



# Preliminary Spreadsheet of Eruption Source Parameters for Volcanoes of the World

By Larry G. Mastin, Marianne Guffanti, John W. Ewert, and Jessica Spiegel

Version 1.2

Open-File Report 2009-1133

U.S. Department of the Interior  
U.S. Geological Survey

**U.S. Department of the Interior**  
KEN SALAZAR, Secretary

**U.S. Geological Survey**  
Suzette M. Kimball, Acting Director

U.S. Geological Survey, Reston, Virginia: 2009

For product and ordering information

:World Wide Web: <http://www.usgs.gov/pubprod>

Telephone: 1-888-ASK-USGS

For more information on the USGS--the Federal source for science about the Earth, its natural and living resources, natural hazards, and the environment:

World Wide Web: <http://www.usgs.gov>

Telephone: 1-888-ASK-USGS

Any use of trade, product, or firm names is for descriptive purposes only and does not imply endorsement by the U.S. Government.

Suggested reference:

Mastin, L.G., Guffanti, M., Ewert, J.E., and Spiegel, J., 2009, Preliminary spreadsheet of eruption source parameters for volcanoes of the world: U.S. Geological Survey Open-File Report 2009-1133, v. 1.2, 25 p.

Available at <http://pubs.usgs.gov/of/2009/1133/>

## Introduction

Volcanic eruptions that spew tephra into the atmosphere pose a hazard to jet aircraft. For this reason, the International Civil Aviation Organization (ICAO) has designated nine Volcanic Ash and Aviation Centers (VAACs) around the world whose purpose is to track ash clouds from eruptions and notify aircraft so that they may avoid these ash clouds. During eruptions, VAACs and their collaborators run volcanic-ash-transport-and-dispersion (VATD) models that forecast the location and movement of ash clouds. These models require as input parameters the plume height  $H$ , the mass-eruption rate  $\dot{M}$ , duration  $D$ , erupted volume  $V$  (in cubic kilometers of bubble-free or “dense rock equivalent” [DRE] magma), and the mass fraction of erupted tephra with a particle size smaller than  $63\ \mu\text{m}$  ( $m_{63}$ ). Some parameters, such as mass-eruption rate and mass fraction of fine debris, are not obtainable by direct observation; others, such as plume height or duration, are obtainable from observations but may be unavailable in the early hours of an eruption when VATD models are being initiated. For this reason, ash-cloud modelers need to have at their disposal source parameters for a particular volcano that are based on its recent eruptive history and represent the most likely anticipated eruption. They also need source parameters that encompass the range of uncertainty in eruption size or characteristics.

In spring of 2007, a workshop was held at the U.S. Geological Survey (USGS) Cascades Volcano Observatory to derive a protocol for assigning eruption source parameters to ash-cloud models during eruptions. The protocol derived from this effort was published by Mastin and others (in press), along with a world map displaying the assigned eruption type for each of the world’s volcanoes. Their report, however, did not include the assigned eruption types in tabular form. Therefore, this Open-File Report presents that table in the form of an Excel spreadsheet. These assignments are preliminary and will be modified to follow upcoming recommendations by the volcanological and aviation communities.

## Assigned Eruption types and Source Parameters

To assign eruption source parameters to the world’s volcanoes, we collected published data from well-documented eruptions and used those data to derive 11 types of volcanic eruptions, as listed in table 1. Associated with each eruption type are values of the eruption source parameters—plume height, eruption rate, erupted volume, duration, and mass fraction of fine tephra. We then assigned one of these eruption types to each of the world’s volcanoes, as described below.

**Table 1. Guidelines used to assign eruption types to the world’s volcanoes.**

[The symbol *H* indicates characteristic plume height of recent historical eruptions. We assume that the most likely future eruption will resemble past recent eruptions. If both plume height and volcanic explosivity index (VEI) are available, the plume height that characterizes most eruptions at this volcano in recent decades is used to assign an eruption type. Otherwise, the VEI that characterizes most of the recent eruptions is used to assign an eruption type. Eruption type S8 (elutriated ash column) is assigned to a volcano only during an eruption on the basis of whether large-scale pyroclastic flows are being produced, not on the basis of historical activity.]

Type	Magma type	Historical eruption characteristics
M0	Basalt or other mafic	Insufficient historical data to characterize
M1		$H \leq 5$ km or $VEI \leq 2$
M2		$H = 5-8$ km or $VEI = 3$
M3		$H > 8$ km or $VEI \geq 4$
S0	Andesite, dacite, rhyolite, or other explosive composition	Insufficient historical data to characterize
S1		$H \leq 6$ km or $VEI \leq 2$
S2		$H = 6-12$ km or $VEI = 3$
S3		$H \geq 12$ km or $VEI \geq 4$
S8		Major pyroclastic flows, with an elutriated column rising primarily above the flows.
S9		Active lava dome is present
U0	All magma types	Submarine vent with a water depth $\geq 50$ m

The assigned eruption type for each volcano is based on its historical behavior (or lack thereof), using the guidelines summarized in Mastin and others (in press) and recapitulated here and in table 2. At volcanoes where the magma type of recent eruptions is known, we assign an eruption type “M” (mafic; for example, basalt or similar low-viscosity magma) or “S” (silicic; for example, andesite, dacite, rhyolite, or other higher-viscosity magma). For a given eruption size as measured by plume height or erupted volume, mafic and silicic eruptions typically display somewhat different durations and grain-size distributions and so are assigned slightly different source parameters in the classification scheme. If the magma type is unknown or inaccessible, we assign it on the basis of the type of volcanic feature in the Smithsonian Institution database (Siebert and Simkin, 2002-9). For example, shield volcanoes, fissure vents, cinder cones, and maars are considered mafic; whereas stratovolcanoes, lava domes, pumice cones, calderas, complex volcanoes, explosion craters, and bimodal volcanic fields are considered silicic. For volcanoes with enough well-described historical eruptions to discern a trend, we assign future eruption type based on plume height of observed eruptions (where available) or on the characteristic eruption size as listed in the Smithsonian Institution database, using the volcanic explosivity index (VEI) of Newhall and Self (1982). For volcanoes that erupted many times in the past century, we give particular weight to eruptions in the past few decades in assigning an eruption type. Volcanoes with no well-described historical activity are assigned default type M0 or S0, and volcanoes whose vents lie more than 50 m below the ocean surface are assigned type U0, which is assumed to produce no eruptive plume.

**Table 2.** Eruption types and source parameters assigned to each eruption type

[The mass eruption rate,  $\dot{M}$ , erupted volume  $V$ , and mass fraction of fine ash  $m_{63}$  for each eruption type are based on mapping and characterization of the tephra-fall deposits at the example eruptions given in column 2. Plume height  $H$  and eruption duration  $D$  are from historical accounts. Types M1, M2, M3, S1, S2, S3, S8, S9, and U0 are assigned to each eruption. Type “M”, or mafic types, include basaltic and ultramafic magmas; type “S”, or silicic types, include andesite, dacite, rhyolite, and others, such as phonolite, that can produce high ash columns. Submarine eruptions that occur beneath at least 50-m water depth are assigned type “U0”.]

Eruption type	Example (Date as M/D/Y)	$H$ , km above vent	$D$ hr	$\dot{M}$ kg/s	$V$ km <sup>3</sup>	$m_{63}$
Mafic, standard (M0)	Cerro Negro, Nicaragua, 4/9-13/1992	7	60	$1 \times 10^5$	0.01	0.05
Small (M1)	Mount Etna, Italy, 7/19-24/2001	2	100	$5 \times 10^3$	0.001	0.02
Medium (M2)	Cerro Negro, Nicaragua, 4/9-13/1992	7	60	$1 \times 10^5$	0.01	0.05
Large (M3)	Fuego, Guatemala, 10/14/1974	10	5	$1 \times 10^6$	0.17	0.1
Silicic, standard (S0)	Mount Spurr, USA, 8/18/1992	11	3	$4 \times 10^6$	0.015	0.4
Small (S1)	Mount Ruapehu, New Zealand, 6/17/1996	5	12	$2 \times 10^5$	0.003	0.1
Medium (S2)	Mount Spurr, USA, 8/18/1992	11	3	$4 \times 10^6$	0.015	0.4
Large (S3)	Mount St. Helens, USA, 5/18/1980	15	8	$1 \times 10^7$	0.15	0.5
Co-ignimbrite cloud (S8)	Mount St. Helens, USA, 5/18/1980 (pre-9 AM)	25	0.5	$1 \times 10^8$	0.05	0.5
Brief (S9)	Soufrière Hills, Montserrat (composite)	10	0.01	$3 \times 10^6$	0.0003	0.6
Submarine (U0)	None	0	--	--	--	

## Format of the Spreadsheet

Columns A through O in [table 3](#) are the original columns in the Smithsonian Institution database. (To save space in the PDF version, columns B through G, J, and O are omitted). Column P is the eruption type, which uses the labels M0, M1, S0, etc. defined in table 1. Volcanoes with historical activity are highlighted in gray.

## Uncertainty in Assigned Eruption Source Parameters

These assignments represent our best assessment of the type and size of future eruptions, but actual eruptions will vary from these predictions. To account for the possible range of values, modelers should consider running multiple scenarios, such as the following:

1. Run forecasts for eruption types M1, M2, and M3 or for eruption types S1, S2, and S3 simultaneously, depending on the volcano's magma type.
2. For type S9 volcanoes, run models S1, S2, S3, and S9.
3. For type U0 volcanoes, run models for eruption types M1 and M2.

As observations are acquired during an eruption, some scenarios can be eliminated, and others refined.

## Future Revisions

The assigned eruption source parameters listed in column P of table 3 are preliminary. Assignments will change as we obtain input from colleagues with expertise in each geographic region, and as volcanic activity unfolds. The version number at the time of writing is given on the title page. The eruption types listed in table 1 may also be modified to incorporate more realistic or robust models, or to consider uncertainty. A workshop at the U.S. Geological Survey's Cascades Volcano Observatory in September 2009 will identify possible improvements to this scheme. Major changes, if they are undertaken, would be described in a new document and spreadsheet by the Eruption Source Parameters Workgroup (headed by the authors of this report). Changes in the assigned eruption type of individual volcanoes would also be made by the workgroup, in consultation with experts on that volcano.

## References Cited

- Mastin, L.G., Guffanti, M., Servranckx, R., Webley, P., Barsotti, S., Dean, K., Denlinger, R., Durant, A., Ewert, J.W., Neri, A., Rose, W.I., Schneider, D., Siebert, L., Stunder, B., Swanson, G., Tupper, A., Volentik, A., and Waythomas, C.F., in press, A multidisciplinary effort to assign realistic source parameters to models of volcanic ash-cloud transport and dispersion during eruptions: *Journal of Volcanology and Geothermal Research*.
- Newhall, C.G., and Self, S., 1982, The volcanic explosivity index (VEI): an estimate of explosive magnitude for historical volcanism: *Journal of Geophysical Research*, v. 87, p. 1231-1238.
- Siebert, L., and Simkin, T., 2002-9, *Volcanoes of the World: an Illustrated Catalog of Holocene Volcanoes and their Eruptions*, Smithsonian Institution, Global Volcanism Program Digital Information Series, GVP-3 [<http://www.volcano.si.edu/world/summary.xls>].

**Table 3.** (following pages). Spreadsheet of volcanoes of the world with eruption type assignments for each volcano.

[Columns are as follows: A, Catalog of Active Volcanoes of the World (CAVW) volcano identification number; E, volcano name; F, country in which the volcano resides; H, volcano latitude; I, position north or south of the equator (N, north, S, south); K, volcano longitude; L, position east or west of the Greenwich Meridian (E, east, W, west); M, volcano elevation in meters above mean sea level; N, volcano type as defined in the Smithsonian database (Siebert and Simkin, 2002-9); P, eruption type for eruption source parameter assignment, as described in this document. An Excel spreadsheet of this table accompanies this document.]

	A	E	F	H	I	K	L	M	N	P
	NUMBER	NAME	LOCATION	LATITUDE	NS	LONGITUDE	EW	ELEV	TYPE	ERUPTION TYPE
1	0100-01-	West Eifel Volc Field	Germany	50.17	N	6.85	E	600	Maars	S0
2	0100-02-	Chaîne des Puys	France	45.775	N	2.97	E	1464	Cinder cones	M0
3	0100-03-	Olot Volc Field	Spain	42.17	N	2.53	E	893	Pyroclastic cones	M0
4	0100-04-	Calatrava Volc Field	Spain	38.87	N	4.02	W	1117	Pyroclastic cones	M0
5	0101-001	Larderello	Italy	43.25	N	10.87	E	500	Explosion craters	S0
6	0101-003	Vulsini	Italy	42.60	N	11.93	E	800	Caldera	S0
7	0101-004	Alban Hills	Italy	41.73	N	12.70	E	949	Caldera	S0
8	0101-01=	Campi Flegrei	Italy	40.827	N	14.139	E	458	Caldera	S0
9	0101-02=	Vesuvius	Italy	40.821	N	14.426	E	1281	Somma volcano	S2
10	0101-03=	Ischia	Italy	40.73	N	13.897	E	789	Complex volcano	S0
11	0101-041	Panarea	Italy	38.63	N	15.07	E	421	Stratovolcano	S0
12	0101-042	Lipari	Italy	38.48	N	14.95	E	602	Stratovolcanoes	S0
13	0101-04=	Stromboli	Italy	38.789	N	15.213	E	924	Stratovolcano	M1
14	0101-05=	Vulcano	Italy	38.404	N	14.962	E	500	Stratovolcanoes	S2
15	0101-06=	Etna	Italy	37.734	N	15.004	E	3330	Stratovolcanoes	M1
16	0101-071	Pantelleria	Italy	36.77	N	12.02	E	836	Shield volcano	S0
17	0101-07=	Campi Flegrei Mar Sicilia	Italy	37.10	N	12.70	E	-8	Submarine volcanoes	M0
18	0102-02=	Methana	Greece	37.615	N	23.336	E	760	Lava domes	S0
19	0102-03=	Milos	Greece	36.699	N	24.439	E	751	Stratovolcanoes	S0
20	0102-04=	Santorini	Greece	36.404	N	25.396	E	367	Shield volcanoes	S1
21	0102-051	Yaili	Greece	36.671	N	27.140	E	180	Lava domes	S0
22	0102-05=	Nisyros	Greece	36.586	N	27.160	E	698	Stratovolcano	S0
23	0103-00-	Kula	Turkey	38.58	N	28.52	E	750	Cinder cones	M0
24	0103-001	Karapinar Field	Turkey	37.67	N	33.65	E	1302	Cinder cones	M0
25	0103-002	Hasan Dagı	Turkey	38.13	N	34.17	E	3253	Stratovolcano	S0
26	0103-003	Göllü Dag	Turkey	38.25	N	34.57	E	2143	Lava dome	S0
27	0103-004	Acigöl-Nevesehir	Turkey	38.57	N	34.52	E	1689	Caldera	S0
28	0103-011	Karaca Dag	Turkey	37.67	N	39.83	E	1957	Shield volcano	M0
29	0103-01=	Erciyes Dagı	Turkey	38.52	N	35.48	E	3916	Stratovolcano	S0
30	0103-021	Süphan Dagı	Turkey	38.92	N	42.82	E	4158	Stratovolcano	S0
31	0103-022	Girekol	Turkey	39.17	N	43.33	E		Unknown	S0
32	0103-02=	Nemrut Dagı	Turkey	38.65	N	42.23	E	2948	Stratovolcano	S0
33	0103-03=	Tendürek Dagı	Turkey	39.37	N	43.87	E	3584	Shield volcano	M0
34	0103-04-	Ararat	Turkey	39.70	N	44.30	E	5165	Stratovolcano	S0
35	0103-05-	Kars Plateau	Turkey	40.75	N	42.90	E	3000	Volcanic field	S0
36	0104-01-	Elbrus	Russia-SW	43.33	N	42.45	E	5633	Stratovolcano	S0
37	0104-02-	Kasbek	Georgia	42.70	N	44.50	E	5050	Stratovolcano	S0
38	0104-03-	Kabargin Oth Group	Georgia	42.55	N	44.00	E	3650	Cinder cones	S0
39	0104-04-	Unnamed	Georgia	42.45	N	44.25	E	3750	Cinder cones	S0
40	0104-05-	Unnamed	Georgia	41.55	N	43.60	E	3400	Lava cones	S0
41	0104-06-	Aragats	Armenia	40.53	N	44.20	E	4095	Stratovolcano	S0
42	0104-07-	Ghegam Ridge	Armenia	40.275	N	44.75	E	3597	Volcanic field	S0
43	0104-08-	Dar-Alages	Armenia	39.70	N	45.542	E	3329	Pyroclastic cones	S0
44	0104-09-	Porak	Armenia	40.02	N	45.78	E	2800	Stratovolcano	S0
45	0104-10-	Tskhouk-Karckar	Armenia	39.73	N	46.02	E	3000	Pyroclastic cones	S0
46	0201-01=	Tair, Jebel at	Red Sea	15.55	N	41.83	E	244	Stratovolcano	M1
47	0201-021	Zukur	Red Sea	14.02	N	42.75	E	624	Shield volcano	M0
48	0201-022	Hanish	Red Sea	13.72	N	42.73	E	422	Shield volcano	M0
49	0201-02=	Zubair, Jebel	Red Sea	15.05	N	42.18	E	191	Shield volcano	M0
50	0201-03=	Jalua	Ethiopia	15.042	N	39.82	E	713	Stratovolcano	M0
51	0201-041	Dallol	Ethiopia	14.242	N	40.30	E	-48	Explosion craters	S0
52	0201-04=	Alid	Ethiopia	14.88	N	39.92	E	904	Stratovolcano	S0
53	0201-05=	Gada Ale	Ethiopia	13.975	N	40.408	E	287	Stratovolcano	M0
54	0201-06=	Alu	Ethiopia	13.825	N	40.508	E	429	Fissure vents	M0
55	0201-071	Borale Ale	Ethiopia	13.725	N	40.60	E	668	Stratovolcano	M0
56	0201-07=	Dalaffilla	Ethiopia	13.792	N	40.55	E	613	Stratovolcano	M0
57	0201-08=	Erta Ale	Ethiopia	13.60	N	40.67	E	613	Shield volcano	M1
58	0201-091	Hayli Gubbi	Ethiopia	13.50	N	40.72	E	521	Shield volcano	M0
59	0201-09=	Ale Bagu	Ethiopia	13.52	N	40.63	E	1031	Stratovolcano	M0
60	0201-101	Nabro	Ethiopia	13.37	N	41.70	E	2218	Stratovolcano	S0
61	0201-102	Mallahle	Ethiopia	13.27	N	41.65	E	1875	Stratovolcano	S0
62	0201-103	Sork Ale	Ethiopia	13.18	N	41.725	E	1611	Stratovolcano	M0
63	0201-104	Asavyo	Ethiopia	13.07	N	41.60	E	1200	Shield volcano	M0
64	0201-105	Mat Ala	Ethiopia	13.10	N	41.15	E	523	Shield volcano	M0
65	0201-106	Tat Ali	Ethiopia	13.28	N	41.07	E	700	Shield volcano	M0
66	0201-107	Borawli	Ethiopia	13.30	N	40.98	E	812	Stratovolcano	M0
67	0201-10=	Dubbi	Ethiopia	13.58	N	41.808	E	1625	Stratovolcano	M0
68	0201-111	Ma Alalta	Ethiopia	13.02	N	40.20	E	1815	Stratovolcano	S0
69	0201-112	Alayta	Ethiopia	12.88	N	40.57	E	1501	Shield volcano	M0
70	0201-113	Dabbahu	Ethiopia	12.60	N	40.48	E	1442	Stratovolcano	S0
71	0201-114	Dabbayra	Ethiopia	12.38	N	40.07	E	1302	Shield volcano	M0
72	0201-115	Manda Hararo	Ethiopia	12.17	N	40.82	E	600	Shield volcanoes	M0
73	0201-116	Gropo	Ethiopia	11.73	N	40.25	E	930	Stratovolcano	S0
74	0201-11=	Afdera	Ethiopia	13.08	N	40.85	E	1295	Stratovolcano	S0
75	0201-121	Borawli	Ethiopia	11.63	N	41.45	E	875	Lava domes	S0
76	0201-122	Manda-Inakir	Ethiopia	12.38	N	42.20	E	600	Fissure vents	M0
77	0201-123	Mousa Ali	Ethiopia	12.47	N	42.40	E	2028	Stratovolcano	S0
78	0201-124	Gufa	Ethiopia	12.55	N	42.53	E	600	Volcanic field	M0
79	0201-125	Assab Volc Field	Ethiopia	12.95	N	42.43	E	987	Volcanic field	M0
80	0201-126	Ardouköba	Djibouti	11.58	N	42.47	E	298	Fissure vents	M0
81	0201-12=	Kurub	Ethiopia	11.88	N	41.208	E	625	Shield volcano	M0
82	0201-141	Dama Ali	Ethiopia	11.28	N	41.63	E	1068	Shield volcano	M0
83	0201-151	Yangudi	Ethiopia	10.58	N	41.042	E	1383	Complex volcano	S0
84	0201-15=	Gabillega	Ethiopia	11.08	N	41.27	E	1459	Stratovolcano	S0
85	0201-16=	Ayelu	Ethiopia	10.082	N	40.702	E	2145	Stratovolcano	S0
86	0201-171	Hertali	Ethiopia	9.78	N	40.33	E	900	Fissure vent	M0
87	0201-172	Liado Hayk	Ethiopia	9.57	N	40.28	E	878	Maars	S0
88	0201-17=	Adwa	Ethiopia	10.070	N	40.840	E	1733	Stratovolcano	S0
89	0201-18=	Dofen	Ethiopia	9.35	N	40.13	E	1151	Stratovolcano	S0
90	0201-191	Beru	Ethiopia	8.95	N	39.75	E	1100	Volcanic field	M0



