

EARTH IMPACT DATABASE

<http://www.passc.net/EarthImpactDatabase/index.html>

Structure Name	Location	Lat	Lon	Age (Ma)*	Diameter (km)
Acraman	South Australia	32.0S	135.5E	~ 590	90
Amelia Creek	N. Territory, Australia	20.9S	134.8E	1640 - 600	~20
Ames	Oklahoma, U.S.A.	36.3N	98.2E	470 ± 30	16
Amquid	Algeria	26.1N	4.4E	< 0.1	0.45
Aorounga	Chad	19.1N	19.3E	< 345	12.6
Aouelloul	Mauritania	20.3N	12.7E	3.0 ± 0.3	0.39
Araquainha	Brazil	16.8S	53.0W	254.7 ± 2.5	40
Avak	Alaska, U.S.A.	71.3N	156.6W	3-95	12
Barringer	Arizona, U.S.A.	35.0N	111.0W	0.049 ± 0.003	1.18
Beaverhead	Montana, U.S.A.	44.6N	113.0W	~ 600	60
Beyenchime-Salaatin	Russia	71.0N	121.7E	40 ± 20	8
Bigach	Kazakhstan	48.6N	82.0E	5 ± 3	8
Boltysch	Ukraine	48.8N	32.2E	65.17 ± 0.64	24
Bosumtwi	Ghana	6.5N	1.4W	1.07	10.5
Boxhole	N. Territory, Australia	22.6S	135.2E	0.0054± 0.0015	0.17
B.P. Structure	Libya	25.3N	24.3E	< 120	2
Brent	Ontario, Canada	45.1N	78.5W	>453	3.8
Calvin	Michigan, USA	41.8N	86.0W	450 ± 10	8.5
Campo Del Cielo	Argentina	27.6S	61.7W	< 0.004	0.05
Carancas	Peru	16.7S	69.1W	0.000006	0.0135
Carswell	Saskatchewan, Canada	58.5N	109.5W	115 ± 10	39
Charlevoix	Quebec, Canada	47.5N	70.3W	342 ± 15	54
Chesapeake Bay	Virginia, U.S.A.	37.3N	76.0W	35.5 ± 0.3	40
Chicxulub	Yucatan, Mexico	21.3N	89.5W	64.98 ± 0.05	150
Chiyli	Kazakhstan	49.2N	57.9E	46 ± 7	5.5
Chukcha	Russia	75.7N	97.8E	< 70	6
Clearwater East	Quebec, Canada	56.1N	74.1W	290 ± 20	26
Clearwater West	Quebec, Canada	56.2N	74.5W	290 ± 20	36
Cloud Creek	Wyoming, USA	43.1N	106.8W	190 ± 30	7
Connolly Basin	Western Australia	23.5S	124.8E	< 60	9
Couture	Quebec, Canada	60.1N	75.3W	430 ± 25	8
Crawford	South Australia	34.7S	139.0E	> 35	8.5
Crooked Creek	Missouri, U.S.A.	37.8N	91.4W	320 ± 80	7
Dalgaranga	Western Australia	27.6S	117.3E	~ 0.27	0.024
Decaturville	Missouri, U.S.A.	37.9N	92.7W	< 300	6
Deep Bay	Saskatchewan, Canada	56.4N	103.0W	99 ± 4	13
Dellen	Sweden	61.8N	16.8E	89.0 ± 2.7	19
Des Plaines	Illinois, U.S.A.	42.1N	87.9W	< 280	8
Dhala	India	25.3N	78.1E	> 1700 < 2100	11
Dobele	Latvia	56.6N	23.3E	290 ± 35	4.5
Eagle Butte	Alberta, Canada	49.7N	110.5W	< 65	10
Elbow	Saskatchewan, Canada	51.0N	106.7W	395 ± 25	8
El'gygytgyn	Russia	67.5N	172.1E	3.5 ± 0.5	18
