Track: 2018-06-28 Cima delle Mandrelle — **Date: 28/06/2018**

Track: 2018-06-28 Cima delle Mandrelle	**IBP = 155 HKG**
These speeds are average for = HKG	
IBP index reliability= A	

Total length	18.69 Km
Analyzed distance	18.69 Km
Lineal distance	0.05 Km

Accumulated climb	1762.8 m
Accumulated descent	1716.2 m
Maximum height	2209.7 m
Minimal height	481.3 m
Climb rate	18.39 %
Descent rate	19.34 %
Positive climb difference per	94.32 m
Negative descent difference per	91.82 m

Total time	8:31:45 h
Time in movement	6:38:10 h
Stopped time	1:53:35 h

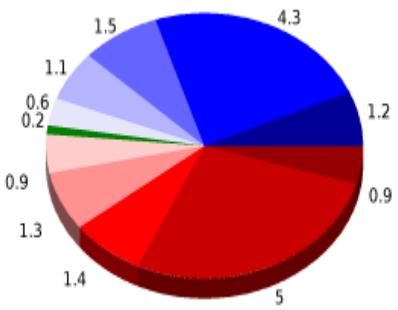
Total speed average	2.19 Km/h
Average speed in movement	2.82 Km/h
Maximum held speed	6.67 Km/h

Max slope filter	~55 %
Min. points separation	~30 m
Number of points	1497 (cad. 12.48 m)
Significant points	514 (cad. 36.43 m / 34.34 %)
Aberrant points	98 (6.55 % d. total)

Direction changes per	14.71
Direction changes >5º per	13
Accumulated straight stretches	1.433 Km
Straight stretches per	76.67 m
Penalizables slope changes	9
Penalizables slope changes per	0.482

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Summary of slopes

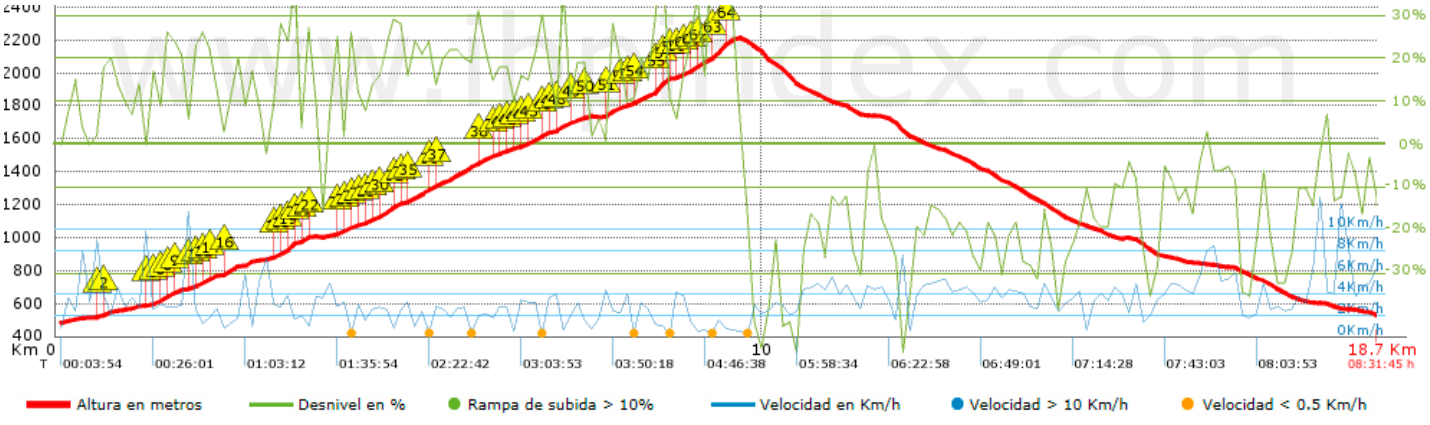


	Climbs	Distance in km	above the total in %	Speed in	Time h:m:s
	Between 30% and 55%	0.936	5.01	1.83	0:30:40
	Between 15 and 30%	5.04	26.97	2.3	2:11:32
	Between 10 and 15%	1.429	7.65	3.07	0:27:56
	Between 5 and 10%	1.315	7.04	3.31	0:23:50
	Between 1 and 5%	0.865	4.63	3.99	0:13:00
	Total :	9.586	51.29	2.53	3:46:58
	Plain				
	Difference of 1%	0.23	1.23	2.36	0:05:51
	Breakdown descents				
	Between 1 and 5%	0.64	3.43	4.73	0:08:07
	Between 5 and 10%	1.145	6.13	4.59	0:14:58
	Between 10 and 15%	1.516	8.11	3.47	0:26:15
	Between 15 and 30%	4.337	23.21	3.21	1:21:11
	Between 30% and 55%	1.235	6.61	2.13	0:34:50
	Total :	8.873	47.48	3.22	2:45:21
	Total track :	18.69	100 %	2.82	6:38:10

