

Best Vertical Performance & FSA-ISF recognised altitude ascent and descent world records over 2,000m altitude

(Bold: ISF/FSA organisation and/or current best performance)

Best Vertical Performance	Location	Country	Altitude max	Distance	Total climb	M/hour	Total time	Year	Holder	Nation
SkySpeed®	Canazei	Italy	1600m	200m	100m	2416 m/h	2'29"17	2008	Tofol Castanyer	ESP
Vertical Sprint	Milano	Italy	indoor	300m	121m	2318 m/h	3.30"00	2007	Thomas Dold	GER
Donauturm Run Up	Vienna	Austria	indoor	300m	150m	2548 m/h*	3.32"00	2007	Thomas Dold	GER
Tower 101 Run Up	Taipei	China	indoor	800m	395m	2260 m/h	10'29"	2004	Paul Crane	NZL
Vertical Kilometer® M>1000m	Fully	Switzerland	1500m	1.9 km	1000m	1967 m/h*	30' 26"	2012	Urban Zemmer	ITA
Vertical Kilometer® M>1000m	Fully	Switzerland	1500m	1.9 km	1000m	1632 m/h*	36' 48"*	2012	Christelle Dewalle	FRA
Vertical Kilometer® F >2000m	Canazei	Italy	2407m	2.1 km	1000m	1530 m/h	39'13"	2008	Antonella Confortola	ITA
Vertical Kilometer® M >2000m	Canazei	Italy	2407m	2.1 km	1000m	1807 m/h	33'16"	2010	Urban Zemmer	ITA
Vertical Kilometer® M >3000m	Val d'Isère	France	2900m	3.0 km	1000m	1702m/h	34'51'	2002	Marco De Gasperi	ITA
Ascent Over 4000m										
Matterhorn	Cervinia	Italy	4478m	12 km	2478m	1190 m/h	2h10'00"	1995	Brunod Brunod	ITA
Monte Rosa	Alagna	Italy	4559m	29km	3400m	1051 m/h	3h14'00"	1994	Fabio Meraldi	ITA
Monte Rosa - F	Alagna	Italy	4559m	29km	3400m	850m/h	4h00'18"	1994	Gisella Bendotti	ITA
Monte Bianco	Courmayeur	Italy	4810m	52km	3800m	851m/h	4h28'36"	1995	Fabio Meraldi	ITA
Monte Bianco - F	Courmayeur	Italy	4810m	52km	3800m	628m/h	6h03'53"	1993	Gisella Bendotti	ITA
Mont Blanc	Chamonix	France	4810m	30km	3800m	1070m/h	3h33'00"	2013	Kilian Jornet	ESP
Mount Kinabalu	Sabah	Malaysia	4095m	6.8 km	2205m	1378 m/h	1h35'29"	2010	Marco De Gasperi	ITA
Over 5000m										
Kilimanjaro Ascent	Marangu	Tanzania	5962m	40km	4000m	741 m/h	5h23'50"	2010	Kilian Jornet	ESP
Elbrus Race	Elbrus	Russia	5642m	12,9km	3292	888 m/h'	3h41'	2012	Luis Alberto Hernando	ESP
Aconcagua Ascent	Plaza Mulas	Argentina	6959m	nd	2800m	763 m/h	3h40'20"	1999	Brunod - Meraldi - Pellissier	ITA
LeninRace 7134	Pamir	Tajikistan	7134m	14 km	2600m	400 m/h'	6h32'	2012	Semen Dvornichenko	Kyrgyzstan
Pumori Ascent	Lobuche	Nepal	7200m	nd	3000m	334 m/h	9h	1989	Marino Giacometti	ITA
Shisha Pagma Ascent	Adv Camp	Tibet	8013m	nd	2600m	217 m/h	12h	1995	Ollè, Meraldi	ESP/ITA
24 Hours										
24 Hour Ascent- SkyRace	Val d'Isère	France	1800/2500		17575m	735 m/h	23h55'	2001	Adriano Greco	ITA
24 Hour Ascent - individual	Passo Tonale	Italy	1800/2500		17675m	749 m/h'	23h33'	2009	Andrea Daprai	ITA
Race & Records History										
Pikes Peak	Manitou Springs	USA	4301m	42km	2200m	3h16'39"	2h01'06"	1993	Matt Carpenter	USA
Castle Peak	Aspen	USA	4037m	42km	2000m	3h23'10"	1h50'00"	1994	Matt Carpenter	USA
Mount Kenya	Sirimon Gate	Kenya	4985m	42km	2440m	5h03'22"	3h29'00"	1995	Fabio Meraldi	ITA

