



FINDING AID

HAWAII VOLCANOES NATIONAL PARK IMAGE COLLECTION 1825-1991

Prepared by
Geoffrey S. Mowrer, 2013



Hawaii Volcanoes National Park

Catalog Number: HAVO 17707

TABLE OF CONTENTS

Copyright and Restrictions	ii
History	3
Scope and Content	5
Hierarchy	7
Series Descriptions	9
Container List	18

COPYRIGHT AND RESTRICTIONS

The copyright law of the United States (Title 17, United States Code) governs the making of photocopies or other reproductions of copyrighted materials. The various state privacy acts govern the use of materials that document private individuals, groups, and corporations.

Under certain conditions specified in the law, libraries and archives are authorized to furnish a reproduction if the document does not infringe the privacy rights of an individual, group, or corporation. These specified conditions of authorized use include:

- non-commercial and non-profit study, scholarship, research, or teaching
- criticism, commentary, or news reporting
- as a NPS preservation or security copy
- as a research copy for deposit in another institution

If a user later utilizes a copy or reproduction for purposes in excess of “fair use,” the user may be personally liable for copyright, privacy, or publicity infringement. This institution’s permission to obtain a photographic, xerographic, digital, or other copy of a document doesn’t indicate permission to publish, exhibit, perform, reproduce, sell, distribute, or prepare derivative works from this document without first obtaining permission from the copyright holder and from any private individual, group, or corporation shown or otherwise recorded.

Permission to publish, exhibit, perform, reproduce, prepare derivative works from, sell, or otherwise distribute the item must be obtained by the user separately in writing from the holder of the original copyright (or, if the creator is dead, from his/her heirs) as well as from any individual(s), groups, or corporations whose name, image, recorded words, or private information (e.g., employment information) may be reproduced in the source material. The holder of the original copyright isn’t necessarily the National Park Service. The National Park Service is not legally liable for copyright, privacy, or publicity infringement when materials are wrongfully used after being provided to researchers for “fair use.”

This institution reserves the right to refuse to accept a copying order if fulfillment of the order is judged in violation of copyright or federal or state privacy or publicity law.

HISTORY

Hawaii National Park was dedicated and set apart as a public park by the United States Congress on August 1, 1916, and the park was later formally accepted as a national park through the United States Department of Interior in July of 1921. Dedication ceremonies for the park were held on park grounds on July 9, 1921 and attended by some of the most politically and economically influential citizens of the Hawaii Territory, including Wade Warren Thayer, Dr. Milton Rice, and Lorrin A. Thurston, as well as Gilbert Grosvenor, National Geographic Magazine editor, and local entrepreneur Peter Lee. The newly dedicated national park received its first full-time administrator with the arrival of Superintendent Thomas A. Boles in 1922. He would be followed by a succession of park superintendents that included Richard T. Evans, Edward Wingate, and Frank Oberhansley. The earliest park ranger began his duties in 1922, and over the next sixty years park staff would grow to include park rangers, park naturalists, Civilian Conservation Camp and Youth Conservation Camp workers, maintenance workers, administrative secretaries, and perhaps the most well-known and respected employee to work at the park, volcanologist Dr. Thomas Augustus Jaggar.

When Boles arrived in 1922, the Volcano House and associated buildings and structures, Kilauea Military Camp, and Bishop Estate lease residential buildings accounted for most of the buildings and structures located within park boundaries. Boles himself constructed the first park headquarters in 1923 and occupied a residential structure at the rim of Kilauea Caldera in the same year. By 1960 two additional park headquarter buildings had served park visitors, and the park possessed over thirty residential buildings for park staff as well as maintenance buildings, underground storage facilities, and visitor shelters and restrooms. In addition, a large section of the Volcano House had burned down, been rebuilt, and added onto, while other buildings and structures, such as those associated with the Civilian Conservation Camp, had been built and dismantled.

In addition to the structures in the parks, by 1929 the park had twenty-five miles of roads that included Crater Rim Road and Chain of Craters Road and ninety miles of trails. Further road development would include Hilina Pali and Mauna Loa truck trails and an extension of Chain of Crater Road down to the Kalapana section. Hiking trails such as Thurston Lava Tube trail evolved to include paved sections of the trail and Kalapana.

The number of visitors to the park steadily increased over the first sixty years of the park's existence. The activities that visitors enjoyed, such as hiking, exploring Thurston Lava Tube, and visiting the park museum and headquarters, required interpretive talks given by park rangers, naturalists, and visiting park special guests, indoor and outdoor exhibits, and instructive and interpretive signs designed to help enhance visitors overall experience of coming to the park, as well as navigating their way through the park roads and trails. The main attraction for park visitors has been the volcanic eruption activity that defines the park's natural landscape. Hawaii

Island visitors' viewing of the eruption activities of Halemaumau crater began prior to the park's creation, and it continued with park visitors who came to see the 1924 eruption of Halemaumau and later the Kilauea Iki eruption in 1959. Visitors enjoyed viewing eruption activity outside of park boundaries as well, including rift zone eruptions on Mauna Loa. In addition to general public park visitors, special guest park visitors have also enjoyed the natural and cultural resources of the park; these have included President Franklin D. Roosevelt, Lady Bird Johnson, and National Park Service administrators such as Hillory A. Tolson, Thomas C. Vint, and Aubrey Neasham in 1949.

SCOPE AND CONTENT

HAWAII VOLCANOES NATIONAL PARK IMAGE COLLECTION 1825-1991

CATALOG NUMBER HAVO 17707

VOLUME 41234 EA

DESCRIPTION

The collection contains photo print, negative, slide, and postcard images of various areas, events, and people related to Hawaii Volcanoes National Park. The collection was created by numerous park divisions and unknown creators dating from the 1970s to 2011. Series include Accidents, Law Enforcement, and Safety and Rescue; Cultural Resources; Visitor Use; Maintenance; Natural Resources; Park Personnel; and Non-Park Activities.

