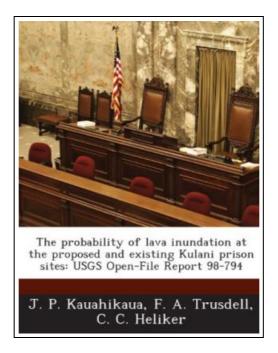
The Probability of Lava Inundation at the Proposed and Existing Kulani Prison Sites: Usgs Open-File Report 98-794



Filesize: 2.29 MB

Reviews

This pdf is great. It is actually rally exciting through reading time. Your daily life span is going to be transform when you comprehensive reading this pdf.

(Francis Lubowitz)

THE PROBABILITY OF LAVA INUNDATION AT THE PROPOSED AND EXISTING KULANI PRISON SITES: USGS OPEN-FILE REPORT 98-794



Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ****** Print on Demand ******. The State of Hawaii has proposed building a 2,300-bed medium-security prison about 10 km downslope from the existing Kulani medium-security correctional facility. The proposed and existing facilities lie on the northeast rift zone of Mauna Loa, which last erupted in 1984 in this same general area. We use the best available geologic mapping and dating with GIS software to estimate the average recurrence interval between lava flows that inundate these sites. Three different methods are used to adjust the number of flows exposed at the surface for those flows that are buried to allow a better representation of the recurrence interval. Probabilities are then computed, based on these recurrence intervals, assuming that the data match a Poisson distribution. The probability of lava inundation for the existing prison site is estimated to be 11- 12 in the next 50 years. The probability of lava inundation for the proposed sites B and C are 2- 3 and 1-2, respectively, in the same period. The probabilities are based on estimated recurrence intervals for lava flows, which are approximately proportional to the area considered. The probability of having to evacuate the prison is certainly higher than the probability of lava entering the site. Maximum warning times between eruption and lava inundation of a site are estimated to be 24 hours for the existing prison site and 72 hours for proposed sites B and C. Evacuation plans should take these times into consideration.

Read The Probability of Lava Inundation at the Proposed and Existing Kulani Prison Sites: Usgs Open-File Report 98-794 Online

Download PDF The Probability of Lava Inundation at the Proposed and Existing Kulani Prison Sites: Usgs Open-File Report 98-794

Relevant PDFs



Next 25 Years, The: The New Supreme Court and What It Means for Americans

SEVEN STORIES PRESS, 2008. Paperback. Book Condition: New. A new, unread, unused book in perfect condition with no missing or damaged pages. Shipped from UK. Orders will be dispatched within 48 hours of receiving your...

Read ePub »



Ninja Adventure Book: Ninja Book for Kids with Comic Illustration: Fart Book: Ninja Skateboard Farts (Perfect Ninja Books for Boys - Chapter Books for Kids Age 8 - 10 with Comic Pictures Audiobook with Book)

 $Createspace, United States, 2013. \ Paperback. \ Book Condition: New. \ 229 x 152 \ mm. \ Language: English \ . \ Brand \ New Book ***** Print on Demand ******. BONUS-Includes FREE Dog Farts Audio Book for Kids Inside! For a...$

Read ePub »



Weebies Family Halloween Night English Language: English Language British Full Colour

 $Create space, United States, 2014. \ Paperback. \ Book Condition: New. \ 229 x 152 \ mm. \ Language: English. \ Brand New Book ***** Print on Demand ******. Children's Weebies Family Halloween Night Book 20 starts to teach Pre-School and...$

Read ePub »



YJ] New primary school language learning counseling language book of knowledge [Genuine Specials(Chinese

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date: 2011-03-01 Pages: 752 Publisher: Jilin University Shop Books All the new...

Read ePub »



New KS2 English SAT Buster 10-Minute Tests: 2016 SATs & Beyond

Paperback. Book Condition: New. Not Signed; This is Book 2 of CGP's SAT Buster 10-Minute Tests for KS2 Grammar, Punctuation & Spelling - it's a brilliant way to introduce English SATS preparation in bite-sized chunks....

Read ePub »