



3424

C. & G. SURVEY,
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Department of Commerce and Labor

COAST AND GEODETIC SURVEY

Superintendent.

State: _____

DESCRIPTIVE REPORT.

Top.

Sheet No. 3424

LOCALITY:

191

CHIEF OF PARTY:

11-4645

3424

Applied to ^{Scrapulation} chart 4140 I.M.A. June 1941

DESCRIPTIVE REPORT.

Top. 3424.

To accompany Sheet "H", Puapua Pt. to Loa Pt. Island of Hawaii, 1913.

Eoline R. Hand, Asst., Chief of Party

The terrain depicted on this sheet differs greatly from that shown on any of the preceding. While the shoreline is made up of "aa" and "pahoehoe" rock, as described for sheets "F" and "G" the country behind rises rather steeply, and comparatively smoothly (no gulches) to the mountain. The slopes are comparatively old lava flows upon which varying amounts of vegetation have sprung up. Except in rare spots there is no soil, but the growth obtains its life from what has collected in the crevices: even the trees are growing this way. The soil patches are for the most part planted in sugar cane (Kona Development Co. see sheet "F"). Along the shore it is barren, but as the height increases more and more vegetation is seen (weeds and shrubs, but no grass) until at the 1000 ft. contour, which is for the most part along the main Govt. road, much coffee is raised; higher than this the forest growth begins, and at about 1500 ft. is quite thick.

The above mentioned Govt. road runs the entire length of the sheet and is lined with houses. From it branches run to Keauhou, and Napoopoo, but it is only a poor trail which leads to Hononau, instead of road as shown on chart 4115. A fine trail goes from Keauhou to Kailua, but from Keauhou to Kealakekua Bay it is very faint and little used.

I have used only the names which I could verify: they apply for the most part to points, bays and towns. In the days of the kingdom the land was divided into narrow strips normal to the coast and these names still persist to-day though there are no definite geog. features to which they could apply. I notice many such old names on chart #4115.

Napoopoo is the most important place: while not great of itself it is the outlet for all the coffee and tobacco plantations behind. It has an excellent concrete wharf, covered, but the surf sometimes make landing more difficult than at Kailua. There is a Post Office, and a branch of the Kailua branch of Hackfeld & Co., doing a general merchandise business. Coffee is the main export. Some important landmarks are shown for Napoopoo, and described both on sheet and in Des. of Stas.

Napoopoo has a ten day service to Honolulu, the boat making the port twice in this period, both going and coming.

The cliffs at this place are of interest as being completely honeycombed with burial niches. For two centuries or more the natives have buried their dead here, lowering themselves and their burden by means of ropes, and reaching apparently inaccessible places. *Capt. Cook*

Here, too, the great Circumnavigator was killed, cooked and partially eaten: this in the year 1779. An imposing monument marks the spot near which he was killed, and legend indicates a spot up the slope where the fire was built.

Keauhou is the next coast place of importance: all steamers making Kailua and Napoopoo also touch here: there is a post office, and a very small wharf. There seems to be no great amount of shipping, and if it were not for the mail I believe the Honolulu boat would no longer stop there, as passengers and freight can reach either Kailua or Napoopoo as well.

To pick up Keauhou from offshore identify the new black, narrow lava flow, seen four miles S. of Kailua: the bay is immediately on S. side of flow.

Hononau Bay is of no importance except historically: here are the ruins of the famous "CITY OF REFUGE". Legend has it that, in ancient times, whoever committed a capital offense, had out to sea with all speed, scale the walls and implore the protection of the priest, and was absolutely safe from death.

The great sacrificial stone is still to be seen here. Many windmills are indicated along the coast. These pump up a brackish water for use of the cattle which pick up a precarious living over the almost barren lower slopes.

Observation and interviews would indicate that the entire coast is free from offshore dangers.

Eoline R. Hand
Asst. U.S.C. & G.S.

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Eoline R. Hand, Asst., Chief of Party

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The great sacrificial stone is still to be seen near. Any windmills are indicated along the coast. These pump up brackish water for use of the cattle which pick up a precarious living on the almost barren lower slopes.

Observation and interviews would indicate that the entire coast is free from offshore dangers.