Images are primarily black and white with approximately 50 colored images, including hand-colored postcard and photo print images of eruption activity. Image sizes range from 3½ x 2½ to 8 x 10 inches but also include larger format eruption images. Image creators (photographers) include Superintendents Richard T. Evans, Edward Wingate and Frank R. Oberhansley, and Jack Raferty, George D. Smith, Donald M. Black, D. L. Hamilton, Russell Apple, W.W. Dunmire, Glen Kay, R. Haugen, Ray Jerome Baker, and Charles Judd.

If an image was not identified by a date, it was assigned a date based upon its negative or photograph number, e.g., negative image identification number [49-010] was dated 1949 and inserted into brackets on the sleeve Date category. This was done in accordance to a pattern of other negative and photo print images that had similar 4- and 5-digit image identification numbers that indicated the first two digits were the date of creation. Circa dates were assigned using the following aggregate or singular methods: photo prints with manufacturer-applied inked logos “Velox” (1930 to 1950) and “Kodak / Velox / Paper” (1950 to 1965); similar photo print and negative image content and photographer, e.g., an undated image of park visitors photographed by park Superintendent Richard T. Evans was assigned a circa date in accordance to Evans’

term as park superintendent; and similar photo print and negative image size and photo print color tinting. Images were left undated if a negative or photo print number was not present and a circa date could not be ascertained. If an image did not have an individual title or was not housed within a titled folder, a title was given primarily based upon image content and comparison to similar images, and the title was written in brackets on the sleeve Subject/ Location/Purpose category.

For more detailed content information see Series Descriptions.

ORGANIZATION

The collection contains seven series, organized alphabetically. Series are as follows: Series I: Accidents, Law Enforcement, and Safety and Rescue; Series II: Cultural Resources; Series III: Visitor Use; Series IV: Maintenance; Series V: Natural Resources; Series VI: Park Personnel; and Series VII: Non-Park Activities.

Images originally created as a group were arranged as a group even when differing from subject content (e.g., images of park maintenance worker Charles Kauhi and associated images of Kalapana that included an unidentified girl at Queen's Bath were arranged within Park Personnel series as a group). Images subject to various federal laws such as the Native American Graves Protection and Repatriation Act (NAGPRA) were classified as restricted and have "restricted" written on the image sleeve or on the binder title page.

For more information on the arrangement of the individual series see Series Descriptions.

PROVENANCE

HAVO

RESTRICTIONS

YES

LANGUAGE

All Hawaiian language words in this finding aid are written without the okina and macron diacritical marks. This is to help ensure the finding aid text is searchable in pdf format for all users. Two resources for the proper spelling of Hawaiian words-- including the placement of the okina and macrons-- are the Hawaiian Electronic Library (<http://wehewehe.org/>) and, for official place names, the United States Board on Geographic Names <http://geonames.usgs.gov/>.

HIERARCHY

I. ACCIDENTS, LAW ENFORCEMENT, SAFETY AND RESCUE, 1932 June-1973 June

II. CULTURAL RESOURCES, 1934 January-1975 March

III. VISITOR USE, 1825-1983

A. EXHIBITS, INTERPRETATION, AND SIGNAGE, 1825-1983

B. PARK VISITORS, circa 1870-1979

1. GENERAL VISITORS, circa 1870-1976

2. PARK SPECIAL GUESTS, 1932-1979 October

C. SPECIAL EVENTS, 1921-1979 October

IV. MAINTENANCE, circa 1860-1980

A. BULDINGS AND STRUCTURES, circa 1860-1980

1. GENERAL, 1924-1980

2. KILAUEA MILITARY CAMP, 1923-1959 January

3. VOLCANO HOUSE, circa 1860-1972

B. ROADS AND TRAILS

1. ROADS, circa 1925-1962

2. TRAILS, 1927-1977

C. UTILITIES, circa 1945-1976 January

V. NATURAL RESOURCES, circa 1911-1976

A. ANIMALS, 1933 September-1970 February

B. ERUPTIONS, CRATERS, AND VOLCANIC ACTIVITY, 1920-1975

C. LANDSCAPES, circa 1925-1975

D. PLANTS, circa 1911-1975 March

VI. PARK PERSONNEL, 1927 July-1991

VII. NON-PARK ACTIVITIES, circa 1925-1970

SERIES DESCRIPTIONS

I. ACCIDENTS, LAW ENFORCEMENT, SAFETY, AND RESCUE, 1932 June-1973 June

This series is arranged chronologically by date.

This series contains photo print and negative images of accidents, law enforcement, and safety and rescue activities within park boundaries. These include minor and non-fatal accidents primarily involving park visitors, such as a tour bus accident on Chain of Craters Road, an overturned vehicle on Hilina Pali Road, and a park visitor breaking her ankle on Thurston Lava Tube Trail; law enforcement activities, such as the discovery of marijuana plants growing near Bird Park (Kipuka Puauolu); and safety and rescue activities that include the revision of the Eruption Central Plan by park personnel, fire extinguisher training and demonstration for park employees, helicopter rescue training, and the rescue of a Hawaiian Telephone lineman who fell 100 feet into an earth crack. Series strength is photo print and negative images of the construction and use of a cable car to retrieve two suicide victims from Halemaumau.

