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| **Ultraviolet Radiation** | |
|  | **Potential Damage** |
| **UV-A rays** | * Can cause skin aging and wrinkles. * Damage outdoor plastics and paint. |
| **UV-B rays** | * Most damaging to skin. * Nearly 1000 times stronger than UV-A rays. * Cause skin cancer and cataracts * a permanent clouding of the eye which reduces vision. * Reduce the growth of plants, and may affect the health of wildlife and other animals. |
| **UV-C rays** | * Strongest wavelength but never reaches the earth’s surface because it is filtered out by the atmosphere. |