	A	E	F	H	I	K	L	M	N	P
1	NUMBER	NAME	LOCATION	LATITUDE	NS	LONGITUDE	EW	ELEV	TYPE	ERUPTION TYPE
92	0201-19=	Fentale	Ethiopia	8.975	N	39.93	E	2007	Stratovolcano	S0
93	0201-20=	Kone	Ethiopia	8.80	N	39.692	E	1619	Calderas	S0
94	0201-201	Unnamed	Ethiopia	8.70	N	39.63	E	1300	Pyroclastic cones	M0
95	0201-21=	Boset-Bericha	Ethiopia	8.558	N	39.475	E	2447	Stratovolcanoes	S0
96	0201-22=	Bishoftu Volc Field	Ethiopia	8.78	N	38.98	E	1850	Fissure vents	M0
97	0201-221	Unnamed	Ethiopia	8.62	N	38.95	E	1800	Fissure vents	M0
98	0201-222	Sodore	Ethiopia	8.43	N	39.35	E	1765	Pyroclastic cones	M0
99	0201-23=	Gedamsa Caldera	Ethiopia	8.35	N	39.18	E	1984	Caldera	S0
100	0201-24=	Bora-Bericcio	Ethiopia	8.27	N	39.03	E	2285	Pumice cones	S0
101	0201-25=	Tullu Moje	Ethiopia	8.158	N	39.13	E	2349	Pumice cone	S0
102	0201-251	Unnamed	Ethiopia	8.07	N	39.07	E	1800	Fissure vents	M0
103	0201-252	East Zway	Ethiopia	7.95	N	38.93	E	1889	Fissure vents	M0
104	0201-26=	Butajiri-Silti Field	Ethiopia	8.05	N	38.35	E	2281	Fissure vents	M0
105	0201-27=	Alutu	Ethiopia	7.77	N	38.78	E	2335	Stratovolcano	S0
106	0201-28=	O'a Caldera	Ethiopia	7.47	N	38.58	E	2075	Caldera	S0
107	0201-29=	Corbetti Caldera	Ethiopia	7.18	N	38.43	E	2320	Caldera	S0
108	0201-291	Bilate River Field	Ethiopia	7.07	N	38.10	E	1700	Maars	S0
109	0201-292	Tepi	Ethiopia	7.42	N	35.43	E	2728	Shield volcano	M0
110	0201-293	Hobicha Caldera	Ethiopia	6.78	N	37.83	E	1800	Caldera	M0
111	0201-30=	Chiracha	Ethiopia	6.65	N	38.12	E	1650	Stratovolcano	S0
112	0201-31=	Tosa Sucha	Ethiopia	5.93	N	37.57	E	1650	Cinder cones	M0
113	0201-311	Unnamed	Ethiopia	5.65	N	37.67	E	1200	Cinder cones	M0
114	0201-32=	Korath Range	Ethiopia	5.10	N	35.88	E	912	Tuff cones	M0
115	0201-33=	Mega Basalt Field	Ethiopia	4.08	N	37.42	E	1067	Pyroclastic cones	M0
116	0202-001	North Island	Africa-E	4.07	N	36.05	E	520	Tuff cones	S0
117	0202-01=	Central Island	Africa-E	3.50	N	36.042	E	550	Tuff cones	M0
118	0202-021	Marsabit	Africa-E	2.32	N	37.97	E	1707	Shield volcano	M0
119	0202-02=	South Island	Africa-E	2.63	N	36.60	E	800	Stratovolcano	M0
120	0202-03=	Barrier, The	Africa-E	2.32	N	36.57	E	1032	Shield volcano	S1
121	0202-04=	Namarunu	Africa-E	1.98	N	36.43	E	817	Shield volcano	M0
122	0202-05=	Segebereru Plateau	Africa-E	1.57	N	37.90	E	699	Pyroclastic cones	M0
123	0202-051	Emuruangogolak	Africa-E	1.50	N	36.33	E	1328	Shield volcano	S0
124	0202-052	Silali	Africa-E	1.15	N	36.23	E	1528	Shield volcano	S0
125	0202-053	Paka	Africa-E	0.92	N	36.18	E	1697	Shield volcano	S0
126	0202-054	Korosi	Africa-E	0.77	N	36.12	E	1446	Shield volcano	S0
127	0202-055	Oi Kokwe	Africa-E	0.62	N	36.075	E	1130	Shield volcano	M0
128	0202-056	Nyambeni Hills	Africa-E	0.23	N	37.87	E	750	Shield volcano	M0
129	0202-06=	Menengai	Africa-E	0.20	S	36.07	E	2278	Shield volcano	S0
130	0202-071	Elementeita Badlands	Africa-E	0.52	S	36.27	E	2126	Pyroclastic cones	M0
131	0202-07=	Homa Mountain	Africa-E	0.38	S	34.50	E	1751	Complex volcano	M0
132	0202-08=	Eburru, Oi Doinyo	Africa-E	0.65	S	36.22	E	2856	Complex volcano	S0
133	0202-09=	Olkaria	Africa-E	0.904	S	36.292	E	2434	Pumice cones	S0
134	0202-10=	Longonot	Africa-E	0.914	S	36.446	E	2776	Stratovolcano	S0
135	0202-11=	Suswa	Africa-E	1.175	S	36.35	E	2356	Shield volcano	S0
136	0202-12=	Lengai, Oi Doinyo	Africa-E	2.764	S	35.914	E	2962	Stratovolcano	S2
137	0202-13=	Chyulu Hills	Africa-E	2.68	S	37.88	E	2188	Volcanic field	M0
138	0202-15=	Kilimanjaro	Africa-E	3.07	S	37.35	E	5895	Stratovolcano	S0
139	0202-161	Igwisi Hills	Africa-E	4.87	S	31.92	E		Tuff cones	S0
140	0202-162	Unnamed	Africa-E	8.63	S	33.57	E		Pyroclastic cone	M0
141	0202-163	SW Usangu Basin	Africa-E	8.75	S	33.80	E	2179	Lava domes	S0
142	0202-164	Ngozi	Africa-E	8.97	S	33.57	E	2622	Caldera	S0
143	0202-165	Izumbwe-Mpoli	Africa-E	8.93	S	33.40	E	1568	Pyroclastic cones	S0
144	0202-166	Rungwe	Africa-E	9.13	S	33.67	E	2961	Stratovolcano	S0
145	0202-16=	Meru	Africa-E	3.25	S	36.75	E	4565	Stratovolcano	S0
146	0202-17=	Kieyo	Africa-E	9.23	S	33.78	E	2175	Stratovolcano	S0
147	0203-001	Fort Portal	Africa-C	0.70	N	30.25	E	1615	Tuff cones	M0
148	0203-002	Kyatwa	Africa-C	0.45	N	30.25	E	1430	Tuff cones	S0
149	0203-003	Katwe-Kikorongo	Africa-C	0.08	S	29.92	E	1067	Tuff cones	S0
150	0203-004	Bunyaruguru	Africa-C	0.20	S	30.08	E	1554	Maars	S0
151	0203-005	Katunga	Africa-C	0.471	S	30.191	E	1707	Tuff cone	S0
152	0203-01=	May-ya-moto	Africa-C	0.93	S	29.33	E	950	Fumarole field	S0
153	0203-02=	Nyamuragira	Africa-C	1.408	S	29.20	E	3058	Shield volcano	M1
154	0203-03=	Nyiragongo	Africa-C	1.52	S	29.25	E	3470	Stratovolcano	M1
155	0203-04=	Karisimbi	Africa-C	1.50	S	29.45	E	4507	Stratovolcano	M0
156	0203-05=	Visoke	Africa-C	1.47	S	29.492	E	3711	Stratovolcano	S0
157	0203-06=	Muhavura	Africa-C	1.38	S	29.67	E	4127	Stratovolcano	M0
158	0203-07=	Bufumbira	Africa-C	1.23	S	29.72	E	2440	Cinder cones	M0
159	0203-08=	Tshibinda	Africa-C	2.32	S	28.75	E	1460	Cinder cones	M0
160	0204-001	Sao Tome	Africa-W	0.20	N	6.58	E	2024	Shield volcano	M0
161	0204-002	San Carlos	Africa-W	3.35	N	8.52	E	2260	Shield volcano	M0
162	0204-003	San Joaquin	Africa-W	3.35	N	8.63	E	2009	Shield volcano	M0
163	0204-004	Santa Isabel	Africa-W	3.58	N	8.75	E	3007	Shield volcano	M0
164	0204-011	Tombel Graben	Africa-W	4.75	N	9.67	E	500	Cinder cones	M0
165	0204-01=	Cameroon	Africa-W	4.203	N	9.170	E	4095	Stratovolcano	M1
166	0204-02=	Manengouba	Africa-W	5.03	N	9.83	E	2411	Stratovolcano	M0
167	0204-03=	Oku Volc Field	Africa-W	6.25	N	10.50	E	3011	Stratovolcano	M0
168	0204-04=	Ngaoundere Plateau	Africa-W	7.25	N	13.67	E		Volcanic field	M0
169	0204-05=	Biu Plateau	Africa-W	10.75	N	12.00	E		Volcanic field	M0
170	0205-001	Todra Volc Field	Africa-N	17.68	N	8.50	E	1780	Cinder cones	M0
171	0205-002	Tin Zauatene Volc Field	Africa-N	19.83	N	2.83	E		Volcanic field	M0
172	0205-003	In Ezzane Volc Field	Africa-N	23.00	N	10.83	E		Volcanic field	M0
173	0205-004	Tahalra Volc Field	Africa-N	22.67	N	5.00	E	1467	Pyroclastic cones	M0
174	0205-005	Atakor Volc Field	Africa-N	23.33	N	5.83	E	2918	Scoria cones	M0
175	0205-006	Manzaz Volc Field	Africa-N	23.92	N	5.83	E	1672	Scoria cones	M0
176	0205-007	Haruj	Africa-N	27.25	N	17.50	E	1200	Volcanic field	M0
177	0205-008	Wau-en-Namus	Africa-N	25.05	N	17.55	E	547	Caldera	M0
178	0205-009	Töh, Tarso	Africa-N	21.33	N	16.33	E	2000	Volcanic field	M0
179	0205-01=	Toussidé, Tarso	Africa-N	21.03	N	16.45	E	3265	Stratovolcano	S0
180	0205-021	Koussi, Emi	Africa-N	19.80	N	18.53	E	3415	Pyroclastic shield	S0
181	0205-02=	Voon, Tarso	Africa-N	20.92	N	17.28	E	3100	Stratovolcano	S0

## Volcanoes of the World with ESP, v 1.2.xls

	A	E	F	H	I	K	L	M	N	P
1	NUMBER	NAME	LOCATION	LATITUDE	NS	LONGITUDE	EW	ELEV	TYPE	ERUPTION TYPE
182	0205-03-	Marra, Jebel	Africa-N	12.95	N	24.27	E	3042	Volcanic field	M0
183	0205-04-	Kutum Volc Field	Africa-N	14.57	N	25.85	E		Scoria cones	M0
184	0205-05-	Meidob Volc Field	Africa-N	15.32	N	26.47	E	2000	Scoria cones	M0
185	0205-06-	Bayuda Volc Field	Africa-N	18.33	N	32.75	E	670	Cinder cones	M0
186	0205-07-	Umm Arafieb, Jebel	Africa-N	18.17	N	33.83	E		Shield volcano	M0
187	0300-01-	Sharat Kovakab	Syria	36.53	N	40.85	E	534	Volcanic field	M0
188	0300-02-	Unnamed	Syria	36.67	N	37.00	E		Volcanic field	M0
189	0300-03-	Golan Heights	Syria	33.10	N	35.97	E	1197	Volcanic field	M0
190	0300-04-	Unnamed	Syria	33.00	N	36.43	E	945	Volcanic field	M0
191	0300-05-	Es Safa	Syria	33.25	N	37.07	E	979	Volcanic field	M0
192	0300-06-	Druze, Jabal ad	Syria	32.658	N	36.425	E	1803	Volcanic field	M0
193	0301-001	Harrah, Al	Arabia-W	31.08	N	38.42	E	1100	Volcanic field	M0
194	0301-01=	Rahah, Harrat ar	Arabia-W	27.80	N	36.17	E	1950	Volcanic field	M0
195	0301-02=	'Uwayrid, Harrat	Arabia-W	27.08	N	37.25	E	1920	Volcanic field	M0
196	0301-04-	Lunayyir, Harrat	Arabia-W	25.17	N	37.75	E	1370	Volcanic field	M0
197	0301-05=	Ithnayn, Harrat	Arabia-W	26.58	N	40.20	E	1625	Volcanic field	M0
198	0301-06=	Khaybar, Harrat	Arabia-W	25.00	N	39.92	E	2093	Volcanic field	M0
199	0301-071	Kishb, Harrat	Arabia-W	22.80	N	41.38	E	1475	Volcanic field	M0
200	0301-072	Birk, Harrat al	Arabia-W	18.37	N	41.63	E	381	Volcanic field	M0
201	0301-07=	Rahat, Harrat	Arabia-W	23.08	N	39.78	E	1744	Volcanic field	M0
202	0301-08-	Yar, Jabal	Arabia-W	17.05	N	42.83	E	305	Volcanic field	M0
203	0301-09-	Arhab, Harra of	Arabia-S	15.63	N	44.08	E	3100	Volcanic field	M0
204	0301-10-	Marha, Jabal el-	Arabia-S	15.245	N	44.236	E	2506	Tuff cone	M0
205	0301-11-	Haylan, Jabal	Arabia-S	15.43	N	44.78	E	1550	Volcanic field	M0
206	0301-12-	Dhamar, Harras of	Arabia-S	14.57	N	44.67	E	3500	Volcanic field	M0
207	0301-15-	Unnamed	Arabia-S	12.25	N	45.00	E		Submarine volcano	U0
208	0301-16-	Sawad, Harra es-	Arabia-S	13.58	N	46.12	E	1737	Volcanic field	M0
209	0301-17-	Bal Haf, Harra of	Arabia-S	14.05	N	48.33	E	233	Volcanic field	M0
210	0301-18-	Bir Borhut	Arabia-S	15.55	N	50.63	E		Volcanic field	M0
211	0302-00-	Unnamed	Iran	39.33	N	45.17	E		Volcanic field	S0
212	0302-001	Sahand	Iran	37.75	N	46.43	E	3707	Stratovolcano	S0
213	0302-002	Sabalan	Iran	38.25	N	47.92	E	4811	Stratovolcano	S0
214	0302-01-	Damavand	Iran	35.951	N	52.109	E	5670	Stratovolcano	S0
215	0302-02-	Qal'eh Hasan Ali	Iran	29.40	N	57.57	E		Maars	M0
216	0302-03-	Bazman	Iran	28.07	N	60.00	E	3490	Stratovolcano	S0
217	0302-04-	Unnamed	Iran	28.17	N	60.67	E		Volcanic field	M0
218	0302-05-	Taftan	Iran	28.60	N	61.13	E	3940	Stratovolcano	S0
219	0302-06-	Dacht-i-Navar Group	Afghanistan	33.95	N	67.92	E	3800	Lava domes	S0
220	0302-07-	Vakak Group	Afghanistan	34.25	N	67.97	E	3190	Volcanic field	S0
221	0303-001	Grille, La	Indian O.-W	11.47	S	43.33	E	1087	Shield volcano	M0
222	0303-011	Ambre-Bobaomby	Madagascar	12.60	S	49.15	E	1475	Volcanic field	M0
223	0303-012	Nosy-Be	Madagascar	13.32	S	48.48	E	214	Cinder cones	S0
224	0303-013	Ankaizina Field	Madagascar	14.30	S	48.67	E	2878	Cinder cones	M0
225	0303-014	Itasy Volc Field	Madagascar	19.00	S	46.77	E	1800	Scoria cones	S0
226	0303-015	Ankaratra Field	Madagascar	19.40	S	47.20	E	2644	Cinder cones	S0
227	0303-01=	Karthala	Indian O.-W	11.75	S	43.38	E	2361	Shield volcano	M1
228	0303-02=	Fournaise, Piton de la	Indian O.-W	21.231	S	55.713	E	2632	Shield volcano	M1
229	0304-00-	Boomerang Seamount	Indian O.-S	37.721	S	77.825	E	-650	Submarine volcano	U0
230	0304-001	Amsterdam Island	Indian O.-S	37.83	S	77.52	E	881	Stratovolcano	M0
231	0304-002	St. Paul	Indian O.-S	38.72	S	77.53	E	268	Stratovolcano	M0
232	0304-011	McDonald Islands	Indian O.-S	53.03	S	72.60	E	230	Complex volcano	S1
233	0304-01=	Heard	Indian O.-S	53.106	S	73.513	E	2745	Stratovolcano	M1
234	0304-02=	Kerguelen Islands	Indian O.-S	49.58	S	69.50	E	1840	Stratovolcanoes	S0
235	0304-03-	Est, Ile de l'	Indian O.-S	46.43	S	52.20	E	1090	Stratovolcano	M0
236	0304-04-	Possession, Ile de la	Indian O.-S	46.42	S	51.75	E	934	Stratovolcano	M0
237	0304-05-	Cochons, Ile aux	Indian O.-S	46.10	S	50.23	E	775	Stratovolcano	M0
238	0304-06-	Prince Edward Island	Indian O.	46.63	S	37.95	E	672	Shield volcano	M0
239	0304-07-	Marion Island	Indian O.-S	46.90	S	37.75	E	1230	Shield volcanoes	M1
240	0305-01=	Unnamed	Indian O.-E	11.75	N	80.75	E		Submarine volcano ?	U0
241	0401-011	Whangarei	New Zealand	35.75	S	174.27	E	397	Cinder cones	M0
242	0401-01=	Kaikohe-Bay of Islands	New Zealand	35.30	S	173.90	E	388	Volcanic field	M0
243	0401-021	Mayor Island	New Zealand	37.28	S	176.25	E	355	Shield volcano	S0
244	0401-02=	Auckland Field	New Zealand	36.90	S	174.87	E	260	Volcanic field	M0
245	0401-03=	Taranaki [Egmont]	New Zealand	39.30	S	174.07	E	2518	Stratovolcano	S0
246	0401-04=	White Island	New Zealand	37.52	S	177.18	E	321	Stratovolcanoes	S1
247	0401-05=	Okataina	New Zealand	38.12	S	176.50	E	1111	Lava domes	S0
248	0401-06-	Reporoa	New Zealand	38.42	S	176.33	E	592	Caldera	S0
249	0401-061	Maroa	New Zealand	38.42	S	176.08	E	1156	Calderas	S0
250	0401-07=	Taupo	New Zealand	38.82	S	176.00	E	760	Caldera	S0
251	0401-08=	Tongariro	New Zealand	39.13	S	175.642	E	1978	Stratovolcanoes	S1
252	0401-101	Clark	New Zealand	36.446	S	177.839	E	-860	Submarine volcano	U0
253	0401-102	Tangaroa	New Zealand	36.321	S	178.028	E	600	Submarine volcano	U0
254	0401-10=	Ruapehu	New Zealand	39.28	S	175.57	E	2797	Stratovolcano	S1
255	0401-11-	Rumble V	New Zealand	36.142	S	178.196	E	400	Submarine volcano	U0
256	0401-12-	Rumble IV	New Zealand	36.13	S	178.05	E	500	Submarine volcano	U0
257	0401-13-	Rumble III	New Zealand	35.745	S	178.478	E	-220	Submarine volcano	U0
258	0401-131	Rumble II West	New Zealand	35.353	S	178.527	E	1200	Submarine volcano	U0
259	0401-14-	Healy	New Zealand	35.004	S	178.973	E	980	Submarine volcano	U0
260	0401-15-	Brothers	New Zealand	34.875	S	179.075	E	-1350	Submarine volcano	U0
261	0402-001	Volcano W	Kermadec Is	31.85	S	179.18	W	-900	Submarine volcanoes	U0
262	0402-01=	Curtis Island	Kermadec Is	30.542	S	178.561	W	137	Submarine volcano	S0
263	0402-021	Macauley Island	Kermadec Is	30.20	S	178.47	W	238	Caldera	M0
264	0402-022	Giggenbach	Kermadec Is	30.036	S	178.712	W	-65	Submarine volcano	U0
265	0402-03=	Raouf Island	Kermadec Is	29.27	S	177.92	W	516	Stratovolcano	S0
266	0402-05-	Monowai Seamount	Kermadec Is	25.887	S	177.188	W	-132	Submarine volcano	U0
267	0403-001	Unnamed	Tonga-SW Pacific	24.80	S	177.02	W	-385	Submarine volcano	U0
268	0403-011	Unnamed	Tonga-SW Pacific	21.15	S	175.75	W	-65	Submarine volcano	U0
269	0403-01=	Unnamed	Tonga-SW Pacific	21.38	S	175.65	W	-500	Submarine volcano	U0
270	0403-03=	Unnamed	Tonga-SW Pacific	20.85	S	175.53	W	-13	Submarine volcano	S0
271	0403-04=	Hunga Tonga-Hunga Ha'apai	Tonga-SW Pacific	20.57	S	175.38	W	149	Submarine volcano	S0

