

LIST OF ASTROBLEMS/IMPACT STRUCTURES IDENTIFIED ON EARTH SURFACE

Third edition of the Geological Map of the World, sheet 1 Physiography, volcanoes, astroblemes, at 1:50 000 000 - Compiler: Philippe Bouysson, 2006

Sources:

- (Roman type) Site: <<http://www.unb.ca/passc/ImpactDatabase>>, April 2006
By John Spray & Jason Hines, Planetary And Space Science Centre (PASSC)
University of New Brunswick, Canada
(174 structures: number 1 to 174),
- (Italics) Site: <<http://www.somerikko.net/old/geo/imp/impacts.htm>>, April 2006
By Jarmo Moilanen (Finland): Impact Structures of the World (since Nov. 1996)
(21 structures: a to u)
- (Bold) In addition: **Velingara** (Master, Diallo, Kande, Wade, 1999, South Africa/Senegal), **Iturralde** (T. J. Killeen, Missouri Botanical Garden, Saint Louis, 1995-2006) astroblems and **Gilf Kebir** impact crater field (Paillou et al., C. R. Géoscience, Paris, vol. 335, 2003).
(3 structures)
- (In red) Tunguska airblast

TOTAL: 198 IMPACT STRUCTURES

Nota: * = approximate central position

| N° | CRATER NAME | LOCATION | LATITUDE | LONGITUDE | DIAMETER (km) | Age (Ma)* | EXPOSED | DRILLED |
|----|-----------------------------------|-------------------------------|-----------|-------------|---------------|-----------------|---------|---------|
| 1 | Acraman | South Australia, Australia | S 32° 1' | E 135° 27' | 90 | ~ 590 | Y | N |
| a | <i>Alamo</i> | USA | N 37°30' | W 116°30' | 190 | 367 | - | - |
| 2 | Ames | Oklahoma, U.S.A. | N 36° 15' | W 98° 12' | 16 | 470 ± 30 | N | Y |
| 3 | Amelia Creek | Australia | S 20° 55' | E 134 ° 50' | ~20 | 1640 - 600 | Y | N |
| 4 | Amguid | Algeria | N 26° 5' | E 4° 23' | 0.45 | < 0.1 | Y | N |
| 5 | Aorounga | Chad, Africa | N 19° 6' | E 19° 15' | 12.6 | < 345 | Y | N |
| 6 | Aouelloul | Mauritania | N 20° 15' | W 12° 41' | 0.39 | 3.0 ± 0.3 | Y | N |
| 7 | Araguainha | Brazil | S 16° 47' | W 52° 59' | 40 | 244.40 ± 3.25 | Y | N |
| 8 | Arkenu 1 | Libya | N 22° 4' | E 23° 45' | 6.8 | < 140 | Y | N |
| 9 | Arkenu 2 | Libya | N 22° 4' | E 23° 45' | 10,3 | < 140 | Y | N |
| 10 | Avak | Alaska, U.S.A. | N 71° 15' | W 156° 38' | 12 | March 1995 | N | Y |
| 11 | B.P. Structure | Libya | N 25° 19' | E 24° 20' | 3 | < 120 | Y | N |
| 12 | Barringer (Meteor Crater) | Arizona, U.S.A. | N 35° 2' | W 111° 1' | 1.186 | 0.049 ± 0.003 | Y | Y |
| 13 | Beaverhead | Montana, U.S.A. | N 44° 36' | W 113° 0' | 60 | ~ 600 | Y | N |