Flaxman	South Australia	34.6S	139.1E	> 35	10

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Flynn Creek	Tennessee, U.S.A.	36.3N	85.7W	360 ± 20	3.8
Foelsche	N. Territory, Australia	16.7S	136.8E	> 545	6
Gardnos	Norway	60.7N	9.0E	500 ± 10	5
Glasford	Illinois, U.S.A.	40.6N	89.8W	< 430	4
Glikson	Western Australia	24.0S	121.6E	< 508	~19
Glover Bluff	Wisconsin, U.S.A.	44.0N	89.5W	< 500	8
Goat Paddock	Western Australia	18.3S	126.7E	< 50	5.1
Gosses Bluff	N. Territory, Australia	23.8S	132.3E	142.5 ± 0.8	22
Gow	Saskatchewan, Canada	56.5N	104.5W	< 250	5
Goyder	Northern Territory	13.5S	135.0E	< 1400	3
Granby	Sweden	58.4N	14.9E	~ 470	3
Gusev	Russia	48.4N	40.5E	49.0 ± 0.2	3
Gweni-Fada	Chad, Africa	17.4N	21.8E	< 345	14
Haughton	Nunavut, Canada	75.4N	89.7W	39	23
Haviland	Kansas, U.S.A.	37.6N	99.2W	< 0.001	0.015
Henbury	N. Territory, Australia	24.6S	133.1E	0.0042 ± 0.0019	0.157
Holleford	Ontario, Canada	44.5N	76.6W	550 ± 100	2.35
Ile Rouleau	Quebec, Canada	51.7N	73.9W	< 300	4
Ilumetsä	Estonia	58.0N	27.4E	~ 0.0066	0.08
Ilyinets	Ukraine	49.1N	29.1E	378 ± 5	8.5
Iso-Naakkima	Finland	62.2N	27.2E	> 1000	3
Jänisjärvi	Russia	62.0N	30.9E	700 ± 5	14
Jebel Waqf as Suwwan	Jordan	31.1N	36.8E	56 - 37	5.5
Kaalijärv	Estonia	58.4N	22.7E	0.004 ± 0.001	0.11
Kalkkop	South Africa	32.7S	24.4E	0.250 ± 0.050	0.64
Kaluqa	Russia	54.5N	36.2E	380 ± 5	15
Kamensk	Russia	48.4N	40.5E	49.0 ± 0.2	25
Kamil	Egypt	22.0N	26.1E	?	0.045
Kara	Russia	69.1N	64.2E	70.3 ± 2.2	65
Kara-Kul	Tajikistan	39.0N	73.5E	< 5	52
Kärdla	Estonia	59.0N	22.8E	~ 455	4
Karikkoselkä	Finland	62.2N	25.3E	~ 230	1.5
Karla	Russia	54.9N	48.0E	5 ± 1	10
Kelly West	N. Territory, Australia	20.0S	134.0E	> 550	10
Kentland	Indiana, U.S.A.	40.8N	87.4W	< 97	13
Keuruselkä	Finland	62.1N	24.6E	< 1800	~30
Kgagodi	Botswana	22.5S	27.6E	< 180	3.5
Kursk	Russia	51.7N	36.0E	250 ± 80	6
La Moinerie	Quebec, Canada	57.4N	66.6W	400 ± 50	8
Lappajärvi	Finland	63.2N	23.7E	73.3 ± 5.3	23
Lawn Hill	Queensland, Australia	18.7S	138.7E	> 515	18
Liverpool	N. Territory, Australia	12.4S	134.1E	150 ± 70	1.6
Lockne	Sweden	63.0N	14.8E	455	7.5
Logancha	Russia	65.5N	95.9E	40 ± 20	20
Logoisk	Belarus	54.2N	27.8E	42.3 ± 1.1	15
Lonar	India	20.0N	76.5E	0.052 ± 0.006	1.83
Luizi	Dem. Republic of Congo	10.2S	28.0E	< 573	17