II. CULTURAL RESOURCES, 1934 January-1975 March

This series is arranged chronologically by date

The series contains photo print and negative images of various cultural resources primarily located within park boundaries. They include images of Hawaiian archeological sites, individual and grouped petroglyphs, Hawaiian burial sites, archeological survey maps of Kalapana Extension, Pulu Factory site and ruins near Napau Crater, Mauna Kea adz quarry site, and lava rock walls and enclosures. Images of Hawaiian burial sites, skeletal remains of a Kilauea Military Camp soldier, and archeological survey maps of Kalapana Extension have been classified as restricted; these images have “restricted” written on the image sleeve or on the binder title page. Series highlights include images of the 1959 archeological survey maps of Kalapana Extension, and images of Wahaula Heiau, photographed by T. [Theodore] Kelsey, that feature two similar images of the heiau taken thirty years apart.

III. VISITOR USE, 1825-1983

This series is organized into three subseries: Subseries A: Exhibits, Interpretation, and Signage; Subseries B: Park Visitors; and Subseries C: Special Events.

This series contains photo print, negative, and slide images primarily taken by park personnel, including Superintendent Richard T. Evans and Charles Judd, that document the creation and development of park indoor and outdoor exhibits, interpretive activities, and outdoor signage; the attendance and activities of general public park visitors and park special guests; and various park special events held within and outside of park boundaries. The bulk of the images were taken between 1927 and 1970.

A. EXHIBITS, INTERPRETATION, AND SIGNAGE, 1928-1983

This subseries is arranged into three distinct sections in accordance with the subseries title, divided by title cards, and arranged chronologically by date for each section.

This subseries contains photo print and negative images of indoor and outdoor exhibits, indoor and outdoor interpretive activities, and outdoor signs designed specifically for visitor use. Images of indoor and outdoor exhibits include the footprints exhibit and shelter in Kau; various museum exhibits in the Kilauea Visitor Center, such as plant and animal species facing extinction; historic artifacts, such as a cannon; paintings by D. Howard Hitchcock and Paul Rockwood depicting eruption activities and the City of Refuge (PUHO) respectively; and outdoor exhibit cases at Bird Park (Kipuka Puauolu) and Thurston Lava Tube containing information pertinent to each respective resource. Also included are interior views of Kilauea Visitor Center museum and lobby as well as various artwork images used for outdoor plaques and other exhibit spaces.

Images of interpretive activities primarily focus on interpretive talks given by park personnel to park visitors concerning volcanic activity within the park; also included are images of interpretive talks inside the Kilauea Visitor Center, as well as images of reference material, primarily photographed in the 1940s, likely used for interpretive background data. Images of signage include park entrance and exit signs, road and directional signs, outdoor stand-alone signs containing interpretive information, instructive signs such as the listing of unlawful activities, trail markers, and outdoor plaques, such as the Mather Plaque. This subseries is arranged into three distinct sections divided by title cards and arranged chronologically by date for each section. The subseries strengths are negative images of 1952 museum exhibits at the Kilauea Visitor Center and at outdoor exhibit cases; an interpretive talk by George C. Ruhle, former Park Naturalist for Crater Lake National Park; and Hawaii National Park rustic-style influenced entrance and exit signs.

B. PARK VISITORS, circa 1870-1979

This subseries is organized into two Sub-Subseries: Sub-Subseries 1. General Visitors, Sub-Subseries 2. Park Special Guests.

Subseries B. Park Visitors contains photo print, negative, and slide images of general public park visitors' attendance and activities, including hiking, and images of park special guests, including President Franklin D. Roosevelt.

1. *GENERAL VISITORS, circa 1870-1976*

This sub-subseries is arranged chronologically by date.

This sub-subseries contains photo print and negative images of general public park visitors to Hawaii National Park/Hawaii Volcanoes National Park. Images within this sub-subseries generally feature visitors engaged in activities other than viewing volcanic eruptions, such as golfing at Halemaumau 19th hole, hiking on trails and inactive *pahoehoe* and *aa* lava flows, or visiting park headquarters or Volcano House. Images of general public park visitors were added to the sub-subseries when the emphasis of the image was on the visitor(s) interaction with the surrounding environment; additional images of general public park visitors are associated with other series and subseries that include Buildings and Structures and Eruptions. Also included within the sub-subseries are copy photo print and negative images of visitors to Halemaumau and Kilauea Caldera prior to the establishment of a national park. Sub-subseries strengths are photo print and negative images of the earliest park-generated images of general public park visitors taken by or with Superintendent Richard T. Evans in 1927 and 1928.

2. *PARK SPECIAL GUESTS, 1932-1979 October*

This sub-subseries is arranged chronologically by date.

This sub-subseries contains photo print, negative, and slide images of identified and unidentified special guests visiting the park, including politicians, such as President Franklin D. Roosevelt, Harry S. Truman following his presidency, and Vice-President Richard M. Nixon; National Park Service administrators, such Regional Historian Aubrey Neasham, Assistant Director Hillory A. Tolson and Chief of Development Thomas. C. Vint; foreign government officials and heads of state, such as Lord Mountbatten and the King and Queen of Thailand; and non-government special guest visitors such as American novelist Hamlin Garland and American film actors and filming crews. Also included are images of Volcano House owner and park concessionaire George Lycurgus with identified and unidentified park special guests. Sub-subseries strengths are photo print and negative images of Amelia Earhart standing in front of Volcano House following her solo flight from Oakland to Honolulu, and a photo print image of a National Park Service official that may be NPS Assistant Director Horace M. Albright, who visited Hawaii National Park in 1920 in place of ailing NPS Director Stephen Mather.

C. *SPECIAL EVENTS, 1921-1979 October*

This subseries is arranged chronologically by date

This subseries contains photo print and negative images of special events held both within and outside of park boundaries, including celebrations of the arrival and departure of park personnel, dedication ceremonies, musical shows, pageants, and cultural festivals. Subseries strengths are photo print and negative images of the 1921 Hawaii National Park dedication ceremony and the unveiling at the Kilauea Visitor Center of “Madame Pele,” painted by David Howard Hitchcock.

