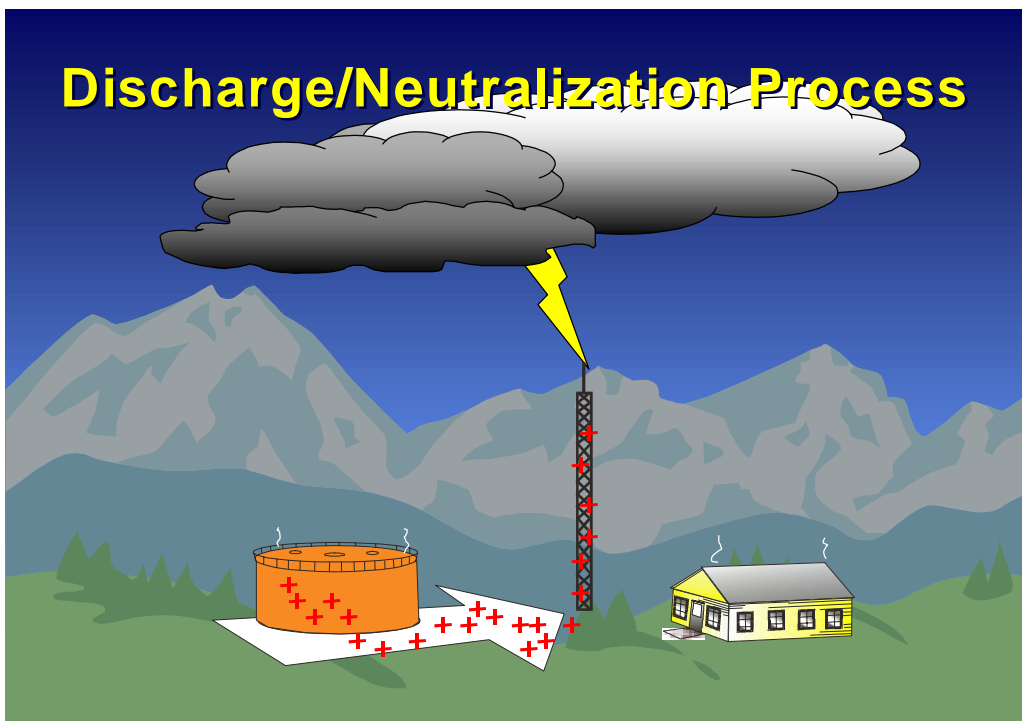


Figure 2. The Stroke or Discharge Process

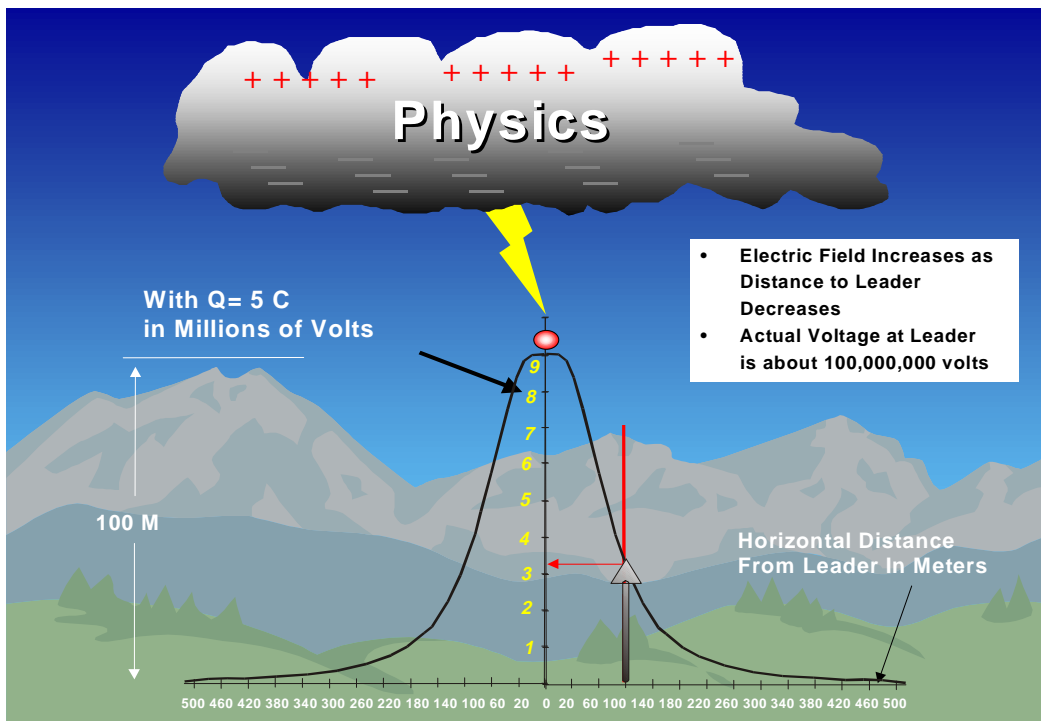


Figure 3. Electric Gradient Below Leader Channel