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cms 1 going high is essentially three books in one volume the first fifty one pages succinctly describe the development of our knowledge of oxygen the atmosphere and high elevations attained initially by hot air balloons and later by mountain ascents access restricted item true addeddate 2013 07 09 15 18 54 bookplateleaf 0004 boxid ial111419 camera canon eos 5d mark ii city boston u a donor bostonpubliclibrary the following timeline relies heavily on research done by Dr Charles S Houston which resulted in his two valuable books on high altitude high altitude the history and prevention of a killer Robert Carman the content of this book is much too detailed for most readers however it appears to be the latest and greatest information on altitude sickness an abridged version for hikers would be very useful 1 readers found this review helpful 2 years ago jeane i have owned a copy of this book since 1987 the effects of high altitude on humans are mostly the consequences of reduced partial pressure of oxygen in the atmosphere the medical problems that are direct consequence of high altitude are caused by the low inspired partial pressure of oxygen which is caused by the reduced atmospheric pressure and the constant gas fraction of oxygen in Dr Hurtado's address to the 1966 meeting of the American Industrial Hygiene Association is reproduced here for our readers and demonstrates the scientific excellence which has earned the honor of this award for Dr Hurtado high altitude and man consists of 16 brief chapters of research studies presented at a symposium sponsored by the American Physiological Society in La Jolla California the book is not a complete summary of all the results of the expedition's findings and only about half of the chapters report on studies performed on Everest the congenitally acclimatized man balances the climatic stress at any ecological altitude by developing compensatory reactions a system of oxygen supply through anthropological physiological and chemical mechanisms the altitude thorax ensuring the characteristic high pulmonary ventilation a system of oxygen intake through the blood etc humans at high altitude high altitude and man John B West and Sukhamay Lahiri eds American Physiological Society Bethesda MD 1984 distributor Williams and Wilkins Baltimore VIII 199 pp illus 39 science leading authorities on high altitude physiology contribute to this work which is divided into three sections

man at extreme altitude sleep and restoration at high altitude and physiology of permanent residents of high altitude 978 0930410124 see all details the amazon book review book recommendations author interviews editors picks and more read it now leading authorities on high altitude physiology contribute to this work which is divided into three sections man at extreme altitude sleep and restoration at high altitude and physiology of permanent residents of high altitude high altitude and man john b west sukhamay lahiri springer may 27 2013 medical 200 pages leading authorities on high altitude physiology contribute to this work which is divided into updated march 28 2020 geography basics while the geography terms elevation and altitude are often used interchangeably they have slightly different meanings what is elevation elevation is the measurement of the height of a geographical feature that is above mean sea level msl all 1 2 million residents live about 4 150 meters 13 615 feet above sea level altitude is related to air pressure in fact aviators and mountaineers can measure their altitude by measuring the air pressure around them this is called indicated altitude and is measured by an instrument called an altimeter as altitude rises air pressure drops

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the following timeline relies heavily on research done by dr charles s houston which resulted in his two valuable books on high altitude high altitude the history and prevention of a killer

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dr hurtado s address to the 1966 meeting of the american industrial hygiene association is reproduced here for our readers and demonstrates the scientific excellence which has earned the honor of this award for dr hurtado

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high altitude and man consists of 16 brief chapters of research studies presented at a symposium sponsored by the american physiological society in la jolla california the book is not a complete summary of all the results of the expedition s findings and only about half of the chapters report on studies performed on everest

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the congenitally acclimatized man balances the climatic stress at any ecological altitude by developing compensatory reactions

a system of oxygen supply through anthropological physiological and chemical mechanisms the altitude thorax ensuring the characteristic high pulmonary ventilation a system of oxygen intake through the blood etc

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humans at high altitude high altitude and man john b west and sukhamay lahiri eds american physiological society bethesda md 1984 distributor williams and wilkins baltimore viii 199 pp illus 39 science

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