Volcanoes of the World with ESP, v 1.2.xls

1	A	E	F	H	I	K	L	M	N	P
	NUMBER	NAME	LOCATION	LATITUDE	NS	LONGITUDE	EW	ELEV	TYPE	ERUPTION TYPE
272	0403-05=	Falcon Island	Tonga-SW Pacific	20.32	S	175.42	W	-17	Submarine volcano	S0
273	0403-061	Kao	Tonga-SW Pacific	19.67	S	175.03	W	1030	Stratovolcano	S0
274	0403-06=	Tofua	Tonga-SW Pacific	19.75	S	175.07	W	515	Caldera	S0
275	0403-07=	Metis Shoal	Tonga-SW Pacific	19.18	S	174.87	W	43	Submarine volcano	S0
276	0403-08=	Home Reef	Tonga-SW Pacific	18.992	S	174.775	W	-2	Submarine volcano	S0
277	0403-091	Unnamed	Tonga-SW Pacific	18.325	S	174.365	W	-40	Submarine volcano	S0
278	0403-09=	Late	Tonga-SW Pacific	18.806	S	174.65	W	540	Stratovolcano	S0
279	0403-101	Tafahi	Tonga-SW Pacific	15.85	S	173.72	W	560	Stratovolcano	S0
280	0403-102	Curacao	Tonga-SW Pacific	15.62	S	173.67	W	-33	Submarine volcano	S0
281	0403-10=	Fonualei	Tonga-SW Pacific	18.02	S	174.325	W	180	Stratovolcano	S0
282	0403-11=	Niuafou	Tonga-SW Pacific	15.60	S	175.63	W	260	Shield volcano	M0
283	0404-00=	Vailulu'u	Samoa-SW Pacific	14.215	S	169.058	W	-592	Submarine volcano	U0
284	0404-001	Ta'u	Samoa-SW Pacific	14.23	S	169.454	W	931	Shield volcano	M0
285	0404-01=	Ofu-Olosega	Samoa-SW Pacific	14.175	S	169.618	W	639	Shield volcanoes	M0
286	0404-02=	Tutuila	Samoa-SW Pacific	14.295	S	170.70	W	653	Tuff cones	M0
287	0404-03=	Upolu	Samoa-SW Pacific	13.935	S	171.72	W	1100	Shield volcano	M0
288	0404-04=	Savai'i	Samoa-SW Pacific	13.612	S	172.525	W	1858	Shield volcano	M0
289	0404-05=	Wallis Islands	SW Pacific	13.30	S	176.17	W	143	Shield volcanoes	M0
290	0405-01=	Taveuni	Fiji Is-SW Pacific	16.82	S	179.97	W	1241	Shield volcano	M0
291	0405-02=	Koro	Fiji Is-SW Pacific	17.32	S	179.40	E	522	Cinder cones	M0
292	0405-03=	Nabukelevu	Fiji Is-SW Pacific	19.12	S	177.98	E	805	Lava domes	S0
293	0500-01=	St. Andrew Strait	Admiralty Is-SW Pacific	2.38	S	147.35	E	270	Complex volcano	S0
294	0500-02=	Baluani	Admiralty Is-SW Pacific	2.57	S	147.28	E	254	Stratovolcano	M0
295	0500-03=	Unnamed	Admiralty Is-SW Pacific	3.03	S	147.78	E	-1300	Submarine volcano	U0
296	0501-001	Blup Blup	New Guinea-NE of	3.507	S	144.605	E	402	Stratovolcano	S0
297	0501-002	Kadovar	New Guinea-NE of	3.630	S	144.631	E	365	Stratovolcano	S0
298	0501-011	Boisa	New Guinea-NE of	3.994	S	144.963	E	240	Stratovolcano	M0
299	0501-01=	Bani	New Guinea-NE of	3.613	S	144.818	E	685	Stratovolcano	S2
300	0501-02=	Manam	New Guinea-NE of	4.080	S	145.037	E	1807	Stratovolcano	M1
301	0501-03=	Karkar	New Guinea-NE of	4.649	S	145.964	E	1839	Stratovolcano	S1
302	0501-041	Yomba	New Guinea-NE of	4.90	S	146.75	E		Submarine volcano ?	U0
303	0501-04=	Unnamed	New Guinea-NE of	4.311	S	146.256	E	-2000	Submarine volcano ?	U0
304	0501-05=	Long Island	New Guinea-NE of	5.358	S	147.12	E	1280	Complex volcano	S1
305	0501-06=	Umboi	New Guinea-NE of	5.589	S	147.875	E	1548	Complex volcano	M0
306	0501-07=	Ritter Island	New Guinea-NE of	5.52	S	148.121	E	140	Stratovolcano	M1
307	0501-08=	Sakar	New Guinea-NE of	5.414	S	148.094	E	992	Stratovolcano	M0
308	0502-001	Unnamed	New Britain-SW Pac	5.20	S	148.57	E		Submarine volcano ?	U0
309	0502-01=	Langila	New Britain-SW Pac	5.525	S	148.42	E	1330	Complex volcano	M1
310	0502-021	Mundua	New Britain-SW Pac	4.63	S	149.35	E	179	Complex volcano	M0
311	0502-03=	Garove	New Britain-SW Pac	4.692	S	149.50	E	368	Stratovolcano	S0
312	0502-04=	Dakataua	New Britain-SW Pac	5.056	S	150.108	E	400	Caldera	S0
313	0502-05=	Bola	New Britain-SW Pac	5.15	S	150.03	E	1155	Stratovolcano	S0
314	0502-06=	Garua Harbour	New Britain-SW Pac	5.30	S	150.07	E	565	Volcanic field	S0
315	0502-071	Lolo	New Britain-SW Pac	5.468	S	150.507	E	805	Stratovolcano	S0
316	0502-07=	Garbuna Group	New Britain-SW Pac	5.45	S	150.03	E	564	Stratovolcanoes	S0
317	0502-08=	Pago	New Britain-SW Pac	5.58	S	150.52	E	742	Caldera	S1
318	0502-09=	Sulu Range	New Britain-SW Pac	5.50	S	150.942	E	610	Stratovolcanoes	S0
319	0502-10=	Hargy	New Britain-SW Pac	5.33	S	151.10	E	1148	Stratovolcano	S0
320	0502-11=	Bamus	New Britain-SW Pac	5.20	S	151.23	E	2248	Stratovolcano	S0
321	0502-12=	Ulawun	New Britain-SW Pac	5.05	S	151.33	E	2334	Stratovolcano	S2
322	0502-131	Unnamed	New Britain-SW Pac	4.75	S	150.85	E		Submarine volcano ?	U0
323	0502-13=	Lolobau	New Britain-SW Pac	4.92	S	151.158	E	858	Caldera	M3
324	0502-14=	Rabaul	New Britain-SW Pac	4.271	S	152.203	E	688	Pyroclastic shield	S1
325	0502-15=	Tavui	New Britain-SW Pac	4.12	S	152.20	E	200	Caldera	S0
326	0503-00=	Doma Peaks	New Guinea	5.90	S	143.15	E	3568	Stratovolcano	S0
327	0503-001	Crater Mountain	New Guinea	6.58	S	145.08	E	3233	Stratovolcano	M0
328	0503-002	Yelia	New Guinea	7.05	S	145.858	E	3384	Stratovolcano	S0
329	0503-003	Koranga	New Guinea	7.33	S	146.708	E	1500	Maar	S0
330	0503-004	Madilogo	New Guinea	9.20	S	147.57	E	850	Pyroclastic cone	M0
331	0503-011	Hydrographers Range	New Guinea	9.00	S	148.37	E	1915	Stratovolcano	S0
332	0503-01=	Lamington	New Guinea	8.95	S	148.15	E	1680	Stratovolcano	S2
333	0503-021	Managlase Plateau	New Guinea	9.08	S	148.33	E	1342	Volcanic field	M0
334	0503-02=	Musa River	New Guinea	9.308	S	148.13	E	808	Hydrothermal field	S0
335	0503-031	Sessagara	New Guinea	9.48	S	149.13	E	370	Pyroclastic cones	S0
336	0503-03=	Victory	New Guinea	9.20	S	149.07	E	1925	Stratovolcano	S1
337	0503-041	Goodenough	D'Entrecasteaux Is	9.48	S	150.35	E	220	Volcanic field	S0
338	0503-04=	Waiowa	New Guinea	9.57	S	149.075	E	640	Pyroclastic cone	S2
339	0503-05=	Iamalele	D'Entrecasteaux Is	9.52	S	150.53	E	200	Lava domes	S0
340	0503-06=	Dawson Strait Group	D'Entrecasteaux Is	9.62	S	150.88	E	500	Volcanic field	S0
341	0504-01=	Lihir	New Ireland-SW Pacific	3.125	S	152.642	E	700	Volcanic complex	M0
342	0504-02=	Ambitle	New Ireland-SW Pacific	4.08	S	153.65	E	450	Stratovolcano	S0
343	0505-00=	Tore	Bougainville-SW Pacific	5.83	S	154.93	E	2200	Lava cone	S0
344	0505-011	Billy Mitchell	Bougainville-SW Pacific	6.092	S	155.225	E	1544	Pyroclastic shield	S0
345	0505-01=	Balbi	Bougainville-SW Pacific	5.92	S	154.98	E	2715	Stratovolcano	S0
346	0505-021	Takuan Group	Bougainville-SW Pacific	6.442	S	155.608	E	2210	Volcanic complex	S0
347	0505-02=	Bagana	Bougainville-SW Pacific	6.140	S	155.195	E	1750	Lava cone	S1
348	0505-03=	Loloru	Bougainville-SW Pacific	6.52	S	155.62	E	1887	Pyroclastic shield	S0
349	0505-052	Kana Keoki	Solomon Is-SW Pacific	8.75	S	157.03	E	-700	Submarine volcano	U0
350	0505-053	Coleman Seamount	Solomon Is-SW Pacific	8.83	S	157.17	E		Submarine volcano	U0
351	0505-05=	Simbo	Solomon Is-SW Pacific	8.292	S	156.52	E	335	Stratovolcanoes	S0
352	0505-061	Unnamed	Solomon Is-SW Pacific	8.92	S	158.03	E	-240	Submarine volcanoes	U0
353	0505-062	Gallego	Solomon Is-SW Pacific	9.35	S	159.73	E	1000	Volcanic field	S0
354	0505-06=	Kavachi	Solomon Is-SW Pacific	9.02	S	157.95	E	-20	Submarine volcano	M1
355	0505-07=	Savo	Solomon Is-SW Pacific	9.13	S	159.82	E	485	Stratovolcano	S2
356	0506-01=	Tinakula	Santa Cruz Is-SW Pacific	10.38	S	165.80	E	851	Stratovolcano	S1
357	0507-001	Motlav	Vanuatu-SW Pacific	13.67	S	167.67	E	411	Stratovolcano	M0
358	0507-01=	Suretamatari	Vanuatu-SW Pacific	13.80	S	167.47	E	921	Complex volcano	S0
359	0507-021	Mere Lava	Vanuatu-SW Pacific	14.45	S	168.05	E	1028	Stratovolcano	M0
360	0507-02=	Gaua	Vanuatu-SW Pacific	14.27	S	167.50	E	797	Stratovolcano	S1
361	0507-03=	Aoba	Vanuatu-SW Pacific	15.40	S	167.83	E	1496	Shield volcano	M0

1	A	E	F	H	I	K	L	M	N	P
NUMBER	NAME	LOCATION	LATITUDE	NS	LONGITUDE	EW	ELEV	TYPE	ERUPTION TYPE	
362	0507-04=	Ambrym	Vanuatu-SW Pacific	16.25	S	168.12	E	1334	Pyroclastic shield	M1
363	0507-05=	Lopevi	Vanuatu-SW Pacific	16.507	S	168.346	E	1413	Stratovolcano	M2
364	0507-06=	Epi	Vanuatu-SW Pacific	16.68	S	168.37	E	833	Stratovolcanoes	M0
365	0507-07=	Kuwae	Vanuatu-SW Pacific	16.829	S	168.536	E	-2	Caldera	M0
366	0507-08=	Unnamed	Vanuatu-SW Pacific	16.992	S	168.592	E	216	Stratovolcanoes	M0
367	0507-081	North Vate	Vanuatu-SW Pacific	17.47	S	168.353	E	594	Stratovolcanoes	M0
368	0507-09=	Traitor's Head	Vanuatu-SW Pacific	18.75	S	169.23	E	837	Stratovolcano	M0
369	0507-10=	Yasur	Vanuatu-SW Pacific	19.53	S	169.442	E	361	Stratovolcano	M1
370	0507-11=	Aneityum	Vanuatu-SW Pacific	20.20	S	169.78	E	852	Stratovolcanoes	M0
371	0508-001	Eastern Gemini Seamount	SW Pacific	20.98	S	170.28	E	-80	Submarine volcano	U0
372	0508-01=	Matthew Island	SW Pacific	22.33	S	171.32	E	177	Stratovolcano	S0
373	0508-02=	Hunter Island	SW Pacific	22.40	S	172.05	E	297	Stratovolcano	S0
374	0508-03=	Unnamed	SW Pacific	25.78	S	168.63	E	-2400	Submarine volcano	U0
375	0509-01=	Newer Volcanics Prov	Australia	37.77	S	142.50	E	1011	Shield volcanoes	M0
376	0600-001	Narcondum	Andaman Is-Indian O	13.43	N	94.28	E	710	Stratovolcano	S0
377	0600-01=	Barren Island	Andaman Is-Indian O	12.278	N	93.858	E	354	Stratovolcano	S2
378	0601-02=	Seulawah Agam	Sumatra	5.448	N	95.658	E	1810	Stratovolcano	S0
379	0601-03=	Peuet Sague	Sumatra	4.914	N	96.329	E	2801	Complex volcano	S1
380	0601-05=	Telong, Bur ni	Sumatra	4.769	N	96.821	E	2617	Stratovolcano	S1
381	0601-07=	Sibayak	Sumatra	3.23	N	98.52	E	2212	Stratovolcanoes	S0
382	0601-08=	Sinabung	Sumatra	3.17	N	98.392	E	2460	Stratovolcano	S0
383	0601-09=	Toba	Sumatra	2.58	N	98.83	E	2157	Caldera	S0
384	0601-101	Imun	Sumatra	2.158	N	98.93	E	1505	Unknown	S0
385	0601-111	Lubukraya	Sumatra	1.478	N	99.209	E	1862	Stratovolcano	S0
386	0601-11=	Sibualbuali	Sumatra	1.556	N	99.255	E	1819	Stratovolcano	S0
387	0601-12=	Sorikmarapi	Sumatra	0.686	N	99.539	E	2145	Stratovolcano	S1
388	0601-131	Sarik-Gajah	Sumatra	0.08	N	100.20	E		Pyroclastic cones	S0
389	0601-13=	Talakmau	Sumatra	0.079	N	99.98	E	2919	Complex volcano	S0
390	0601-14=	Marapi	Sumatra	0.381	S	100.473	E	2891	Complex volcano	S1
391	0601-15=	Tandikat	Sumatra	0.433	S	100.317	E	2438	Stratovolcanoes	S1
392	0601-16=	Talang	Sumatra	0.978	S	100.679	E	2597	Stratovolcano	S1
393	0601-171	Kunyat	Sumatra	2.274	S	101.483	E	2151	Stratovolcano	S0
394	0601-172	Hutapanjang	Sumatra	2.33	S	101.60	E	2021	Stratovolcano	S0
395	0601-17=	Kerinci	Sumatra	1.697	S	101.264	E	3800	Stratovolcano	S1
396	0601-18=	Sumbing	Sumatra	2.414	S	101.728	E	2507	Stratovolcano	S1
397	0601-191	Pendan	Sumatra	2.82	S	102.02	E		Unknown	S0
398	0601-20=	Belirang-Beriti	Sumatra	2.82	S	102.18	E	1958	Compound volcano	M0
399	0601-21=	Dau, Bukit	Sumatra	3.38	S	102.37	E	2467	Stratovolcanoes	M0
400	0601-22=	Kaba	Sumatra	3.52	S	102.62	E	1952	Stratovolcano	S1
401	0601-231	Patah	Sumatra	4.27	S	103.30	E	2817	Unknown	S0
402	0601-23=	Dempo	Sumatra	4.03	S	103.13	E	3173	Stratovolcanoes	S1
403	0601-24=	Lumut Balai, Bukit	Sumatra	4.22	S	103.62	E	2055	Stratovolcano ?	S0
404	0601-251	Ranau	Sumatra	4.83	S	103.92	E	1881	Caldera	S0
405	0601-25=	Besar	Sumatra	4.43	S	103.67	E	1899	Stratovolcano ?	S0
406	0601-26=	Sekincau Belirang	Sumatra	5.12	S	104.32	E	1719	Calderas	S0
407	0601-27=	Suoh	Sumatra	5.25	S	104.27	E	1000	Calderas	S0
408	0601-28=	Hulubelu	Sumatra	5.35	S	104.60	E	1040	Caldera	S0
409	0601-29=	Rajabasa	Sumatra	5.78	S	105.625	E	1281	Stratovolcano	S0
410	0602-00=	Krakatau	Indonesia	6.102	S	105.423	E	813	Caldera	S1
411	0603-01=	Pulosari	Java	6.342	S	105.975	E	1346	Stratovolcano	S0
412	0603-02=	Karang	Java	6.27	S	106.042	E	1778	Stratovolcano	S0
413	0603-04=	Perbakti-Gagak	Java	6.75	S	106.70	E	1699	Stratovolcanoes	S0
414	0603-05=	Salak	Java	6.72	S	106.73	E	2211	Stratovolcano	S1
415	0603-06=	Gede	Java	6.78	S	106.98	E	2958	Stratovolcano	S2
416	0603-07=	Patuha	Java	7.160	S	107.40	E	2434	Stratovolcano	S0
417	0603-081	Malabar	Java	7.13	S	107.65	E	2343	Stratovolcano	S0
418	0603-08=	Wayang-Windu	Java	7.208	S	107.63	E	2182	Lava dome	S0
419	0603-09=	Tangkubanparahu	Java	6.77	S	107.60	E	2084	Stratovolcano	S1
420	0603-10=	Papandayan	Java	7.32	S	107.73	E	2665	Stratovolcanoes	S1
421	0603-11=	Kendang	Java	7.23	S	107.72	E	2608	Stratovolcano	S0
422	0603-131	Tampomas	Java	6.77	S	107.95	E	1684	Stratovolcano	S0
423	0603-13=	Guntur	Java	7.143	S	107.840	E	2249	Complex volcano	S1
424	0603-14=	Galunggung	Java	7.25	S	108.058	E	2168	Stratovolcano	M2
425	0603-15=	Talagabodas	Java	7.208	S	108.07	E	2201	Stratovolcano	M0
426	0603-16=	Karah, Kawah	Java	7.12	S	108.08	E	1155	Fumarole field	S0
427	0603-17=	Cereme	Java	6.892	S	108.40	E	3078	Stratovolcano	S1
428	0603-18=	Slamet	Java	7.242	S	109.208	E	3428	Stratovolcano	M1
429	0603-20=	Dieng Volc Complex	Java	7.20	S	109.92	E	2565	Complex volcano	S1
430	0603-21=	Sundoro	Java	7.30	S	109.992	E	3136	Stratovolcano	S1
431	0603-22=	Sumbing	Java	7.384	S	110.070	E	3371	Stratovolcano	S0
432	0603-231	Telomoyo	Java	7.37	S	110.40	E	1894	Stratovolcano	S0
433	0603-23=	Ungaran	Java	7.18	S	110.33	E	2050	Stratovolcano	S0
434	0603-24=	Merbabu	Java	7.45	S	110.43	E	3145	Stratovolcano	M1
435	0603-251	Muria	Java	6.62	S	110.88	E	1625	Stratovolcano	M0
436	0603-25=	Merapi	Java	7.542	S	110.442	E	2968	Stratovolcano	S9
437	0603-26=	Lawu	Java	7.625	S	111.192	E	3265	Stratovolcano	S1
438	0603-27=	Wilis	Java	7.808	S	111.758	E	2563	Stratovolcano	S0
439	0603-281	Kawi-Butak	Java	7.92	S	112.45	E	2651	Stratovolcanoes	S0
440	0603-28=	Kelut	Java	7.93	S	112.308	E	1731	Stratovolcano	S2
441	0603-291	Penanggungan	Java	7.62	S	112.63	E	1653	Stratovolcano	S0
442	0603-292	Malang Plain	Java	8.02	S	112.68	E	680	Maars	S0
443	0603-29=	Arjuno-Welirang	Java	7.725	S	112.58	E	3339	Stratovolcano	S1
444	0603-30=	Semeru	Java	8.108	S	112.92	E	3676	Stratovolcano	S1
445	0603-31=	Tengger Caldera	Java	7.942	S	112.95	E	2329	Stratovolcanoes	S1
446	0603-321	Lurus	Java	7.73	S	113.58	E	539	Complex volcano	M0
447	0603-32=	Lamongan	Java	7.979	S	113.342	E	1651	Stratovolcano	S1
448	0603-33=	Iyang-Argapura	Java	7.97	S	113.57	E	3088	Complex volcano	S0
449	0603-34=	Raung	Java	8.125	S	114.042	E	3332	Stratovolcano	S1
450	0603-351	Baluran	Java	7.85	S	114.37	E	1247	Stratovolcano	S0
451	0603-35=	Ijen	Java	8.058	S	114.242	E	2799	Stratovolcanoes	S1