| 14 | Beyenchime-Salaatin | Russia, Siberia | N 71° 0' | E 121° 40' | 8 | 40 ± 20 | Y | N |
| 15 | Bigach | Kazakhstan | N 48° 34' | E 82° 1' | 8 | 5 ± 3 | Y | Y |
| 16 | Boltysh | Ukraine | N 48° 45' | E 32° 10' | 24 | 65.17 ± 0.64 | N | Y |
| 17 | Bosumtwi | Ghana | N 6° 30' | W 1° 25' | 10.5 | 1.07 | Y | N |
| 18 | Boxhole | Northern Territory, Australia | S 22° 37' | E 135° 12' | 0.17 | 0.0540 ± 0.0015 | Y | N |
| 19 | Brent | Ontario, Canada | N 46° 5' | W 78° 29' | 3.8 | 396 ± 20* | N | Y |
| 20 | Calvin | Michigan, USA | N 41° 50' | W 85° 57' | 8.5 | 450 ± 10 | N | Y |
| 21 | Campo Del Cielo | Argentina | S 27° 38' | W 61° 42' | 0.05 | < 0.004 | Y | Y |
| 22 | Carswell | Saskatchewan, Canada | N 58° 27' | W 109° 30' | 39 | 115 ± 10 | Y | Y |
| 23 | Charlevoix | Quebec, Canada | N 47° 32' | W 70° 18' | 54 | 342 ± 15* | Y | Y |
| 24 | Chesapeake Bay | Virginia, U.S.A. | N 37° 17' | W 76° 1' | 90 | 35.5 ± 0.3 | N | Y |
| 25 | Chicxulub | Yucatan, Mexico | N 21° 20' | W 89° 30' | 170 | 64.98 ± 0.05 | N | Y |
| b | <i>Chituli</i> | Zambia | S 11° 16' | E 32° 24' | 3.8 | 1800 | - | - |
| 26 | Chiyli | Kazakhstan | N 49° 10' | E 57° 51' | 5.5 | 46 ± 7 | Y | Y |
| 27 | Chukcha | Russia, Siberia | N 75° 42' | E 97° 48' | 6 | < 70 | Y | Y |
| 28 | Clearwater East (Eau Claire, Lac) | Quebec, Canada | N 56° 5' | W 74° 7' | 26 | 290 ± 20 | Y | Y |
| 29 | Clearwater West (idem) | Quebec, Canada | N 56° 13' | W 74° 30' | 36 | 290 ± 20 | Y | Y |
| 30 | Cloud Creek | Wyoming, U.S.A. | N 43° 7' | W 106° 45' | 7 | 190 ± 30 Ma | N | Y |

| N° | CRATER NAME | LOCATION | LATITUDE | LONGITUDE | DIAMETER (km) | Age (Ma)* | EXPOSED | DRILLED |
|----------|---|-------------------------------|--------------------|--------------------|---------------|----------------------|----------|----------|
| c | <i>Conception Bay</i> | <i>Canada</i> | <i>N 47° 32'</i> | <i>W 53° 57'</i> | <i>25 ?</i> | <i>-</i> | <i>-</i> | <i>-</i> |
| 31 | Connolly Basin | Western Australia, Australia | S 23° 32' | E 124° 45' | 9 | < 60 | Y | N |
| 32 | Couture, Lac | Quebec, Canada | N 60° 8' | W 75° 20' | 8 | 430 ± 25 | Y | N |
| 33 | Crawford | Australia | S 34° 43' | E 139° 2' | 8.5 | > 35 | Y | N |
| 34 | Crooked Creek | Missouri, U.S.A. | N 37° 50' | W 91° 23' | 7 | 320 ± 80 | Y | N |
| 35 | Dalgaranga | Western Australia, Australia | S 27° 38' | E 117° 17' | 0.024 | ~ 0.27 | Y | N |
| d | <i>Darwin</i> | <i>Australia</i> | <i>S 42° 18'</i> | <i>E 145° 40'</i> | <i>1</i> | <i>0.73</i> | <i>-</i> | <i>-</i> |
