Track: 2021-06-12 Dal Velino al Morrone	**IBP = 264 HKG**
These speeds are average for = HKG	
IBP index reliability= B	

Total length	32.13 Km
Analyzed distance	32.13 Km
Lineal distance	0 Km

Accumulated climb	2745.46 m
Accumulated descent	2743.56 m
Maximum height	2488 m
Minimal height	949 m
Climb rate	17.79 %
Descent rate	17.41 %
Positive climb difference per km	85.45 m
Negative descent difference per km	85.39 m

Total time	9:19:05 h
Time in movement	8:24:11 h
Stopped time	0:54:54 h

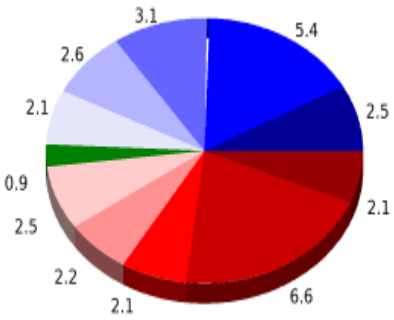
Total speed average	3.45 Km/h
Average speed in movement	3.82 Km/h
Maximum held speed	8.78 Km/h

Max slope filter	~55 %
Min. points separation	~30 m
Number of points	2323 (cad. 13.83 m)
Significant points	880 (cad. 36.55 m / 37.88 %)
Aberrant points	106 (4.56 % d. total)

Direction changes per km	14.6
Direction changes >5° per km	11.61
Accumulated straight stretches	3.866 Km
Straight stretches per km	120.32 m
Penalizables slope changes	25
Penalizables slope changes per km	0.778

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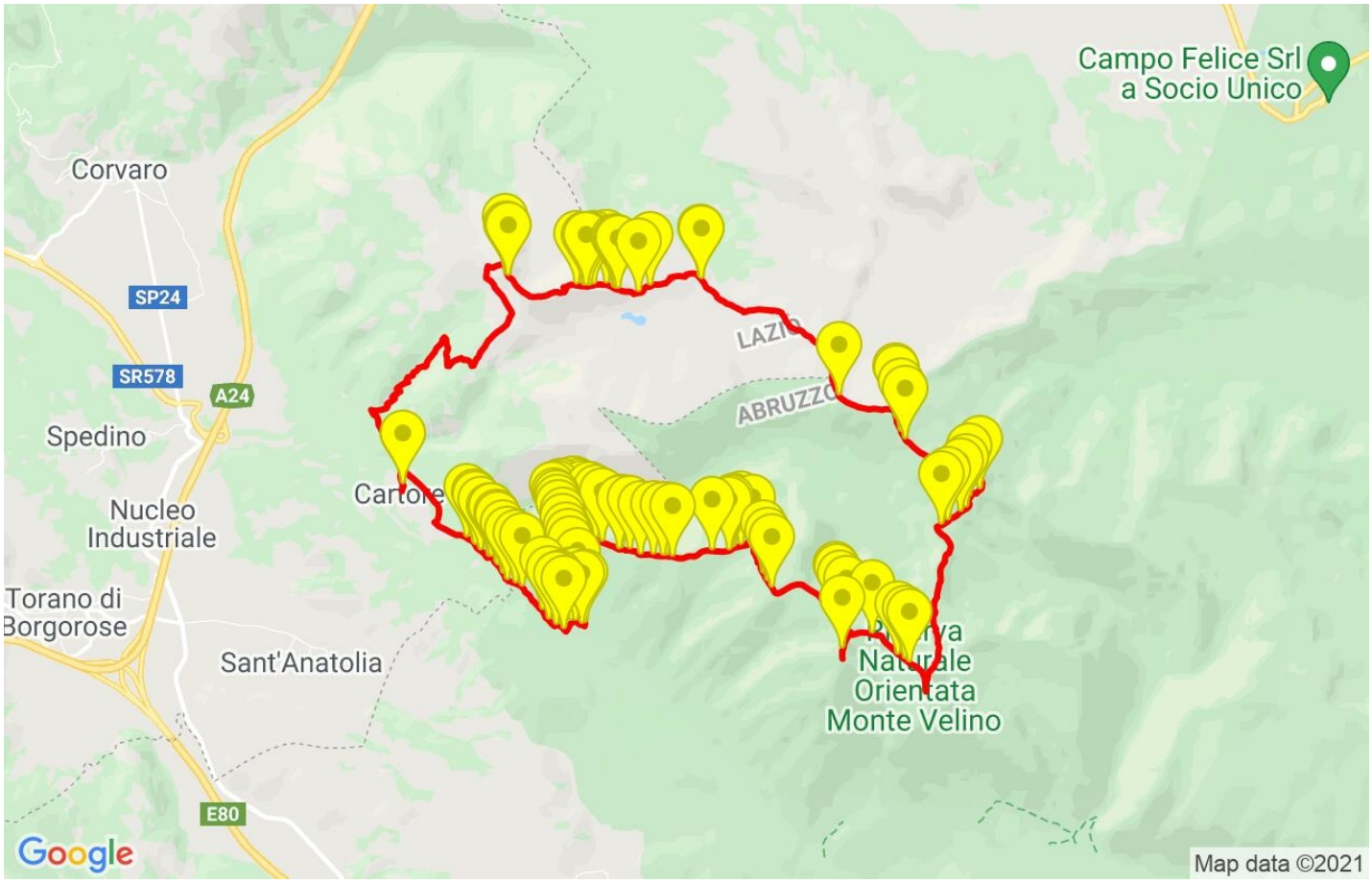
Summary of slopes