	A	E	F	H	I	K	L	M	N	P
1	NUMBER	NAME	LOCATION	LATITUDE	NS	LONGITUDE	EW	ELEV	TYPE	ERUPTION TYPE
542	0703-01=	Bulusan	Luzon-Philippines	12.770	N	124.05	E	1565	Stratovolcanoes	S1
543	0703-02=	Pocdol Mountains	Luzon-Philippines	13.05	N	123.958	E	1102	Compound volcano	S0
544	0703-031	Masaraga	Luzon-Philippines	13.32	N	123.60	E	1328	Stratovolcano	S0
545	0703-03=	Mayon	Luzon-Philippines	13.257	N	123.685	E	2462	Stratovolcano	S2
546	0703-041	Iriga	Luzon-Philippines	13.457	N	123.457	E	1196	Stratovolcano	S0
547	0703-042	Isarog	Luzon-Philippines	13.658	N	123.38	E	1966	Stratovolcano	S0
548	0703-044	Malindig	Luzon-Philippines	13.240	N	122.018	E	1157	Stratovolcano	S0
549	0703-05=	Banahaw	Luzon-Philippines	14.07	N	121.48	E	2158	Complex volcano	S0
550	0703-06=	San Pablo Volc Field	Luzon-Philippines	14.12	N	121.30	E	1090	Stratovolcano	S0
551	0703-07=	Taal	Luzon-Philippines	14.002	N	120.993	E	311	Caldera	S2
552	0703-081	Mariveles	Luzon-Philippines	14.52	N	120.47	E	1388	Stratovolcano	S0
553	0703-082	Natib	Luzon-Philippines	14.72	N	120.40	E	1253	Stratovolcano	S0
554	0703-083	Pinatubo	Luzon-Philippines	15.13	N	120.35	E	1486	Stratovolcano	S3
555	0703-084	Arayat	Luzon-Philippines	15.20	N	120.742	E	1026	Stratovolcano	S0
556	0703-085	Amorong	Luzon-Philippines	15.828	N	120.805	E	376	Lava domes	S0
557	0703-086	Santo Tomas	Luzon-Philippines	16.33	N	120.55	E	2260	Stratovolcano	S0
558	0703-087	Patoc	Luzon-Philippines	17.147	N	120.980	E	1865	Stratovolcano	S0
559	0703-088	Ambalatungan Group	Luzon-Philippines	17.32	N	121.10	E	2329	Compound volcano	S0
560	0703-08=	Laguna Caldera	Luzon-Philippines	14.42	N	121.27	E	743	Caldera	S0
561	0703-09=	Cagua	Luzon-Philippines	18.222	N	122.123	E	1133	Stratovolcano	S0
562	0704-01=	Camiguin de Babuyan	Luzon-N of	18.83	N	121.860	E	712	Stratovolcano	S0
563	0704-02=	Didicas	Luzon-N of	19.077	N	122.202	E	228	Compound volcano	S0
564	0704-03=	Babuyan Claro	Luzon-N of	19.523	N	121.940	E	1080	Stratovolcanoes	S1
565	0704-05=	Unnamed	Luzon-N of	20.33	N	121.75	E	-24	Submarine volcano	S0
566	0704-06=	Iraya	Luzon-N of	20.469	N	122.010	E	1009	Stratovolcano	S0
567	0705-001	Hainan Dao	SE Asia	19.70	N	110.10	E		Pyroclastic cones	S0
568	0705-01=	Leizhou Bandao	SE Asia	20.78	N	110.17	E	259	Volcanic field	S0
569	0705-02=	Cù-Lao Ré Group	SE Asia	15.38	N	109.12	E	181	Volcanic field	S0
570	0705-03=	Toroeng Prong	SE Asia	14.93	N	108.00	E	800	Cinder cone	M0
571	0705-04=	Haut Dong Nai	SE Asia	11.60	N	108.20	E	1000	Volcanic field	S0
572	0705-05=	Bas Dong Nai	SE Asia	10.80	N	107.20	E	392	Volcanic field	S0
573	0705-06=	Cendres, Ile des	SE Asia	10.158	N	109.014	E	-20	Submarine volcanoes	M0
574	0705-07=	Veteran	SE Asia	9.83	N	109.05	E		Submarine volcano	S0
575	0705-08=	Popa	SE Asia	20.92	N	95.25	E	1518	Stratovolcano	S0
576	0705-09=	Lower Chindwin	SE Asia	22.28	N	95.10	E	385	Volcanic field	S0
577	0705-10=	Singu Plateau	SE Asia	22.70	N	95.98	E	507	Fissure vents	S0
578	0705-11=	Tengchong	SE Asia	25.23	N	98.50	E	2865	Pyroclastic cones	S0
579	0801-011	Unnamed	Taiwan-E of	19.17	N	132.25	E	-10	Submarine volcano ?	S0
580	0801-01=	Unnamed	Taiwan-E of	20.93	N	134.75	E	-6000	Submarine volcano ?	U0
581	0801-02=	Unnamed	Taiwan-E of	21.83	N	121.18	E	-115	Submarine volcano	U0
582	0801-031	Kueishantao	Taiwan-E of	24.85	N	121.92	E	401	Stratovolcano	S0
583	0801-03=	Unnamed	Taiwan-E of	24.00	N	121.83	E		Submarine volcano	S0
584	0801-04=	Unnamed	Taiwan-N of	25.40	N	122.20	E	-100	Submarine volcano	U0
585	0801-05=	Zengyu	Taiwan-N of	26.18	N	122.458	E	-418	Submarine volcano	U0
586	0802-01=	Iriomote-jima	Ryukyu Is	24.558	N	124.00	E	-200	Submarine volcano	U0
587	0802-021	Yokoate-jima	Ryukyu Is	28.797	N	128.997	E	495	Stratovolcanoes	S0
588	0802-022	Akuseki-jima	Ryukyu Is	29.461	N	129.597	E	584	Stratovolcanoes	S0
589	0802-02=	Iwo-Tori-shima	Ryukyu Is	27.877	N	128.224	E	212	Complex volcano	S1
590	0802-03=	Suwanose-jima	Ryukyu Is	29.635	N	129.716	E	799	Stratovolcanoes	S1
591	0802-041	Kogaja-jima	Ryukyu Is	29.879	N	129.625	E	301	Lava domes	S0
592	0802-043	Kuchino-shima	Ryukyu Is	29.964	N	129.927	E	628	Stratovolcanoes	S0
593	0802-04=	Nakano-shima	Ryukyu Is	29.856	N	129.859	E	979	Stratovolcanoes	S0
594	0802-05=	Kuchinoerabu-jima	Ryukyu Is	30.440	N	130.219	E	657	Stratovolcanoes	S2
595	0802-06=	Kikai	Ryukyu Is	30.789	N	130.308	E	704	Caldera	S1
596	0802-07=	Ibusuki Volc Field	Kyushu-Japan	31.22	N	130.57	E	922	Calderas	S0
597	0802-081	Sumiyoshi-ike	Kyushu-Japan	31.768	N	130.594	E	15	Maars	M0
598	0802-08=	Sakura-jima	Kyushu-Japan	31.585	N	130.657	E	1117	Stratovolcano	S1
599	0802-091	Fukue-jima	Kyushu-Japan	32.653	N	128.851	E	317	Shield volcanoes	M0
600	0802-09=	Kirishima	Kyushu-Japan	31.931	N	130.864	E	1700	Shield volcano	S1
601	0802-10=	Unzen	Kyushu-Japan	32.757	N	130.294	E	1500	Complex volcano	S1
602	0802-11=	Aso	Kyushu-Japan	32.881	N	131.106	E	1592	Caldera	M1
603	0802-12=	Kuju	Kyushu-Japan	33.083	N	131.251	E	1791	Stratovolcanoes	M1
604	0802-13=	Tsurumi	Kyushu-Japan	33.28	N	131.432	E	1584	Lava domes	S0
605	0803-001	Abu	Honshu-Japan	34.50	N	131.60	E	641	Shield volcanoes	M0
606	0803-002	Sanbe	Honshu-Japan	35.13	N	132.62	E	1126	Stratovolcano	S0
607	0803-003	Oki-Dogo	Honshu-Japan	36.176	N	133.334	E	151	Shield volcano	M0
608	0803-01=	Izu-Tobu	Honshu-Japan	34.900	N	139.098	E	1406	Pyroclastic cones	M0
609	0803-02=	Hakone	Honshu-Japan	35.230	N	139.024	E	1438	Complex volcano	S0
610	0803-031	Kita Yatsuga-take	Honshu-Japan	36.10	N	138.30	E	2530	Stratovolcanoes	S0
611	0803-03=	Fuji	Honshu-Japan	35.358	N	138.731	E	3776	Stratovolcano	S2
612	0803-04=	On-take	Honshu-Japan	35.890	N	137.48	E	3063	Complex volcano	S0
613	0803-05=	Haku-san	Honshu-Japan	36.152	N	136.774	E	2702	Stratovolcano	S2
614	0803-06=	Norikura	Honshu-Japan	36.103	N	137.557	E	3026	Stratovolcanoes	S0
615	0803-071	Washiba-Kumonotaira	Honshu-Japan	36.408	N	137.594	E	2924	Shield volcanoes	M0
616	0803-07=	Yake-dake	Honshu-Japan	36.224	N	137.590	E	2455	Stratovolcanoes	S0
617	0803-08=	Tate-yama	Honshu-Japan	36.568	N	137.593	E	2621	Stratovolcano	S0
618	0803-09=	Niigata-Yake-yama	Honshu-Japan	36.918	N	138.039	E	2400	Lava dome	S1
619	0803-10=	Myoko	Honshu-Japan	36.888	N	138.12	E	2446	Stratovolcano	S0
620	0803-11=	Asama	Honshu-Japan	36.403	N	138.526	E	2568	Complex volcano	S1
621	0803-121	Shiga	Honshu-Japan	36.688	N	138.519	E	2041	Shield volcanoes	M0
622	0803-122	Haruna	Honshu-Japan	36.474	N	138.881	E	1449	Stratovolcano	S0
623	0803-12=	Kusatsu-Shirane	Honshu-Japan	36.620	N	138.535	E	2171	Stratovolcanoes	S1
624	0803-131	Hiuchi	Honshu-Japan	36.952	N	139.289	E	2356	Stratovolcano	S0
625	0803-13=	Akagi	Honshu-Japan	36.557	N	139.196	E	1828	Stratovolcano	S0
626	0803-141	Nantai	Honshu-Japan	36.762	N	139.494	E	2486	Stratovolcano	S0
627	0803-142	Omanago Group	Honshu-Japan	36.792	N	139.510	E	2367	Lava domes	S0
628	0803-143	Takahara	Honshu-Japan	36.897	N	139.780	E	1795	Stratovolcano	S0
629	0803-14=	Nikko-Shirane	Honshu-Japan	36.796	N	139.379	E	2578	Shield volcano	S1
630	0803-151	Numazawa	Honshu-Japan	37.450	N	139.579	E	1100	Shield volcano	M0
631	0803-15=	Nasu	Honshu-Japan	37.122	N	139.966	E	1915	Stratovolcanoes	S1



Volcanoes of the World with ESP, v 1.2.xls

	A	E	F	H	I	K	L	M	N	P
1	NUMBER	NAME	LOCATION	LATITUDE	NS	LONGITUDE	EW	ELEV	TYPE	ERUPTION TYPE
722	0900-03=	Tiatia	Kuril Is	44.351	N	146.256	E	1819	Stratovolcano	M0
723	0900-041	Lvinaya Past	Kuril Is	44.608	N	146.994	E	528	Stratovolcano	S0
724	0900-04=	Berutarube	Kuril Is	44.459	N	146.936	E	1221	Stratovolcano	S0
725	0900-05=	Atsonupuri	Kuril Is	44.805	N	147.135	E	1206	Stratovolcano	S0
726	0900-06=	Bogatyr Ridge	Kuril Is	44.833	N	147.342	E	1634	Stratovolcano	S0
727	0900-061	Unnamed	Kuril Is	45.03	N	147.208	E	-930	Submarine volcano	U0
728	0900-07=	Grozny Group	Kuril Is	45.026	N	147.922	E	1211	Complex volcanoes	S1
729	0900-08=	Baransky	Kuril Is	45.097	N	148.024	E	1132	Stratovolcano	S0
730	0900-091	Golets-Torniy Group	Kuril Is	45.25	N	148.35	E	442	Pyroclastic cones	S0
731	0900-09=	Chirip	Kuril Is	45.338	N	147.925	E	1587	Stratovolcanoes	M0
732	0900-10=	Medvezhia	Kuril Is	45.387	N	148.843	E	1125	Somma volcano	S0
733	0900-11=	Demon	Kuril Is	45.50	N	148.85	E	1205	Stratovolcano	S0
734	0900-111	Ivao Group	Kuril Is	45.77	N	149.68	E	1426	Cinder cones	S0
735	0900-112	Rudakov	Kuril Is	45.88	N	149.83	E	542	Stratovolcano	S0
736	0900-113	Tri Sestry	Kuril Is	45.93	N	149.92	E	998	Stratovolcano	S0
737	0900-12=	Kolokol Group	Kuril Is	46.042	N	150.05	E	1328	Somma volcanoes	S0
738	0900-13=	Unnamed	Kuril Is	46.10	N	150.50	E	-100	Submarine volcano ?	U0
739	0900-15=	Chirpoi	Kuril Is	46.525	N	150.875	E	742	Caldera	S0
740	0900-16=	Unnamed	Kuril Is	46.47	N	151.28	E	-502	Submarine volcano	U0
741	0900-161	Milne	Kuril Is	46.82	N	151.78	E	1540	Somma volcano	S0
742	0900-17=	Goriaschaia Sopka	Kuril Is	46.83	N	151.75	E	891	Stratovolcano	S0
743	0900-18=	Zavaritzki Caldera	Kuril Is	46.925	N	151.95	E	624	Caldera	S0
744	0900-191	Urataman	Kuril Is	47.12	N	152.25	E	678	Somma volcano	S0
745	0900-19=	Prevo Peak	Kuril Is	47.02	N	152.12	E	1360	Stratovolcano	M0
746	0900-20=	Ketoi	Kuril Is	47.35	N	152.475	E	1172	Stratovolcano	S0
747	0900-211	Srednii	Kuril Is	47.60	N	152.92	E	36	Submarine volcano	S0
748	0900-21=	Ushishur	Kuril Is	47.52	N	152.80	E	401	Caldera	S0
749	0900-22=	Rasshua	Kuril Is	47.77	N	153.02	E	956	Stratovolcano	S0
750	0900-23=	Unnamed	Kuril Is	48.08	N	153.33	E	-150	Submarine volcano	U0
751	0900-24=	Sarychev Peak	Kuril Is	48.092	N	153.20	E	1496	Stratovolcano	S1
752	0900-25=	Raikoke	Kuril Is	48.292	N	153.25	E	551	Stratovolcano	M0
753	0900-26=	Chirinkotan	Kuril Is	48.98	N	153.48	E	724	Stratovolcano	S0
754	0900-27=	Ekarma	Kuril Is	48.958	N	153.93	E	1170	Stratovolcano	S0
755	0900-29=	Sinarka	Kuril Is	48.875	N	154.175	E	934	Stratovolcano	S0
756	0900-30=	Kharimkotan	Kuril Is	49.12	N	154.508	E	1145	Stratovolcano	S0
757	0900-31=	Tao-Rusyr Caldera	Kuril Is	49.35	N	154.70	E	1325	Stratovolcano	S0
758	0900-32=	Nemo Peak	Kuril Is	49.57	N	154.808	E	1018	Caldera	S0
759	0900-331	Shirinki	Kuril Is	50.20	N	154.98	E	761	Stratovolcano	S0
760	0900-34=	Fuss Peak	Kuril Is	50.27	N	155.25	E	1772	Stratovolcano	S0
761	0900-351	Lomonosov Group	Kuril Is	50.25	N	155.43	E	1681	Cinder cones	S0
762	0900-35=	Karpinsky Group	Kuril Is	50.13	N	155.37	E	1345	Cones	S0
763	0900-36=	Chikurachi	Kuril Is	50.325	N	155.458	E	1816	Stratovolcanoes	M2
764	0900-37=	Vernadskii Ridge	Kuril Is	50.55	N	155.97	E	1183	Cinder cones	S0
765	0900-38=	Ebeko	Kuril Is	50.68	N	156.02	E	1156	Somma volcano	S1
766	0900-39=	Alaid	Kuril Is	50.858	N	155.55	E	2339	Stratovolcano	M1
767	1000-001	Mashkovtsev	Kamchatka	51.10	N	156.72	E	503	Stratovolcano	M0
768	1000-01=	Kambalny	Kamchatka	51.30	N	156.87	E	2156	Stratovolcano	M0
769	1000-021	Yavinsky	Kamchatka	51.57	N	156.60	E	705	Stratovolcano	M0
770	1000-022	Diky Greben	Kamchatka	51.45	N	156.97	E	1070	Lava domes	S0
771	1000-023	Kurile Lake	Kamchatka	51.45	N	157.12	E	81	Caldera	S0
772	1000-02=	Koshelev	Kamchatka	51.357	N	156.75	E	1812	Stratovolcano	M0
773	1000-03=	Ilyinsky	Kamchatka	51.490	N	157.20	E	1578	Stratovolcano	S0
774	1000-041	Kell	Kamchatka	51.65	N	157.35	E	900	Stratovolcanoes	M0
775	1000-042	Belenkaya	Kamchatka	51.75	N	157.27	E	892	Stratovolcano	M0
776	1000-04=	Zheltovsky	Kamchatka	51.57	N	157.323	E	1953	Stratovolcano	M0
777	1000-051	Ozeromy	Kamchatka	51.88	N	157.38	E	562	Shield volcano	M0
778	1000-052	Olkoviy Volc Group	Kamchatka	52.02	N	157.53	E	681	Volcanic field	M0
779	1000-053	Khodutka	Kamchatka	52.063	N	157.703	E	2090	Stratovolcanoes	S0
780	1000-054	Piratkovsky	Kamchatka	52.113	N	157.849	E	1322	Stratovolcano	S0
781	1000-055	Ostanets	Kamchatka	52.146	N	157.322	E	719	Shield volcanoes	M0
782	1000-056	Otdelniy	Kamchatka	52.220	N	157.428	E	791	Shield volcanoes	M0
783	1000-057	Golaya	Kamchatka	52.263	N	157.787	E	858	Stratovolcano	M0
784	1000-058	Asacha	Kamchatka	52.355	N	157.827	E	1910	Complex volcano	M0
785	1000-059	Visokiy	Kamchatka	52.43	N	157.93	E	1234	Stratovolcano	M0
786	1000-06=	Ksudach	Kamchatka	51.80	N	157.53	E	1079	Stratovolcano	S0
787	1000-06=	Mutnovsky	Kamchatka	52.453	N	158.195	E	2322	Complex volcano	M1
788	1000-07=	Gorely	Kamchatka	52.558	N	158.03	E	1829	Caldera	S0
789	1000-081	Unnamed	Kamchatka	52.57	N	157.02	E	610	Cinder cone	M0
790	1000-082	Tolmachev Dol	Kamchatka	52.63	N	157.58	E	1021	Cinder cones	M0
791	1000-083	Vilyuchik	Kamchatka	52.70	N	158.28	E	2173	Stratovolcano	S0
792	1000-084	Barkhatnaya Sopka	Kamchatka	52.823	N	158.27	E	870	Lava domes	M0
793	1000-085	Unnamed	Kamchatka	52.92	N	158.52	E	450	Shield volcanoes	M0
794	1000-086	Unnamed	Kamchatka	52.88	N	158.30	E	700	Shield volcanoes	M0
795	1000-087	Bolshe-Bannaya	Kamchatka	52.90	N	157.78	E	1200	Lava domes	M0
796	1000-08=	Opala	Kamchatka	52.543	N	157.335	E	2475	Caldera	M0
797	1000-09=	Koryaksky	Kamchatka	53.320	N	158.688	E	3456	Stratovolcano	S0
798	1000-10=	Avachinsky	Kamchatka	53.255	N	158.830	E	2741	Stratovolcano	S0
799	1000-11=	Dzenzursky	Kamchatka	53.637	N	158.922	E	2285	Compound volcano	S0
800	1000-121	Veer	Kamchatka	53.75	N	158.45	E	520	Cinder cones	M0
801	1000-122	Kostakan	Kamchatka	53.83	N	158.05	E	1150	Cinder cones	M0
802	1000-123	Bakening	Kamchatka	53.905	N	158.07	E	2278	Stratovolcano	S0
803	1000-124	Zavaritsky	Kamchatka	53.905	N	158.385	E	1567	Cinder cones	M0
804	1000-125	Akademia Nauk	Kamchatka	53.98	N	159.45	E	1180	Stratovolcanoes	S0
805	1000-12=	Zhupanovsky	Kamchatka	53.590	N	159.147	E	2958	Compound volcano	S0
806	1000-13=	Karymsky	Kamchatka	54.05	N	159.45	E	1536	Stratovolcano	S1
807	1000-14=	Maly Semichik	Kamchatka	54.13	N	159.67	E	1560	Caldera	M0
808	1000-15=	Bolshoi Semichik	Kamchatka	54.32	N	160.02	E	1720	Stratovolcanoes	M0
809	1000-16=	Taunshits	Kamchatka	54.53	N	159.80	E	2353	Stratovolcano	S0
810	1000-17=	Uzon	Kamchatka	54.50	N	159.97	E	1617	Calderas	S0
811	1000-18=	Kikhpinych	Kamchatka	54.487	N	160.253	E	1552	Stratovolcanoes	M0