as a Function of Horizontal Distance

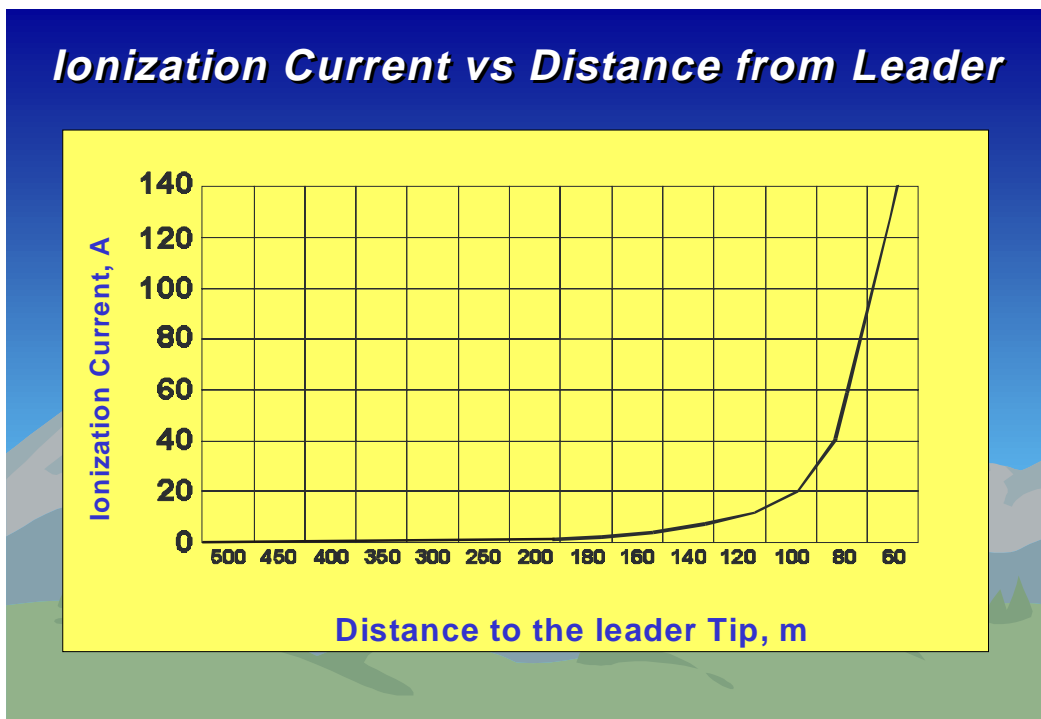


Figure 4. Electric Field Gradient Below Leader as a Function of Leader Tip Above Ground