Eoline R. Hand
Asst. U.S.G. & G.S.

LIST of POSITIONS

T 3424.

To accompany Sheet "H," Puapua Pt to Loa Pt. Island of Hawaii.

1913

Eoline R. Hand, Asst. Chief of Party.

* Suggestions for offshore.

Name	Ø	D.M.	2	D.M.	Hec.	Description and Symbols
Spug	19°37'		155°59'			Paint @ on stone wall, Puapua Pt.
Pump	37		59			Windmill.
Rot	19°36'		59			Paint.
Bob	36		155°58'			Neat green cottage, red roof.
Ore *	36		58			Large old stone house, galvanized roof.
Lat	36		58			Long, low house, white lattice porch rail.
B*	36	402 1443	58	12°59' 433	12	Paint on cairn. Orient on Puu Ohau cairn. Kamoa Pt.
Salt	19°35'		58			Windmill "
Eat	35		58			Paint [] on wall.
Jo	35		58			" " " " Near windmill.
Roof *	35	1227 676	155°57'	8°59'	635	Prom. ha. porch 2 sides; great zinc roof. Hush-her-alires. C.K. Mahalo, Deputy Sheriff.
Hel *	19°34'		155°58'			Helani ch. stone, corrug. steeples, red trimmed; at Peha Luu.
Flo	34		58			Paint on rough seawall.
Cove	34		58		30	" " " " top cliffs at head of narrow reach.
Hat	34		58		25-30	" " " " on rough lava.
Bud	34		58			Large hard roof, shed R.W. corner.
An	19°33'		58			Paint A
Lo	33		155°57'			End of wharf.
We	33		57			Paint []
Ro	33		155°57'		15	" " " " III
Nu	33		58		20	" " " " ⊕
Op	33		155°57'		15	" " " " on flat lava.
Tat	33		57		25	" " " " Loose rock.
Tank	19°32'		57		40	Water tank, grey.
Are	32		57			Paint on wall. Orient on Puu Ohau Acc. Cairn.
Pip	32		57			Windmill.
To	19°32'	1844	57			Paint, 2 spots on wall.
Blo	19°31'		57			Windmill, most Sly of 2. 110m. apart. behind 2 shocks.
Far	31		57		20	Paint []
Leg	31		57		25	" " " " K on Keikiwaha Pt.
Rat	19°30'	1844	57			" " " " many crosses.
Arm	30		57		40	" " " " edge cliff at point below Puu Ohau. Symbol in day 67. []?
Ran	30		57			Windmill at Kalykaly.
Save	30		57		35	Paint, spots on rock set up on edge.
Boy	30		57		15	" " " " (A) on edge cliff.
Bite*	30		57		80 1000	Shed
Kin	19°29'		57		10-15	Paint " " " "
Kid	29		57		40	" " " " Lava mound.
Stew	29		155°56'			" " " " O on flat lava.
Sob	29		56			" " " " base W. end high cliffs.
My	19°28'	1844	155°56'			" " " " Δ " mid. " "
By	28		55			" " " " [] " E. end " "
Doc	19°28'	1093 772	55	5°58'		Seagable of wharf shed at Kapaemoo. Orient on Akegwahelehe cairn.
Nap	28		55			Paint on cairn on wall.
Muse	28		55			" " " " " at stone house (old time).
Wor	19°27'		55			" " " " " Lone cave at Palamano Pt.
Eye	27		55			Shed behind 2 coconuts.
Home	27		55			Paint on small cairn.
Hill	19°27'	458	55		1000	Prom. round topped hill, cane covered; tea trees.
Eat	27		155°55'		15	Paint A
Nag	27		55		15	" " " " []
Bed *	27		55		50-60	" " " " up on high lava mound.
Spin	19°25'		55		25	" " " " []
Shoe	25		55		10	" " " " []
Tah	25		155°54'		2	Old two-story ha. balcony railings.
Pyre	25		54			Remains of yellow church.
Red *	25		54			Paint []
Yel *	19°24'		54			Old house, green blind at sea end.
Sum	24		54		12	Paint Δ on large, loose rock edge cliff.
Men	24		54		15	" " " " []
Jail	19°23'		54		15	" " " " spot on cliff edge.