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Steep slopes > 10%

Steep slope	Mileage point	Average slope	Interval
 1	0.64	19 %	138 m
 2	1.282	13 %	35 m
 3	1.317	17 %	34 m
 4	1.351	17 %	103 m
 5	1.455	28 %	96 m
 6	1.55	22 %	31 m
 7	1.582	24 %	32 m
 8	1.614	18 %	146 m
 9	1.949	23 %	76 m
 10	2.025	25 %	103 m
 11	2.128	28 %	65 m
 12	2.193	22 %	31 m
 13	2.357	12 %	32 m
 14	2.389	19 %	423 m
 15	3.112	17 %	34 m
 16	3.146	23 %	141 m
 17	3.287	45 %	95 m
 18	3.383	17 %	111 m
 19	3.493	23 %	37 m
 20	3.531	18 %	74 m
 21	3.919	25 %	35 m
 22	3.954	25 %	66 m
 23	4.061	16 %	64 m
 24	4.125	16 %	183 m
 25	4.308	14 %	66 m
 26	4.374	20 %	97 m

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27	4.471	17 %	102 m
28	4.573	27 %	177 m
29	4.749	27 %	62 m
30	4.811	16 %	34 m
31	4.845	22 %	72 m
32	4.917	16 %	40 m
33	4.957	24 %	303 m
34	5.26	18 %	115 m
35	5.375	24 %	612 m
36	5.987	21 %	141 m
37	6.128	14 %	121 m
38	6.249	20 %	113 m
39	6.362	14 %	38 m
40	6.399	12 %	79 m
41	6.478	15 %	35 m
42	6.513	17 %	145 m
43	6.658	23 %	198 m
44	6.856	22 %	69 m
45	6.924	12 %	137 m
46	7.061	25 %	169 m
47	7.23	16 %	185 m
48	7.415	18 %	73 m
49	7.758	25 %	174 m
50	7.933	17 %	129 m
51	8.062	14 %	110 m
52	8.172	21 %	249 m
53	8.421	43 %	141 m
54	8.562	47 %	38 m

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	8.599	48 %	30 m
	8.63	11 %	37 m
	8.77	14 %	144 m
	8.914	20 %	100 m
	9.014	33 %	100 m
	9.114	22 %	109 m
	9.222	43 %	268 m
	9.49	20 %	106 m

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High altitude parameters, data above							
Altitude	Distance m	% of total	Time in movement	Speed	Stopped time	Total time	Speed
2000	1338.159	7.16	0:35:02	2.29	0:45:13	1:20:15	1
1750	2212.335	11.84	0:48:38	2.73	0:18:22	1:07:00	1.98
1500	2935.206	15.71	0:57:53	3.04	0:23:58	1:21:51	2.15
Total :	6.486 Km	34.7 %	2:21:33 h	2.75 Km/h	1:27:33 h	3:49:06 h	1.7 Km/h

Stops					
Distance	Stopped time	Altitude	Elapsed time	Last stop elapsed time	Last stop distance
2.294	0:02:17	769	0:51:13	0:51:13	2.294
4.093	0:05:39	1042	1:38:48	0:47:35	1.799
5.226	0:05:42	1279	2:17:00	0:38:12	1.134
5.801	0:06:33	1406	2:35:49	0:18:49	0.574
6.399	0:04:18	1529	2:57:27	0:21:38	0.599
6.753	0:09:34	1587	3:07:44	0:10:17	0.353
7.131	0:02:57	1660	3:26:09	0:18:25	0.379
7.531	0:03:26	1734	3:39:43	0:13:34	0.4
8.135	0:05:47	1809	3:55:39	0:15:56	0.603
8.599	0:12:35 > 10´	1942	4:15:22	0:19:43	0.465
9.047	0:04:22	2022	4:36:02	0:20:40	0.448
9.114	0:02:51	2043	4:42:25	0:06:23 < 10´	0.066
9.222	0:05:10	2067	4:47:41	0:05:16 < 10´	0.109
9.359	0:02:25	2123	4:56:49	0:09:08 < 10´	0.137
9.46	0:06:06	2170	5:03:11	0:06:22 < 10´	0.101
9.526	0:02:54	2191	5:11:37	0:08:26 < 10´	0.066
9.63	0:21:25 > 10´	2208	5:16:17	0:04:40 < 10´	0.104
11.968	0:03:43	1650	6:28:37	1:12:20	2.339
14.501	0:03:25	1077	7:16:47	0:48:10	2.533
Total :	1:53:35 h				

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