IV. *MAINTENANCE, circa 1860-1980*

This series is organized into three Subseries: Subseries A. Buildings and Structures, Subseries B. Roads and Trails, and Subseries C. Utilities

This series contains photo print, negative, slide, and postcard images primarily taken by park personnel, including Donald M. Black and Jack A. Stites of the development, construction, maintenance, and improvement of park and concession facilities, including buildings and structures, such as the Volcano House; park roads, such as Crater Rim Road; park trails, such as Thurston Lava Tube trail; and the park water system. The bulk of the images were taken between 1927 and 1965.

A. *BULDINGS AND STRUCTURES, circa 1860-1980*

This subseries is organized into three Sub-Subseries: Sub-Subseries 1. General, Sub-Subseries 2. Kilauea Military Camp, and Sub-Subseries 3. Volcano House.

This subseries contains photo print, negative, slide, and postcard images primarily taken by park personnel of the development, construction, maintenance, and improvement of park and concession buildings and structures, such as the three versions of park headquarters, the various versions of the Volcano House, and Kilauea Military Camp buildings and structures.

1. *GENERAL, 1924-1980*

This sub-subseries is generally arranged by building/structure type, e.g., bunk houses and cabins, park quarters, park headquarters. They are arranged chronologically by building/structure identification and by date, e.g., Quarters 1, 1932. Kalapana section buildings/structures are arranged by date only

This sub-subseries contains photo print, negative, and postcard images of park buildings and structures designed and constructed to facilitate the park’s mission as a national park. They include cabins for both park staff and visitors on the upper elevation of Mauna Loa and at the coastal area of Halape; three distinct park Headquarters/Administration buildings constructed between 1923 and 1941; facilities

and maintenance buildings and structures; park quarters for staff; and shelters and restrooms primarily designed and built for park visitors. Also included are Bishop Estate Lease residential buildings constructed prior to the creation of the park, Civilian Conservation Corps camp buildings and structures, and building and structures located in the Kalapana section. Sub-subseries strengths are photo print and negative images of the first park headquarters building constructed in 1923, rustic-style influenced restrooms and shelters, and the K. Maehara Photograph Studio building.

2. *KILAUEA MILITARY CAMP, 1923-1959 January*

This sub-subseries is arranged chronologically by date.

This sub-subseries contains photo print, postcard, and negative images of Kilauea Military Camp, which is located within park boundaries. The camp was initially constructed in 1916, the same year as the creation of Hawaii National Park, and has continuously been used as a rest and recreation facility for military personnel since 1917. Images of the camp largely focus on individual buildings and structures, such as the camp headquarters or individual maintenance buildings, and groups of similar buildings and structures, such as the linear-aligned stone and wood constructed cottages. Also included are aerial, building interior, and designed landscape images, as well as images of inclement weather damage to specific buildings. Sub-subseries strengths are negative images of the designed landscape “Honeymoon” gardens, and 1920s photo print images of various buildings featuring stylistic elements associated with the National Park Service Rustic Style.

3. *VOLCANO HOUSE , circa 1860-1972*

This sub-subseries is arranged chronologically by date and format size.

This sub-subseries contains photo print and negative images of five sequential versions of Volcano House: 1866 Volcano House, 1877 Volcano House, 1891 addition to the 1877 Volcano House, 1921 relocation of 1877 Volcano House and expansion to 1891 addition, and the 1941 Volcano House. Also included are images of associated concessionaire buildings, addition and construction activities primarily to the 1941 Volcano House, and interior images. The 7 x 5 images are largely comprised of pre-1941 Volcano House versions and many are copyrighted by Bishop Museum or Hawaii State Archives. Sub-subseries strengths are images of the 1940 fire that completely destroyed the 1892 addition and 1921 expansion sections, ground breaking ceremonies led by George Lycurgus for the 1955 Annex addition, and the construction of the Annex addition.

B. *ROADS AND TRAILS*

This subseries is organized into two Sub-Subseries: Sub-Subseries 1. Roads and Sub-Subseries 2. Trails.

1. *ROADS, circa 1925-1962*

Images are generally arranged alphabetically by road name or subject, for example, Crater Rim Road or Road Construction, and then chronologically by date, e.g., Crater Rim Road, 1960. Images without titles were arranged chronologically by date.

This sub-subseries contains photo print, negative, and slide images of paved and unpaved roads primarily located within park boundaries. These images include road sections of Crater Rim Road, Chain of Craters Road, Mauna Loa Truck Trail, Hilina Pali Truck Trail, and road construction, maintenance, and completion ceremonies. Also included are images of road sections located outside of park boundaries, including an aerial image of unpaved road on the upper elevation of Mauna Loa. Sub-subseries strengths include 1927 photo print images of road construction, including the covering of sections of recently laid concrete during the curing process and quarrying of road building materials, construction work on Hilina Pali Truck Trail by Civilian Conservation Corps members, and circa 1930 images of Crater Rim Road.

2. *TRAILS, 1927-1977*

Images are arranged in alphabetical order by trail name and chronologically by date, for example, Thurston Lava Tube Trail, April, 1959.

This sub-subseries contains photo print, negative, and slide images of hiking trails primarily located within park boundaries that extend along both the Kilauea and Kalapana sections of the park. These images include the construction of Devastation Trail, Thurston Lava Tube Trail, trails leading to Halemaumau, trail maintenance, and sections of the Kalapana Trail. Also included are images of hiking trails at the Mauna Loa summit area. Sub-Subseries strengths include 1948 color slide images of Kalapana and Mauna Loa hiking trails, trail construction by Civilian Conservation Corps (CCC) at Bird Park (Kipuka Puau) in 1934, and 1927 negative images of trails leading to Kilauea Caldera and Halemaumau.

C. *UTILITIES, circa 1945-1976 January*

This subseries is arranged chronologically by date.

