

Complete Global Impact Craters Database

Copy the table below and paste into Excel (sorted oldest to youngest)

Age (Ma)	Crater Name	Location	Diameter (km)	Latitude	Longitude	Band
2400	Suavjärvi	Russia	16	N 63° 7'	E 33° 23'	A
2023	Vredefort	South Africa	160	S 27° 0'	E 27° 30'	A
2000	Yarrabubba	Western Australia	30	S 27° 10'	E 118° 50'	A
1900	Dhala	India	11	N 25° 18'	E 78° 8'	A
1880	Summanen	Finland	2.6	N 62° 39'	E 25° 22'	A
1850	Sudbury	Ontario Canada	130	N 46° 36'	W 81° 11'	A
1800	Keuruselkä	Finland	30	N 62° 8'	E 24° 36'	A
1800	Paasselkä	Finland	10	N 62° 2'	E 29° 5'	A
1630	Shoemaker	Western Australia	30	S 25° 52'	E 120° 53'	A
1402	Matt Wilson	Northern Territory	7.5	S 15° 30'	E 131° 11'	A
1400	Goyder	Northern Territory	3	S 13° 28'	E 135° 2'	A
1120	Amelia Creek	Northern Territory	20	S 20° 55'	E 134° 50'	A
1055.815	Kamenetsk	Ukraine	2.6	N 47° 46'	E 32° 21'	A
1000	Iso-Naakkima	Finland	3	N 62° 11'	E 27° 9'	A
1000	Lumparn	Finland	9	N 60° 9'	E 20° 6'	A
1000	Suvasvesi N	Finland	4	N 62° 42'	E 28° 10'	A
960	Cleanskin	Northern Territory	15	S 18° 10'	E 137° 56'	B
700	Jänisjärvi	Russia	14	N 61° 58'	E 30° 55'	D
646	Strangways	Northern Territory	25	S 15° 12'	E 133° 35'	E
600	Beaverhead	Montana U.S.A.	60	N 44° 36'	W 113° 0'	E
600	Saarijärvi	Finland	1.5	N 65° 17'	E 28° 23'	E
600	Söderfjärden	Finland	6.6	N 63° 2'	E 21° 35'	E
590	Acraman	South Australia	90	S 32° 1'	E 135° 27'	F

Age (Ma)	Crater Name	Location	Diameter (km)	Latitude	Longitude	Band
573	Luizi	DR Congo	17	S 10° 10'	E 28° 00'	F
570	Spider	Western Australia	13	S 16° 44'	E 126° 5'	F
560	Sääksjärvi	Finland	6	N 61° 24'	E 22° 24'	F
550	Holleford	Ontario Canada	2.35	N 44° 28'	W 76° 38'	F
550	Kelly West	Northern Territory	10	S 19° 56'	E 133° 57'	F
545	Foelsche	Northern Territory	6	S 16° 40'	E 136° 47'	F
535	Neugrund	Estonia	8	N 59° 20'	E 23° 40'	F
520	Ritland	Norway	2.7	N 59° 14'	E 6° 26'	F
515	Lawn Hill	Queensland	18	S 18° 40'	E 138° 39'	F
508	Glikson	Western Australia	19	S 23° 59'	E 121° 34'	F
500	Gardnos	Norway	5	N 60° 39'	E 9° 0'	F
500	Mizarai	Lithuania	5	N 54° 1'	E 23° 54'	F
500	Rock Elm	Wisconsin U.S.A.	6	N 44° 43'	W 92° 14'	F
470	Ames	Oklahoma U.S.A.	16	N 36° 15'	W 98° 12'	G
470	Granby	Sweden	3	N 58° 25'	E 14° 56'	G
465.5	Decorah	Iowa U.S.A.	5.5	N 43° 19'	W 91° 46'	G
465	Clearwater East	Quebec Canada	26	N 56° 5'	W 74° 7'	G
458	Lockne	Sweden	7.5	N 63° 0'	E 14° 49'	G
458	Målingen	Sweden	1	N 62° 55'	E 14° 33'	G
457.5	Ramgarh	India	10	N 25° 20'	E 76° 37'	G
456.5	Hummeln	Sweden	1.2	N 57° 22'	E 16° 15'	G
455	Kärdla	Estonia	7	N 59° 1'	E 22° 46'	G

