| | |
|---|---|
| Track: 2018-03-10 Cresta del Morretano | **IBP = 83 HKG** |
| These speeds are average for = HKG | |
| IBP index reliability= B | |

| | |
|---|---|
| Total length | 12.88 Km |
| Analyzed distance | 12.88 Km |
| Lineal distance | 0 Km |

| | |
|---|---|
| Accumulated climb | 638.35 m |
| Accumulated descent | 641.43 m |
| Maximum height | 2103 m |
| Minimal height | 1589.2 m |
| Climb rate | 9.65 % |
| Descent rate | 10.9 % |
| Positive climb difference per | 49.56 m |
| Negative descent difference per | 49.8 m |

| | |
|---|---|
| Total time | 6:42:35 h |
| Time in movement | 4:18:07 h |
| Stopped time | 2:24:28 h |

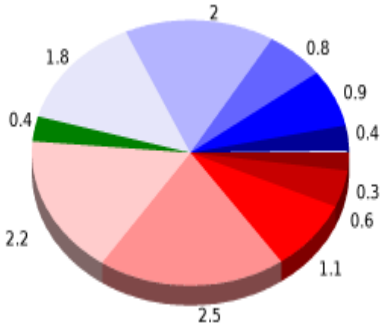
| | |
|---|---|
| Total speed average | 1.92 Km/h |
| Average speed in movement | 2.99 Km/h |
| Maximum held speed | 6.1 Km/h |

| | |
|---|---|
| Max slope filter | ~55 % |
| Min. points separation | ~30 m |
| Number of points | 1015 (cad. 12.69 m) |
| Significant points | 358 (cad. 36.08 m / 35.27 %) |
| Aberrant points | 49 (4.83 % d. total) |

| | |
|---|---|
| Direction changes per | 13.28 |
| Direction changes >5º per | 9.55 |
| Accumulated straight stretches | 2.584 Km |
| Straight stretches per | 200.62 m |
| Penalizables slope changes | 6 |
| Penalizables slope changes per | 0.466 |