## Volcanoes of the World with ESP, v 1.2.xls

	A	E	F	H	I	K	L	M	N	P
1	NUMBER	NAME	LOCATION	LATITUDE	NS	LONGITUDE	EW	ELEV	TYPE	ERUPTION TYPE
812	1000-19=	Krashennnikov	Kamchatka	54.593	N	160.273	E	1856	Caldera	M0
813	1000-201	Schmidt	Kamchatka	54.92	N	160.63	E	2020	Shield volcano	M0
814	1000-20=	Kronotsky	Kamchatka	54.753	N	160.527	E	3528	Stratovolcano	M0
815	1000-21=	Gamchen	Kamchatka	54.973	N	160.702	E	2576	Complex volcano	M0
816	1000-221	Vysoky	Kamchatka	55.07	N	160.77	E	2161	Stratovolcano	S0
817	1000-22=	Komarov	Kamchatka	55.032	N	160.720	E	2070	Stratovolcano	M0
818	1000-232	Unnamed	Kamchatka	55.92	N	161.75	E		Cinder cones	S0
819	1000-23=	Kizimen	Kamchatka	55.130	N	160.32	E	2376	Stratovolcano	S0
820	1000-241	Udina	Kamchatka	55.755	N	160.527	E	2923	Stratovolcanoes	S0
821	1000-242	Zimina	Kamchatka	55.862	N	160.603	E	3081	Stratovolcanoes	S0
822	1000-24=	Tolbachik	Kamchatka	55.830	N	160.330	E	3682	Shield volcano	M1
823	1000-251	Kamen	Kamchatka	56.02	N	160.593	E	4585	Stratovolcano	M0
824	1000-25=	Bezymianny	Kamchatka	55.978	N	160.587	E	2882	Stratovolcano	S2
825	1000-261	Ushkovsky	Kamchatka	56.070	N	160.470	E	3943	Compound volcano	M0
826	1000-26=	Kluchevskoi	Kamchatka	56.057	N	160.638	E	4835	Stratovolcano	M1
827	1000-271	Pip	Kamchatka-E of	55.42	N	167.33	E	-300	Submarine volcano	U0
828	1000-272	Khanger	Kamchatka	54.75	N	157.38	E	2000	Stratovolcano	S0
829	1000-273	Cherpu Group	Kamchatka	55.55	N	157.47	E	1868	Pyroclastic cones	S0
830	1000-27=	Shiveluch	Kamchatka	56.653	N	161.360	E	3283	Stratovolcano	S1
831	1000-28=	Ichinsky	Kamchatka	55.68	N	157.73	E	3621	Stratovolcano	M0
832	1000-29=	Maly Payalpan	Kamchatka	55.82	N	157.98	E	1802	Shield volcanoes	M0
833	1000-30=	Bolshoi Payalpan	Kamchatka	55.88	N	157.78	E	1906	Shield volcanoes	M0
834	1000-31=	Plosky	Kamchatka	55.20	N	158.47	E	1236	Shield volcano	M0
835	1000-32=	Akhtang	Kamchatka	55.43	N	158.65	E	1956	Shield volcano	M0
836	1000-33=	Kozyrevsky	Kamchatka	55.58	N	158.38	E	2016	Shield volcano	M0
837	1000-34=	Romanovka	Kamchatka	55.65	N	158.80	E	1442	Stratovolcano	M0
838	1000-35=	Uksichan	Kamchatka	56.08	N	158.38	E	1692	Shield volcano	M0
839	1000-36=	Bolshoi-Kekuknaysky	Kamchatka	56.47	N	157.80	E	1401	Shield volcanoes	M0
840	1000-37=	Kulkev	Kamchatka	56.37	N	158.37	E	915	Shield volcano	M0
841	1000-38=	Geodesistoy	Kamchatka	56.33	N	158.67	E	1170	Shield volcano	M0
842	1000-39=	Anaun	Kamchatka	56.32	N	158.83	E	1828	Stratovolcano	M0
843	1000-40=	Krainy	Kamchatka	56.37	N	159.03	E	1554	Shield volcano	M0
844	1000-41=	Kekurny	Kamchatka	56.40	N	158.85	E	1377	Shield volcanoes	M0
845	1000-42=	Eggella	Kamchatka	56.57	N	158.52	E	1046	Shield volcano	M0
846	1000-43=	Unnamed	Kamchatka	56.82	N	158.95	E	1185	Shield volcano	M0
847	1000-44=	Verkhovoy	Kamchatka	56.52	N	159.53	E	1400	Shield volcano	M0
848	1000-45=	Alney-Chashakondzha	Kamchatka	56.70	N	159.65	E	2598	Stratovolcano	M0
849	1000-46=	Cherny	Kamchatka	56.82	N	159.67	E	1778	Stratovolcano	M0
850	1000-47=	Pogranichny	Kamchatka	56.85	N	159.80	E	1427	Shield volcanoes	M0
851	1000-48=	Zaozerny	Kamchatka	56.88	N	159.95	E	1349	Shield volcanoes	M0
852	1000-49=	Bliznets	Kamchatka	56.97	N	159.78	E	1244	Stratovolcano	M0
853	1000-50=	Kebeny	Kamchatka	57.10	N	159.93	E	1527	Shield volcano	M0
854	1000-51=	Fedotykh	Kamchatka	57.13	N	160.40	E	965	Shield volcano	M0
855	1000-511	Shisheika	Kamchatka	57.15	N	161.08	E	379	Lava dome	S0
856	1000-512	Terpu	Kamchatka	57.20	N	159.83	E	765	Shield volcano	M0
857	1000-52=	Sedankinsky	Kamchatka	57.27	N	160.08	E	1241	Shield volcano	M0
858	1000-53=	Leutongey	Kamchatka	57.30	N	159.83	E	1333	Shield volcano	M0
859	1000-54=	Tuzovskiy	Kamchatka	57.32	N	159.97	E	1533	Shield volcanoes	M0
860	1000-55=	Gorniy Institute	Kamchatka	57.33	N	160.20	E	2125	Stratovolcano	S0
861	1000-551	Kinenin	Kamchatka	57.35	N	160.97	E	583	Maar	M0
862	1000-552	Bliznetsy	Kamchatka	57.35	N	161.37	E	265	Lava cone	S0
863	1000-56=	Titlia	Kamchatka	57.40	N	160.10	E	1559	Shield volcanoes	M0
864	1000-57=	Mezhzdusopochny	Kamchatka	57.47	N	160.25	E	1641	Shield volcano	M0
865	1000-58=	Shishel	Kamchatka	57.45	N	160.37	E	2525	Shield volcano	M0
866	1000-59=	Elovskiy	Kamchatka	57.55	N	160.53	E	1381	Shield volcanoes	M0
867	1000-60=	Alngy	Kamchatka	57.70	N	160.40	E	1853	Stratovolcano	M0
868	1000-61=	Uka	Kamchatka	57.70	N	160.58	E	1643	Shield volcano	M0
869	1000-62=	Kaileny	Kamchatka	57.80	N	160.67	E	1582	Shield volcano	M0
870	1000-63=	Plosky	Kamchatka	57.83	N	160.25	E	1255	Shield volcano	M0
871	1000-64=	Bely	Kamchatka	57.88	N	160.53	E	2080	Shield volcanoes	M0
872	1000-65=	Nylgimelkin	Kamchatka	57.97	N	160.65	E	1764	Shield volcanoes	M0
873	1000-66=	Snezhniy	Kamchatka	58.02	N	160.80	E	2169	Shield volcano	M0
874	1000-67=	Iktunup	Kamchatka	58.08	N	160.77	E	2300	Shield volcanoes	M0
875	1000-671	Spokoiny	Kamchatka	58.13	N	160.82	E	2171	Stratovolcano	S0
876	1000-68=	Ostry	Kamchatka	58.18	N	160.82	E	2552	Stratovolcano	M0
877	1000-69=	Snegovoy	Kamchatka	58.20	N	160.97	E	2169	Shield volcano	M0
878	1000-70=	Severny	Kamchatka	58.28	N	160.87	E	1936	Shield volcano	M0
879	1000-71=	Iettunup	Kamchatka	58.40	N	161.08	E	1340	Shield volcanoes	M0
880	1000-72=	Voyampolsky	Kamchatka	58.37	N	160.62	E	1225	Shield volcanoes	M0
881	1002-01=	Sikhote-Alin	Russia-SE	47.00	N	137.50	E		Volcanic field	M0
882	1002-03=	Udokan Plateau	Russia-SE	56.28	N	117.77	E	2180	Pyroclastic cones	M0
883	1002-04=	Vitim Plateau	Russia-SE	53.70	N	113.30	E	1250	Cinder cones	M0
884	1002-05=	Tunkin Depression	Russia-SE	51.50	N	102.50	E	1200	Volcanic field	M0
885	1002-06=	Oka Plateau	Russia-SE	52.70	N	98.98	E	2077	Cinder cones	M0
886	1002-07=	Azas Plateau	Russia-SE	52.52	N	98.60	E	2765	Volcanic field	M0
887	1003-01=	Taryatu-Chulutu	Mongolia	48.17	N	99.70	E	2400	Volcanic field	M0
888	1003-02=	Khanuy Gol	Mongolia	48.67	N	102.75	E	1886	Volcanic field	S0
889	1003-03=	Bus-Obo	Mongolia	47.12	N	109.08	E	1162	Cinder cone	M0
890	1003-04=	Dariganga Volc Field	Mongolia	45.33	N	114.00	E	1778	Cinder cones	M0
891	1003-05=	Middle Gobi	Mongolia	45.28	N	106.70	E	1120	Cinder cones	M0
892	1004-01=	Turfan	China-W	42.90	N	89.25	E		Cone	S0
893	1004-02=	Tianshan Volc Group	China-W	42.50	N	82.50	E		Volcanic field	S0
894	1004-03=	Kunlun Volc Group	China-W	35.52	N	80.20	E	5808	Pyroclastic cones	S0
895	1004-04=	Unnamed	China-W	35.85	N	91.70	E	5400	Volcanic field	S0
896	1005-01=	Honggeertu	China-E	41.47	N	113.00	E	1700	Cinder cones	M0
897	1005-011	Arshan	China-E	47.50	N	120.70	E		Cinder cones	M0
898	1005-02=	Keluo Group	China-E	49.37	N	125.92	E	670	Pyroclastic cones	M0
899	1005-03=	Wudalianchi	China-E	48.72	N	126.12	E	597	Volcanic field	M0
900	1005-04=	Jingbo	China-E	44.08	N	128.83	E	1000	Volcanic field	M0
901	1005-05=	Longgang Group	China-E	42.33	N	126.50	E	1000	Cinder cones	M0

1	A	E	F	H	I	K	L	M	N	P
	NUMBER	NAME	LOCATION	LATITUDE	NS	LONGITUDE	EW	ELEV	TYPE	ERUPTION TYPE
902	1005-06-	Changbaishan	China-E	41.98	N	128.08	E	2744	Stratovolcano	S0
903	1006-01-	Xianjindao	Korea	41.33	N	128.00	E		Unknown	S0
904	1006-02-	Ch'uga-ryong	Korea	38.33	N	127.33	E	452	Shield volcano	M0
905	1006-03-	Ulreung	Korea	37.50	N	130.87	E	984	Stratovolcano	S0
906	1006-04-	Halla	Korea	33.37	N	126.53	E	1950	Shield volcano	M0
907	1101-01-	Buldir	Aleutian Is	52.35	N	175.911	E	656	Stratovolcano	S0
908	1101-02-	Kiska	Aleutian Is	52.103	N	177.602	E	1220	Stratovolcano	M0
909	1101-03-	Segula	Aleutian Is	52.015	N	178.136	E	1160	Stratovolcano	S0
910	1101-04-	Davidof	Aleutian Is	51.97	N	178.33	E	328	Stratovolcano	M0
911	1101-05-	Little Sitkin	Aleutian Is	51.95	N	178.543	E	1174	Stratovolcano	S0
912	1101-06-	Semisopchnoi	Aleutian Is	51.93	N	179.58	E	1221	Stratovolcano	S0
913	1101-07-	Gareloi	Aleutian Is	51.790	N	178.794	W	1573	Stratovolcano	S0
914	1101-08-	Tanaga	Aleutian Is	51.885	N	178.146	W	1806	Stratovolcanoes	S0
915	1101-09-	Takawangha	Aleutian Is	51.873	N	178.006	W	1449	Stratovolcano	S0
916	1101-10-	Bobrof	Aleutian Is	51.910	N	177.438	W	738	Stratovolcano	S0
917	1101-11-	Kanaga	Aleutian Is	51.923	N	177.168	W	1307	Stratovolcano	M0
918	1101-111	Moffett	Aleutian Is	51.944	N	176.747	W	1196	Stratovolcano	S0
919	1101-12-	Great Sitkin	Aleutian Is	52.076	N	176.130	W	1740	Stratovolcano	S1
920	1101-13-	Kasatochi	Aleutian Is	52.177	N	175.508	W	314	Stratovolcano	S2
921	1101-14-	Koniujii	Aleutian Is	52.22	N	175.13	W	273	Stratovolcano	S0
922	1101-15-	Sergief	Aleutian Is	52.05	N	174.95	W	560	Stratovolcano	S0
923	1101-16-	Atka	Aleutian Is	52.332	N	174.137	W	1451	Stratovolcanoes	S1
924	1101-161	Korovin	Aleutian Is	52.381	N	174.154	W	1533	Stratovolcanoes	S1
925	1101-18-	Seguam	Aleutian Is	52.315	N	172.510	W	1054	Stratovolcanoes	S0
926	1101-19-	Amukta	Aleutian Is	52.50	N	171.252	W	1066	Stratovolcano	S1
927	1101-20-	Chagulak	Aleutian Is	52.577	N	171.13	W	1142	Stratovolcano	S0
928	1101-21-	Yunaska	Aleutian Is	52.643	N	170.629	W	550	Shield volcano	S2
929	1101-22-	Herbert	Aleutian Is	52.742	N	170.111	W	1280	Stratovolcano	S0
930	1101-23-	Carlisle	Aleutian Is	52.894	N	170.054	W	1620	Stratovolcano	S1
931	1101-24-	Cleveland	Aleutian Is	52.825	N	169.944	W	1730	Stratovolcano	S2
932	1101-241	Tana	Aleutian Is	52.83	N	169.77	W	1170	Stratovolcanoes	S0
933	1101-25-	Uliaga	Aleutian Is	53.065	N	169.77	W	888	Stratovolcano	S0
934	1101-26-	Kagamil	Aleutian Is	52.974	N	169.72	W	893	Stratovolcano	S0
935	1101-27-	Vsevidof	Aleutian Is	53.130	N	168.693	W	2149	Stratovolcano	S0
936	1101-28-	Recheshnoi	Aleutian Is	53.157	N	168.539	W	1984	Stratovolcano	S0
937	1101-29-	Okmok	Aleutian Is	53.43	N	168.13	W	1073	Shield volcano	S2
938	1101-30-	Bogoslof	Aleutian Is	53.93	N	168.03	W	150	Submarine volcano	S2
939	1101-31-	Makushin	Aleutian Is	53.891	N	166.923	W	1800	Stratovolcano	S1
940	1101-32-	Akutan	Aleutian Is	54.134	N	165.986	W	1303	Stratovolcano	S1
941	1101-34-	Westdahl	Aleutian Is	54.518	N	164.65	W	1654	Stratovolcano ?	S2
942	1101-35-	Fisher	Aleutian Is	54.65	N	164.43	W	1112	Stratovolcano	S0
943	1101-36-	Shishaldin	Aleutian Is	54.756	N	163.97	W	2857	Stratovolcano	S2
944	1101-37-	Isanotski	Aleutian Is	54.765	N	163.723	W	2446	Stratovolcano	S0
945	1101-38-	Roundtop	Aleutian Is	54.80	N	163.589	W	1871	Stratovolcano	S0
946	1101-39-	Amak	Aleutian Is	55.424	N	163.149	W	488	Stratovolcano	S0
947	1102-01-	Frosty	Alaska Peninsula	55.082	N	162.814	W	2012	Stratovolcanoes	S0
948	1102-011	Dutton	Alaska Peninsula	55.168	N	162.272	W	1506	Stratovolcano	S0
949	1102-02-	Emmons Lake	Alaska Peninsula	55.341	N	162.079	W	1436	Caldera	S0
950	1102-03-	Pavlof	Alaska Peninsula	55.42	N	161.887	W	2519	Stratovolcano	S2
951	1102-04-	Pavlof Sister	Alaska Peninsula	55.453	N	161.843	W	2142	Stratovolcano	S0
952	1102-05-	Dana	Alaska Peninsula	55.641	N	161.214	W	1354	Stratovolcano	S0
953	1102-051	Stepovak Bay 2	Alaska Peninsula	55.913	N	160.041	W	1323	Cinder cone	S0
954	1102-052	Stepovak Bay 3	Alaska Peninsula	55.929	N	160.002	W	1555	Cinder cone	S0
955	1102-053	Stepovak Bay 4	Alaska Peninsula	55.954	N	159.954	W	1557	Stratovolcano	S0
956	1102-06-	Kupreanof	Alaska Peninsula	56.011	N	159.797	W	1895	Stratovolcano	S0
957	1102-07-	Veniaminof	Alaska Peninsula	56.17	N	159.38	W	2507	Stratovolcano	S1
958	1102-08-	Black Peak	Alaska Peninsula	56.552	N	158.785	W	1032	Stratovolcano	S0
959	1102-09-	Aniakchak	Alaska Peninsula	56.88	N	158.17	W	1341	Caldera	S1
960	1102-10-	Yantarni	Alaska Peninsula	57.019	N	157.185	W	1345	Stratovolcano	S0
961	1102-11-	Chiginagak	Alaska Peninsula	57.135	N	156.990	W	2221	Stratovolcano	S0
962	1102-12-	Kialagvik	Alaska Peninsula	57.203	N	156.745	W	1677	Stratovolcano	S0
963	1102-13-	Ugashik-Peulik	Alaska Peninsula	57.751	N	156.368	W	1474	Stratovolcano	S0
964	1102-131	Ukinrek Maars	Alaska Peninsula	57.832	N	156.510	W	91	Maars	S1
965	1102-132	Unnamed	Alaska Peninsula	57.87	N	155.42	W	300	Lava dome	S0
966	1102-14-	Martin	Alaska Peninsula	58.172	N	155.361	W	1863	Stratovolcano	S0
967	1102-15-	Mageik	Alaska Peninsula	58.195	N	155.253	W	2165	Stratovolcano	S2
968	1102-16-	Trident	Alaska Peninsula	58.236	N	155.10	W	1864	Stratovolcano	S0
969	1102-17-	Katmai	Alaska Peninsula	58.280	N	154.963	W	2047	Stratovolcano	S0
970	1102-18-	Novarupta	Alaska Peninsula	58.27	N	155.157	W	841	Caldera	S0
971	1102-19-	Griggs	Alaska Peninsula	58.354	N	155.092	W	2317	Stratovolcano	S0
972	1102-20-	Snowy Mountain	Alaska Peninsula	58.336	N	154.682	W	2162	Stratovolcanoes	S0
973	1102-21-	Denison	Alaska Peninsula	58.418	N	154.449	W	2287	Stratovolcano	S0
974	1102-22-	Steller	Alaska Peninsula	58.43	N	154.40	W	2272	Stratovolcano	S0
975	1102-23-	Kukak	Alaska Peninsula	58.453	N	154.355	W	2043	Stratovolcano	S0
976	1102-25-	Kaguyak	Alaska Peninsula	58.608	N	154.028	W	901	Stratovolcano	S0
977	1102-26-	Fourpeaked	Alaska Peninsula	58.770	N	153.672	W	2105	Stratovolcano	S1
978	1102-27-	Douglas	Alaska Peninsula	58.855	N	153.542	W	2140	Stratovolcano	S0
979	1103-01-	Augustine	Alaska-SW	59.363	N	153.43	W	1252	Lava domes	S2
980	1103-02-	Iliamna	Alaska-SW	60.032	N	153.090	W	3053	Stratovolcano	S0
981	1103-03-	Redoubt	Alaska-SW	60.485	N	152.742	W	3108	Stratovolcano	S2
982	1103-04-	Spurr	Alaska-SW	61.299	N	152.251	W	3374	Stratovolcano	S2
983	1103-05-	Hayes	Alaska-SW	61.640	N	152.411	W	3034	Stratovolcano	S0
984	1104-01-	St. Paul Island	Alaska-W	57.18	N	170.30	W	203	Shield volcano	M0
985	1104-02-	Nunivak Island	Alaska-W	60.02	N	166.33	W	511	Shield volcano	M0
986	1104-03-	Ingakslugwat Hills	Alaska-W	61.43	N	164.47	W	190	Cinder cones	M0
987	1104-04-	St. Michael	Alaska-W	63.45	N	162.12	W	715	Shield volcanoes	M0
988	1104-05-	Kookooligit Mountains	Alaska-W	63.60	N	170.43	W	673	Shield volcano	M0
989	1104-06-	Imuruk Lake	Alaska-W	65.60	N	163.92	W	610	Shield volcanoes	M0
990	1105-001	Buzzard Creek	Alaska-E	64.07	N	148.42	W	830	Tuff rings	M0
991	1105-01-	Sanford	Alaska-E	62.22	N	144.13	W	4949	Shield volcano	S0

