

Index

A

- Aerosols, ix, xi, 69–92, 99–101, 117–122, 130, 131, 135, 170, 248, 252, 261, 273, 283, 284, 297
- Atmosphere, ix–xii, 3, 20, 21, 41, 49, 56, 69–92, 97–135, 150, 161, 163, 164, 170, 175–197, 211, 237, 249, 250, 255, 257, 262, 264, 266, 273, 274, 277, 278, 280, 287, 294, 300, 312, 313, 320, 328
- Atom-molecular processes, 2

B

- Ball lightning
 - experiments, xii, 201, 202, 208, 216, 219, 224, 246–271, 295, 297, 298, 301, 312
 - observations, xii, 201–246, 271, 275, 295, 296, 298, 326, 328
 - theoretical models, 201, 202, 222, 227, 270–295

C

- Condensation, 69, 72, 75, 77–83, 85, 87–89, 203, 256, 257, 264, 273, 286, 290, 291, 355

E

- Earthquake prediction, 164
- Electromagnetic field, 98, 107, 154, 156, 231, 244, 273, 277, 287–290, 336, 345
- Elementary chemical reactions, 189

G

- Global theoretical models, 181
- Growth, 70, 75, 80–83, 87–92, 100, 101, 111, 112, 116, 121–123, 125, 131, 134, 135, 237, 239, 285, 286, 292

I

- Ionosphere, ix–xii, 97–135, 148, 150–152, 156–161, 164–171, 175–197
- Ionosphere perturbations, 106, 131, 181–183, 185, 192, 193, 195

N

- Nucleation, 70, 72–80, 82, 87–91, 162

P

- Plasma disturbances, 98, 105
- Precursors, 83, 87, 89, 100, 117, 127, 132, 148, 150, 151, 154, 161–171, 191–195, 236

S

- Satellite experiments, 148–156

U

- Upper atmosphere, ix, x, 3, 175–197, 237
- Upper ionosphere, 100, 101, 105, 109–114, 125–127, 129, 132, 134, 135, 178