



Interpreting the UV Index

1. In your own words, define what the UV Index is and how it relates to ozone.

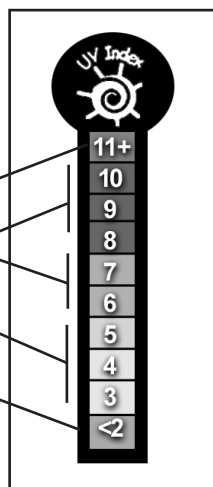
The UV Index is a next-day forecast of the amount of skin-damaging UV radiation expected to reach the Earth's surface at solar noon. Stratospheric ozone depletion results in more UV radiation reaching Earth.

UV INDEX



2. Draw a line connecting the UV index to the numbers:

High
Moderate
Low
Extreme
Very high



Fill in the blanks.

3. The UV Index is 5 today. What color will that be? yellow
4. The UV Index is 10 today. What color will that be? red
5. The UV Index is 15 today. What color is that on the UV index? purple
6. The UV Index is 2 today. What color is that on the scale? green

Answer the following:

7. The UV Index is red. What health advice would you give someone?

Take extra precautions, skin can burn quickly.

8. The UV Index is orange. What health advice would you give someone?

Protection against sunburn is needed, cover up.

9. The UV Index is green. What health advice would you give someone?

Low danger, but wear sunglasses on bright days.

10. What questions do you have about the UV Index?

Answers will vary.

UV Index COLOR, EXPOSURE LEVEL & VALUE

GREEN:
Low
1-2

YELLOW:
Moderate
3-5

ORANGE:
High
6-7

RED:
Very High
8-10

PURPLE:
Extreme
11+