
Index

- Accidents: crashes, 56; explosions, 92
- Anomalies: aviation, 72; discharges, 66; satellite, 89; SEU, 67, 73
- Blackouts: costs, 45; electrical, 12, 19; radio, 17; rarity, 38; sags, 38
- Carbon-14, 115
- Cell phones, 10
- Coincidences, 88
- Coronal mass ejection: April 1997, 114; density, 15; forecasting, 136, 140–41; impacts, 135; warning, 136
- Corrosion: pipeline, 92
- Currents: auroral, 17; ground-induced, 47, 127; magnetism, 27; pipelines, 93
- Disasters: costs, 169; human causes, 169
- Electrical discharge, 67
- Electrical outage: California 1996, 37–39; Chicago 1997, 127; Foxboro Stadium, 19, 127; Geneva 1903, 39; March 1940, 39; Maryland 1999, 168; November 1965, 172; Quebec 1989, 3–7, 10
- Electrical power: availability, 40, 46; currents, 41; grids, 41; ground-induced currents, 42; supply, 46
- Electrojet current, 7
- Electronics, off-the-shelf, 11, 82
- Fiber optics: cables, 166; growth, 166; satellites, 167
- Forecasting: costs, 145, 151; flares, 31, 138, 177; geomagnetic storms, 139, 141; history, 149–52; modeling, 144–46, 180; Nowcasts, 147; Powercast, 48, 159; power consumption, 46; programs, 148; Sunburst, 47
- Garage doors, 8
- Gas pipeline: corrosion, 12; Urals, 12
- GEO orbits, 78; internet usage, 11
- Great Aurora: April 1981, 111; April 1997, 114; April 2000, 126; August 1972, 40; February 1872, 28; February 1907, 57; February 1956, 31, 57; January 1938, 31; January 1997, 14; March 1940, 31; March 1989, 3, 50;