| 36 | Decaturville | Missouri, U.S.A. | N 37° 54' | W 92° 43' | 6 | < 300 | Y | Y |
| 37 | Deep Bay | Saskatchewan, Canada | N 56° 24' | W 102° 59' | 13 | 99 ± 4 | N | Y |
| 38 | Dellen | Sweden | N 61° 48' | E 16° 48' | 19 | 89.0 ± 2.7 | Y | N |
| 39 | Des Plaines | Illinois, U.S.A. | N 42° 3' | W 87° 52' | 8 | < 280 | N | Y |
| 40 | Dobele | Latvia | N 56° 35' | E 23° 15' | 4.5 | 290 ± 35 | N | Y |
| e | <i>Duolun</i> | <i>China</i> | <i>N 42° 3'</i> | <i>E 116° 15'</i> | <i>70</i> | <i>129.0 ± 3.0</i> | <i>-</i> | <i>-</i> |
| 41 | Eagle Butte | Alberta, Canada | N 49° 42' | W 110° 30' | 10 | < 65 | N | Y |
| 42 | Elbow | Saskatchewan, Canada | N 50° 59' | W 106° 43' | 8 | 395 ± 25 | N | Y |
| 43 | El'gygytgyn | Russia, Siberia | N 67° 30' | E 172° 5' | 18 | 3.5 ± 0.5 | Y | N |
| 44 | Flaxman | Australia | S 34° 37' | E 139° 4' | 10 | > 35 | Y | N |
| 45 | Foelsche | Northern Territory, Australia | S 16° 40' | E 136° 47' | 6 | > 545 | Y | N |
| 46 | Flynn Creek | Tennessee, U.S.A. | N 36° 17' | W 85° 40' | 3.8 | 360 ± 20 | Y | Y |
| f | <i>Frombork</i> | <i>Poland</i> | <i>N 54° 20'</i> | <i>E 19° 41'</i> | <i>0.1</i> | <i>-</i> | <i>-</i> | <i>-</i> |
| 47 | Gardnos | Norway | N 60° 39' | E 9° 0' | 5 | 500 ± 10 | Y | N |
| 1 | Gilf Kebir crater field (50 cr.) | Egypt | * N 23° 25' | * E 37° 12' | ≤ 2.5 | young | - | - |
| 48 | Glasford | Illinois, U.S.A. | N 40° 36' | W 89° 47' | 4 | < 430 | N | Y |
| 49 | Glikson | Australia | S 23° 59' | E 121° 34' | ~19 | < 508 | Y | N |
| 50 | Glover Bluff | Wisconsin, U.S.A. | N 43° 58' | W 89° 32' | 8 | < 500 | Y | Y |
| 51 | Goat Paddock | Western Australia, Australia | S 18° 20' | E 126° 40' | 5.1 | < 50 | Y | Y |
| 52 | Gosses Bluff | Northern Territory, Australia | S 23° 49' | E 132° 19' | 22 | 142.5 ± 0.8 | Y | Y |
| 53 | Gow | Saskatchewan, Canada | N 56° 27' | W 104° 29' | 4 | < 250 | Y | N |
| 54 | Goyder | Northern Territory, Australia | S 13° 9' | E 135° 2' | 3 | < 1400 | Y | N |
| 55 | Granby | Sweden | N 58° 25' | E 14° 56' | 3 | ~ 470 | N | Y |
| 56 | Gusev | Russia | N 48° 26' | E 40° 32' | 3 | 49.0 ± 0.2 | N | Y |
| 57 | Gweni-Fada | Chad, Africa | N 17° 25' | E 21° 45' | 14 | < 345 | Y | N |
| 58 | Haughton | Nunavut, Canada | N 75° 22' | W 89° 41' | 23 | 39 | Y | N |
| 59 | Haviland | Kansas, U.S.A. | N 37° 35' | W 99° 10' | 0.015 | < 0.001 | Y | N |
| 60 | Henbury | Northern Territory, Australia | S 24° 34' | E 133° 8' | 0.157 | .0042 ± 0.0019 | Y | N |
