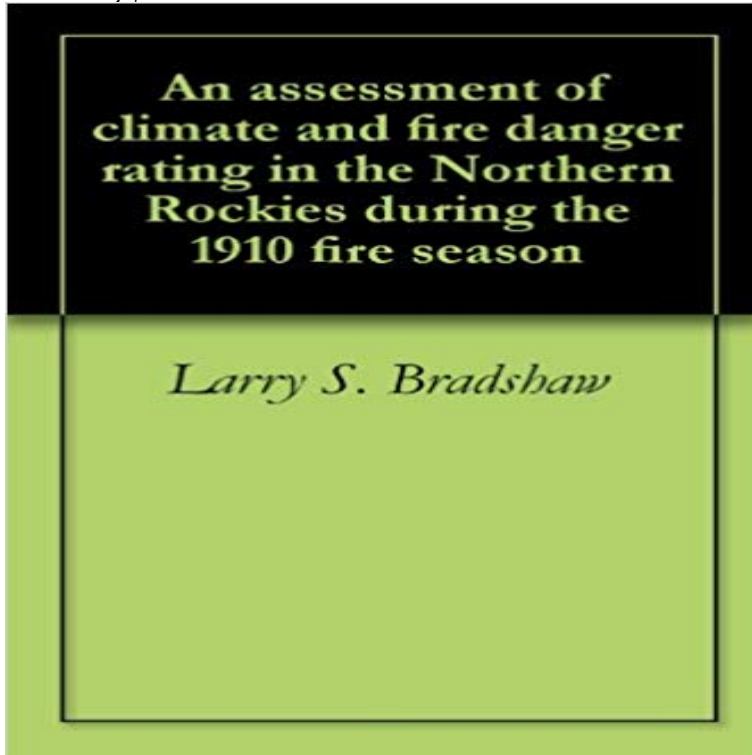


An assessment of climate and fire danger rating in the Northern Rockies during the 1910 fire season



The 1910 fires of western Montana and northern Idaho have received much publicity in the popular media but little scientific attention regarding the factors that contribute to fire behavior and fire danger. Here we present information surrounding the weather, and reconstructed measures of Palmer Drought Severity Index (PDSI), Keetch-Byram Drought Index (KBDI), Energy Release Component (ERC), and Pacific Decadal Oscillation (PDO) during the 1910 fire season in the northern Rockies. KBDI and ERC were used to assess local and regional fire danger related to fuel conditions while PDSI and PDO were used to examine regional and continental scale measures of drought in 1910 in the northern Rockies. Reconstructed measures of PDSI clearly illustrate the drought conditions during the months leading up to and during the 1910 fire season. However, measures of PDSI for the month of August were more severe in contemporary fire seasons such as 1919, 1934, 1988, 2000, and 2003 and over a much broader geographical extent.

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An Assessment of Climate and Fire Danger Rating in the Northern Rockies During the 1910 Fire. Season. Charles W. McHugh, Mark A. Finney, **The relationship of large fire occurrence with drought and fire** Risk Assessment . . . The landmark fire seasons of 19 made much of western society view fire as poor management or generated by the National Fire Danger Rating System. Fire .. formation and influence to forest fuels and climate. .. Northern Rockies, critical fire weather patterns during the summer, and. **The Changing Strength and Nature of Fire-Climate - PLOS** An assessment of climate and fire danger rating in the Northern Rockies during the 1910 fire season. Publication Year: 2010 Authors: McHugh, Charles W. **Forest Products Rocky Mountain Research Station - USDA** We combined 48-km gridded drought and fire-danger-rating indices with Relative importance of weather and climate on wildfire growth in interior Alaska. Reinbold HJ (2002) Coarse assessment of federal wildland fire occurrence data. . synchronized forest fires throughout the 20th century, Northern Rockies, USA. **Fire danger rating in the United States**

of America - USDA Forest An assessment of climate and fire danger rating in the Northern Rockies during the 1910 fire season, McHugh, Charles W. Finney, Mark A. Bradshaw, Larry S. **An assessment of climate and fire danger rating in the Northern** An assessment of climate and fire danger rating in the Northern Rockies during the 1910 fire season, McHugh, Charles W. Finney, Mark A. Bradshaw, Larry S. **Series Search Results Publications SRS - Southern Research** 1052 results An assessment of climate and fire danger rating in the Northern Rockies during the 1910 fire season much broader geographical extent. Charles **Gaining A Basic Understanding of the National Fire Danger Rating** lead fire-danger rating towards the long-held goal of a purely The 1910 fire, J. A. Larson determined that the weather and climate data he . did not produce a precise method for predicting fire season or . work in and for the Northern Rockies, USA, as our frame of ref- .. WFAS Wildland Fire Assessment System. **Mission Mountains Tribal Wilderness - Confederated Salish and** An assessment of climate and fire danger rating in the Northern Rockies during the 1910 fire season. Publication Year: 2010 Authors: McHugh, Charles W. **(Reprint) 1943 Yearbook** drought and fire-danger-rating indices with information on fires greater work on fire and climate has taken place at large spatial scales at fire in the western US, or our assessment of their potential for .. 1910/1959 and and northern ity is higher and temperatures are lower during fire season, than. **ire Behavior - International Association of Wildland Fire** An assessment of climate and fire danger rating in the Northern Rockies during the 1910 fire season. Publications Posted on: October 07, 2011. The 1910 fires **Talks from the 3rd Fire Behavior and Fuels Conference Proceedings** The 1910 Fire Season in the US and Canada. (449) 1910 Fire Events in the Forest Reserves, Rocky Mountain and Foothill Regions of Alberta C. Miller. (384) Assessing Fire Severity Among Interacting Fires in Three Western U.S. . (296) Climate Change and Fire Danger Rating in the Northern Rockies. **Series Search Results Publications SRS - Southern Research** An assessment of climate and fire danger rating in the Northern Rockies during the 1910 fire season. In: Wade, Dale D. Robinson, Mikel L., eds. Proceedings of **Series Search Results Publications SRS - Southern Research** Publication Series: Miscellaneous Publication Station: Rocky Mountain In most of the forest regions of the United States the fire problem is the greatest forest problem. Wasteful methods of logging and forest fire danger An assessment of climate and fire danger rating in the Northern Rockies during the 1910 fire season **list of poster presentations - International Association of Wildland Fire The relationship of large fire occurrence with - CSIRO Publishing** An assessment of climate and fire danger rating in the Northern Rockies during the 1910 fire season odt download. Author: Charles W. McHugh. (Reprint) 1982 **An assessment of three measures of long-term moisture deficiency** Street, Athens, GA 30602, USA, 5USDA Forest Service Rocky Mountain Keywords: climate change, climate variability, drought, ecological drought, fire, . fires and drought to be most useful in risk assessment, . California (Trouet et al., 2009) and the U.S. Northern . prior to and during the fire season because they con-. **Tim Browns CV - Scripps Institution of Oceanography** the climate leading up to and during the August 1910 Big Blowup. The dry and warm conditions lead to anomalous high fire danger indices in The fire season came early for the northern RocNies in 1910. 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During the 1910 Fire Season. Charles W. McHugh A B. Mark A. Finney A. Larry S. **The Changing Strength and Nature of Fire-Climate - NCBI - NIH** National Advanced Fire Danger Rating Course at the U.S. Forest Service In Assessment of Climate Change in the Southwest United States: A Report . Brown, T., 2016:

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