

OCT 26 2010



Do Now

What is Required for life to exist?

The Requirements for life are food
water and shelter.

Hottest	113°C	Vulcan Island	15°C
Coldest	-15°C	Italy Antarctica	
Most Acidic	pH 0.0	Caves	pH 5-8
Most Basic	pH 11	evaporated lakes	1000 rads will kill a person
Highest Radiation	5 million Rads		
Highest pressure	18,000 lb/in ²	Marianas Trench	15 lbs/in ²
Saltiest	30% salt	Great Salt Lake Dead Sea	seawater & human blood = 3.5% salt
longest in space	6 years		



Planet Earth Notes.

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- glow worms make a line of spit & uses his "glowing butt" to attract insects
- the line stone is made of minerals & the water absorbs the minerals from the rocks
- Cave Swiftlets are made entirely by birds spit

Learning Logs

Studying extremophiles can help us search for alien life because it gives us an understanding where life can exist.