Age (Ma)	Crater Name	Location	Diameter (km)	Latitude	Longitude	Band
455	Tvären	Sweden	2	N 58° 46'	E 17° 25'	G
452.8	Brent	Ontario Canada	3.8	N 46° 5'	W 78° 29'	G
450	Calvin	Michigan USA	8.5	N 41° 50'	W 85° 57'	G
450	Glover Bluff	Wisconsin U.S.A.	8	N 43° 58'	W 89° 32'	G
450	Newporte	North Dakota U.S.A.	3.2	N 48° 58'	W 101° 58'	G
450	Presqu'île	Quebec Canada	24	N 49° 43'	W 74° 48'	G
450	Slate Islands	Ontario Canada	30	N 48° 40'	W 87° 0'	G
445	Pilot	NWT Canada	6	N 60° 17'	W 111° 1'	G
430	Couture	Quebec Canada	8	N 60° 8'	W 75° 20'	G
400	Glasford	Illinois U.S.A.	4	N 40° 36'	W 89° 47'	G
400	La Moinerie	Quebec Canada	8	N 57° 26'	W 66° 37'	G
395	Elbow	Saskatchewan Canada	8	N 50° 59'	W 106° 43'	G
380	Kaluga	Russia	15	N 54° 30'	E 36° 12'	H
378	Ilyinets	Ukraine	8.5	N 49° 7'	E 29° 6'	H
376.8	Siljan	Sweden	52	N 61° 2'	E 14° 52'	H
364	Woodleigh	Western Australia	40	S 26° 3'	E 114° 39'	H
360	Flynn Creek	Tennessee U.S.A.	3.8	N 36° 17'	W 85° 40'	H
360	Piccaninny	Western Australia	7	S 17° 32'	E 128° 25'	H
351	West Hawk	Manitoba Canada	2.44	N 49° 46'	W 95° 11'	H
350	Nicholson	NWT Canada	12.5	N 62° 40'	W 102° 41'	H
345	Aorounga	Chad	12.6	N 19° 6'	E 19° 15'	H

Age (Ma)	Crater Name	Location	Diameter (km)	Latitude	Longitude	Band
345	Gweni-Fada	Chad	14	N 17° 25'	E 21° 45'	H
342	Charlevoix	Quebec Canada	54	N 47° 32'	W 70° 18'	H
320	Crooked Creek	Missouri U.S.A.	7	N 37° 50'	W 91° 23'	H
300	Mishina Gora	Russia	2.5	N 58° 43'	E 28° 3'	H
290	Clearwater West	Quebec Canada	36	N 56° 13'	W 74° 30'	H
290	Dobele	Latvia	4.5	N 56° 35'	E 23° 15'	H
280	Douglas	Wyoming U.S.A.	0.15	N 42° 40'	W 105° 28'	H
280	Ternovka	Ukraine	11	N 48° 08'	E 33° 31'	H
254.7	Araguainha	Brazil	40	S 16° 47'	W 52° 59'	H
250	Decaturville	Missouri U.S.A.	6	N 37° 54'	W 92° 43'	H
250	Des Plaines	Illinois U.S.A.	8	N 42° 3'	W 87° 52'	H
250	Ile Rouleau	Quebec Canada	4	N 50° 41'	W 73° 53'	H
250	Kursk	Russia	6	N 51° 42'	E 36° 0'	H
250	Middlesboro	Kentucky U.S.A.	6	N 36° 37'	W 83° 44'	H
250	Suvasvesi S	Finland	3.8	N 62° 36'	E 28° 13'	H
240	Saqqar	Saudi Arabia	34	N 29° 35'	E 38° 42'	I
230	Karikkoselkä	Finland	1.5	N 62° 13'	E 25° 15'	I
220	Saint Martin	Manitoba Canada	40	N 51° 47'	W 98° 32'	I
214	Manicouagan	Quebec Canada	85	N 51° 23'	W 68° 42'	I