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Mount Elbert	Independence Pass	USA	4399m	20km	1500m	1h54'48"		1996	Bruno Brunod	ITA
Grand Teton	N. Park Lupine side	USA	4197m	20km	2300m		2h54'01"	2012	Kilian Jornet	ESP
Everest SkyMarathon	Tingri	Tibet	4400m	42km	150m	2h 52' 57"		1998	Matt Carpenter	USA
Iztaccihuatl	Paso Cortes	Mexico	5210m	33km	1550m	2h50'44"	1h55'00"	1998	Ricardo Mejia	MEX
Tao La	Tao La	Tibet	5200m	42 km	50m	3h23'00"		1995	Matt Carpenter	USA
Mount Kinabalu	Sabah	Malaysia	4095m	17.8km	2205m	2h33'56"	1h35'29"	2010	Marco De Gasperi	ITA
Kilimanjaro	Marangu	Tanzania	5962m	80km	4000m	8h34'52"	5h38'00"	2001	Bruno Brunod	ITA
Kilimanjaro	Marangu	Tanzania	5962m	80km	4000m	9h38'00"	5h24'00"	2009	Andrey Puchinin	KAZ
Kilimanjaro	Marangu	Tanzania	5962m	80km	4000m	7h14'00"	5h23'50"	2010	Kilian Jornet	ESP
Popocateptl	Paso Cortes	Mexco	5441m	20km	1800m	3h30'00"		1990	Victor Pani	MEX
Pumori	Lobuche	Nepal	7200m	nd	3000m	14h	9h	1989	Marino Giacometti	ITA
Shisha Pagma	Adv Camp	Tibet	8013m	nd	2600m	15h	12h01'00"	1995	Ollè, Meraldi	ESP/ITA
Alps 4,000m Records	Location	Country	Altitude	Distance	Vertical	Time m	Ascent m	Year	Holder	Nation
Breithorn	Cervinia	Italy	4165m	27km	2160m	2h26'14"	1h48'18"	1996	Jean Pellissier	ITA
Gran Paradiso	Pont	Italy	4061m	16km	2100m	2h'01'36"	1h43'22"	1995	Ettore Champretavy	ITA
Matterhorn	Cervinia	Italy	4478m	12km	2478m	4h16'00"		1990	Valerio Bertoglio	ITA
Matterhorn	Cervinia	Italy	4478m	12km	2478m	3h14'44"	2h10'00"	1995	Brunod Brunod	ITA
Mont Blanc	Courmayeur	Italy	4810m	52km	3800m	6h45'24"	4h28'36"	1995	Fabio Meraldi	ITA
Mont Blanc - skyrunning	Chamonix	France	4810m	30km	3800m	5h10'14"	3h38'00"	1990	Gobet	SUI
Mont Blanc - skyrunning	Chamonix	France	4810m	30km	3800m	4h57'34"	3h33'00"	2013	Kilian Jornet	ESP
Mont Blanc - F	Chamonix	France	4810m	30km	3800m	8h10'00"		2013	Emilie Frosberg	SWE
Mont Blanc - sky+ski	Chamonix	France	4810m	30km	3800m	5h12'00"	4h7'00"	2003	S Brosse P Gignoux	FRA
Mont Blanc – sky+ski	Chamonix	France	4810m	30km	3800m	5h05'00"		2013	Matheo Jaquermoud	FRA
Mont Blanc - solo	Genoa	Italy	5500m	320km	5200m		23h'00'	1997	Marino Giacometti	ITA
Mont Blanc - skybike	Genoa	Italy	5500m	320km	5200m		18h'58'	2008	Andrea Daprai	ITA
Mont Blanc - skybike	Genoa	Italy	5500m	320km	5200m		16h'36'	2013	Nico Valsesia	ITA
Monte Rosa	Alagna	Italy	4559m	29km	3400m	4h24'27"	3h14'00"	1994	Fabio Meraldi	ITA
Monte Rosa - F	Alagna	Italy	4559m	29km	3400m	5h34'40"	4h 00'18"	1994	Gisella Bendotti	ITA
Monte Rosa	Gressoney	Italy	4559m	25km	2800m	4h45'00"	3h05'00"	1997	Bruno Brunod	ITA
Monte Rosa - skybike	Genoa	Italy	4559m	250km	5050m		16h 30'	1994	Marino Giacometti	ITA
Dome de Neige	Ailefroide	France	4015m	10km	5000m		2h01'00"	1999	Jean Pellissier	ITA
Dome de Neige	Ailefroide	France	4015m	16km	2500m	2h30'57"	2h00'47"	2005	Kilian Jornet	ESP