Figure 5. Streamer Formation with Approaching Leader

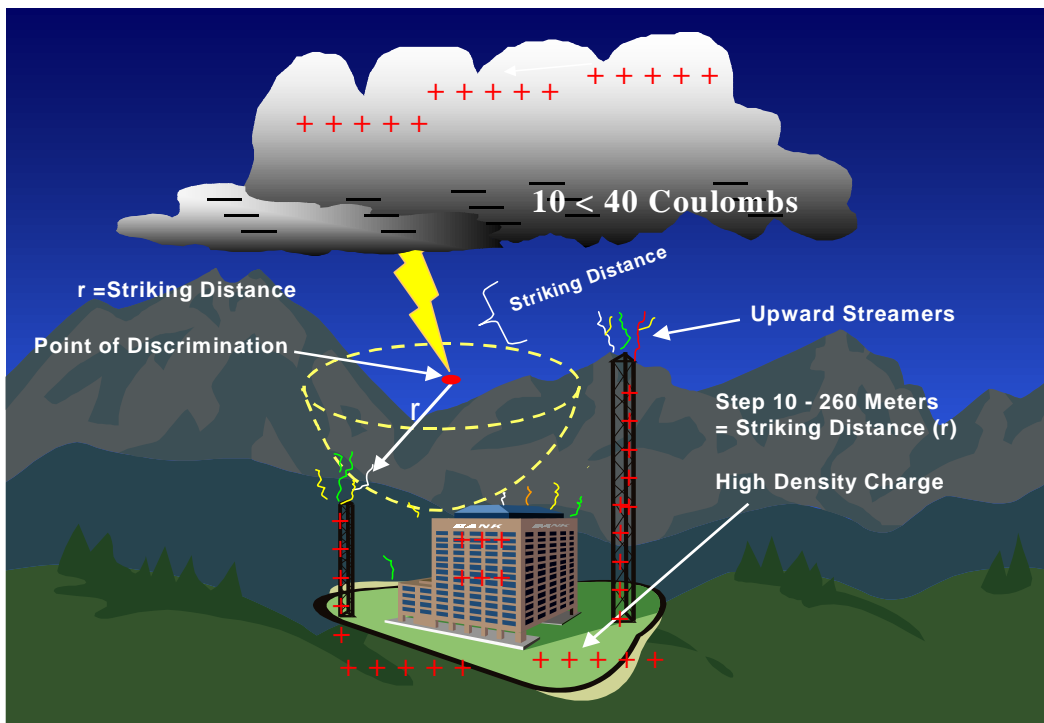


Figure 6. Stroke Path Factors

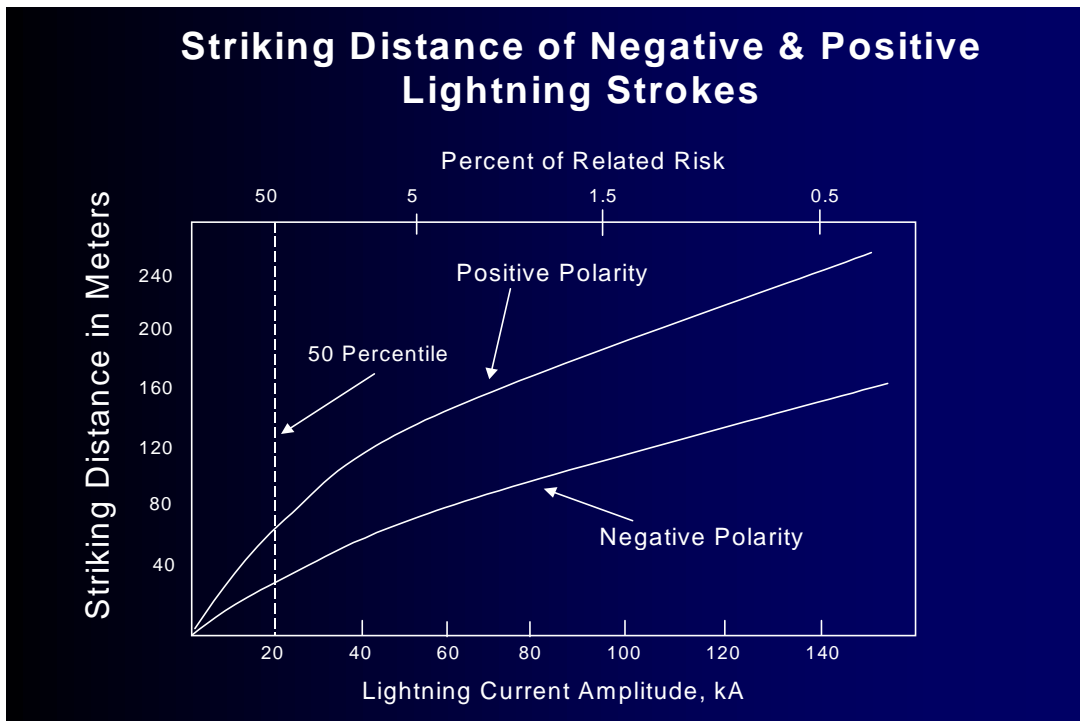