| g | <i>Highbury</i> | <i>Zimbabwe</i> | <i>S 17° 4'</i> | <i>E 30° 7'</i> | <i>20</i> | <i>1034.0 ± 13.0</i> | <i>-</i> | <i>-</i> |
| 61 | Holleford | Ontario, Canada | N 44° 28' | W 76° 38' | 2.35 | 550 ± 100 | N | Y |
| h | <i>Hummeln</i> | <i>Sweden</i> | <i>N 57° 13'</i> | <i>E 16° 31'</i> | <i>1.2</i> | <i>~ 470 - 460</i> | <i>-</i> | <i>-</i> |
| 62 | Ile Rouleau | Quebec, Canada | N 50° 41' | W 73° 53' | 4 | < 300 | Y | N |
| 63 | Ilumetsä | Estonia | N 57° 58' | E 27° 25' | 0.08 | > 0.002 | Y | Y |
| 64 | Ilyinets | Ukraine | N 49° 7' | E 29° 6' | 8.5 | 378 ± 5* | N | Y |
| i | <i>Imilac</i> | <i>Chile</i> | <i>S 24° 12'</i> | <i>W 68° 48'</i> | <i>0.008</i> | <i>young</i> | <i>-</i> | <i>-</i> |
| 65 | Iso-Naakkima | Finland | N 62° 11' | E 27° 9' | 3 | > 1000 | N | Y |
| 2 | Iturralde (Araona Crater) | Bolivia (La Paz) | S 12° 30' | W 67° 30' | 8 | 0.020-0.005 | - | - |
| j | <i>Jeptha Knob</i> | <i>USA</i> | <i>N 38° 6'</i> | <i>W 85° 6'</i> | <i>4.8</i> | <i>452</i> | <i>-</i> | <i>-</i> |
| 66 | Jänisjärvi | Russia | N 61° 58' | E 30° 55' | 14 | 700 ± 5 | Y | N |
| 67 | Kaalijärv (Saarema Island) | Estonia | N 58° 24' | E 22° 40' | 0.11 | 0.004 ± 0.001 | Y | N |
| 68 | Kalkkop | South Africa | S 32° 43' | E 24° 34' | 0.64 | < 1.8 | Y | Y |
| 69 | Kaluga | Russia | N 54° 30' | E 36° 12' | 15 | 380 ± 5 | N | Y |
| 70 | Kamensk | Russia | N 48° 21' | E 40° 30' | 25 | 49.0 ± 0.2 | N | Y |
| 71 | Kara | Russia | N 69° 6' | E 64° 9' | 65 | 70.3 ± 2.2 | N | Y |
| 72 | Kara-Kul | Tajikistan | N 39° 1' | E 73° 27' | 52 | < 5 | Y | N |
| 73 | Kärdla | Estonia | N 59° 1' | E 22° 46' | 4 | ~ 455 | N | Y |

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|----------|-------------------------|-------------------------------|------------------|------------------|---------------|---------------------|---------|---------|
| 74 | Karikkoselkä | Finland | N 62° 13' | E 25° 15' | 1.5 | < 1.88 | Y | . |
| 75 | Karla | Russia | N 54° 55' | E 48° 2' | 10 | 5 ± 1 | Y | Y |
| 76 | Kelly West | Northern Territory, Australia | S 19° 56' | E 133° 57' | 10 | > 550 | N | N |
| 77 | Kentland | Indiana, U.S.A. | N 40° 45' | W 87° 24' | 13 | < 97 | Y | Y |
| 78 | Keuruselkä | Finland | N 62° 8' | E 24° 36' | 30 | <1800 | Y | N |
| 79 | Kgagodi | Botswana | S 22° 29' | E 27° 35' | 3.5 | < 180 | Y | Y |
| <i>k</i> | <i>Kunya-Urgench</i> | <i>Turkmenistan</i> | <i>N 42° 15'</i> | <i>E 59° 12'</i> | <i>0.006</i> | <i>20 June 1998</i> | - | - |