This subseries contains photo print and negative images of the development of the park's water system between 1945 and 1960, including the construction and rehabilitation of redwood water tanks, the alteration of the 1924 constructed rain shed roof, the construction of steel water tanks, and the construction of the 1957 rain shed building.

Also included are images from 1967 and 1976 that respectively focus on interior alterations to the 1957 rain shed building and inclement weather damage to primarily redwood water tanks. Subseries strengths are images of redwood water tanks at the former Civilian Conservation Corps camp, and the construction of new redwood water tanks at the rain shed area in 1947.

The dates and titles assigned to the images in this subseries were based upon the following report: Historic American Engineering Record, Hawaii Volcanoes National Park Water Collection System, HAER HI-76. The dates are written brackets on the image sleeves.

V. *NATURAL RESOURCES, circa 1911-1976*

This series is organized into four subseries: Subseries A. Animals, Subseries B. Eruptions, Subseries C. Landscapes, and Subseries D. Plants.

This series contains photo print, negative, and postcard images primarily taken by park personnel of park natural resources. They include animals, such as *nene*, eruption activities, such as those associated with Halemaumau and Kilauea Iki, natural and human-modified landscapes, such as open landscapes cleared of native vegetation, and plants, such as Ohia and Koa trees.

A. *ANIMALS, 1933 September-1970 February*

This subseries is arranged alphabetically by animal species name and chronologically by date, e.g., *Nene*, May 1960.

This subseries contains photo print and negative images of animals native to Hawaii and the park area as they exist in their natural habitats, as well as various management activities of both native and non-native animal species found within the park boundaries and the Hawaiian Islands. They include photographic documentation of a Hawaiian petrel; images of goat herding and fencing; monitoring *nene* release, flight range, and eggs; and the construction of study plots for pig and goat enclosures. Subseries strengths are photo print images of *nene* on a low elevation Mauna Loa slope photographed 1934, and photo print and negatives images of an unidentified species of snake found within park boundaries in 1970.

B. *ERUPTIONS, CRATERS, AND VOLCANIC ACTIVITY, 1920-1975*

This subseries is arranged by images housed in 5 ½ x 4 ½ inch sleeves and larger format images house in 12 x 9½ inch folders and a binder. The sleeves are arranged by crater for Halemaumau, Kilauea Iki, Mauna Loa/Mokuaweoweo, and Mauna Ulu only; images associated with these craters are arranged by date. Images of other craters and associated

eruption activities that are housed in sleeves are arranged by date only. The folders are generally arranged by crater and date of associated eruption activity, and the binder contains images that include Halemaumau, Kilauea Iki, and Mauna Loa summit eruption activities.

This subseries contains photo print, negative, and postcard images of craters and eruption activities that largely focus on Halemaumau and Kilauea Iki craters but also include images of other craters and associated eruptions, such as Alea, Aloi, Mauna Ulu, and Pauahi, as well as craters and eruption activity outside of park boundaries, such as Mokuaweoweo Crater and Mauna Loa rift zone eruptions. Also included are images of *pahoehoe* and *aa* lava flows, steam vents, lava tree molds and other geological features, damage to park infrastructure caused by eruptions and lava flows, park visitors viewing eruptions and eruption viewing stands, aerial eruption images, and associated images of a 1975 earthquake that caused natural landscape and park infrastructure damage. Subseries strengths include large format, hand-tinted photo print images of Halemaumau eruption activities, and night-time photo print and negative images of lava flows and lakes in Halemaumau crater.

C. *LANDSCAPES, circa 1925-1975*

This subseries is arranged alphabetically by identified landscape area and by date, e.g., Kalapana coastline, 1948.

This subseries contains photo print and negative images of natural and human-modified landscapes located within and surrounding park boundaries, including views of the Kalapana coastline from pali overlooks, sea arches, black sand beaches, Ohia, Koa, and fern tree forests, open landscapes cleared of native vegetation, various *kipukas*, snow-capped Mauna Loa and Mauna Kea, circa 1925 photo print images of Haleakala landscapes, and aerial landscape images that include the 1975 Six Tanks fire. Subseries strengths are photo print and negative images of the coastal area of Kalapana, and photo print images of the construction of lava rock walls at Hilina Pal by the Civilian Conservation Corps (CCC) for erosion control.

D. *PLANTS, circa 1911-1975 March*

This subseries is arranged alphabetically by plant species name and chronologically by date, e.g., Koa Tree, August 1931.

This subseries contains photo print and negative images of native and non-native species of plants, that include trees, within and surrounding park boundaries, including various species of hibiscus, Ohia and Koa trees, coconut trees and groves, orchids, and Hawaiian silverswords. Also included are management activities such as the eradication of blueberries, and the reproduction of Koa trees in natural landscapes previously cleared for animal grazing. Subseries strengths include photo print and negative images of

various trees damaged by United States Army artillery and bombing practice in Kilauea section, 1934, and photo print and negative images of extremely large Koa trees.

VI. *PARK PERSONNEL, 1927 July-1991*

This series is arranged chronologically by date.

This series contains photo print and negative images of park personnel. They include portrait-type images of individual park staff members, group photos of Hawaii National Park staff, Hawaii National Park Superintendents Richard T. Evans and Edward Wingate, Naturalist John Doerr, images of Hawaii National Park personnel photographed for the Mather Collection in 1953, Hawaii Volcanoes National Park personnel photographed in 1963, members of the Civilian Conservation Corps (CCC) and Youth Conservation Corps (YCC), including Civilian Conservation Corps camp directors, and 1985 and 1991 group photos of Hawaii Volcanoes National Park staff. Also included are photo print and negative images of park personnel receiving incentive awards, and images of the corresponding ideas and inventions that prompted the awards. Volcano House owner and park concessionaire George Lycurgus is also depicted. Series strengths are four portrait images of Dr. Thomas Augustus Jaggar, circa 1900 to circa 1950, and a photo print image of Hawaiian and part Hawaiian Civilian Conservation Corps (CCC) enrollees posed lifting a large lava rock boulder.