Keauhou Bay.

Honolulu Bay.

Loa Pt.

LIST of POSITIONS

T 3424.

To accompany Sheet "H," Puapua Pt. to Loa Pt. Island of Hawaii.

1913

Eoline R. Hand, Asst. Chief of Party.

* Suggestions for additions.

Name	Ø	D.M.	2	D.R.	Sec.	Description and Symbols	
Spkg	19°37'		155°54'			Paint @ on stone wall, Puapua Pt.	
Pump	37		59			Windmill.	
Rot	19°36'		59			Paint	
Bob	36		155°58'			Neat green cottage, red roof.	
Ore	36		58			Large old stone house, galv. iron roof.	
Lat	36		58			Long, low house, white lattice porch rail.	
Bo	36	442 1543	58	1289 455	12	Paint on cairn. Orient on a Fua Oha cairn.	Kamoa Pt.
Salt	19°35'		58			Windmill	
Eat	35		58			Paint [] on wall.	
Jo	35		51			" " " " near windmill.	
Roof*	36	1229 676	155°54'	999	635	Prem. ho. porch 2 sides, great zinc roof flush with eaves, C.K. Mahalo, Deputy Sheriff.	
Hel	19°34'		155°53'			Hawaiian ch. stone curtain steep, red trimmed; 54 ft. high a low.	
FLO	34		51			Paint on rough seawall.	
Cave	34		58		30	" top cliffs at head of narrow reach.	
Hat	34		58		25-30	" in rough lava.	
Bud	34		58			Large h. red roof, shed N.W. corner.	
An	19°33'		58			Paint Δ	Keauhou Bay
Lo	33		155°53'			End of wharf.	
Wa	33		59			Paint []	
Wo	33		155°58'		15	" III	
Nu	33		58		20	" ①	
Of	33		155°57'		15	" on flat lava.	
Tat	33		57		25	" " large rock.	
Tank	19°32'		57		40	Water tank, grey.	
Are	32		57			Paint on wall. Orient on a Fua Oha cairn.	
Pip	32		57			Windmill	
To	19°32'	1844	57			Paint, 2 spots on wall.	
Blo	19°30'		57			Windmill, most S.W. of 2. from apt. behind 25 hocks.	
Rai	31		57		20	Paint []	
Leg	31		57		25	" " K on Heilima and St.	
Rat	19°30'	1844	57			" many crosses.	
Arin	30		57		40	" edge cliff at point below Puapua. Synchro in 450 ft. []?	
Ruri	30		57			Windmill at Kala Kala.	
Save	30		57		35	Paint, spots on rock set up on edge.	
Boy	30		57		15	" " @ on edge cliff	
Bite*	31		57		25	Speech	
Kin	19°29'		57		1000	Paint " " "	
Alf	29		57		40	" " Lava mound.	
Stew	29		155°56'			" " O on flat lava.	
Soe	29		56			" " base & end high cliffs	
Alf	19°28'	1844	155°56'			" " Δ mid.	
By	28		55			" " [] End	
Doc	28	1844	55	582		Seagable of wharf shed at Kapaemahu. Orient on a Fua Oha cairn.	
Nap	28		55			Paint on cairn on wall.	
Bluse	28		55			" " at stone house (old time)	
Wori	19°27'		55			" " Lone cave at Palomani Pt.	
Lye	27		55			Shed behind 2 coconuts.	
Home	27		55			Paint on small cairn.	
Will	19°26'		155°54'		1000	Prom. round topped hill, cane covered tea trees.	
Ear	26		155°55'		15	Paint Δ	
Nag	26		55		15	" []	
Bed*	26		55		50-60	" up on high Lava mound.	
Shoe	25		55		25	" ①	
Tan	25		155°54'		10	" []	
Pyre	25		54			Old history ho. balcony railing.	Honaurau Bay
Brag	25		54			Steeple of yellow church.	
Yel*	19°24'		54			Paint @	
Sum	24		54		15	Paint Δ on large, loose rock edge cliff.	
Men	24		54		15	" []	Loa Pt.
Laio	19°23'		54		15	" spot on cliff edge.	