Age (Ma)	Crater Name	Location	Diameter (km)	Latitude	Longitude	Band
201	Rochechouart	France	23	N 45° 50'	E 0° 56'	I
200	Gow	Saskatchewan Canada	5	N 56° 27'	W 104° 29'	I
200	Red Wing	North Dakota U.S.A.	9	N 47° 36'	W 103° 33'	I
190	Cloud Creek	Wyoming USA	7	N 43° 7'	W 106° 45'	I
190	Viewfield	Saskatchewan Canada	2.5	N 49° 35'	W 103° 4'	I
180	Kgagodi	Botswana	3.5	S 22° 29'	E 27° 35'	J
169	Obolon'	Ukraine	20	N 49° 35'	E 32° 55'	J
167	Puchezh-Katunki	Russia	40	N 56° 58'	E 43° 43'	J
165	Zapadnaya	Ukraine	3.2	N 49° 44'	E 29° 0'	J
160	Vepriai	Lithuania	8	N 55° 5'	E 24° 35'	J
150	Liverpool	Northern Territory	1.6	S 12° 24'	E 134° 3'	J
150	Tabun-Khara-Obo	Mongolia	1.3	N 44° 07'	E 109° 39'	J
150	Upheaval Dome	Utah U.S.A.	10	N 38° 26'	W 109° 54'	J
145	Morokweng	South Africa	70	S 26° 28'	E 23° 32'	J
142.5	Gosses Bluff	Northern Territory	22	S 23° 49'	E 132° 19'	J
142	Mjølnir	Norway	40	N 73° 48'	E 29° 40'	J
135	Cerro do Jarau	Brazil	13.5	N 30° 12'	W 56° 32'	J
128	Tookoonooka	Queensland	55	S 27° 7'	E 142° 50'	J
121	Mien	Sweden	9	N 56° 25'	E 14° 52'	J
120	B.P. Structure	Libya	2	N 25° 19'	E 24° 20'	J
120	Oasis	Libya	18	N 24° 35'	E 24° 24'	J

Age (Ma)	Crater Name	Location	Diameter (km)	Latitude	Longitude	Band
120	Rotmistrovka	Ukraine	2.7	N 49° 0'	E 32° 0'	J
115	Carswell	Saskatchewan Canada	39	N 58° 27'	W 109° 30'	J
110	Mount Toondina	South Australia	4	S 27° 57'	E 135° 22'	J
99	Deep Bay	Saskatchewan Canada	13	N 56° 24'	W 102° 59'	J
91	Steen River	Alberta Canada	25	N 59° 30'	W 117° 38'	J
90	Kentland	Indiana U.S.A.	13	N 40° 45'	W 87° 24'	J
90	Sierra Madera	Texas U.S.A.	13	N 30° 36'	W 102° 55'	J
89	Dellen	Sweden	19	N 61° 48'	E 16° 48'	J
86.7	Yallalie	Western Australia	15	S 30° 28'	E 115° 47'	J
81	Wetumpka	Alabama U.S.A.	6.5	N 32° 31'	W 86° 10'	J
80	Zeleny Gai	Ukraine	3.5	N 48° 4'	E 32° 45'	J
76.2	Lappajärvi	Finland	23	N 63° 12'	E 23° 42'	K
73.8	Manson	Iowa U.S.A.	35	N 42° 35'	W 94° 33'	K
70.3	Kara	Russia	65	N 69° 6'	E 64° 9'	K
70	Chukcha	Russia	6	N 75° 42'	E 97° 48'	K
70	Maple Creek	Saskatchewan Canada	6	N 49° 48'	W 109° 6'	K
70	Ouarkiz	Algeria	3.5	N 29° 0'	W 7° 33'	K
70	Tin Bider	Algeria	6	N 27° 36'	E 5° 7'	K
65.17	Boltysh	Ukraine	24	N 48° 45'	E 32° 10'	K
64.98	Chicxulub	Yucatan Mexico	150	N 21° 20'	W 89° 30'	K
60	Connolly Basin	Western Australia	9	S 23° 32'	E 124° 45'	K