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**Summary of slopes**

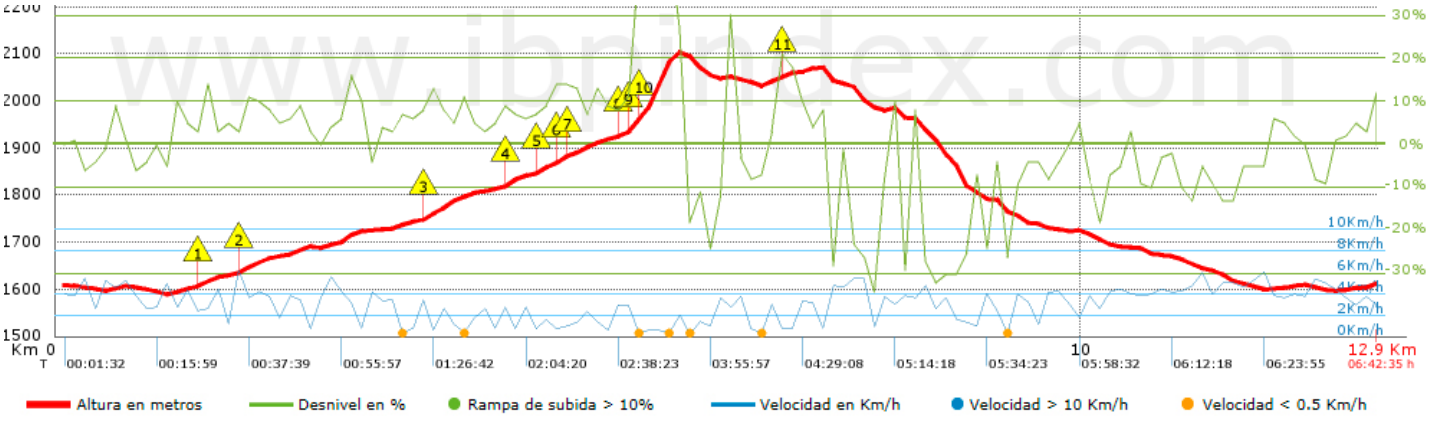



| | Climbs | Distance in km | above the total in % | Speed in | Time h:m:s |
|---|---|---|---|---|---|
| | Between 30% and 55% | 0.338 | 2.62 | 3.23 | 0:06:17 |
| | Between 15 and 30% | 0.554 | 4.3 | 2.27 | 0:14:37 |
| | Between 10 and 15% | 1.092 | 8.48 | 2.29 | 0:28:38 |
| | Between 5 and 10% | 2.453 | 19.05 | 2.92 | 0:50:28 |
| | Between 1 and 5% | 2.178 | 16.91 | 2.84 | 0:45:57 |
| | Total : | 6.615 | 51.37 | 2.72 | 2:25:57 |
| | Plain | | | | |
| | Difference of 1% | 0.381 | 2.96 | 3.95 | 0:05:47 |
| | Breakdown descents | | | | |
| | Between 1 and 5% | 1.81 | 14.05 | 3.33 | 0:32:38 |
| | Between 5 and 10% | 1.994 | 15.48 | 3.91 | 0:30:36 |
| | Between 10 and 15% | 0.773 | 6 | 3.71 | 0:12:31 |
| | Between 15 and 30% | 0.935 | 7.26 | 2.86 | 0:19:39 |
| | Between 30% and 55% | 0.37 | 2.88 | 2.02 | 0:10:59 |
| | Total : | 5.883 | 45.68 | 3.32 | 1:46:23 |
| | Total track : | 12.88 | 100 % | 2.99 | 4:18:07 |

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| | |
|---|---|
| Track: 2018-03-10 Cresta del Morretano | **IBP = 83 HKG** |
| These speeds are average for = HKG | |
| IBP index reliability= B | |




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## Steep slopes > 10%

| Steep slope | Mileage point | Average slope | Interval |
|---|---|---|---|
|  | 1.403 | 13 % | 110 m |
|  | 1.765 | 11 % | 162 m |
|  | 3.556 | 12 % | 211 m |
|  | 4.381 | 13 % | 102 m |
|  | 4.836 | 12 % | 111 m |
|  | 4.948 | 13 % | 138 m |
|  | 5.5 | 12 % | 106 m |
|  | 5.606 | 18 % | 32 m |
|  | 5.638 | 39 % | 381 m |
|  | 7.041 | 11 % | 97 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 | 2101.468 | 16.32 | 0:42:09 | 2.99 | 1:16:22 | 1:58:31 | 1.06 |
| 1750 | 3696.832 | 28.7 | 1:29:00 | 2.49 | 0:57:16 | 2:26:16 | 1.52 |
| 1500 | 7080.666 | 54.98 | 2:06:58 | 3.35 | 0:10:50 | 2:17:48 | 3.08 |
| Total : | 12.879 Km | 100 % | 4:18:07 h | 2.99 Km/h | 2:24:28 h | 6:42:35 h | 1.92 Km/h |

| Stops | | | | | |
|---|---|---|---|---|---|
| Distance | Stopped time | Altitude | Elapsed time | Last stop elapsed time | Last stop distance |
| 2.439 | 0:02:29 | 1690 | 0:48:51 | 0:48:51 | 2.439 |
| 3.254 | 0:05:50 | 1729 | 1:08:51 | 0:20:00 | 0.815 |
| 3.366 | 0:02:31 | 1737 | 1:16:07 | 0:07:16 < 10´ | 0.113 |
| 3.626 | 0:03:01 | 1757 | 1:23:41 | 0:07:34 < 10´ | 0.259 |
| 3.924 | 0:06:32 | 1793 | 1:35:33 | 0:11:52 | 0.299 |
| 4.159 | 0:03:22 | 1808 | 1:46:52 | 0:11:19 | 0.235 |
| 4.24 | 0:02:16 | 1811 | 1:51:08 | 0:04:16 < 10´ | 0.082 |
| 4.411 | 0:02:56 | 1825 | 1:57:47 | 0:06:39 < 10´ | 0.171 |
| 4.588 | 0:03:30 | 1841 | 2:04:20 | 0:06:33 < 10´ | 0.177 |
| 4.771 | 0:02:25 | 1859 | 2:12:08 | 0:07:48 < 10´ | 0.183 |
| 5.292 | 0:03:23 | 1914 | 2:31:43 | 0:19:35 | 0.522 |
| 5.606 | 0:05:24 | 1940 | 2:41:50 | 0:10:07 | 0.313 |
| 5.673 | 0:14:28 > 10´ | 1960 | 2:48:21 | 0:06:31 < 10´ | 0.067 |
| 5.744 | 0:13:31 > 10´ | 1973 | 3:05:09 | 0:16:48 | 0.071 |
| 5.911 | 0:12:43 > 10´ | 2049 | 3:20:49 | 0:15:40 | 0.168 |
| 6.055 | 0:09:05 | 2103 | 3:35:45 | 0:14:56 | 0.143 |
| 6.69 | 0:02:50 | 2042 | 4:03:40 | 0:27:55 | 0.636 |
| 6.832 | 0:07:05 | 2035 | 4:08:16 | 0:04:36 < 10´ | 0.141 |
| 7.041 | 0:05:07 | 2044 | 4:19:00 | 0:10:44 | 0.21 |
| 7.381 | 0:29:02 > 10´ | 2070 | 4:31:21 | 0:12:21 | 0.339 |
| 9.211 | 0:06:58 | 1780 | 5:37:34 | 1:06:13 | 1.831 |
| Total : | 2:24:28 h | | | | |

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