	A	E	F	H	I	K	L	M	N	P
1	NUMBER	NAME	LOCATION	LATITUDE	NS	LONGITUDE	EW	ELEV	TYPE	ERUPTION TYPE
992	1105-02-	Wrangell	Alaska-E	62.00	N	144.02	W	4317	Shield volcano	S0
993	1105-021	Gordon	Alaska-E	62.13	N	143.08	W	2755	Cinder cones	M0
994	1105-03-	Churchill	Alaska-E	61.38	N	141.75	W	5005	Stratovolcano	S0
995	1105-04-	Edgumbe	Alaska-E	57.05	N	135.75	W	970	Stratovolcanoes	S0
996	1105-05-	Duncan Canal	Alaska-E	56.50	N	133.10	W	15	Volcanic field	M0
997	1105-06-	Tlevak Strait-Suemez Is.	Alaska-E	55.25	N	133.30	W	50	Volcanic field	M0
998	1105-07-	Behm Canal-Rudverd Bay	Alaska-E	55.32	N	131.05	W	500	Cinder cones	M0
999	1200-01-	Fort Selkirk	Canada	62.93	N	137.38	W	1239	Volcanic field	M0
1000	1200-02-	Alligator Lake	Canada	60.42	N	135.42	W	2217	Volcanic field	M0
1001	1200-03-	Atlin Volc Field	Canada	59.68	N	133.32	W	1880	Cinder cones	M0
1002	1200-031	Tuya Volc Field	Canada	59.37	N	130.58	W	2123	Volcanic field	M0
1003	1200-04-	Heart Peaks	Canada	58.60	N	131.97	W	2012	Shield volcano	S0
1004	1200-05-	Level Mountain	Canada	58.42	N	131.35	W	2190	Shield volcano	S0
1005	1200-06-	Edziza	Canada	57.72	N	130.63	W	2786	Stratovolcano	M0
1006	1200-07-	Spectrum Range	Canada	57.43	N	130.68	W	2430	Shield volcano	S0
1007	1200-08-	Hoodoo Mountain	Canada	56.78	N	131.28	W	1850	Subglacial volcano	S0
1008	1200-09-	Iskut-Unuk River Cones	Canada	56.58	N	130.55	W	1880	Cinder cones	M0
1009	1200-10-	Tseax River Cone	Canada	55.12	N	128.90	W	609	Pyroclastic cone	M0
1010	1200-11-	Crow Lagoon	Canada	54.70	N	130.23	W	335	Pyroclastic cone	M0
1011	1200-12-	Milbanke Sound Group	Canada	52.50	N	128.73	W	335	Cinder cones	M0
1012	1200-13-	Satah Mountain	Canada	52.47	N	124.70	W	1921	Volcanic field	M0
1013	1200-14-	Nazko	Canada	52.90	N	123.73	W	1230	Cinder cones	M0
1014	1200-15-	Wells Gray-Clearwater	Canada	52.33	N	120.57	W	2015	Cinder cones	M0
1015	1200-16-	Silverthorne	Canada	51.43	N	126.30	W	3160	Caldera	S0
1016	1200-17-	Bridge River Cones	Canada	50.80	N	123.40	W	2500	Volcanic field	M0
1017	1200-18-	Meager	Canada	50.63	N	123.50	W	2680	Complex volcano	S0
1018	1200-19-	Garibaldi Lake	Canada	49.92	N	123.03	W	2316	Volcanic field	S0
1019	1200-20-	Garibaldi	Canada	49.85	N	123.00	W	2678	Stratovolcano	S0
1020	1201-01=	Baker	US-Washington	48.777	N	121.813	W	3285	Stratovolcanoes	S1
1021	1201-02-	Glacier Peak	US-Washington	48.112	N	121.113	W	3213	Stratovolcano	S0
1022	1201-03-	Rainier	US-Washington	46.853	N	121.760	W	4392	Stratovolcano	S1
1023	1201-04-	Adams	US-Washington	46.206	N	121.490	W	3742	Stratovolcano	S0
1024	1201-05-	St. Helens	US-Washington	46.20	N	122.18	W	2549	Stratovolcano	S2
1025	1201-06-	West Crater	US-Washington	45.88	N	122.08	W	1329	Volcanic field	M0
1026	1201-07-	Indian Heaven	US-Washington	45.93	N	121.82	W	1806	Shield volcanoes	M0
1027	1202-01-	Hood	US-Oregon	45.374	N	121.695	W	3426	Stratovolcano	S0
1028	1202-02-	Jefferson	US-Oregon	44.674	N	121.800	W	3199	Stratovolcano	S0
1029	1202-03-	Blue Lake Crater	US-Oregon	44.411	N	121.774	W	1230	Maar	M0
1030	1202-04-	Sand Mountain Field	US-Oregon	44.38	N	121.93	W	1664	Cinder cones	M0
1031	1202-06-	Belknap	US-Oregon	44.285	N	121.841	W	2095	Shield volcanoes	M0
1032	1202-07-	North Sister Field	US-Oregon	44.17	N	121.77	W	3074	Complex volcano	M0
1033	1202-08-	South Sister	US-Oregon	44.103	N	121.768	W	3157	Complex volcano	S0
1034	1202-09-	Bachelor	US-Oregon	43.979	N	121.688	W	2763	Stratovolcano	S0
1035	1202-10-	Davis Lake	US-Oregon	43.57	N	121.82	W	2163	Volcanic field	M0
1036	1202-11-	Newberry	US-Oregon	43.722	N	121.229	W	2434	Shield volcano	S0
1037	1202-12-	Devils Garden	US-Oregon	43.512	N	120.861	W	1698	Volcanic field	M0
1038	1202-13-	Squaw Ridge Lava Field	US-Oregon	43.472	N	120.754	W	1711	Volcanic field	M0
1039	1202-14-	Four Craters Lava Field	US-Oregon	43.361	N	120.669	W	1501	Volcanic field	M0
1040	1202-15-	Cinnamon Butte	US-Oregon	43.241	N	122.108	W	1956	Cinder cones	M0
1041	1202-16-	Crater Lake	US-Oregon	42.93	N	122.12	W	2487	Caldera	S0
1042	1202-17-	Diamond Craters	US-Oregon	43.10	N	118.75	W	1435	Volcanic field	M0
1043	1202-19-	Jordan Craters	US-Oregon	43.147	N	117.460	W	1473	Volcanic field	M0
1044	1203-01-	Shasta	US-California	41.409	N	122.193	W	4317	Stratovolcano	S2
1045	1203-02-	Medicine Lake	US-California	41.611	N	121.554	W	2412	Shield volcano	S0
1046	1203-03-	Brushy Butte	US-California	41.178	N	121.443	W	1174	Shield volcano	M0
1047	1203-04-	Twin Buttes	US-California	40.777	N	121.591	W	1631	Cinder cones	M0
1048	1203-05-	Silver Lake	US-California	40.731	N	121.841	W	1535	Cinder cones	M0
1049	1203-06-	Tumble Buttes	US-California	40.68	N	121.55	W	2191	Cinder cones	M0
1050	1203-08-	Lassen Volc Center	US-California	40.492	N	121.508	W	3187	Stratovolcano	S2
1051	1203-09-	Eagle Lake Field	US-California	40.63	N	120.83	W	1652	Fissure vents	M0
1052	1203-10-	Clear Lake	US-California	38.97	N	122.77	W	1439	Volcanic field	S0
1053	1203-11-	Mono Lake Volc Field	US-California	38.00	N	119.03	W	2121	Cinder cones	S0
1054	1203-12-	Mono Craters	US-California	37.88	N	119.00	W	2796	Lava domes	S0
1055	1203-13-	Inyo Craters	US-California	37.692	N	119.02	W	2629	Lava domes	S0
1056	1203-15-	Mammoth Mountain	US-California	37.631	N	119.032	W	3369	Lava domes	S0
1057	1203-16-	Ubehebe Craters	US-California	37.02	N	117.45	W	752	Maars	M0
1058	1203-17-	Golden Trout Creek	US-California	36.358	N	118.32	W	2886	Volcanic field	M0
1059	1203-18-	Coso Volc Field	US-California	36.03	N	117.82	W	2400	Lava domes	S0
1060	1203-19-	Lavic Lake	US-California	34.75	N	116.625	W	1495	Volcanic field	M0
1061	1204-01-	Shoshone Lava Field	US-Idaho	43.18	N	114.35	W	1478	Shield volcano	M0
1062	1204-02-	Craters of the Moon	US-Idaho	43.42	N	113.50	W	2005	Cinder cones	M0
1063	1204-03-	Wapi Lava Field	US-Idaho	42.88	N	113.22	W	1604	Shield volcano	M0
1064	1204-04-	Hell's Half Acre	US-Idaho	43.50	N	112.45	W	1631	Shield volcano	M0
1065	1205-01-	Yellowstone	US-Wyoming	44.43	N	110.67	W	2805	Calderas	S0
1066	1206-01-	Soda Lakes	US-Nevada	39.53	N	118.87	W	1251	Maars	M0
1067	1207-01-	Santa Clara	US-Utah	37.257	N	113.625	W	1465	Volcanic field	M0
1068	1207-03-	Bald Knoll	US-Utah	37.328	N	112.408	W	2135	Cinder cones	M0
1069	1207-04-	Markagunt Plateau	US-Utah	37.58	N	112.67	W	2840	Volcanic field	M0
1070	1207-05-	Black Rock Desert	US-Utah	38.97	N	112.50	W	1800	Volcanic field	M0
1071	1208-01-	Dotsero	US-Colorado	39.661	N	107.035	W	2230	Maar	M0
1072	1209-01-	Uinkaret Field	US-Arizona	36.38	N	113.13	W	1555	Volcanic field	M0
1073	1209-02-	Sunset Crater	US-Arizona	35.37	N	111.50	W	2447	Cinder cone	M0
1074	1210-01-	Carrizozo	US-New Mexico	33.78	N	105.93	W	1731	Cinder cones	M0
1075	1210-02-	Zuni-Bandera	US-New Mexico	34.80	N	108.00	W	2550	Volcanic field	M0
1076	1301-01-	Endeavour Ridge	Pacific-NE	47.95	N	129.10	W	-2050	Submarine volcano	U0
1077	1301-011	Cobb Segment	Pacific-NE	46.88	N	129.33	W	-2100	Submarine volcano	U0
1078	1301-02-	CoAxial Segment	Pacific-NE	46.52	N	129.58	W	-2400	Submarine volcano	U0
1079	1301-021	Axial Seamount	Pacific-NE	45.95	N	130.00	W	-1410	Submarine volcano	U0
1080	1301-03-	Cleft Segment	Pacific-NE	44.83	N	130.30	W	-2140	Submarine volcano	U0
1081	1301-031	North Gorda Ridge	Pacific-NE	42.67	N	126.78	W	-3000	Submarine volcano	U0

## Volcanoes of the World with ESP, v 1.2.xls

1	A	E	F	H	I	K	L	M	N	P
NUMBER	NAME	LOCATION	LATITUDE	NS	LONGITUDE	EW	ELEV	TYPE	ERUPTION TYPE	
1082	1301-04-	Escanaba Segment	Pacific-NE	40.98	N	127.50	W	-1700	Submarine volcano	U0
1083	1301-05-	Unnamed	Pacific-NE	31.75	N	124.25	W	-2533	Submarine volcano ?	U0
1084	1302-00-	Loihi	Hawaiian Is	18.92	N	155.27	W	-975	Submarine volcano	U0
1085	1302-01-	Kilauea	Hawaiian Is	19.421	N	155.287	W	1222	Shield volcano	M1
1086	1302-02=	Mauna Loa	Hawaiian Is	19.475	N	155.608	W	4170	Shield volcano	M1
1087	1302-03-	Mauna Kea	Hawaiian Is	19.82	N	155.47	W	4205	Shield volcano	M0
1088	1302-04-	Hualalai	Hawaiian Is	19.692	N	155.87	W	2523	Shield volcano	M0
1089	1302-06-	Haleakala	Hawaiian Is	20.708	N	156.25	W	3055	Shield volcano	M0
1090	1302-08-	Unnamed	Hawaiian Is	21.75	N	158.75	W	-3000	Submarine volcano ?	U0
1091	1302-09-	Unnamed	Hawaiian Is	23.58	N	163.83	W	-4000	Submarine volcano	U0
1092	1303-01-	Teahitia	Society Is-C Pacific	17.57	S	148.85	W	-1400	Submarine volcano	U0
1093	1303-02-	Rocard	Society Is-C Pacific	17.642	S	148.60	W	-2100	Submarine volcano	U0
1094	1303-03-	Moua Pihaa	Society Is-C Pacific	18.32	S	148.67	W	-160	Submarine volcano	U0
1095	1303-04-	Mehetia	Society Is-C Pacific	17.87	S	148.07	W	435	Stratovolcano	U0
1096	1303-05-	Adams Seamount	Pacific-C	25.37	S	129.27	W	-39	Submarine volcano	U0
1097	1303-06-	Macdonald	Austral Is-C Pacific	28.98	S	140.25	W	-39	Submarine volcano	S0
1098	1304-02-	Northern EPR-Segment RO2	Pacific-E	16.55	N	105.32	W	-2700	Submarine volcano	U0
1099	1304-021	Northern EPR-Segment RO3	Pacific-E	15.83	N	105.43	W	-2300	Submarine volcano	U0
1100	1304-04-	Unnamed	Pacific-E	10.73	N	103.58	W		Submarine volcano	U0
1101	1304-05-	Unnamed	Pacific-E	9.83	N	104.30	W	-2500	Submarine volcano	U0
1102	1304-07-	Galapagos Rift	Pacific-E	0.792	N	86.15	W	-2430	Submarine volcano	U0
1103	1304-10-	Unnamed	Pacific-E	8.27	S	107.95	W	-2800	Submarine volcano	U0
1104	1304-12-	Southern EPR-Segment K	Pacific-E	17.436	S	113.206	W	-2566	Submarine volcano	U0
1105	1304-13-	Southern EPR-Segment J	Pacific-E	18.175	S	113.35	W	-2650	Submarine volcano	U0
1106	1304-14-	Southern EPR-Segment I	Pacific-E	18.53	S	113.42	W	-2600	Submarine volcano	U0
1107	1305-01-	Antipodes Island	Pacific-S	49.68	S	178.77	E	402	Pyroclastic cones	U0
1108	1305-02-	Unnamed	Pacific-S	53.90	S	140.30	W	-1000	Submarine volcano	U0
1109	1305-03-	Unnamed	Pacific-S	55.97	S	143.17	W		Submarine volcano	U0
1110	1401-00-	Prieto, Cerro	México	32.418	N	115.305	W	223	Lava dome	M0
1111	1401-001	Pinacate	México	31.772	N	113.498	W	1200	Cinder cones	M0
1112	1401-002	San Quintín Volc Field	México	30.468	N	115.996	W	260	Cinder cones	M0
1113	1401-003	San Luis, Isla	México	29.97	N	114.40	W	180	Tuff cone	M0
1114	1401-004	Jaraguay Volc Field	México	29.33	N	114.50	W	960	Cinder cones	M0
1115	1401-005	Coronado	México	29.08	N	113.513	W	440	Stratovolcano	S0
1116	1401-006	Guadalupe	México	29.07	N	118.28	W	1100	Shield volcano	S0
1117	1401-007	San Borja Volc Field	México	28.50	N	113.75	W	1360	Cinder cones	M0
1118	1401-008	Unnamed	México	28.00	N	115.00	W		Submarine volcano ?	U0
1119	1401-011	Tortuga, Isla	México	27.43	N	111.88	W	210	Shield volcano	M0
1120	1401-012	Comondú-La Purísima	México	26.00	N	111.92	W	780	Volcanic field	S0
1121	1401-01=	Tres Vírgenes	México	27.470	N	112.591	W	1940	Stratovolcanoes	S0
1122	1401-021	Socorro	México-Is	18.78	N	110.95	W	1050	Shield volcano	M0
1123	1401-022	Durango Volc Field	México	24.15	N	104.45	W	2075	Cinder cones	M0
1124	1401-023	Sangangüey	México	21.45	N	104.73	W	2340	Stratovolcano	S0
1125	1401-02=	Bárcena	México-Is	19.30	N	110.82	W	332	Cinder cones	M0
1126	1401-031	Mascota Volc Field	México	20.62	N	104.83	W	2560	Cinder cones	M0
1127	1401-03=	Ceboruco	México	21.125	N	104.508	W	2280	Stratovolcano	S2
1128	1401-04=	Colima	México	19.514	N	103.62	W	3850	Stratovolcanoes	S0
1129	1401-061	Zitácuaro-Valle de Bravo	México	19.40	N	100.25	W	3500	Caldera	M0
1130	1401-062	Jocotitlán	México	19.73	N	99.758	W	3900	Stratovolcano	S0
1131	1401-06=	Michoacán-Guanajuato	México	19.85	N	101.75	W	3860	Cinder cones	M2
1132	1401-07-	Toluca, Nevado de	México	19.108	N	99.758	W	4680	Stratovolcano	S2
1133	1401-081	Papayo	México	19.308	N	98.70	W	3600	Lava dome	S0
1134	1401-082	Iztaccihuatl	México	19.179	N	98.642	W	5230	Stratovolcano	S0
1135	1401-08=	Chichinautzin	México	19.08	N	99.13	W	3930	Volcanic field	M0
1136	1401-091	Malinche, La	México	19.231	N	98.032	W	4461	Stratovolcano	S0
1137	1401-092	Serdán-Oriental	México	19.27	N	97.47	W	3485	Tuff cones	S0
1138	1401-093	Humeros, Los	México	19.68	N	97.45	W	3150	Calderas	S0
1139	1401-094	Atlixos, Los	México	19.809	N	96.526	W	800	Shield volcano	M0
1140	1401-095	Naolinco Volc Field	México	19.67	N	96.75	W	2000	Pyroclastic cones	M0
1141	1401-096	Cofre de Perote	México	19.492	N	97.15	W	4282	Shield volcanoes	M0
1142	1401-097	Gloria, La	México	19.33	N	97.25	W	3500	Volcanic field	M0
1143	1401-098	Cumbres, Las	México	19.15	N	97.27	W	3940	Stratovolcano	S0
1144	1401-09=	Popocatepetl	México	19.023	N	98.622	W	5426	Stratovolcanoes	S1
1145	1401-10=	Orizaba, Pico de	México	19.030	N	97.268	W	5675	Stratovolcano	S0
1146	1401-11=	San Martín	México	18.57	N	95.20	W	1650	Shield volcano	M0
1147	1401-12=	Chichón, El	México	17.360	N	93.228	W	1150	Lava domes	S0
1148	1401-13=	Tacaná	México	15.130	N	92.112	W	4060	Stratovolcano	S0
1149	1402-02=	Tajumulco	Guatemala	15.034	N	91.903	W	4220	Stratovolcano	S0
1150	1402-03=	Santa María	Guatemala	14.756	N	91.552	W	3772	Stratovolcano	S9
1151	1402-04=	Almolonga	Guatemala	14.82	N	91.48	W	3197	Stratovolcano	S0
1152	1402-06=	Atitlán	Guatemala	14.583	N	91.186	W	3535	Stratovolcano	S1
1153	1402-07=	Tolimán	Guatemala	14.612	N	91.189	W	3158	Stratovolcano	M0
1154	1402-08=	Acatenango	Guatemala	14.501	N	90.876	W	3976	Stratovolcano	S1
1155	1402-09=	Fuego	Guatemala	14.473	N	90.880	W	3763	Stratovolcano	M2
1156	1402-10=	Agua	Guatemala	14.465	N	90.743	W	3760	Stratovolcano	S0
1157	1402-111	Cuilapa-Barbarena	Guatemala	14.33	N	90.40	W	1454	Volcanic field	S0
1158	1402-11=	Pacaya	Guatemala	14.381	N	90.601	W	2552	Complex volcano	M1
1159	1402-121	Jumaytepeque	Guatemala	14.336	N	90.269	W	1815	Stratovolcano	S0
1160	1402-12=	Tecuamburro	Guatemala	14.156	N	90.407	W	1845	Stratovolcano	S0
1161	1402-13-	Moyuta	Guatemala	14.03	N	90.10	W	1662	Stratovolcano	S0
1162	1402-14-	Flores	Guatemala	14.308	N	89.992	W	1600	Volcanic field	M0
1163	1402-141	Tahual	Guatemala	14.43	N	89.90	W	1716	Stratovolcano	S0
1164	1402-15-	Santiago, Cerro	Guatemala	14.33	N	89.87	W	1192	Volcanic field	M0
1165	1402-16-	Suchitán	Guatemala	14.40	N	89.78	W	2042	Stratovolcanoes	S0
1166	1402-17-	Chingo	Guatemala	14.12	N	89.73	W	1775	Stratovolcano	S0
1167	1402-18-	Ixtepeque	Guatemala	14.42	N	89.68	W	1292	Lava domes	S0
1168	1402-19-	Ipala	Guatemala	14.55	N	89.63	W	1650	Stratovolcano	M0
1169	1402-20-	Chiquimula Volc Field	Guatemala	14.83	N	89.55	W	1192	Cinder cones	M0
1170	1402-21-	Quezaltepeque	Guatemala	14.57	N	89.45	W	1200	Volcanic field	M0
1171	1403-001	San Diego	El Salvador	14.27	N	89.48	W	781	Volcanic field	M0

