

THE BARRINGER METEORITE CRATER

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Teacher Key 2

Where on Earth Are the Impacts? – A Scavenger Hunt!

Find the data needed to complete this global hunt for craters!!

United States	Name/Location	Diameter	Age	Lat/Long	Target Rock type
Oldest	Beaverhead /Montana	60km (~37.3 mi)	~600my	N 44° 36' W 113° 0'	M
Youngest	Haviland/Kansas	.015km (~0 mi)	<.001 my	N 37° 35' W 99° 10'	S
Biggest					

North America	Name/Location	Diameter	Age	Lat/Long	Target Rock type
Oldest	Sudbury/Ontario, Canada	250km (~155.3 mi)	1850+/- 3my	N 46° 36' W 81° 11'	C
Youngest	Haviland/Kansas	.015km (~0 mi)	<.001 my	N 37° 35' W 99° 10'	S
Biggest					

South America	Name/Location	Diameter	Age	Lat/Long	Target Rock type
Oldest	Serra da Cangalha / Brazil	12km (~7.5 mi)	<300 my	S 8° 5' W 46° 52'	S
Youngest	Campo de Cielo/ Argentina	.05km (~0 mi)	<.004 my	S 27° 38' W 61° 42'	M
Biggest					

Europe	Name/Location	Diameter	Age	Lat/Long	Target Rock type
Oldest	Paasselka/Finland	10km (~6.2 mi)	<1800 my	N 62° 2' L 29° 5'	M
	Keurusselka/Finland	30km (~18.6 mi)	< 1800 my	N 62° 8' E 24° 36'	C
Youngest	Kaalijarvi/ Estonia	.11km (~1 mi)	.004 +/- .001 my	N 58° 24' E 22° 40'	S
Biggest					

Russia/Asia	Name/Location	Diameter	Age	Lat/Long	Target Rock type
Oldest	Suavjarvi/ Russia	16km (~9.9 mi)	~2400my	N 63° 7' E 33° 23'	C-Ms
Oldest	Dhala / India	11km	>1700<2500 my	N 25° 18' E 78° 8'	M
Youngest	Wabar/ Saudi Arabia	.116km (~.1 mi)	.00014 my	N 21° 30' E 50° 28'	S
Biggest					

Africa	Name/Location	Diameter	Age	Lat/Long	Target Rock type
Oldest	Vredefort/ South Africa	300km (~186.4 mi)	2023 +/- 4 my	S 27° 0' E 27° 30'	M
Youngest	Tenoumer/ Mauritania	1.9 km (~1.2mi)	.0214 +/- .0097 my	N 22° 55' W 10° 24'	M
Biggest					

Australia	Name/Location	Diameter	Age	Lat/Long	Target Rock type
Oldest	Yarrabubba/Western Australia	30km (~ 18.6 mi)	~2000 my	S 27° 10' E 118° 50'	C
Youngest	Henbury/ Northern Territory	.157km (~.1mi)	.0042 +/- .0019 my	S 24° 34' E 133° 8'	S
Biggest					