History of Aboveground Nuclear Bomb Testing

- **1945**: First test, Trinity. Hiroshima and Nagasaki: only wartime bombs.
- **1949**: First Soviet test
- **1952**: First hydrogen bomb test "Mike" (U.S.) in Operation Ivy
- **1954**: U.S. Operation Castle
- **1959-1960**: One-year moratorium and Geneva talks
- **1961**: Tsar Bomba, most powerful nuclear explosion (Soviet)
- **1963**: Partial Nuclear Test Ban Treaty

**Number of tests increases**

**Bombs get bigger and dirtier**

Sources: DOE, RFNC-VNIIEF, CMR