1	A	E	F	H	I	K	L	M	N	P
	NUMBER	NAME	LOCATION	LATITUDE	NS	LONGITUDE	EW	ELEV	TYPE	ERUPTION TYPE
1172	1403-002	Singüil, Cerro	El Salvador	14.05	N	89.65	W	957	Cinder cones	M0
1173	1403-01=	Apaneca Range	El Salvador	13.891	N	89.786	W	2036	Stratovolcanoes	M0
1174	1403-02=	Santa Ana	El Salvador	13.853	N	89.630	W	2381	Stratovolcano	M2
1175	1403-03=	Izalco	El Salvador	13.813	N	89.633	W	1950	Stratovolcano	M1
1176	1403-041	Coatepeque Caldera	El Salvador	13.87	N	89.55	W	746	Caldera	S0
1177	1403-051	Cinotepeque, Cerro	El Salvador	14.02	N	89.25	W	665	Volcanic field	M0
1178	1403-052	Guazapa	El Salvador	13.90	N	89.12	W	1438	Stratovolcano	M0
1179	1403-05=	San Salvador	El Salvador	13.734	N	89.294	W	1893	Stratovolcano	M2
1180	1403-06=	Ilopango	El Salvador	13.672	N	89.053	W	450	Caldera	S0
1181	1403-071	Apastepeque Field	El Salvador	13.72	N	88.77	W	700	Volcanic field	M0
1182	1403-072	Taburete	El Salvador	13.435	N	88.532	W	1172	Stratovolcano	M0
1183	1403-07=	San Vicente	El Salvador	13.595	N	88.837	W	2182	Stratovolcano	S0
1184	1403-081	Usulután	El Salvador	13.419	N	88.471	W	1449	Stratovolcano	M0
1185	1403-082	Tigre, El	El Salvador	13.47	N	88.43	W	1640	Stratovolcano	M0
1186	1403-08=	Tecapa	El Salvador	13.494	N	88.502	W	1593	Stratovolcano	S0
1187	1403-09=	Chinameca	El Salvador	13.478	N	88.330	W	1300	Stratovolcano	S0
1188	1403-101	Aramuaca, Laguna	El Salvador	13.428	N	88.105	W	181	Maar	M0
1189	1403-10=	San Miguel	El Salvador	13.434	N	88.269	W	2130	Stratovolcano	S1
1190	1403-11=	Conchaagua	El Salvador	13.275	N	87.845	W	1225	Stratovolcano	S0
1191	1403-12=	Conchagüita	El Salvador	13.229	N	87.767	W	505	Stratovolcano	M0
1192	1403-13=	Tigre, Isla el	Honduras	13.272	N	87.641	W	783	Stratovolcano	M0
1193	1403-14=	Zacate Grande, Isla	Honduras	13.33	N	87.63	W	640	Stratovolcano	M0
1194	1403-15=	Yojoa, Lake	Honduras	14.98	N	87.98	W	1090	Volcanic field	M0
1195	1403-16=	Utila Island	Honduras	16.10	N	86.90	W	74	Pyroclastic cones	M0
1196	1404-01=	Cosigüina	Nicaragua	12.98	N	87.57	W	872	Stratovolcano	S2
1197	1404-02=	San Cristóbal	Nicaragua	12.702	N	87.004	W	1745	Stratovolcano	S1
1198	1404-04=	Telica	Nicaragua	12.602	N	86.845	W	1061	Stratovolcanoes	S1
1199	1404-06=	Rota	Nicaragua	12.55	N	86.75	W	832	Stratovolcano	S1
1200	1404-07=	Negro, Cerro	Nicaragua	12.506	N	86.702	W	728	Cinder cones	M2
1201	1404-08=	Pilas, Las	Nicaragua	12.495	N	86.688	W	1088	Complex volcano	M0
1202	1404-091	Apoyeque	Nicaragua	12.242	N	86.342	W	518	Pyroclastic shield	S0
1203	1404-092	Nejapa-Miraflores	Nicaragua	12.12	N	86.32	W	360	Fissure vents	M0
1204	1404-09=	Momotombo	Nicaragua	12.422	N	86.540	W	1297	Stratovolcano	M2
1205	1404-101	Granada	Nicaragua	11.92	N	85.98	W	300	Fissure vents	M0
1206	1404-10=	Masaya	Nicaragua	11.984	N	86.161	W	635	Caldera	M1
1207	1404-111	Zapatera	Nicaragua	11.73	N	85.82	W	629	Shield volcano	M0
1208	1404-11=	Mombacho	Nicaragua	11.826	N	85.968	W	1344	Stratovolcano	S0
1209	1404-12=	Concepción	Nicaragua	11.538	N	85.622	W	1700	Stratovolcano	S1
1210	1404-13=	Maderas	Nicaragua	11.446	N	85.515	W	1394	Stratovolcano	S0
1211	1404-131	Estelí	Nicaragua	13.17	N	86.40	W	899	Fissure vents	M0
1212	1404-132	Ciguatepe, Cerro el	Nicaragua	12.53	N	86.142	W	603	Stratovolcano	M0
1213	1404-133	Lajas, Las	Nicaragua	12.30	N	85.73	W	926	Shield volcano	M0
1214	1404-14=	Azul, Volcán	Nicaragua	12.53	N	83.87	W	201	Cinder cones	M0
1215	1405-01=	Orosí	Costa Rica	10.980	N	85.473	W	1659	Stratovolcanoes	S0
1216	1405-02=	Rincón de la Vieja	Costa Rica	10.830	N	85.324	W	1916	Complex volcano	S2
1217	1405-031	Tenorio	Costa Rica	10.673	N	85.015	W	1916	Stratovolcanoes	S0
1218	1405-033	Arenal	Costa Rica	10.463	N	84.703	W	1670	Stratovolcano	S1
1219	1405-034	Platanar	Costa Rica	10.30	N	84.366	W	2267	Stratovolcanoes	S0
1220	1405-03=	Miravalles	Costa Rica	10.748	N	85.153	W	2028	Stratovolcano	S0
1221	1405-04=	Poás	Costa Rica	10.20	N	84.233	W	2708	Stratovolcano	S1
1222	1405-05=	Barva	Costa Rica	10.135	N	84.10	W	2906	Complex volcano	S0
1223	1405-06=	Irazú	Costa Rica	9.979	N	83.852	W	3432	Stratovolcano	S1
1224	1405-07=	Turrialba	Costa Rica	10.025	N	83.767	W	3340	Stratovolcano	S1
1225	1406-01=	Barú	Panamá	8.808	N	82.543	W	3474	Stratovolcano	S0
1226	1406-02=	Yeguada, La	Panamá	8.47	N	80.82	W	1297	Stratovolcano	M0
1227	1406-03=	Valle, El	Panamá	8.58	N	80.17	W	1185	Stratovolcano	S0
1228	1501-011	Romeral	Colombia	5.206	N	75.364	W	3858	Stratovolcano	S0
1229	1501-012	Bravo, Cerro	Colombia	5.092	N	75.30	W	4000	Stratovolcano	S0
1230	1501-021	Santa Isabel	Colombia	4.82	N	75.37	W	4950	Shield volcano	S0
1231	1501-02=	Ruiz, Nevado del	Colombia	4.895	N	75.322	W	5321	Stratovolcano	S1
1232	1501-03=	Tolima, Nevado del	Colombia	4.67	N	75.33	W	5200	Stratovolcano	S2
1233	1501-04=	Machín	Colombia	4.48	N	75.392	W	2650	Stratovolcano	S0
1234	1501-05=	Huila, Nevado del	Colombia	2.93	N	76.03	W	5364	Stratovolcano	S1
1235	1501-061	Sotará	Colombia	2.108	N	76.592	W	4400	Stratovolcano	S0
1236	1501-062	Petacas	Colombia	1.57	N	76.78	W	4054	Lava dome	S0
1237	1501-06=	Puracé	Colombia	2.32	N	76.40	W	4650	Stratovolcanoes	S1
1238	1501-07=	Doña Juana	Colombia	1.47	N	76.92	W	4150	Stratovolcano	S2
1239	1501-08=	Galeras	Colombia	1.22	N	77.37	W	4276	Complex volcano	S1
1240	1501-09=	Azufra	Colombia	1.08	N	77.68	W	4070	Stratovolcano	S0
1241	1501-10=	Cumbal	Colombia	0.95	N	77.87	W	4764	Stratovolcano	S1
1242	1501-11=	Negro de Mayasquer, Cerro	Colombia	0.828	N	77.964	W	4445	Stratovolcano	S0
1243	1502-001	Soche	Ecuador	0.552	N	77.580	W	3955	Stratovolcano	S0
1244	1502-002	Chachimburo	Ecuador	0.468	N	78.287	W	4106	Stratovolcano	S0
1245	1502-003	Cuicocha	Ecuador	0.308	N	78.364	W	3246	Caldera	S0
1246	1502-004	Imbabura	Ecuador	0.258	N	78.183	W	4609	Compound volcano	S0
1247	1502-005	Mojanda	Ecuador	0.13	N	78.27	W	4263	Stratovolcanoes	S2
1248	1502-006	Cayambe	Ecuador	0.029	N	77.986	W	5790	Compound volcano	S0
1249	1502-011	Pululagua	Ecuador	0.038	N	78.463	W	3356	Caldera	S0
1250	1502-01=	Reventador	Ecuador	0.077	S	77.656	W	3562	Stratovolcano	S2
1251	1502-021	Atacazo	Ecuador	0.353	S	78.617	W	4463	Stratovolcano	S0
1252	1502-022	Chacana	Ecuador	0.375	S	78.25	W	4643	Caldera	S0
1253	1502-02=	Guagua Pichincha	Ecuador	0.171	S	78.598	W	4784	Stratovolcano	S1
1254	1502-03=	Antisana	Ecuador	0.481	S	78.141	W	5753	Stratovolcano	S2
1255	1502-041	Illiniza	Ecuador	0.659	S	78.714	W	5248	Stratovolcano	S0
1256	1502-04=	Sumaco	Ecuador	0.538	S	77.626	W	3990	Stratovolcano	S0
1257	1502-05=	Cotopaxi	Ecuador	0.677	S	78.436	W	5911	Stratovolcano	S2
1258	1502-06=	Quilotoa	Ecuador	0.85	S	78.90	W	3914	Caldera	S0
1259	1502-071	Chimborazo	Ecuador	1.464	S	78.815	W	6310	Stratovolcano	S0
1260	1502-081	Licto	Ecuador	1.780	S	78.613	W	3336	Scoria cones	M0
1261	1502-08=	Tungurahua	Ecuador	1.467	S	78.442	W	5023	Stratovolcano	S1

	A	E	F	H	I	K	L	M	N	P
1	NUMBER	NAME	LOCATION	LATITUDE	NS	LONGITUDE	EW	ELEV	TYPE	ERUPTION TYPE
1262	1502-09=	Sangay	Ecuador	2.002	S	78.341	W	5230	Stratovolcano	S9
1263	1503-011	Ecuador	Galápagos	0.02	S	91.546	W	790	Shield volcano	M0
1264	1503-01=	Fernandina	Galápagos	0.37	S	91.55	W	1476	Shield volcano	M0
1265	1503-02=	Wolf	Galápagos	0.02	N	91.35	W	1710	Shield volcano	M0
1266	1503-03=	Darwin	Galápagos	0.18	S	91.28	W	1330	Shield volcano	M0
1267	1503-04=	Alcedo	Galápagos	0.43	S	91.12	W	1130	Shield volcano	S0
1268	1503-05=	Negra, Sierra	Galápagos	0.83	S	91.17	W	1124	Shield volcano	M0
1269	1503-06=	Azul, Cerro	Galápagos	0.92	S	91.408	W	1640	Shield volcano	M0
1270	1503-07=	Pinta	Galápagos	0.58	N	90.75	W	780	Shield volcano	M0
1271	1503-081	Genovesa	Galápagos	0.32	N	89.958	W	64	Shield volcano	M0
1272	1503-08=	Marchena	Galápagos	0.33	N	90.47	W	343	Shield volcano	M0
1273	1503-091	Santa Cruz	Galápagos	0.62	S	90.33	W	864	Shield volcano	M0
1274	1503-09=	Santiago	Galápagos	0.22	S	90.77	W	920	Shield volcano	M0
1275	1503-12=	San Cristóbal	Galápagos	0.88	S	89.50	W	759	Shield volcano	M0
1276	1504-00=	Quimsachata	Perú	14.20	S	71.33	W	3923	Lava dome	S0
1277	1504-001	Auquihuato, Cerro	Perú	15.07	S	73.18	W	4980	Cinder cone	M0
1278	1504-002	Sara Sara	Perú	15.33	S	73.45	W	5522	Stratovolcano	S0
1279	1504-003	Coropuna	Perú	15.52	S	72.65	W	6377	Stratovolcano	S0
1280	1504-004	Andahua-Orcopampa	Perú	15.42	S	72.33	W	4713	Cinder cones	M0
1281	1504-005	Huambo	Perú	15.83	S	72.13	W	4550	Volcanic field	S0
1282	1504-006	Sabancaya	Perú	15.78	S	71.85	W	5967	Stratovolcanoes	S0
1283	1504-007	Chachani, Nevado	Perú	16.191	S	71.530	W	6057	Stratovolcano	S0
1284	1504-008	Nicholson, Cerro	Perú	16.261	S	71.730	W	2520	Cinder cone	M0
1285	1504-01=	Misti, El	Perú	16.294	S	71.409	W	5822	Stratovolcano	S0
1286	1504-02=	Ubinas	Perú	16.355	S	70.903	W	5672	Stratovolcano	S1
1287	1504-031	Ticsani	Perú	16.755	S	70.595	W	5408	Lava domes	S0
1288	1504-03=	Huaynaputina	Perú	16.608	S	70.85	W	4850	Stratovolcano	S3
1289	1504-04=	Tutupaca	Perú	17.025	S	70.358	W	5815	Stratovolcano	S0
1290	1504-05=	Yucamane	Perú	17.18	S	70.20	W	5550	Stratovolcanoes	S0
1291	1504-06=	Casiri, Nevados	Perú	17.47	S	69.813	W	5650	Stratovolcanoes	S0
1292	1505-011	Taapaca	Chile-N	18.10	S	69.50	W	5860	Complex volcano	S0
1293	1505-012	Parinacota	Chile-N	18.17	S	69.15	W	6348	Stratovolcano	S0
1294	1505-01=	Tacora	Chile-N	17.72	S	69.77	W	5980	Stratovolcano	S0
1295	1505-021	Tambo Quemado	Bolivia	18.62	S	68.75	W	4215	Pyroclastic shield	S0
1296	1505-02=	Gualatiri	Chile-N	18.42	S	69.092	W	6071	Stratovolcano	S1
1297	1505-032	Tata Sabaya	Bolivia	19.13	S	68.53	W	5430	Stratovolcano	S0
1298	1505-035	Jayu Khota, Laguna	Bolivia	19.45	S	67.42	W	3650	Maars	S0
1299	1505-036	Nuevo Mundo	Bolivia	19.78	S	66.48	W	5438	Lava domes	S0
1300	1505-03=	Isluga	Chile-N	19.15	S	68.83	W	5550	Stratovolcano	S1
1301	1505-042	Pampa Luxsar	Bolivia	20.85	S	68.20	W	5543	Volcanic field	S0
1302	1505-04=	Irruputuncu	Chile-N	20.73	S	68.55	W	5163	Stratovolcano	S0
1303	1505-05=	Olca-Paruma	Chile-N	20.93	S	68.48	W	5407	Stratovolcanoes	S0
1304	1505-061	Azufre, Cerro del	Chile-N	21.787	S	68.237	W	5846	Stratovolcano	S0
1305	1505-06=	Ollagüe	Chile-N	21.30	S	68.18	W	5868	Stratovolcano	S0
1306	1505-07=	San Pedro	Chile-N	21.88	S	68.40	W	6145	Stratovolcanoes	S1
1307	1505-091	Sairecabur	Chile-N	22.72	S	67.892	W	5971	Stratovolcanoes	S0
1308	1505-092	Licancabur	Chile-N	22.83	S	67.88	W	5916	Stratovolcano	S0
1309	1505-093	Guayaques	Chile-N	22.895	S	67.566	W	5598	Lava domes	S0
1310	1505-094	Purico Complex	Chile-N	23.00	S	67.75	W	5703	Pyroclastic shield	S0
1311	1505-095	Colachi	Chile-N	23.236	S	67.645	W	5631	Stratovolcano	S0
1312	1505-096	Acamarachi	Chile-N	23.30	S	67.62	W	6046	Stratovolcano	S0
1313	1505-097	Overo, Cerro	Chile-N	23.52	S	67.67	W	4555	Maar	S0
1314	1505-098	Chiliques	Chile-N	23.58	S	67.70	W	5778	Stratovolcano	S0
1315	1505-09=	Putana	Chile-N	22.55	S	67.85	W	5890	Stratovolcano	S0
1316	1505-101	Cordón de Puntas Negras	Chile-N	23.743	S	67.534	W	5852	Stratovolcanoes	S0
1317	1505-102	Míñiques	Chile-N	23.82	S	67.77	W	5910	Stratovolcanoes	S0
1318	1505-103	Tujle, Cerro	Chile-N	23.83	S	67.95	W	3550	Maar	M0
1319	1505-104	Caichinque	Chile-N	23.95	S	67.73	W	4450	Stratovolcanoes	S0
1320	1505-105	Tilocalar	Chile-N	23.97	S	68.13	W	3116	Stratovolcanoes	S0
1321	1505-106	Negrillar, El	Chile-N	24.18	S	68.25	W	3500	Pyroclastic cones	M0
1322	1505-107	Pular	Chile-N	24.188	S	68.054	W	6233	Stratovolcanoes	S0
1323	1505-108	Negrillar, La	Chile-N	24.28	S	68.60	W	4109	Pyroclastic cones	M0
1324	1505-109	Socompa	Chile-N	24.40	S	68.25	W	6051	Stratovolcano	S0
1325	1505-10=	Láscar	Chile-N	23.37	S	67.73	W	5592	Stratovolcanoes	S2
1326	1505-112	Escoorial, Cerro	Chile-N	25.08	S	68.37	W	5447	Stratovolcano	S0
1327	1505-11=	Liullaillaco	Chile-N	24.72	S	68.53	W	6739	Stratovolcano	S0
1328	1505-121	Cordón del Azufre	Chile-N	25.33	S	68.52	W	5463	Complex volcano	S0
1329	1505-122	Bayo, Cerro	Chile-N	25.42	S	68.58	W	5401	Complex volcano	S0
1330	1505-123	Nevada, Sierra	Chile-N	26.48	S	68.58	W	6127	Complex volcano	S0
1331	1505-124	Falso Azufre	Chile-N	26.80	S	68.37	W	5890	Complex volcano	S0
1332	1505-125	Inchahuasi, Nevado de	Chile-N	27.042	S	68.28	W	6621	Stratovolcanoes	S0
1333	1505-12=	Lastarria	Chile-N	25.17	S	68.50	W	5697	Stratovolcano	S0
1334	1505-131	Solo, El	Chile-N	27.108	S	68.72	W	6190	Stratovolcano	S0
1335	1505-13=	Ojos del Salado, Nevados	Chile-N	27.12	S	68.55	W	6887	Stratovolcano	S0
1336	1505-14=	Copiapó	Chile-N	27.30	S	69.13	W	6052	Stratovolcano	S0
1337	1505-15=	Tuzgle, Cerro	Argentina	24.05	S	66.48	W	5500	Stratovolcano	S0
1338	1505-16=	Aracar	Argentina	24.25	S	67.77	W	6082	Stratovolcano	S0
1339	1505-161	Unnamed	Argentina	25.10	S	68.27	W		Pyroclastic cone	M0
1340	1505-18=	Antofagasta de la Sierra	Argentina	26.08	S	67.50	W	4000	Scoria cones	M0
1341	1505-19=	Cóndor, Cerro el	Argentina	26.62	S	68.35	W	6532	Stratovolcano	S0
1342	1505-20=	Peinado	Argentina	26.62	S	68.15	W	5740	Stratovolcano	S0
1343	1505-21=	Robledo	Argentina	26.77	S	67.72	W	4400	Caldera	S0
1344	1505-22=	Tipas	Argentina	27.20	S	68.55	W	6660	Complex volcano	S0
1345	1506-011	Easter Island	Chile-Is	27.15	S	109.38	W	511	Shield volcanoes	M0
1346	1506-01=	San Félix	Chile-Is	26.28	S	80.12	W	193	Shield volcano	M0
1347	1506-02=	Robinson Crusoe	Chile-Is	33.658	S	78.85	W	922	Shield volcanoes	M0
1348	1506-04=	Unnamed	Chile-Is	33.62	S	76.83	W	-642	Submarine volcano	U0
1349	1507-01=	Tupungatito	Chile-C	33.40	S	69.80	W	6000	Stratovolcano	S1
1350	1507-021	Maipo	Chile-C	34.161	S	69.833	W	5264	Caldera	S1
1351	1507-022	Palomo	Chile-C	34.608	S	70.295	W	4860	Stratovolcano	S0