VII. *NON-PARK ACTIVITIES, circa 1925-1970*

This subseries is arranged chronologically by date.

This series contains photo print and negative images of activities not associated with or indirectly affecting the park. This includes images of Hilo taken by Superintendent Richard T. Evans in 1927 and images of 1946 and 1960 tsunami damage to Hilo. The series strengths are photo print and negative images of Dr. Thomas Augustus Jaggar's amphibious craft experiment conducted in Kona, and a photo print of a U.S. Geological Survey employee with a surveying instrument set up at an open, natural landscape area that may be within park boundaries.

CONTAINER LIST

Folder numbers primarily refer to sections in photo boxes and pages in binder boxes. When there is a range of numbers in the folder column the "folder" is multiple pages in the binder box.

Box	Folder	Title, Date
SERIES I. ACCIDENTS, LAW ENFORCEMENT, SAFETY AND RESCUE, 1932-1974, UNDATED		
2	8	Environmental Monitoring, undated
2	5	Helicopter Rescue Training, undated
2	6	Horse Training at Kilauea Military Camp Ball Field, undated
2	7	Law Enforcement Personnel and Vehicle, undated
1	1	Accidents, Law Enforcement, Safety and Rescue, 1932-1974
2	1-4	Solider Rescued from Crack, undated
SERIES II. CULTURAL RESOURCES, 1934-1975, UNDATED		
3	1	Cultural Resources, 1934, 1975, undated
2	14-19	Hawaiian Burial, Restricted, undated
2	22	Lava Rock Walls, Historic, undated
2	20-21	Lava Rock Walls, Repairs Kalapana, undated
2	23	Old Pulu Factory, undated
2	9-12	Petroglyphs, Kalapana Area, undated
2	13	Petroglyphs, undated
SERIES III. VISITOR USE, CIRCA 1825-1983, UNDATED		
SUBSERIES A. EXHIBITS, INTERPRETATION, AND SIGNAGE, 1928-1983, UNDATED		
4	1	Exhibits, Interpretation, 1938-1971, undated
2	24-36	Exhibits, undated
2	37-41	Interpretation, 1825-1947, undated
2	42-45	Signage, circa 1950, 1958-1959, undated
5	1	Signage, 1928-1983
SUBSERIES B. PARK VISITORS, CIRCA 1870-1980, UNDATED		
SUB-SUBSERIES 1. GENERAL VISITORS, 1925-1980		
6	1	General Visitors to Hawaii National Park, 1925 June 25-circa 1970, undated
7	21-62	General Visitors to Hawaii National Park/Hawaii Volcanoes National Park, circa 1940-circa 1980
7	1-20	Halemaumau Crater, Kilauea Caldera and Hawaii National Park, circa 1870-1932
7	64	Musicians and Artists Performing at Hawaii Volcanoes National Park, 1976-1977
7	63	Stephen Mather Bronze Plaque, Bird Park (Kipukapuauulu), circa 1950

Box	Folder	Title, Date
SUB-SUBSERIES 2. PARK SPECIAL GUESTS, 1920-1979		
10	23-25	Duke of Gloucester Visit, 1979 October
10	1-2	Hamlin Garland Visit to Hawaii National Park, circa 1932
10	20-22	Lady Bird Johnson Visit to Hawaii Volcanoes National Park, 1978 November
10	10-19	Roselyn and Amy Carter Visit to Hawaii Volcanoes National Park, 1977 June 23
8	1	Park Special Guests, 1920-1960
9	1	Park Special Guests, circa 1960-1974, undated
10	3-7	President Franklin D. Roosevelt Visit to Hilo and Hawaii National Park, 1934 July 25
10	8-9	United States Astronauts' Visit to Hawaii Volcanoes National Park, 1965
SUBSERIES C. SPECIAL EVENTS, 1921-1971, UNDATED		
2	61-75	Aloha Week Pageant, 1958, 1961
12	1	Dedication of Hawaii National Park, 1921
2	60	Halemaumau Pageant to Pele, 1957
2	46-47	Hawaii Volcanoes National Park, Kalapana Chain of Craters Road Dedication, 1965 June 19
2	48	Helen Leeh Wong, Hawaii Natural History Association, Wahaula Visitor Center, undated
2	52-59	Other Special Events, undated
2	49-51	Special Events, Unveiling of "Madame Pele" Painting by David Howard Hitchcock, Donated by H. Harvey Hitchcock, undated
11	1	Special Events, 1921-1971, undated
SERIES IV. MAINTENANCE,		
SUBSERIES A. BUILDINGS AND STRUCTURES, 1922-1980, UNDATED		
SUB-SUBSERIES 1. GENERAL, 1922-1980, UNDATED		
14	1	Bishop Estate Lease, Residential Buildings, circa 1930
13	1	Bunkhouses and Cabins for Park Staff and Visitors, 1931-1972, undated
14	2-10	Bunkhouses and Cabins for Park Staff and Visitors, 1939-1965, undated
14	11-20	Civilian Conservation Corps, 1934-1953
14	21-59	Facilities and Maintenance, 1922-1961, undated
13	2	Facilities and Maintenance, 1931-1968, undated
13	3	Hawaii Volcanoes National Park Headquarters, Administration and Visitor Center, 1923-1969, undated
13	4	Kalapana, 1934-1968
14	60-62	K. Maehara Photograph Studio, 1930-1943
14	63-75	Park Headquarters, Building 41 and Visitor Center at Wahaula , 1940- 1990, undated
15	1-56	Park Quarters, circa 1929-1962, undated
15	57-67	Restrooms, circa 1930-1961, undated
15	68-78	Shelters and Underground Storage, 1926-circa 1960, undated
13	5	Shelters and Underground Storage, circa 1927-1977, undated
SUB-SUBSERIES 2. KILAUEA MILITARY CAMP, 1923-1959, UNDATED		

