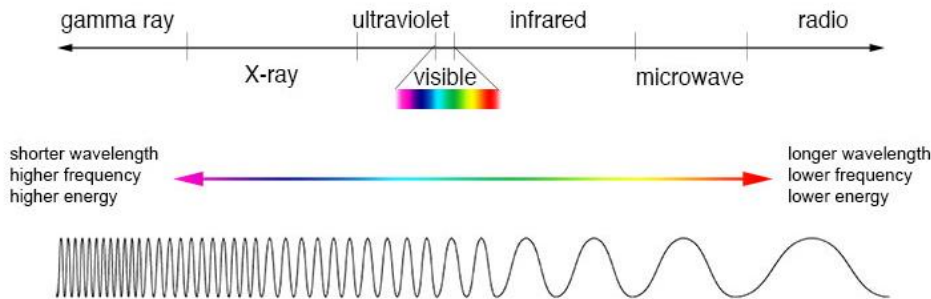


After Dark Ultraviolet Investigation



Ultraviolet is part of the invisible light spectrum

Light is more than what you can see with the human eye. In scientific terms all light is categorized in an electromagnetic spectrum (EM) which both long and short length waves. Only a small part of the spectrum is “visible” to the human eye.

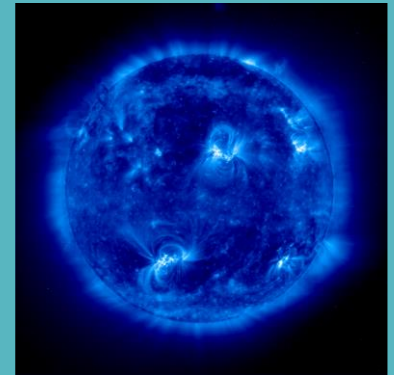


Objects that glow under ultraviolet light contain phosphors. They absorb and emit the light in a lower visible frequency. We typically see it in hues of violet and blue. Notice how close ultraviolet is to the violet and blue section of the EM spectrum above.

Grab an ultraviolet (UV) flashlight and plan an expedition to find objects that fluoresce (glow) under UV in your backyard, block or neighborhood at night.



Glowing Animal Eyes	California pink glow worms	Millipedes
Scorpions	Spiders	Flowers
Centipedes	Animal Urine	Mushrooms
Minerals	Lichen	Some Leaves



THE SUN IN UV

We can study stars and galaxies by studying the UV light they give off; many scientists are interested in studying the invisible universe of ultraviolet light, since the hottest and the most active objects in the cosmos give off large amounts of ultraviolet energy.