

Advisory measures: Avoid flying less than 4000 FT above vertical limits during eruption

Country	Volcano name (VAAC responsible)**	SI Volcano name	ICAO code	Lat (Nggmm)	Long (Wggmm)	Height (ASL) meters	Height (ASL) feet	Reasonable Worst Vertical Limits* (ASL) km	Reasonable Worst Vertical Limits* thous. (ASL) Feet	Most likely Vert. Limits (ASL) km	Year of last eruption	Predominant activity	Probable duration: effusive	Probable duration: explosive
France	Chaîne des Puys (TOU)	Chaîne des Puys	210020	N4546	E00258	1465	4806	20	66	1-5	4700 BCE	Effusive-Explosive	days to months	days to weeks
France	Mayotte ()	Mayotte Island	233005	S1250	E04510	203	666	25	82	5-10	2018 CE***	Effusive	months to years	months to years
France	Montagne Pelée (WA)	Montagne Pelée	360120	N1449	W06110	1397	4583	30	98	3-20	1932 CE	Explosive		hours to weeks
France	Piton de la Fournaise (TOU)	Fournaise, Piton de la	233020	S2114	E05542	2632	8635	20	66	<1	2021 CE	Effusive	days to months	hours
France	Soufrière de Guadeloupe ()	Soufrière Guadeloupe	360060	N1602	W06140	1467	4813	30	98	3-20	1977 CE	Explosive		hours to weeks
Greece	Nisyros ()	Nisyros	212050	N3635	E02710	698	2290	15	49	<1	1887 CE	Effusive	months to years	
Greece	Santorini (TOU)	Santorini	212040	N3624	E02524	320	1050	30	98	3-15	1950 CE	Effusive-Explosive	months to years	months to years
Iceland	Askja (L)	Askja	373060	N6503	W01647	1516	4974	35	115	3-12	1961	Effusive-Explosive	weeks to months	hours to weeks
Iceland	Bárðarbunga (L)	Bardarbunga	373030	N6438	W01731	2000	6562	25	82	3-12	2014	Effusive-Explosive	weeks to months	hours to weeks
Iceland	Brennisteinsfjöll (L)	Brennisteinsfjöll	371040	N6356	W02148	610	2001	5	16	1-5	975	Effusive	weeks to months	
Iceland	Eldey (L)	Eldey	371022	N6345	W02258	70	230	15	49	3-10	1926	Explosive		days to weeks
Iceland	Esjufjöll (L)	Esjufjöll	374020	N6417	W01630	1745	5725	15	49	3-12	1927	Explosive		
Iceland	Eyjafjallajökull (L)	Eyjafjallajökull	372020	N6338	W01938	1651	5417	25	82	3-12	2010	Explosive-Effusive	weeks to months	hours to weeks
Iceland	Fremrinámar (L)	Fremrinamar	373070	N6526	W01640	970	3182	5	16	1-5	No eruptions in historical time	Effusive	weeks to months	
Iceland	Grímsnes (L)	Grímsnes	371060	N6401	W02056	200	656	5	16	1-5	No eruptions in historical time	Effusive	weeks to months	
Iceland	Grímsvötn (L)	Grímsvotn	373010	N6424	W01721	1722	5650	25	82	3-12	2011	Explosive-Effusive	weeks to months	hours to weeks
Iceland	Heiðarsporðar (L)	NA	373082	N6534	W01650	490	1608	5	16	1-5	No eruptions in historical time	Effusive	weeks to months	
Iceland	Hekla (L)	Hekla	372070	N6360	W01940	1490	4888	35	115	10-25	2000	Explosive-Effusive	weeks to months	hours to weeks
Iceland	Helgrindur (L)	Helgrindur	370020	N6452	W02315	986	3235	5	16	1-5	No eruptions in historical time	Effusive	weeks to months	
Iceland	Hengill (L)	Hengill	371050	N6405	W02118	803	2635	5	16	1-5	No eruptions in historical time	Effusive	weeks to months	
Iceland	Hofsjökull (L)	Hofsjökull	371090	N6447	W01854	1795	5889	Unknown	Unknown	unknow	No eruptions in historical time	Effusive	weeks to months	
Iceland	Hrómundartindur (L)	Hromundartindur	371051	N6404	W02113	550	1804	5	16	1-5	No eruptions in historical time	Effusive	weeks to months	
Iceland	Katla (L)	Katla	372030	N6337	W01902	1490	4888	35	115	10-25	1918	Explosive-Effusive	weeks to months	hours to weeks
Iceland	Krafla (L)	Krafla	373080	N6543	W01648	800	2625	15	49	1-5	1984	Effusive	weeks to months	
Iceland	Krýsuvík (L)	Krysuvik	371030	N6354	W02206	360	1181	5	16	1-5	2021	Effusive	weeks to months	
Iceland	Kverkfjöll (L)	Kverkfjöll	373050	N6440	W01642	1933	6342	25	82	3-12	No eruptions in historical time	Effusive-Explosive	weeks to months	hours to weeks
Iceland	Langjökull (L)	Hveravellir	371080	N6452	W01943	1435	4708	Unknown	Unknown	unknow	No eruptions in historical time	Effusive	weeks to months	
Iceland	Ljósufjöll (L)	Ljosufjöll	370030	N6455	W02240	1063	3488	5	16	1-5	950	Effusive	weeks to months	
Iceland	Öraefajökull (L)	Oraefajokull	374010	N6360	W01639	2110	6923	35	115	3-12	1727	Explosive		hours to weeks