Box	Folder	Title, Date
16	1	Kilauea Military Camp, 1923-1959

SUB-SUBSERIES 3. VOLCANO HOUSE, CIRCA 1860-1972, UNDATED

13	6	Volcano House, 1866-1972, undated
15	79-96	Associated Buildings and Structures 1940 Fire, 1940 February 6-1959

SUBSERIES B. ROADS AND TRAILS, 1925-1977, UNDATED

SUB-SUBSERIES 1. ROADS, CIRCA 1925-1962, UNDATED

17	1	Roads, 1927-1969, undated
19	1	Roads and Parking Areas Construction and Maintenance, circa 1925-1961
18	1-69	Roads and Parking Areas, Construction and Maintenance, 1929-1962, undated

SUB-SUBSERIES 2. TRAILS, 1927-1975, UNDATED

18	70-96	Trails, Construction and Maintenance and General, circa 1940-1975 December 12
17	2	Trails, 1927-1974, undated

SUBSERIES C. UTILITIES, CIRCA 1945-1976, UNDATED

20	1	Water Systems, circa 1945-circa1957
21	1	Water Systems, circa 1957-1976 January 12

SERIES V. NATURAL RESOURCES, 1911-1975, UNDATED

SUBSERIES A. ANIMALS, 1933-1970, UNDATED

22	1	American Golden Plover, 1960
22	2	Dark Rumped Petrel, 1969
23	8-12	Fencing, Goat Control, 1947 February 2, undated
22	3	Goats, 1943-1968, undated
22	4	Hawaiian Petrel, circa 1949, undated
22	5	Horses, undated
22	6	Iiwi, undated
22	7	Insect Release, 1966
23	1	Kolea, undated
23	2	Dark Rumped Petrel, undated
23	3-5	<i>Nene</i> , undated
23	6-7	<i>Nene</i> , Pig, Goat, 1964, undated
22	8	<i>Nene</i> , 1933-1975, undated
22	9	Opihi, 1946
22	11	Recording Bird Calls, 1968
22	12	Repairing Fence for Animal Corral, 1966
22	13	Skylark, 1960
22	14	Snake, 1970
22	10	Wild Pig, 1947-1968, undated

SUBSERIES B. ERUPTIONS, CRATERS AND VOLCANIC ACTIVITY, 1920-1975, UNDATED

Box	Folder	Title, Date
36	10	Aerials, (Oblique) Volcanic, undated
36	3	Alea and Aloi Crater Eruptions and Flow, 1962
37	8	Earthquake Damage Federal Highway Administration, 1975
36	8	Earthquake Damage Halepe, 1975
37	3	Earthquake Damage, Negative and Proof Sheets, [1 of 3], 1975
37	4	Earthquake Damage, Negative and Proof Sheets, [2 of 3], 1975
37	5	Earthquake Damage, Negative and Proof Sheets, [3 of 3], 1975
28	86-95	Earthquake and Other Volcanic Activity, 1956-1975
37	1	Earthquake Damage, Photoprints [1 of 2], 1975
37	2	Earthquake Damage, Photoprints [2 of 2], 1975
37	6	Earthquake Damage, Trails and Roads, Negatives and Proof Sheets, 1975
28	1-4	Eruption Area Landscapes, undated
33	3	Eruptions, Craters, Volcanic Activity and Sites, 1924-1959
34	1	Eruptions, Craters, Volcanic Activity and Sites, 1959-1968
35	1	Eruptions, Craters, Volcanic Activity and Sites, 1969-1984, undated
36	5	Eruption Damage, 1969
28	5-8	Eruption Damage, 1979, undated
34	11	Geological Features, 1924-1979, undated
27	9	Halemaumau and Kilauea, undated
27	1	Halemaumau, 1870-1880s
27	2	Halemaumau, 1890-1919
29	1	Halemaumau, Hand Colored Panoramas, 1918, undated
30	1	Halemaumau, Hand Colored Panoramas, 1918, undated
27	3	Halemaumau, 1920s
27	4	Halemaumau, 1923
27	5	Halemaumau, 1924
24	1	Halemaumau, 1924-1960
28	9-26	Halemaumau, 1927-circa 1960, undated
27	6	Halemaumau, 1930s
27	7	Halemaumau, 1950s
27	8	Halemaumau, 1960s
25	1	Halemaumau, 1960-1968
26	1	Halemaumau, 1968, undated
36	4	Hualalai Study Photos, 1964
36	12	Instruments, Volcano Observatory, circa 1930-1948
36	2	Kapoho Eruptions, 1960
27	11	Kilauea Crater Landing Field Aerial, 1929
27	10	Kilauea Incandescent Grotto, 1921 April 4
27	12	Kilauea Eruptions, 1952
31	1	Kilauea Iki, 1920-1959
27	13	Kilauea Iki Eruption, 1959
28	27-28	Kilauea Iki, 1959
32	1	Kilauea Iki Eruption, 1959-1968, undated
36	14	Lava Flows, 1933-1946, undated
28	65-66	Lava Removal, 1979 November 16-17
36	13	Lava, undated