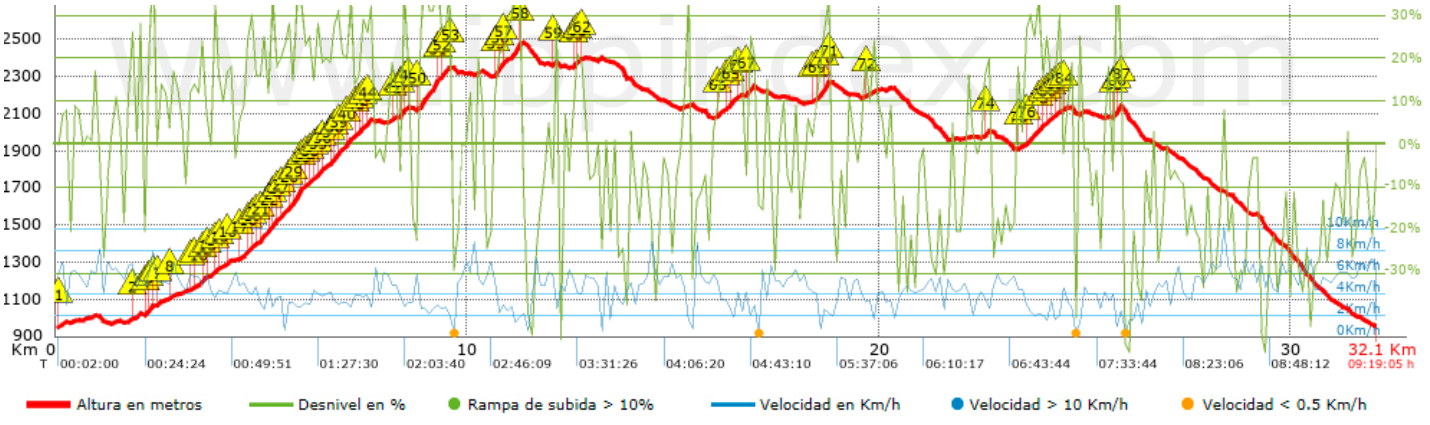


	Climbs	Distance in km	above the total in %	Speed in	Time h:m:s
	Between 30% and 55%	2.124	6.61	2.08	1:01:12
	Between 15 and 30%	6.59	20.51	3.25	2:01:31
	Between 10 and 15%	2.063	6.42	4.15	0:29:50
	Between 5 and 10%	2.175	6.77	4.41	0:29:36
	Between 1 and 5%	2.48	7.72	4.49	0:33:06
	Total :	15.431	48.03	3.36	4:35:15
	Plain				
	Difference of 1%	0.932	2.9	3.99	0:14:01
	Breakdown descents				
	Between 1 and 5%	2.11	6.57	4.46	0:28:24
	Between 5 and 10%	2.631	8.19	4.92	0:32:07
	Between 10 and 15%	3.128	9.74	4.92	0:38:09
	Between 15 and 30%	5.401	16.81	4.55	1:11:13
	Between 30% and 55%	2.492	7.76	3.32	0:45:02
	Total :	15.762	49.07	4.4	3:34:55
	Total track :	32.13	100 %	3.82	8:24:11