| 80 | Kursk | Russia | N 51° 42' | E 36° 0' | 6 | 250 ± 80 | N | Y |
| 81 | La Moinerie, Lac | Quebec, Canada | N 57° 26' | W 66° 37' | 8 | 400 ± 50 | Y | N |
| 82 | Lappajärvi | Finland | N 63° 12' | E 23° 42' | 23 | 73.3 ± 5.3 | Y | Y |
| 83 | Lawn Hill | Queensland, Australia | S 18° 40' | E 138° 39' | 18 | > 515 | Y | N |
| 84 | Liverpool | Northern Territory, Australia | S 12° 24' | E 134° 3' | 1.6 | 150 ± 70 | Y | N |
| 85 | Lockne | Sweden | N 63° 0' | E 14° 49' | 7.5 | 455 | Y | Y |
| 86 | Logancha | Russia, Siberia | N 65° 31' | E 95° 56' | 20 | 40 ± 20 | N | N |
| 87 | Logoisk | Belarus | N 54° 12' | E 27° 48' | 15 | 42.3 ± 1.1 | N | Y |
| 88 | Lonar | India | N 19° 58' | E 76° 31' | 1.83 | 0.052 ± 0.006 | Y | Y |
| 89 | Lumparn | Finland | N 60° 9' | E 20° 6' | 9 | ~ 1000 | N | Y |
| 90 | Macha | Russia, Siberia | N 60° 6' | E 117° 35' | 0.3 | < 0.007 | Y | N |
| 91 | Manicouagan | Quebec, Canada | N 51° 23' | W 68° 42' | 100 | 214 ± 1 | Y | Y |
| 92 | Manson | Iowa, U.S.A. | N 42° 35' | W 94° 33' | 35 | 73.8 ± 0.3 | N | Y |
| 93 | Maple Creek | Saskatchewan, Canada | N 49° 48' | W 109° 6' | 6 | < 75 | N | Y |
| 94 | Marquez | Texas, U.S.A. | N 31° 17' | W 96° 18' | 12.7 | 58 ± 2 | N | Y |
| 95 | Middlesboro | Kentucky, U.S.A. | N 36° 37' | W 83° 44' | 6 | < 300 | Y | Y |
| 96 | Mien | Sweden | N 56° 25' | E 14° 52' | 9 | 121.0 ± 2.3 | Y | Y |
| 97 | Mishina Gora | Russia | N 58° 43' | E 28° 3' | 2.5 | 300 ± 50 | Y | Y |
| <i>l</i> | <i>Lukanga</i> | <i>Zambia</i> | <i>S 14° 24'</i> | <i>E 27° 45'</i> | <i>52</i> | <i>< 450</i> | - | - |
| <i>m</i> | <i>Luizi</i> | <i>Dem. Rep. Congo</i> | <i>S 10° 10'</i> | <i>E 27° 55'</i> | <i>12.6</i> | <i>< 620</i> | - | - |
| 98 | Mistastin | Newfoundland/Labrador, Canada | N 55° 53' | W 63° 18' | 28 | 36.4 ± 4* | Y | N |
| 99 | Mizarai (Misarai) | Lithuania | N 54° 1' | E 23° 54' | 5 | 500 ± 20 | N | Y |
| 100 | Mjølner | Norway | N 73° 48' | E 29° 40' | 40 | 142.0 ± 2.6 | N | Y |
| 101 | Montagnais | Nova Scotia, Canada | N 42° 53' | W 64° 13' | 45 | 50.50 ± 0.76 | N | Y |
| 102 | Monturaqui | Chile | S 23° 56' | W 68° 17' | 0.46 | < 1 | Y | N |
| 103 | Morasko | Poland | N 52° 29' | E 16° 54' | 0.1 | < 0.01 | Y | N |
| 104 | Morokweng | South Africa | S 26° 28' | E 23° 32' | 70 | 145.0 ± 0.8 | N | Y |
| 105 | Mount Toondina | South Australia, Australia | S 27° 57' | E 135° 22' | 4 | < 110 | Y | N |