Box	Folder	Title, Date
27	14	Mauna Kea, 1925-1947
27	15	Mauna Loa Lava Flow, 1880
27	16	Mauna Loa Flows, 1925 June 1
27	17	Mauna Loa, Mokuaweoweo Lava Fountains, 1940
27	18	Mauna Loa Aerial, 1941
27	19	Mauna Loa Eruption, 1942
27	20	Mauna Loa Eruption, 1949
27	21	Mauna Loa Eruption, 1950
28	29-31	Mauna Loa Eruptions, 1970s, undated
33	1	Mauna Loa and Mokuaweoweo Crater, 1934-1984, undated
28	32-52	Mauna Loa Summit Craters and Eruptions, undated
36	6	Mauna Ulu Eruption, 1969
33	2	Mauna Ulu, 1969-1975, undated
37	7	Negatives November 29, 1975 Glen Kaye and Sky Loe, 1975
36	9	Pauahi Crater Eruption, 1979
28	70-85	Photographs of United State Geological Survey Activities and Installations, 1969 March 21
36	1	Post Cards, 1947
28	53-64	Puna Lava Flows, Road Damage, 1979
36	7	Rift Zone Eruptions, 1972
36	15	Road Damage (Aerials), undated
28	67-69	Structural Damage, Volcano House, undated

SUBSERIES C. LANDSCAPES, 1925-1975, UNDATED

23	21-31	Topographic Map Set, United States Geological Survey Maps, Used for Resource Management, 1923 August 31
39	1	Apua Point, 1943-1967, undated
39	2	Bird Park (Kipukapuau), 1934-1956
39	3	Chain of Craters, 1934-1959
39	4	Halape, 1927-circa 1975, undated
39	5	Haleakala, circa 1925-circa 1950
39	6	Hilina Pali, 1940-1959, undated
39	7	Hualalai, 1944-1966
39	8	Huluhulu, 1962
39	14	Kaena Point, 1967
39	10	Kaheka, 1964
39	9	Kahue, 1943-1952
39	11	Kahuku Ranch, 1951
39	16	Kaimu, 1950, undated
39	15	Kalapana, 1928-1950, undated
39	12	Kalua, 1943
39	17	Kamoamo, 1964-1968
39	18	Kau, 1941-1969, undated
40	1	Kealakomo Overlook, 1942-1967
40	2	Keawe Wai, undated
40	3	Keauakakoi, 1948

Box	Folder	Title, Date
39	13	Keauhou Landing, 1967
40	7	Kilauea Iki, 1942-1968
40	4	Kipuka Kulalio, 1932-1941
40	5	Kipuka Puauulu, 1941-1946, undated
40	8	Koa Tree Landscape, undated
40	9	Kulani Prison Camp, undated
40	10	Lae Apuki, 1963-1965
40	6	Landscapes, Kilauea, 1962, undated
23	32-47	Landscapes, 1928-1964
38	1	Landscapes, 1982-1986, undated
40	11	Mauna Kea, 1943-1968, undated
40	12	Mauna Loa, 1940-1975, undated
40	13	Napali, 1964
39	7	Natural Landscapes Hualalai, 1944-1966, undated
40	14	Naula, undated
40	15	Ohia Forest, 1943-1973, undated
40	16	Olaa Tract, 1969
40	17	Panau, 1945
40	18	Panoramic Coastal Area, 1964, undated
40	19	Pauahi Crater, 1938
40	20	Puu Huluhulu, 1970
40	21	Puu Kapu Kapu, 1964
40	22	Puu Oo Ranch, 1968
40	26	Restored Site, Old Gravel Pit, undated
40	27	Six Tanks Fire, 1975
40	23	Thurston Lava Tube, 1948
40	24	Tree Mold Area Fire, 1948
40	28	Unidentified, 1940-circa 1960, undated
40	25	Uwekahuna Overlook, 1962
40	29	Windstorm Damage at Steam Flats, 1963

SUBSERIES D. PLANTS, CIRCA 1911-1975, UNDATED

22	15	Agare Rigida Miller, 1943
22	16	Bermuda Grass, 1940
22	17	Blackberry Eradication, 1952
22	18	Bushwood Maps, 1954 December 12
22	19	Coconut, 1942-1967
22	20	Damaged Trees, Kilauea Section, 1944
22	21	Epiphytic Plants, undated
22	22	Exotic Plants, 1943-1968, undated
41	1	Ferns, 1941-1974, undated
23	17-20	Ferns, 1958-1978, undated
41	2	Halapepe Tree, Apua, 1943
41	3	Hawaiian Raspberry, undated
41	5	Herbicide Spraying, circa 1960
41	4	Hibiscadelphus, 1911-1959

Box	Folder	Title, Date
41	6	Kauila, undated
41	7	Koa, 1928-1966, undated
41	8	Kopiko-Naulu Forest, 1963
41	9	Lava Damaged Tree, Alohi, 1962
41	10	Mamane, 1943, undated
23	13-16	Mixed Plants, undated
41	11	Octotoma Release Site, 1966-1968
41	12	Ohelo Berries, 1960, undated
41	13	Ohia Lehua, 1927-1975, undated
41	14	Orchid, 1958
41	15	Painiu, 1960
41	16	Pandanus, undated
41	17	Plant Succession, 1963-1973
41	18	Sandalwood, circa 1950-1960
41	19	Silversword, circa 1940-1964, undated
41	20	Ti, undated
41	21	Unidentified, circa 1941, undated
41	22	Yucca Filamentosa, Yucca Gloriosia, 1962

SERIES VI. PARK PERSONNEL, 1927-1991, UNDATED

42	1	Dr. Thomas Augustus Jaggar, circa 1900-1952
42	4	Park Personnel and Young Adult Conservation Corps (YACC), 1978-1991
42	3	Unidentified Park Personnel, circa 1940-circa 1990
43	1	1927-1970
42	2	1931-circa 1975
44	1	1972-1976, undated

SERIES VII. NON PARK ACTIVITY, CIRCA 1925-1970, UNDATED

45	1	Non Park Activity, circa 1900-1970, undated
2	76-79	Non Park Activity, undated
2	80-88	Youth Conservation Corps, Puuhonua o Honaunau National Historical Park (PUHO), 1972