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Lumparn	Finland	60.2N	20.1E	~ 1000	9
Macha	Russia	60.1N	117.6E	< 0.007	0.3
Manicouagan	Quebec, Canada	51.4N	68.7W	214 ± 1	85
Manson	Iowa, U.S.A.	42.6N	94.6W	73.8 ± 0.3	35
Maple Creek	Saskatchewan, Canada	49.8N	109.1W	< 75	6
Marquez	Texas, U.S.A.	31.3N	96.3W	58 ± 2	12.7
Matt Wilson	Northern Territory	15.5S	131.2E	1402 ± 440	7.5
Middlesboro	Kentucky, U.S.A.	36.6N	83.7W	< 300	6
Mien	Sweden	56.4N	14.9E	121.0 ± 2.3	9
Mishina Gora	Russia	58.7N	28.1E	300 ± 50	2.5
Mistastin	Newfoundland/Labrador, Canada	55.9N	63.3W	36.4 ± 4	28
Mizarai	Lithuania	54.0N	23.9E	500 ± 20	5
Mjølnir	Norway	73.8N	29.7E	142.0 ± 2.6	40
Montagnais	Nova Scotia, Canada	42.9N	64.2W	50.50 ± 0.76	45
Monturaqui	Chile	23.9S	68.3W	< 1	0.46
Morasko	Poland	52.5N	16.9E	< 0.01	0.1
Morokweng	South Africa	26.5S	23.5E	145.0 ± 0.8	70
Mount Toondina	South Australia	28.0S	135.4E	< 110	4
Neugrund	Estonia	59.3N	23.7E	~ 470	8
Newporte	North Dakota, U.S.A.	49.0N	102.0W	< 500	3.2
New Quebec	Quebec, Canada	61.3N	73.7W	1.4 ± 0.1	3.44
Nicholson	NW Territories, Canada	62.7N	102.7W	< 400	12.5
Oasis	Libya	24.6N	24.4E	< 120	18
Obolon'	Ukraine	49.6N	32.9E	169 ± 7	20
Odessa	Texas, U.S.A.	31.8N	102.5W	< 0.0635	0.168
Ouarkiz	Algeria	29.0N	7.6W	< 70	3.5
Paasselkä	Finland	62.0N	29.1E	< 1800	10
Piccaninny	Western Australia	17.5S	128.4E	< 360	7
Pilot	NW Territories, Canada	60.3N	111.0W	445 ± 2	6
Popigai	Russia	71.7N	111.2E	35.7 ± 0.2	90
Presqu'île	Quebec, Canada	49.7N	74.8W	< 500	24
Puchezh-Katunki	Russia	57.0N	43.7E	167 ± 3	40
Ragozinka	Russia	58.7N	61.8E	46 ± 3	9
Red Wing	North Dakota, U.S.A.	47.6N	103.6W	200 ± 25	9
Riachao Ring	Brazil	7.7S	46.7W	< 200	4.5
Ries	Germany	48.9N	10.6E	15.1 ± 0.1	24
Rio Cuarto	Argentina	32.9S	64.2W	< 0.1	4.5
Ritland	Norway	59.2N	6.4E	520 ± 20	2.7
Rochechouart	France	45.8N	0.9E	201 ± 2	23
Rock Elm	Wisconsin, U.S.A.	44.7N	92.2W	< 505	6
Roter Kamm	Namibia	27.8S	16.3E	3.7 ± 0.3	2.5
Rotmistrovka	Ukraine	49.0N	32.0E	120 ± 10	2.7
Sääksjärvi	Finland	61.4N	22.4E	~ 560	6
Saarijärvi	Finland	65.3N	28.4E	> 600	1.5
Saint Martin	Manitoba, Canada	51.8N	98.5W	220 ± 32	40
Santa Fe	New Mexico , U.S.A.	35.8N	105.9W	< 1200	6-13