Iceland	Prestahnúkur (L)	Prestahnukur	371070	N6435	W02040	1385	4544	5	16	1-5	No eruptions in historical time	Effusive	weeks to months	
Iceland	Reykjanes (L)	Reykjanes	371020	N6352	W02234	140	459	15	49	3-10	1240	Effusive-Explosive	weeks to months	days to weeks
Iceland	Snæfell (L)	NA	374801	N6448	W01534	1833	6014	15	49	3-12	No eruptions in historical time	Effusive-Explosive	weeks to months	hours to weeks
Iceland	Snæfellsjökull (L)	Snaefellsjokull	370010	N6448	W02348	1446	4744	25	82	3-12	No eruptions in historical time	Explosive-Effusive	weeks to months	hours to weeks
Iceland	Tindfjallajökull (L)	Tindfjallajokull	372040	N6347	W01934	1464	4803	25	82	3-12	No eruptions in historical time	Explosive-Effusive	weeks to months	hours to weeks
Iceland	Torfajökull (L)	Torfajokull	372050	N6357	W01909	1190	3904	25	82	3-12	1477	Explosive-Effusive	weeks to months	hours to weeks
Iceland	Tungnafellsjökull (L)	Tungnafellsjokull	373040	N6444	W01754	1523	4997	Unknown	Unknown	unknow	No eruptions in historical time	Effusive	weeks to months	
Iceland	Vestmannaeyjar (L)	Vestmannaeyjar	372010	N6326	W02015	283	928	15	49	3-10	1973	Explosive-Effusive	weeks to months	days to weeks
Iceland	Þeistareykir (L)	Theistareykjr	373090	N6553	W01702	540	1772	5	16	1-5	No eruptions in historical time	Effusive	weeks to months	
Iceland	Þórðarhyrna (L)	Thorðarhyrna	373012	N6416	W01732	1650	5413	25	82	3-12	1903	Explosive-Effusive	weeks to months	hours to weeks
Italy	Campi Flegrei ()	Campi Flegrei	211010	N4049	E01408	457	1499	30	98	3-15	1538 CE	Explosive		days to weeks
Italy	Etna (TOU)	Etna	211060	N3745	E01500	3328	10919	20	66	1-5	2021 CE	Effusive-Explosive	days to months	minutes to hours
Italy	Stromboli (TOU)	Stromboli	211040	N3848	E01513	921	3022	4	13	1-5	2021 CE	Explosive-Effusive	days to months	minutes
Italy	Vesuvio (TOU)	Vesuvio	211020	N4049	E01426	1281	4203	30	98	3-15	1944 CE	Explosive-Effusive	days to months	days to weeks
Norway	Beerenberg (L)	Jan Mayen	376010	N7105	W00808	2085	6841	25	82	3-15	1985 CE			
Portugal	Fogo (TOU)	Agua de Pau	382090	N3746	W02528	947	3107	27	89	3-15	1564 CE	Explosive		days to weeks
Portugal	Sete Cidades (TOU)	Sete Cidades	382080	N3752	W02547	845	2772	18	59	3-15	500±100 BP	Explosive		days to weeks
Spain	Garrotxa Volcanic Field (TOU)	Gattotaxa Volcanic Field	210030	N4210	E00232	787	2582	10	33	1-5	13160 BCE	Explosive-Effusive	weeks to months	days to weeks
Spain	Teide - Pico Viejo (TOU)	Tenerife	383030	N2816	W01638	3718	12198	20	66	3-15	1798 CE	Explosive-Effusive	days to months	hours to weeks
UK	Ascension (BA, (TOU))	Ascension	385050	S0757	W01421	859	2818	27	89	1-5	510±180 BP	Effusive-Explosive	days to months	days to weeks
UK	Tristan da Cunha (BA)	Tristan da Cunha	386010	S3706	W01217	2060	6759	20	66	1-7	1962 CE	Effusive	days to months	days to weeks

Volcanic systems where effusive eruptions dominate are assigned most likely vertical limit between 1-5 km and probable duration of weeks to months.

Volcanic systems where explosive eruptions with local tephra distribution and/or effusive eruptions occur are assigned most likely vertical limit between 3-12 km and probable duration of hours to weeks.

Volcanic systems where explosive eruptions with regional tephra distribution occur are assigned most likely vertical limit between 10-25 km and probable duration of hours to weeks.

Volcanic systems where submarine eruptions may occur are assigned most likely vertical limits between 3-10 km and duration of days to weeks although possible maximum vertical limit reaches 15 km.

* Top maximum height expected at the start of an eruption

** (TOU) VAAC Toulouse; (WA) VAAC Washington; (L) VAAC London; (BA) VAAC Buenos Aires

*** Start year of the submarine eruption (still ongoing in 2021). Its exact location is reported in the Mayotte volcanic chapter

Information provided in this document is based on current knowledge and may change.

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