Age (Ma)	Crater Name	Location	Diameter (km)	Latitude	Longitude	Band
60	Eagle Butte	Alberta Canada	10	N 49° 42'	W 110° 30'	K
58	Marquez	Texas U.S.A.	12.7	N 31° 17'	W 96° 18'	K
50.5	Montagnais	Nova Scotia Canada	45	N 42° 53'	W 64° 13'	K
50	Goat Paddock	Western Australia	5.1	S 18° 20'	E 126° 40'	K
49	Avak	Alaska U.S.A.	12	N 71° 15'	W 156° 38'	K
49	Gusev	Russia	3	N 48° 26'	E 40° 32'	K
49	Kamensk	Russia	25	N 48° 21'	E 40° 30'	K
46.5	Jebel Waqf as Suwwan	Jordan	5.5	N 31° 03'	E 36° 48'	L
46	Chiyli	Kazakhstan	5.5	N 49° 10'	E 57° 51'	L
46	Ragozinka	Russia	9	N 58° 44'	E 61° 48'	L
45	Shunak	Kazakhstan	2.8	N 47° 12'	E 72° 42'	L
42.3	Logoisk	Belarus	15	N 54° 12'	E 27° 48'	L
40	Beyenchime-Salaatin	Russia	8	N 71° 0'	E 121° 40'	L
40	Logancha	Russia	20	N 65° 31'	E 95° 56'	L
39	Haughton	Nunavut Canada	23	N 75° 22'	W 89° 41'	L
37.2	Wanapitei	Ontario Canada	7.5	N 46° 45'	W 80° 45'	L
36.4	Mistastin	Newfoundland/Labrador Canada	28	N 55° 53'	W 63° 18'	L
35.7	Popigai	Russia	90	N 71° 39'	E 111° 11'	L

Age (Ma)	Crater Name	Location	Diameter (km)	Latitude	Longitude	Band
35.5	Chesapeake Bay	Virginia U.S.A.	40	N 37° 17'	W 76° 1'	L
35	Crawford	South Australia	8.5	S 34° 43'	E 139° 2'	L
35	Flaxman	South Australia	10	S 34° 37'	E 139° 4'	L
20.5	Colônia	Brazil	3.6	S 23° 52'	W 46° 43'	L
15.1	Ries	Germany	24	N 48° 53'	E 10° 37'	L
15	Steinheim	Germany	3.8	N 48° 41'	E 10° 4'	L
5	Bigach	Kazakhstan	8	N 48° 34'	E 82° 1'	M
5	Kara-Kul	Tajikistan	52	N 39° 1'	E 73° 27'	M
5	Karla	Russia	10	N 54° 55'	E 48° 2'	M
3.7	Roter Kamm	Namibia	2.5	S 27° 46'	E 16° 18'	M
3.5	El'gygytgyn	Russia	18	N 67° 30'	E 172° 5'	M
3	Aouelloul	Mauritania	0.39	N 20° 15'	W 12° 41'	M
3	Talemzane	Algeria	1.75	N 33° 19'	E 4° 2'	M
1.4	New Quebec	Quebec Canada	3.44	N 61° 17'	W 73° 40'	M
1.07	Bosumtwi	Ghana	10.5	N 6° 30'	W 1° 25'	M
1	Veevers	Western Australia	0.08	S 22° 58'	E 125° 22'	M
0.9	Zhamanshin	Kazakhstan	14	N 48° 24'	E 60° 58'	M
0.815	Pantasma	Nicaragua	14	S 13° 13'	W 85° 57'	M
0.5	Monturaqui	Chile	0.46	S 23° 56'	W 68° 17'	M
0.3	Wolfe Creek	Western Australia	0.87	S 19° 10'	E 127° 48'	N
0.27	Dalgaranga	Western Australia	0.02	S 27° 38'	E 117° 17'	N
0.25	Kalkkop	South Africa	0.64	S 32° 43'	E 24° 26'	N
0.22	Tswaing	South Africa	1.13	S 25° 24'	E 28° 5'	N
0.105	Agoudal	Morocco	-	N 31° 59'	W 5° 30'	N