| 106 | Neugrund | Estonia | N 59° 20' | E 23° 40' | 8 | ~ 470 | N | |
| 107 | New Quebec (Pingualuit) | Quebec, Canada | N 61° 17' | W 73° 40' | 3.44 | 1.4 ± 0.1 | Y | N |
| 108 | Newporte | North Dakota, U.S.A. | N 48° 58' | W 101° 58' | 3.2 | < 500 | N | Y |
| 109 | Nicholson Lake | Northwest Territories, Canada | N 62° 40' | W 102° 41' | 12.5 | < 400 | N | N |
| 110 | Oasis | Libya | N 24° 35' | E 24° 24' | 18 | < 120 | Y | N |
| 111 | Obolon' | Ukraine | N 49° 35' | E 32° 55' | 20 | 169 ± 7 | N | Y |
| 112 | Odessa | Texas, U.S.A. | N 31° 45' | W 102° 29' | 0.168 | < 0.05 | Y | Y |
| 113 | Ouarzkiz | Algeria | N 29° 0' | W 7° 33' | 3.5 | < 70 | Y | N |
| 114 | Paasselkä | Finland | N 62° 2' | E 29° 5' | 10 | < 1800 | Y | Y |
| 115 | Piccaninny | Western Australia, Australia | S 17° 32' | E 128° 25' | 7 | < 360 | Y | N |
| 116 | Pilot | Northwest Territories, Canada | N 60° 17' | W 111° 1' | 6 | 445 ± 2 | Y | N |
| 117 | Popigai | Russia, Siberia | N 71° 39' | E 111° 11' | 100 | 35.7 ± 0.2 | Y | Y |
| 118 | Presqu'île | Quebec, Canada | N 49° 43' | W 74° 48' | 24 | < 500 | Y | N |
| 119 | Puchezh-Katunki | Russia | N 56° 58' | E 43° 43' | 80 | 167 ± 3 | N | Y |
| 120 | Ragozinka | Russia, Siberia | N 58° 44' | E 61° 48' | 9 | 46 ± 3 | N | Y |
| <i>n</i> | <i>Ramgarh</i> | <i>India</i> | <i>N 25° 20'</i> | <i>E 76° 37'</i> | <i>4</i> | - | - | - |
| 121 | Red Wing | North Dakota, U.S.A. | N 47° 36' | W 103° 33' | 9 | 200 ± 25 | N | Y |
| 122 | Riachao Ring | Brazil | S 7° 43' | W 46° 39' | 4.5 | < 200 | Y | N |

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|----------|-------------------------------------|-------------------------------|------------------|-------------------|-----------------|---------------------|---------|---------|
| 123 | Ries (Nördlingen Ries) | Germany | N 48° 53' | E 10° 37' | 24 | 15.1 ± 0.1 | Y | Y |
| 124 | Rio Cuarto | Argentina | S 32° 52' | W 64° 14' | 1 by 4.5 | < 0.1 | Y | N |
| 125 | Rochechouart | France | N 45° 50' | E 0° 56' | 23 | 214 ± 8 | Y | N |
| 126 | Rock Elm | Wisconsin, U.S.A. | N 44° 43' | W 92° 14' | 6 | < 505 | | |
| 127 | Roter Kamm | Namibia | S 27° 46' | E 16° 18' | 2.5 | 3.7 ± 0.3 | Y | N |
| 128 | Rotmistrovka | Ukraine | N 49° 0' | E 32° 0' | 2.7 | 120 ± 10 | N | Y |
| 129 | Sääksjärvi | Finland | N 61° 24' | E 22° 24' | 6 | ~ 560 | Y | Y |
| 130 | Saarijärvi | Finland | N 65° 17' | E 28° 23' | 1.5 | > 600 | | Y |
| 131 | Saint Martin | Manitoba, Canada | N 51° 47' | W 98° 32' | 40 | 220 ± 32 | N | Y |