Figure 7. Striking Distances of Negative and Positive Lightning Strikes

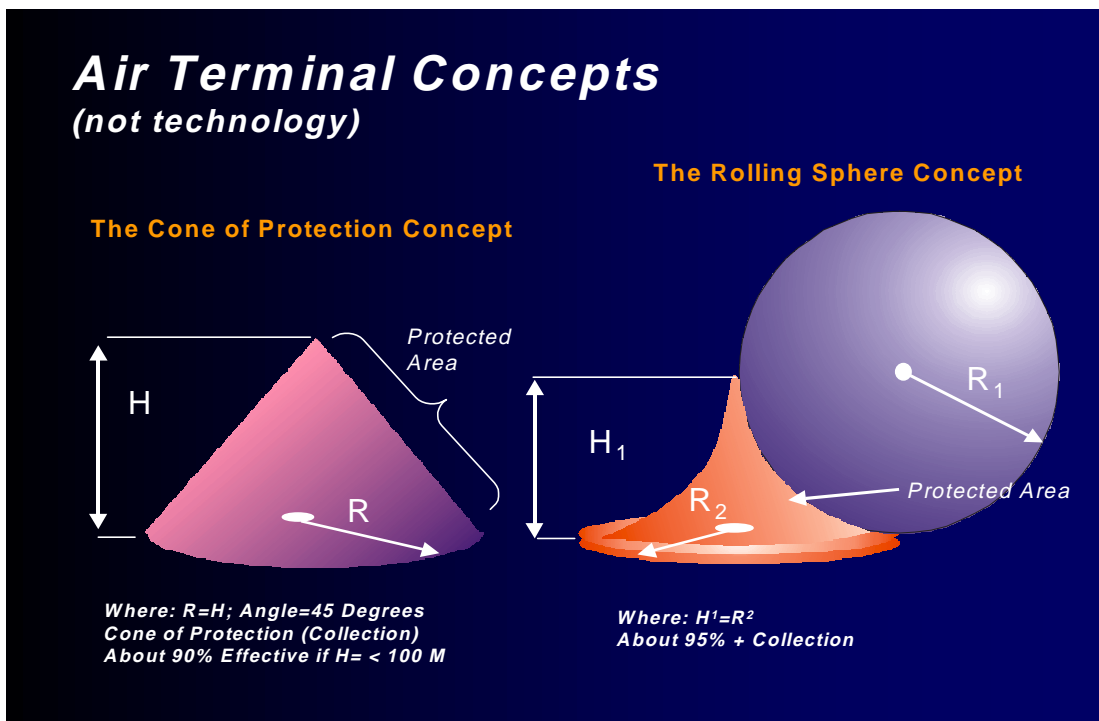


Figure 8. Stroke Collection Efficiency – Conventional Air Terminal