Age (Ma)	Crater Name	Location	Diameter (km)	Latitude	Longitude	Band
0.1	Amguid	Algeria	0.45	N 26° 5'	E 4° 23'	N
0.1	Hickman	Western Australia	0.26	S 23° 02'	E 119° 41'	N
0.0635	Odessa	Texas U.S.A.	0.16	N 31° 45'	W 102° 29'	N
0.052	Lonar	India	1.83	N 19° 58'	E 76° 31'	N
0.05	Xiuyan	China	1.8	N 40° 21'	E 123° 27'	N
0.049	Barringer	Arizona U.S.A.	1.18	N 35° 2'	W 111° 1'	N
0.0214	Tenoumer	Mauritania	1.9	N 22° 55'	W 10° 24'	N
0.01	Morasko	Poland	0.1	N 52° 29'	E 16° 54'	N
0.007	Macha	Russia	0.3	N 60° 6'	E 117° 35'	N
0.0066	Ilumetsä	Estonia	0.08	N 57° 58'	E 27° 25'	N
0.0054	Boxhole	Northern Territory	0.17	S 22° 37'	E 135° 12'	N
0.004	Campo Del Cielo	Argentina	0.05	S 27° 38'	W 61° 42'	N
0.004	Kaalijärv	Estonia	0.11	N 58° 24'	E 22° 40'	N
0.0042	Henbury	Northern Territory	0.15	S 24° 34'	E 133° 8'	N
0.0011	Whitecourt	Alberta Canada	0.04	N 54° 00'	W 115° 36'	N
0.001	Haviland	Kansas U.S.A.	0.01	N 37° 35'	W 99° 10'	N
0.001	Sobolev	Russia	0.05	N 46° 18'	E 137° 52'	N
0.00014	Wabar	Saudi Arabia	0.11	N 21° 30'	E 50° 28'	N
0.000067	Sikhote Alin	Russia	0.02	N 46° 7'	E 134° 40'	N
0.000007	Carancas	Peru	0.0135	S 16° 40'	W 69° 03'	N
Uncertain	Kamil	Egypt	0.045	N 22° 01'	E 26° 05'	Uncertain
Uncertain	Riachão Ring	Brazil	4.5	S 7° 43'	W 46° 39'	Uncertain
Uncertain	Rio Cuarto	Argentina	4.5	S 32° 52'	W 64° 14'	Uncertain

Age (Ma)	Crater Name	Location	Diameter (km)	Latitude	Longitude	Band
Uncertain	Santa Marta	Brazil	10	S 10° 10'	W 45° 15'	Uncertain
Uncertain	Serra da Cangalha	Brazil	12	S 8° 5'	W 46° 52'	Uncertain
Uncertain	Vargeão Dome	Brazil	12	S 26° 50'	W 52° 07'	Uncertain
Uncertain	Vista Alegre	Brazil	9.5	S 25° 57'	W 52° 41'	Uncertain
Uncertain	Santa Fe	New Mexico U.S.A.	9.5	N 35° 45'	W 105° 56'	Uncertain
Uncertain	Tunnunik	Victoria Island Arctic Canada	25	N 72° 28'	W 113° 58'	Uncertain
Uncertain	Wells Creek	Tennessee U.S.A.	12	N 36° 23'	W 87° 40'	Uncertain

Band Definitions:

- **Band A:** Over 1,000 million years old
- **Band B:** 900-1,000 million years
- **Band C:** 800-900 million years (none found)
- **Band D:** 700-800 million years
- **Band E:** 600-700 million years
- **Band F:** 500-600 million years
- **Band G:** 400-500 million years
- **Band H:** 300-400 million years
- **Band I:** 200-300 million years
- **Band J:** 100-200 million years
- **Band K:** 50-100 million years
- **Band L:** 10-50 million years
- **Band M:** 1-10 million years
- **Band N:** Less than 1 million years
- **Uncertain:** Age unclear or large discrepancy

Total craters: 199 (Complete Global Database)

- North America: 62 craters
- South America: 12 craters

- Europe: 42 craters
- Asia & Russia: 33 craters
- Africa: 20 craters
- Australia: 30 craters
- 16 craters in Band A (over 1 billion years old)
- 1 crater in Band B (900-1,000 Ma)
- 10 craters with uncertain ages