| 132 | Serpent Mound | Ohio, U.S.A. | N 39° 2' | W 83° 24' | 8 | < 320 | Y | Y |
| 133 | Serra da Cangalha | Brazil | S 8° 5' | W 46° 52' | 12 | < 300 | Y | Y |
| <i>o</i> | <i>Shanghewan</i> | <i>China</i> | <i>N 44° 29'</i> | <i>E 126° 11'</i> | 30 | - | - | - |
| 134 | Shoemaker (formerly Teague) | Western Australia, Australia | S 25° 52' | E 120° 53' | 30 | 1630 ± 5 | Y | N |
| 135 | Shunak | Kazakhstan | N 47° 12' | E 72° 42' | 2.8 | 45 ± 10 | Y | Y |
| 136 | Sierra Madera | Texas, U.S.A. | N 30° 36' | W 102° 55' | 13 | < 100 | Y | Y |
| 137 | Sikhote Alin (Ussuri Fall) | Russia, Siberia | N 46° 7' | E 134° 40' | 0.027 | 0.000055 | Y | N |
| 138 | Siljan | Sweden | N 61° 2' | E 14° 52' | 52 | 376.8 ± 1.7 | Y | Y |
| <i>p</i> | <i>Sinamwenda</i> | <i>Zimbabwe</i> | <i>S 17° 12'</i> | <i>E 27° 47'</i> | 0.22 | < 220 | - | - |
| 139 | Slate Islands | Ontario, Canada | N 48° 40' | W 87° 0' | 30 | ~ 450 | Y | N |
| <i>q</i> | <i>Snelling</i> | <i>Australia</i> | <i>S 19° 24'</i> | <i>E 127° 46'</i> | 0.03 | <i>young</i> | - | - |
| 140 | Sobolev | Russia, Siberia | N 46° 18' | E 137° 52' | 0.053 | < 0.001 | Y | Y |
| 141 | Söderfjärden (Sulva) | Finland | N 63° 2' | E 21° 35' | 6.5 | ~ 600 | N | Y |
| 142 | Spider | Western Australia, Australia | S 16° 44' | E 126° 5' | 13 | > 570 | Y | N |
| 143 | Steen River | Alberta, Canada | N 59° 30' | W 117° 38' | 25 | 91 ± 7* | N | Y |
| 144 | Steinheim | Germany | N 48° 41' | E 10° 4' | 3.8 | 15 ± 1 | Y | Y |
| <i>r</i> | <i>Sterlitamak</i> | <i>Russia</i> | <i>N 53° 40'</i> | <i>E 55° 59'</i> | 0.0094 | 17 May 1990 | - | - |
| 145 | Strangways | Northern Territory, Australia | S 15° 12' | E 133° 35' | 25 | 646 ± 42 | Y | N |
| 146 | Suavjärvi | Russia | N 63° 7' | E 33° 23' | 16 | ~ 2400 | | |
| 147 | Sudbury | Ontario, Canada | N 46° 36' | W 81° 11' | 250 | 1850 ± 3 | Y | Y |
| 148 | Suvasvesi N | Finland | N 62° 42' | E 28° 10' | 4 | < 1000 | N | Y |
| 149 | Tabun-Khara-Obo | Mongolia | | | 1.3 | 150 ± 20 | Y | N |
| <i>s</i> | <i>Takamatsu</i> | <i>Japan</i> | <i>N 34° 26'</i> | <i>E 134° 5'</i> | 4 | 15.3 | - | - |
| 150 | Talemzane | Algeria | N 33° 19' | E 4° 2' | 1.75 | < 3 | N | Y |
| 151 | Tenoumer | Mauritania | N 22° 55' | W 10° 24' | 1.9 | 0.0214 ± 0.0097 | Y | N |
| 152 | Ternovka (Ternovska) | Ukraine | N 48° 08' | E 33° 31' | 11 | 280 ± 10 | N | Y |
| 153 | Tin Bider (Tademaït) | Algeria | N 27° 36' | E 5° 7' | 6 | < 70 | Y | N |