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Steep slopes > 10%

Steep slopes	Mileage point	Average slope	Interval
 1	0.098	15 %	146 m
 2	1.845	26 %	43 m
 3	2.161	16 %	40 m
 4	2.201	22 %	107 m
 5	2.308	19 %	35 m
 6	2.342	45 %	33 m
 7	2.48	21 %	114 m
 8	3.246	11 %	160 m
 9	3.406	21 %	151 m
 10	3.558	31 %	39 m
 11	3.597	12 %	103 m
 12	3.7	17 %	196 m
 13	3.896	17 %	67 m
 14	3.962	11 %	109 m
 15	4.142	19 %	141 m
 16	4.45	15 %	189 m
 17	4.639	23 %	97 m
 18	4.736	22 %	100 m
 19	4.836	17 %	122 m
 20	4.959	29 %	162 m
 21	5.121	20 %	109 m
 22	5.23	32 %	73 m
 23	5.303	28 %	68 m
 24	5.371	13 %	45 m
 25	5.416	20 %	97 m
 26	5.513	26 %	155 m

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27	5.667	22 %	115 m
28	5.783	40 %	193 m
29	5.976	29 %	33 m
30	6.009	15 %	75 m
31	6.084	17 %	38 m
32	6.121	23 %	112 m
33	6.233	13 %	98 m
34	6.331	27 %	112 m
35	6.443	19 %	251 m
36	6.694	23 %	43 m
37	6.737	26 %	147 m
38	6.884	24 %	182 m
39	7.065	27 %	191 m
40	7.257	19 %	139 m
41	7.396	25 %	37 m
42	7.433	21 %	96 m
43	7.53	27 %	77 m
44	8.124	11 %	232 m
45	8.355	17 %	39 m
46	8.395	39 %	35 m
47	8.429	22 %	110 m
48	8.539	19 %	36 m
49	8.795	33 %	481 m
50	9.275	24 %	115 m
51	9.39	27 %	121 m
52	9.511	36 %	41 m
53	10.636	11 %	35 m
54	10.671	32 %	104 m

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55	10.775	28 %	113 m
56	10.888	26 %	338 m
57	11.226	38 %	37 m
58	12.057	18 %	109 m
59	12.56	22 %	110 m
60	12.67	16 %	73 m
61	12.743	19 %	45 m
62	16.064	20 %	228 m
63	16.292	28 %	103 m
64	16.395	17 %	180 m
65	16.575	21 %	44 m
66	16.773	24 %	210 m
67	18.37	13 %	116 m
68	18.487	29 %	219 m
69	18.706	37 %	35 m
70	18.741	34 %	34 m
71	19.648	16 %	123 m
72	22.523	17 %	29 m
73	22.552	23 %	119 m
74	23.346	18 %	91 m
75	23.548	27 %	302 m
76	23.85	28 %	36 m
77	23.887	33 %	32 m
78	23.919	13 %	108 m
79	24.028	17 %	183 m
80	24.211	19 %	70 m
81	24.281	26 %	37 m
82	24.318	30 %	40 m

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83	24.461	15 %	115 m
84	25.683	11 %	34 m
85	25.717	44 %	113 m
86	25.83	16 %	36 m

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High altitude parameters, data above							
Altitude	Distance m	% of total	Time in movement	Speed	Stopped time	Total time	Speed
2250	5204.273	16.2	1:30:46	3.44	0:15:31	1:46:17	2.94
2000	11536.617	35.91	3:21:00	3.44	0:36:14	3:57:14	2.92
1750	4938.405	15.37	1:23:13	3.56		1:23:13	3.56
1500	2395.036	7.46	0:32:26	4.43	0:03:09	0:35:35	4.04
Total :	24.074 Km	74.94 %	6:47:25 h	3.55 Km/h	0:54:54 h	7:42:19 h	3.12 Km/h

Stops					
Distance	Stopped time	Altitude	Elapsed time	Last stop elapsed time	Last stop distance
5.513	0:03:09	1546	1:08:37	1:08:37	5.513
9.588	0:06:20	2359	2:29:26	1:20:49	4.076
11.365	0:04:39	2483	3:06:54	0:37:28	1.777
13.231	0:04:32	2408	3:40:02	0:33:08	1.866
15.411	0:02:54	2159	4:16:20	0:36:18	2.18
16.982	0:18:43 > 10´	2248	4:45:38	0:29:18	1.571
18.487	0:03:45	2177	5:22:00	0:36:22	1.504
24.65	0:04:30	2134	7:16:00	1:54:00	6.164
25.866	0:06:22	2140	7:48:01	0:32:01	1.215
Total :	0:54:54 h				

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