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Serpent Mound	Ohio, U.S.A.	39.0N	83.4W	< 320	8
Serra da Cangalha	Brazil	8.1S	46.9W	< 300	12
Shoemaker (formerly Teague)	Western Australia	25.9S	120.9E	1630 ± 5	30
Shunak	Kazakhstan	47.2N	72.7E	45 ± 10	2.8
Sierra Madera	Texas, U.S.A.	30.6N	102.9W	< 100	13
Sikhote Alin	Russia	46.1N	134.7E	0.000066	0.027
Siljan	Sweden	61.0N	14.9E	376.8 ± 1.7	52
Slate Islands	Ontario, Canada	48.7N	87.0W	~ 450	30
Sobolev	Russia	46.3N	137.9E	< 0.001	0.053
Söderfjärden	Finland	63.0N	21.6E	~ 600	6.6
Spider	Western Australia	16.7S	126.1E	> 570	13
Steen River	Alberta, Canada	59.5N	117.6W	91 ± 7	25
Steinheim	Germany	48.7N	10.1E	15 ± 1	3.8
Strangways	N. Territory, Australia	15.2S	133.6E	646 ± 42	25
Suavijärvi	Russia	63.1N	33.4E	~ 2400	16
Sudbury	Ontario, Canada	46.6N	81.2W	1850 ± 3	130
Suvasvesi N	Finland	62.7N	28.2E	< 1000	4
Tabun-Khara-Obo	Mongolia	44.1N	109.7E	150 ± 20	1.3
Talemzane	Algeria	33.3N	4.0E	< 3	1.75
Tenoumer	Mauritania	22.9N	10.4W	0.0214 ± 0.0097	1.9
Ternovka	Ukraine	48.1N	33.5E	280 ± 10	11
Tin Bider	Algeria	27.6N	5.1E	< 70	6
Tookoonooka	Queensland, Australia	27.1S	142.8E	128 ± 5	55
Tswaing (formerly Pretoria Saltpan)	South Africa	25.4S	28.1E	0.220 ± 0.052	1.13
Tvären	Sweden	58.8N	17.4E	~ 455	2
Upheaval Dome	Utah, U.S.A.	38.4N	109.9W	< 170	10
Vargeao Dome	Brazil	26.8S	52.1W	123±1.4	12
Veevers	Western Australia	23.0S	125.4E	< 1	0.08
Vepriai	Lithuania	55.1N	24.6E	> 160 ± 10	8
Viewfield	Saskatchewan, Canada	49.6N	103.1W	190 ± 20	2.5
Vista Alegre	Brazil	26.0S	52.7W	< 65	9.5
Vredefort	South Africa	27.0S	27.5E	2023 ± 4	160
Wabar	Saudi Arabia	21.5N	50.5E	0.00014	0.116
Wanapitei	Ontario, Canada	46.8N	80.8W	37.2 ± 1.2	7.5
Wells Creek	Tennessee, U.S.A.	36.4N	87.7W	200 ± 100	12
West Hawk	Manitoba, Canada	49.8N	95.2W	351 ± 20	2.44
Wetumpka	Alabama, U.S.A.	32.5N	86.2W	81.0 ± 1.5	6.5
Whitcourt	Alberta, Canada	54.0N	115.6W	<0.0011	0.036
Wolfe Creek	Western Australia	19.2S	127.8E	< 0.3	0.875
Woodleigh	Western Australia	26.1S	114.7E	364 ± 8	40
Xiuyan	China	40.4N	123.5E	> 0.05	1.8
Yarrabubba	Western Australia	27.2S	118.8E	~ 2000	30
Zapadnaya	Ukraine	49.7N	29.0E	165 ± 5	3.2
Zeleny Gai	Ukraine	48.1N	32.8E	80 ± 20	3.5
Zhamanshin	Kazakhstan	48.4N	61.0E	0.9 ± 0.1	14