| 154 | Tookoonooka | Queensland, Australia | S 27° 7' | E 142° 50' | 55 | 128 ± 5 | N | Y |
| 155 | Tswaing (formerly Pretoria Saltpan) | South Africa | S 25° 24' | E 28° 5' | 1.13 | 0.220 ± 0.052 | Y | Y |
| <i>t</i> | <i>Tsöörikmäe</i> | <i>Estonia</i> | <i>N 58° 6'</i> | <i>E 27° 30'</i> | 0.04 | 0.0095 | - | - |
| | Tunguska (Khatanga Fall) | Russia, Siberia | N 60° 54' | E 101° 57' | airblast | 30 June 1908 | - | - |
| 156 | Tvären | Sweden | N 58° 46' | E 17° 25' | 2 | ~ 455 | N | Y |
| 157 | Upheaval Dome | Utah, U.S.A. | N 38° 26' | W 109° 54' | 10 | < 170 | Y | Y |
| 158 | Vargeao Dome | Brazil | S 26° 50' | W 52° 7' | 12 | < 70 | Y | N |
| 159 | Veevers | Western Australia, Australia | S 22° 58' | E 125° 22' | 0.08 | < 1 | Y | N |
| 3 | Velingara | Senegal | N 13° 2' | W 14° 8' | 20 | 37-35 | - | - |
| 160 | Vepriai (Vepriaj) | Lithuania | N 55° 5' | E 24° 35' | 8 | > 160 ± 10 | N | Y |
| 161 | Viewfield | Saskatchewan, Canada | N 49° 35' | W 103° 4' | 2.5 | 190 ± 20 | N | Y |
| 162 | Vista Alegre | Brazil | S 25° 57' | W 52° 41' | 9.5 | < 65 | Y | N |
| 163 | Vredefort | South Africa | S 27° 0' | E 27° 30' | 300 | 2023 ± 4 | Y | Y |
| 164 | Wabar | Saudi Arabia | N 21° 30' | E 50° 28' | 0.116 | 0.00014 | Y | N |
| 165 | Wanapitei Lake | Ontario, Canada | N 46° 45' | W 80° 45' | 7.5 | 37.2 ± 1.2 | N | N |
| 166 | Wells Creek | Tennessee, U.S.A. | N 36° 23' | W 87° 40' | 12 | 200 ± 100 | Y | Y |
| 167 | West Hawk | Manitoba, Canada | N 49° 46' | W 95° 11' | 2.44 | 351 ± 20 | N | Y |
| 168 | Wetumpka | Alabama, U.S.A. | N 32° 31' | W 86° 10' | 6.5 | 81.0 ± 1.5 | Y | Y |
| 169 | Wolfe Creek | Western Australia, Australia | S 19° 10' | E 127° 48' | 0.875 | < 0.3 | Y | N |

| N° | CRATER NAME | LOCATION | LATITUDE | LONGITUDE | DIAMETER (km) | Age (Ma)* | EXPOSED | DRILLED |
|----------|-----------------|-------------------|------------------|-------------------|---------------|-----------|---------|---------|
| 170 | Woodleigh | Australia | S 26° 3' | E 114° 39' | 40 | 364 ± 8 | N | Y |
| <i>u</i> | <i>Yallalie</i> | <i>Australia</i> | <i>S 30° 28'</i> | <i>E 115° 47'</i> | 15 | - | - | - |
| 171 | Yarrabubba | Western Australia | S 27° 10' | E 118° 50' | 30.00 | ~ 2000 | Y | N |
| 172 | Zapadnaya | Ukraine | N 49° 44' | E 29° 0' | 3.2 | 165 ± 5 | N | Y |
| 173 | Zeleny Gai | Ukraine | N 48° 4' | E 32° 45' | 3.5 | 80 ± 20 | N | Y |
| 174 | Zhamanshin | Kazakhstan | N 48° 24' | E 60° 58' | 14 | 0.9 ± 0.1 | Y | Y |