## Volcanoes of the World with ESP, v 1.2.xls

1	A	E	F	H	I	K	L	M	N	P
NUMBER	NAME		LOCATION	LATITUDE	NS	LONGITUDE	EW	ELEV	TYPE	ERUPTION TYPE
1352	1507-023	Atuel, Caldera del	Argentina	34.65	S	70.05	W	5189	Caldera	S0
1353	1507-024	Risco Plateado	Argentina	34.93	S	70.00	W	4999	Stratovolcano	S0
1354	1507-02=	San José	Chile-C	33.782	S	69.897	W	5856	Stratovolcano	S1
1355	1507-03=	Tinguiririca	Chile-C	34.814	S	70.352	W	4280	Stratovolcano	S0
1356	1507-042	Calabozos	Chile-C	35.558	S	70.496	W	3508	Caldera	S0
1357	1507-04=	Planchón-Peteroa	Chile-C	35.240	S	70.570	W	4107	Stratovolcanoes	S1
1358	1507-05=	Descabezado Grande	Chile-C	35.58	S	70.75	W	3953	Stratovolcanoes	S0
1359	1507-061	Maule, Laguna del	Chile-C	36.02	S	70.58	W	3092	Caldera	S0
1360	1507-062	San Pedro-Pellado	Chile-C	35.989	S	70.849	W	3621	Stratovolcanoes	S0
1361	1507-063	Longaví, Nevado de	Chile-C	36.193	S	71.161	W	3242	Stratovolcano	S0
1362	1507-064	Blancas, Lomas	Chile-C	36.286	S	71.009	W	2268	Stratovolcano	S0
1363	1507-065	Resago	Chile-C	36.45	S	70.92	W	1890	Cinder cone	M0
1364	1507-066	Payún Matru	Argentina	36.42	S	69.20	W	3680	Shield volcano	M0
1365	1507-067	Domuyo	Argentina	36.58	S	70.42	W	4709	Stratovolcano	S0
1366	1507-06=	Azul, Cerro	Chile-C	35.653	S	70.761	W	3788	Stratovolcano	S2
1367	1507-071	Cochiquito Volc Group	Argentina	36.77	S	69.82	W	1435	Stratovolcanoes	S0
1368	1507-072	Tromen	Argentina	37.142	S	70.03	W	3978	Stratovolcanoes	S0
1369	1507-073	Puesto Cortaderas	Argentina	37.57	S	69.62	W	970	Pyroclastic cone	M0
1370	1507-07=	Chillán, Nevados de	Chile-C	36.863	S	71.377	W	3212	Stratovolcano	S1
1371	1507-081	Trocon	Argentina	37.73	S	70.90	W	2500	Lava domes	S0
1372	1507-08=	Antuco	Chile-C	37.406	S	71.349	W	2979	Stratovolcano	S1
1373	1507-091	Callaqui	Chile-C	37.92	S	71.45	W	3164	Stratovolcano	S1
1374	1507-092	Mariñaqui, Laguna	Chile-C	38.27	S	71.10	W	2143	Cinder cones	M0
1375	1507-093	Tolguaca	Chile-C	38.310	S	71.645	W	2806	Stratovolcano	S0
1376	1507-09=	Copahue	Chile-C	37.85	S	71.17	W	2997	Stratovolcano	S1
1377	1507-10=	Lonquimay	Chile-C	38.377	S	71.58	W	2865	Stratovolcano	S2
1378	1507-111	Sollipulli	Chile-C	38.97	S	71.52	W	2282	Caldera	S0
1379	1507-112	Caburgua-Huelemolle	Chile-C	39.25	S	71.70	W	1496	Cinder cones	M0
1380	1507-11=	Llaima	Chile-C	38.692	S	71.729	W	3125	Stratovolcano	S1
1381	1507-121	Quetrupillan	Chile-C	39.50	S	71.70	W	2360	Stratovolcano	S0
1382	1507-122	Lanin	Chile-C	39.633	S	71.500	W	3747	Stratovolcano	S0
1383	1507-123	Huanquihue Group	Argentina	39.88	S	71.58	W	2139	Stratovolcanoes	S0
1384	1507-12=	Villarrica	Chile-C	39.42	S	71.93	W	2847	Stratovolcano	S1
1385	1507-13=	Mocho-Choshuenco	Chile-C	39.927	S	72.027	W	2422	Stratovolcanoes	S0
1386	1507-14=	Carrán-Los Venados	Chile-C	40.35	S	72.07	W	1114	Pyroclastic cones	M2
1387	1507-152	Pantoja, Cerro	Chile-C	40.77	S	71.95	W	2024	Stratovolcano	S0
1388	1507-153	Antillanca Group	Chile-C	40.771	S	72.153	W	1990	Stratovolcanoes	S0
1389	1507-15=	Puyehue-Cordón Caulle	Chile-C	40.590	S	72.117	W	2236	Stratovolcano	S0
1390	1507-16=	Puntiagudo-Cordón Cenizos	Chile-C	40.969	S	72.264	W	2493	Stratovolcano	S0
1391	1508-011	Tronador	Chile-S	41.157	S	71.885	W	3491	Stratovolcano	S0
1392	1508-012	Cayutué-La Viguera	Chile-S	41.25	S	72.27	W	506	Pyroclastic cones	M0
1393	1508-01=	Osorno	Chile-S	41.10	S	72.493	W	2652	Stratovolcano	S1
1394	1508-021	Cuernos del Diablo	Chile-S	41.40	S	72.00	W	1862	Stratovolcano	S0
1395	1508-022	Yate	Chile-S	41.755	S	72.396	W	2187	Stratovolcano	S0
1396	1508-023	Hornopirén	Chile-S	41.874	S	72.431	W	1572	Stratovolcano	S0
1397	1508-024	Apagado	Chile-S	41.88	S	72.58	W	1210	Pyroclastic cone	S0
1398	1508-025	Crater Basalt Volc Field	Chile-S/Argentina	42.02	S	70.18	W	1359	Cinder cones	M0
1399	1508-02=	Calbuco	Chile-S	41.326	S	72.614	W	2003	Stratovolcano	S2
1400	1508-03=	Huequi	Chile-S	42.377	S	72.578	W	1318	Stratovolcano	S1
1401	1508-041	Chaitén	Chile-S	42.833	S	72.646	W	1122	Caldera	S2
1402	1508-04=	Minchinmávida	Chile-S	42.793	S	72.439	W	2404	Stratovolcano	S1
1403	1508-050	Yanteles	Chile-S	43.50	S	72.80	W	2042	Stratovolcanoes	S0
1404	1508-051	Palena Volc Group	Chile-S	43.78	S	72.47	W		Cinder cones	M0
1405	1508-052	Melimoyu	Chile-S	44.08	S	72.88	W	2400	Stratovolcano	S0
1406	1508-053	Puyuhuapi	Chile-S	44.30	S	72.53	W	524	Cinder cones	M0
1407	1508-054	Mentolat	Chile-S	44.70	S	73.08	W	1660	Stratovolcano	S0
1408	1508-055	Cay	Chile-S	45.059	S	72.984	W	2090	Stratovolcano	S0
1409	1508-056	Maca	Chile-S	45.10	S	73.17	W	2960	Stratovolcano	S0
1410	1508-057	Hudson, Cerro	Chile-S	45.90	S	72.97	W	1905	Stratovolcano	S3
1411	1508-058	Rio Murta	Chile-S	46.17	S	72.67	W		Pyroclastic cones	M0
1412	1508-059	Arenales	Chile-S	47.20	S	73.48	W	3437	Stratovolcano	S0
1413	1508-05=	Corcovado	Chile-S	43.18	S	72.80	W	2300	Stratovolcano	S0
1414	1508-061	Viedma	Argentina	49.358	S	73.28	W	1500	Subglacial volcano	S0
1415	1508-062	Aguilera	Chile-S	50.33	S	73.75	W	2546	Stratovolcano	S0
1416	1508-063	Reclus	Chile-S	50.964	S	73.585	W	1000	Cinder cone	S0
1417	1508-06=	Lautaro	Chile-S	49.02	S	73.55	W	3607	Stratovolcano	S1
1418	1508-07=	Burney, Monte	Chile-S	52.33	S	73.40	W	1758	Stratovolcano	S0
1419	1508-08=	Palei-Aike Volc Field	Chile-S	52.00	S	70.00	W	282	Cinder cones	M0
1420	1508-09=	Fueguino	Chile-S	54.95	S	70.25	W	150	Lava domes	S0
1421	1600-01=	Saba	W Indies	17.63	N	63.23	W	887	Stratovolcano	S0
1422	1600-02=	Quill, The	W Indies	17.478	N	62.960	W	601	Stratovolcano	S0
1423	1600-03=	Liamuiga	W Indies	17.37	N	62.80	W	1156	Stratovolcano	S0
1424	1600-04=	Nevis Peak	W Indies	17.15	N	62.58	W	985	Stratovolcano	S0
1425	1600-05=	Soufrière Hills	W Indies	16.72	N	62.18	W	915	Stratovolcano	S9
1426	1600-06=	Soufrière Guadeloupe	W Indies	16.05	N	61.67	W	1467	Stratovolcano	S0
1427	1600-08=	Diablos, Morne aux	W Indies	15.612	N	61.43	W	861	Stratovolcano	S0
1428	1600-09=	Diablotins, Morne	W Indies	15.503	N	61.397	W	1430	Stratovolcano	S0
1429	1600-101	Watt, Morne	W Indies	15.307	N	61.305	W	1224	Stratovolcanoes	S0
1430	1600-10=	Trois Pitons, Morne	W Indies	15.37	N	61.33	W	1387	Complex volcano	S0
1431	1600-11=	Plat Pays, Morne	W Indies	15.255	N	61.341	W	940	Stratovolcano	S0
1432	1600-12=	Pelée	W Indies	14.82	N	61.17	W	1397	Stratovolcano	S2
1433	1600-14=	Qualibou	W Indies	13.83	N	61.05	W	777	Caldera	S0
1434	1600-15=	Soufrière St. Vincent	W Indies	13.33	N	61.18	W	1220	Stratovolcano	S2
1435	1600-16=	Kick 'em Jenny	W Indies	12.300	N	61.640	W	-185	Submarine volcano	U0
1436	1600-17=	St. Catherine	W Indies	12.15	N	61.67	W	840	Stratovolcano	S0
1437	1700-01=	Snaefellsjökull	Iceland-W	64.80	N	23.78	W	1448	Stratovolcano	M0
1438	1700-02=	Helgrindur	Iceland-W	64.87	N	23.25	W	647	Pyroclastic cones	M0
1439	1700-03=	Ljósufjöll	Iceland-W	64.87	N	22.23	W	1063	Fissure vents	M0
1440	1701-02=	Reykjanes	Iceland-SW	63.88	N	22.50	W	230	Crater rows	M0
1441	1701-03=	Krísuvík	Iceland-SW	63.93	N	22.10	W	379	Crater rows	M0

	A	E	F	H	I	K	L	M	N	P
1	NUMBER	NAME	LOCATION	LATITUDE	NS	LONGITUDE	EW	ELEV	TYPE	ERUPTION TYPE
1442	1701-04=	Brännsteinsfjöll	Iceland-SW	63.92	N	21.83	W	621	Crater rows	S0
1443	1701-051	Hrómundartindur	Iceland-S	64.073	N	21.202	W	540	Stratovolcano	S0
1444	1701-05=	Hengill	Iceland-SW	64.08	N	21.32	W	803	Crater rows	M0
1445	1701-06=	Grímsnes	Iceland-SW	64.03	N	20.87	W	214	Crater rows	S0
1446	1701-07=	Prestahnukur	Iceland-SW	64.60	N	20.58	W	1400	Subglacial volcano	M0
1447	1701-08=	Hveravellir	Iceland-SW	64.75	N	19.98	W	1360	Subglacial volcano	M0
1448	1701-09=	Hofsjökull	Iceland-SW	64.78	N	18.92	W	1782	Subglacial volcano	M0
1449	1702-01=	Vestmannaeyjar	Iceland-S	63.43	N	20.28	W	279	Submarine volcanoes	M0
1450	1702-02=	Eyjafjöll	Iceland-S	63.63	N	19.62	W	1666	Stratovolcano	S0
1451	1702-03=	Katla	Iceland-S	63.63	N	19.05	W	1512	Subglacial volcano	M0
1452	1702-04=	Tindfjallajökull	Iceland-S	63.78	N	19.57	W	1463	Stratovolcano	M0
1453	1702-05=	Torfajökull	Iceland-S	63.92	N	19.17	W	1259	Stratovolcano	S0
1454	1702-07=	Hekla	Iceland-S	63.98	N	19.70	W	1491	Stratovolcano	S2
1455	1703-01=	Grímsvötn	Iceland-NE	64.42	N	17.33	W	1725	Caldera	M0
1456	1703-03=	Bárdarbunga	Iceland-NE	64.63	N	17.53	W	2009	Stratovolcano	M0
1457	1703-04=	Tungnafellsjökull	Iceland-NE	64.73	N	17.92	W	1535	Stratovolcano	M0
1458	1703-05=	Kverkfjöll	Iceland-NE	64.65	N	16.72	W	1929	Stratovolcano	M0
1459	1703-06=	Askja	Iceland-NE	65.03	N	16.75	W	1516	Stratovolcano	M0
1460	1703-07=	Freminamur	Iceland-NE	65.43	N	16.65	W	939	Stratovolcano	M0
1461	1703-08=	Krafla	Iceland-NE	65.73	N	16.78	W	818	Caldera	M1
1462	1703-09=	Theistareykjarbunga	Iceland-NE	65.88	N	16.83	W	564	Shield volcano	M0
1463	1703-10=	Tjörnes Fracture Zone	Iceland-N of	66.30	N	17.10	W		Submarine volcano	U0
1464	1704-01=	Öraefajökull	Iceland-SE	64.00	N	16.65	W	2119	Stratovolcano	M0
1465	1704-02=	Esjufjöll	Iceland-SE	64.27	N	16.65	W	1760	Stratovolcano	S0
1466	1705-01=	Kolbeinsey Ridge	Iceland-N of	66.67	N	18.50	W	5	Submarine volcano	U0
1467	1706-01=	Jan Mayen	Atlantic-N-Jan Mayen	71.08	N	8.17	W	2277	Stratovolcano	M0
1468	1707-01=	Unnamed	Arctic Ocean	88.27	N	65.60	W	-1500	Submarine volcano	U0
1469	1707-02=	Unnamed	Arctic Ocean	85.58	N	85.00	E	-3800	Submarine volcano	U0
1470	1801-02=	Unnamed	Atlantic-N	49.00	N	34.50	W	-1650	Submarine volcano	U0
1471	1801-03=	Unnamed	Atlantic-N	39.95	N	25.83	W	-2835	Submarine volcano	U0
1472	1801-04=	Unnamed	Atlantic-N	38.75	N	38.08	W	-4200	Submarine volcano	U0
1473	1802-001	Flores	Azores	39.462	N	31.216	W	914	Stratovolcanoes	M0
1474	1802-002	Corvo	Azores	39.699	N	31.111	W	718	Stratovolcano	M0
1475	1802-01=	Fayal	Azores	38.60	N	28.73	W	1043	Stratovolcano	S0
1476	1802-02=	Pico	Azores	38.47	N	28.40	W	2351	Stratovolcano	M0
1477	1802-03=	San Jorge	Azores	38.65	N	28.08	W	1053	Fissure vent	M0
1478	1802-04=	Graciosa	Azores	39.02	N	27.97	W	402	Stratovolcano	M0
1479	1802-05=	Terceira	Azores	38.73	N	27.32	W	1023	Stratovolcanoes	M0
1480	1802-07=	Don Joao de Castro Bank	Azores	38.23	N	26.63	W	-13	Submarine volcano	M0
1481	1802-081	Picos Volc System	Azores	37.78	N	25.67	W	350	Pyroclastic cones	M0
1482	1802-08=	Sete Cidades	Azores	37.87	N	25.78	W	856	Stratovolcano	S0
1483	1802-09=	Agua de Pau	Azores	37.77	N	25.47	W	947	Stratovolcano	S0
1484	1802-10=	Furnas	Azores	37.77	N	25.32	W	805	Stratovolcano	S0
1485	1802-11=	Monaco Bank	Azores	37.60	N	25.88	W	-197	Submarine volcano	U0
1486	1802-12=	Madeira	Azores	32.73	N	16.97	W	1862	Shield volcano	M0
1487	1803-01=	La Palma	Canary Is	28.57	N	17.83	W	2426	Stratovolcanoes	M0
1488	1803-02=	Hierro	Canary Is	27.73	N	18.03	W	1500	Shield volcano	M0
1489	1803-03=	Tenerife	Canary Is	28.271	N	16.641	W	3715	Stratovolcano	S0
1490	1803-04=	Gran Canaria	Canary Is	28.00	N	15.58	W	1950	Fissure vents	M0
1491	1803-05=	Fuerteventura	Canary Is	28.358	N	14.02	W	529	Fissure vents	M0
1492	1803-06=	Lanzarote	Canary Is	29.03	N	13.63	W	670	Fissure vents	M0
1493	1804-01=	Fogo	Cape Verde Is	14.95	N	24.35	W	2829	Stratovolcano	S0
1494	1804-02=	Brava	Cape Verde Is	14.85	N	24.72	W	900	Stratovolcano	S0
1495	1804-03=	Sao Vicente	Cape Verde Is	16.85	N	24.97	W	725	Stratovolcano	S0
1496	1805-01=	Unnamed	Atlantic-C	7.00	N	21.83	W	-1415	Submarine volcano ?	U0
1497	1805-02=	Unnamed	Atlantic-C	4.20	N	21.45	W	-2900	Submarine volcano	U0
1498	1805-03=	Unnamed	Atlantic-C	0.72	S	20.53	W	-1528	Submarine volcano	U0
1499	1805-04=	Unnamed	Atlantic-C	3.50	S	24.50	W	-5300	Submarine volcano	U0
1500	1805-05=	Ascensión	Atlantic-C	7.95	S	14.37	W	858	Stratovolcano	M0
1501	1805-051	Trindade	Atlantic-C	20.514	S	29.331	W	600	Stratovolcano	S0
1502	1806-011	Nightingale Island	Atlantic-S	37.42	S	12.48	W	365	Stratovolcano	S0
1503	1806-01=	Tristan da Cunha	Atlantic-S	37.092	S	12.28	W	2060	Shield volcano	M1
1504	1806-02=	Bouvet	Atlantic-S	54.42	S	3.35	E	780	Shield volcano	M0
1505	1806-03=	Thompson Island	Atlantic-S	53.93	S	5.50	E		Submarine volcano ?	S0
1506	1900-011	Young Island	Antarctica	66.42	S	162.47	E	1340	Stratovolcano	S0
1507	1900-012	Sturge Island	Antarctica	67.40	S	164.83	E	1167	Stratovolcano	M0
1508	1900-013	Pleiades, The	Antarctica	72.67	S	165.50	E	3040	Stratovolcano	S0
1509	1900-014	Unnamed	Antarctica	73.45	S	164.58	E	2987	Scoria cones	M0
1510	1900-015	Melbourne	Antarctica	74.35	S	164.70	E	2732	Stratovolcano	S0
1511	1900-016	Unnamed	Antarctica	76.83	S	163.00	E	-500	Submarine volcano	U0
1512	1900-01=	Buckle Island	Antarctica	66.78	S	163.25	E	1239	Stratovolcano	M0
1513	1900-021	Royal Society Range	Antarctica	78.25	S	163.33	E	3000	Cinder cones	M0
1514	1900-022	Berlin	Antarctica	76.05	S	136.00	W	3478	Shield volcanoes	S0
1515	1900-023	Andrus	Antarctica	75.80	S	132.33	W	2978	Shield volcanoes	S0
1516	1900-024	Waesche	Antarctica	77.17	S	126.88	W	3292	Shield volcanoes	M0
1517	1900-025	Siple	Antarctica	73.43	S	126.67	W	3110	Shield volcano	M0
1518	1900-026	Toney Mountain	Antarctica	75.80	S	115.83	W	3595	Shield volcano	M0
1519	1900-027	Takahe	Antarctica	76.28	S	112.08	W	3460	Shield volcano	S0
1520	1900-028	Hudson Mountains	Antarctica	74.33	S	99.42	W	749	Stratovolcanoes	M0
1521	1900-029	Peter I Island	Antarctica	68.85	S	90.58	W	1640	Shield volcano	M0
1522	1900-02=	Erebus	Antarctica	77.53	S	167.17	E	3794	Stratovolcano	S1
1523	1900-031	Penguin Island	Antarctica	62.10	S	57.93	W	180	Stratovolcano	S0
1524	1900-03=	Deception Island	Antarctica	62.97	S	60.65	W	576	Caldera	S2
1525	1900-041	Paulet	Antarctica	63.58	S	55.77	W	353	Cinder cone	M0
1526	1900-04=	Bridgeman Island	Antarctica	62.05	S	56.75	W	240	Stratovolcano	S0
1527	1900-05=	Seal Nunataks Group	Antarctica	65.03	S	60.05	W	368	Pyroclastic cones	M0
1528	1900-07=	Thule Islands	Antarctica	59.45	S	27.37	W	1075	Stratovolcanoes	S0
1529	1900-081	Montagu Island	Antarctica	58.42	S	26.33	W	1370	Shield volcano	S0
1530	1900-08=	Bristol Island	Antarctica	59.03	S	26.58	W	1100	Stratovolcano	S1
1531	1900-09=	Michael	Antarctica	57.78	S	26.45	W	990	Stratovolcano	S1



	A	E	F	H	I	K	L	M	N	P
1	NUMBER	NAME	LOCATION	LATITUDE	NS	LONGITUDE	EW	ELEV	TYPE	ERUPTION TYPE
1532	1900-10=	Candlemas Island	Antarctica	57.08	S	26.67	W	550	Stratovolcano	S0
1533	1900-11=	Hodson	Antarctica	56.70	S	27.15	W	1005	Stratovolcano	S0
1534	1900-12=	Leskov Island	Antarctica	56.67	S	28.13	W	190	Stratovolcano	S0
1535	1900-13=	Zavodovski	Antarctica	56.30	S	27.57	W	551	Stratovolcano	S0
1536	1900-14-	Protector Shoal	Antarctica	55.92	S	28.08	W	-27	Submarine volcano	S0