

Table 2 Solar System Object Atmospheric Data Answers

A	B	C	D	E	F	G	H	I
solar system object	minimum surface temperature in $^{\circ}\text{C}$	maximum surface temperature in $^{\circ}\text{C}$	reflectivity	atmospheric composition	“no greenhouse” effect temperature in K	“no greenhouse” effect temperature in $^{\circ}\text{C}$	atmospheric features	geologic features
Venus	462	462	0.75	$\text{CO}_2, \text{N}_2$	233	-40	clouds, lightning, sulfuric acid rain	extinct volcanoes, coronae, craters, dunes
Earth	-88	58	0.29	$\text{N}_2, \text{O}_2$	257	-16	clouds, lightning, storms, rain	craters, erosion, plate tectonics, volcanoes
Mars	-87	-5	0.16	$\text{CO}_2, \text{N}_2, \text{Ar}$	217	-56	dust storms, thin clouds	extinct volcanoes, craters, desertification
Titan	-178	-178	0.70 (est.)	$\text{N}_2, \text{CH}_4$	73	-200	thick clouds, methane rain	hydrocarbon oceans